APPENDIX F
Public Engagement

Public Engagement Meetings

A list of all public engagement meetings for Montgomery County Precinct 2 Mobility Study with dates can be found below.

- Steering Committee Meeting #1 – October 15, 2020
- Steering Committee Meeting #2 – December 16, 2020
- Focus Group Meetings – Round 1- February 3-5, 2021
- Steering Committee Meeting #3 – April 15, 2021
- Public Meeting #1 – April 22, 2021
- Steering Committee Meeting #4 – June 24, 2021
- Working Group Meeting – Research Forest at Grogan's Mill – August 10, 2021
- Steering Committee Meeting #5 – September 15, 2021
- Steering Committee Meeting #6 – April 19, 2022
- Focus Group Meetings – Round 2- May 4-5, 2021
- Focus Group Meeting – Round 3- May 31, 2021
- Steering Committee Meeting #7 – July 15, 2022
- Public Meeting #2 – August 4, 2022
- Steering Committee Meeting #8 – September 29, 2022

Public and Steering Committee Comments (October 2020 to August 2022)

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
10/14/2020	12:58 PM	Email (Before SC1)	User 148	Greater Magnolia Parkway Chamber of Commerce	Congestion and Delay	Construction	Construction delays. Road construction/widenings/reconstructions are taking too long, creating business access issues and often resulting in business closures. E.g. FM 1774 and FM 2978 widening caused multiple business closures due to the extensive time it takes to widen the roads, causing traffic to either have limited access to business along the route or simple avoidance by drivers of the route. Please consider alternate funding methods and speeding up right of way utility moves in order to speed up construction process and reduce delays.		Region
10/14/2020	12:58 PM	Email (Before SC1)	User 148	Greater Magnolia Parkway Chamber of Commerce	Access and Connectivity	New Roads	East/West corridor between FM2978 and State Highway 249. An additional east/west corridor needs to be established between FM 2978 and SH 249 to accommodate through traffic. This would help alleviate some traffic concerns along FM 1488 in the City of Magnolia.		Region
10/14/2020	12:58 PM	Email (Before SC1)	User 148	Greater Magnolia Parkway Chamber of Commerce	Congestion and Delay	Intersection Congestion	FM 1488/FM1774/Melton Street/Railroad intersection. In the City of Magnolia there are excessive, consistent and continuing delays at this intersection caused by both the railroad and traffic at this intersection, impacting resident and business access alike. We believe simply widening FM1488 will not resolve this concern. We suggest some sort of over-pass/underpass solution to provide the railroad continued pass-through the city without significant impact to commuter traffic.		FM 1488 @ FM 1774
10/14/2020	12:58 PM	Email (Before SC1)	User 148	Greater Magnolia Parkway Chamber of Commerce	Safety	Safety	Traffic crossing lanes on both FM 1448 and FM 2978 in order to access retail shopping and other businesses. While this may be in the works to install medians along this route to alleviate this traffic hazard, we strongly encourage TxDOT to ensure that aesthetics are addressed by creating “green medians” instead of concrete medians along FM 1488. Cross traffic concerns on FM 2978 also need addressing between Research Forest Drive and FM 1488.		FM 1488; FM 2978
10/14/2020	12:58 PM	Email (Before SC1)	User 148	Greater Magnolia Parkway Chamber of Commerce	Congestion and Delay	Signal Timing; Capacity	Road improvements along Mueschke Road in Harris County adjoining Grand Pines Blvd, including turn lanes and widening at FM 2920. The traffic light delays at Meuschke Road and FM 2920 are outrageous at this point and need to be addressed. While this is in Harris County, it affects commuters from Magnolia to the 290 corridor.		Grand Pines Rd/Mueschke Rd
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Safety	Safety	Hardin Store Road “S” curve at FM 2978		Hardin Store Rd @ FM 2978
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Signal Timing; Intersection Congestion	Signal at FM 1488 and FM 1774 is creating lot of back-up due to traffic and signal timing needs to be improved		FM 1488 @ FM 1774
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Corridor Congestion	Increased Traffic on FM 1488 from Mill Creek at FM 1774		FM 1488 (Mill Creek Rd to FM 1774)
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Capacity	Nichols-Sawmill – widen to 4 lanes, hard for busses		Nichols Sawmill Rd
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Safety	Safety	Nichols-Sawmill at Old Hockley, stop sign, need signal, a lot of crashes		Old Hockley Rd @ Nichols Sawmill Rd
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Intersection Congestion	Buddy Riley at FM 1774 major backups after train. Takes many light cycles to clear line of cars		FM 1774 @ Buddy Riley Blvd
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Access and Connectivity	New Roads	Extend Old Conroe Rd to Conroe		Old Conroe Rd
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Safety	Flooding	Medical traffic on I-45 and SH242 and road floods when moderate rain occurs		I-45; SH 242

Public and Steering Committee Comments (October 2020 to August 2022)

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10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Safety	Safety; Turn Delay	FM 2978 at FM 1488 traffic accidents and need to redesign the turn-lanes		FM 1488 @ FM 2978
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Construction	FM 2978 construction delays and impact to business		FM 2978
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Capacity	Kuykendahl upgrade from to 4 lanes from FM1488 to Research Forest (and south to Lake Woodlands)		Kuykendahl Rd
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Capacity	FM 2854 Upgrades – Needs to be widened		FM 2854
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Capacity; Safety; Signal Timing	FM 1488 upgrades – widening and median needed, signals timed		FM 1488
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Access and Connectivity	Safety; Traffic Management	SH 105 upgrades – medians needed and other traffic management treatments		SH 105
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Congestion; Safety	FM 1488 at I-45 (FM 1488 Access management study proposed SB and NB intersection upgrades that should mitigate congestion/safety)		FM 1488 @ I-45
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Scope	I-45(N) at SH242 EB 242 study/upgrades		IH 45 @ SH 242
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Access and Connectivity	New Roads	Construction of Mansions Way beginning soon (FM 2978 to Dobbin-Huffsmith)		Mansions Way
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Access and Connectivity	New Roads	Need an E-W connection between FM 149, FM 1486 and FM 1774		Region
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Turn Delay	Mueschke Rd at Grand Pines intersection, need to look at turn lanes		Grand Pines Rd/Mueschke Rd
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Access and Connectivity	Connection	Improve connection at FM 1486 at SH249		FM 1486 at SH 249
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Access and Connectivity	New Roads	Need E-W roads		Region
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Access and Connectivity	New Roads	Need N-S roads		Region
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Turn Delay	Kuykendahl at Research Forest SB, add left turn lane		Kuykendahl Rd @ Research Forest
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Turn Delay	Kuykendahl at Research Forest SB, add right turn lane		Kuykendahl Rd @ Research Forest
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Turn Delay	Research Forest at Kuykendahl (WB), extend left turn lane		Kuykendahl Rd @ Research Forest

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Turn Delay	Research Forest at Kuykendahl (WB), add right turn lane		Kuykendahl Rd @ Research Forest
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Turn Delay	Kuykendahl at Research Forest (NB), add right turn lane		Kuykendahl Rd @ Research Forest
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Turn Delay	Research Forest (WB) at Egypt Lane (NB) add right turn lane		Research Forest @ Egypt Ln
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Development	SH 105 - Numerous developments occurring		SH 105
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Development	FM 2978 – Numerous developments occurring.		FM 2978
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Bike/Pedestrian/Transit	Bike	Supportive to bike routes		Region
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	Capacity; Connection	Due to SH 249 toll Road FM 149 and FM 1486 needs additional capacity. We need to evaluate more connections to SH 249		SH 249; FM 149; FM 1486
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Congestion and Delay	East/West Corridor; Signal Timing; Congestion	Existing East/West mobility is been impacted by traffic signals and it is not acting as a state highway (need alternative east/west corridors)		Region
10/15/2020	10:00 AM	Steering Committee Meeting #1	Unknown		Other	Studies	TxDOT has studies which this project can refer to (FM 1488 & SH 105 Access Management Studies and I-45 PEL)		Region
10/15/2020	1:53 PM	Email (After SC1)	User 4	TxDOT	Congestion and Delay	Capacity	SH 249 connections need additional capacity FM 149 and FM 1486		SH 249
10/15/2020	1:53 PM	Email (After SC1)	User 4	TxDOT	Congestion and Delay	Capacity	FM 2854 needs additional capacity		FM 2854 @ FM 149 and FM 1486
10/15/2020	1:53 PM	Email (After SC1)	User 4	TxDOT	Access and Connectivity	New Roads	County needs more East and West Mobility. The State highway we have has signal being installed more and more and we are reducing mobility.		Region
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Signal Timing	Light eastbound on 1488 at 1774 cycles too quickly increasing traffic back up		FM 1488 @ FM 1774
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	School Traffic	Parent traffic at MES		FM 1488 @ FM 1774
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Corridor Congestion	Increase in traffic from Mill Creek to 1774 on 1488		FM 1488 (Mill Creek Rd to FM 1774)
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	School Traffic	Buses exiting MJH/MIS		Nichols Sawmill Rd (near FM 1774)
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Turn Delay	Left turn from Old Hockley onto Nichols Sawmill		Old Hockley Rd @ Nichols Sawmill Rd
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	School Traffic	Parent traffic and buses exiting NSE and LES		Nichols Sawmill Rd

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Corridor Congestion	Increased traffic on Nichols Sawmill Rd		Nichols Sawmill Rd
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Turn Delay	Making left turn from new stop sign at Nichols Sawmill @ Grand Pines		Nichols Sawmill Rd;Nichols Sawmill Rd @ Grand Pines Rd
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Capacity	Widen Nichols Sawmill		Nichols Sawmill Rd
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Safety	Safety	Dangerous "S" curve at Walnut Creek @ Lonesome Pine		Walnut Creek Rd @ Lonesome Pine St
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Intersection Congestion	Increase traffic 1488 at 2978		FM 1488;FM 1488 @ FM 2978
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Safety	Safety	Accidents at FM 1488 at Honea Egypt/FM 2978		FM 1488;FM 1488 @ FM 2978
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	School Traffic	Buses exiting BBE onto 1488		FM 1488
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Access and Connectivity	Capacity; Connection	Connect and widen Old Conroe Rd		Old Conroe Rd
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Access and Connectivity	New Roads	Next 60 days - Mansion Way		Mansions Way
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Congestion and Delay	Capacity	Widen Hardin Store Rd		Hardin Store Rd
10/20/2020	3:25 PM	Email (After SC1)	User 102	Magnolia ISD	Access and Connectivity	New Roads	East/West		Region
12/16/2020	10:00 AM	Steering Committee Meeting #2	User 84	Westwood Magnolia Parkway Improvement District	Other	Barriers	missing Lake Creek Preserve Carlene requested shapefile		
12/16/2020	10:00 AM	Steering Committee Meeting #2	User 49	Montgomery County Precinct 2	Access and Connectivity	New Roads	asked if Old Conroe Rd extension considered – in relation to mention of Del Webb community on barriers slide		Old Conroe Rd
12/16/2020	10:00 AM	Steering Committee Meeting #2	User 49	Montgomery County Precinct 2	Other	Signals	expanded reach of signals department – now separate. Should invite head of signal department (Charles Cobb) to join in discussions Northstar Traffic Operations uses ITS equipment to monitor and manage traffic operations for the region	Yes, Old Conroe Rd extension has been considered	
12/16/2020	10:00 AM	Steering Committee Meeting #2	User 4	TxDOT	Safety	Safety, Flooding	asked about location of flooding on Loop 336 mentioned in criticality/vulnerability spreadsheet	Katherine Vo – located on southern portion of 336 above Silverdale Creek; underpass located at intersection of I-45 and Frasier St Adam – gates and a pump station have been added at that location	Loop 336
12/16/2020	10:00 AM	Steering Committee Meeting #2	User 4	TxDOT	Safety	Safety	safety and pedestrian safety along I-45 Another fatality occurred recently Typically crossing I-45, location varies	Bruce Berger – the recent ped-involved crashes have extenuating circumstances; many of pedestrian crashes are around hospital area (242) & Woodlands Parkway	I-45

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 53	North Houston Association	Access and Connectivity	Mobility Issues	For NHA, we focus on just regional mobility, so for us it's those major thoroughfares that you're talking about. We're just starting to kind of get involved with the vision zero in terms of safety so that's becoming an increasingly important issue for us too.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 160		Access and Connectivity	Mobility Issues	I'd just say for the city of Shenandoah…I know that we've already received some help. We're working on getting some funding to improve the intersection there at 45 which is a huge congestion point. That's already underway...There is potential for a connection to be made, a very small and simple connection, which could help connect the pathways that go along Research Forest into the Woodlands area to Shenandoah's pathway. Our pathways go right up to the intersection of Bourbon's Mill and Research Forest but they don't connect across the roadway so that would be a pretty simple connection to connect several miles of pathways to each other.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 143	City of Magnolia	Access and Connectivity	Mobility Issues	I can tell you that there has been lots of talk since our comprehensive plan was adopted in 2013 about pedestrian and bike routes…What I've seen y'all have identified everything that affects the City of Magnolia which, as Precinct 2, will double in size in the next few years. But yes, for quality of life, pedestrian and bike trails are needed.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 72	City of Magnolia	Access and Connectivity	Mobility Issues	Basically, any time after 3 o'clock, it's really hard to get from one part of town to the other, mostly on 1488.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 119	City of Montgomery	Access and Connectivity	Mobility Issues	I'm with the city of Montgomery…we lie in the far northwest corner of the precinct and kind of one of our shifts in in the way that we're thinking these days about the growth and development that were seeing is the potential for it to be coming from the south through precinct 2 and kind of to our southwest of our city which I know is kind of out of this study area but both 149 and 2854 both play key roles in the overall mobility...2854 is in Conroe's jurisdiction so there's a lot of development that we don't necessarily know about or have any real understanding of what's coming but we certainly we see and really truly we benefit from the residents of those areas because they're coming to the city here so even though they're not kind of on our books if you will in terms of population we certainly see and feel the impacts of them being in town.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 119	City of Montgomery	Access and Connectivity	Mobility Issues	I'm sure that everyone in the county saw the Arrows Up fracking sand trucks for years and years it's really not that bad on a day in day out basis. I don't interface much or don't know the level to which some of the wide loads with 105 being at designated height or wide-load route. We do see that kind of traffic occasionally with some slow-downs, but kind of back east of us on 105 I know TxDOT is looking at access management ideas and studies and certainly the city here is willing to participate on our small area of it.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 84	Westwood Magnolia Parkway Improvement District	Access and Connectivity	Mobility Issues	Several meetings back I mentioned that lake Creek Greenways wasn't on the map. I notice it still isn't.	GPS files have not yet been received.	
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 53	North Houston Association	Access and Connectivity	New Roads	All of the projects that are listed on our strategic mobility plan are listed in your future projects list so I was really happy to see that. I don't know, though, in terms of the future does that just mean out in the future one day far away or are there some specific are they funded you know where are we in that process when you call something a future project it's just a term that I'm trying to figure out what exactly does that mean in terms of parameters or time frame? Do those projects need more support/advocacy for those or are they pretty much not, I know nothing's a done deal until they start really doing construction, but do we sit back and breathe easy and look at the next step or do we keep pushing and advocating for these if they're listed already?	It takes at least 10 years to build a new road. The Magnolia Relief Route and Old Conroe Road projects have received funding.	
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 84	Westwood Magnolia Parkway Improvement District	Access and Connectivity	New Roads	My wish would be 2978 and Woodlands Parkway over to 249 I know that got killed a few years ago but that would be a big help to a lot of people in this area.	Construction on Dobbin-Huffsmith Road to 2978 should begin within the next 90 days.	

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 103	Conroe Chamber of Commerce	Access and Connectivity	New Roads	I think anytime you have a road that T's into another road you've got a mobility issue and Woodlands Parkway dead-ends into 2978. I know that Commissioner Riley got so much pressure about that and its mind boggling to me that that was an issue for anyone outside of the area looking in. It just makes sense that you would extend Woodlands Pkwy…I know that there's ROW that was purchased for years to complete that road. That was the plan for many, many years. It would make so much sense to get it all the way to 249 and I don't know if that's something that people just don't even want to go back and try to look at that again.	Construction on Dobbin-Huffsmith Road to 2978 should begin within the next 90 days.	
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 160		Access and Connectivity	New Roads	From an efficiency standpoint, as many railroad grade separations as possible.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 119	City of Montgomery	Access and Connectivity	New Roads	An extension of 149 kind of directly to 249.	A connector from 149 to the 249 Tollway is currently in the planning stages.	FM 149
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Access and Connectivity	New Roads	We also are planning from Keenan Cutoff…we are going to work to take that over also to 249.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Bike/Pedestrian/Transit	Bike	Other than people practicing for the MS 150, we don't see bicyclists or people walking. It's usually contained in the neighborhood trails that are set up for that, as opposed to across the precinct.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 127	H-GAC	Bike/Pedestrian/Transit	Bike	I see cyclists on 1488 all the time…. Is that wide shoulder on 1488, is that supposed to accommodate cyclists? It's not marked.	TxDOT roads are required to include a multi-user path of some kind.	
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 84	Westwood Magnolia Parkway Improvement District	Bike/Pedestrian/Transit	Bike	Lake Creek Greenway up north of 1488 on 2978, I've seen a couple people but as that increases and gets more open and they're working on it I think that's going to increase the traffic on bikes up through there.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 119	City of Montgomery	Bike/Pedestrian/Transit	Bike	Certainly 2854 and 149 north out of our city, but 2854 is heavily used on the weekends by cyclists.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 143	City of Magnolia	Bike/Pedestrian/Transit	Bike	We've had, in the summer months, regular cyclists especially visiting the brewery both on 1488 and 1774.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 82	City of Conroe Planning Department	Bike/Pedestrian/Transit	Bike	The I-45 frontage roads between south loop 336 and 1488; I know of a lot of cycle groups that use that as part of a loop to go 1488 up fish creek thoroughfare, 2854 and then back around.		I-45
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 143	City of Magnolia	Bike/Pedestrian/Transit	Pedestrian	In talking with all of the developers, we have a lot more multi-family coming into the City of Magnolia. Certainly, there has been the discussion and we even worked with one group for a while, a consultant, about making connectivity walkable to the schools specifically for those multi-families...That certainly is something that the city is interested in.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 82	City of Conroe Planning Department	Bike/Pedestrian/Transit	Bike	TxDOT roads, they do have the extra wide shoulders, obviously cyclists like to use that a lot.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Congestion and Delay	Delay	1488/2978, 1488/1774		FM 1488
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 127	H-GAC	Congestion and Delay	Delay	I know it depends on the time of day, but 1488 and 242 is an issue. On Friday afternoons, 2978 and Woodlands Parkway. I don't know if it's still the same, but it would take 5 or 6 traffic cycles to get through that intersection. And wasn't that as much as it is the signal that's north of there at the middle school. But it would back up all the way to Hardin Store Rd.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 119	City of Montgomery	Congestion and Delay	Delay	105 and Walden Rd up on the very north end has been bad for several years for west-bound traffic. You can sometimes wait 3, 4, 5 cycles before you get through. It's an extremely long light.		SH 105;SH 105 @ Walden Rd
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 143	City of Magnolia	Bike/Pedestrian/Transit	Transit	We have no park and ride. We don't even have one on a plan right now…We've got all of these new residents coming in, so as your commuter information showed, I think that's something we need to think about…I know a lot of places use their depot, but we have no parking at our depot. It would be wonderful to do that with an improvement or transportation package, but don't know where.		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Access and Connectivity	Commute	Most of the people, I would assume, that live up here probably commute to Houston, statistically. We do a lot of pass-through here. The 249 toll road, obviously it's not open all the way into town yet, but it will be soon. We're averaging 70% of out of county users at this point.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 164	City of Conroe	Access and Connectivity	Commute	90 something percent are Montgomery County.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 53	North Houston Association	Access and Connectivity	Commute	I don't remember the exact statistic, and I know Exxon is in Harris County, but they gave a statistic in a meeting probably a year ago that I want to say somewhere around 75-80% of their employees, they all commute north into Montgomery County….I know that that's a huge issue for them in terms of, that they're really trying hard to try to find some solutions for their people.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 119	City of Montgomery	Access and Connectivity	Commute	In terms of certainly city staff, I think one town over is probably a common answer. 20-40 minutes worth of drive seems acceptable. Not many people do more.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Congestion and Delay	Delay	Probably the worst intersection in our precinct, and I bet right up there in the worst in Texas, has got to be 1488 and 1774.	There is an effort currently underway to plan a 1488 relief route.	
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 143	City of Magnolia	Congestion and Delay	Delay	Buddy Riley Blvd that connects 1488 to 1774 before you get to the major intersection is totally backed up. It's not unusual at 5 o'clock to spend 15-20 minutes, and I'm not exaggerating, going three blocks to get to a signal light.	There is an effort currently underway to plan a 1488 relief route.	
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 119	City of Montgomery	Bike/Pedestrian/Transit	Transit	Transit. People movers and alternatives to cars.		
2/3/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Access and Connectivity	New Roads	We would need to focus on the real pressure points that we've already mentioned, the relief route again being the biggest…Extending 149 over to 249, extending Keenan Cutoff. East/west would be my focus, again the relief route without a doubt, and of course Woodtrace Blvd.		FM 149
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 131		Access and Connectivity	Mobility Issues	CHI St. Luke's here in Woodlands at 242 and I-45…the traffic north and southbound on the access roads at the intersection are very difficult to navigate to get our patients and our emergency vehicles into the facilities. It's particularly bad on the southbound access road of 45. We did agree to close one of our entrances to try to facilitate the traffic flow there, but it's actually only made it worse for emergency vehicles to access our campus and so it's been very difficult. The emergency workers often miss our driveway and have to make a loop all the way back around to come back to the hospital…It really truly is an access issue for us and so I guess I hope that someday that 242 overpass will actually connect both directions to pull some of the volume off that intersection.	A project is being planned to complete the flyover that will connect 45 eastbound to 242. There are plans to add turn lanes and potentially more capacity to the feeder streets.	
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 144	Houston Methodist The Woodlands	Access and Connectivity	Mobility Issues	One of our big issues is the sheer volume on the feeder road on 242 along I-45. Obviously, there's a flooding issue that's been identified. The sheer speed of travel through that area is concerning for entrance and exit to our facility as well as emergency vehicles having to deal with that as well.	A project is being planned to complete the flyover that will connect 45 eastbound to 242. There are plans to add turn lanes and potentially more capacity to the feeder streets.	
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 88	Magnolia Fire Department; Montgomery Fire Department	Access and Connectivity	Mobility Issues	Magnolia Fire Department…some of the connectivity that's really starting to impact our response times, of course, some of the construction things. 249 being open, that's helped a little bit. The ongoing 2978, that's definitely impacted us. That Hardin Store, the east to west stuff, say between 249 and 2978, then even getting further west towards Nichols Sawmill is some of our bigger problems…The connectivity between 249 and 2978. Hardin Store is all we have and it's a pretty congested roadway. And then getting from 249/1774 to that Nichols Sawmill/Buterra, that area down there that southwest corner is a very difficult task, especially for our types of vehicles.	There are plans to improve intersection of Hardin Store and 249 and to add accessibility from 2978 to 249.	
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 112	Resident of Montgomery County	Access and Connectivity	Mobility Issues	The years of construction on 2978 has had a perpetual impact on all the businesses in terms of their ability, ability of their customers and clients to get in and out of the facilities, driveway entrances, etc.		

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 86	Bike The Woodlands Coalition	Access and Connectivity	Mobility Issues	Representing bicycle riders in the Woodlands area, one of the most immediate impacts that affects those trying to ride on shoulders in the area, Research Forest to 242, Aldin Bridge, Kuykendahl area is jutting curbs. This is where the curb comes out into the shoulder, especially at intersections, and this forces the cyclist to have to go into the lane of traffic instead of staying on the shoulder and creates a safety issue for the motorist and the cyclist. There have been other studies that involve the Woodlands area when it comes to pedestrians and bicycle riders. One is the Woodlands Pedestrian/Bicycle Master Plan, which includes recommendations in this area. As well as TxDOT's 1488 Access Management Study, which includes recommendations along 1488. I would hope that we can align with recommendations that come out of those plans and studies. I hope that we look at the potential utility easements or drainageways, pipeline areas as potential pathways that could be developed to provide a multi-modal type of transportation or connection points for people off road.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 80	Montgomery County Hospital District	Access and Connectivity	Mobility Issues	I'd like to echo what the gentlemen from the two hospitals said about us being able to get to their facilities. That's definitely a challenge. And some of what Chief Griffith said about Magnolia. Is pre-emption being considered in your plan? We're using now GPS pre-emption for intersections, City of Conroe into the Woodlands area, and it's a much better technology that doesn't really congest the intersections like the old infrared technology to where it's based on direction and speed and it quickly cycles the intersection and lets us get through it. Want to make sure that that's included in it if that may be a solution in some of the areas.	GPS pre-exemption will be considered.	
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 88	Magnolia Fire Department; Montgomery Fire Department	Access and Connectivity	Mobility Issues	There's a set of curves on FM 149 just north of Lake Creek west of Cook's Branch Conservatory. There's a set of S curves there that as soon as the pavement gets damp you start having accidents. The majority of accidents are not serious, but we've had some very serious, fatal accidents there too. I can see 149 at Keenan cutoff in the future, just the way the hills are there, we could end up having some more stuff at that intersection. On the 2854 side they're in the process of constructing an overpass so I think that's going to help. 2854 for the most part's actually pretty good.	There are plans to connect Keenan Cutoff west of FM 149 to SH 249. There are plans to connect FM 149 at Jackson Road to SH 249. There are plans to remove the S curves from FM 149.	
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 112	Resident of Montgomery County	Access and Connectivity	New Roads	We talked about Kuykendahl and Commissioner Nowak has announced that they are going to do the four-lane stretch now from Lake Woodlands all the way to Research Forest and there is a section in Precinct 2 from Research Forest to 1488 that is very much in need of extension to four lanes as well, so hopefully that can be worked into the plan in the near term.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 163	MD Anderson	Access and Connectivity	New Roads	Most of our issues are coming from the school zones on 242. We're not having trouble all day long getting employees or patients in to the MD Anderson location. Just during certain times of the day, like in the morning, our employees are having a hard time getting into the location because of the light at 242 and Fellowship is very short.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 88	Magnolia Fire Department; Montgomery Fire Department	Access and Connectivity	New Roads	Getting to Nichols Sawmill from that 1774/249 area.	Around 1486 to Jackson Road, there's a series of residential streets that dead end or are just big loops. Just the safety issue with having a road that long that dead ends is an issue. 2011 the historic wildfire, if that fire had been on the east side of the west side we would've had a very serious problem.	Nichols Sawmill Rd
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 125	Bike The Woodlands Coalition	Access and Connectivity	New Roads	Making more protected bike lanes and taking the curb cuts out of the way so it's really clear where cyclists are supposed to be and where cars are supposed to be.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 86	Bike The Woodlands Coalition	Access and Connectivity	New Roads	When they were doing the 1488 study, I looked at the data along there for several years and for the deaths that occurred along 1488, 20% of them were related to pedestrians and cyclists.		FM 1488

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 56	Bike The Woodlands Coalition	Access and Connectivity	New Roads	There's some pretty good north/south routes that can get you through the precinct 2 large area along pipeline or power line ROWs that would take cyclists and hikers off the road completely…You've got a drainageway right on your map there that goes the entire length, more or less, east and west. Many areas have used drainageways very successfully for that purpose.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 56	Bike The Woodlands Coalition	Bike/Pedestrian/Transit	Bike	Near 242 and I-45, there's just no place for cycles to go…No shoulders, no pathways, no anything up there...There's some high intensity destinations like the medical area and so on that could really use a route for cyclists or walkers to be able to get there without impeding traffic or putting their lives in danger.		I-45;I-45 @ SH 242
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 112	Resident of Montgomery County	Bike/Pedestrian/Transit	Bike	There are a lot of cyclists who ride on the streets where there are hike and bike trails, but they choose to ride in the street as opposed to using the hike and bike trails. So, somehow motivating or communicating with the cycling community that hey, when they exist, for crying out loud use them.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 56	Bike The Woodlands Coalition	Bike/Pedestrian/Transit	Bike	In terms of input for this study, Bike the Woodlands would welcome a conversation about hiking/biking in Precinct 2 if H-GAC is open to that. We could provide some ideas which may be interesting in the planning process.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 81	Westwood Magnolia Parkway Improvement District	Bike/Pedestrian/Transit	Bike	One of the things we've kicked around a few times is creating some type of Master Plan for bicyclists. Call it a loop to start with. So, if you start creating bike paths to nowhere or in certain destinations it doesn't satisfy the leisure or the exercise bicyclist. So, if we can create to begin with a simple loop…you can build off that. That might be a combination of sharing the roads and on pipelines and reserves and easements, but if you Master Plan it, I think it could be implemented and integrated into what we're trying to achieve more easily.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 81	Westwood Magnolia Parkway Improvement District	Congestion and Delay	Delay	Carriage Hills Blvd and 1488, westbound especially…Sometimes it's two or more cycles before you can go through.		FM 1488;FM 1488 @ Carriage Hills Blvd
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Congestion and Delay	Delay	Obviously 1774/1488, 2978/1488. Those were our big issues. Also, a little bit over there at 242 and 1488 as well.		FM 1488
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 157	Resident of Shenandoah	Congestion and Delay	Delay	Research Forest and Gosling where the transit buses are heading out of Research Forest, so from Gosling turning east.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 82	City of Conroe Planning Department	Bike/Pedestrian/Transit	Transit	The Woodlands is getting more workers into their community to work and a lot of them use transit, so what I see is that maybe some of this Magnolia and Woodlands connection to get some workers to the Woodlands through transit may be something to be looked at.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 112	Resident of Montgomery County	Bike/Pedestrian/Transit	Transit	I heard an interesting presentation from Enterprise Rent-a-Car a while ago, that they're prepared to put together custom transit plans for employers to increase the carpooling factor…They were very creative, very innovative and they said everybody saves money and everybody saves time. So, somebody may want to be in touch with them to see what's going on in that regard.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 49	Montgomery County Precinct 2	Access and Connectivity	Commute	We employ currently 50 plus people here and other than maybe 4 or 5 everyone is from Montgomery County.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 88	Magnolia Fire Department; Montgomery Fire Department	Access and Connectivity	Commute	A lot of ours are north or west…Ours are probably 50/50 in Montgomery County/out of Montgomery County, but not really any one direction.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 80	Montgomery County Hospital District	Access and Connectivity	Commute	I'd say ours are all over the place.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 128	Memorial Hermon The Woodlands Medical Center	Access and Connectivity	Commute	We have about 2,700 employees here at our Woodlands location, and I would say the very large majority of them are Montgomery and Harris.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 163	MD Anderson	Access and Connectivity	Commute	I think most of ours at MD Anderson are close by, like north Harris or Montgomery County.		

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2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 127	H-GAC	Congestion and Delay	Connectivity, Delay	In the evenings, at about 3:30 I know that I-45 is going to be congested and probably there's an accident on I-45 and Hardy Toll Road or somewhere in that area so I try to avoid the access road in that area at all costs, but sometimes that's difficult because it's hard to go south when there's not other roads to go south.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 88	Magnolia Fire Department; Montgomery Fire Department	Access and Connectivity	Mobility Issues	It's the lack of options. There's not a lot of alternatives, you're stuck.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 124	Cooks Branch Conservancy	Safety	Safety	We're right off 149…that's become such a dangerous stretch of highway, consistently having deadly accidents on 149 and I think a lot of it has to do with having no shoulder and not great line of sight and people just going really fast, I think commuting or just trying to race home. But when that does happen the whole thing is shut down, of course.		FM 149
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 112	Resident of Montgomery County	Access and Connectivity	New Roads	We know where development's going to happen and where the new residential communities are going in. We clearly are going to need new and expanded roads and streets. I think wherever we can get the developers to build those as a part of their development of their real estate would be good.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 157	Resident of Shenandoah	Access and Connectivity	New Roads	I would say some type of loop mechanism, similar to the north county 336 down in the south county, that moves people east/west and up north to that location, the 336 area.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 126	City of Houston Planning and Development	Access and Connectivity	New Roads	I would take over some property and just give you a little bit more connectivity east/west…It looks like 149 all the way through to 45. It just looks like the connectivity there throughout this area really is lacking and somehow, I'd try to close those loops up as a planner.		
2/4/2021	9:00 AM	Focus Group Virtual Meeting	User 86	Bike The Woodlands Coalition	Bike/Pedestrian/Transit	Bike/Pedestrian/ Transit	Providing a variety of options and mobility options for people and thinking beyond just roadways is the only option of expansion and only option of growth and by providing additional options we've had comments on rail, bike loops and pathways, bus transit and metro extending up into the county. So, my ideal solution would be building out more multi-modal options to spread the load across different facilities.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 70	Magnolia ISD	Access and Connectivity	Mobility Issues	It looks like the intersections that are being looked at like 2978, 1488, just that major congestion, that is obviously a hindrance to the school buses getting in and out…Because we don't have a lot of east/west options those big intersections hinder the school buses getting to where they need to go on time. But you've hit a lot of those like right in town in Magnolia 1488, 1774, Nichols Sawmill, widening that is certainly going to help…The presentation touched a lot of our hot spots.	The railroad tracks when going east/west, like on 1488 or Buddy Riley Road, anytime a train goes by, which is 4, 5, 6 times a day, always during bus times, you have the backup of the traffic.	
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 109	Mitchell Intermediate (Conroe ISD)	Access and Connectivity	Mobility Issues	Kuykendahl is not completed both ways, so our biggest issue I think is the amount of traffic that gets backlogged on Kuykendahl…And, of course, 1488 is continuing to be an issue. A project is in progress to widen Kuykendahl south of Research Forest to four lanes.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160		Access and Connectivity	Mobility Issues	We've got schools up in Wood Forest that feed the Conroe High School, so we've got issues getting kids north. So, we've got issues all around. The north/south thing concerns me more than anything else. We get traffic congestion on 45.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 9	The Woodlands Christian Academy	Access and Connectivity	Mobility Issues	I live off Old Conroe and it's a two-lane road with deep ditches on both sides and, as was mentioned, there's lots of new development out there. In the event we have a fire or flooding we have one way out via 1488 and that's it. So, I do appreciate the need for the bridge across the river there. I also think it would be important to widen the road…We also get a lot of bikers along there, which is dangerous. I know there's a bike lane along 1488, but it's narrow, it's right next to 1488 and people ride their bikes in big groups…Going west on 1488 there's a little hill between 242 and Old Conroe and you can't do anything about the sun, but there's a certain time of day when the sun is so blinding going that direction that I have seen some weeks as many as two or three wrecks in a single week at the same time on that road.		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 9	The Woodlands Christian Academy	Access and Connectivity	Mobility Issues	I hear there's an awful lot of traffic on 45 that's not coming to the Woodlands or Conroe. Are you all considering flyovers to move traffic from Houston beyond so that local traffic can get on and off 45 more easily, but people who are going to Dallas don't need to be in the same lanes? There is an I-45 PEL study in progress.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160		Access and Connectivity	Mobility Issues	I drive to that HEB at 1488 and Kuykendahl and that is a very congested road…Widening that stretch of Kuykendahl from Research Forest to 1488 will be very important for mobility there and for safety over there at Mitchell…Research Forest and Grogan's Mill, which I think is one of the most frequent areas for accidents.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 92	The Woodlands Area Chamber of Commerce	Access and Connectivity	Mobility Issues	I know Shenandoah's done a lot of work on Research Forest there at I-45. I think they've done as best they can with striping and rerouting traffic, but we all know that's a big problem to solve. The other issue was the 242/I-45 intersection because that does affect five hospitals, but it does affect a lot of our ambulance traffic and vehicle traffic…Going along I-45 and all the lights…if you hit the lights wrong it can add 30 minutes to your trip, so that's a big concern…As 1488 goes, it will probably mimic some of that 105 traffic handling, I think if we go to a series of lights on that road it will cause the same issue.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 70	Magnolia ISD	Access and Connectivity	New Roads	I think any north/south, east/west that could be added is certainly going to lessen the load of traffic and help the buses out…A connector from Nichols Sawmill to 1488 would alleviate a lot of the Nichols Sawmill south traffic from having to go into town to get on 1488…There can't be enough connector roads…If you look at Superior Road and Corrola, and that doesn't connect to anything, but if it did connect to 2854 that would start to alleviate and take some of the load off the other roads such as Fish Creek and the 149/Jackson Road area…Anything that we could add east/west that would connect to 249 to alleviate that would certainly not only help out the traffic issue, but also help out the buses as we do have accidents on Hardin Store.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160	Magnolia ISD	Bike/Pedestrian/Transit	Bike	In Magnolia ISD, we're seeing a lot of cyclists that are coming up and down Twin Lakes Road…it's a two-lane road with no turn lane, no shoulders, nothing. It would be great if it was a four-lane road with a bike lane as well for them.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 9	The Woodlands Christian Academy	Bike/Pedestrian/Transit	Bike	There are quite a few bikers that go down Old Conroe Road and they are in the two lanes of road, it's very dangerous.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 9	The Woodlands Christian Academy	Congestion and Delay	Delay	Old Conroe and 1488. And there's also turn lanes near the intersections into the shopping centers which actually are very dangerous…In front of the school on 242 right before Gosling at Aldin Woods Drive we hire an off-duty law-enforcement officer to run the light for us to get our cars in and out for car line because it can back up really, really badly at that location if we don't do that.		FM 1488;FM 1488 @ Old Conroe Rd
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 109	Mitchell Intermediate (Conroe ISD)	Congestion and Delay	Delay	1488 and Kuykendahl		FM 1488;FM 1488 @ Kuykendahl Rd
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160	Magnolia ISD	Congestion and Delay	Delay	Biggest intersection I think we see problems with is 45/242…That light at Methodist hospital, that's a problematic intersection because that will back up all the way into Shenandoah.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160	Magnolia ISD	Congestion and Delay	Delay	149/249…our buses sit through multiple light cycles at that intersection…1488/2978, that's a multiple light cycle…And as you just keep coming down south there's Tamina right there, there's Woodlands Parkway, those are multiple light cycles.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160	Magnolia ISD	Congestion and Delay	Delay	What's the plan at 242 and 45 for that drainage issue?		I-45;I-45 @ SH 242
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160	Magnolia ISD	Congestion and Delay	Delay	1488 and 1774		FM 1488;FM 1488 @ FM 1774

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160	Magnolia ISD	Bike/Pedestrian/Transit	Transit	With all the development that's coming up in Magnolia, I think one of the subdivisions that's partially built right at the 249/1488, there's supposed to be like 700 homes there…it might be beneficial to have one a little further west, closer to Magnolia.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 9	The Woodlands Christian Academy	Access and Connectivity	Commute	We have 142 full-time employees and I would say they're about half in Spring and half scattered in the Woodlands and also in Wood Forest.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 64		Access and Connectivity	Commute	At the state forest, most of the employees there are required to be within a 30-minute radius to the state forest for emergency response, so most of them do live in Montgomery County. There's some that live closer towards Old Magnolia, some in Conroe, some closer to Willis. So, several are coming by 45 and probably split the others are coming on 1488 from out further towards Old Magnolia.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 70	Magnolia ISD	Access and Connectivity	Commute	I think the majority do live in Montgomery. We do have some that come in from Harris…we have a couple coming in from Waller, Grimes, Navasota.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 160		Access and Connectivity	Commute	They're pretty scattered, I would say bulk live in Montgomery County, but we bring a lot in from Harris, got some in Waller, Navasota, so we pull some in from all areas, but I would think the bulk live in Montgomery County.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 84	Westwood Magnolia Parkway Improvement District	Safety	Safety	I've noticed personally, going down this big, wide 1488 over towards Magnolia from intersection of 1488 and 2978. It's a big open road and it's 50 mph speed limit. You get past the high school it goes down to a two-lane road and the speed goes up to 55. So, I've wondered sometimes because I see people getting tickets in there…To me I think the speed limit should reflect the road.		
2/5/2021	9:00 AM	Focus Group Virtual Meeting	User 92	The Woodlands Area Chamber of Commerce	Bike/Pedestrian/Transit	Car Share	We've had some discussions with our legislative team transportation meetings…as things progress and we look to the future…ride share and car share programs where you don't own a car you just rent a piece of one and you have to schedule it. But as things like that happen and we get electric vehicles and stuff like that I'm just kind of curious how that might play into the future. Hopefully it happens because that would decrease our pressure of traffic and cars on the road.		
3/19/2021	2:19 PM	Engage Comment Map	User 147		Congestion and Delay	Delay	The delays here have gotten ridiculous. The Railroad here also causes extensive delays many times per day.		FM 1488;FM 1488 @ FM 1774
3/19/2021	2:25 PM	Engage Comment Map	User 147		Congestion and Delay	Delay	There is a right-hand turn off of Melton Street to Buddy Riley Road. This creates extensive delays particularly during rush hour. Melton needs to be no-right hand turn to prevent this. And there needs to be a road improvement at this intersection.	Jun-2015 street view shows No Right Turn signs (R3-1 & "NO RIGHT TURN" [R3-1MOD]) for SEB approach.	Melton St;Melton St @ Buddy Riley
3/22/2021	8:47 AM	Engage Comment Map	User 5		Safety	Safety	Lots of merging traffic on both sides of the freeway. Changing these intersections to how the woodlands pkwy interchanges are would be beneficial.		I-45 Frontage Rd;I-45 FR @ FM 1488
3/22/2021	8:48 AM	Engage Comment Map	User 5		Bike/Pedestrian/Transit	Bike	providing bicycle connectivity between wg jones state forest and north of the river is paramount	There are several sports clubs/parks in addition to public state forest just south of river.	I-45 Frontage Rd;I-45 FR @ West Fork San Jacinto River
3/22/2021	9:04 AM	Engage Comment Map	User 5		Congestion and Delay	Delay, Turn Lanes	Lots of traffic congestion along FM 2854 from Loop 336 to SH 105. Rapidly growing area. Issues with cars turning left and no left turn/center turn lanes.		FM 2854
3/22/2021	12:03 AM	Engage Survey	User 47		Congestion and Delay	Delay	Complete the 242 flyover. The congestion on the northbound I-45 service road and on 242 eastbound are horrendous. Also, push for the completion of the I-45/Grand Parkway (eastbound) interchange. There's no excuse for a 45-minute drivetime from Shenandoah to Spring Creek in the afternoon.		SH 242;I-45 FR @ SH 242
3/22/2021	11:34 AM	Engage Survey	User 67		Bike/Pedestrian/Transit	Transit	We could use some mass transit options		MP2

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
3/22/2021	11:43 AM	Engage Comment Map	User 155		Congestion and Delay	Delay, Safety, School Traffic, Widening	This stretch of Kuykendahl between Alden Bridge Dr and Kendall Green needs to be brought to the intended 4 lanes with perhaps a full turn lane for the Mitchell school traffic instead of a wooded median divider. The part of Kuykendahl south of this intersection is being fully upgraded now and the thru traffic on this major connector will be further clogged at this small stretch of roadway having to go from the many new lanes, congested and choked by the original 2 lane stretch this is, then opens up again after Kendall Green for the HEB and 1488 connection. People are in a hurry and frustrated by this congestion, there are kids crossing at the stop signs with crossing guards, but with the long backup of traffic people are frustrated and patience runs short. Please start on widening this stretch of Kuykendahl and have it ready to open with the southern stretch that is now under construction. It's dangerous to have that widening stop here.		Kuykendahl
3/23/2021	9:55 AM	Engage Survey	User 62		Safety	Safety, Signal Timing, Speed Limit	Fix the signal timing on FM 1488 and SH 242. Need more law enforcement enforcing the speed limits and reckless driving.		FM 1488, SH 242
3/24/2021	6:57 AM	Engage Comment Map	User 105		Congestion and Delay	Delay, Safety	Signage should be better to identify all the many lanes in advance when driving down the I-45 feeder southbound or northbound at Research Forest similar as to what was done on the northbound and southbound feeders at 242. For people not use to going down the feeders it would help and improve safety and presumably traffic flow.		I-45 Frontage Rd;I-45 FR @ Research Forest Dr
3/28/2021	10:22 AM	Engage Comment Map	User 77		Congestion and Delay	Delay	Major congestion daily as people try to enter Buddy Riley from Melton. This along with the railroad tracks and the light at 1774 backs up traffic on Buddy Riley which is a heavily travelled road in Magnolia.		Melton St;Melton St @ Buddy Riley
3/28/2021	10:25 AM	Engage Comment Map	User 77		Congestion and Delay	Delay	Major congestion. Traffic signal seems to give priority to 249 when the majority of the cars are traveling East and West on 1488.		FM 1488;FM 1488 @ SH 249
4/6/2021	12:33 AM	Engage Comment Map	User 139		Congestion and Delay	Delay, Signal Timing	Allow for more continuous travel through this intersection via light or better intersection configuration		FM 149;FM 149 @ Jackson Rd
4/6/2021	12:34 AM	Engage Comment Map	User 139		Congestion and Delay	Delay	some southbound congestion in the morning due to high amounts of turning onto Adoue		FM 2854;FM 2854 @ Adoue Rd
4/6/2021	12:35 AM	Engage Comment Map	User 139		Access and Connectivity	Connectivity	Needed Egypt to Conroe connectivity	Old Conroe Rd connection	Old Conroe Rd
4/6/2021	12:38 AM	Engage Comment Map	User 139		Safety	Delay, Safety, Bike	lots of left/right turn movements on 2854 that causes congestion due to lack of turn lanes. This also causes a safety issue as cars cut around on the shoulder or opposing lane. Lots of bicyclists use the shoulder on this road and is dangerous.		FM 2854
4/6/2021	1:16 PM	Engage Comment Map	User 139		Access and Connectivity	Connectivity	149 to 249 connection		FM 149, SH 249
4/6/2021	12:31 AM	Engage Survey	User 139		Congestion and Delay	Turn Delay, Access Management, Connectivity	FM 2854 could use more turn lanes. SH-105 could use a raised median for access management. Turning 149 into a major Montgomery to 249 connector would be helpful (less stop signs, safer road bends, perhaps widen) Egypt to Conroe connection via Old Conroe is very much needed.		FM 2854, SH 105, FM 149, Old Conroe

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/10/2021	2:22 PM	Engage Survey	User 161		Safety	Safety, Speed Limit	Speed limit on 2854 @ 60 mph is crazy, especially compared to a 45 mph limit on Fish Creek which is a much better, modern road. I cannot fathom why such a high speed limit on 2854 - single lane each way with no barrier. Nobody goes 60 - generally even faster - yet there is never a cop to be found.		FM 2854
4/14/2021	6:39 AM	Engage Comment Map	User 122		Congestion and Delay	Delay, Safety, Widening	Terrible Congestion getting worse by the day. Fosters Ridge Development adding too much traffic. People are having to try to bypass the intersection by cutting through shopping centers and using Bridlewood Drive . Someone is going to get killed trying to pull out from Bridlewood. The tax base will be large enough to widen the road and or out in a flyover going east onto 1488. Get started now or the traffic will be at a standstill.		FM 1488;FM 1488 @ Old Conroe Rd
4/14/2021	6:45 AM	Engage Survey	User 122		Congestion and Delay	Delay	Do something ASAP about congestion on Old Conroe Road and at the intersection with 1488.		Old Conroe Rd;FM 1488 @ Old Conroe Rd
4/15/2021	2:00 PM	Steering Committee Meeting #3	User 112	Resident of Montgomery County	Access and Connectivity	Outside PCT 2	Plan integrated with other precincts and surrounding counties?	Carlene response: Precinct 1 in attendance for previous meetings; Had individual meeting with Precinct 3; Coordination on current and future projects; Working with Harris County, City of Houston, Waller County; Had meeting with Bike The Woodlands; Feedback for bike lanes and potential of using utility easements for multi-use paths; Understand that all roads lead somewhere else and Precinct 2 is not a bubble	Region
4/15/2021	2:00 PM	Steering Committee Meeting #3	User 112	Resident of Montgomery County	Bike/Pedestrian/Transit	Transit	loop railroad being considered? Two-way railroad? Considering other alternative improvements? More toolbox examples: Rapid transit (e.g. Dallas); Rail lines in Houston	Carlene : could have rail that links Conroe, The Woodlands, Magnolia; Think outside box – congestion now; future will be standstill without improvement; Bus or monorail style system; Overpass; Traffic circle; Ideas from other cities; Diverging diamond	Region
4/19/2021	7:11 AM	Engage Comment Map	User 152		Congestion and Delay	Delay, School Traffic, Turn Lanes	This intersection is a single lane heading east and has a narrow shoulder for turning south onto Honea Egypt. A turn lane to head south over the railroad tracks would be a great addition here! Traffic often gets backed up here, especially when school is starting or letting out.		FM 2854;FM 2854 @ Honea Egypt Rd
4/19/2021	7:14 AM	Engage Comment Map	User 152		Safety	Bike, Safety	The entire stretch of Honea Egypt is heavily used by bicyclists. It is a windier road than it appears and there are very few places to safely pass. Widening of this road to add a bike lane would really make a difference in the safety of bicyclists and motorists alike.		Honea Egypt Rd
4/19/2021	7:20 AM	Engage Comment Map	User 152		Congestion and Delay	Delay	This intersection of FM 1488 and FM 2978/Honea Egypt Road is heavily congested and constantly backing up. The single turn lane heading east on 1488 when turning north onto Honea Egypt is especially bad. It is not unusual to wait through two or even three light cycles before finally being able to turn north. It also makes it difficult for vehicles traveling west on 1488 to turn into any of the businesses on the south side of 1488 because of the long line of cars in the turn lane.		FM 1488;FM 1488 @ FM 2978/Honea Egypt

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/20/2021	12:23 AM	Engage Survey	User 1		Bike/Pedestrian/Transit	Bike, Delay, Safety, Medians	My husband and I live in Woodforest which is a master planned community, so although we have access to hike and bike trails in our neighborhood there is not many other trails outside of the neighborhood. My parents are moving to Montgomery County and their one draw back is they wish there were more bike trails (although they do love the area!). In addition, due to the level of people moving in and the fact there are only two lanes for each travel route on 1488 especially, traffic is extremely congested in the morning. When I used to drive to the energy corridor, it would take me 45 minutes just to get from my house to highway 45 (in normal conditions, this would take maybe 15-20 min).I also agree the lack of medians and traffic moving very fast in both directions is very conducive to higher accidents. There are also a lot of wild life that crosses the roads (deer especially), so it can be very dangerous driving at night or early morning. I do love Montgomery county and excited to see what the study may bring to the area. :)		FM 1488
4/21/2021	1:48 PM	Engage Comment Map	User 58		Congestion and Delay	Delay, Safety	This intersection backs up in the morning and evenings when 149 Spur traffic is trying to turn left onto 149. With the curve of both roads, it can be hard to see the southbound 149 traffic. Traffic is constant on 149 northbound due to cars coming from 249. Will only get worse when commercial development completes at 149 Spur and FM 1488. Needs to be fixed before wrecks become a regular occurrence.		Spur 149;Spur 149 @ FM 149
4/21/2021	9:24 PM	Engage Survey	User 129		Bike/Pedestrian/Transit	Bike	We need more bike and hike opportunities. Please do not leave these out of construction plans.		MP2
4/22/2021	7:54 AM	Engage Comment Map	User 3		Safety	Delay, Safety, School Traffic	New overpass needs a right turn lane an a light. Morning/school traffic is much worse than before. Safety is a major issue. Traffic on keenan backs up for significant intervals. Traffic has difficulty turning left due to high traffic and blind curve on FM 2854. Traffic turning right needs a dedicated lane.		Keenan Cut Off Rd;FM 2854 @ Keenan Cut Off Rd
4/22/2021	4:45 AM	Engage Survey	User 7		Congestion and Delay	Connectivity, Safety, Bike	Cut through road behind Portifino shopping center to 242 to ease traffic on northbound feeder. I don't know what can be done to improve issues with traffic coming out of the shopping center onto the feeder but that area is so dangerous I try to just avoid going there. More designated and separated bike lanes in general throughout the area would be awesome as well. It would be nice to be able to safely ride down fish creek throughfare to connect with Research Forest. There are a lot of bicycle riders that ride that very narrow shoulder and I feel this is dangerous for them as well as cars that swerve into other lanes trying to give them space.		SH 242;I-45 FR @ SH 242
4/22/2021	4:35 PM	Engage Comment Map	User 46		Other - Anything we missed	Planning	There are many roads in The Woodlands that are 2 lane residential roads the Montgomery County Thoroughfare Plan shows as being planned for widening to 4 lanes (e.g. Cochrans Crossing, Alden Bridge). Why would you widen these roads when there isn't heavy traffic today or ever, pass next to schools, parks, and residential homes? Inquiries with Montgomery County indicate these would not be widened, so why are they continuing to show as such? Future projections in your presentations show this road may be nearing capacity in the future. Maybe if you didn't put residential roads through to major thoroughfares they wouldn't be projected as needing to be widened. Keep the thru traffic on major thoroughfares (e.g. Research) and off residential roads.		
4/22/2021	5:10 PM	Engage Survey	User 46		Other	Planning	Thank you for your efforts. Regarding the Montgomery County Thoroughfare Plan showing widening of roads like Alden Bridge and Cochrans Crossing, where Commissioner Riley has stated those don't have any plans for widening, yet they show as such on the map to illustrate roads that have 'capacity' for widening. Perhaps symbolize them differently. Some in The Woodlands take those literally and it's impacting home sales along those roads. Perhaps an additional category such as 'No widening planned, but capacity' to better illustrate those unique situations.		Alden Bridge, Cochrans Crossing

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/22/2021	3:07 PM	Engage Comment Map	User 71		Congestion and Delay	Delay, Safety	Heavy traffic when trying to leave the neighborhood. It is the only safe exit from the area if you are turning left. It can take up to 20 minutes to get past this one intersection making my drive to work unpredictable at best.		Old Conroe Rd;FM 1488 @ Old Conroe Rd
4/22/2021	3:09 PM	Engage Comment Map	User 71		Safety	Safety	When turning off 1488 onto Old Conroe road, frequently cars stop suddenly due to someone trying to turn into the shopping center on the left side. This tends to be very dangerous and leads to several near misses that I've seen and also a few real accidents.		FM 1488;FM 1488 @ Old Conroe Rd
4/22/2021	3:10 PM	Engage Comment Map	User 71		Congestion and Delay	Delay	Heavy traffic from Old Conroe to Kuykendahl. Just before kuykendahl, it lets up and flows well with no obvious reasons for the slow down. It can take 10-20 minutes to get past this intersection on a daily basis.		FM 1488;FM 1488 @ Old Conroe Rd
4/22/2021	8:13 PM	Engage Survey	User 74		Congestion and Delay	Delay, Construction, Widening	FM 2978 been under construction for too long. This is N/S alternative route that needs completion soon. Traffic during school hours and rush hour is very congested and dangerous due to construction. Honea Egypt bypass to Research needs to be widen as well.		FM 2978
4/22/2021	1:46 PM	Engage Comment Map	User 76		Congestion and Delay	Delay, Safety	This intersection is a fatal accident waiting to happen. As I am writing this I just heard a motorcycle accelerate to a very high speed through the intersection. Traffic backs up on the Spur 149 waiting for a break in the north/south traffic on Hwy 149. Drivers inch forward waiting for an opportunity to jump out in front of vehicles traveling at 50-60 mph (and higher). Later this year HEB will be opening at the intersection of Spur 149 and 1488. I don't have to be a traffic engineer to know the traffic on the Spur is going to rise exponentially. When completed that business development will change the face of traffic in that area significantly. The time is now to find funds to widen the Spur and add traffic signals at this intersection and the intersection with Dobbin Hufsmith Rd. Let us not wait until one of our neighbors is maimed or killed in a high-speed traffic collision which we can prevent now.		Spur 149;Spur 149 @ FM 149
4/22/2021	2:41 PM	Engage Survey	User 76		Congestion and Delay	Delay	Traffic congestion around FM 1488 and the FM 149, the high school, railroad, and Spur 149 are going to be a mess for the foreseeable future, first with the construction of HEB and surrounding shopping center. Then all of the shopping traffic. The time is now to plan and construct better roads and intersections to deal with the increased traffic. It is not really IF just when.		FM 1488;FM 1488 @ FM 149, FM 1488 @ Spur 149
4/22/2021	12:42 AM	Engage Comment Map	User 91		Congestion and Delay	Delay, Turn Lanes	This intersection is very congested in all directions. It would help to lengthen the right turn lane when traveling west and turning north onto Honea Egypt.		FM 1488;FM 1488 @ FM 2978/Honea Egypt
4/22/2021	12:46 AM	Engage Comment Map	User 91		Safety	Access Management, Safety, Median	There are numerous drive ways along this section of FM 1488. Drivers frequently try to turn left which can be especially dangerous when traffic is backed up. It doesn't help that some drivers try to travel on the shoulder for extended distances which turning vehicles are not expecting both when entering and exiting these driveways. It's probably time for a median to prevent left turns.		FM 1488
4/22/2021	12:53 AM	Engage Comment Map	User 91		Safety	Bike, Safety	Honea Egypt from Sendera Ranch Road to FM 2854 is frequently used by cyclists but there is no shoulder at all and with the number of curves in the road it can be very dangerous to pass cyclists. There is not enough traffic for additional lanes but a shoulder/bike lane should be added. The road is also a patch work of asphalt with no striping in many places.		Honea Egypt Rd
4/22/2021	12:57 AM	Engage Comment Map	User 91		Access and Connectivity	Connectivity	Need a cut through from Honea Egypt to Fish Creek Thoroughfare	Mulligan Dr connects the two roads, but appears to be gated and not open to public travel.	Honea Egypt Rd, Fish Creek Thoroughfare
4/22/2021	1:07 PM	Engage Comment Map	User 91		Congestion and Delay	Delay, Turn Lanes	The intersection from 1488 east bound to I45 south bound get very very very backed up in the mornings. Need a direct connector to the highway like at Woodlands Pkwy.		FM 1488;FM 1488 @ I-45 SBFR

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/22/2021	1:05 PM	Engage Survey	User 91		Safety	Delay, Bike, SPM, Safety	1. 1488 is getting out of control and normal traffic hasn't even return yet, left turns need to be minimized 2. Honea Egypt Road needs lots of work, no shoulder/bike lane for cyclists currently, very patchy, poor signage for how dangerous the curves are, no striping in many locations		FM 1488, Honea Egypt Rd
4/22/2021	5:04 PM	Engage Survey	User 130		Congestion and Delay	Delay, Safety, Speed Limit	Spur 149 has tremendously become over congested, many vehicles speed thru an area that really should not exceed the speed limit. I believe by improving the infrastructure around hwy 249 and adding other alternative roads leading towards 1488 would provide additional routes one can take. Spur 149 should not be touched as many residential areas are on either side of the road. By lowering or getting rid of the toll $$ leading to 1488 would encourage more driver to stay on hwy 249. Just a suggestion. My understanding 20+ years ago tolls were designed to pay for the construction of the hwy and then they would be removed, but it seems that its become a money maker for counties.		Spur 149, SH 249
4/22/2021	5:20 PM	Engage Comment Map	User 141		Safety	Delay, Safety	Long traffic waiting and dangerous intersection. Need traffic light.	Location shown is not clear	FM 149;FM 149 @ Adams Ln?
4/22/2021	5:26 PM	Engage Comment Map	User 142		Safety	Delay, Safety	Need light signal into and from subdivision. Dangerous crossing and delays in the morning and throughout the day.		FM 1488;FM 1488 @ Crestlake Blvd/Superior Rd
4/22/2021	5:15 PM	Engage Survey	User 142		Congestion and Delay	Signals	Add street signals off 1488 subdivisions with turn signals.		FM 1488
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 60		Other	Priority	I've seen the traffic projection map and when you look at it and when someone is explaining all that is on the map, it shows how busy we have been in Precinct 2 and how we've been trying (note: we may not be able to get ahead of it) to do what we can to take care of the forces of the roads that we can take care of. I want to let everyone know that more things are coming, and we are working every day with H-GAC and TxDOT and partners to make things happen. I think with this mobility study (note: at the Precinct level we are lacking the ability to prioritize projects the way we should) is going to help us to prioritize projects and I'm really looking forward to the finished product.		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 132		Congestion and Delay	Turn Delay	I live off of FM 2978 – I know that is not a county road that Commissioner Riley crews are working on. I remember filling out a form online 3, maybe 4 years ago. It was similar to what you are talking about – every intersection, put your recommendations here and there and I did that, and the main suggestion was add right turn lanes. And since then several roads have been completed…Fish Creek and SH 99 have been completed, but there is still a lack of right turn lanes. I cannot understand why they are not better utilized. They can be put at apartment complexes, shopping centers, any intersection and side streets. It would reduce traffic, keep the wait times down, keep traffic moving along, reduce congestion…it would save a lot of gas and reduce pollution. I have a hard time (even if I had not suggested them) understanding why those suggestions have not been put into place in the planning stages. Example is FM 2978 – they have been working on the project since 2016 and it will not be completed for another year. That's a long time. The Golden Gate Bridge only took 4 years to complete. I live off of Tamina and they are not putting a right turn lane onto Tamina and that backs up on FM 1488 every single weekday. My comment is to add right turn lanes and to stress the efficiency that would be created. On FM 1488 there are already wide shoulders and it would just be a matter of moving the paint around and adding the turn lanes and it would solve a lot of problems getting into churches and Home Depot. So many of these intersections you have to wait in the through lane and several lights sometimes when you want to make a right turn because as I understand it the solid white line means do not cross this to make a turn on the shoulder to go into these businesses. If you could comment on your future plans for right turn lanes and easing all the congestion, that would be good.	Carlene (H-GAC) – Thank you Patsy. We appreciate your comment. Commissioner Riley – I feel the frustration on FM 2978 because I've been trying to get to 2978 since I've been in office and even before then. Are you asking about from FM 2978 to Tamina Road or Tamina to FM 2978? Patsy – Both would be super, but on southbound 2978 a right turn lanes going west on Tamina. Commissioner Riley – Not sure if that is what the shoulder is going to be used for in the future. You can cross the white line 150 feet from intersection to turn right. Patsy – So you won't get a ticket for crossing the while line? Commissioner Riley – If you only go 150 feet or so you won't get a ticket for that. I think that's their plan…to use the shoulder where they can as the right turn lane. Speaking of Tamina we are adding turn lanes…we are working with Westwood Improvement District – waiting on FM 2978 to get out of the way and we are going to fix the intersection of Tamina at FM 2978 and Tamina at FM 1488 to add turn lanes at both intersections, but I need to wait for construction to finish because if I do something right now, they will tear it up. Patsy – Thank you. Lokesh (Gunda) – thank you for the comments	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 101		Congestion and Delay	Corridor Congestion	Every time I travel down FM 1488 during traffic times, how can there not be an elevated freeway on this mobility plan. The growth predicted for this area seems that this would be warranted.	Commissioner Riley – Elevated freeway is way out of my league…this is more of a TxDOT project. There is a project for FM 1488 for 2978 over to I-45 to add the other 2 lanes (one lane in each direction) to make a 6 lanes from FM 2978 to I-45 (add concreate for shoulders, restripe road and access management barriers down the middle of FM 1488). This project is supposed to be funded through TxDOT for 2029. I have committed $10M Pass-Through Road Bonds to that project if they will let me do this now. TxDOT was receptive to this project, but I have not received a response yet if TxDOT is going to let me do this project now or not. Regarding the elevated freeway, this would probably need additional ROW – so this is more of a TxDOT requested item. Carlene (H-GAC) – We may be able to look at this elevated freeway option as a long-term option, but this would likely result in additional right-of-way and possibly business displacements. We would need to look at this as a long-term option.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 65		Other	Scope	Is The Woodlands Township part of the steering committee? If so, who is the representative?	Carlene (H-GAC) - We have citizen that is very active on Alden Bridge. We have a couple of residents that have lived in the area for a long time.	

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 52		Congestion and Delay	Widening	There are many roads in The Woodlands that are 2 lane residential roads the Montgomery County Thoroughfare Plan shows as being planned for widening to 4 lanes (e.g. Cochrans Crossing, Alden Bridge). Why would you widen these roads when there isn't heavy traffic today or ever, pass next to schools, parks, and residential homes? Inquiries with Montgomery County indicate these would not be widened, so why are they continuing to show as such?	Carlene (H-GAC) – Some of those roads you are referring to are not in Precinct 2. I know the thoroughfare plans may suggest the number of lanes that would fit within the right-of-way that is available, but it does not mean the roads will ever have that many lanes, but there is enough right-of-way for those roads to expand if needed. This is part of the planning process. It is better to have more right-of-way than not enough. Right now, I don't know of any plans to widen Alden Bridge. Commissioner Riley – There are not plans to widen Alden Bridge that I know of. I cannot speak for Cochran's Crossing. Carlene (H-GAC) – The only road widening project I am aware of is Kuykendahl from 2 to 4 lanes. Commissioner Riley - Eventually we will do resurface to 6 lanes from Precinct 3 over to FM 2978, but that is a while down the road.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 75		Other	Scope	What are the plans for Spur 149 at both FM 1488 and FM 149? What is the time line for these plans? Sorry if I have duplicated these questions.	Commissioner Riley – As far as I know there are not a lot of plans for Spur 149. There are not plans, but they are looking at widening 149 from FM 1488 up to Montgomery. I do not know of any plans to widen or upgrade Spur 149 at this time. Carlene (H-GAC) – We will be looking at Spur 149 as part of this study. We know there is a lot of development at the Spur 149 and FM 1488 area so there will probably be enough demand to widen a road or add turn lanes or something like that. We will have to take a look at it.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 165		Safety	Safety	Was the crash heat map based on crash incidents or crash rate?	Catie Reid (Gunda) – The crash heat map is based on location of crash incidents.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 165		Other	Scope	The planned improvements map shows I-45 as red line. What is that project?	Catie Reid (Gunda) – The active project is landscape development from SL 336 to Montgomery/Harris County Border – a TxDOT project.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 145		Other	Scope	SH-105 is included in this study correct? Looks like the pct line is on the road... just want to make sure.	Catie Reid (Gunda) – Yes, SH 105 is included in this study.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 75		Congestion and Delay	Development	Follow up there is HEB and development that will significantly increase traffic - on Spur 149 that will increase traffic on Spur 149 a lot.		
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 165		Other	Scope	Just one more comment instead of question, our team is working on the I-45N PEL study from BW8 North to Loop 336 in Conroe and any issues/recommendations identified from this study that may impact the I-45 corridor, we would be interested to know.	Carlene (H-GAC) – My email address is on the Engage.hgac website. Will you send me your contact information so when we get to that point we can discuss this?	

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 101		Other	Scope	If Precinct Commissioner lines get redrawn will it impact how this study will turn out?	Carlene (H-GAC) – No, it will not. The project is for Precinct 2, but if lines are redrawn, the projects would still be ready to go. It is not just for Commission Riley. He will use it as well as other cities to use and other Commissioners in the surrounding area. Allie Isbell (H-GAC) – To add to that, we are not looking at this Precinct in a bubble. We look at all the surrounding land uses, roadways and traffic volumes. Everything feeds into the model we create at H-GAC. So it will all be integrated in the end. It will not be just those boundaries that will impact the recommendations in the future. Barbara (Gunda) – This is a planning study so we are working on plans and we do not know what the exact outcome is going to be at the exact locations. We are working with H-GAC and we want to make sure we futureproof some of the proposals and improvement suggestions so we are not just looking at solving the problem today (or what Precinct 2 looks like today), but we are looking at how we can make a sustainable improvement for the long run. We are looking at addressing what we think is going to happen in certain elements tat have a long-term effect as opposed to quick fixes. So if the Precinct changes, we are futureproofing and coming up with proposals that can last a long time. Precinct 2 area is going to grow and we are	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 104		Safety	Signing	I noticed that one of the #2 traffic areas I believe was at the feeder at I-45 on Research. I had provided some recommendation regarding signage that would improve things when I talked to Commissioner Riley. I would like to figure out how I can communicate those recommendations again in writing so that maybe something can be done to improved the signage on the feeder so it would be similar to the feeder at SH 242 so it would make things better and safer.	Commissioner Riley – If you could send me an email…I remember talking to you about this, but I don't remember where the sign was located. If you send me an email, I think I can make that happen pretty quickly. Jon – You indicated you could possibly get TxDOT to do that and I will send the email to you. Thank you for your responsiveness. Carlene (H-GAC) – You can also go to the website and put some comments and drop some pins on the map where you are recommending the signs. Jon – I've already pointed out the intersection, but it's easier for me to do in an email. When I talked to the Commissioner, he said that made a lot of sense. It boils down to signage on the feeder roads coming towards Research and Tamina that is similar to what's at SH 242 and it would make it better and safer. Commissioner Riley – We are going to try to show the lanes coming up to the intersection…the right turn lane, straight, etc. I remember, but I need to make sure I know where we need to put the signage. Jon – I will put in an email more specific. Commissioner Riley – Thank you.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 65		Bike/Pedestrian/Transit	Bike	Please consider building bike/pedestrian connections to the TxDOT bicycle tourism trail study which crosses through MCP 2.		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 96		Safety	Illumination	Are you able to add additional lighting at brighten Research Forest and Grogan's Mill?	Commissioner Riley – We can look at putting additional lighting at Research Forest and Grogan's Mill. Barbara (Gunda) – When we conduct our study and we look at safety issues one of the things could potentially be is improved lighting. So as we do our research and analysis especially as we examine some of the incidents and crashes took place and understand what happened, maybe lighting is an issue. It's all part of the analysis. Your recommendations are great because you are already telling us you think this is an issue. We will look at everything and work with Commissioner Riley. These are the kind of improvements we can look at.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 52		Safety	Safety	For major thoroughfares where you also have wildlife crossing, what considerations are given to implementing things like Wildways?	Allie Isbell (H-GAC) – I believe wild way is referring to something like an animal crossing like they are putting in at Memorial Park…like a land bridge that provides a way for wildlife to cross major roadways. In this mobility study nothing is out of the question to consider. Whether it makes the final round of recommendations, that' to be seen, but this is definitely something to think about.	
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 165		Other	Scope	Does the scope of the study include recommendations to update the Mont. County Thoroughfare Plan?	Commissioner Riley – We are working on it. Carlene (H-GAC) – If we have any major changes, we will recommend updates to the Montgomery County Thoroughfare Plan, Waller County Thoroughfare Plan and the City of Houston Thoroughfare Plan – if needed. We want to make sure we work together with Montgomery County, Waller County and the City because all of these are adjacent or in Montgomery County. Carlene (H-GAC) – Commissioner Riley, do you know the status of the revised Thoroughfare Plan. Commissioner Riley – We have looked at it here probably 3 times and we have made some subtle changes. We've changes some major connector road to minor connector roads and realigned a few things. The next time we look at it we are going to look hard at whether we are going to remove some of the roads or just reclassify some of the roads. It will not be very different than the map you see today, but there will be some changes. Carlene (H-GAC) – Do you know when they are expected to have a Public Meeting or approved plan? Commissioner Riley – It's coming up quick, but I will need to check. I will get this information to you. Carlene (H-GAC) – Thank you. I can add this information to our website.	

Public and Steering Committee Comments (October 2020 to August 2022)

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/22/2021	6:00 PM	Virtual Public Meeting #1	User 60		Other	Positive Feedback	I would like to thank everyone who has worked on this project. When I started talking to Carlene about this project and what we would need to get together it set me back. There is a lot more to this than I ever thought about. I am anxious to see the outcome of this to see the amount of studying and looking at different roads. Thank you for all your work.		
4/23/2021	1:45 PM	Engage Comment Map	User 2		Congestion and Delay	Signal Timing	Traffic Lights are not timed from one light to the other to continuously move the traffic once driver reaches allowed 45 mph		SH 242;SH 242 @ Fellowship Dr.
4/23/2021	1:47 PM	Engage Comment Map	User 2		Congestion and Delay	Delay, Signal Timing, ITS	Gosling and 242 intersection has no adequate timing to allow for traffic to flow through like Precinct 3 Northstar system on Research Forest.		SH 242;SH 242 @ Gosling Rd
4/23/2021	1:49 PM	Engage Comment Map	User 2		Congestion and Delay	Signal Timing	No systematic flow from one light to next. Once you leave Gosling traveling W, you always stop at the light. Mobility should favor traffic movement.		SH 242;SH 242 @ Alden Woods
4/23/2021	1:50 PM	Engage Comment Map	User 2		Congestion and Delay	Delay, Signal Timing	Traffic always stopped, there is no regulated mechanism to keep the flow of congestion moving once reaching 45mph/50mph		SH 242;SH 242 @ Greenbridge Dr
4/23/2021	1:51 PM	Engage Comment Map	User 2		Congestion and Delay	Delay, Signal Timing, ITS	Timing mechanism missing. Traffic traveling West should be allowed through without such light to light stopping. Buy a new system or use Precinct 3's Northstar.		SH 242;SH 242 @ Northway Dr
4/23/2021	1:52 PM	Engage Comment Map	User 2		Congestion and Delay	Delay, Signal Timing, ITS	Both East and West bound is always stopped. Use a sophisticated traffic light mechanism to keep traffic flowing and not the stop to stop at each traffic light.		SH 242;SH 242 @ Windvale Cir (S)
4/23/2021	1:54 PM	Engage Comment Map	User 2		Congestion and Delay	Delay, Signal Timing, ITS	Traffic delays both east and westbound. No synchronized lights to keep traffic flowing once reached allowable speeds. Buy a system to synchronize or use precinct 3 Northstar.		SH 242;SH 242 @ Windvale Cir (N)
4/23/2021	2:22 PM	Engage Comment Map	User 2		Access and Connectivity	Signal Phasing	North turn into Windsor Hills Circle needs a flashing yellow turn light at times of slow traffic like early morning or very late at night, like other places in The Woodlands.	May not meet requirements for protected/permissive LT.	SH 242;SH 242 @ Windsor Hills Dr/Fellowship Dr
4/23/2021	2:28 PM	Engage Comment Map	User 2		Safety	Safety	Missing signage to this very wide 1 lane road, cars take for granted and drive like it's a 2 lane. Need large sign and more than one: ONE LANE ROAD. Others turn into apartments, others go straight to subdivision.	Google earth measurement is 22' wide - plenty of room for two lanes.	Windsor Hills Dr
4/23/2021	2:35 PM	Engage Comment Map	User 2		Other - Anything we missed	Planning	The back side of Windsor Hills is mitigated wetlands never to be developed, so it is not marked correctly on your legend.	Existing land use maps shows as "Agriculture 100%"/"Vacant Developable (includes Farming)"	
4/23/2021	8:46 PM	Engage Comment Map	User 99		Congestion and Delay	Delay, Safety	Traffic backs up daily on Spur 149 especially around rush hour and in the morning . After waiting for a long time, cars dangerously gun it to get onto 149. With all the construction and plans of shopping centers, homes, apartments on this road, we already need a traffic signal to allow cars onto 149, and it will only get worse.		Spur 149;Spur 149 @ FM 149
4/23/2021	6:24 AM	Engage Comment Map	User 107		Safety	Safety, Illumination	Improved lighting illuminating the multiple intersections.		Research Forest Dr;Research Forest Dr @ Grogans Mill

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4/23/2021	6:04 PM	Engage Comment Map	User 133		Congestion and Delay	Delay, Turn Lanes	The traffic on 2978 at this marked positioned near Tamina often backs up to Research Forest as well as all the way to FM1488. This area is currently being repaved but without plans to add a right turn lane onto Tamina, the back ups will continue. Simply adding a shoulder is confusing to people as many do not understand they may cross that white line to make a right turn. Especially since that white line is solid. If it was a white line with “dashes” along with signage it would be a better indication to people that it’s OK to get on the shoulder to make a right turn onto Tamina. Example:		FM 2978;FM 2978 @ Tamina Rd
4/23/2021	6:10 PM	Engage Comment Map	User 133		Congestion and Delay	Delay	FM 1488 at the traffic light at Grace Crossing Drive needs better signage for people making a right turn. See picture below. Many people are hesitant to cross the solid white line and we end up waiting in a long line of traffic wasting gas and polluting.		FM 1488;FM 1488 @ Grace Crossing Dr
4/26/2021	3:07 AM	Engage Comment Map	User 45		Safety	Delay, Safety, Access Management	Everyday there are cars trying to turn left into the Kroger complex during peak traffic times. These cars block traffic traveling against them in line. It is a traffic and safety nightmare.		FM 1488;FM 1488 @ FM 2978/Honea Egypt
4/26/2021	12:22 AM	Engage Comment Map	User 95		Safety	Safety	Suggest moving exit lanes back further as not enough time to move over to get on 1488 Westbound from I45 South, very dangerous with traffic increasing		FM 1488;FM 1488 @ I-45 SBFR
4/26/2021	12:23 AM	Engage Comment Map	User 95		Congestion and Delay	Delay, Turn Lanes	Need to add second left turn lane to go from Northbound 242 to westbound on Green Bridge		SH 242;SH 242 @ Greenbridge Dr
4/27/2021	8:22 AM	Engage Comment Map	User 43		Access and Connectivity	Connectivity	Need a FM149 to HWY249 Connection road to allow traffic from the north to safely make access to HWY249 without adding congestion to FM149 south of Jackson Rd.		FM 149, SH 249
4/27/2021	8:26 AM	Engage Comment Map	User 43		Congestion and Delay	Connectivity	Add a connector road from HWY249 at Woodtrace Blvd to FM2978 in order to provide a safer route from east to west, which in turn will reduce congestion.	In the works	Woodtrace Blvd
4/27/2021	10:46 PM	Engage Comment Map	User 68		Congestion and Delay	Delay, Turn Lanes	Traffic backs up on southbound Spur 149 trying to turn left onto 149, particularly during rush hours. Worse since toll road was completed.		Spur 149;Spur 149 @ FM 149

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/27/2021	10:40 PM	Engage Survey	User 68		Congestion and Delay	Delay, E/W Corridor, N/S Corridor, Widening	149 between the new 249 toll road and Spur 149 is experiencing worse traffic congestion than before the toll road was built, as it used as a shortcut by drivers to get on 1488 east bound from SH 249. This has created a dangerous condition at the Spur 149 intersection and at the subdivision and residential exits onto 149, particularly during rush hours (my neighborhood's only entrance/exit is onto 149). Prior to the toll road completion, there were frequent breaks in the traffic in both directions; the breaks in traffic are less available now. We are considering moving out of Montgomery County as the road development and traffic management have not kept up with population growth and residential/commercial development in the area, which is curious because I'm sure tax revenues have grown in tandem, i.e. funding should be available unless it's being squandered on other projects. We avoid 1488 between Spur 149 and I45 due to the traffic issues, but have few other reasonable choices for transiting west. The only other available routes for transiting west are much longer and out of the way, but allow easier transit (Dobbin Huffsmith, Hardin Store Road, FM 2854, FM 2920, and 99) I'm sure that very few people out here would favor bike trails, medians, and mass transit options over just widening existing two lane roads used as major thoroughfares (149, 2978, Hardin Store Road, etc.), providing additional north/south and east/west corridors, and adding traffic signals where through traffic is causing dangerous conditions.		FM 149
4/27/2021	1:21 PM	Engage Survey	User 78		Access and Connectivity	Median	Raised or live barrier center medians and turn lanes would reduce congestion, eliminate illegal passing in the center lane, and improve safe mobility.	Corridor not specified	
4/27/2021	7:07 AM	Engage Comment Map	User 150		Congestion and Delay	Delay, Widening, Access Management, Signal Timing	This intersection is ridiculous. Very underplanned. Straighten out curve, minimize business driveways, synchronize lights, add multiple turn lanes, 6 lanes through		FM 2978;FM 1488 @ FM 2978/Honea Egypt
4/27/2021	7:08 AM	Engage Comment Map	User 150		Congestion and Delay	Delay, Widening, Access Management, Signal Timing	Need 6 lanes, limited access to businesses, synchronized lights. Traffic backs up considerably.		FM 1488
4/27/2021	7:04 AM	Engage Survey	User 150		Congestion and Delay	Signals, Median	Synchronize traffic lights, get rid of the center lane suicide option	Corridor not specified	
4/27/2021	3:25 PM	Engage Comment Map	User 156		Congestion and Delay	Delay	Congestion on both Buddy Riley & 1488 through town is horrendous, daily...it's a coin flip which will be slower. I suggest a bypass over town!		Buddy Riley, FM 1488
4/27/2021	3:27 PM	Engage Comment Map	User 156		Safety	School Traffic	The line of cars daily barely off this 2 lane road sitting for hours to pick kids up from school is dangerous and causes massive congestion!		Nichols Sawmill Rd

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4/28/2021	6:52 PM	Engage Comment Map	User 87		Safety	Safety, Turn Lanes, Access, Sight Distance	I'm writing as a concerned citizen, and a homeowner in the Rolling Forest Subdivision. I've lived here since 2005, and have enjoyed our quiet community. However, with the ever growing population, and road expansion leading to our area, it seems FM149 has been overlooked for a serious improvement. Our entrance is a constant hazard for anyone looking to turn in while traveling northbound. There's a hill/rise right before the Exxon station, and if anyone is not early with a blinker, and a tap of the brake to indicate a turn, you will constantly be in danger. We need a turn lane or something to help here. Just recently, on April 25, 2021, a 4 vehicle accident occurred. We can only pray no one was hurt. It would also be beneficial to have another entrance to our neighborhood. This one is a stretch, I'm sure, but at least something to consider, so we aren't locked in to our neighborhood when accidents do occur. I look forward to hearing your thoughts on the matter.		FM 149;FM 149 @ Herring Blvd
4/29/2021	8:52 AM	Engage Survey	User 59		Congestion and Delay	Turn Delay, Widening	More dedicated right turn lanes with delineators to keep traffic flowing throughout the county. Need delineators at I45 southbound feeder road onto west bound Research Forest drive. The sign "keep moving" doesn't appear to work for the drivers. Traffic going southbound on I45 feeder from 242 needs a closer entrance to get onto I45. They travel down the feeder road too far which adds to the congestion. They criss cross the traffic trying to get onto I45,. They should have never changed the egress and ingress years ago. That's when the congestion started. Need a dedicated left turn signal or some better signage at Grogan's Mill Road northbound at Research Forest. Too many drivers go straight (north)from the left turn lane and cause accidents when the East lane also turns west. Driver did this yesterday to me. Good thing I was going north and not west or else I would be in the hospital. I have addressed this for years and nothing has changed. Need a 2-3 second delay in lights. If the opposing signal didn't turn green for 2-3 seconds, it would result in less accidents on Grogan's Mill road and Research Forest from the cars that blow thru the red lights on Research Forest. I have almost been hit on this corner several times (lived here 15 years) even though I was the 3rd car proceeding thru the intersection after the light turned green. Put up a red light violator camera at Grogan's mill road and research Forest. This will save lives and reduce the accidents on this most dangerous intersection in Montgomery county (I live 2 subdivisions north of this intersection and travel it every time I leave the house). Too bad if people voted against it-of course the violators don't want tickets-you need to help reduce the accidents here. Make sure the light on northbound Grogan's Mill road at Research Forest remains green for more than 1-2 seconds after 10pm at night. I have requested this to increase years ago, it was increased, and then went back to (1-2 seconds-I have video), and		I-45, Research Forest Dr, Grogan's Mill;Research Forest @ Grogan's Mill
4/30/2021	12:31 AM	Engage Comment Map	User 44		Safety	Delay, Safety	A busy intersection at Dobbin-Hufsmith @ Spur 149 and numerous large trucks using the Spur 149 road as a short-cut are creating safety hazards and a significant congestion problem at all intersections located on the Spur (Dobbin-Hufsmith intersection and the 149/Spur 149 intersection)		Spur 149;Spur 149 @ FM 149

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/30/2021	12:31 AM	Engage Comment Map	User 44		Safety	Delay, Safety	A busy intersection at Dobbin-Hufsmith @ Spur 149 and numerous large trucks using the Spur 149 road as a short-cut are creating safety hazards and a significant congestion problem at all intersections located on the Spur (Dobbin-Hufsmith intersection and the 149/Spur 149 intersection)		Spur 149;Spur 149 @ Dobbin-Hufsmith
4/30/2021	6:30 AM	Engage Comment Map	User 134		Safety	Safety	Intersection of Spur 149 and Dobbin Hufsmith Rd. Very dangerous left turn and large sign on southeast corner blocks view.	Business sign attached to fence. There are also tall trees near the fence line which could add to sight distance issues.	Dobbin-Hufsmith Rd;Spur 149 @ Dobbin-Hufsmith
5/1/2021	5:19 PM	Engage Comment Map	User 2		Safety	Flooding	45 S feeder st Luke's to Hope Rd repeated flooding on feeder . Reported constantly through Moco Sheriff alert		I-45 SB Frontage Rd
5/1/2021	2:22 PM	Engage Survey	User 113		Congestion and Delay	Turn Delay	Turn lane badly needed on FM 149 & Herring Road which is entrance into Rolling Forest Subdivision.		FM 149;FM 149 @ Herring Rd
5/3/2021	5:17 PM	Engage Survey	User 55		Congestion and Delay	Connectivity, Safety, Delay	We just moved here and bought a home in Nov 2020 in Foster's Ridge. Our backyard is on the corner of Old Conroe Rd and Thunder Basin. We are very concerned about: 1) increased traffic on Old Conroe Rd if it were to be widened...especially if large trucks were to be permitted on it. The construction vehicles are already noisy. Also: 2) the intersection of Old Conroe Rd and 1488 is too congested and there is a large, dangerous pothole on the right side that needs repair. (by the entrance to Noe's crepes) 3) the center turn lane on 1488 seems dangerous. We already saw a head on accident the other day.		Old Conroe Rd
5/6/2021	9:01 AM	Engage Comment Map	User 62		Access and Connectivity	Connectivity	Connect Peoples to Gosling. It would save school buses from having to go 5 miles out of their way to access Stillwater kids. Also if this connection was made it might lessen congestion at SH242 and 1488		Peoples Rd;SH 242 @ Gosling Rd
5/6/2021	7:37 AM	Engage Comment Map	User 78		Safety	Safety	The intersection of Mill Creek Rd to 1488 is dangerous with the addition of the new Mill Creek Rd to Audubon, the old FM1488, and the u-turns made by drivers coming from the westbound 149, placing too many drivers in the center median heading various direction on a heavily used 1488.		FM 1488;FM 1488 @ Mill Creek Rd
5/6/2021	7:42 AM	Engage Comment Map	User 78		Safety	Delay, Safety	Drivers desperate due to congestion make poor decisions of when to enter 149, causing many near misses.		Spur 149;Spur 149 @ FM 149
5/10/2021	3:23 PM	Engage Comment Map	User 62		Safety	Safety, Sight Distance	Can not see vehicles approaching from the west while making a right turn from Pinecroft to Research Forest. Vegetation is blocking view.		Pinecroft Dr;Research Forest Dr @ Pinecroft Dr
5/10/2021	3:27 PM	Engage Comment Map	User 62		Safety	Safety, Illumination	Cannot see tiny turn median at night. Median curb needs to be painted with reflective paint.	There is luminaire on adjacent signal pole, but may not cover island as it is angled over Research Forest. Street lighting visible on Research Forest corridor, but not in NW corner of intersection. *****Observed safety issue - there is a curb ramp in NW corner that leads into Research Forest, but no crosswalk on that side.**	Holly Hill Dr;Research Forest Dr @ Holly Hill Dr

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5/10/2021	3:29 PM	Engage Comment Map	User 62		Congestion and Delay	Signal Timing	Signal timing needs to be improved on Research forest from IH-45 to FM2978. Some days every signal is red.		Research Forest Dr
5/10/2021	3:30 PM	Engage Comment Map	User 62		Safety	Flooding	Right lane holds water when it rains from IH45 to Shadowbend. Water does not drain well off road.		Research Forest Dr
5/10/2021	3:33 PM	Engage Comment Map	User 62		Congestion and Delay	Delay	Traffic backs up to Research Forest Park and Ride lot from signal at Gosling in evenings during soccer season (Aug-Dec and Jan-May). Takes about 10-15 min. to get to Gosling.		Marisco Pl;Gosling Rd @ Marisco Pl
5/10/2021	3:35 PM	Engage Comment Map	User 62		Safety	Safety	Two way stop sign at a 3 legged intersection. If your driving from P&R lot to Gosling and sitting at stop sign it is hard to tell if the approaching traffic is turning because they don't use their turn signal.		Marisco Pl;Marisco Pl @ Hidden Trail
5/10/2021	3:38 PM	Engage Comment Map	User 62		Access and Connectivity	Connectivity	Extend Pine forest from Vision Park to St. Lukes Way	Property between roads owned by SCI TEXAS FUNERAL SERVICE INC. with existing cemetery on eastern portion of property - may be barrier to roadway extension if land is intended as additional cemetery space. Cemetery agreed to road in a previous study because the road would provide alternative access to cemetery.	Pine Forest Dr
5/10/2021	3:38 PM	Engage Comment Map	User 62		Access and Connectivity	Connectivity	Extend Pine Forest to Wellman Rd.	There is existing paved trail on obvious extension route and appears to be in easement along edge of a couple of properties.	Pine Forest Dr
5/10/2021	3:41 PM	Engage Comment Map	User 62		Congestion and Delay	Delay, Signal Timing	Improve signal timing on SH242 in both directions.		SH 242
5/10/2021	3:42 PM	Engage Comment Map	User 62		Congestion and Delay	Delay, Signal Timing	Improve signal timing on FM1488 from IH45 to SH249 in both directions.		FM 1488
5/11/2021	7:12 PM	Engage Comment Map	User 94		Congestion and Delay	Delay	This game intersection is so bad in the morning between 7am-8:30 and 4pm-6:30. The left hand turn lane onto research gets way backed up. A lot of people turn into target to skip this light to turn left onto research forest. Also, turning right from research onto 2978 is horribly back up also. Morning solution add 2 left hand turn lanes and extend the left hand turn light to 45seconds. Evening solution. at the 1488/2978 intersection. Utilize north right hand lane on 2978 as a straight lane/right turn lane. Make two left hand turn lanes mandatory left and the other two lanes straight lanes.		FM 2978;FM 2978 @ Research Forest Dr

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
5/11/2021	7:17 PM	Engage Comment Map	User 94		Congestion and Delay	Delay	This game intersection is so bad in the morning between 7am-8:30 and 4pm-6:30. The left hand turn lane onto research gets way backed up. A lot of people turn into target to skip this light to turn left onto research forest. Also, turning right from research onto 2978 is horribly back up also. Morning solution add 2 left hand turn lanes and extend the left hand turn light to 45seconds. Evening solution. at the 1488/2978 intersection. Utilize north right hand lane on 2978 as a straight lane/right turn lane. Make two left hand turn lanes mandatory left and the other two lanes straight lanes.		FM 2978;FM 1488 @ FM 2978/Honea Egypt
5/11/2021	6:46 PM	Engage Comment Map	User 100		Safety	Safety, Bike	Expansion of this road is increasing danger to students, walkers, runners and bikers on the trail. Through traffic is using Waze and is literally “if you build it, they will come”		Kuykendahl
5/11/2021	6:50 PM	Engage Comment Map	User 100		Congestion and Delay	Delay, Access Management	This intersection often takes 2 cycles to clear existing vehicles. Shoppers are blocked from exiting RF and are forced to exit K the left on RF. Was reported to CR 2 years ago with no response to date	Not clear if shopping center referred to is NW or SW corner, or both. There is access to Research Forest about 800' west of the intersection, but exiting vehicles are restricted to right turn only (no thru or left for both sides of Research Forest).	Research Forest Dr;Research Forest Dr @ Kuykendahl Rd
5/11/2021	6:53 PM	Engage Comment Map	User 100		Safety	Safety	Drivers are driving on shoulder essentially turning this 2 lane street into 4 lanes. Very dangerous especially during school zone times	Not clear if comment is for Kuykendahl or Alden Bridge. There is shoulder only on one side of Kuykendahl. Alden Bridge has very narrow shoulder on both sides near school. Both streets have school zones.	Alden Bridge Dr;Kuykendahl Rd @ Alden Bridge Dr
5/11/2021	6:56 PM	Engage Comment Map	User 100		Safety	Pavement Markings	Lane lines are worn and need repainting		Gosling Rd
5/11/2021	7:00 PM	Engage Comment Map	User 100		Congestion and Delay	Delay	For north bound traffic on K, a right turn lane is needed at RF		Kuykendahl;Research Forest Dr @ Kuykendahl Rd
5/11/2021	7:04 PM	Engage Comment Map	User 100		Congestion and Delay	Delay, Access Management	Please remove road barriers blocking cross traffic and redirecting exit traffic causing significant delays at K @ RF intersection turning east and continuing southbound		Research Forest Dr;Research Forest Dr @ Alden Bend Dr
5/11/2021	3:19 PM	Engage Survey	User 116		Access and Connectivity	Connectivity	The proposed Magnolia Relief Route project is no longer needed now that FM 249 extends to FM 1774. That section provides a shortcut to the Renaissance Festival which seemed to be the main purpose of the Relief Route.		FM 1774
5/11/2021	8:25 AM	Engage Survey	User 154		Other	Outside PCT 2	This project must be linked to all other similar regional studies to ensure maximum coordination and therefore eventual TexDot funding.		

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5/12/2021	2:38 PM	Engage Survey	User 6		Congestion and Delay	Delay, Access Management, Safety	While I am confident that the exploding population in our area/county and associated additional vehicular traffic has a great effect in other areas of our County, I will concentrate my comments on the FM 1488 corridor in and just outside the City limits of Magnolia. I think we can all agree, that when it comes to the intersection (and immediate area) of FM 1488 and FM 1774 (on both sides of the R.R. Track) that this has become not only a ridiculously congested intersection, it also become a dangerous one. While TxDot did its best by planning and completing the flyover for FM 1774, this intersection remains an issue. In my humble opinion, there are four (4) main issues that plague this intersection - (1) The rail road - This being one of the busiest rail road tracks in all of Texas, it certainly does not help. (2) Poor planning by the City of Magnolia, allowing commercial businesses (particularly on the East side of the tracks) to develop that close to the intersection and have multiple approaches (driveways). (3) Let's pick on the City again - in addition to the commercial business in close proximity of that intersection, they continue to allow traffic to enter 1488 from Commerce street from both the north and south sides. While you have Melton Street on the East side of the intersection as well, it is controlled by a light - which actually gives people coming from the Exxon, Sonic, Whataburger (etc.) a better choice to re-join 1488 or go across. The problem with the west side is not necessarily with Commerce Street, its the human condition known as stupidity. Instead of exiting from Wal-Greens to the traffic control device (light) on 1774 - or to 10th street if you plan on going west on 1488 - people find it necessary to leave on Commerce and try to make their way straight across to avoid the traffic lights. Ditto for traffic coming from the other side of 1488 on Commerce. I can't tell you how many accidents (or near accidents) I have seen right there because the right-of-way traffic traveling in the opposite (blind) lanes have no idea one of these rocket scientist are fixing to pull out in front of them. I have even seen School buses do this?! While it would not be practical for the City to shut down Commerce - they could EASILY force the traffic coming from Commerce into a ONE-WAY turning option. Let the cattle drive in circles for a few days, they will quickly figure out that the traffic control devices at 1488 and 1774 are the better / safer option.		FM 1488;FM 1488 @ FM 1774
5/12/2021	3:21 PM	Engage Survey	User 57		Congestion and Delay	Delay, Access Management	1488 and 2978 is a disaster. Serious delays, massive traffic sitting and waiting, ingress and egress from shops on the corners are a mess.		FM 1488;FM 1488 @ FM 2978/Honea Egypt
5/12/2021	6:48 PM	Engage Comment Map	User 66		Access and Connectivity	Bike, Safety	Need safe pedestrian / bicycle crossing at I-45 and FM-1488		FM 1488;I-45 FR @ FM 1488
5/12/2021	6:49 PM	Engage Comment Map	User 66		Bike/Pedestrian/Transit	Bike, Safety	Need safe pedestrian / bicycle crossing at I-45 and FM-1488		SH 242;I-45 FR @ SH 242
5/12/2021	6:51 PM	Engage Comment Map	User 66		Bike/Pedestrian/Transit	Bike	Major gaps in pathway along College Park. Several amenities are inaccessible like schools, college, stadium, retail, hospitals, churches, etc...		SH 242
5/12/2021	6:53 PM	Engage Comment Map	User 66		Bike/Pedestrian/Transit	Bike, Safety	Wide shoulder available on 1488 but no protected pathway or lane available for bicycle riders or pedestrians due to the high speed traffic		FM 1488
5/12/2021	2:03 PM	Engage Survey	User 79		Access and Connectivity	Connectivity, Delay	Disagree with the extension of Old Conroe Magnolia Road. This will increase traffic and take away too much from existing front yards. Fish Creek Thoroughfare is sufficient as a N/S option.		Old Conroe Rd
5/12/2021	7:59 PM	Engage Survey	User 85		Congestion and Delay	Widening	Finish Widening and additional lanes throughout entire route from Nichols Sawmill all the way through to 99 ASAP. Complete two lane in each direction and turn median lane for all remaining N/S and E/W major routes throughout the entire precinct		Nichols Sawmill Rd
5/12/2021	2:51 PM	Engage Comment Map	User 89		Safety	Safety, Signal	A traffic light is needed, or some method to slow down traffic flow east bound on 1488. The downward slope combined with no traffic lights allow drivers to travel in speeds excess of 70 MPH. Multiple accidents occur exiting from the Mostyn Manor neighborhood.		FM 1488;FM 1488 @ Mostyn Dr

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5/12/2021	2:35 PM	Engage Survey	User 90		Congestion and Delay	Construction, Widening, School Traffic	FM 2978 around BBJH and BBIS is a disaster and has been for many years. This construction is way overdue. Ken Lakes Dr. needs to be widened to accommodate all the school bus traffic and car line traffic. It is ridiculous to have to bus barn for the east side of the district be on a road where the school buses cannot pull into traffic safely. Tamina Road could use some upgrades since this is being used by school buses as a cut through to avoid the FM 2978 and FM 1488 intersection.		FM 2978, Ken Lakes Dr, Tamina Rd
5/12/2021	3:45 PM	Engage Survey	User 93		Access and Connectivity	Connectivity	Please add more routes between 2978 and 1774. There are no good alternatives when there is a major accident on 1488.		FM 1774, FM 2978
5/12/2021	2:34 PM	Engage Survey	User 98		Safety	Flooding	Drainage should be improved along with any road improvements		MP2
5/12/2021	4:44 PM	Engage Survey	User 108		Access and Connectivity	Delay, Connectivity, School Traffic	We need to do something about connecting Magnolia to the woodlands. Extending woodlands parkway to 249 makes the most sense. Traffic on 2978 creates huge delays in commute times for me. Bear Branch Junior High and intermediate school need a better way to manage traffic.		
5/12/2021	2:38 PM	Engage Comment Map	User 111		Congestion and Delay	Delay, Safety	Traffic is backed up horrible in the mornings and evenings. The light for the turn lane is WAY to short in which we are waiting through multiple lights to make the left turn onto 1488. A lot of this congestion is cut through traffic from 2978 because taking 2978 all the way to 1488 is overly congested. Suggest widening Tamina or find a way to decrease the cut through traffic. The cut through traffic is horrible to residents of Westwood, especially when Ponderosa is being used as a quicker cut through which causes people to speed which is dangerous for our playing children.		Tamina Rd;FM 1488 @ Tamina Rd
5/12/2021	2:39 PM	Engage Comment Map	User 111		Safety	Delay, Safety	Ponderosa is being used as a cut through because of the congestion on Tamina which is dangerous to our children. People speed down this road really bad.		Ponderosa Dr;Tamina Rd @ Ponderosa Dr
5/12/2021	2:22 PM	Engage Survey	User 111		Congestion and Delay	Delay, Construction	If you live in the new magnolia area (2978 & 1488) it is a joke in the mornings regardless of the route taken. A commute that should take only 15 minutes to I-45 takes at a minimum 30 minutes, and that's on a good day. 2978 construction has taken WAY too long to be completed.		FM 1488, FM 2978
5/12/2021	4:01 PM	Engage Comment Map	User 120		Safety	Safety	Even with police assistance, traffic on 1488 makes entering and exiting this neighborhood highly dangerous. This is particularly challenging for the numerous young drivers in the area.		FM 1488;FM 1488 @ Thousand Oaks Blvd
5/12/2021	4:06 PM	Engage Comment Map	User 120		Safety	Safety, Sight Distance	North/south traffic moves quickly and there are many large trucks. With a limited line of sight, this is dangerous getting onto spur road from D-H road.		Spur 149;Spur 149 @ Dobbin-Hufsmith
5/12/2021	4:14 PM	Engage Comment Map	User 120		Safety	Safety	Drivers crossing traffic to head east on 1488 are causing a safety issue		FM 1488;FM 1488 @ Magnolia Cir
5/12/2021	4:14 PM	Engage Survey	User 121		Access and Connectivity	Connectivity, E/W Corridor	Need another alternative to 1488, besides research forest to get to 45		FM 1488
5/12/2021	3:19 PM	Engage Survey	User 158		Safety	Speed Limit	Speed limits may need to be re-evaluated. Some areas seem too low while others seem too high.		MP2

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
5/12/2021	2:07 PM	Engage Survey	User 159		Congestion and Delay	Delay, Safety	1774 and 1488 intersection still backs up at the light mainly because of the cement trucks and dirt 18 wheelers which cannot move as quickly through the light. Also, the dirt 18 wheelers use Old Hockley rd. through Old Hempstead rd. to avoid the flyover congestion which is extremely dangerous during school commuter traffic to Magnolia West. They run back and forth from 6:00 AM until dark which is also destroying the road surface and usually speed around the curves. It will take an act of GODLY proportions to get Union Pacific to agree to another rail road crossing in Old Magnolia. But, that would solve so many issues. Two crossings for as many people that live here is definitely not enough.		FM 1488, FM 1774;FM 1488 @ FM 1774
5/12/2021	1:42 PM	Engage Survey	User 162		Congestion and Delay	Signal Timing	Light timing so traffic MOVES...		
5/13/2021	6:43 AM	Engage Survey	User 48		Other	Roadway	could we use concrete instead of short life blacktop?. also middle turn lanes are not always an answer.		
5/13/2021	7:00 AM	Engage Survey	User 63		Congestion and Delay	Widening	The issues I ranked 4th-7th are all really pretty much tied - and they're all waaayy below those I ranked 1st-3rd. And in my opinion, we don't need MORE roads nearly as much as we need improvements made to EXISTING roads. And "improvements" doesn't just mean resurfacing the roads and straightening curves. Roads need to be widened and/or re-striped to add lanes. Bridges need to be widened to the same number of lanes as the roads on either side of them. More multi-lane left turn lanes are needed with traffic sensors rather than timers to control flow. And here's a biggie: There are miles of continuous left turn lanes on, for example, FM-1488 west of Magnolia and Hwy 105 east of Conroe with almost no side roads for anyone to turn left onto! Consequently, there are miles and miles of single lanes on those roadways where passing slower cars, farm vehicles and large trucks is impossible and congestion is commonplace. It's totally ridiculous.		
5/13/2021	12:51 AM	Engage Survey	User 114		Access and Connectivity	Connectivity, E/W Corridor	Need a better way to get to 45 from magnolia!!! Crazy how it takes me 45-60 mins to get to work when I can also drive from home to downtown!?!? How does that make sense! !?!?!		
5/13/2021	3:56 AM	Engage Survey	User 135		Access and Connectivity	Connectivity, Access Management	Tired of being "LOCKED" in subdivision behind railroad tracks (HH Estates) A real Community Center, Purvis Library needs an update	Hazy Hollow East Estates?	
5/14/2021	2:09 AM	Engage Comment Map	User 54		Congestion and Delay	Delay, Signal Timing	I believe the light here is not timed properly.	Pin is not near a signalized intersection. Closest is FM 1488 @ Carriage Hills; Deleted duplicate entry (same comment & location)	Carriage Hills?;FM 1488 @ Carriage Hills?
5/14/2021	2:11 AM	Engage Comment Map	User 54		Congestion and Delay	Delay, Signal Timing	Light is not synchronized.		FM 1488;FM 1488 @ Kuykendahl Rd
5/14/2021	4:23 AM	Engage Comment Map	User 54		Congestion and Delay	Delay	Is it time to install an overpass here? I think so.		FM 1488;FM 1488 @ FM 2978/Honea Egypt
5/14/2021	7:18 AM	Engage Comment Map	User 115		Access and Connectivity	Connectivity	Connect Honea-Egypt to Fishcreek thoroughfare.		Honea Egypt Rd, Fish Creek Thoroughfare
5/14/2021	7:23 AM	Engage Comment Map	User 115		Access and Connectivity	Connectivity, Safety, Flooding	Connect Corrolla to Grand lakes. When it floods the people cannot get in or out. Emergency responders can't respond to calls for help in there either.		Corrolla, Grand Lake Estates Dr

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
5/14/2021	7:29 AM	Engage Comment Map	User 115		Safety	Connectivity, Safety, Flooding	Connect Corolla to Grand Lakes to allow for quicker emergency response. especially during flooding. This area routinely floods.		Corrolla, Grand Lake Estates Dr
5/14/2021	8:31 AM	Engage Comment Map	User 149		Congestion and Delay	Construction	The stretch of FM 2978 from Research Forest to Hardin Store Rd has been under construction for FIVE YEARS!! It is time this road is finished!		FM 2978
5/14/2021	8:36 AM	Engage Comment Map	User 149		Bike/Pedestrian/Transit	Delay	The intersection of FM1488 and Egypt lane- is a big cause of backup on FM 1488 both directions.		FM 1488;FM 1488 @ Egypt Ln
5/14/2021	3:11 PM	Engage Survey	User 151		Congestion and Delay	Delay	The existing "mobility" plan specifically on 2978/Honea Egypt/Sendera/Fish creek has turned the intersection of 2978 & 1488 to gridlock. Unless something dramatic is done to alleviate the pressure on this north/south road (not keep the same) something like the over/underpass of Kurkendal & 1960 is the only solution. Traffic backs up at all daylight hours, alternate routes thru subdivisions (Westwood) are faster, putting more traffic & safety issues. The existing design was built for failure without a solution.		Fish Creek Thoroughfare
5/14/2021	2:50 PM	Engage Comment Map	User 153		Congestion and Delay	Delay	Because of dense traffic, it's often difficult to turn onto FM 2978.		FM 2978;FM 2978 @ Woodlane Blvd
5/14/2021	2:51 PM	Engage Comment Map	User 153		Congestion and Delay	Delay	The left turn from Woodlands Parkway onto southbound FM 2978 often backs up a long way.		FM 2978;FM 2978 @ Woodlands Parkway
5/14/2021	2:52 PM	Engage Comment Map	User 153		Safety	Safety, Curve	The banking on this curve is terrible. It is banked reverse to the way it should be, for safety.		Hardin Store Rd;Hardin Store @ FM 2978
5/14/2021	2:48 PM	Engage Survey	User 153		Bike/Pedestrian/Transit	Transit	People don't move here expecting to be able to take a transit bus directly.		
5/15/2021	8:45 PM	Engage Survey	User 50		Safety	Safety, Local Traffic	There is too much traffic cutting thru The Woodlands/Alden Bridge to avoid congestion at 2978, 1488 and Kuykendahl since the roads were opened at Research Forest and Kuykendahl. This has not only increased traffic in residential areas (!) it has meant more speeding thru our neighborhoods with near zero enforcement of speeders. The roads were NOT meant be like this and if it was indeed 'the plan' there is a substantial lack of planning happening in Pct. 2/The Woodlands/Alden Bridge. :(Not to mention a total complete utter failure on the part of James Noack and his communication with residents. He instead is a petulant child when questioned about his over abundance of new stop lights with ZERO resident input.		Alden Bridge
6/4/2021		Engage Comment Map	User 146		Other	Local Traffic	Traffic cutting through residential neighborhood Westwood on Conroe-huffsmith and Mahogany Way. This has become a huge issue for residents. I invite you to watch the traffic when people are going to work or coming home from work. I think if the access to the neighborhood at Pyle and 2978 and mahogany way and 2978 were blocked off, the issue would be resolved. For businesses on Pyle, the road block could be placed at Pyle and weisinger.		FM 1488 @ FM 2978/Honea Egypt

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 110		Congestion and Delay	Signals	Is there a traffic signal proposed at FM 1774 and Nichols Sawmill Road?	Catie – The signal showing is the intersection of Nichols Sawmill and Commerce. Kyle Montgomery – That intersection is a problem, but not sure about a proposing a traffic signal at that location. Commerce is so close to Nichols Sawmill Road; if there was a signal there, it would cause traffic to back up on FM 1774. Catie – The lights would have to be timed. Kyle – There is only 40 yards between Commerce and Nichols Sawmill Road. Carlene – We would have to look at something else other than a traffic light.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 101		Bike/Pedestrian/Transit	Bike	I travel 1488 quite a bit and I cannot imagine putting a bike path on FM 1488.	Carlene – There is a bike path on FM 1488 right now. JoDell – There are rarely bikers on the existing path. I love the idea of creating a bike path within an easement. Even with a car you can barely cross FM 1488.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 112	Resident of Montgomery County	Congestion and Delay	Widening	Kuykendahl needs to be 4 lane all the way from Research Forest to FM 1488. Most of it now is 2 lanes, but we need to finish up with 4 lanes. It should start at Research Forest. It would be clearer if the bullet on the slide indicated to finish Kuykendahl from Research Forest to FM 1488 to 4 lanes.	Carlene – We will extend the line on the map.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 140	Westwood Magnolia Parkway Improvement District	Congestion and Delay	Widening	Steve, I thought they were working on that (Kuykendahl from Research Forest to FM 1488) now?	Steve - They are working on everything east of that in Precinct 3, but not in Precinct 2. We also need Research Forest all the way to FM 1488 in Precinct 2.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 101		Access and Connectivity	New Roads	Where could we have a thoroughfare from Magnolia to I-45?	Carlene – We do not know currently. Unfortunately, development is blocking the ability to connect. There are a lot of homes developed in the area. It will be very difficult. RL – I remember with the connection to Memorial, they had to condemn some homes. Carlene – There was a comment made that we may have to purchase homes and/or businesses which is difficult to do and very sensitive. Carlene - Unfortunately thoroughfare plans were not enforced. JoDell – How does that happen? Carlene – They don't enforce the thoroughfare plan with the developers. The thoroughfare plans are developed to focus on the good of the area. Barbara – We know Mont C. is updating the thoroughfare plan and we want to make sure the major thoroughfare plan is responsive to where the needed improvements are. We have been in contact with the specialist working on the Major Thoroughfare Plan and we are working in tandem with them. Some of the recommended projects that come out of this Mobility Study will be included in the thoroughfare update. Carlene - Roads do not end at county boundaries. Steve – Commissioner Noack (Precinct 3) is doing some planning also and the plans need to be integrated into one Master Plan.	

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 101		Other	Outside PCT 2	Carlene, you do coordinate with the other precincts, right?	Carlene – Yes, we do. We visited with Andi DeBois at Commissioner Noack's office. We communicated back and forth. We have had discussions with them and Commissioner Precinct 1 (Walker) and Commissioner Metts (Precinct 4) as well.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 101		Congestion and Delay	Roundabouts	Are there certain traffic patterns (volumes) where you would not want to construct round-abouts?	Carlene – Yes, there is a certain traffic volume where round-abouts do not function well. Catie – I do not know the exact volumes. JoDell – I know the speed limit on FM 2854 is 60 MPH and was not sure about a roundabout at that location.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 112	Resident of Montgomery County	Other	Signals	Are all roads in the county included in North Star?	Carlene – Mont. County is all on North Star system; however, the counties do have control over state roads yet. The state controls the state roads, but they are working on that.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 101		Other	Signals	What about emergency equipment? Doesn't it throw the system off? Is it an automatic system or coordinated through a central location?	Catie – Typically, each intersection has a censor for each approach, but they are designed to work back into one coordination pattern. It does not happen instantly, but it does work in coordination.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 127	H-GAC	Access and Connectivity	New Roads	Carl or Brent, are there any roads you are working on with Commissioner Riley that we do not have shown on the map?	Carl – No, I think during the previous meetings and discussions, we included our roads, so they are shown. Rob Eissler – To add to what Carl said, we have some dotted lines that we are considering for future possibilities. Carlene – Even if the ideas are long shots, we would like to know. Carl – The ideas that are long shots are the green dotted lines on your map already, so they are shown.	
6/24/2021	2:00 PM	Virtual Steering Committee Meeting #4	User 123		Other	Roundabouts	Regarding round abouts, it depends on how many lanes are approaching the circles. For 1 lane it is about 25,000 vehicles and for 2 lanes is about 50,000 vehicles. I can share a link for Fed Highway guidance	Carlene – It is important to make sure the round-abouts are well thought out. Some are not laid out well and causes weaving. Steve – Some of the older round-abouts are not well designed. Brent – I noticed a round-about in Shenandoah that had issues with large truck trailers hitting the middle of the round-about. I've seen other with weaving issues. Carlene – Maybe Shenandoah is not quite large enough to accommodate the 18 wheelers. Catie – Sometimes they have truck aprons to accommodate trucks through the round abouts and can be considered in the ultimate design.	
9/15/2021	1:00 PM	Steering Committee Meeting #5	User 4	TxDOT	Congestion and Delay	Widening	Widening of Spur 149 not feasible in short term due to ROW constraints (currently about 75' ROW) •Will take at least 5-10 years •Near Spur 149 and FM 1488, developers are donating ROW to add turn lanes for intersection (about 1000' along corridor)		Spur 149
9/15/2021	1:00 PM	Steering Committee Meeting #5	User 92	The Woodlands Area Chamber of Commerce	Congestion and Delay	Widening	asked if Kuykendahl Rd south of Research Forest is being widened	Carlene: already 4 lanes	Kuykendahl Rd

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
9/15/2021	1:00 PM	Steering Committee Meeting #5	User 92	The Woodlands Area Chamber of Commerce	Other	Signals	asked if Flashing Yellow Arrows (FYA) being considered for left turns with good visibility	SH 242 at Gosling; FM 1488 at Windcrest •Adam Galland: TxDOT has been more willing to install FYA, but holds firm to design restrictions such as speed limit. City of Conroe has made requests for FYA.	
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 138	Montgomery County Traffic Engineer	Other	Roundabouts	Some roundabouts may not be feasible in short term because require ROW acquisition – roundabouts aren't small. County roads don't have a lot of ROW in some of proposed locations.		
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 138	Montgomery County Traffic Engineer	Other	Signals	Traffic control change will need warrant study	•Catie Reid: Agree – suggested traffic control change locations will need warrant analysis study before changes can be made. Synchro analysis has been done for most suggested locations, but in depth study should be completed for each location.	
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 70	Magnolia ISD	Congestion and Delay	Widening	Nichols Sawmill widening – is it specified to be 4 lanes with center turn lane? Current widening by Precinct 2 is only adding center turn lane with one through lane each way.	•Carlene Mullins/Catie Reid: Yes, suggested widening to 4 lanes •Joe: agrees that additional capacity would be good •Carlene: It would be better to have raised median on corridor for safety	Nichols Sawmill Rd
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 112	Resident of Montgomery County	Congestion and Delay	Overpass	Intersection of FM 1488 & FM 1774 with railroad tracks – is overpass being considered?	•Carlene Mullins: yes	FM 1488 @ FM 1774
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 112	Resident of Montgomery County	Congestion and Delay	Development	Spur 149 & FM 1488 – shopping center/HEB development - entrance & exits onto FM 1488 - Considering changes to intersection?	•Carlene Mullins: mid-term intersection improvements and widening Spur 149. Long-term widening FM 1488 and proposed extension of Spur 149 north of FM 1488. •Kyle Montgomery: advised by planning that will have additional 3 signals to help traffic in and out of commercial developments. Safer for people entering and exiting. 2 on FM 1488 and 1 on Spur 149. •Adam Galland: 1 signal at gated neighborhood, and one to east. Both FM 1488 signals will be to east of Spur 149 (FM 1488 at Heritage Ln; FM 1488 at Community). Typically add signal with big retail development. Traffic impact analysis was done for development. At least 1000' spacing between signals on FM 1488. New signal on Spur 149 may have less than 1000' spacing. Developer donating land to widen spur near intersection (4 lanes on Spur 149 for small section of road; Some added tune lanes for 1488 intersection). Developer wants signal west of the Spur - TxDOT will consider only if there is issue after development built. TxDOT required driveway at new signal to be aligned with Heritage Ln. Driveway at Community already aligned. •Rick Wong: coordinating signals? oAdam Galland: assume signals will be connected – controlled by district office	
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 138	Montgomery County Traffic Engineer	Other	Signals	Commissioner Riley talked about taking over signals in Precinct 2 from TxDOT on TxDOT facilities •May not be feasible with current size of department •Could increase response times		

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 4	TxDOT	Other	State Forest	Asked if have looked at legislation related to protection of Jones State Forest •No development allowed •Should not prohibit FM 1488 expansion •Road might have to be controlled access •Related to TAMU adding development on site •Carlene Mullins: if not possible to go through Jones State Forest, could go to east of Forest, but would reduce connectivity •https://capitol.texas.gov/tlodocs/86R/billtext/html/SB00345F.htm		
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 127	H-GAC	Other	Flooding	Land on east side of proposed Gosling Rd in flood plain – could develop parks and sports fields (e.g., soccer, baseball softball fields) adjacent to road to provide flood mitigation area •Would provide practical use for lane when not flooded •Serves as water retention area during flood event •Example along Cypresswood Dr	•Joe Dives: Meyers Park is the name of park example – has hiking trails and dog parks; Very popular/high usage	
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 92	The Woodlands Area Chamber of Commerce	Congestion and Delay	Widening	Asked about number of lanes for Research Forest widening	•Carlene Mullins: 6 lanes	Research Forest Dr
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 112	Resident of Montgomery County	Congestion and Delay	Widening	Need 4 lanes on Kuykendahl from Research Forest to FM 1488	•Carlene Mullins: Have in short term recommendations	Kuykendahl Rd
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 70	Magnolia ISD	Safety	Safety, Flooding	Decker Prairie is very windy and prone to serious flooding – changing alignment to be straight is good recommendation		Decker Prairie Rd
9/29/2021	3:00 PM	Steering Committee Meeting #5B	User 138	Montgomery County Traffic Engineer	Bike/Pedestrian/Transit	Bike, Safety	Jutting curbs put in for pedestrian safety; Can modify to better accommodate bicycle	JJ Hollie: talked to Commissioner Noack's office about jutting curbs safety issue. Keep jutting curbs, but provide more separation between road lane and curb - at least 2 ft. Currently cyclists forced out into road traffic. Change to "modify", rather than "remove" to preserve pedestrian safety and improve safety for cyclists.	Research Forest Dr
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Access and Connectivity	New Roads	Superior Rd extension would provide alternative to I-45		Superior Rd
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Access and Connectivity	New Roads	New Road 11/Mansions Blvd. extension necessary for region		
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Congestion and Delay	Capacity	Is widening of lanes on FM 2854 included?	Yes	
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Access and Connectivity	New Roads	Would need direct connect for New Road 11/Mansions Blvd. to I-45 if not connecting to FM 1488. Possible connection to River Plantation.		
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 164	City of Conroe	Access and Connectivity	New Roads	Likes the idea of connection from New Road 11/Mansions Blvd. to I-45		
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 157	Resident of Shenandoah	Other	Local Traffic	Can expect resistance from City of Shenandoah on some recommendations in that area		
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 73	Montgomery County Precinct 2	Access and Connectivity	New Roads	Would like New Road 7 removed [note – connects Sendera Ranch (has 2 entrances/exits very close to each other on the same road) to Red Oak Ranch/Lake Creek Forest (only has one entrance/exit)]		New Road 7
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Access and Connectivity	New Roads	Remove New Road 11 from New Road 8 to FM 1488. Smooth curve from Old Conroe Rd to New Road 8.		New Road 11
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Access and Connectivity	New Roads	Remove Woodforest/Corrolla extension west of Superior Rd		Woodforest/Corrolla

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Access and Connectivity	New Roads	Remove Superior Rd extension		Superior Rd
4/19/2022	10:30 AM	Steering Committee Meeting #6	User 160		Access and Connectivity	New Roads	Adjust Atkinson Ln alignment due to development.		Atkinson Ln
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Access and Connectivity	New Roads	Pine Forest Extension: current City Council opposed; saw issues during Hurricane Harvey which would have been alleviated by extension; When future I-45 construction starts, there will be regional traffic issues in Shenandoah		Pine Forest Dr
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Access and Connectivity	New Roads	Grade separation at Vision Park & I-45: flyover removed from MTFP		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Congestion and Delay	Local Traffic	City Council does not want an increase in traffic on Grogan's Mill		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Congestion and Delay	Local Traffic	Residents concerned about more incoming traffic to Shenandoah region		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Congestion and Delay	Turn Delay	Existing right turn bay in southwest corner of Research Forest at Grogan's Mill is the smallest at intersection. Extending that eastbound right turn lane would make a huge impact.		Research Forest Dr;Research Forest @ Grogan's Mill
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Bike/Pedestrian/Transit	Transit	Will there be a stop in Shenandoah for express route?	Depends on demand. Preliminary recommendation and routes/stops not decided. Could potentially have stop without parking along route.	
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Bike/Pedestrian/Transit	Transit	Shenandoah has discussed potential shuttle service to airport, etc. to be looked at.		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Bike/Pedestrian/Transit	Transit	Mesquite area used high school football stadium parking as shuttle stop M-F. Could identify and use similar locations in this area for express route or P&R.		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Congestion and Delay	Priority	There is resistance in community to some of recommendations. People don't want traffic when they are in their backyard but may appreciate when in their car. To convince them that recommendation is the best solution, need to show that to solve the problem, the other alternatives considered were not as good or don't work.		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Safety	Overpass	Keenan Cut-Off overpass has been a huge improvement for safety.		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Congestion and Delay	Overpass	Can see overpass at Vision Park bring some traffic away from Grogan's Mill, but also bringing additional traffic to corridor for those trying to avoid I-45 at Research Forest interchange. Pros and cons to every option.		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Access and Connectivity	Mobility Issues	Not a lot of parallel roads to provide route alternatives in this region. If there is an issue on I-45, can cause major issue.		
5/4/2022	10:00 AM	Shenandoah Focus Group Meeting	User 160	City of Shenandoah	Other	Roundabouts	Vision Park Roundabout – was it planned to have north-south road connected on north side of roundabout? Road was originally programmed in the past, but city council approved putting neighborhood and preventing roadway from going in. Probably about a 10' strip left. Could a shared use path be added?		
5/4/2022	2:00 PM	Conroe Focus Group Meeting	User 160	City of Conroe	Safety	Illumination	City of Conroe does install streetlights (County does not)		
5/4/2022	2:00 PM	Conroe Focus Group Meeting	User 160	City of Conroe	Bike/Pedestrian/Transit	Transit	City of Conroe is eliminating carpool lot at Gladstell (not being utilized for carpool – instead used for 18 wheeler parking).		

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Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
5/4/2022	2:00 PM	Conroe Focus Group Meeting	User 160	City of Conroe	Bike/Pedestrian/Transit	Bike	City of Conroe recently finished study on hike & bike trails. TxDOT is putting in “Share the Road” signs on FM roads near Conroe.		
5/4/2022	2:00 PM	Conroe Focus Group Meeting	User 160	City of Conroe	Congestion and Delay	Development	There is a development planned along north side FM 2854 west of Old Highway 105 (east of McCaleb Rd/Fish Creek Thoroughfare) where proposed Keenan Cut Off extension is located. New development being voluntarily annexed into City of Conroe ETJ for use of water and sewer. May have to re-plat if lot size requirements are altered. Can mention MTFP and potential redesign so roadway can pass through development.		
5/4/2022	2:00 PM	Conroe Focus Group Meeting	User 160	City of Conroe	Other	Barriers	You can see a lot of the barriers from San Jacinto and other waterways.		
5/4/2022	2:00 PM	Conroe Focus Group Meeting	User 160	City of Conroe	Access and Connectivity	New Roads	Biggest task for City of Conroe is progressing Old Conroe Rd. Several hurdles going through TxDOT due to federal funding.		Old Conroe Rd
5/5/2022	10:00 AM	Magnolia Focus Group Meeting	User 160	City of Magnolia	Congestion and Delay	Intersection Congestion	Buddy Riley Blvd at Melton St is bad intersection. Worse than Melton at FM 1774; FM 1774 at Buddy Riley backs up & can block intersection; School traffic takes forever to clear out; Short cycle length for traffic signal; May be helpful to adjust cycle length/splits to provide more green time for Buddy Riley St at certain times of day		Melton Rd
5/5/2022	10:00 AM	Magnolia Focus Group Meeting	User 160	City of Magnolia	Congestion and Delay	Access Management	Nichols Sawmill Rd at Commerce St: Could force drivers to turn right only – has been discussed by City of Magnolia		Nichols Sawmill Rd @ Commerce St
5/5/2022	10:00 AM	Magnolia Focus Group Meeting	User 160	City of Magnolia	Access and Connectivity	New Roads	Cost prohibitive to buy the needed ROW for new east-west/north-south corridors		
5/31/2022	10:00 AM	Focus Group Meeting (The Woodlands)	User 160		Bike/Pedestrian/Transit	Bike	For new roads and roadway widening, what is the shoulder policy? Shoulders helpful for getting bikes out of the way of vehicular traffic and providing a safe place to ride.	Roads that we are recommending will have shoulders. Honea Egypt Rd specifically recommended for widening shoulders (not lanes) to accommodate bicycles. Most of new roads currently being built have shoulders/accommodations for bicycles.	
5/31/2022	10:00 AM	Focus Group Meeting (The Woodlands)	User 160		Congestion and Delay	Signals	What happens to adjacent signals on route with added Continuous Green T signal? There are several other signals along FM 2978 near Woodlands Pkwy location.	Would need to adjust coordinated signal timing to account for changes to intersection timing where continuous green added.	
5/31/2022	10:00 AM	Focus Group Meeting (The Woodlands)	User 160		Congestion and Delay	Widening	For Continuous Green Ts on FM 1774 (@ Nichols Sawmill Rd and @ FM 1486), there may be constrained ROW with adjacent RR tracks and commercial developments. Will widening be needed to accommodate?	With existing center turn lane, a Continuous Green T most likely can be accommodated within existing roadway footprint or with limited additional ROW needed. Each location will need to be evaluated in greater detail to confirm if feasible or not.	
5/31/2022	10:00 AM	Focus Group Meeting (The Woodlands)	User 160		Bike/Pedestrian/Transit	Transit	Where in The Woodlands would the express route go to?	Exact route has not been decided. Possibly to Town Center.	
5/31/2022	10:00 AM	Focus Group Meeting (The Woodlands)	User 160		Bike/Pedestrian/Transit	Bike	Likes the concept of using rivers, creeks, flood plains, and utility easements to add active transportation corridors. What would be the steps to make them a reality? Roads would presumably get higher priority over hike/bike trails. Would you need someone in Precinct 2 to take over?	Need someone to take charge and coordinate with any relevant associations/organizations/companies. Process can start with Bike Coalition, etc. to start coordination process with County and easement owners. H-GAC could sponsor, and County could implement. Requires a lot of coordination.	
5/31/2022	10:00 AM	Focus Group Meeting (The Woodlands)	User 160		Other	Priority	When plan is finished, is there an order in which projects are supposed to take place?	Recommendations are separated into short-term and long-term, but otherwise it is up to Precinct 2 to determine which projects to implement and in what order.	
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Access and Connectivity	Median	Will raised medians be like the ones going in on FM 2920 in Tomball?	Yes	

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Congestion and Delay	Signal Timing	Is signal coordination recommendation because there is a lack of existing coordination?	Recommended where either does not currently exist or where existing coordination is not working efficiently.	
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Other	Roundabouts	Concern about roundabouts on high speed roads from Commissioner Riley due to needed speed reduction. In favor of roundabouts, but people often don't know what to do when they approach one. Need to figure out how to educate people in Montgomery County on using roundabouts.		
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Other	Roundabouts	Has there been feasibility study to see if roundabouts can alleviate traffic backup?	Depends on road volume. There is a limit past which roundabouts are no longer effective.	
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Other	Roundabouts	Are there statistics to show that traffic moves faster with roundabouts, and what are the accidents like?	Studies have shown that roundabouts are safer than traditional 4-way intersection due to lower speeds and fewer conflict points. Additionally, roundabouts increase the traffic capacity and have less delay compared stops sign or signal when operating at or below capacity.	
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Other	Roundabouts	Suggestion: Add roundabout at Keenan Cut Off and FM 2854	•Commissioner Riler: A signal is going in at that location soon •Comment: traffic is an issue here during school traffic times	FM 2854;FM 2854 @ Keenan Cut Off Rd
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Other	Continuous Green T	Suggested Continuous Green T-intersection for FM 1488 at SH 242		SH 242;SH 242 @ FM 1488
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Other	Preemption	Would like GPS preemption to be considered for installation at several intersection. GTT is the most common manufacturer. There are some existing in County. Some challenges working with TxDOT to implement at their intersections. Can't use when there is construction. Often new signal put in without preemption between existing intersections that have it, which limits usefulness. Challenging to keep up with new signals. There are about 200 in the County, and about 7 in Precinct 2 area. Does hospital district have funding for preemption? Commissioner Riley requested list with priority intersection to install preemption. Fire department/hospital district will make a prioritized list.	There was a regional grant and hospital district planned to match funds but did not get grant. Instead used funding for key intersection only. Installing about 10-20 a year. Costs about $7,000-9,000 per intersection at an existing signal.	
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Other	Funding	Need to consider differences in precincts, as they all have different maintenance needs. Precinct 2 has more maintenance requirements than Precinct 3, so there is less funding available for new roads. Implementing depends on the funding available. TIP process is time consuming and comes with strings attached.		
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 61		Congestion and Delay	Intersection Congestion	FM 1488 at FM 1774 with the railroad is one of the worst intersections in the state. Magnolia Relief Route will help to alleviate.		
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Access and Connectivity	Access Management	Would Milton at FM 1488 to be closed due to safety and mobility issues.		
6/1/2022	1:30 PM	Focus Group Meeting (MP2 Office)	User 160		Access and Connectivity	Access Management	Would like to close Spur 149 at FM 149 near RR tracks and change to cul-de-sac and force people to use the overpass/interchange at FM 1488 and FM 149. TxDOT would like Precinct 2 to take over responsibility for Spur 149 but does not want it to be closed.		
7/15/2022	10:00 AM	Steering Committee Meeting #7	User 97	TxDOT	Congestion and Delay	HOV	Add HOV lane on IH-45 from FM 1488 to SL 336		I-45
7/15/2022	10:00 AM	Steering Committee Meeting #7	User 49	Montgomery County Precinct 2	Access and Connectivity	Access Management	Add closing Melton St from FM 1488 to Smith Rd. Would like signal to be removed. Expect resistance from City of Magnolia		Melton St;FM 1488 @ Melton St

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
7/16/2022	2:57 PM	Email (After Focus Group Meetings)	User 136	Bike The Woodlands Coalition	Bike/Pedestrian/Transit	Bike	Hi all, It is clear, after digging into the HGAC recommendations, that you all have done a good job of identifying pathway options in Precinct 2. It will be exciting if even a fraction of these recommendations is implemented. Your recommendations raised the possibilities of using pipeline or powerline rights of way. Out of personal interest, I attempted to identify what right of way potential exists in the precinct. (You may already have done this.) In part, my interest was sparked by Commissioner Riley's comment in the June 1st meeting, that he is more enthusiastic about pathways that are not adjacent to roads. I was especially interested in whether Centerpoint is operating in the area, in light of the agreement they did in Harris County. It turns out that many powerline and pipeline rights of way appear to exist, which could provide flexibility in the future. Attached is a pdf that shows that info, FYI. Looking ahead to your final report, I was wondering whether it might be worth mentioning a couple things. First, that Centerpoint has powerlines in Precinct 2, and second, that many pipeline rights of way exist that could provide flexibility in planning pathway projects. As far as pathways over pipelines, I was pleased to discover that there is precedent in Montgomery County (in the Woodlands) for roads and pathways being built on top of pipeline rights of way. (There are also examples from other states.) As Commissioner Riley mentioned in the June 1st meeting, Precinct 2 has a new 391 acre park planned which is right along the proposed Lake Creek pathway. I don't know if it would be in the scope of your final report to include this new development, but it would make a great story to show that two of the HGAC-recommended pathways connect to this new planned park. I have showed this area in the attached pdf. Below are two links about that project. https://www.yourconroenews.com/neighborhood/moco/news/article/Developer-gives-nearly-400-acres-to-Montgomery-16705027.php https://commprecinct2.org/	Have added planned park land to map. Proposed SUP already connects.	
7/19/2022	9:45 AM	Email (After Focus Group Meetings)	User 118	North Houston Association	Other	Priority	I wanted to reach out and express our appreciation for including three of NHA's top mobility projects in your draft recommendations for the Montgomery County Precinct 2 Mobility Study. Specifically, those projects are: Magnolia Relief Route Widening of Loop 336 Old Conroe Road		
7/19/2022	9:45 AM	Email (After Focus Group Meetings)	User 118	North Houston Association	Other	Outside PCT 2	Also I wanted to ask for consideration of the following two projects in our Strategic Mobility Plan that are not included: 1. FM 1097 from SH 75 to the east of UPRR – align intersection and provide a new railroad grade separation (we understand that anything involving the railroad is costly) 2. David Memorial – extend north to SH 242 (I believe this may be something that would be funded by the city of Shenandoah, but I wanted to include it since it's on our list and would provide an excellent relief to the I-45 frontage road congestion in that area.	Suggested projects are outside of Precinct 2. FM 1097 is located in Precinct 1 and David Memorial is in Precinct 4.	
8/4/2022	6:00 PM	Public Meeting #2	User 10		Other	Roundabouts	Careful overdoing roundabouts. They require a lot of land and work for moderate traffic. I've seen nightmare examples.		
8/4/2022	6:00 PM	Public Meeting #2	User 10		Congestion and Delay	Signal Timing	Use greenwave/synchronization technology to tie timing of traffic lights when possible.		
8/4/2022	6:00 PM	Public Meeting #2	User 10		Safety	Safety	Please help with intersection of FM 2978 & FM 1488. It has become very unsafe		FM 1488 @ FM 2978
8/4/2022	6:00 PM	Public Meeting #2	User 10		Access and Connectivity	Connectivity	With strategic planning connect some of the existing dead ends to allow more traffic in there and divert traffic more some major roads. For example you can go on Miller road and get to a dead end after 2 miles! (It is between FM 2978 & FM 1488)		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/4/2022	6:00 PM	Public Meeting #2	User 51		Other	Roundabouts	1) Add Roundabouts - Improved Safety - Reduce hold time - Save Fuel 2) Add Roundabouts - Improved Safety - Reduce hold time - Save Fuel 3) Add Roundabouts - Improved Safety - Reduce hold time - Save Fuel 4) Add Roundabouts - Improved Safety - Reduce hold time - Save Fuel 5) Add Roundabouts - Improved Safety - Reduce hold time - Save Fuel ->Millions of gallons per year		
8/4/2022	6:00 PM	Public Meeting #2	User 51		Safety	Illumination	Need a street light at the intersection of Grand Pines and Rover Cemetery + Mueshke Rd. - Very dark at night (Included graphic showing intersection)	County does not install street lighting. Can request for intersection. Added as intersection safety recommendation.	
8/4/2022	6:00 PM	Public Meeting #2	User 12		Remove Recommendation	New Roads	Please DO NOT come through Magnolia Crossing!!	Extension has been removed.	Magnolia Ridge/Oak Crossing/Magnolia Crossing)
8/4/2022	6:00 PM	Public Meeting #2	User 13		Remove Recommendation	New Roads	NO OAK CROSSING Thorn fare (thoroughfare?)	Extension has been removed.	Magnolia Ridge/Oak Crossing/Magnolia Crossing)
8/4/2022	6:00 PM	Public Meeting #2	User 14		Bike/Pedestrian/Transit	Bike	Rumble Strips - if you want cyclist to the Right of the white line (as far away from cars as possible) don't put the rumble strip in that area. I have seen rumble strips in TX that are as wide as the white line & on the white line	Commenter mentioned FM 149 as an example. Shoulders are wide enough to cycle in, but the rumble strips are offset to the right of white shoulder line and are very wide, taking up most of shoulder. Catie observed this on drive after public meeting. Commenter not opposed to rumble strips, and would even like to have them between vehicle and cyclist in shoulder, but would like them to be appropriately placed. Very uncomfortable to ride bike over rumble strips.	FM 149
8/4/2022	6:00 PM	Public Meeting #2	User 14		Congestion and Delay	Widening	Spur 149 - needs widening! -> How does this promote safety & less congestion	Was removed per Commissioner Riley	Spur 149
8/4/2022	6:00 PM	Public Meeting #2	User 14		Safety	Safety	Traffic light @ 149/Spur 149 - already major accidents - why remove?	Was removed per Commissioner Riley. Alternate	FM 149 @ Spur 149
8/4/2022	6:00 PM	Public Meeting #2	User 83		Congestion and Delay	Intersection Congestion	#1 priority is relief of FM 1488 & FM 1774 - need relief roads Now!		FM 1488 @ FM 1774
8/4/2022	6:00 PM	Public Meeting #2	User 15		Remove Recommendation	Widening	Remove the widening of Grogans Mill from 2 lanes to 4 lanes. Per Charlie, now widening! That will be removed. =) Thank you.	Will remove widening of Grogan's Mill	Grogan's Mill
8/4/2022	6:00 PM	Public Meeting #2	User 16		Congestion and Delay	Turn Delay	The right-hand turn (acceleration lane) from Grogan's Mill (south) onto Research Forest (west). This is the first construction step to Commissioner Riley's construction plans. Engineer John Bleyl & Commissioner Riley presented a plan for this intersection. The slide in the presentation does not show the acceleration lane.	This was not a recommendation of this study. It was recommended by Bleyl Group. Will add to map and note that the recommendation was made by another study and incorporated into this one.	Research Forest @ Grogan's Mill
8/4/2022	6:00 PM	Public Meeting #2	User 16		Remove Recommendation	Widening	The plan shows Grogan's Mill Road north of Research Forest scheduled for widening (& subsequent restriping). At tonight's meeting, Commissioner Riley stated that Grogan's Mill Rd. north of Research Forest was not going to be widened to four lanes. Could this please be changed on the plan to remove the widening of Grogan's Mill Rd. north of Research Forest. Thank you, H-GAC! Massive thank you to Commissioner Riley!	Will remove widening of Grogan's Mill	Research Forest @ Grogan's Mill
8/4/2022	6:00 PM	Public Meeting #2	User 117		Remove Recommendation	New Roads	No Tree Farm Road. It disrupts wetlands and bi-sects our land, would isolate 38 acres. Charlie said it was not going to be a valid road.	Will remove extension of Tree Farm Rd per comment and response from Commissioner Riley	Tree Farm Rd
8/4/2022	6:00 PM	Public Meeting #2	User 17		Access and Connectivity	Median	Please do something to the raised medians to make the streets more appealing or attractive to drive. 1774 just looks like a drag strip with the current layout.		FM 1774;FM 1488 @ FM 1774

Public and Steering Committee Comments (October 2020 to August 2022)

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/4/2022	6:00 PM	Public Meeting #2	User 17		Remove Recommendation	Overpass	Also not a fan of the relief route overpass idea at 1774 over the tracks	~~Will remove the overpass~~	FM 1774
8/4/2022	6:00 PM	Public Meeting #2	User 18		Congestion and Delay	Turn Delay	1. Add turn lanes & widen Decker Prairie at intersection of Decker Prairie & SH 249 (west side) 2. Add turn lanes & widen Hardin Store at intersection of Hardin Store @ SH 249 (east side of same intersection)		SH 249 @ Decker Praire/Hardin Store
8/4/2022	6:00 PM	Public Meeting #2	User 18		Congestion and Delay	Signal Timing	3. Need to put in smart light at Woodtrace & SH 249. Light is too long on Woodtrace when no traffic on SH 249 Feeder.	Added signal timing intersection recommendation	SH 249 @ Woodtrace
8/4/2022	6:00 PM	Public Meeting #2	User 106		Remove Recommendation	New Roads	New road being put in on my property on 818 Buckhorn Ln. Really puts my family in a bad spot. We live on almost 5 acres. Your plan is to cut that in over half. My wife and I have raised both our boys ages 5 and 9. We have all kinds of live stock including horses, cows, chickens, pigs, etc. Our kids are home schooled. They get to learn on our farm. We don't have other land, property to move all these things to. The amount of what land and horses cost now is not in the budget. We hope you will take this into consideration. Thanks, Josh Stepp.	Exact alignments have not been determined.	Magnolia Relief Route
8/4/2022	6:00 PM	Public Meeting #2	User 19		Access and Connectivity	New Roads	We have been told Woodforest Corrolla will be done in 2024. Your map shows 11+ year plan. What is it?		
8/4/2022	6:00 PM	Public Meeting #2	User 69		Remove Recommendation	New Roads	Keep the road extension through Magnolia Corssing (Magnolia Ridge) out of this and any future plan. No extension through Magnolia Corssing. Thank you! Deana Hicks - Magnolia Crossing Resident	Extension has been removed.	Magnolia Ridge/Oak Crossing/Magnolia Crossing)
8/4/2022	6:00 PM	Public Meeting #2	User 11		Safety	Pavement Markings, State Forest	In your "Safety Page" - your "RESTRIPING" on EAST SIDE of WG JONES STATE FOREST" - should be limited to the developed part of Peoples Rd. - Stopping at the GATE for TX A&< Forest Division barrier to park - It's a dirt/gravel access for fire trucks - not general traffic - otherwise you are violating SB 345 ???/Creighton Hill protecting forest. (It's hard to tell on your graphics that the restriping does STOP & DOESN'T enter Forest land & stops at A&M fence. (You clarified - I'm OK ✓) (Note: included copy of SB 345 bill to back of comment sheet)	Will remove restriping from People's Rd behind gate.	Peoples Rd
8/4/2022	6:00 PM	Public Meeting #2	User 11		Remove Recommendation	Bike, State Forest	Jones Forest - NO installation of separated shared use path (in above mentioned east side of protected Jones Forest)	Will remove shared use path on People's Rd.	Peoples Rd
8/4/2022	6:00 PM	Public Meeting #2	User 11		Congestion and Delay	Signal Timing	*YES, YES, YES to SIGNAL SYNCHRONIZATIONS*		
8/4/2022	6:00 PM	Public Meeting #2	User 11		Other	Positive Feedback	Great recomm. On Research & Grogans!*		Research Forest @ Grogan's Mill
8/6/2022	12:43 PM	Engage Recommendations Survey	User 20		Congestion and Delay	Turn Delay	(Intersection and Roadway) Great additions to extra Right turn lane south onto 45 S from 242		
8/6/2022	12:43 PM	Engage Recommendations Survey	User 20		Safety	Sight Distance	(Intersection and Roadway) Great additions and updates to Grogans and Research, BUT the trees, bushes should be totally cleared of lower limbs and visibility about 4 feet from ground level, both directions, entire island of vegetation (though I don't want any trees removed, just "umbrella" style to allow visibility. Many crazies have driven the wrong way, by having total opposing traffic view can you really tell where the flow goes.		
8/6/2022	12:43 PM	Engage Recommendations Survey	User 20		Congestion and Delay	Signal Timing	(Intersection and Roadway) Yes, to traffic light synchronization on 242 all the way from 45 to 1488...You should also add to 1488 entirely.		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/6/2022	12:43 PM	Engage Recommendations Survey	User 20		Remove Recommendation	Pavement Markings, State Forest	(Safety and Maintenance) Your BLUE line on stripping on east side of Jones Forest is still wrong! Jones is protected by SB 345. I did zoom in and it shows it making a curve nearest 242... all of that is protected...NO restriping , NO access..... update map to only show improvements on Peoples Road where houses are and stopping where the TX A & M Forest Gate starts. That is a gravel road for fire trucks to access only, no through traffic, no action whatsoever is allowed according to SB 345. (Toth /Creighton) Jones State Forest is home to an endangered red cockaded woodpecker!	Will remove restriping from People's Rd behind gate.	
8/6/2022	12:43 PM	Engage Recommendations Survey	User 20		Remove Recommendation	Bike, State Forest	(Active Transportation) Same as above= NO Shared use Path at all, stop where Jones Forest begins and blacktop ceases on Peoples Road... entire Forest protected by SB345. Ok for the already paved Peoples Road, not the gravel side headed south or anywhere past that point. Jones Forest is further protected due to its endangered red cockaded woodpecker!!	Will remove shared use path on People's Rd.	
8/6/2022	12:43 PM	Engage Recommendations Survey	User 20		Bike/Pedestrian/Transit	Transit	(Transit) 242 is a RESIDENTIAL ROAD, The only area that is commercial encompasses Gosling to 45, where the 7 traffic lights are .... yes synchronize and move it along.... Look to 1488 for your thoroughfare and its REGIONAL EXPRESS Lanes.... The area has children crossing 242 to access parks across the street. This is not a major road and should be kept that way. It's residential except for Gosling to 45, so Transit should be re-routed to 1488.		
8/7/2022	6:25 AM	Engage Recommendations Survey	User 21		Bike/Pedestrian/Transit	Bike	(Active Transportation) Share the road signage is nice, but it is not adequate. The bike routes need to be wide enough to be safe. There should be at least a 3' shoulder installed (Honea-Egypt, etc). This should be a priority over other projects. Safety has not price. In addition, multi-use routes like bike routes will attract more mixed usage and higher class development in the county.		
8/7/2022	6:25 AM	Engage Recommendations Survey	User 21		Bike/Pedestrian/Transit	Transit	(Transit) Park and rides should happen prior to some roadway recommendation projects are paid for. These should be a priority.		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/2/2022	10:40 PM	Public Comments Inbox	User 8		Remove Recommendation	New Roads	In regards to the mobility draft recommendation, specifically for the neighborhood of Magnolia Crossing: My name is Alyssa Jackson, my husband and I are residents of Magnolia Crossing. We moved here 5 years ago, shortly after our wedding, as I started my new job as a teacher for Magnolia ISD. We were drawn to the large lots, quiet streets and the fact that there is no outlet whatsoever, one way in and one way out. I can't tell you how many times I have left my front door unlocked and haven't thought twice about it. For us, it was the perfect place to eventually raise a family. Fast forward 5 years: We have two precious sons, 4 years old and 10 months old. I'm entering my 7th year of teaching in Magnolia ISD, I love my job. I commute one mile to work, it's unheard of! Our neighborhood, as envisioned, is the perfect place to raise a family. My son plays in the front yard, without worry. We go on walks every evening to the creek in the front of the neighborhood. I jog through the neighborhood almost daily. We feel safe with the fact that we rarely see an unfamiliar car drive down our street. With the extension of this proposed road, right through the middle of our neighborhood, that will all come to an end. Our neighborhood is simply not designed for such a plan and honestly, the people of our neighborhood would not benefit from it. When viewing the proposed draft, I can understand why residents of Magnolia Ridge would potentially want an outlet connecting 1488 to 1774, it makes sense. Their neighborhood is more suitable to handle such a project. What is the purpose of extending that road even further through our neighborhood? An outlet to the"Magnolia Relief Route"? I can promise you, the "cons" of building this road will outweigh this one "pro", at least for Magnolia Crossing residents. The people of this neighborhood value safety and quiet evenings. With the addition of this road, quite literally through the front yards of many residents, increased driving speeds, we would not be able to walk, ride bikes and let our children play in our yards without worrying about their safety. We would lose our quiet evenings to the sound of traffic. Most of all, with the influx of traffic and passage of vehicles, we would lose our peace of mind. Living in Magnolia Crossing is different when compared to some of the newer	Extension has been removed.	
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Remove Recommendation	Widening	(Intersection and Roadway) 1. I don’t see the justification for widening Research Forest west of the west intersection of Alden Bridge.		Research Forest Dr
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Congestion and Delay	Widening	2. Widening of FM 1488 should include a review by a competent urban planner, specifically sidewalk connections between pedestrian crosswalks and adjacent land uses.		FM 1488
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Bike/Pedestrian/Transit	Pedestrian	3. The Woodlands developed the southwest and southeast corners of FM 1488 at Kuykendahl without any consideration whatsoever of pedestrian crossings across the south leg of Kuykendahl. This needs to be corrected.		FM 1488 @ Kuykendahl
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Remove Recommendation	Widening	4. I strongly disagree with widening Grogans Mill north of Research Forest.	Will remove widening of Grogan's Mill	Grogan's Mill
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Access and Connectivity	New Roads	5. An extension of Atkinson Lane to St. Luke’s Way should be restored to the plan. This would be a big benefit to doctors, staff, and patients at St. Luke’s and Texas Children’s hospital.	Atkinson was removed due to conflicting development. An alternative (Pine Forest Extension) was provided, but removed due to strong opposition from City of Shenandoah.	Atkinson Ln
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Other	Spelling	6. The spelling of Marsico should be corrected on the map.	We are not able to directly edit ESRI base maps, but have put in a request.	Marsico
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Bike/Pedestrian/Transit	Pedestrian	(Active Transportation) 1. Planning and design of all sidewalks and paths should be done by competent urban planners. Sidewalks and paths need to be separated from roadways and they need shade. Pedestrian crosswalks, signals, and pushbuttons are just dumb if the pedestrians have to walk in a ditch or in roadway to get to the crosswalks.		
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Safety	Signals	2. The design and operation of the flashing yellow arrow at Research Forest eastbound at Crownridge should be reviewed by a competent traffic engineer.		Research Forest @ Crownridge

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Safety	Safety, Pedestrian	(Safety and Maintenance) 1. Restore the curb that was removed from the northwest corner of Alden Bridge at Kuykendahl a couple of years ago. This has resulted in unlawful driving on the southbound right shoulder, driving off the pavement, and added hazard to pedestrians waiting in the northwest corner to cross.		Kuykendahl @ Alden Bridge
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Safety	Pavement Markings	2. Replace all single solid yellow centerlines with double yellow centerlines.	Locations identified with single yellow centerlines have been included in recommendations for restriping (Kuykendahl and Grogan's Mill)	
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Safety	Signing	3. Provide “ALL WAY” plaques at all all-way stop signs.		
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Bike/Pedestrian/Transit	Pedestrian	4. Provide sidewalks to connect land use to pedestrian pushbuttons in all four corners of FM 1488 at Kuykendahl, and provide similar sidewalk connections at all similar existing and future intersections.		FM 1488 @ Kuykendahl
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Bike/Pedestrian/Transit	Pedestrian	5. Provide a sidewalk on the east side of Kuykendahl Ct. from FM 1488 to Providence Ct at Kuykendahl so residents can walk to HEB if the want to without having to walk in the roadway or in the ditches.		Kuykendahl Ct.
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Bike/Pedestrian/Transit	Pedestrian	6. Close the gap in the sidewalk in the southeast corner of Carriage Hills at FM 1488 so pedestrians don’t have to walk in the street to get to the pedestrian pushbuttons.	Added intersection recommendation. Push button location is not ADA/TMUTCD compliant.	
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Bike/Pedestrian/Transit	Mode Choice	7. The “growth” that we are all so proud of is really “urbanization,” but we are blanketing the county with development that is unusable without a car for every single trip. Please do a little planning so at least very short trips are possible without a car.		
8/8/2022	12:59 PM	Engage Recommendations Survey	User 137		Safety	Signing & Pavement Marking	8. Correct the incorrect signing and pavement markings on Kuykendahl between Kendall Green and FM 1488.		
8/9/2022	8:06 PM	Engage Recommendations Survey	User 22		Safety	Safety	(Intersection and Roadway) Most are frivolous. Keenan cutoff is many year's overdue safety trap. Both ends. Three schools and a fire station on that road. Nightmare.		
8/9/2022	8:06 PM	Engage Recommendations Survey	User 22		Safety	Safety	(Safety and Maintenance) Sounds like they are paying attention to safety statistics even if solutions are not popular. Thanks.		
8/9/2022	8:06 PM	Engage Recommendations Survey	User 22		Bike/Pedestrian/Transit	Bike/ Pedestrian	(Active Transportation) Glad they are looking at the future to catch up with the growth.		
8/9/2022	8:06 PM	Engage Recommendations Survey	User 22		Bike/Pedestrian/Transit	Transit	(Transit) N/a Need Senator Kolkhorst review too.		
8/10/2022	9:43 AM	Engage Recommendations Survey	User 23		Access and Connectivity	New Roads	(Transit) When will new roads be completed ? How will new road go through existing homes?	This is a high-level study. The new roads will not go through existing homes. Road alignments have not been determined. Alignments will be determined during the alternatives analysis study.	
8/13/2022	10:38 PM	Engage Recommendations Survey	User 24		Congestion and Delay	Roundabouts	(Intersection and Roadway) Jackson Road @ 149 Intersection needs a roundabout with a protected right hand turn lane for north bound 149 drivers. No need for a traffic light. Plenty of space for engineered traffic circle.	Note: Roundabout may challenging to design with rail crossing. Would require additional considerations.	FM 149 @ Jackson
8/13/2022	10:38 PM	Engage Recommendations Survey	User 24		Access and Connectivity	New Roads	(Intersection and Roadway) New 149 Alt a welcomed addition to 249!		
8/14/2022	8:18 AM	Engage Recommendations Survey	User 25		Bike/Pedestrian/Transit	Transit	(Transit) We need a park and ride in Magnolia.		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/14/2022	8:42 AM	Engage Recommendations Survey	User 26		Congestion and Delay	Turn Delay	(Intersection and Roadway) Yes to traffic light at 149 and jackson road. Need right turn lane.		FM 149 @ Jackson
8/14/2022	8:42 AM	Engage Recommendations Survey	User 26		Safety	Safety	(Intersection and Roadway) Many accidents at rolling hills and 149 need turn lane in front of gas station.		FM 149 @ Rolling Hills
8/14/2022	8:42 AM	Engage Recommendations Survey	User 26		Congestion and Delay	Turn Delay	(Intersection and Roadway) Need turn lane at karen switch road.		FM 149 @ Karen Switch
8/14/2022	8:42 AM	Engage Recommendations Survey	User 26		Safety	Speed Limit	(Intersection and Roadway) Reduce speed limit.	FM 149?	FM 149
8/14/2022	10:49 AM	Engage Recommendations Survey	User 27		Access and Connectivity	New Roads	(Intersection and Roadway) Very excited for the Kennen Cut Off Rd. We are moving to the Montgomery area and still work in Houston. That road would save us so much time.		
8/14/2022	11:56 AM	Engage Recommendations Survey	User 28		Remove Recommendation	New Roads	(Intersection and Roadway) The proposed Mill Creek Road cuts through an established residential neighborhood (High Meadow Estates). We strongly oppose this proposition, as it will negatively affect safety, property values, and the tranquility of the neighborhood, while concurrently offering little to no benefit to those actually residing within the neighborhood. Our family urges you to please reconsider this plan.	Mill Creek & Keenan following MoCo 2021 MTFP	
8/14/2022	12:50 PM	Engage Recommendations Survey	User 29		Remove Recommendation	New Roads	(Intersection and Roadway) How can Mill Creek and Keenan Cut Off Road come through High Meadow Estates? There are already numerous houses along that proposed route. Why would you not simply run Keenan Cut Off due west from Jackson and join it to Crown Ranch BLVD. That particular development has not started, yet, and there is a better opportunity to minimize its impact on the residents.	Mill Creek & Keenan following MoCo 2021 MTFP	
8/14/2022	12:50 PM	Engage Recommendations Survey	User 29		Remove Recommendation	New Roads	(Intersection and Roadway) Also, why are there so many new roads planned between FM 1486 and Jackson/149? The 149 (alt) and the aforementioned Keenan Cut Off / Crown Ranch combined should allow plenty of mobility in the area. I see no purpose of having Mill Creek run parallel to 149; I would rather see FM 149 widened from 1488 to Jackson with a turning lane and a light installed at 149 & Jackson; better yet would be a bridge over the railroad tracks at this intersection		
8/14/2022	12:50 PM	Engage Recommendations Survey	User 29		Congestion and Delay	Corridor Congestion	(Safety and Maintenance) Please do not let FM 1488 become another 1960 or 2920. The intersection of 1488 and 2978/Honea Egypt is one of the worst intersections in the county. 1488 east of 2978 to I-45 is a terrible stretch of road that has steadily gotten worse each year. Anything that can be done to improve it (particularly the proposed raised median) that will keep people from blocking traffic and trying to turn across 3 lanes of traffic is appreciated.		FM 1488;FM 1488 @ FM 2978
8/14/2022	12:50 PM	Engage Recommendations Survey	User 29		Bike/Pedestrian/Transit	Bike	(Active Transportation) Any bike lanes that reduces automobile travel lanes on 1488 will exacerbate an already congested road. More emphasis should be put on bicycles obeying the traffic laws. I consistently see bicycles run through stop signs and stop lights. I don't mind sharing the road, but the cyclists have an obligation to follow the traffic regulations as well.	Raised median is being installed by TxDOT starting in late summer 2022	
8/14/2022	12:50 PM	Engage Recommendations Survey	User 29		Bike/Pedestrian/Transit	Transit	(Transit) What is the projected ridership of these buses? Where does the bus drop riders off? Downtown? Midtown? Galleria? The jobs are moving out of downtown Houston to the exurbs and suburbs. The HWY 249 extension has only accelerated this trend. The Greater Houston Area is not conducive to mass transit. I have never seen more than a handful of cars at the areas' existing park and ride locations; these park and ride and bus centers seem to be solutions in search of a problem. Is the juice worth the squeeze?		

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/14/2022	4:11 PM	Engage Recommendations Survey	User 30		Remove Recommendation	New Roads	(Intersection and Roadway) It appears that the proposed Mill Creek Road cuts through both existing and ongoing residential development in High Meadow Estates. Although this is noted as long term, I would think it prudent to clarify if you hope to disrupt existing subdivisions.	Mill Creek & Keenan following MoCo 2021 MTFP	
8/15/2022	7:32 AM	Engage Recommendations Survey	User 31		Remove Recommendation	New Roads	(Intersection and Roadway) The extension of Mill Creek Rd as proposed does not make any sense....it's currently drawn to go right through the middle of High Meadow Estates (one of the larger neighborhoods in the area) without any concern for houses already there, nor does it tie into any of the roads that already exist for that section - silly!	Mill Creek & Keenan following MoCo 2021 MTFP	
8/15/2022	2:07 PM	Engage Recommendations Survey	User 32		Remove Recommendation	Development	(Intersection and Roadway) Your data is at least 2 years out of date. There is no way you can show new roads in some areas where development has already occurred and houses built. This bad data is only getting residents upset that have no idea what is happening in the county. Please update your application road data to represent current development, especially in High Meadow Estates.	Mill Creek & Keenan following MoCo 2021 MTFP	
8/15/2022	7:10 PM	Engage Recommendations Survey	User 33		Remove Recommendation	New Roads	(Intersection and Roadway) We don't need Millcreek Rd and Keenan Cutoff to cut through High Meadow Estates. Makes no sense.	Mill Creek & Keenan following MoCo 2021 MTFP	
8/16/2022	6:51 AM	Engage Recommendations Survey	User 34		Congestion and Delay	Development	(Intersection and Roadway) The roadways are backed up due to overdevelopment. The Developers should be paying to make any modifications. Nichols-Sawmill at Grand Oaks does need a traffic light, and additionally, the speed limit should be lowered to 40 before reaching the development, not after. The people in Audubon will be using this roadway as a thru traffic had will have no interest in moving slowly. STOP the overdevelopment. Whose great idea was it to create an apartment complex of 200 units in downtown? And building a liquor store near a school? REALLY?? We are taxed without representation. Keep in mind: to whom much has been given, much will be required. I believe that would also apply to authority and responsibility.		
8/16/2022	6:51 AM	Engage Recommendations Survey	User 34		Safety	Speed Limit	(Safety and Maintenance) More speed limit signs should be posted.		
8/18/2022	6:14 AM	Engage Recommendations Survey	User 35		Access and Connectivity	New Roads	(Intersection and Roadway) Ambitious, but much needed with the continued rapid growth the county is experiencing. There are a lot of new roads around Magnolia on the short term plan, but the recommendations around Montgomery are all on the long term plan (10+ years). We need help in Montgomery too (and quicker than 10+ years out). With the new high school (and planned new elementary school) on 2854, the traffic can get really backed up. We have two bad intersections on 105. The southern part of 2854 and 105, and the two lights that are too close to each other on 105 at Walden Rd. (Not sure what can be done about the two close lights.). Appreciate the forward thinking the Precinct is doing to lead this effort.		
8/18/2022	6:19 PM	Engage Recommendations Survey	User 36		Remove Recommendation	Widening	(Intersection and Roadway) Do not widen Research Forest Drive in The Woodlands! There's no need for it and it will only induce more cut thru traffic thru The Woodlands to and from I45. Instead, add another east west roadway or improve 1488 to handle additional vehicles		
8/18/2022	9:27 PM	Engage Recommendations Survey	User 37		Congestion and Delay	Intersection Congestion	(Intersection and Roadway) Westbound SH 242 before I-45 needs to have two sets of traffic lights to control traffic: one for traffic entering from South Trade Center Parkway (especially from COSTCO) and the other for westbound 242 traffic after crossing over the railroad.		
8/18/2022	9:27 PM	Engage Recommendations Survey	User 37		Congestion and Delay	Turn Delay	(Intersection and Roadway) Northbound Tamina Road at FM 1488 (south of the HEB) needs a right turn lane.	Added NB right turn bay.	

Public and Steering Committee Comments (October 2020 to August 2022)

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/18/2022	9:27 PM	Engage Recommendations Survey	User 37		Safety	Safety	(Safety and Maintenance) Consider the use of programmable visibility signals for short distance intersections including Grogan's Mill Road at Lake Woodlands Drive and on SH 105 at April Sound Boulevard. https://www.mccain-inc.com/products/signals/traffic-signals/programmable-traffic-signal		
8/18/2022	9:27 PM	Engage Recommendations Survey	User 37		Safety	Signal Timing	(Safety and Maintenance) A "pre-signal" for a Honea Egypt Road prior to crossing the railroad the FM 2978 can improve safety.		
8/18/2022	9:27 PM	Engage Recommendations Survey	User 37		Bike/Pedestrian/Transit	Pedestrian	(Active Transportation) Consider the use of a HAWK traffic signal for some pedestrian crossings that are at minor streets or that are not along a roadway. https://www.fhwa.dot.gov/publications/research/safety/10045/	No mid-block pedestrian crossing recommended,	
8/18/2022	9:27 PM	Engage Recommendations Survey	User 37		Bike/Pedestrian/Transit	Transit	(Transit) The HOV lane on I-45 needs to have signs that say "DO NOT CROSS DOUBLE WHITE LINE." I've seen my share of people who cross the double white lines to enter or exit the HOV lane or to use as a passing lane.	Submit comment to TxDOT	
8/18/2022	9:27 PM	Engage Recommendations Survey	User 37		Bike/Pedestrian/Transit	Transit	(Transit) Woodforest section (via Fish Creek Thoroughfare) should be included in the Regional Express plan.		
8/19/2022	7:52 AM	Engage Recommendations Survey	User 38		Remove Recommendation	New Roads	(Intersection and Roadway) The Woodlands Township Board of Directors respectfully requests the removal of the extension of S. Alden Bridge Drive (S Alden Bridge Dr - Extension/New Road - from Egypt Ln to Shimmerwood Dr) to align with the Montgomery County Thoroughfare Plan (MCTP) 2021 Update. The extension was originally proposed for inclusion in the MCTP but was removed. The Township Board of Directors objected to the inclusion of this project in the draft MCTP 2021 Update as expressed in Resolution 011-21 adopted June 2, 2021. The Board was appreciative of the removal of this project from the MCTP 2021 Update as adopted by the Montgomery County Commissioners Court.		
8/19/2022	7:52 AM	Engage Recommendations Survey	User 38		Safety	Speed Limit	(Safety and Maintenance) The Woodlands Township Board of Directors respectfully requests consideration as to whether a reduction in the speed limit in the vicinity of the intersection of Research Forest Drive and Grogan's Mill Road might also help to increase safety at the intersection.	Would require speed limit study.	
8/19/2022	11:43 AM	Engage Recommendations Survey	User 39		Other	General Disapproval	(Intersection and Roadway) Don’t like it (Safety and Maintenance) Wouldn’t recommend it (Active Transportation) Nope (Transit) No thank you		
8/20/2022	5:22 AM	Engage Recommendations Survey	User 40		Congestion and Delay	Widening	(Intersection and Roadway) Nichols sawmill really needs widened from 1774 to 99		
8/20/2022	9:23 PM	Engage Recommendations Survey	User 41		Remove Recommendation	New Roads	(Intersection and Roadway) I have specific concerns regarding the extension of Alden Bridge Dr. to Egypt Lane. This would drastically increase traffic through an area that is frequented by pedestrians, including young children who play at the multiple parks that are close to the roadways along Alden Bridge Drive. Additionally, there are a large number of deer that frequent the green space/drainage area that people passing though may not be aware of and can be a substantial safety concern for both drivers and the wildlife. Residents of the neighborhoods along Alden Bridge Drive strongly oppose this extension.		

Public and Steering Committee Comments (October 2020 to August 2022)

Date	Time	Source	Commenter ID	Organization	Category	Subcategory	Comment	Notes	Corridor or Intersection
8/20/2022	9:50 PM	Engage Recommendations Survey	User 42		Remove Recommendation	New Roads	(Intersection and Roadway) The extension of S. Alden Bridge Dr. from Egypt Ln to Shimmerwood Dr. does not need to move forward as the increased traffic will put both pedestrians and wildlife at risk. Families with young children frequently cross S. Alden Bridge Dr. to access Sundance Park and the park facilities on Sorrell Tree Pl. In addition, it is commonplace to see deer in the drainage area that S. Alden Bridge Dr. crosses. I personally have had deer cross the road in front of my truck several times. I frequently hear cars drag racing on Research Forest and I do not want that to become an issue on this neighborhood road. From a traffic standpoint, Research Forest between Branch Crossing and Egypt Ln is never an issue and it is an area that I often drive. The volume of traffic in the area does not warrant this road extension project.		

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STEERING COMMITTEE MEETING 1 – MEETING SUMMARY

OCTOBER 15, 2020 10:00-11:30AM

Attendees:

Rob Eissler
Brent Everson
Steve Leaky
Barbra Koslov
Catie Reid
Bruce Berger
Carl Gerhardt
Rick Wong
Adam France
Adam Galland
Eric Boulet
Francis Rodriguez
J.J Hollie
Jean Teague
Jeffery English
Joe Dives
Richard Tramm
Kathie Reyer
Tommy Woolley
Kyle Montgomery
Commissioner Riley
Kyle Bertrand
Justin Kuzila
Carlene Mullins
Allie Isbell
Lokesh Vijayagopal

Notes:

- Add population projections to dashboard (2040 and/or 2045)
- Add employment data to dashboard
- Commissioner Riley mentioned that he will support any idea or recommendation that is approved by most of the stake holders.
- Study Area Issues:
    - Hardin Store Road "S" curve at FM 2978
    - Signal at FM 1488 and FM 1774 is creating lot of back-up due to traffic and signal timing needs to be improved
    - Increased Traffic on FM 1488 from Mill Creek at FM 1774
    - Nichols-Sawmill – widen to 4 lanes, hard for busses
    - Nichols-Sawmill at Old Hockley, stop sign, need signal, a lot of crashes
    - Buddy Riley at FM 1774 major backups after train. Takes many light cycles to clear line of cars
    - Extend Old Conroe Rd to Conroe
    - Medical traffic on I-45 and SH242 and road floods when moderate rain occurs
    - FM 2978 at FM 1488 traffic accidents and need to redesign the turn-lanes
    - FM 2978 construction delays and impact to business
    - Kuykendahl upgrade from to 4 lanes from FM1488 to Research Forest (and south to Lake Woodlands)

- FM 2854 Upgrades – Needs to be widened
- FM 1488 upgrades – widening and median needed, signals timed
- SH 105 upgrades – medians needed and other traffic management treatments
- FM 1488 at I-45 (FM 1488 Access management study proposed SB and NB intersection upgrades that should mitigate congestion/safety)
- I-45(N) at SH242 EB 242 study/upgrades
- Construction of Mansions Way beginning soon (FM 2978 to Dobbin-Huffsmith)
- Need an E-W connection between FM 149, FM 1486, and FM 1774
- Mueschke Rd at Grand Pines intersection, need to look at turn lanes
- Improve connection at FM 1486 at SH249
- Need E-W roads
- Need N-S roads
- Kuykendahl at Research Forest SB, add left turn lane
- Kuykendahl at Research Forest SB, add right turn lane
- Research Forest at Kuykendahl (WB), extend left turn lane
- Research Forest at Kuykendahl (WB), add right turn lane
- Kuykendahl at Research Forest (NB), add right turn lane
- Research Forest (WB) at Egypt Lane (NB) add right turn lane
- SH 105 - Numerous developments occurring
- FM 2978 – Numerous developments occurring
- Supportive to bike routes
- Due to SH 249 toll Road FM 149 and FM 1486 needs additional capacity. We need to evaluate more connections to SH 249
- Existing East/West mobility is been impacted by traffic signals and it is not acting as a state highway (need alternative east/west corridors)
- TxDOT has studies which this project can refer to (FM 1488 & SH 105 Access Management Studies and I-45 PEL)

- Next Steps:
  - Steering Committee Workshop in November
  - Focus Group meetings in December
  - Public Meeting in Feb. 2021





Montgomery County Precinct 2 Mobility Study





Steering Committee Meeting 1
October 15, 2020

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AGENDA



- Welcome
- Background
- Steering Committee Role
- Mobility Planning 101
- Committee Input
- Next Steps

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WELCOME

- Introductions
- Website www.h-gac.com/MP2
- Local Funding Partner



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Study Structure

- **Steering Committee**
  - Montgomery County Precinct 2
  - City of Conroe
  - City of Magnolia
  - City of Montgomery
  - City of Shenandoah
  - The Woodlands Township
  - TxDOT Conroe Office
  - TxDOT Houston Office
  - Westwood Magnolia Parkway Improvement District
  - The Woodlands Chamber of Commerce
  - Magnolia ISD Transportation Dept.
  - Magnolia Police
  - Montgomery County Sheriff
  - Montgomery County Engineer's Office

- **Study Team**
  - H-GAC Staff
    - *Carlene Mullins, Project Manger*
    - *Justin Kuzila, Project Planner*
    - *Allie Isbell, Deputy Project Manager*
  - Consultant Team
    - *GUNDA - Prime*
    - *AIG Technical Services*
    - *Blanton & Associates*
    - *CJ Hensch & Associates*

BACKGROUND



- Commissioner Riley, Commissioner of Montgomery County Precinct 2
- Alan Clark, Former H -GAC Transportation Planning Director

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Purpose



- Identify mobility needs
- Development consensus on recommendations
- Develop a list of projects
- Recommend updates to Thoroughfare Plans

Steering Committee Role



- Identify mobility issues, new developments, trip generators, etc.
- Develop a vision statement, goals and objectives
- Receive, review and provide input throughout the development of the mobility plan
- Recommend stakeholders
- Encourage public meeting attendance

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Keep in Mind…



- There are no bad ideas
- Keep an open mind
- Work as a *team*
- This is a multi-modal mobility plan

MOBILITY PLANNING 101



- What is a Mobility Plan?
- Purpose
- Study Process
- Timeline

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What is a Mobility Plan?



- "Roadmap" for needed transportation improvements.
- Considers needs of all users (not just a roadway plan)
- Collaborative effort between government entities in study area residents
- Creates a list of projects so that when funding is available, the project is ready.

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Why do we need one?



- Population and employment in study area is growing and is expected to continue to grow
- New developments will attract more residents and commuters to area
- Existing road network cannot handle current traffic volumes, much less anticipated ones

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Study Process

PHASE 1	PHASE 2	PHASE 3	PHASE 4
• Develop Vision & Goals	• Evaluate Data	• Develop Scenarios	• Develop Financial Plan
• Identify Issues	• Gap Analysis & Needs Based Plan	• Travel Demand Modeling	• Project Selection Finalized
• Collect Data	• Develop Alternatives	• Recommend Projects	• Final Document
• Stakeholder and Public Meetings		• Draft Plan	
		• Stakeholder and Public Meetings	

Steering Committee & Public Input

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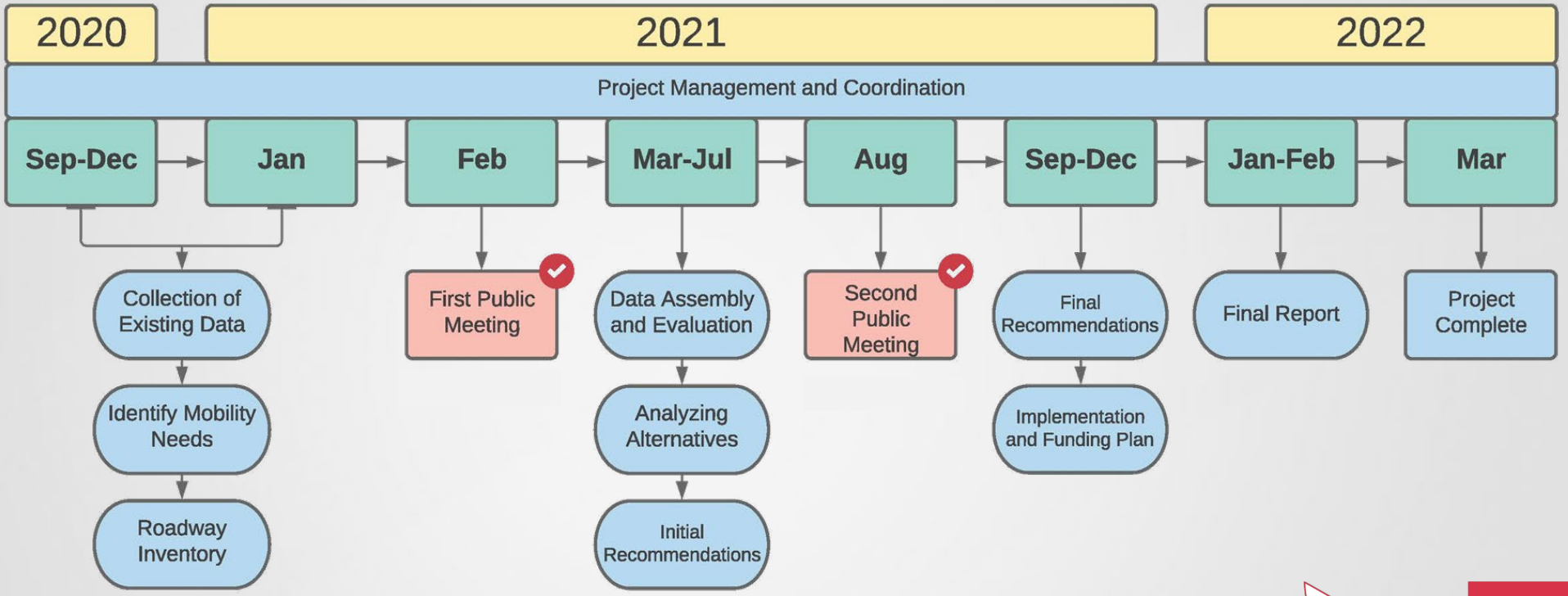
Tentative Schedule



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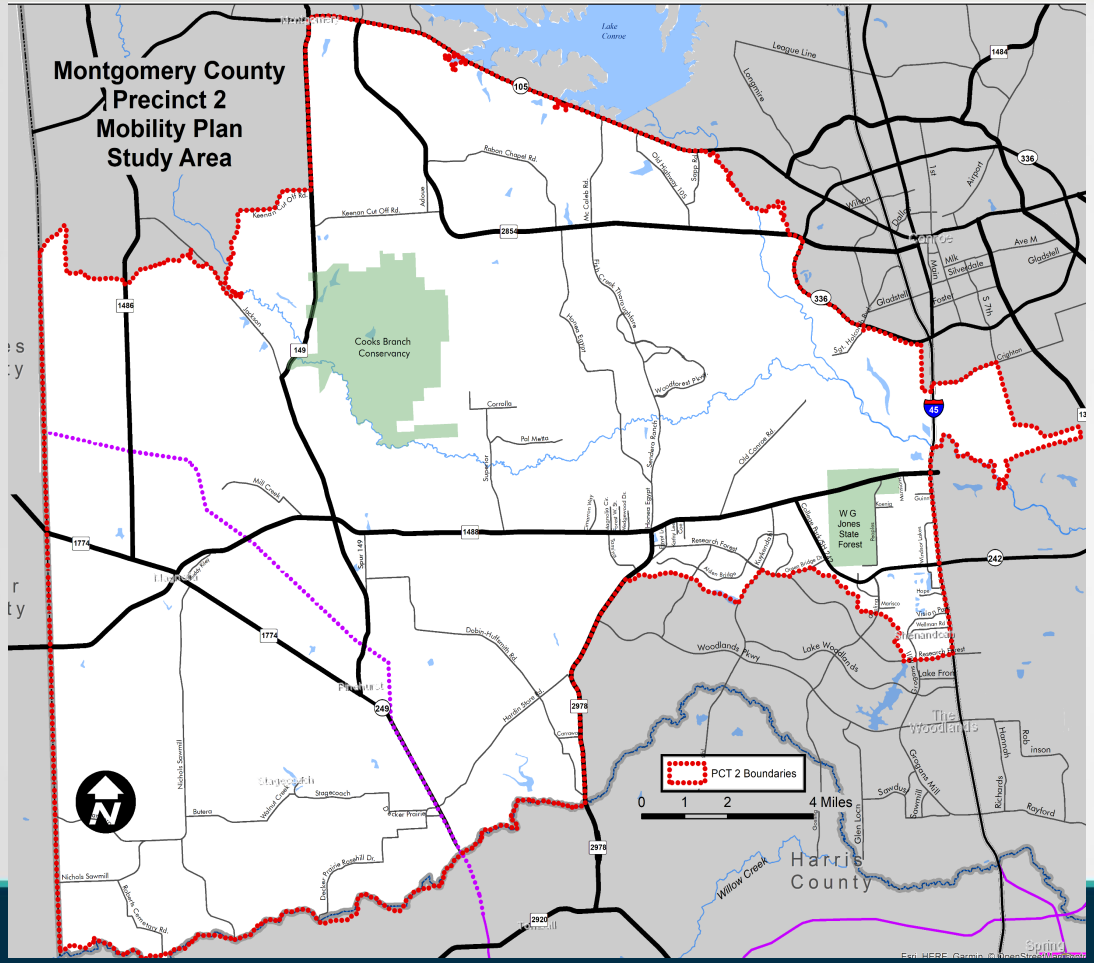
Project Overview



- **Study area**
- Area issues
- Roadway Inventory
- Public Meetings

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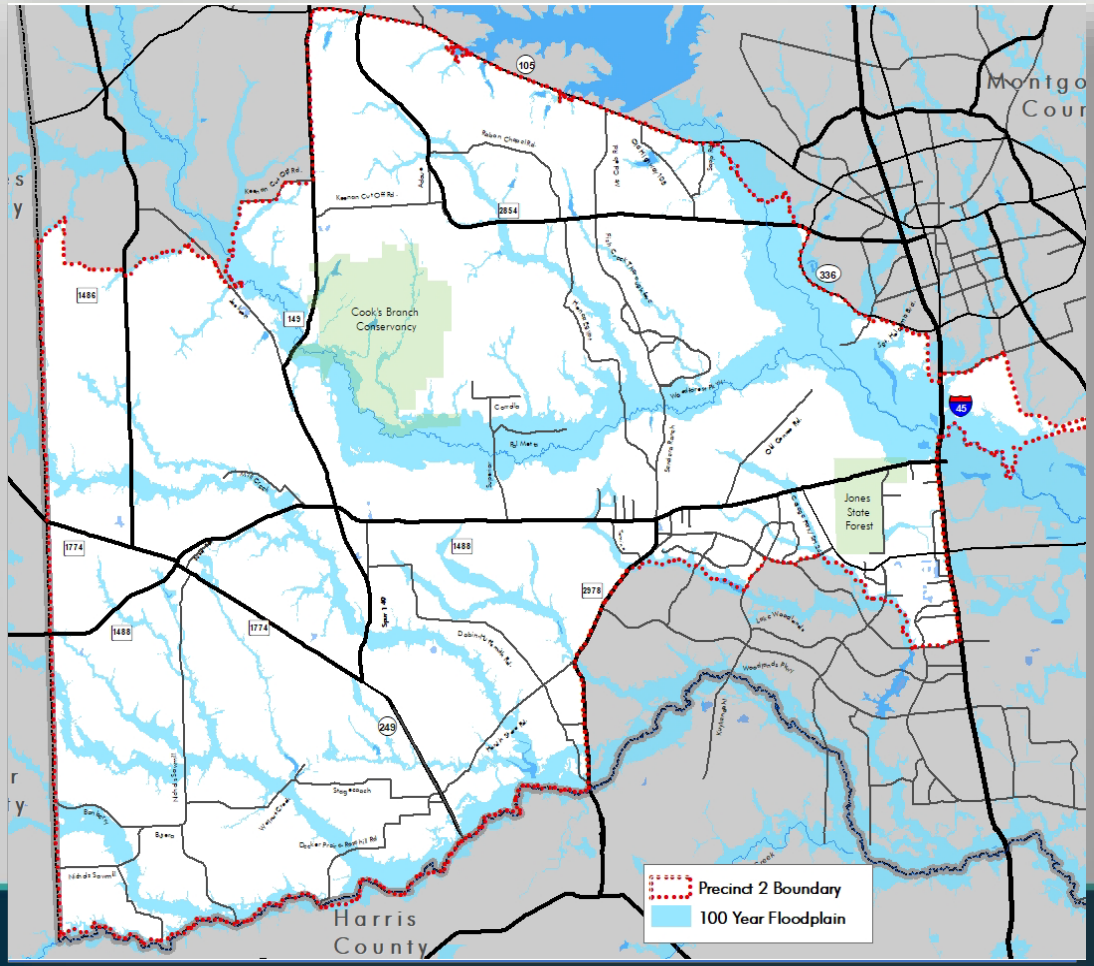
Natural Barriers



- Study area
- **Area issues**
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- Public Meetings

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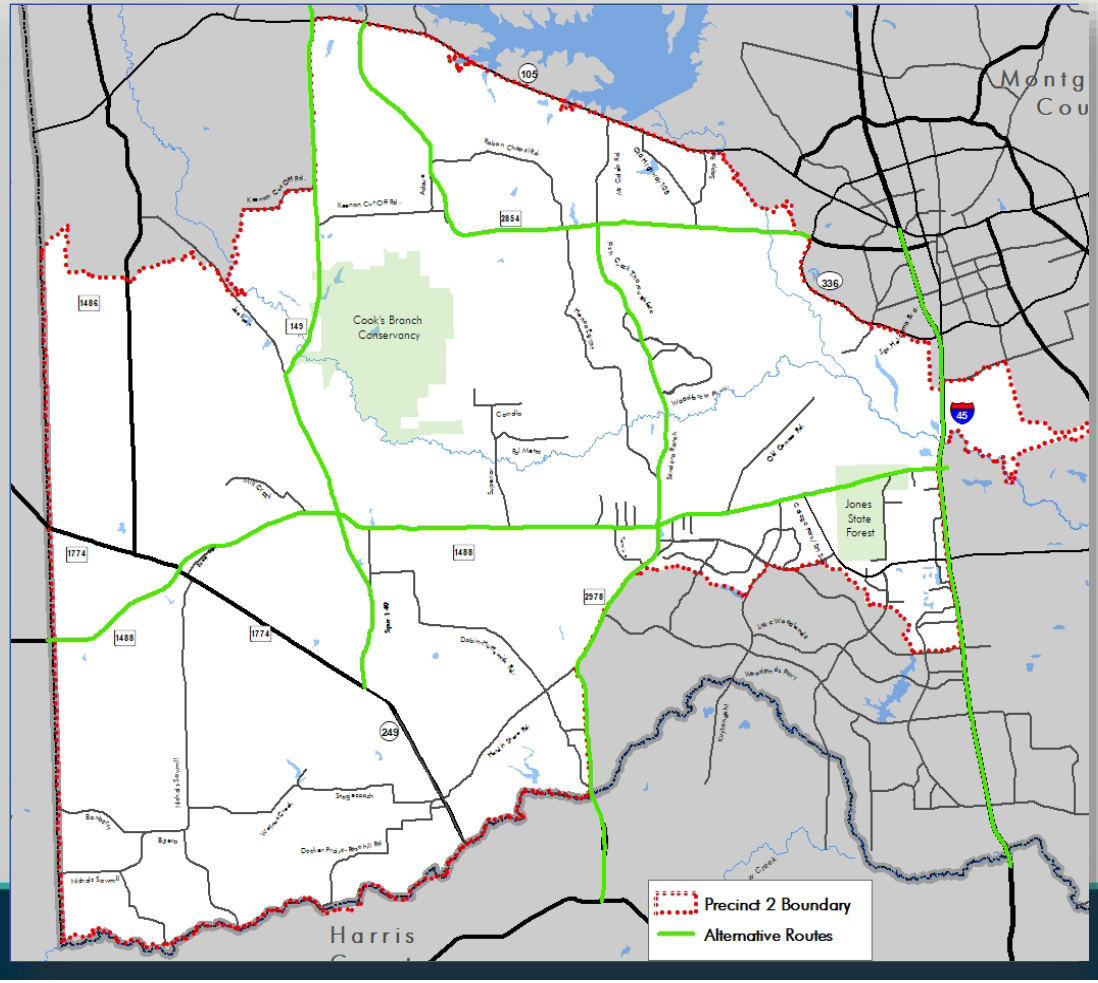
Alternative Routes



- Study area
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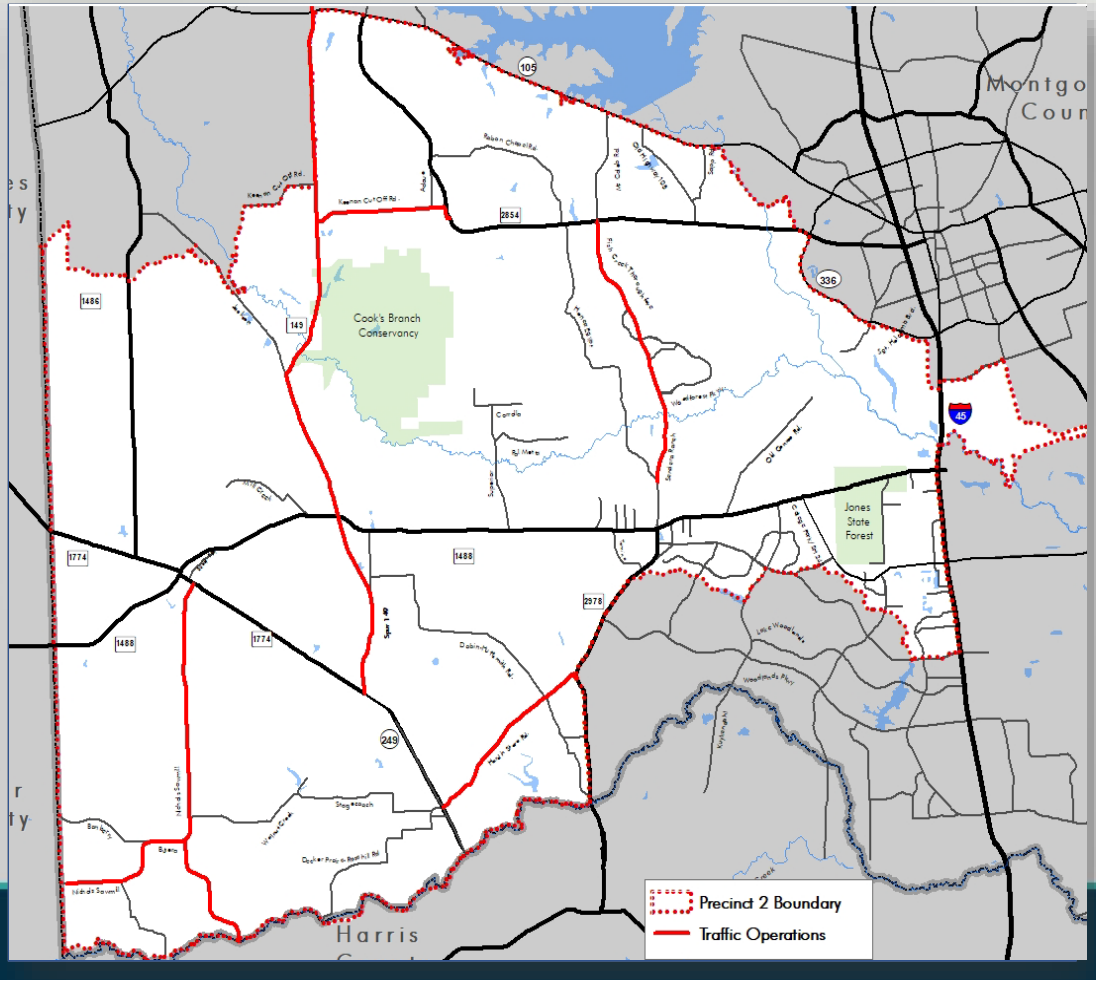
Traffic Operations



- Study area
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- Roadway Inventory
- Public Meetings

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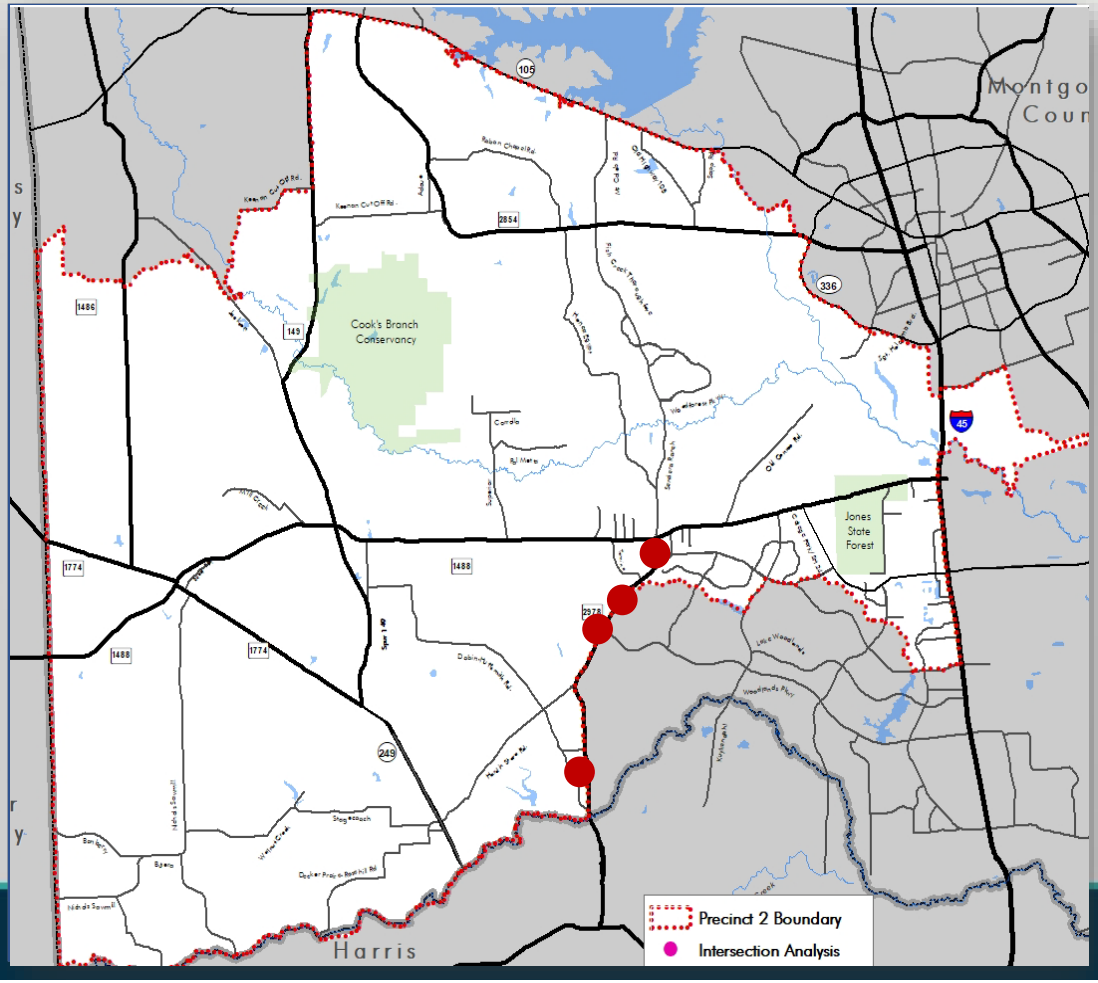
Intersection Analysis



- Study area
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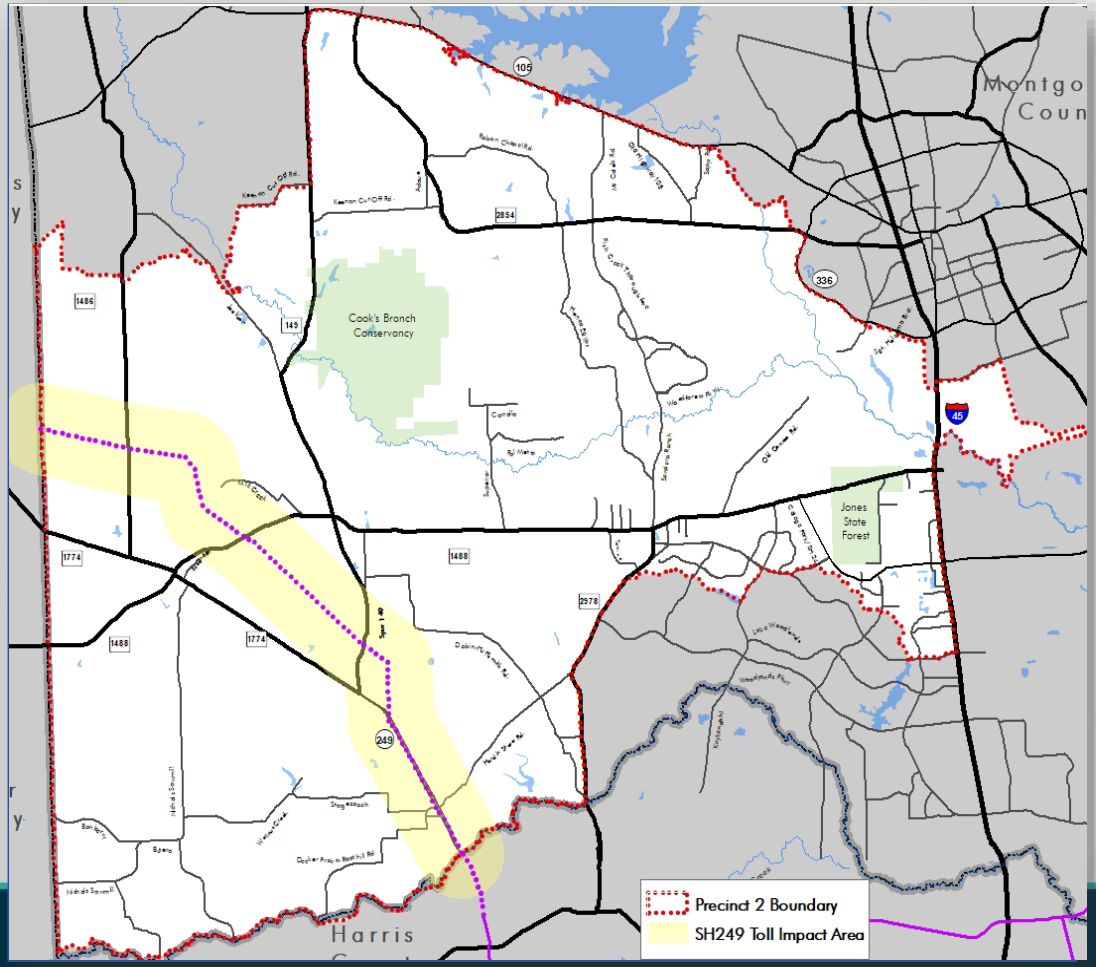
SH 249 Impact



- Study area
- **Area issues**
- Roadway Inventory
- Public Meetings

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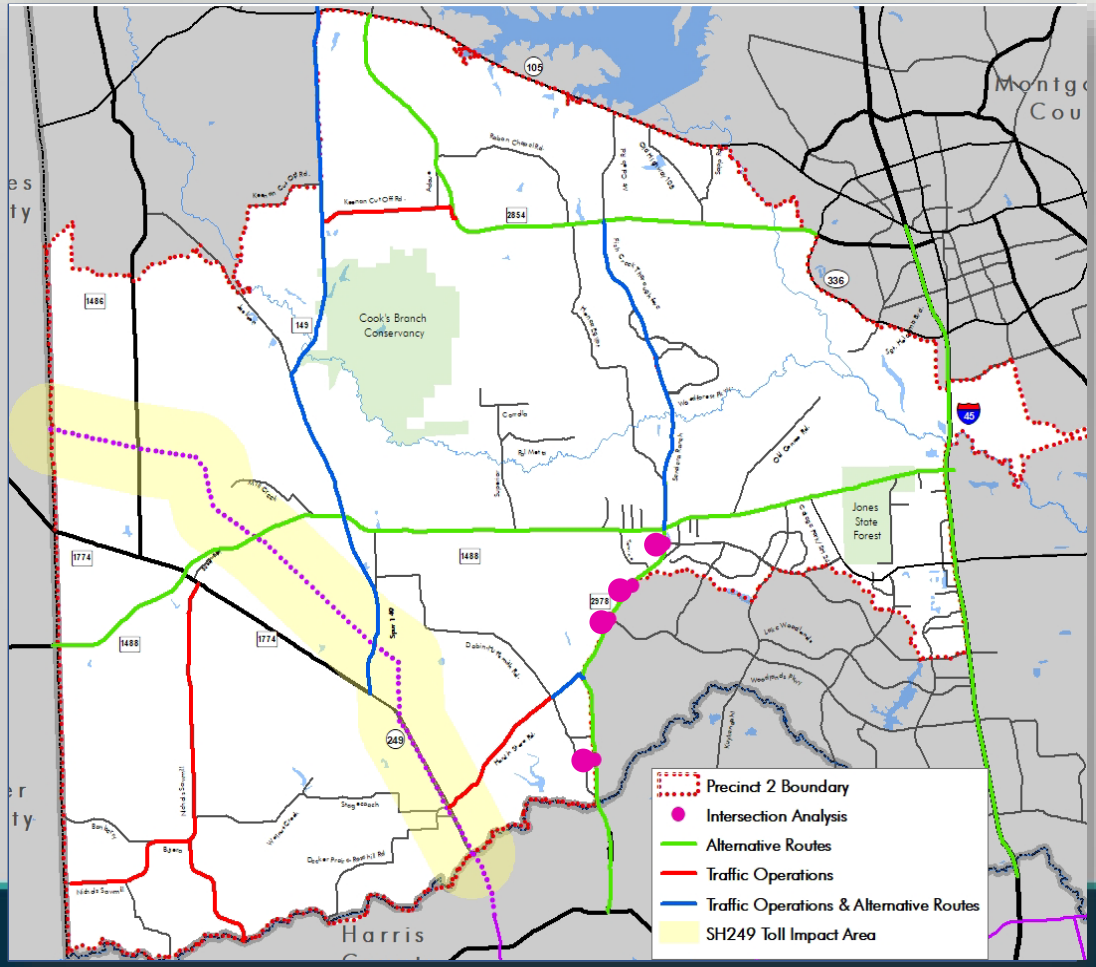
All Issues



- Study area
- Area issues
- Roadway Inventory
- Public Meetings

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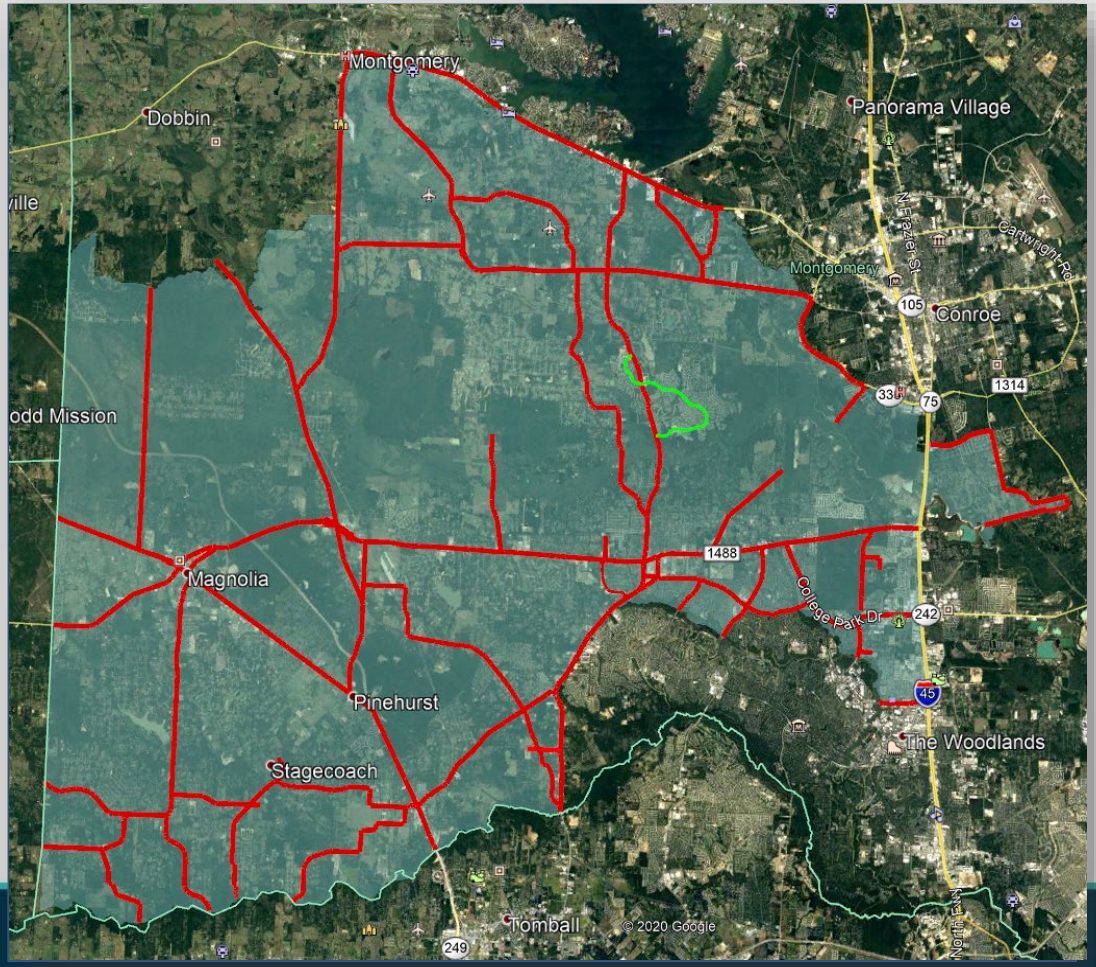
Roadway Inventory



- Study area
- Area issues
- **Roadway Inventory**
- Public Meetings

Pct. 2

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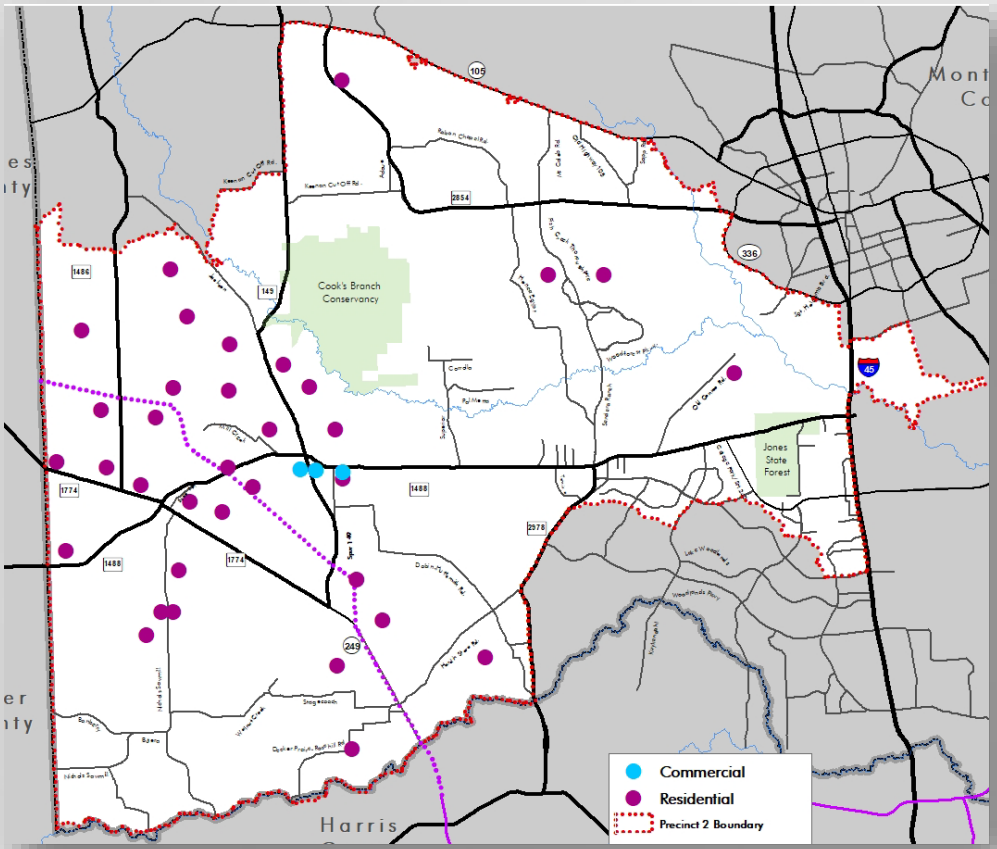
Public Involvement



- Steering Committee Meetings
- Stakeholder Meetings – 2 Rounds
- Public Meetings – 2 Rounds
- Website:

New and Future Developments





















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Houston-Galveston Area Council

Committee Feedback

- Mobility Issues
- New and Future Developments
- Major Trip Generators
- Other

NEXT STEPS

- Steering Committee Workshop - November
- Focus Group Meetings – December
- Public Meetings – February

QUESTIONS



- **Carlene Mullins**
  Carlene.Mullins@h -gac.com
- **Justin Kuzila**
  Justin.Kuzila@h-gac.com
- **Project Website**
  www.h-gac.com/MP2

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MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STEERING COMMITTEE MEETING 2 – MEETING SUMMARY

DECMBER 16, 2020 10:00-11:30AM

Attendees:

Adam France
Adam Galland
Allie Isbell
Barbra Koslov
Brent Everson
Bruce Berger
Callie Barnes
Carl Gerhardt
Carlene Mullins
Catie Reid
Charlie Riley
Eric Boulet
J.J Hollie
Jean Teague
Jeffery English
Justin Kuzila
Kathie Reyer
Kathryn Vo
Kelly Hamann
Kyle Montgomery
Lokesh Vijayagopal
Mike Burns
P.K. Okyere
Richard Tramm
Rick Wong
Rob Eissler
Steve Leaky
Tommy Woolley

Notes:

1. For more detailed information and to view exhibits, see presentation slides.
2. Welcome (Carlene Mullins, 5 min.)
   - Roll call: see above
3. Study Overview (Barbra Koslov, 10 min.)
   - Started collecting data, identifying needs, etc.
   - 1st Steering Committee Meeting held October 2020
   - Another Steering Committee Meeting likely in February 2021
   - Aiming for 1st Public Meeting in March 2021
   - Considering active transportation, multi modal transportation
   - Alternatives to be developed
   - Implementation and Funding Plan - then plan to "wrap up" March 2022
4. Vision and Goals (Mullins, 10 min.)
   - Vision - Draft:
     Develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.
   - Vision Comments
     - No comments - Bruce Berger & Jean Teague both said sounds good
   - Goals - Draft:
     - *Improve Safety*
     - *Achieve and Maintain a State of Good Repair*

- *Move People and Goods Efficiently*
- *Strengthen Regional Economic Competitiveness*
- *Conserve and Protect Natural and Cultural Resources*

- Goals Comments
  - Someone asked what the cultural resources are
    - ✓ Cemeteries, historic properties, places that add value to the community
    - ✓ No other comments on goals

5. Existing Conditions (Barbra Koslov, 20 min.)
   - Land use, barriers, demographics, and trip generators were discussed
   - Comments:
     - Carl Gerhardt (Westwood Magnolia Parkway Improvement District) – missing Lake Creek Preserve
       - ✓ Carlene requested shapefile
       - ✓ Barriers
     - Bruce Berger (MP2) – asked if Old Conroe Rd extension considered – in relation to mention of Del Webb community on barriers slide
       - ✓ Yes, Old Conroe Rd extension has been considered
6. Initial Analysis (Barbra Koslov, 20 min.)
   - Congestion
     - Based on 2020 model, which does not incorporate impacts of COVID-19, 77% of roadways are under capacity, 12% are near capacity, and 11% are at or over capacity. 354 miles of roadway considered in the model.
     - The 2045 model, which includes 466 miles of roadway), shows 45% under capacity, and 46% at or above capacity
     - FM 1488 and FM 2978 – high density traffic areas but expect relief from completion of FM 2978 widening and SH 249 construction.
       - SH 249 construction expected to be complete by end of 2021
   - Crash
     - From 2015 through 2019, there were 12,601 total crashes and 84 total fatalities in Precinct 2
     - SH 242 at IH 45 has highest crash rate in the entire Houston region
   - Multi- Modal Mobility Plan – Transit
     - Existing transit in the area is limited
       - 1 Park & Ride location within Precinct 2
       - Adjacent precincts have Conroe Connection and The Woodlands Township Transit
     - Parks, Sidewalks, Hike and Bike Trails
       - 72 miles of existing trails
       - 17 miles of trails proposed
       - Limited sidewalk coverage
     - Future considerations:

- ✓ Bike paths/routes
- ✓ Additional Park & Ride/commuter service

7. Identified Issues and Needs (Barbra Koslov, 20 min.)
   - Issues identified by Steering Committee:
     - Capacity, congestion, signal timing, turn delay, construction delay, flooding, safety, school traffic at specified locations
     - Additional East/West and North/South corridors needed
     - Extend Old Conroe Rd
   - Issues Identified by Study Team:
     - Safety (crash hot spots identified), intersection improvements, gap analysis, existing barriers to roadway connections and extensions, commute alternatives, limited transit options
8. Resiliency (Kathryn Vo, 15 min.)
   - Resiliency was described as the ability of a transportation system to move people around in the face of one or more major obstacles to normal function.
   - Criticality vs vulnerability analysis
     - CriticalityAssessment identifies transportation assets that are crucial to the region's routine functions and economic activities
     - Vulnerability Assessment identifies transportation assets that are most susceptible to probable regional climate stressors.
   - H-GAC tool available
   - Case study will be performed as a result of MP2 to determine how the resiliency matrix might be revised to represent a more accurate description of resiliency in non-coastal areas.
9. Discussion (Barbra Koslov, 15 min.)
   - Bruce Berger (MP2) – expanded reach of signals department – now separate. Should invite head of signal department (Charles Cobb) to join in discussions
     - Northstar Traffic Operations uses ITS equipment to monitor and manage traffic operations for the region
   - Adam Galland (TxDOT – Conroe) – asked about location of flooding on Loop 336 mentioned in criticality/vulnerability spreadsheet
     - ✓ Katherine Vo – located on southern portion of 336 above Silverdale Creek; underpass located at intersection of I-45 and Frasier St
     - ✓ Adam – gates and a pump station have been added at that location
   - Adam Galland (TxDOT – Conroe) – safety and pedestrian safety along I-45

        - ✓ Another fatality occurred recently
        - ✓ Typically crossing I-45, location varies
        - ✓ Bruce Berger – the recent ped-involved crashes have extenuating circumstances; many of pedestrian crashes are around hospital area (242) & Woodlands Parkway
    - Requested comments on Vision and/or Goals
        - ✓ No comments vocalized during meeting
10. Next Steps (Carlene Mullins, 5 min.)
    - Public Meetings anticipated in March & August 2021
        - ✓ Would like to have in person, but not yet confirmed
    - Additional stakeholders (first responders, county contacts, churches, civic clubs, etc.)
        - ✓ Adam Galland (TxDOT – Conroe) – suggested to ask Catherine McCreight for stakeholder lists from regional TxDOT projects/studies
        - ✓ Carl Gerhardt (WMPID) – suggested Chief Vincent of Magnolia Volunteer Fire Department





Montgomery County Precinct 2 Mobility Study





Steering Committee Meeting 2
December 16, 2020

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Pct. 2

Houston-Galveston Area Council

AGENDA



- Welcome
- Project Purpose and Goals
- Role of Steering Committee
- Existing and Future Conditions
- Planned improvements
- Network Gaps
- Discussion
- Next Steps

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WELCOME

- Introductions
- Website www.h-gac.com/MP2
- Local Funding Partner



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Study Structure

- **Steering Committee**
  - Montgomery County Precinct 2
  - City of Conroe
  - City of Magnolia
  - City of Montgomery
  - City of Shenandoah
  - The Woodlands Township
  - TxDOT Conroe Office
  - TxDOT Houston Office
  - Westwood Magnolia Parkway Improvement District
  - The Woodlands Chamber of Commerce
  - Magnolia ISD Transportation Dept.
  - Magnolia Police
  - Montgomery County Sheriff
  - Montgomery County Engineer's Office

- **Study Team**
  - H-GAC Staff
    - *Carlene Mullins, Project Manger*
    - *Justin Kuzila, Project Planner*
    - *Allie Isbell, Deputy Project Manager*
  - Consultant Team
    - *GUNDA - Prime*
    - *AIG Technical Services*
    - *Blanton & Associates*
    - *CJ Hensch & Associates*

BACKGROUND



- Commissioner Riley, Commissioner of Montgomery County Precinct 2
- Alan Clark, Former H -GAC Transportation Planning Director

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Purpose & Goals



- Identify mobility needs
- Development consensus on recommendations
- Develop a list of projects
- Recommend updates to Thoroughfare Plans

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Steering Committee Role



- Identify mobility issues, new developments, trip generators, etc.
- Develop a vision statement, goals and objectives
- Receive, review and provide input throughout the development of the mobility plan
- Recommend stakeholders
- Encourage public meeting attendance

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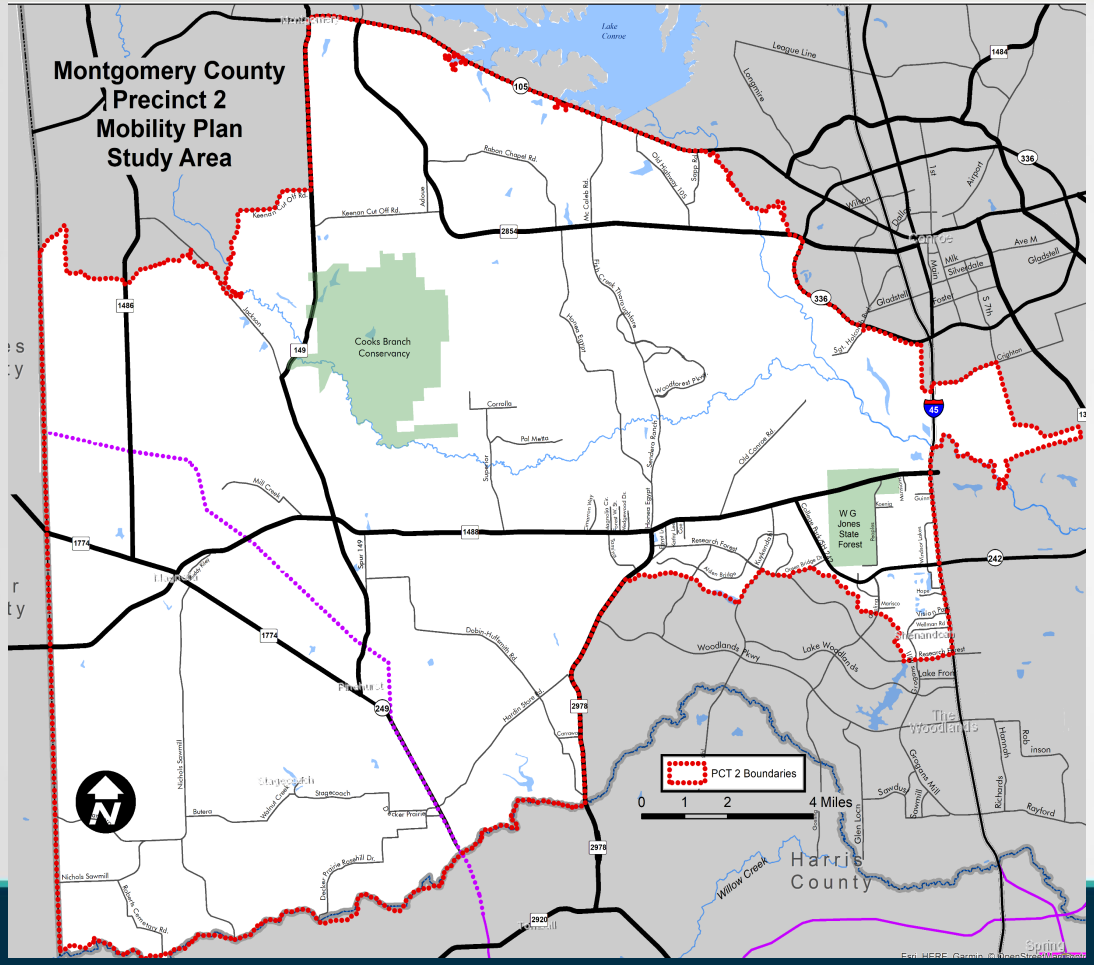
Study Area



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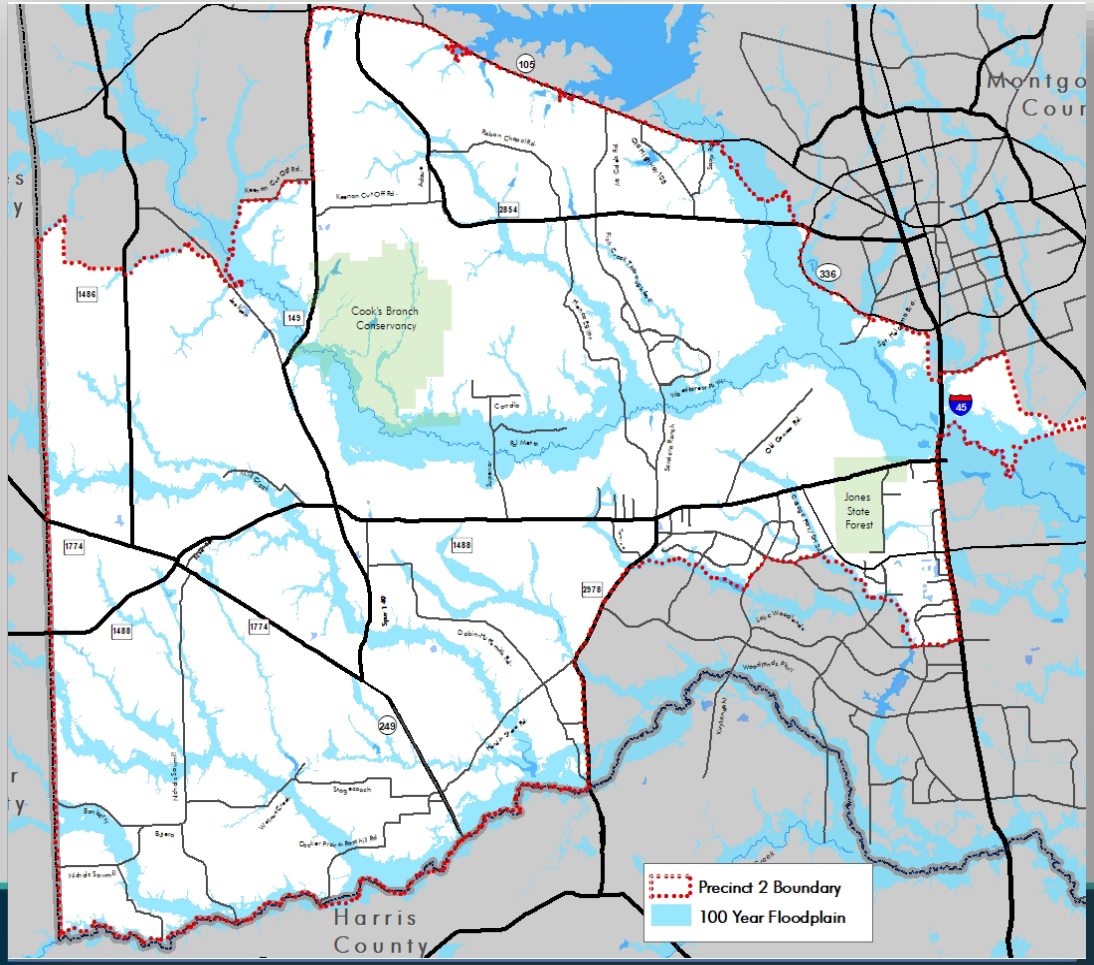
Existing Land Use



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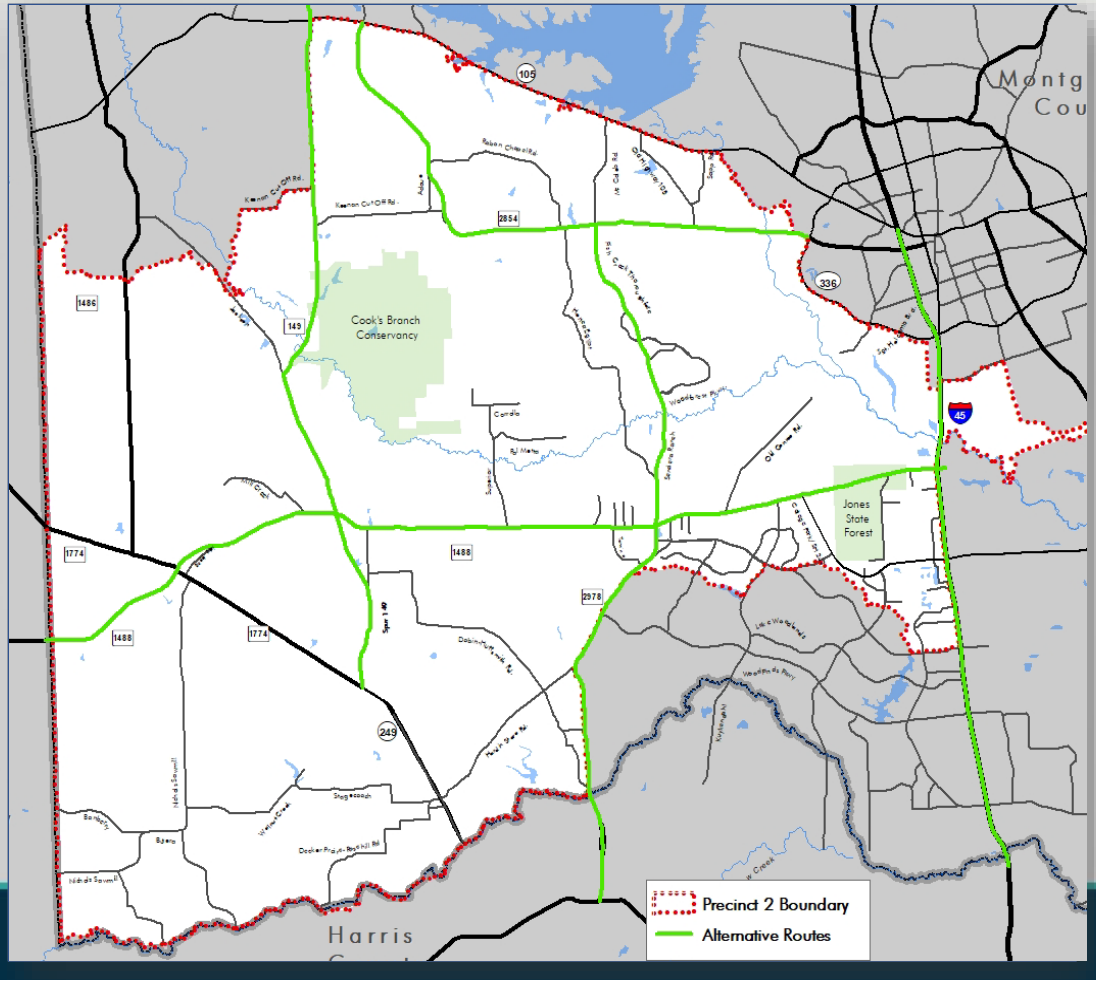
Future Land Use



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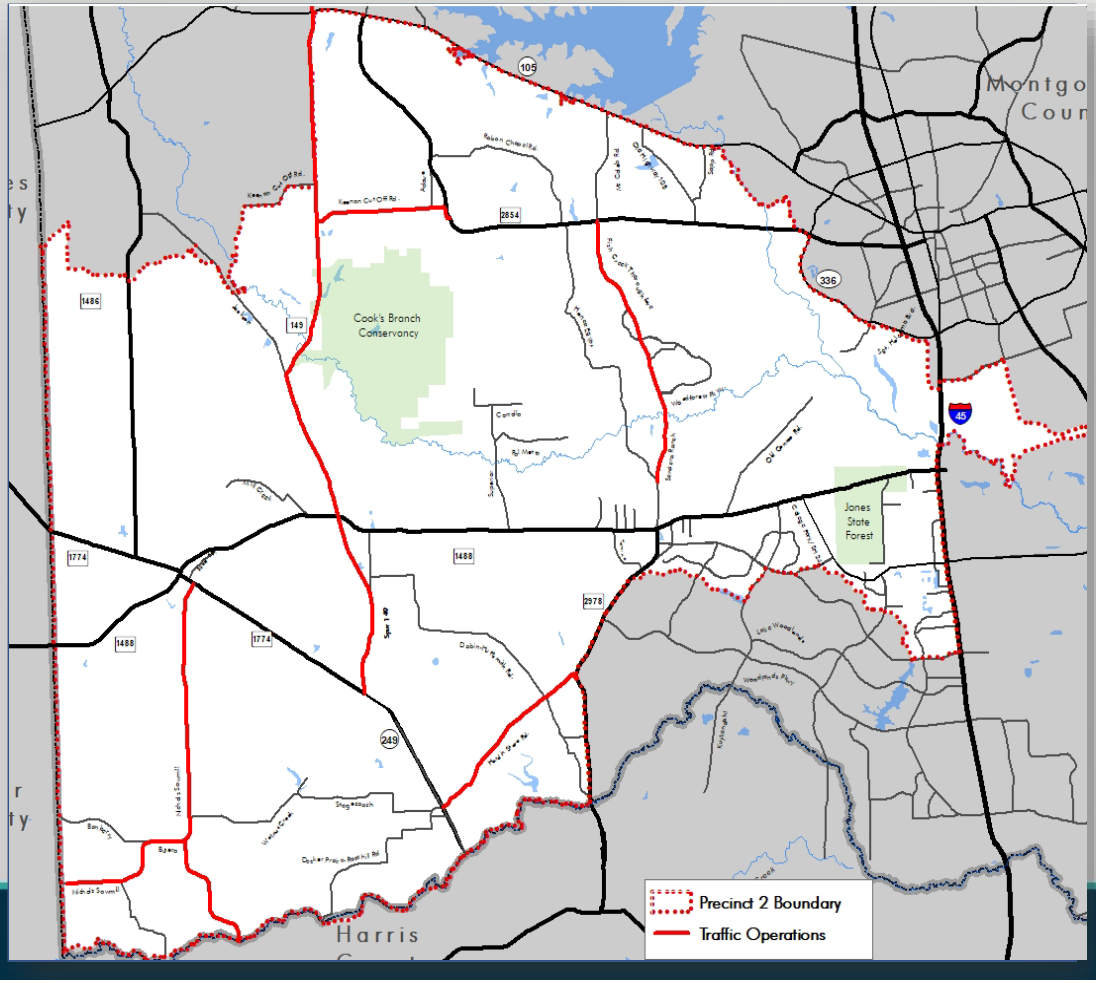
Existing Demographics



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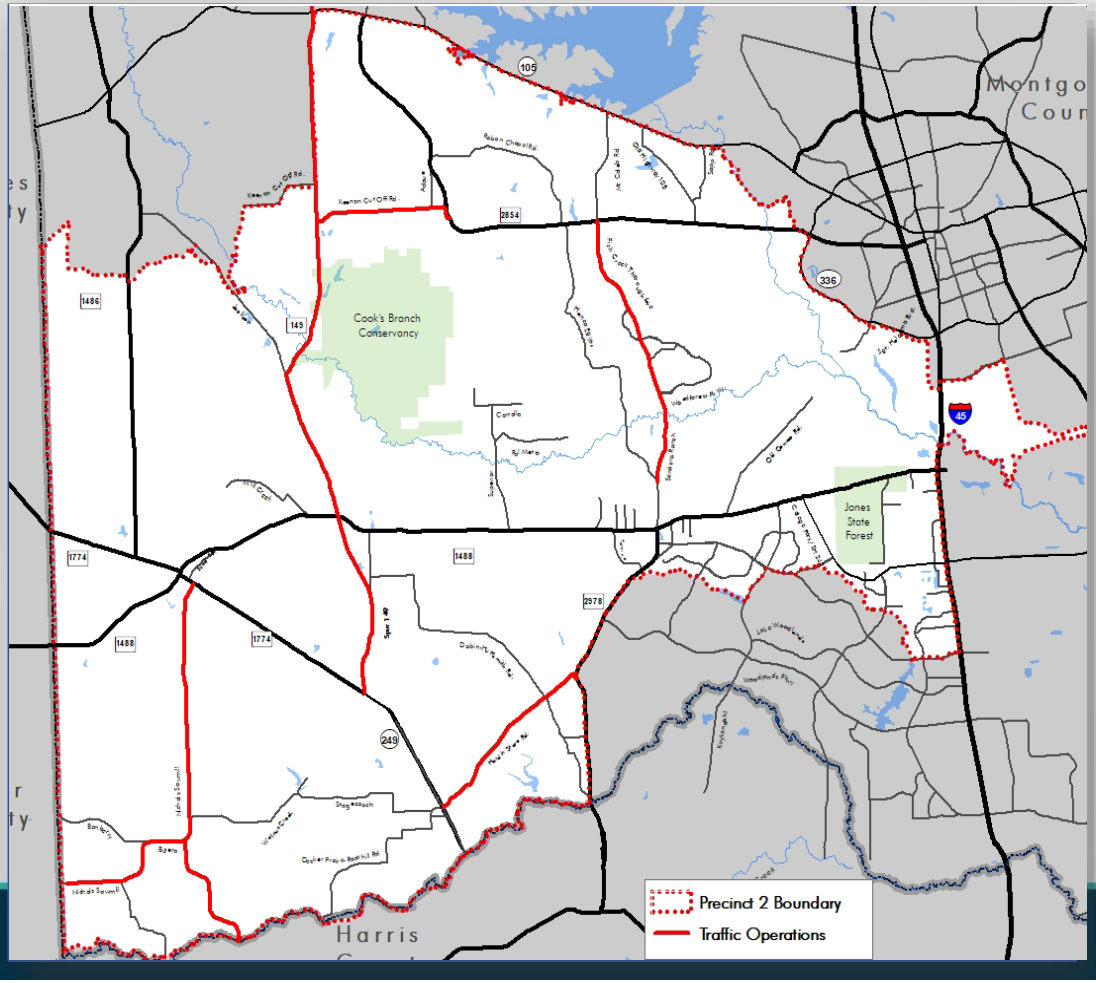
Activity Centers



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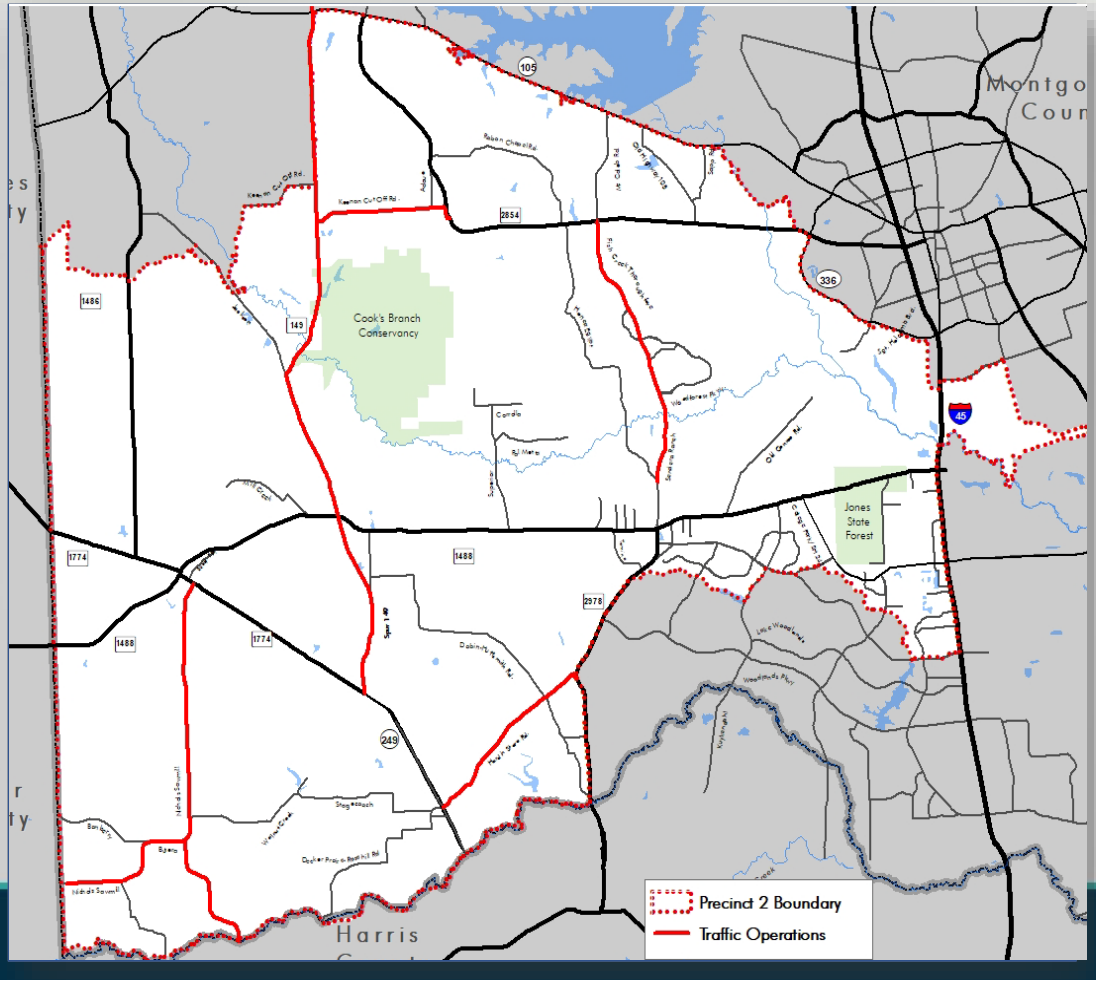
2019 Congestion



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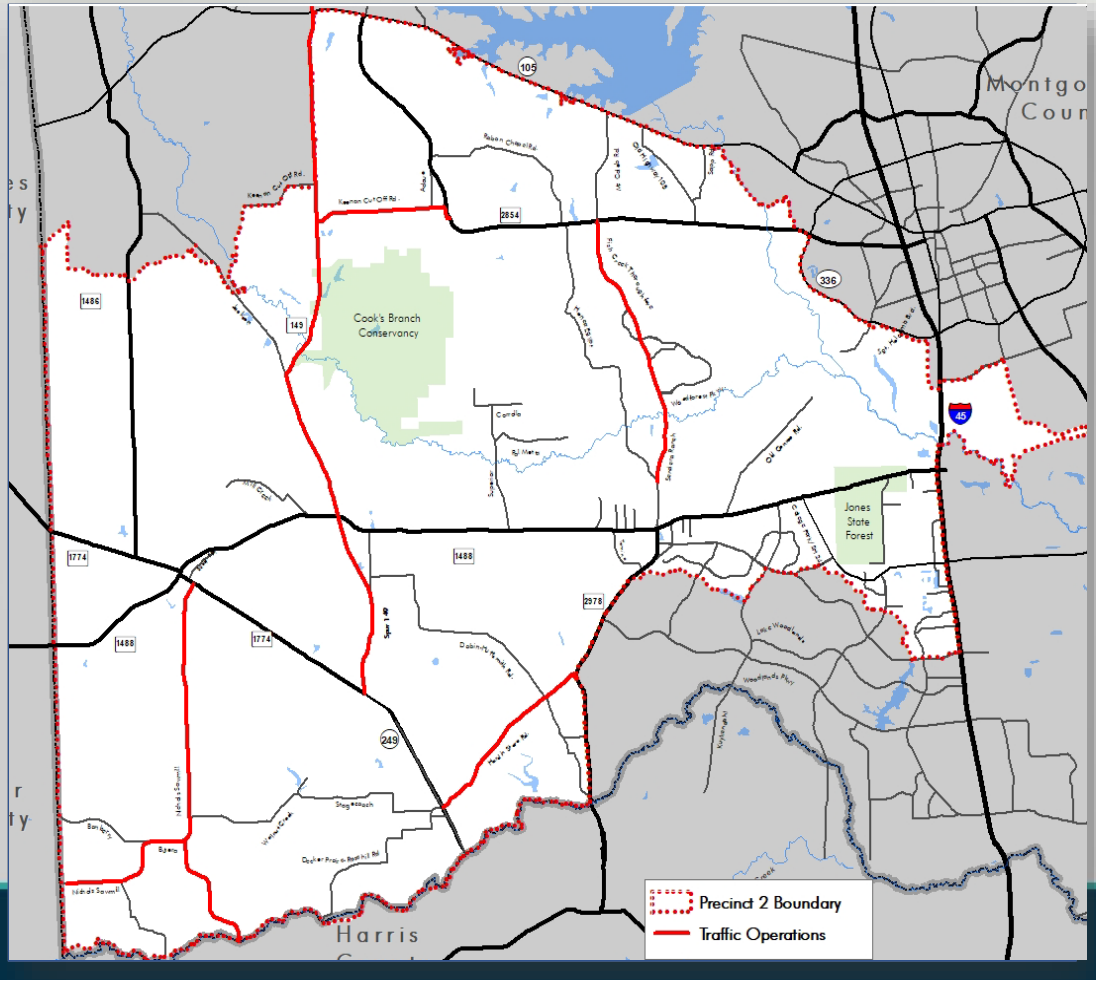
2045 Congestion



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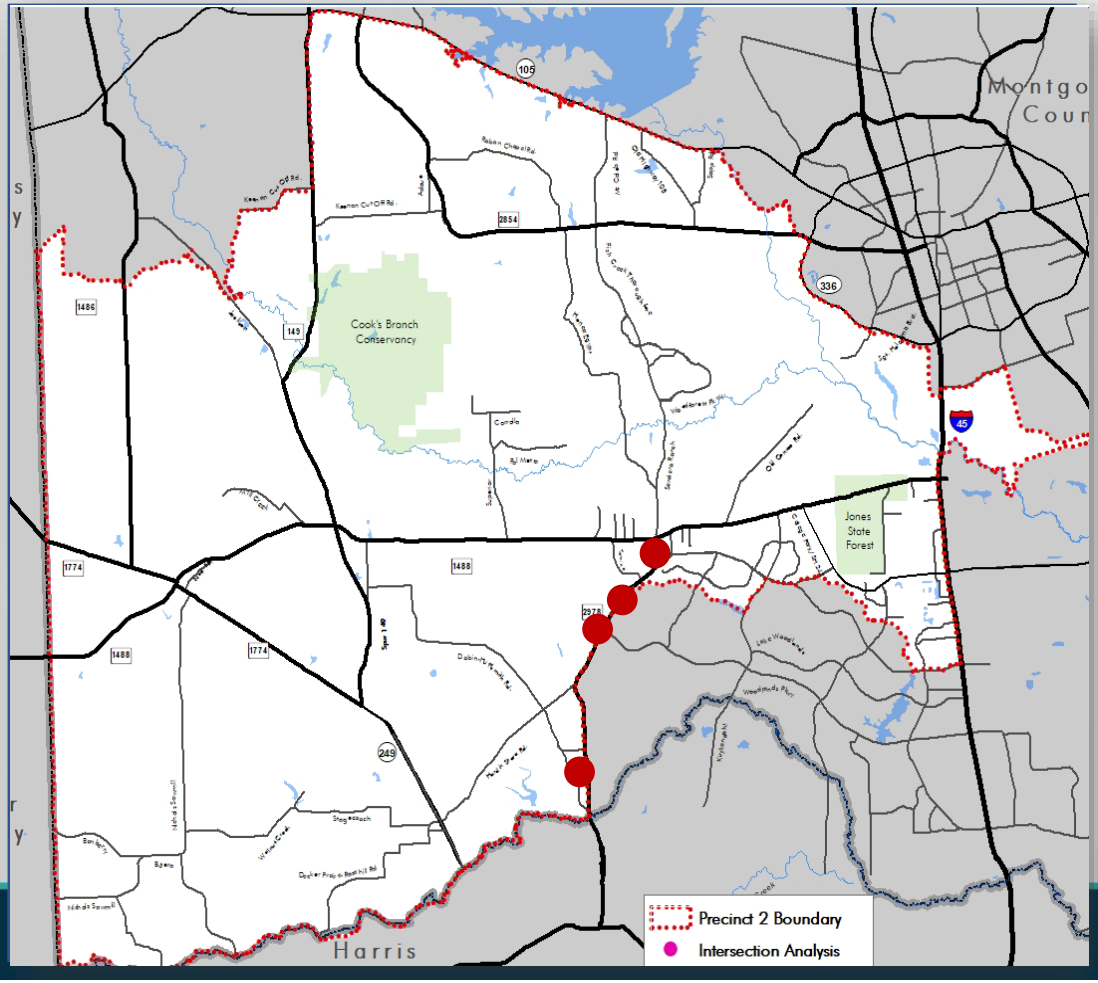
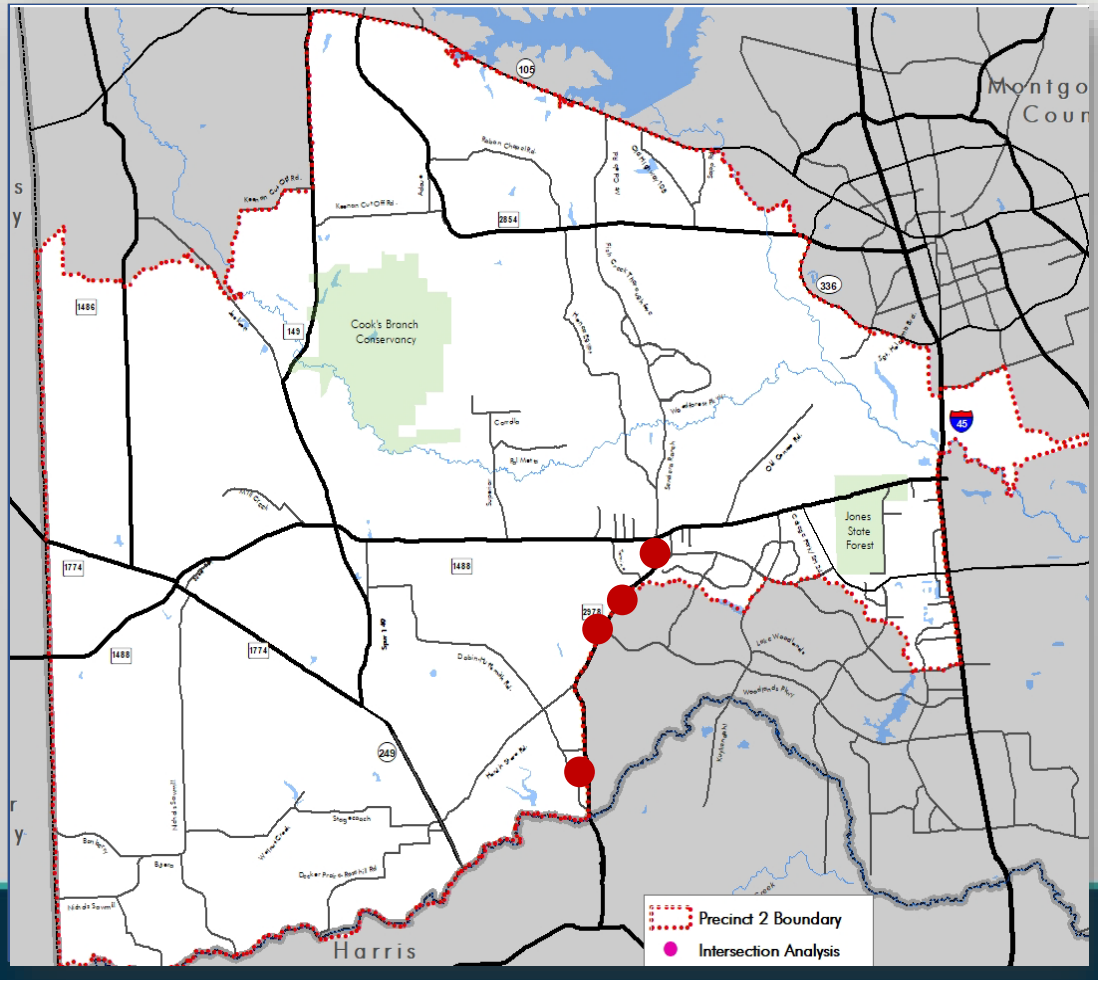
Critical Intersections



Toolbox 1 For Intersection Improvements



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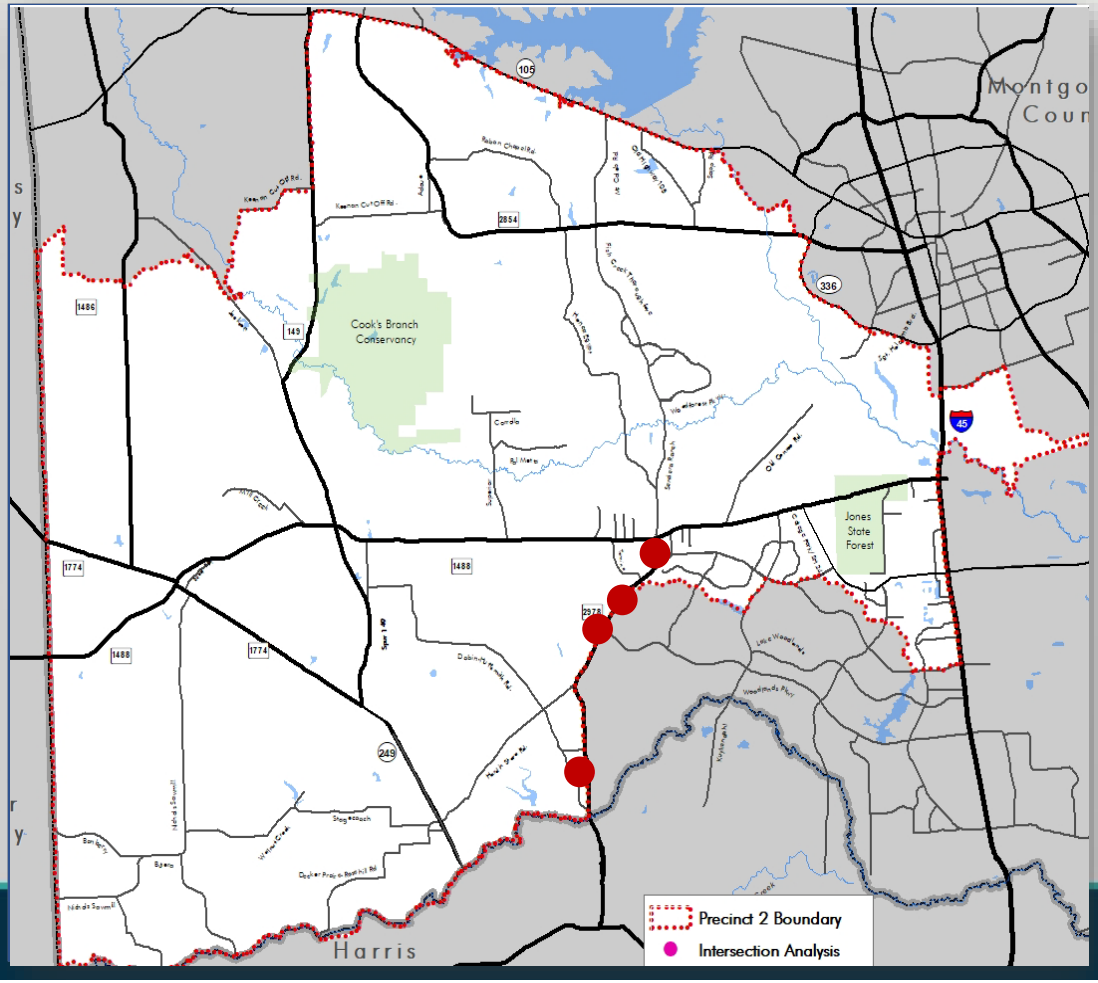
Toolbox 2 For Intersection Improvements



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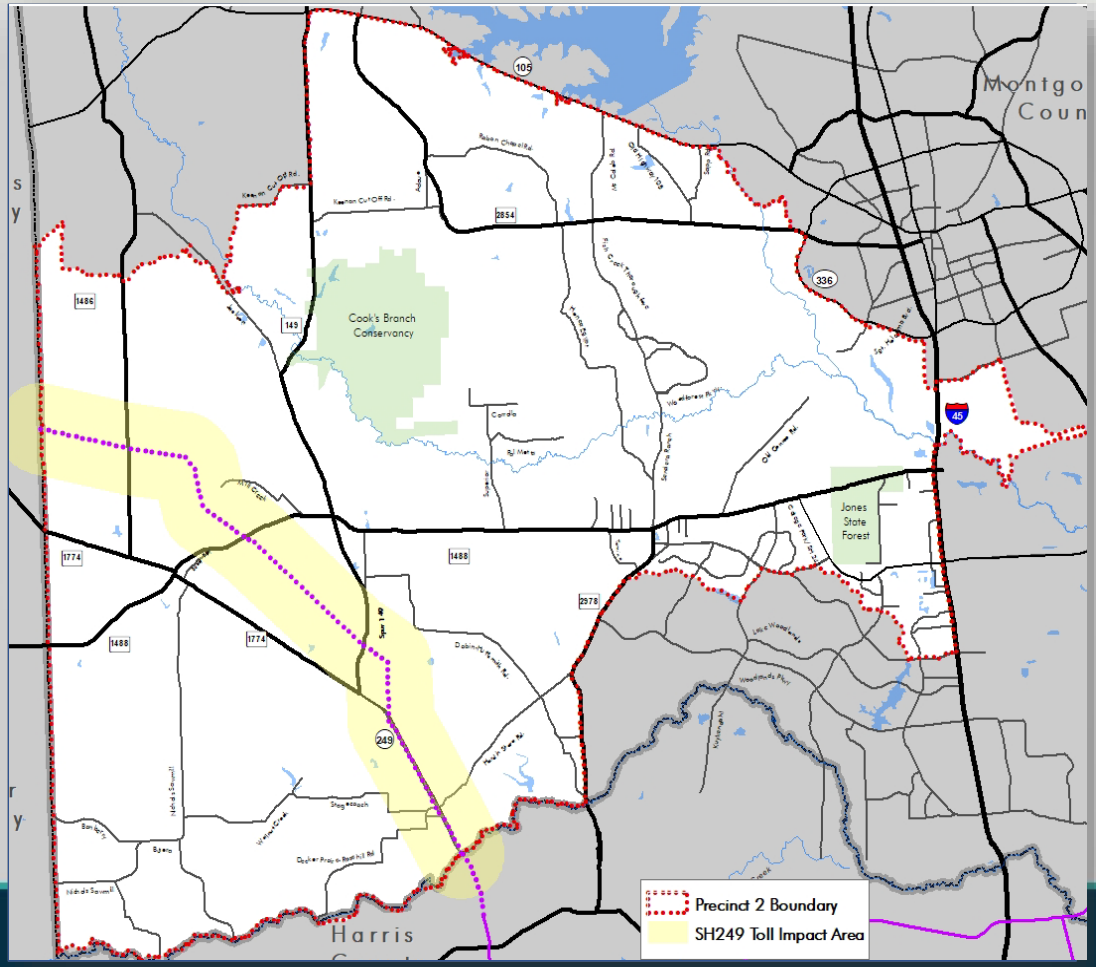
Crash Analysis



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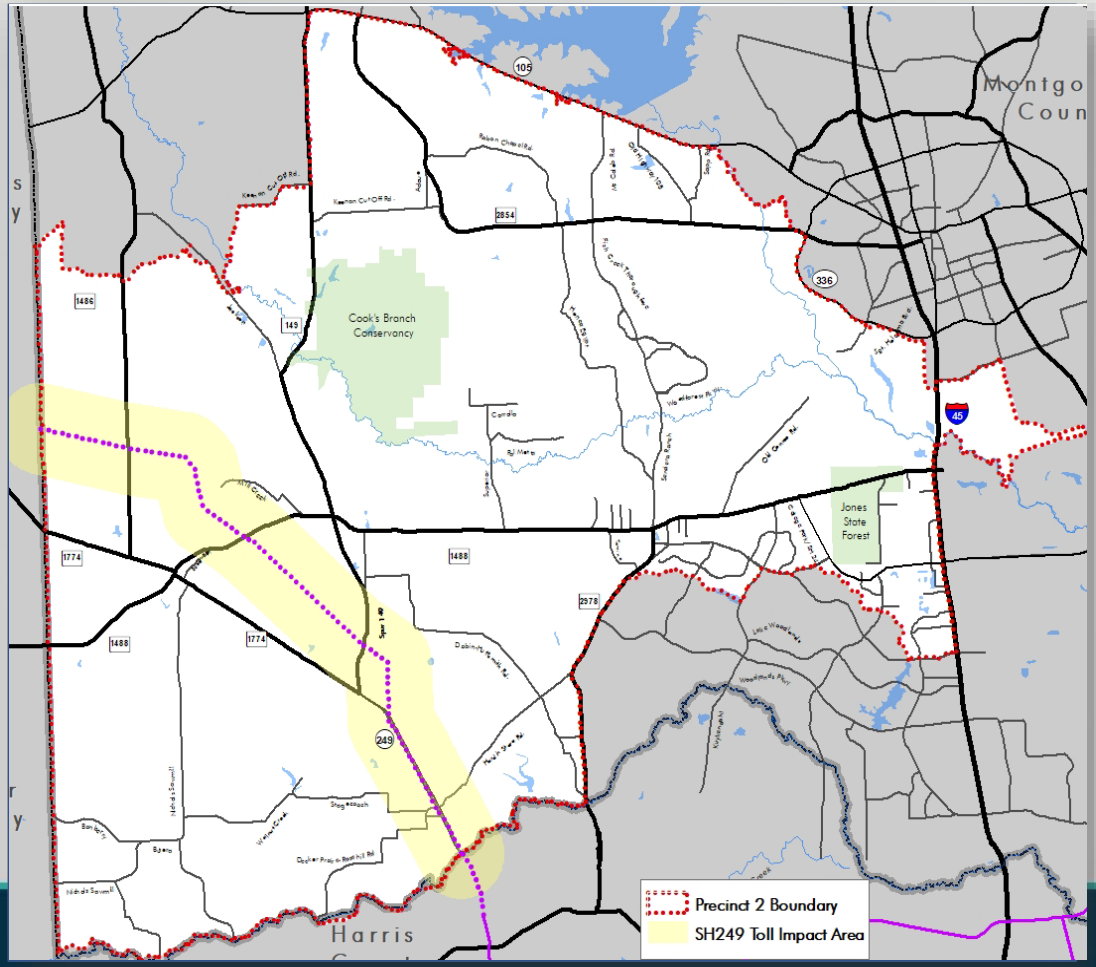
Transit Service



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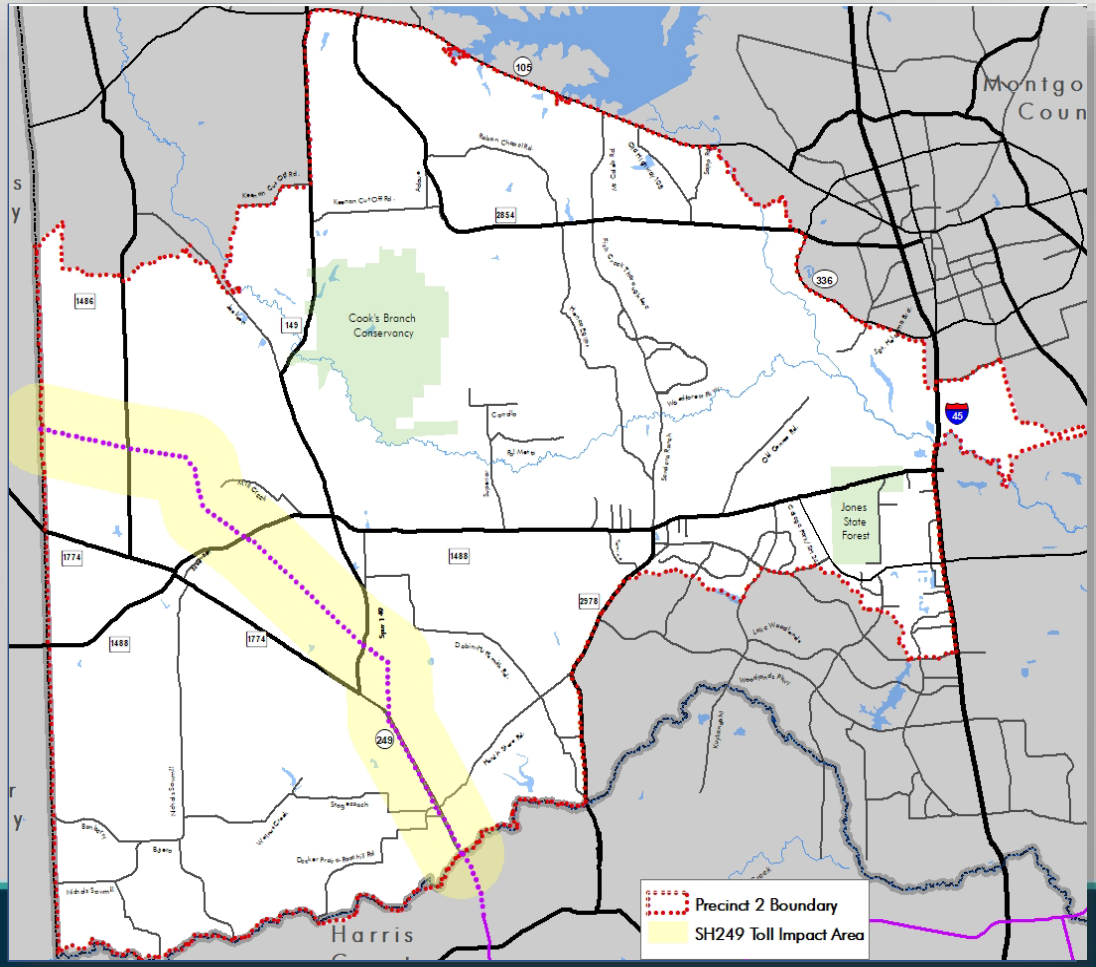
Parks, Sidewalks, Hike and Bike Trails



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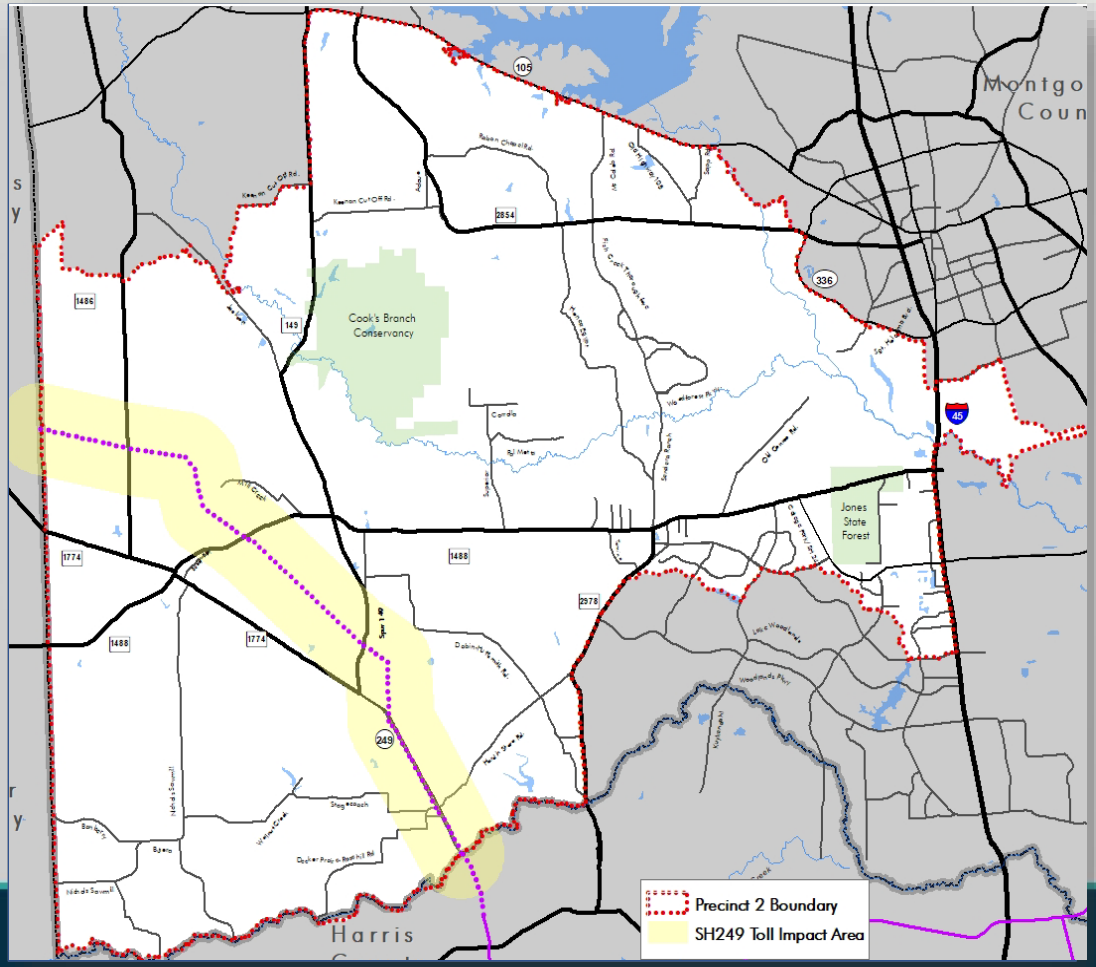
Planned Improvements



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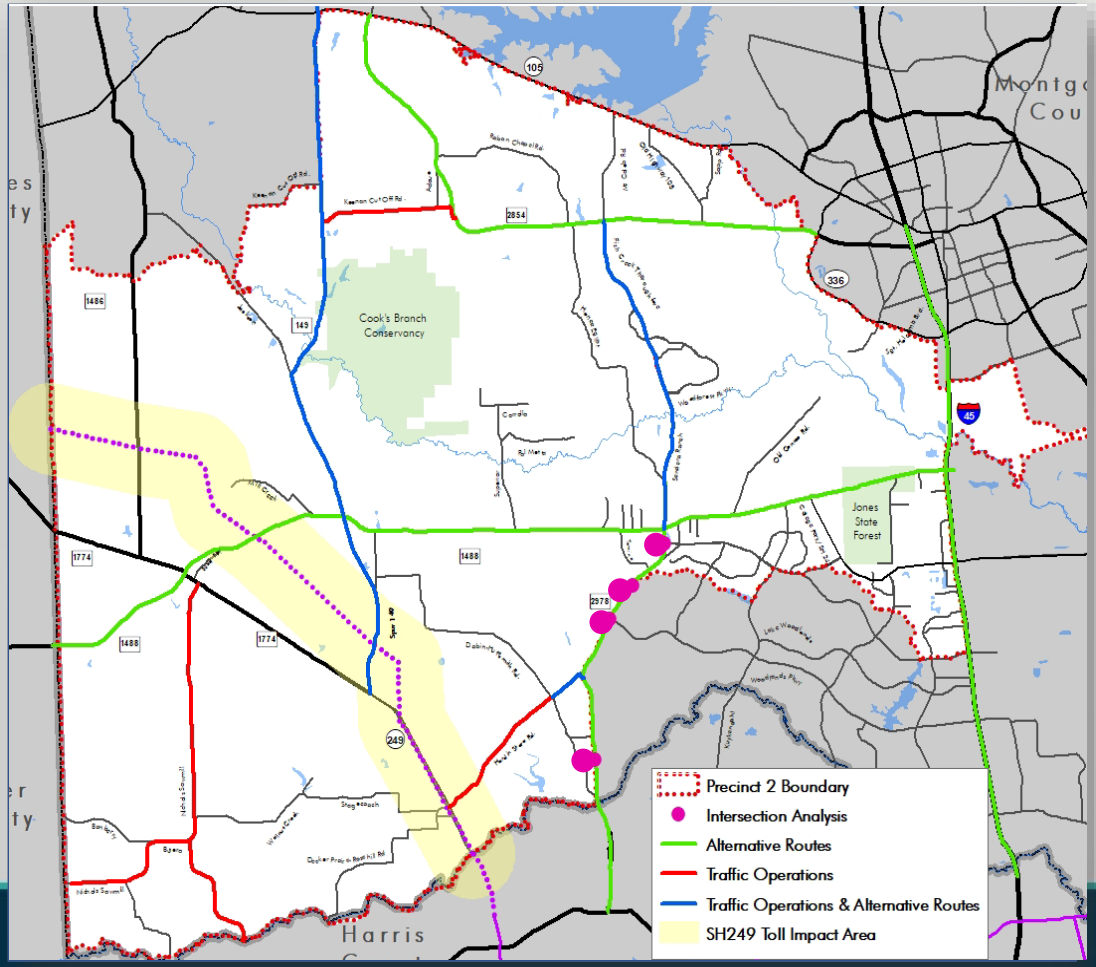
Network and Connectivity Gaps



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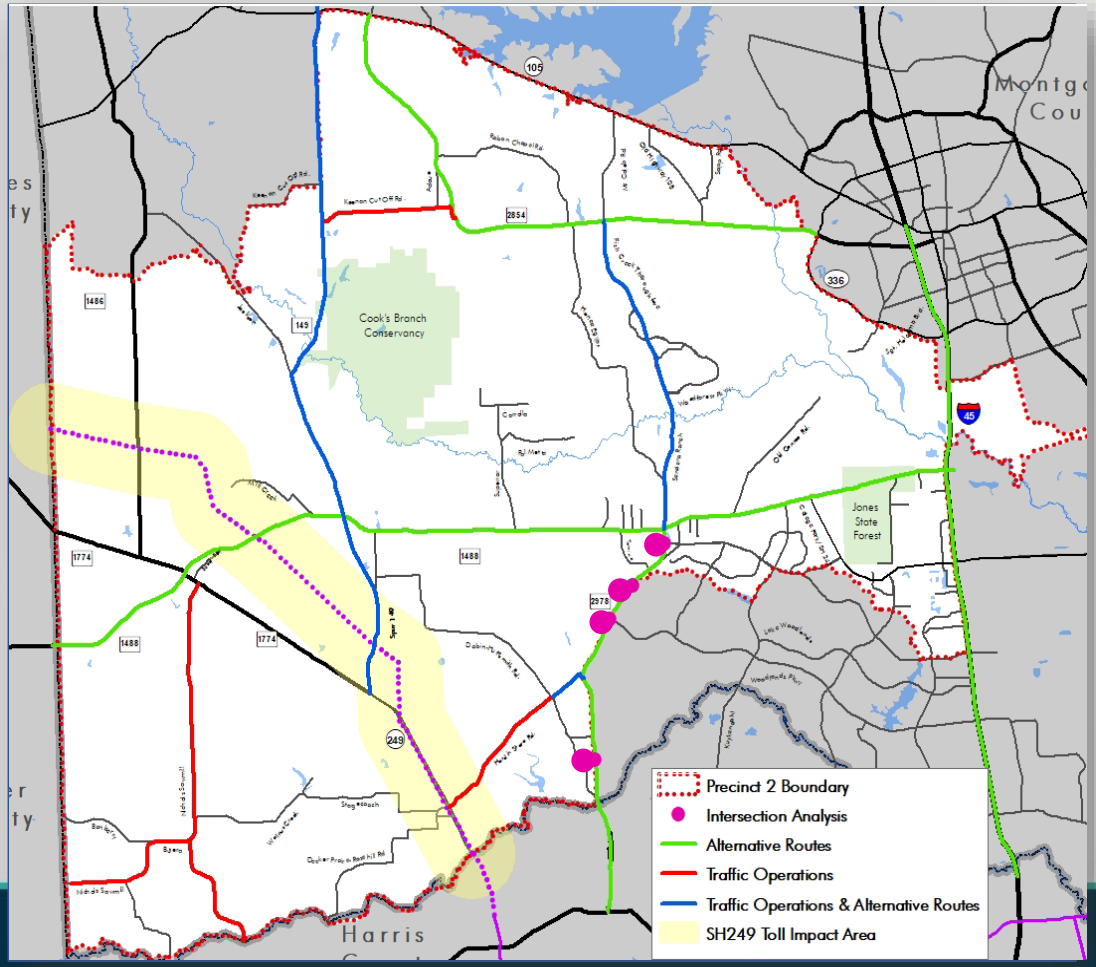
Resilience Plan



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NEXT STEPS

- Focus Group Meetings –
- Public Meetings – February

QUESTIONS



- **Carlene Mullins**
  Carlene.Mullins@h -gac.com
- **Justin Kuzila**
  Justin.Kuzila@h-gac.com
- **Project Website**
  www.h-gac.com/MP2

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Montgomery County Precinct 2 Mobility Study

Documentation of Focus Group Virtual Stakeholder Meeting I

Project Location
Montgomery County

Precinct 2

Meeting Location
Zoom

Meeting Date and Time
Wednesday, February 3, 2021 at 9:00 a.m. to 11:00 a.m.

Thursday, February 4, 2021 at 9:00 a.m. to 11:00 a.m.

Friday, February 5, 2021 at 9:00 a.m. to 11:00 a.m.

Presenters
Carlene Mullins, Project Manager & Principal Planner, Houston-Galveston Area Council
Barbara Koslov, Senior Transportation Manager, Gunda Corporation

Total Number of Attendees (approx.)
60

Total Number of Commenters (approx.)
43

Contents

A. Sign-in sheets
B. Focus Group Virtual Meeting I Presentation Summary
C. Table 1. Questions/Responses

Attachment A

Sign-in Sheets

Attendance
Total Attendance: 60

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting I

Zoom

Friday, February 3, 2021

9:00 AM to 11:00 AM

Attendees

NAME / NOMBRE	AGENCY / AGENCIA
Carlene Mullins	Presenter, Houston-Galveston Area Council (H-GAC)
Barbara Koslov	Presenter, Gunda Corporation
Lokesh Vijayagopal	Gunda Corporation
Justin Kuzila	H-GAC
Rob Eissler	Westwood Magnolia Parkway Improvement District (WMPID)
Bruce Hillegeist	Greater Tomball Area Chamber of Commerce
Tana Ross	City of Magnolia
Courtney Gallo	Conroe Chamber of Commerce
Marlisa Briggs	North Houston Association
Don Doering	City of Magnolia
Joseph Peart	City of Shenandoah
Kelly McDonald	Magnolia ISD & Magnolia Chamber of Commerce
Susan Johnson	Conroe Chamber of Commerce
John Mayner	Shenandoah Convention and Visitors Bureau
Bruce Berger	Chief of Staff, Montgomery County Precinct 2
Adam Krantz	City of Conroe
Tommy Woolley	City of Conroe
Jeffrey English	Texas Department of Transportation (TxDOT)
Dave McCorquodale	City of Montgomery
Carl Gerhardt	WMPID

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting I

Zoom

Thursday, February 4, 2021

9:00 AM to 11:00 AM

Attendees

NAME / NOMBRE	AGENCY / AGENCIA
Carlene Mullins	Presenter, Houston-Galveston Area Council (H-GAC)
Barbara Koslov	Presenter, Gunda Corporation
Lokesh Vijayagopal	Gunda Corporation
Justin Kuzila	H-GAC
Linda Nelson	Memorial Hermann The Woodlands Medical Center
Steve Leakey	Resident of Montgomery County
Randall Cade	Bike the Woodlands Coalition
Carl Gerhardt	Westwood Magnolia Parkway Improvement District (WMPID)
Sharon Moses	City of Houston
Rusty Griffith	Magnolia Fire Department & Montgomery County Fire Department
Brent Everson	WMPID
C.T. Gooding	Bike the Woodlands Coalition
Jean Teague	Resident of Shenandoah
Bruce Berger	Chief of Staff, Montgomery County Precinct 2
Tommy Woolley	City of Conroe
Justin Evans	Montgomery County Hospital District
James Parisi	CHI St. Luke's Health
Kyle Roth	Houston Methodist Hospital
Kendra Windisch	MD Anderson
Patricia Monticello Kievlan	Bike the Woodlands Coalition
Adam Krantz	City of Conroe
Sarah Mitchell	Cook's Branch Conservancy
Adam Galland	Texas Department of Transportation (TxDOT)

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting I

Zoom

Friday, February 5, 2021

9:00 AM to 11:00 AM

Attendees

NAME / NOMBRE	AGENCY / AGENCIA
Carlene Mullins	Presenter, Houston-Galveston Area Council (H-GAC)
Barbara Koslov	Presenter, Gunda Corporation
Lokesh Vijayagopal	Gunda Corporation
Justin Kuzila	H-GAC
Caroline Cruz	Texas A&M Forest Service
Julie Ambler	Woodlands Christian Academy
Joe Dives	Magnolia ISD
Dr. Todd Stephens	Magnolia ISD
Cindy Mooneyham	Magnolia ISD
Julie Hrebicek	Magnolia ISD
Andy DuBois	Montgomery County Precinct 3
Carl Gerhardt	Chairman Westwood Magnolia Parkway Improvement District (WMPID)
Paula Klapesky	Mitchell Intermediate School
Jeffrey English	Texas Department of Transportation (TxDOT)
Rick Wong	Montgomery County
J.J. Holllie	Woodlands Area Chamber of Commerce
Steve Leakey	Resident of Montgomery County

Attachment B

Focus Group Virtual Meeting 1 Presentation Summary

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting 1 Presentation Summary



AGENDA



- Welcome
- Study Overview
- Existing Conditions
- Identified Issues and Needs
- Discussion
- Next Steps

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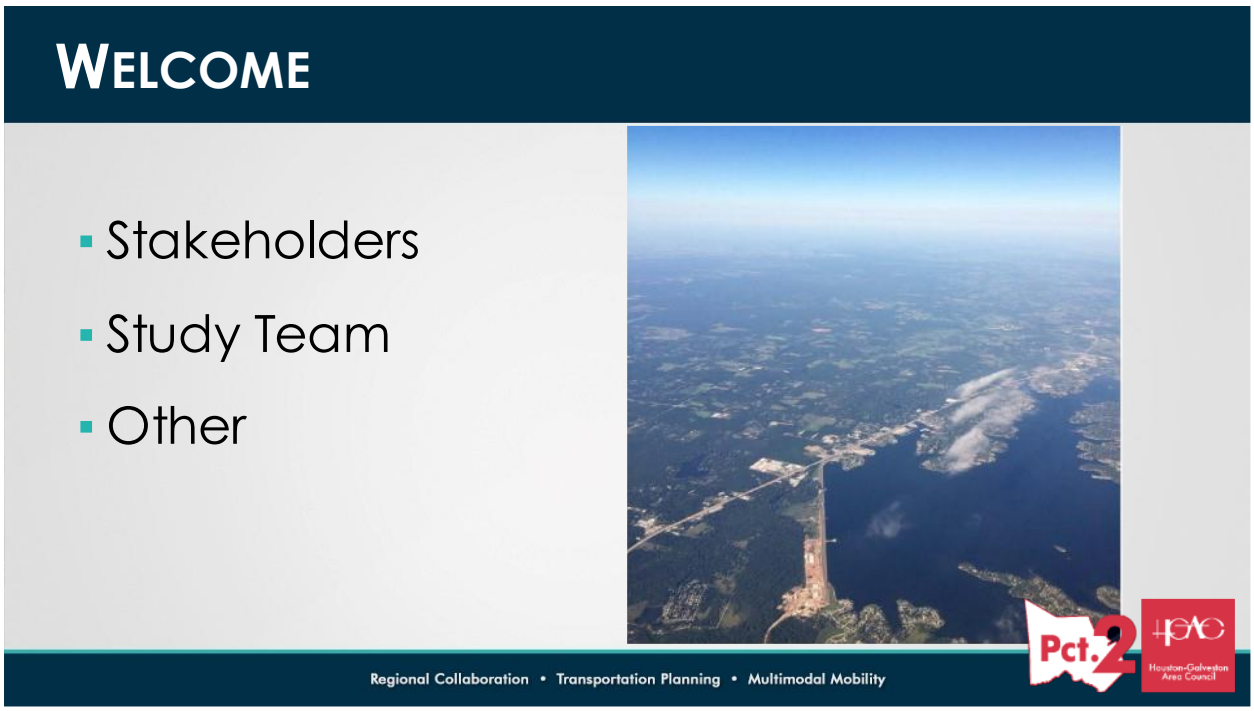
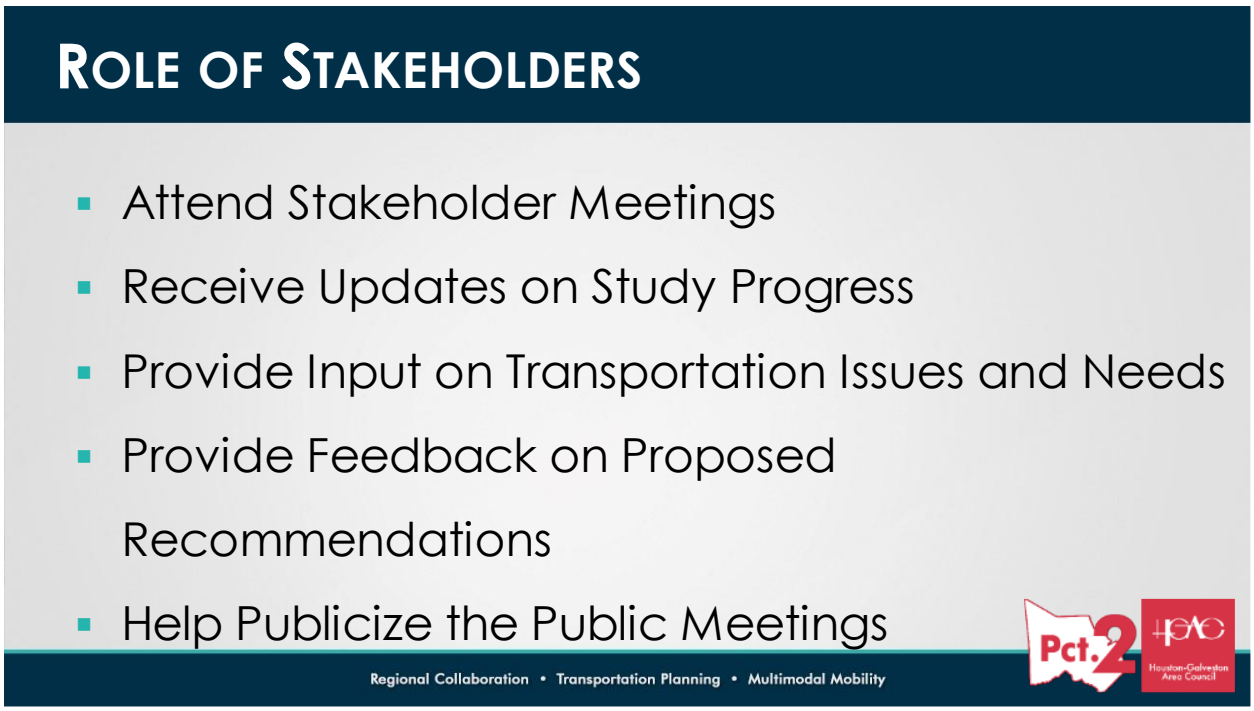


Stakeholders have been divided into three focus groups: officials and representatives of cities and chambers of commerce; first responders; and school districts. The study team includes staff from H-GAC, Gunda Corporation, AIG Consultants, and Blanton & Associates.



This is the first of two Stakeholder meetings. The second meeting is planned for August 2021.


Study Overview
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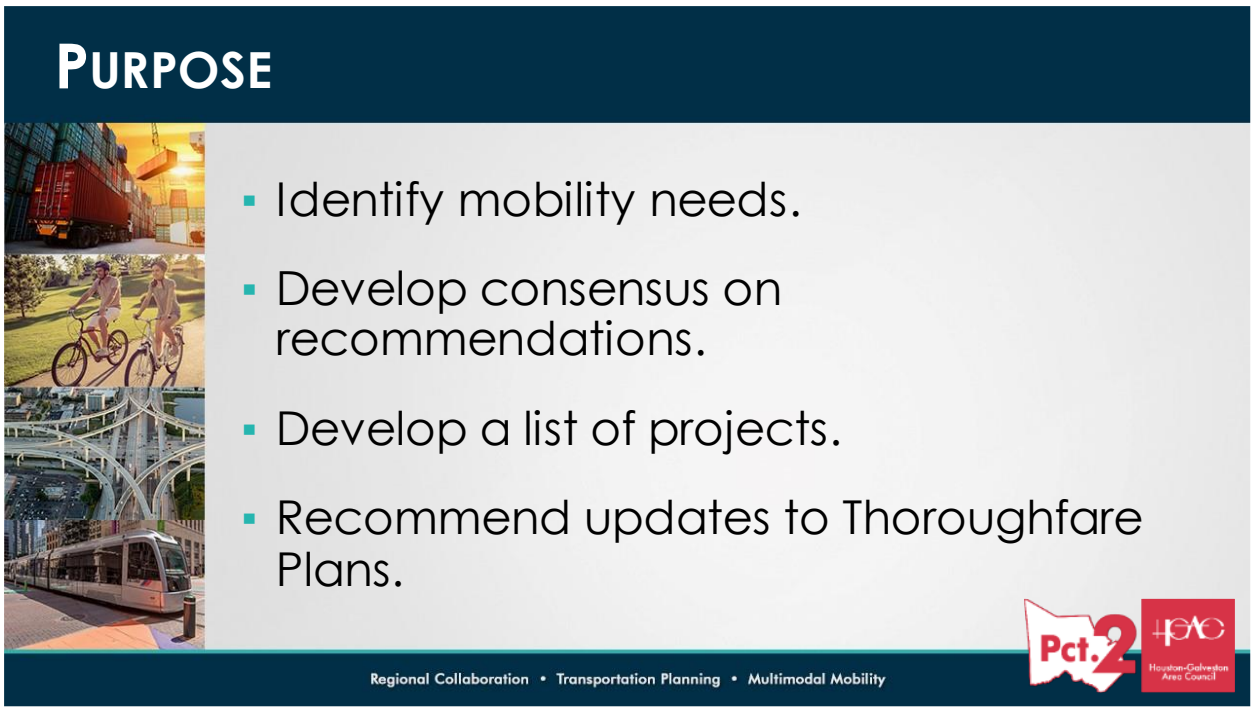
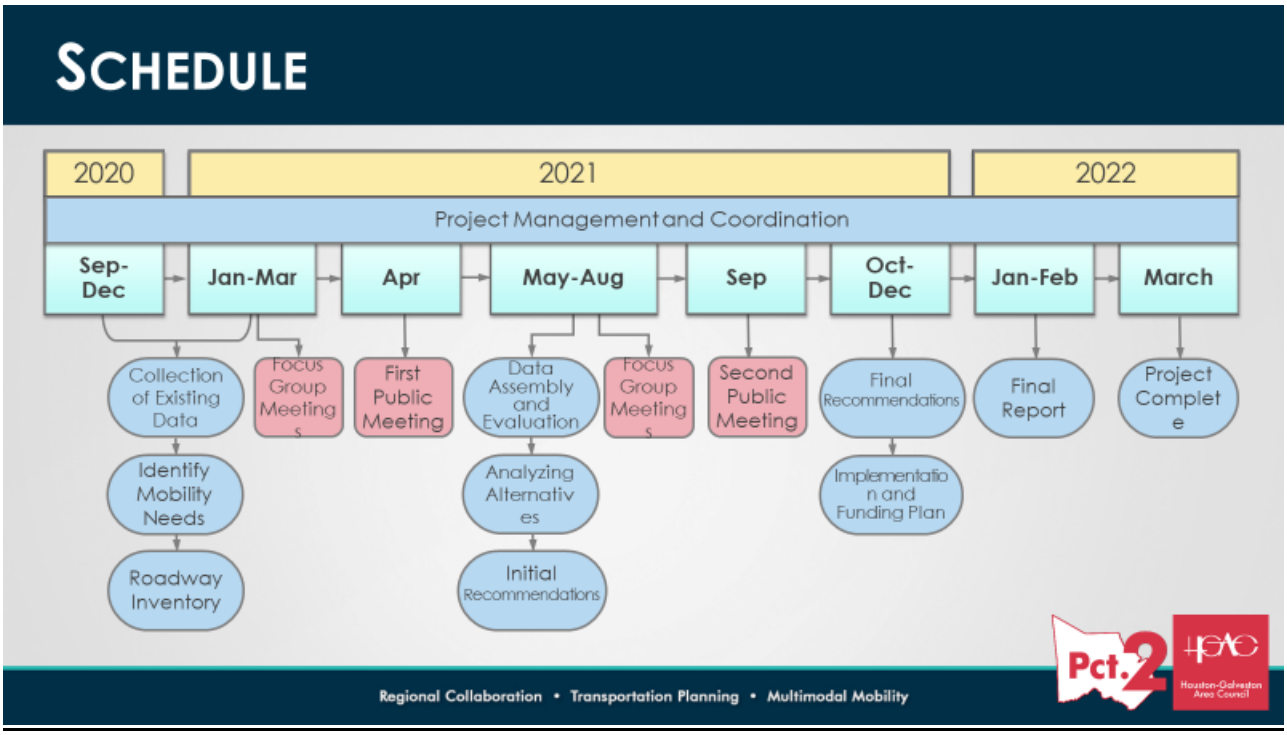
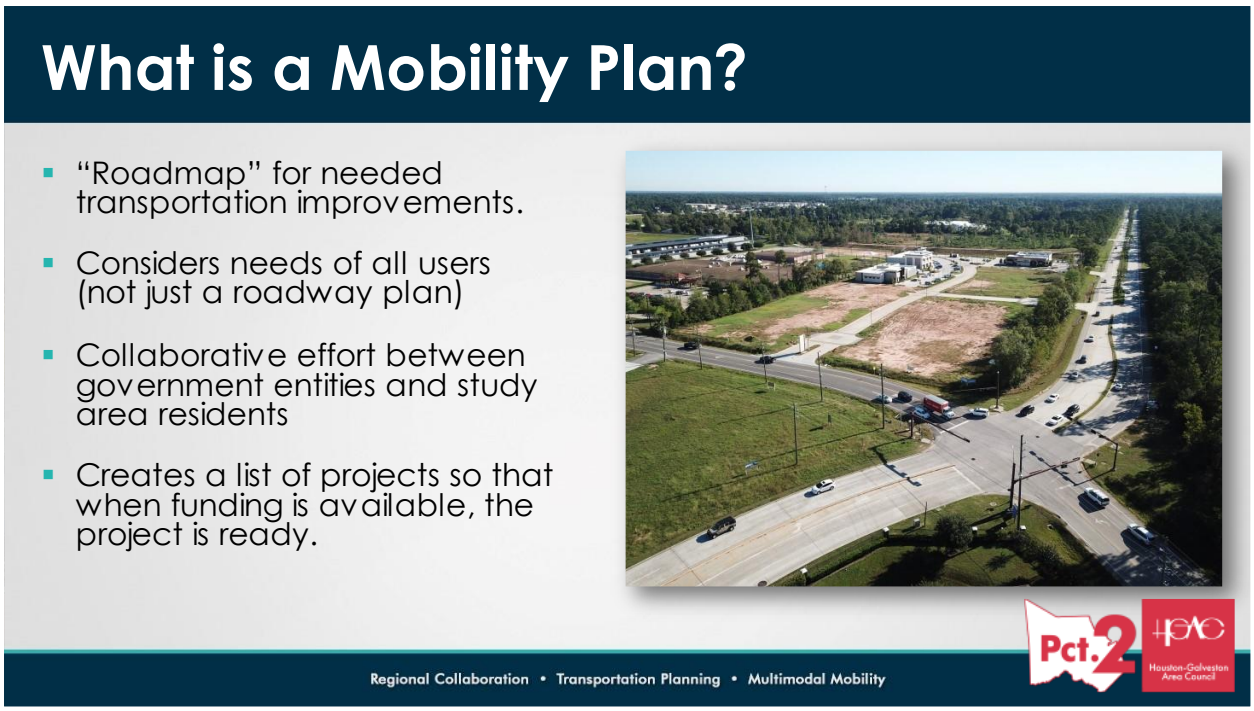
Pct.2
Houston-Galveston Area Council



Input from stakeholders is needed to help identify existing and future county mobility needs in order to improve connectivity and support regional development. A consensus will be developed for transportation recommendations that can be implemented in the short-, medium-, and long-term. A list of projects will be developed that will be addressed as funding becomes available. Finally, recommendations will be made for updates to the Thoroughfare Plans of Montgomery County as well as the surrounding area to facilitate growth in the region.



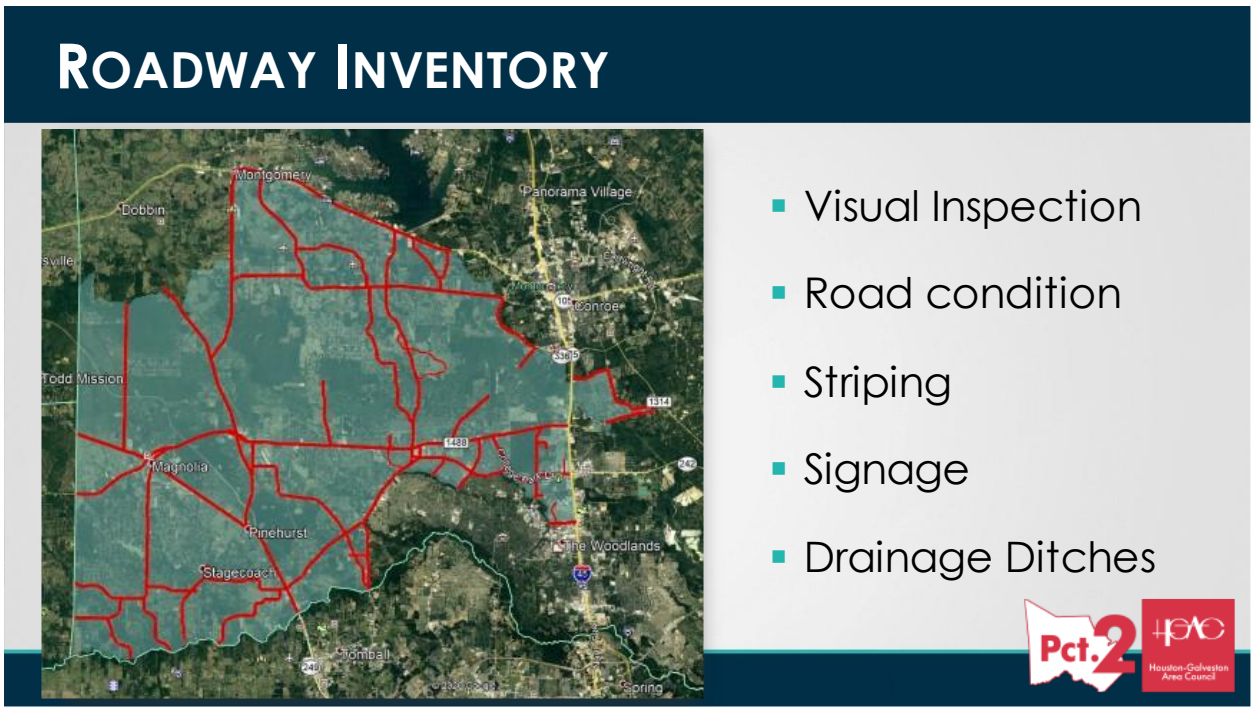
The Mobility Study began in September 2020. Currently in the process of collecting data, identifying mobility needs and conducting a roadway inventory.



The Mobility Plan is a multi-modal plan to connect the community that includes hike-and-bike trails, pedestrian amenities and transit. The study consists of both the Mobility Plan and the Roadway Inventory.



Approximately 8 new neighborhoods are anticipated to open in the area this year. Growth in the area is expected to continue to increase exponentially.



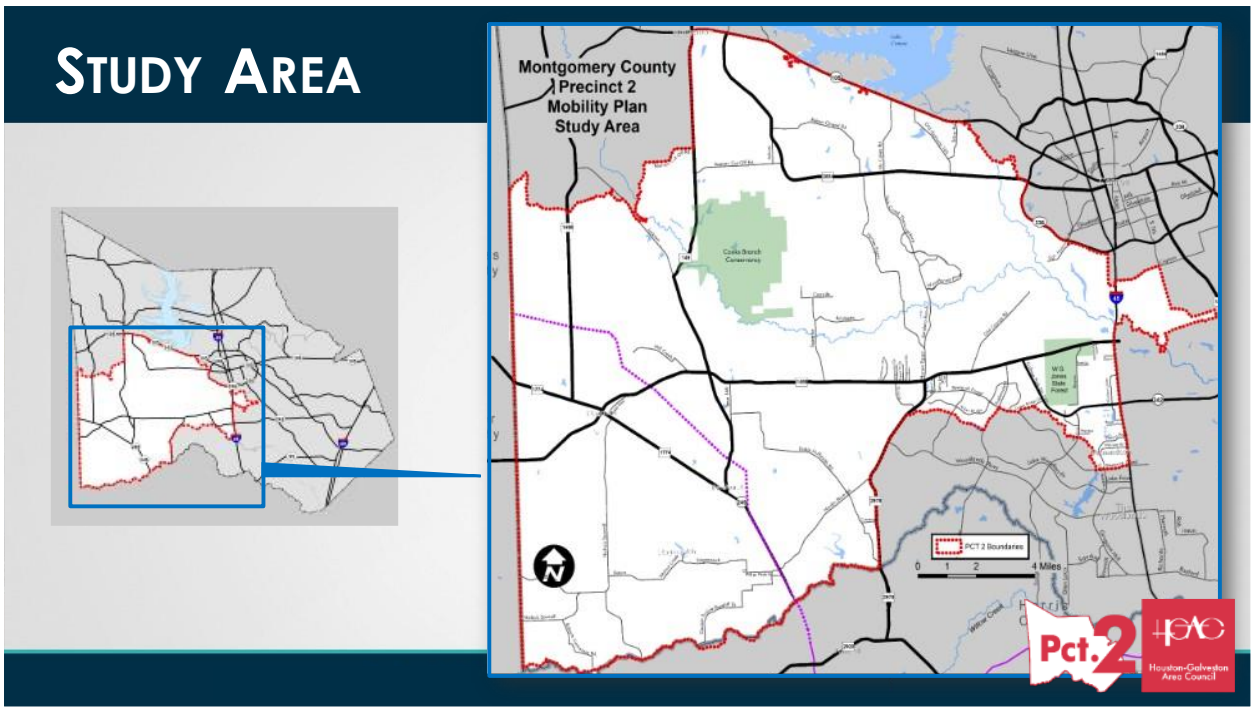
The second part of the study is to perform a roadway inventory of the major roads in the precinct to assess condition of current infrastructure.



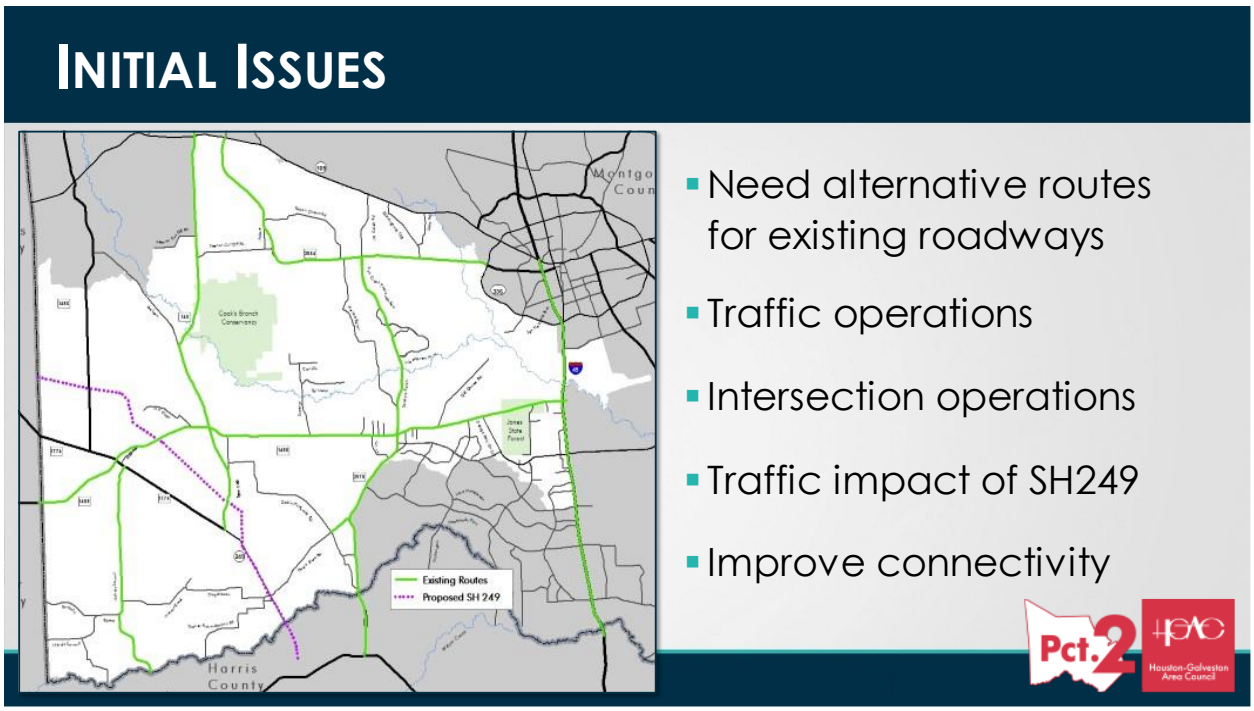
This data collection and analysis is necessary to realize the Vision of the Mobility Study.



A series of Goals have been identified to support the Vision of the Mobility Study.



Montgomery County Precinct 2 is the focal point of this study.



Some of the existing roadways are already operating at capacity and there is a lack of connectivity between areas of existing and future developments. The study will assess traffic and intersection operations, as well as the impact SH 249 will have upon completion.


Existing Conditions
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Pct.2
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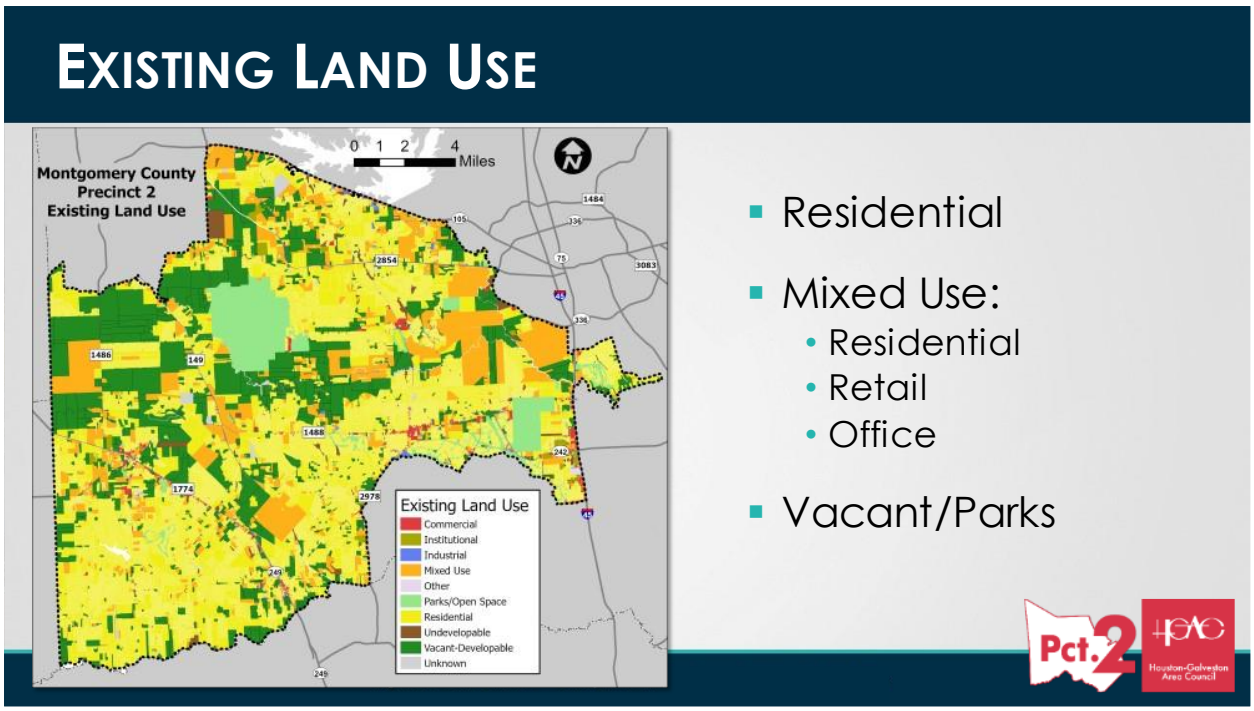
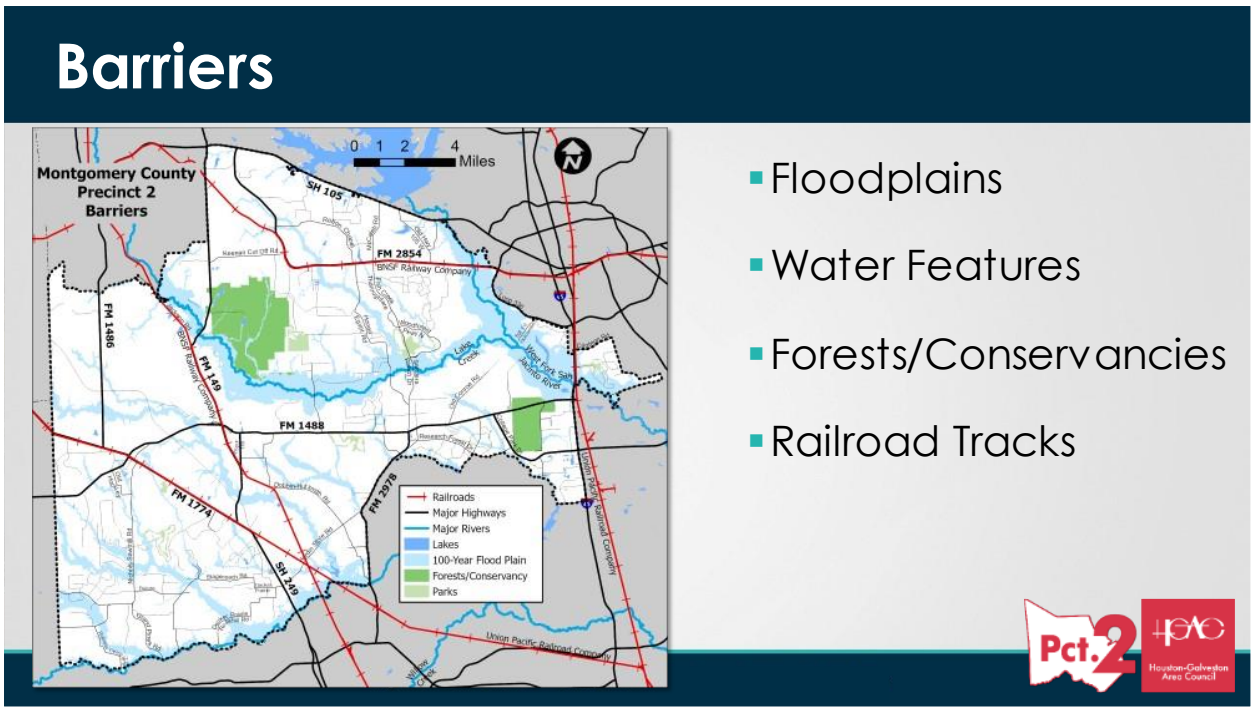
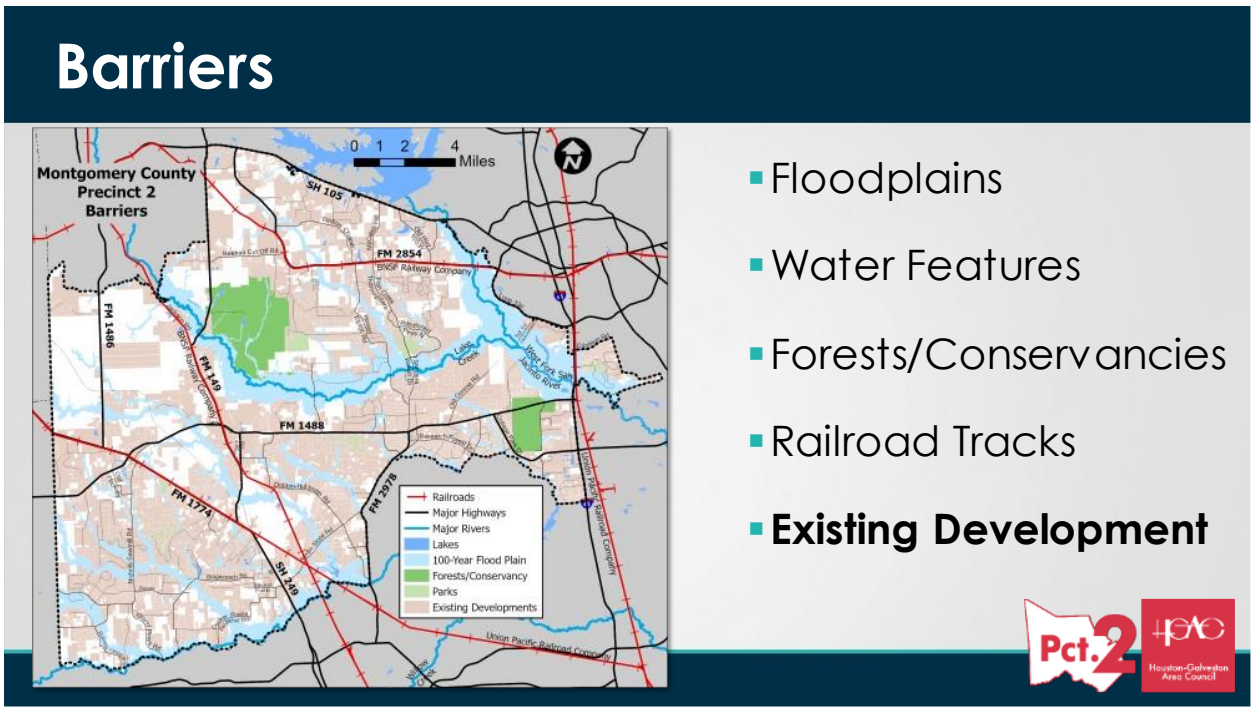


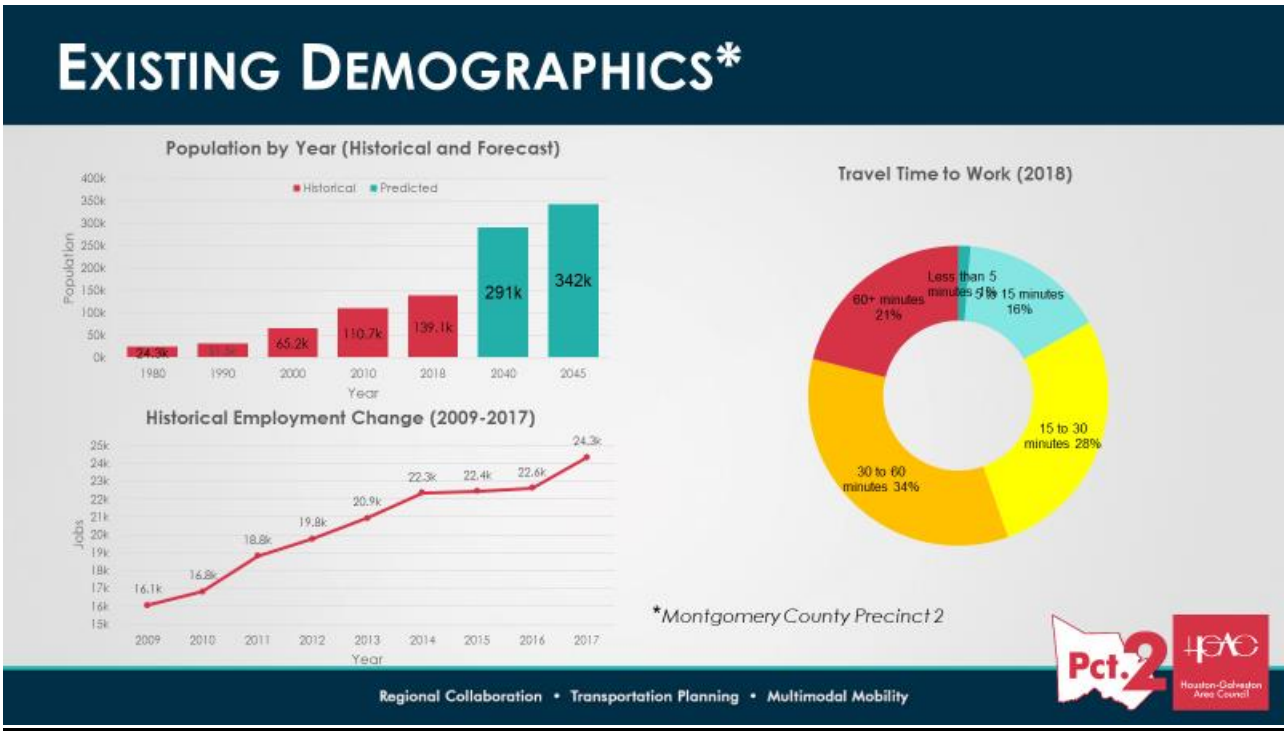
Much of the land use of Precinct 2 is residential. There are also several vacant/undeveloped areas that will likely be developed in the future.



There are several features in Precinct 2 that make it difficult or limit the ability to connect or expand roadways.



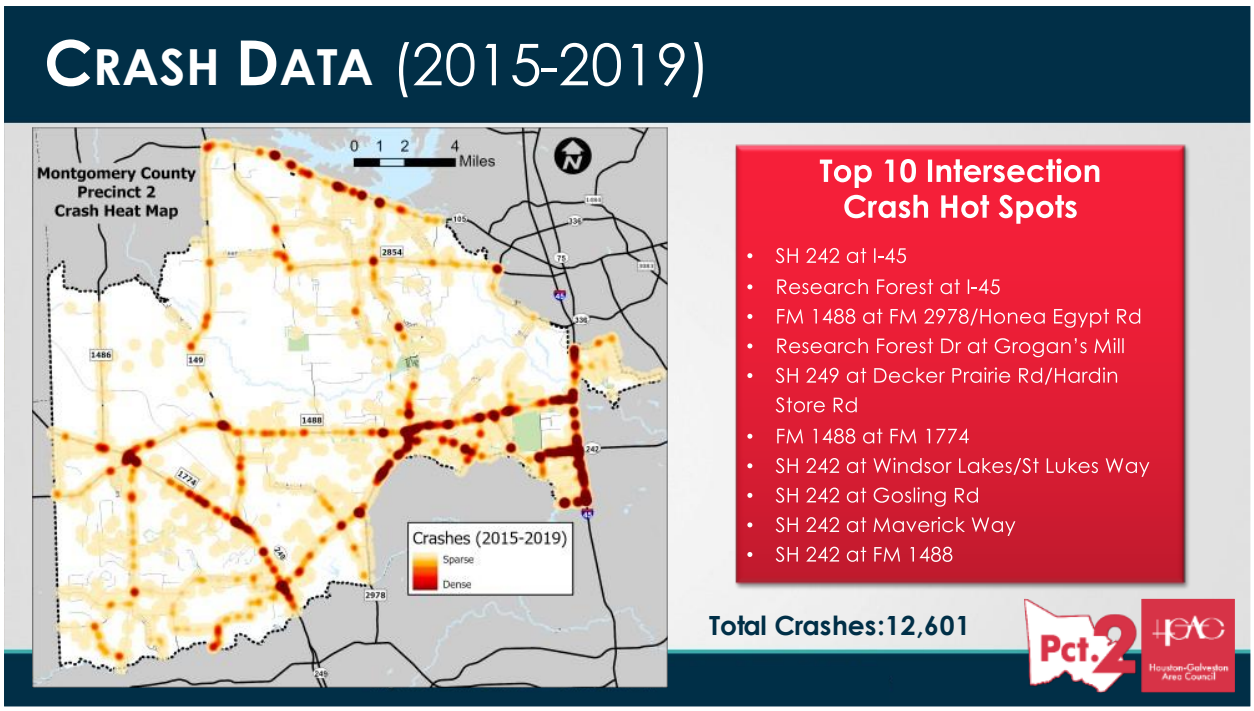
Existing development (residential and commercial) is a major barrier to adding new roadways and extensions to improve mobility.



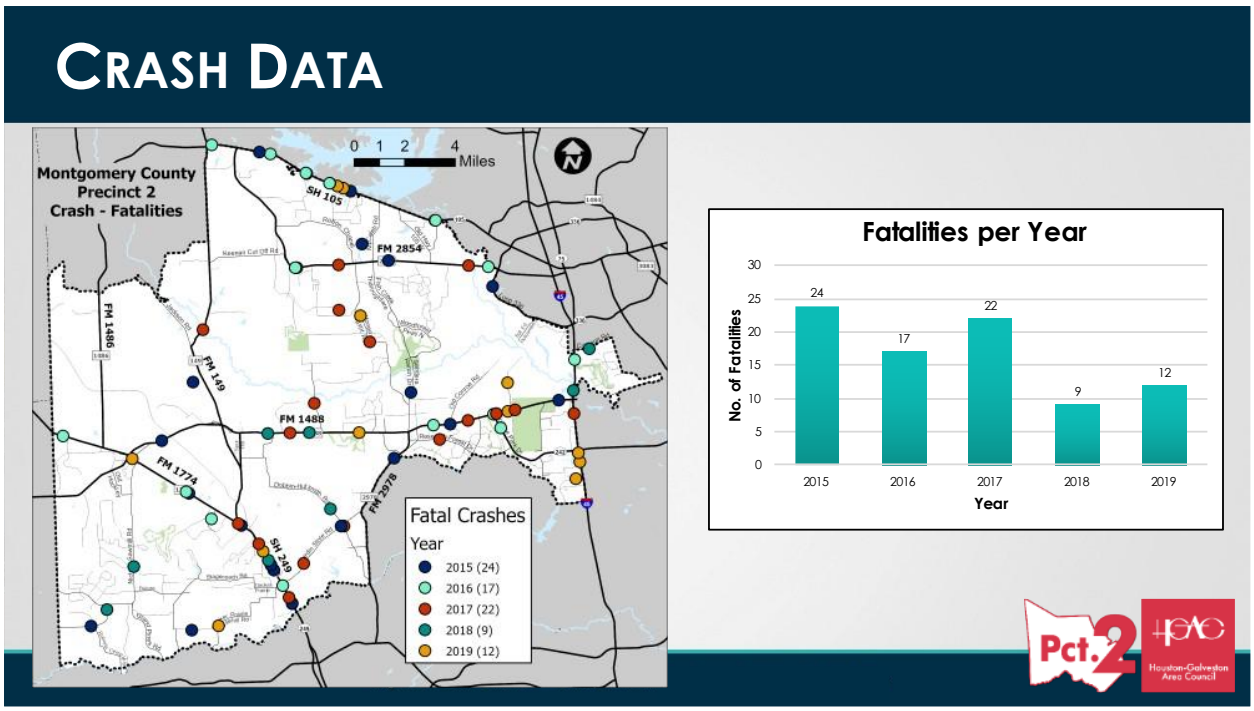
According to 2018 data for Precinct 2, 97% of households own at least one car and 83% drive alone to work.



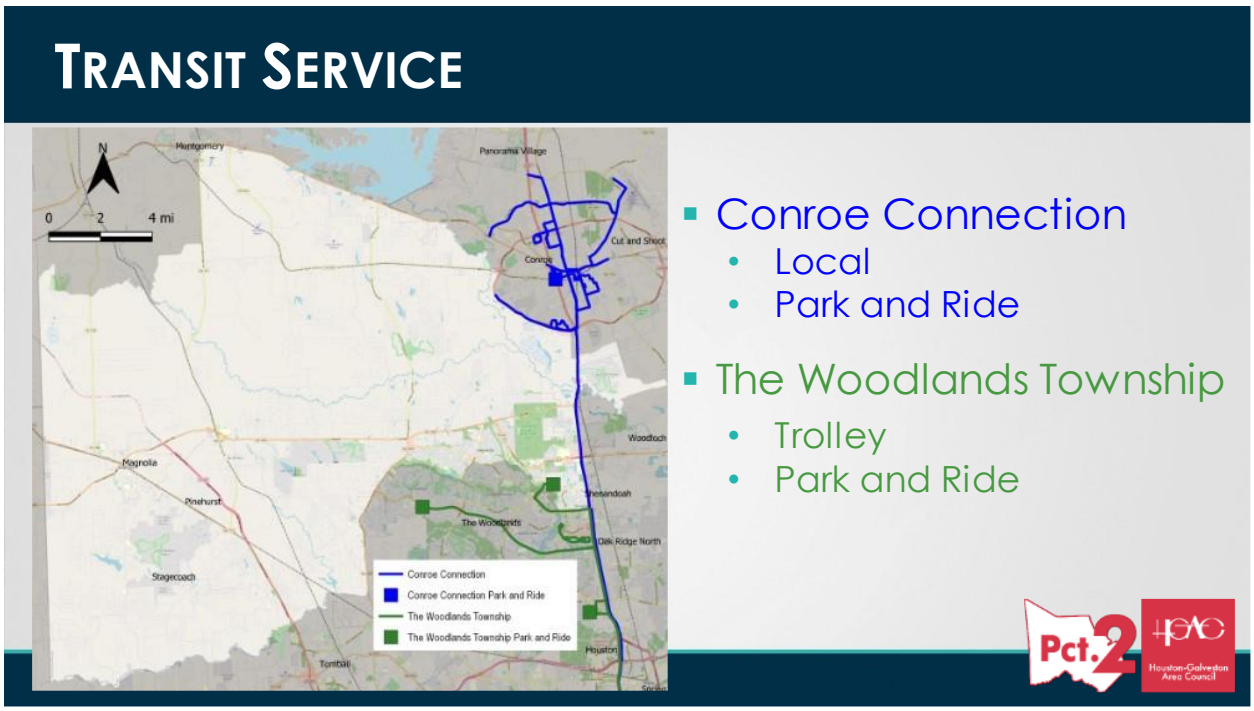
New and future developments will put greater strain on the roadways, hike-and-bike trails, and transit in the area. Many residential developments are occurring on the west side of the Precinct in the vicinity of 149 and 249. Some commercial developments are planned in the area of 149 and 1488.



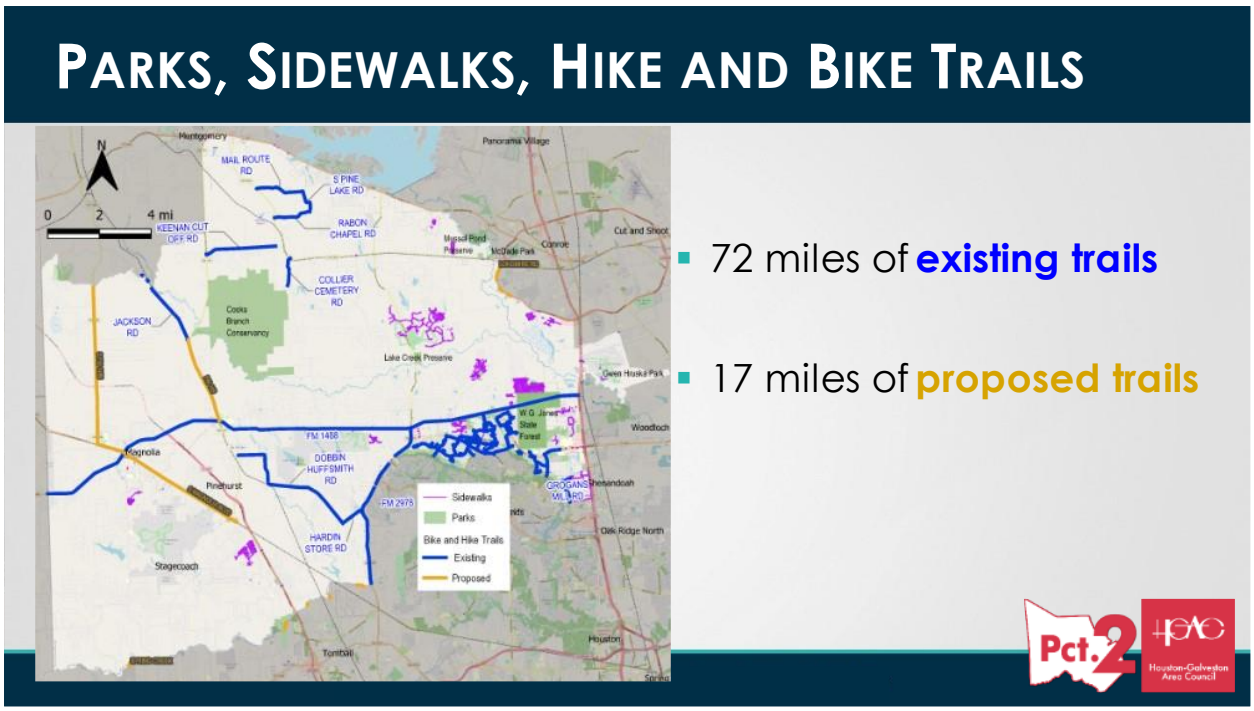
There are several areas with high incidence of crashes. Improving safety is a critical part of this mobility study. On a positive note, of the crashes in Precinct 2 from 2015-2019, almost 70% had no injuries and less than 1% involved a fatality.



Some of these fatalities were the result of vehicle-pedestrian or vehicle-cyclist crashes. The high number of crash fatalities in 2015 may have been related to construction on SH 249.

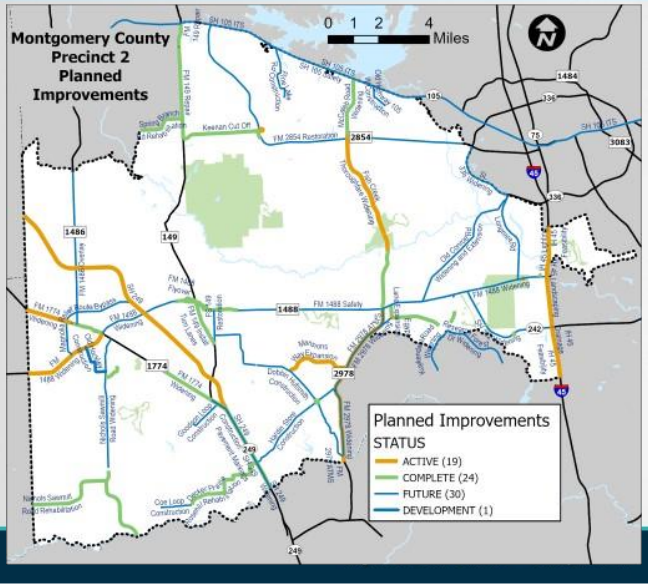


Many residents in Precinct 2 use Park and Ride to get to their workplace in Houston. There is currently no fixed-route service in Precinct 2. Demand & Response is a shared ride curb-to-curb service provided by the Brazos Transit District.



The Mobility Plan will seek to provide more connectivity between greenspaces, trails and sidewalks.

PLANNED MOBILITY IMPROVEMENTS

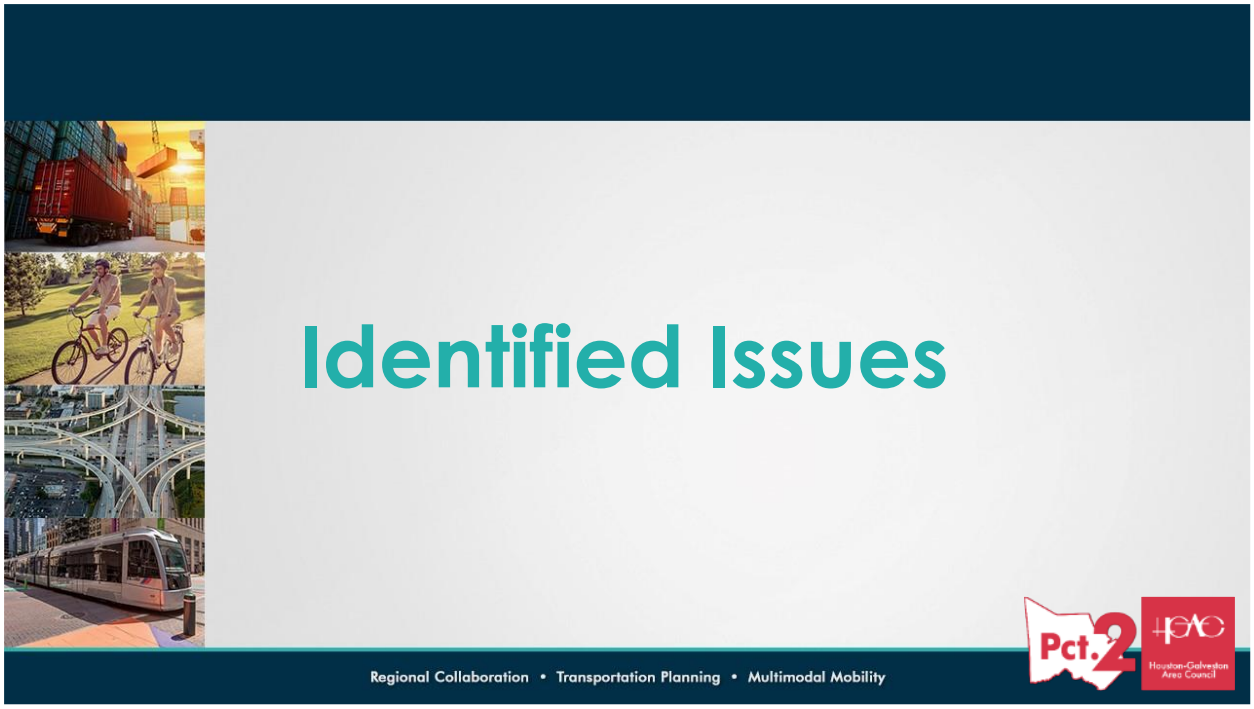


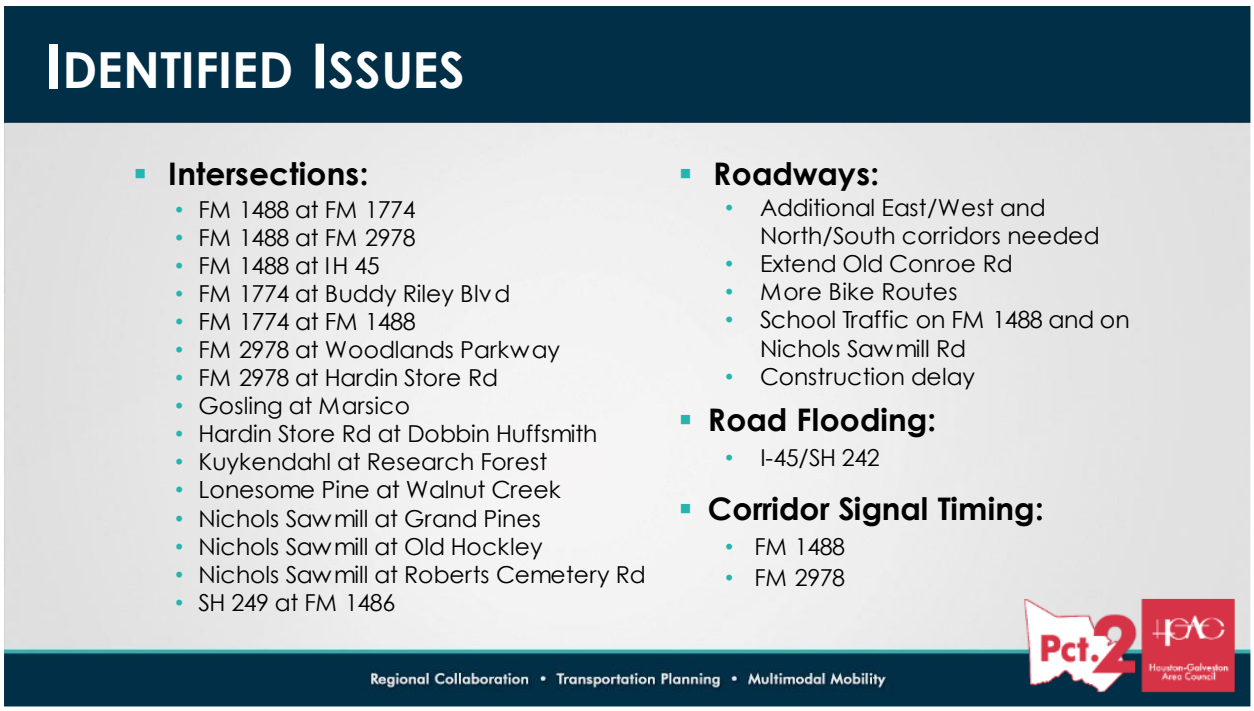
- **Completed:**
  - Widening/Rehab of FM 1488, FM 1774, Nichols Sawmill, McCaleb, Sendera Ranch
  - New Road – Grand Pines Blvd
  - FM 1774 RR Flyover
  - FM 1488 at FM 149 Flyover
- **Active Construction:**
  - SH 249
  - Fish Creek Thoroughfare
  - Mansions Way
  - FM 2978
- **Future Projects:**
  - Magnolia Relief Route
  - Old Conroe Extension
  - Several Widening and Overlay projects
  - FM 1488 Access Management Treatments

Pct. 2

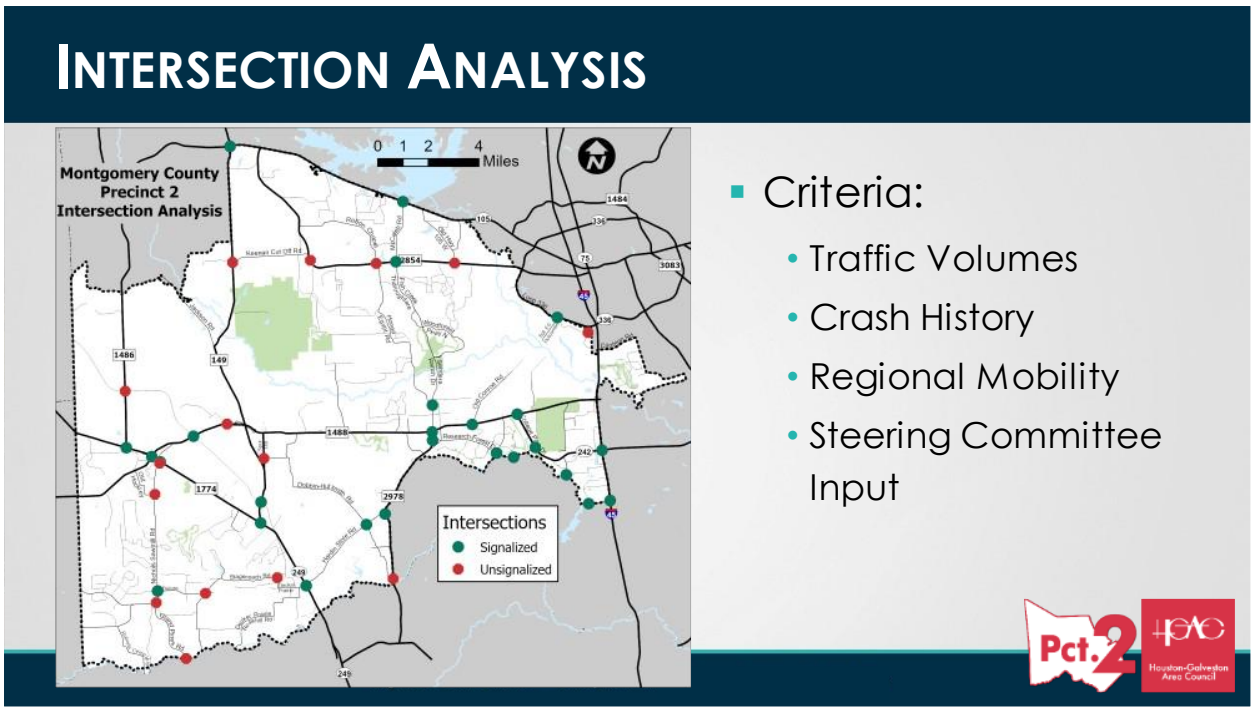
H-GAC Houston-Galveston Area Council

This is not a comprehensive list of improvements. The Mobility Study will determine if these projects are meeting the needs of the area and identify any other issues that need to be addressed.

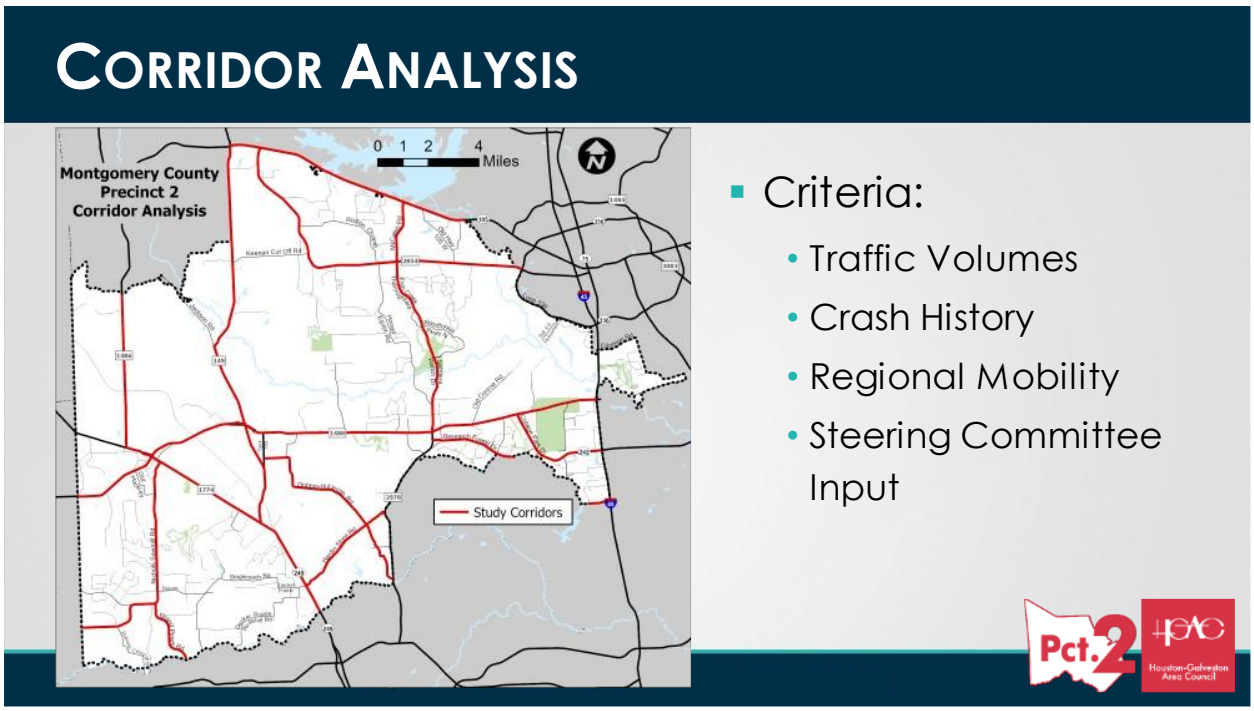

Identified Issues
Regional Collaboration • Transportation Planning • Multimodal Mobility
Pct.2
Houston-Galveston Area Council



A number of existing issues have been identified. An intersection analysis will be conducted to assess issues and potential solutions. Known problems with roadways, road flooding and corridor signal timing will also be evaluated.



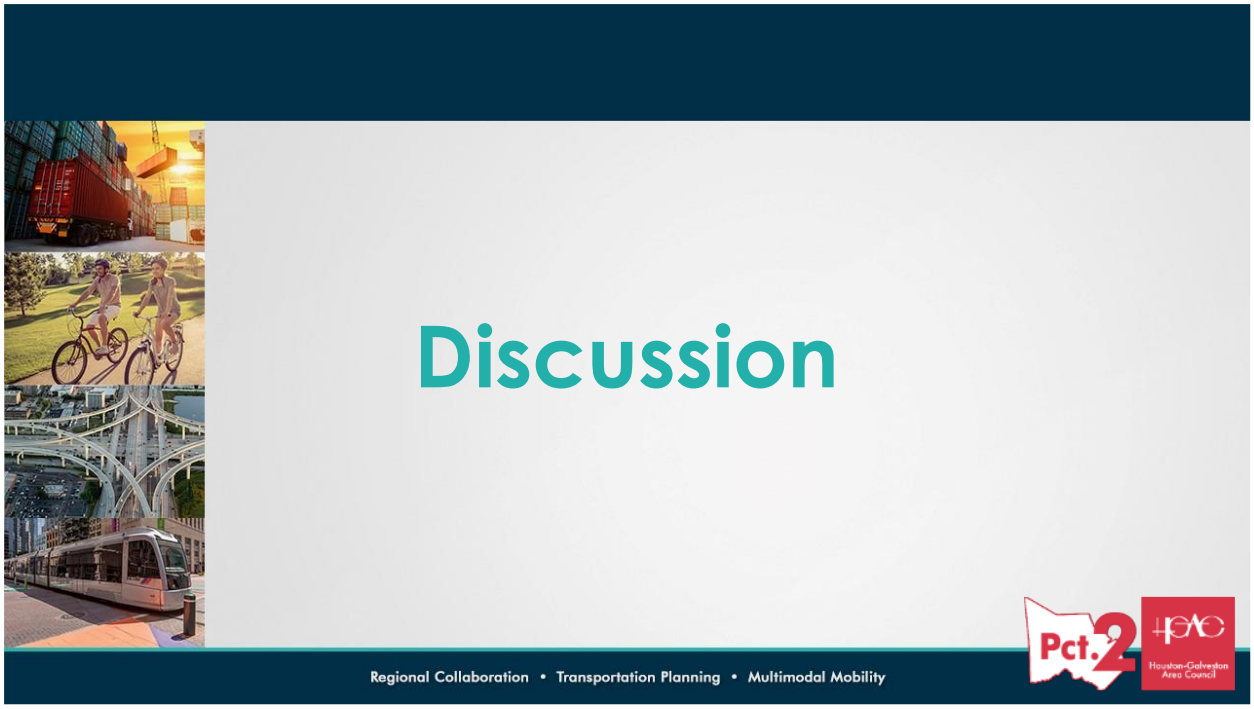
Signalized as well as unsignalized intersections will be analyzed.



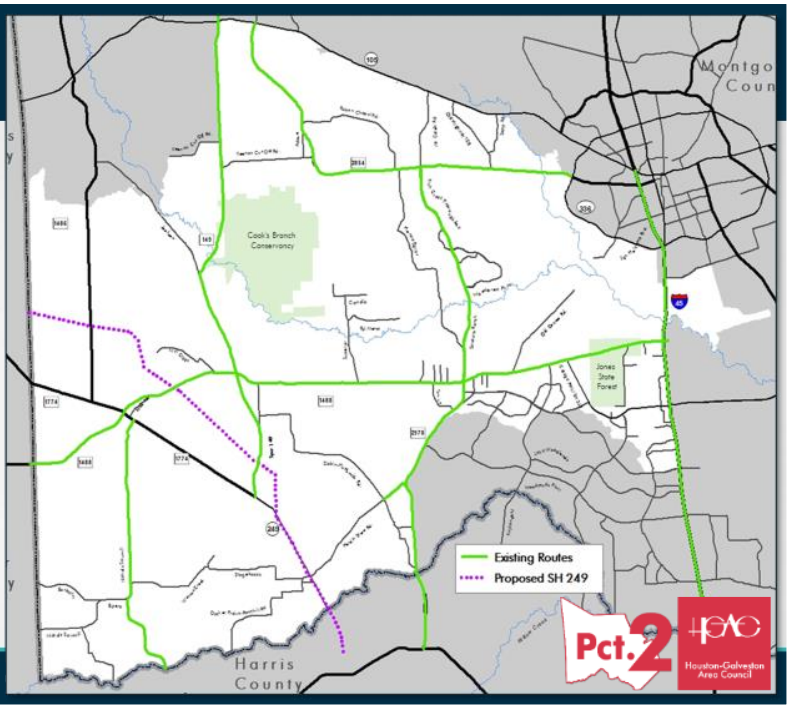
A corridor analysis will be conducted to evaluate issues identified by the steering committee and stakeholders.



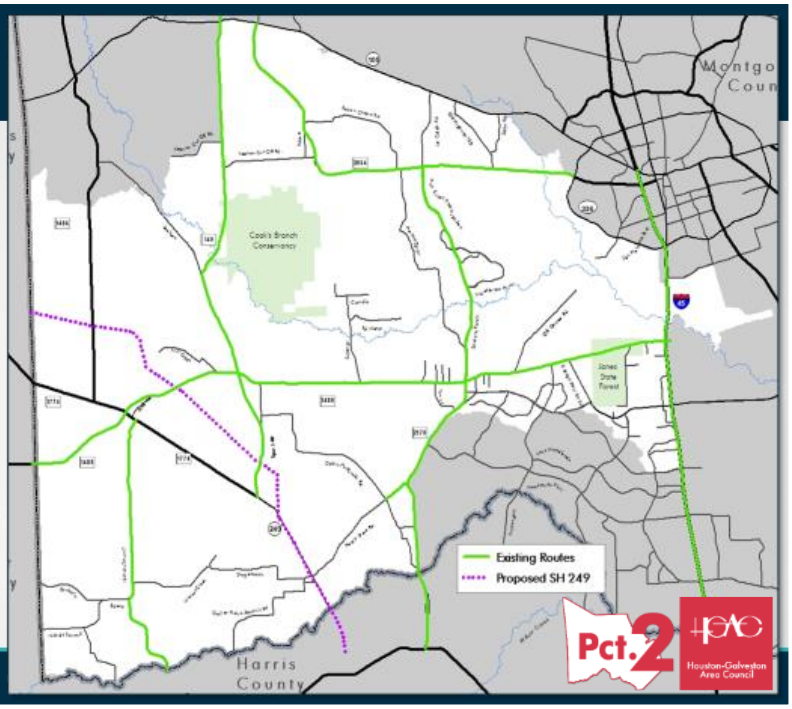
Precinct 2 contained approximately 354 miles of roadways in 2020, with approximately 11% operating at or above capacity. It is projected that by 2045 there will be 466 miles of roadways, with 46% operating at or above capacity.


Discussion
Regional Collaboration • Transportation Planning • Multimodal Mobility
Pct.2
Houston-Galveston Area Council

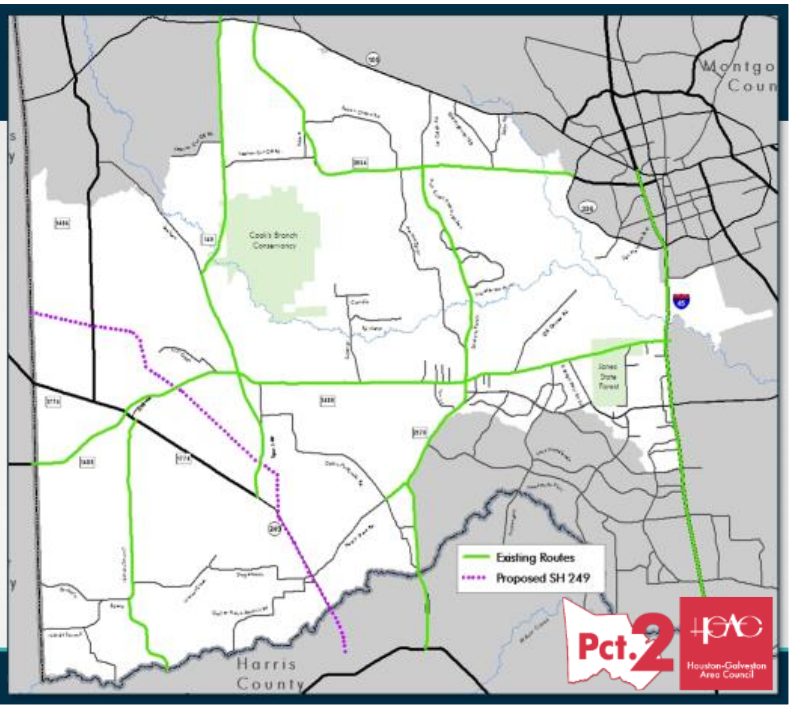
1. What mobility issues directly affect you, your business or organization?



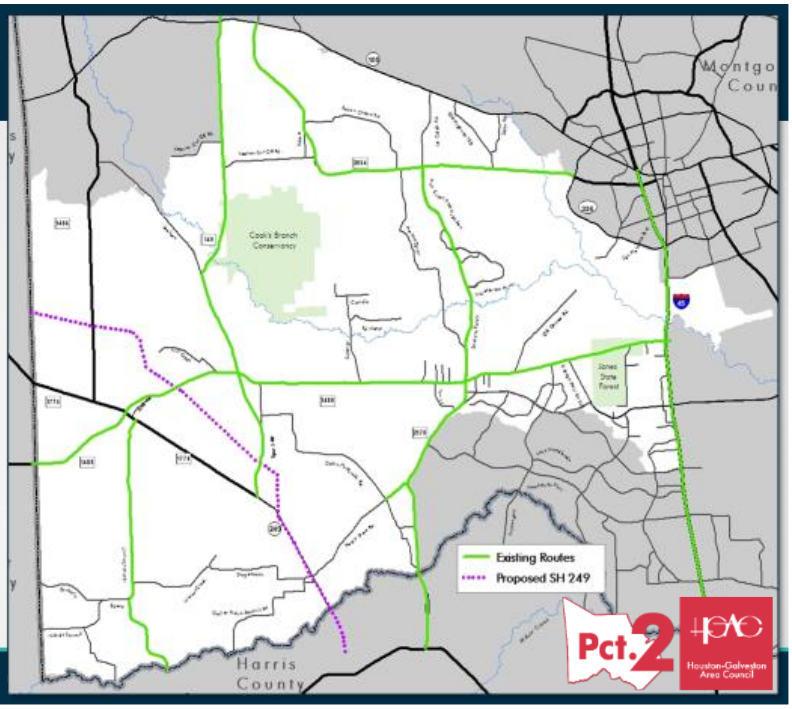
2. Where does Pct. 2 need additional roads/alternative routes and/or new roadway connections to mitigate previous issues?

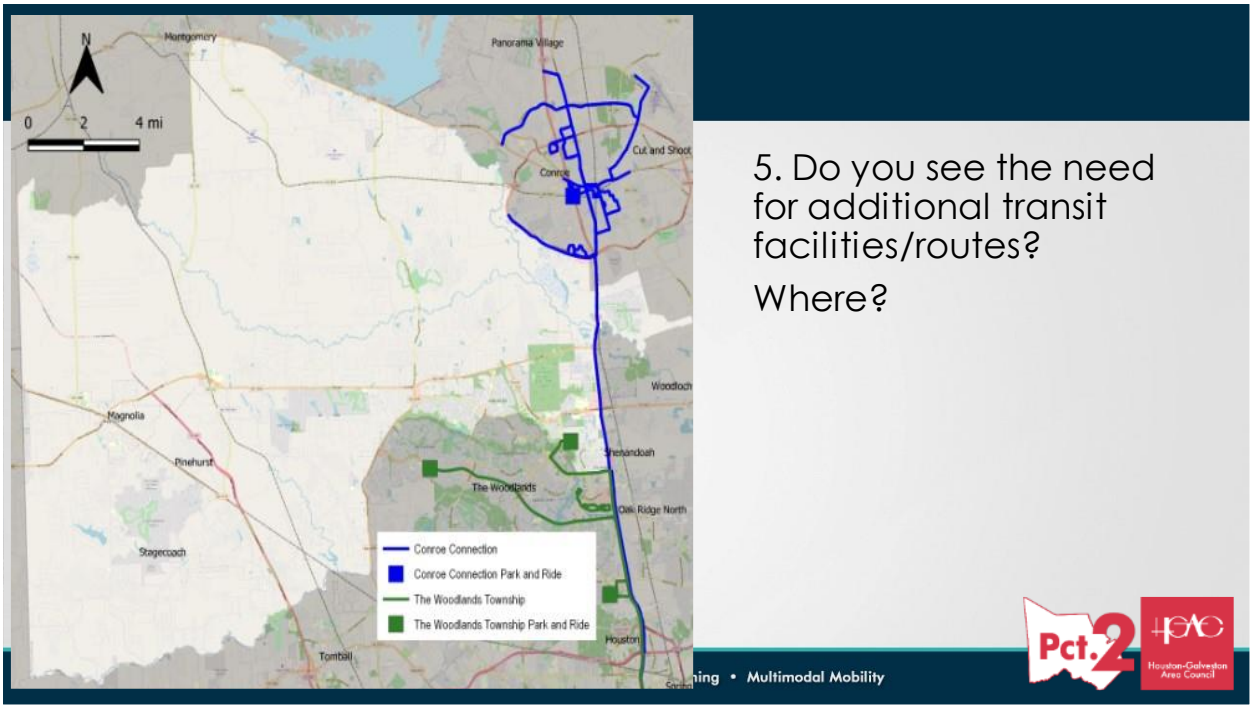


3. Where do you see pedestrians/cyclists regularly (not on sidewalk/bike path)?



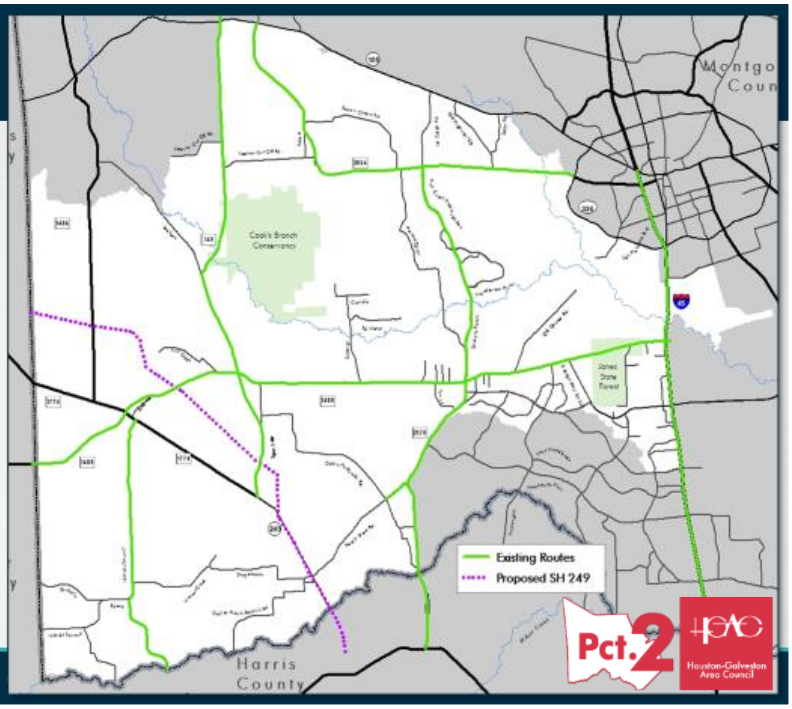
4. What intersection do you wait more than one traffic signal cycle?



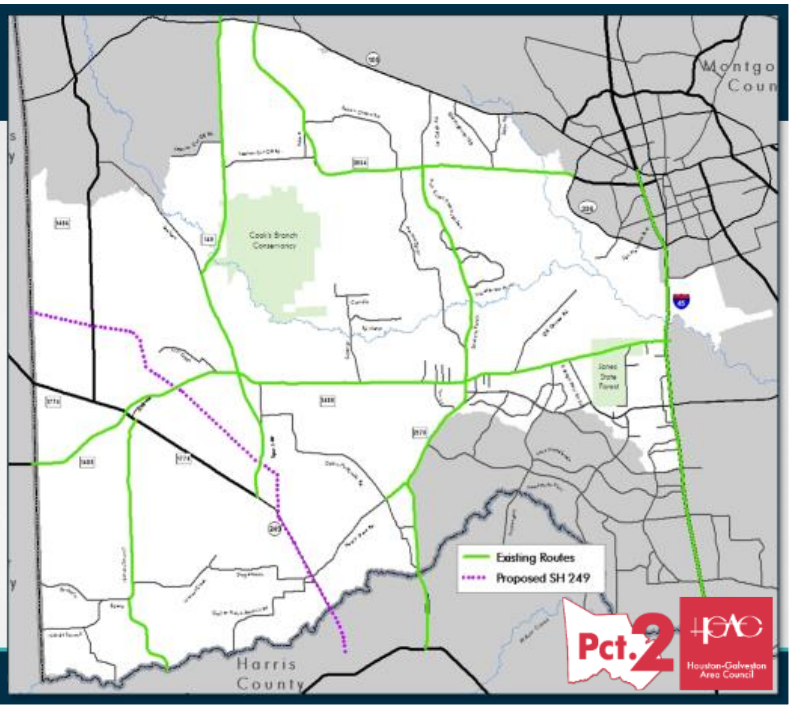

N
Montgomery
Panorama Village
0
2
4 mi
Cut and Shoot
Conroe
Woodloch
Magnolia
Shenandoah
Pinehurst
The Woodlands
Oak Ridge North
Stagecoach
Conroe Connection
Conroe Connection Park and Ride
The Woodlands Township
The Woodlands Township Park and Ride
Houston
Tomball
• Multimodal Mobility
5. Do you see the need for additional transit facilities/routes?
Where?
Pct. 2
Houston-Galveston Area Council

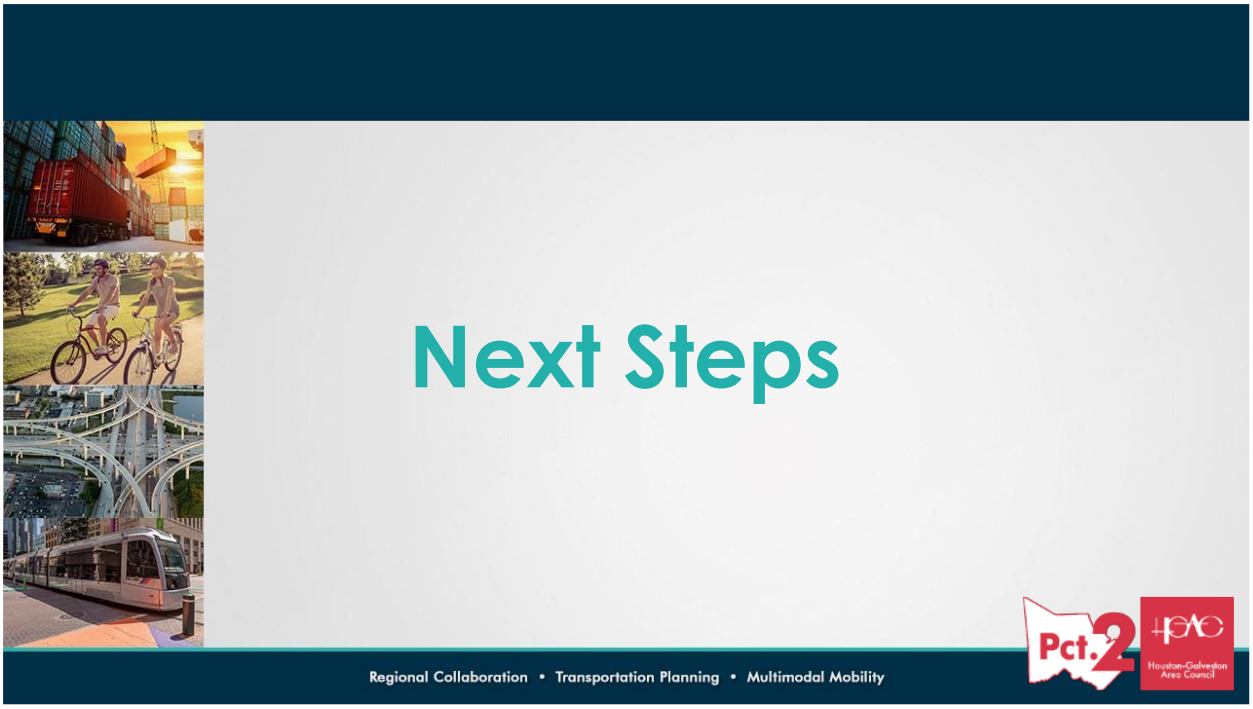

6. Do most of your employees/co-workers live locally or commute?
Montgomery
Liberty
Waller
Harris
Chambers
Fort Bend
Galveston
Brazoria
Regional Collaboration • Transportation Planning • Multimodal Mobility
Pct.2
Houston-Galveston Area Council

7. What is your main "headache" when it comes to mobility in Pct. 2?



8. What is your solution to future traffic/mobility issues?




Next Steps
Regional Collaboration • Transportation Planning • Multimodal Mobility
Pct.2
Houston-Galveston Area Council

NEXT STEPS



- New Public Outreach Tool – Feb/March
- Public Meeting – April
- Focus Group Meeting – August

Regional Collaboration • Transportation Planning • Multimodal Mobility

THANK YOU



- **Carlene Mullins**
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- **Justin Kuzila**
  Justin.Kuzila@h-gac.com
- **Project Website**
  h-gac.com/go/MP2

Regional Collaboration • Transportation Planning • Multimodal Mobility

Attachment C

Table 1. Questions/Responses

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting I

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
COMMENTS SUBMITTED AT FOCUS GROUP VIRTUAL MEETING I					
Question 1. What mobility issues directly affect you, your business or organization?					
February 3, 2021					
1	Briggs, Marlisa	02/03/2021	Focus Group Virtual Meeting	For NHA, we focus on just regional mobility, so for us it's those major thoroughfares that you're talking about. We're just starting to kind of get involved with the vision zero in terms of safety so that's becoming an increasingly important issue for us too.	
2	Unknown	02/03/2021	Focus Group Virtual Meeting	I'd just say for the city of Shenandoah…I know that we've already received some help. We're working on getting some funding to improve the intersection there at 45 which is a huge congestion point. That's already underway...There is potential for a connection to be made, a very small and simple connection, which could help connect the pathways that go along Research Forest into the Woodlands area to Shenandoah's pathway. Our pathways go right up to the intersection of Bourbon's Mill and Research Forest but they don't connect across the roadway so that would be a pretty simple connection to connect several miles of pathways to each other.	
3	Ross, Tana	02/03/2021	Focus Group Virtual Meeting	I can tell you that there has been lots of talk since our comprehensive plan was adopted in 2013 about pedestrian and bike routes…What I've seen y'all have identified everything that affects the City of Magnolia which, as Precinct 2, will double in size in the next few years. But yes, for quality of life, pedestrian and bike trails are needed.	
4	Doering, Don	02/03/2021	Focus Group Virtual Meeting	Basically, any time after 3 o'clock, it's really hard to get from one part of town to the other, mostly on 1488.	
5	McCorquodale, Dave	02/03/2021	Focus Group Virtual Meeting	I'm with the city of Montgomery…we lie in the far northwest corner of the precinct and kind of one of our shifts in in the way that we're thinking these days about the growth and development that were seeing is the potential for it to be coming from the south through precinct 2 and kind of to our southwest of our city which I know is kind of out of this study area but both 149 and 2854 both play key roles in the overall mobility...2854 is in Conroe's jurisdiction so there's a lot of development that we don't necessarily know about or have any real understanding of what's coming but we certainly we see and really truly we benefit from the residents of those areas because they're coming to the city here so even though they're not kind of on our books if you will in terms of population we certainly see and feel the impacts of them being in town.	
6	McCorquodale, Dave	02/03/2021	Focus Group Virtual Meeting	I'm sure that everyone in the county saw the Arrows Up fracking sand trucks for years and years it's really not that bad on a day in day out basis. I don't interface much or don't know the level to which some of the wide loads with 105 being at designated height or wide-load route. We do see that kind of traffic occasionally with some slow-downs, but kind of back east of us on 105 I know TxDOT is looking at access management ideas and studies and certainly the city here is willing to participate on our small area of it.	
7	Gerhardt, Carl	02/03/2021	Focus Group Virtual Meeting	Several meetings back I mentioned that lake Creek Greenways wasn't on the map. I notice it still isn't.	GPS files have not yet been received.

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting I

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
February 4, 2021					
8	Parisi, James	02/04/2021	Focus Group Virtual Meeting	CHI St. Luke's here in Woodlands at 242 and I-45…the traffic north and southbound on the access roads at the intersection are very difficult to navigate to get our patients and our emergency vehicles into the facilities. It's particularly bad on the southbound access road of 45. We did agree to close one of our entrances to try to facilitate the traffic flow there, but it's actually only made it worse for emergency vehicles to access our campus and so it's been very difficult. The emergency workers often miss our driveway and have to make a loop all the way back around to come back to the hospital…It really truly is an access issue for us and so I guess I hope that someday that 242 overpass will actually connect both directions to pull some of the volume off that intersection.	A project is being planned to complete the flyover that will connect 45 eastbound to 242. There are plans to add turn lanes and potentially more capacity to the feeder streets.
9	Roth, Kyle	02/04/2021	Focus Group Virtual Meeting	One of our big issues is the sheer volume on the feeder road on 242 along I-45. Obviously, there's a flooding issue that's been identified. The sheer speed of travel through that area is concerning for entrance and exit to our facility as well as emergency vehicles having to deal with that as well.	A project is being planned to complete the flyover that will connect 45 eastbound to 242. There are plans to add turn lanes and potentially more capacity to the feeder streets.
10	Griffith, Rusty	02/04/2021	Focus Group Virtual Meeting	Magnolia Fire Department…some of the connectivity that's really starting to impact our response times, of course, some of the construction things. 249 being open, that's helped a little bit. The ongoing 2978, that's definitely impacted us. That Hardin Store, the east to west stuff, say between 249 and 2978, then even getting further west towards Nichols Sawmill is some of our bigger problems…The connectivity between 249 and 2978. Hardin Store is all we have and it's a pretty congested roadway. And then getting from 249/1774 to that Nichols Sawmill/Buterra, that area down there that southwest corner is a very difficult task, especially for our types of vehicles.	There are plans to improve intersection of Hardin Store and 249 and to add accessibility from 2978 to 249.
11	Leakey, Steve	02/04/2021	Focus Group Virtual Meeting	The years of construction on 2978 has had a perpetual impact on all the businesses in terms of their ability, ability of their customers and clients to get in and out of the facilities, driveway entrances, etc.	
12	Gooding, C.T.	02/04/2021	Focus Group Virtual Meeting	Representing bicycle riders in the Woodlands area, one of the most immediate impacts that affects those trying to ride on shoulders in the area, Research Forest to 242, Aldin Bridge, Kuykendahl area is jutting curbs. This is where the curb comes out into the shoulder, especially at intersections, and this forces the cyclist to have to go into the lane of traffic instead of staying on the shoulder and creates a safety issue for the motorist and the cyclist. There have been other studies that involve the Woodlands area when it comes to pedestrians and bicycle riders. One is the Woodlands Pedestrian/Bicycle Master Plan, which includes recommendations in this area. As well as TxDOT's 1488 Access Management Study, which includes recommendations along 1488. I would hope that we can align with recommendations that come out of those plans and studies. I hope that we look at the potential utility easements or drainageways, pipeline areas as potential pathways that could be developed to provide a multi-modal type of transportation or connection points for people off road.	
13	Evans, Justin	02/04/2021	Focus Group Virtual Meeting	I'd like to echo what the gentlemen from the two hospitals said about us being able to get to their facilities. That's definitely a challenge. And some of what Chief Griffith said about Magnolia. Is pre-emption being considered in your plan? We're using now GPS pre-emption for intersections, City of Conroe into the Woodlands area, and it's a much better technology that doesn't really congest the intersections like the old infrared technology to where it's based on direction and speed and it quickly cycles the intersection and lets us get through it. Want to make sure that that's included in it if that may be a solution in some of the areas.	GPS pre-exemption will be considered.

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting I

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
14	Griffith, Rusty	02/04/2021	Focus Group Virtual Meeting	There's a set of curves on FM 149 just north of Lake Creek west of Cook's Branch Conservatory. There's a set of S curves there that as soon as the pavement gets damp you start having accidents. The majority of accidents are not serious, but we've had some very serious, fatal accidents there too. I can see 149 at Keenan cutoff in the future, just the way the hills are there, we could end up having some more stuff at that intersection. On the 2854 side they're in the process of constructing an overpass so I think that's going to help. 2854 for the most part's actually pretty good.	There are plans to connect Keenan Cutoff west of FM 149 to SH 249. There are plans to connect FM 149 at Jackson Road to SH 249. There are plans to remove the S curves from FM 149.
February 5, 2021					
15	Dives, Joe	02/05/2021	Focus Group Virtual Meeting	It looks like the intersections that are being looked at like 2978, 1488, just that major congestion, that is obviously a hindrance to the school buses getting in and out…Because we don't have a lot of east/west options those big intersections hinder the school buses getting to where they need to go on time. But you've hit a lot of those like right in town in Magnolia 1488, 1774, Nichols Sawmill, widening that is certainly going to help…The presentation touched a lot of our hot spots. The railroad tracks when going east/west, like on 1488 or Buddy Riley Road, anytime a train goes by, which is 4, 5, 6 times a day, always during bus times, you have the backup of the traffic.	
16	Klapesky, Paula	02/05/2021	Focus Group Virtual Meeting	Kuykendahl is not completed both ways, so our biggest issue I think is the amount of traffic that gets backlogged on Kuykendahl…And, of course, 1488 is continuing to be an issue.	A project is in progress to widen Kuykendahl south of Research Forest to four lanes.
17	Unknown	02/05/2021	Focus Group Virtual Meeting	We've got schools up in Wood Forest that feed the Conroe High School, so we've got issues getting kids north. So, we've got issues all around. The north/south thing concerns me more than anything else. We get traffic congestion on 45.	
18	Ambler, Julie	02/05/2021	Focus Group Virtual Meeting	I live off Old Conroe and it's a two-lane road with deep ditches on both sides and, as was mentioned, there's lots of new development out there. In the event we have a fire or flooding we have one way out via 1488 and that's it. So, I do appreciate the need for the bridge across the river there. I also think it would be important to widen the road…We also get a lot of bikers along there, which is dangerous. I know there's a bike lane along 1488, but it's narrow, it's right next to 1488 and people ride their bikes in big groups…Going west on 1488 there's a little hill between 242 and Old Conroe and you can't do anything about the sun, but there's a certain time of day when the sun is so blinding going that direction that I have seen some weeks as many as two or three wrecks in a single week at the same time on that road.	
19	Ambler, Julie	02/05/2021	Focus Group Virtual Meeting	I hear there's an awful lot of traffic on 45 that's not coming to the Woodlands or Conroe. Are you all considering flyovers to move traffic from Houston beyond so that local traffic can get on and off 45 more easily, but people who are going to Dallas don't need to be in the same lanes?	There is an I-45 PEL study in progress.
20	Unknown	02/05/2021	Focus Group Virtual Meeting	I drive to that HEB at 1488 and Kuykendahl and that is a very congested road…Widening that stretch of Kuykendahl from Research Forest to 1488 will be very important for mobility there and for safety over there at Mitchell…Research Forest and Grogan's Mill, which I think is one of the most frequent areas for accidents.	

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
21	Hollie, J.J.	02/05/2021	Focus Group Virtual Meeting	I know Shenandoah's done a lot of work on Research Forest there at I-45. I think they've done as best they can with striping and rerouting traffic, but we all know that's a big problem to solve. The other issue was the 242/I-45 intersection because that does affect five hospitals, but it does affect a lot of our ambulance traffic and vehicle traffic…Going along I-45 and all the lights…if you hit the lights wrong it can add 30 minutes to your trip, so that's a big concern…As 1488 goes, it will probably mimic some of that 105 traffic handling, I think if we go to a series of lights on that road it will cause the same issue.	
Question 2. Where does Precinct 2 need additional roads/alternative routes and/or new roadway connections to mitigate previous issues?					
February 3, 2021					
22	Briggs, Marlisa	02/03/2021	Focus Group Virtual Meeting	All of the projects that are listed on our strategic mobility plan are listed in your future projects list so I was really happy to see that. I don't know, though, in terms of the future does that just mean out in the future one day far away or are there some specific are they funded you know where are we in that process when you call something a future project it's just a term that I'm trying to figure out what exactly does that mean in terms of parameters or time frame? Do those projects need more support/advocacy for those or are they pretty much not, I know nothing's a done deal until they start really doing construction, but do we sit back and breathe easy and look at the next step or do we keep pushing and advocating for these if they're listed already?	It takes at least 10 years to build a new road. The Magnolia Relief Route and Old Conroe Road projects have received funding.
23	Gerhardt, Carl	02/03/2021	Focus Group Virtual Meeting	My wish would be 2978 and Woodlands Parkway over to 249 I know that got killed a few years ago but that would be a big help to a lot of people in this area.	Construction on Dobbin-Huffsmith Road to 2978 should begin within the next 90 days.
24	Johnson, Susan	02/03/2021	Focus Group Virtual Meeting	I think anytime you have a road that T's into another road you've got a mobility issue and Woodlands Parkway dead-ends into 2978. I know that Commissioner Riley got so much pressure about that and its mind boggling to me that that was an issue for anyone outside of the area looking in. It just makes sense that you would extend Woodlands Pkwy…I know that there's ROW that was purchased for years to complete that road. That was the plan for many, many years. It would make so much sense to get it all the way to 249 and I don't know if that's something that people just don't even want to go back and try to look at that again.	Construction on Dobbin-Huffsmith Road to 2978 should begin within the next 90 days.
25	Unknown	02/03/2021	Focus Group Virtual Meeting	From an efficiency standpoint, as many railroad grade separations as possible.	
26	McCorquodale, Dave	02/03/2021	Focus Group Virtual Meeting	An extension of 149 kind of directly to 249.	A connector from 149 to the 249 Tollway is currently in the planning stages.
27	Berger, Bruce	02/03/2021	Focus Group Virtual Meeting	We also are planning from Keenan Cutoff…we are going to work to take that over also to 249.	
February 4, 2021					
28	Leakey, Steve	02/04/2021	Focus Group Virtual Meeting	We talked about Kuykendahl and Commissioner Nowak has announced that they are going to do the four-lane stretch now from Lake Woodlands all the way to Research Forest and there is a section in Precinct 2 from Research Forest to 1488 that is very much in need of extension to four lanes as well, so hopefully that can be worked into the plan in the near term.	
29	Windisch, Kendra	02/04/2021	Focus Group Virtual Meeting	Most of our issues are coming from the school zones on 242. We're not having trouble all day long getting employees or patients in to the MD Anderson location. Just during certain times of the day, like in the morning, our employees are having a hard time getting into the location because of the light at 242 and Fellowship is very short.	

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
30	Griffith, Rusty	02/04/2021	Focus Group Virtual Meeting	Getting to Nichols Sawmill from that 1774/249 area. Around 1486 to Jackson Road, there's a series of residential streets that dead end or are just big loops. Just the safety issue with having a road that long that dead ends is an issue. 2011 the historic wildfire, if that fire had been on the east side of the west side we would've had a very serious problem.	
31	Monticello Kievlan, Patricia	02/04/2021	Focus Group Virtual Meeting	Making more protected bike lanes and taking the curb cuts out of the way so it's really clear where cyclists are supposed to be and where cars are supposed to be.	
32	Gooding, C.T.	02/04/2021	Focus Group Virtual Meeting	When they were doing the 1488 study, I looked at the data along there for several years and for the deaths that occurred along 1488, 20% of them were related to pedestrians and cyclists.	
33	Cade, Randall	02/04/2021	Focus Group Virtual Meeting	There's some pretty good north/south routes that can get you through the precinct 2 large area along pipeline or power line ROWs that would take cyclists and hikers off the road completely…You've got a drainageway right on your map there that goes the entire length, more or less, east and west. Many areas have used drainageways very successfully for that purpose.	
February 5, 2021					
34	Dives, Joe	02/05/2021	Focus Group Virtual Meeting	I think any north/south, east/west that could be added is certainly going to lessen the load of traffic and help the buses out…A connector from Nichols Sawmill to 1488 would alleviate a lot of the Nichols Sawmill south traffic from having to go into town to get on 1488…There can't be enough connector roads…If you look at Superior Road and Corrola, and that doesn't connect to anything, but if it did connect to 2854 that would start to alleviate and take some of the load off the other roads such as Fish Creek and the 149/Jackson Road area…Anything that we could add east/west that would connect to 249 to alleviate that would certainly not only help out the traffic issue, but also help out the buses as we do have accidents on Hardin Store.	
Question 3. Where do you see pedestrians/cyclists regularly (not on sidewalk/bike path)?					
February 3, 2021					
35	Berger, Bruce	02/03/2021	Focus Group Virtual Meeting	Other than people practicing for the MS 150, we don't see bicyclists or people walking. It's usually contained in the neighborhood trails that are set up for that, as opposed to across the precinct.	
36	Mullins, Carlene	02/03/2021	Focus Group Virtual Meeting	I see cyclists on 1488 all the time…. Is that wide shoulder on 1488, is that supposed to accommodate cyclists? It's not marked.	TxDOT roads are required to include a multi-user path of some kind.
37	Gerhardt, Carl	02/03/2021	Focus Group Virtual Meeting	Lake Creek Greenway up north of 1488 on 2978, I've seen a couple people but as that increases and gets more open and they're working on it I think that's going to increase the traffic on bikes up through there.	
38	McCorquodale, Dave	02/03/2021	Focus Group Virtual Meeting	Certainly 2854 and 149 north out of our city, but 2854 is heavily used on the weekends by cyclists.	
39	Ross, Tana	02/03/2021	Focus Group Virtual Meeting	We've had, in the summer months, regular cyclists especially visiting the brewery both on 1488 and 1774.	
40	Krantz, Adam	02/03/2021	Focus Group Virtual Meeting	The I-45 frontage roads between south loop 336 and 1488; I know of a lot of cycle groups that use that as part of a loop to go 1488 up fish creek thoroughfare, 2854 and then back around.	

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
41	Ross, Tana	02/03/2021	Focus Group Virtual Meeting	In talking with all of the developers, we have a lot more multi-family coming into the City of Magnolia. Certainly, there has been the discussion and we even worked with one group for a while, a consultant, about making connectivity walkable to the schools specifically for those multi-families...That certainly is something that the city is interested in.	
42	Krantz, Adam	02/03/2021	Focus Group Virtual Meeting	TxDOT roads, they do have the extra wide shoulders, obviously cyclists like to use that a lot.	
February 4, 2021					
43	Cade, Randall	02/04/2021	Focus Group Virtual Meeting	Near 242 and I-45, there's just no place for cycles to go…No shoulders, no pathways, no anything up there...There's some high intensity destinations like the medical area and so on that could really use a route for cyclists or walkers to be able to get there without impeding traffic or putting their lives in danger.	
44	Leakey, Steve	02/04/2021	Focus Group Virtual Meeting	There are a lot of cyclists who ride on the streets where there are hike and bike trails, but they choose to ride in the street as opposed to using the hike and bike trails. So, somehow motivating or communicating with the cycling community that hey, when they exist, for crying out loud use them.	
45	Cade, Randall	02/04/2021	Focus Group Virtual Meeting	In terms of input for this study, Bike the Woodlands would welcome a conversation about hiking/biking in Precinct 2 if H-GAC is open to that. We could provide some ideas which may be interesting in the planning process.	
46	Everson, Brent	02/04/2021	Focus Group Virtual Meeting	One of the things we've kicked around a few times is creating some type of Master Plan for bicyclists. Call it a loop to start with. So, if you start creating bike paths to nowhere or in certain destinations it doesn't satisfy the leisure or the exercise bicyclist. So, if we can create to begin with a simple loop…you can build off that. That might be a combination of sharing the roads and on pipelines and reserves and easements, but if you Master Plan it, I think it could be implemented and integrated into what we're trying to achieve more easily.	
February 5, 2021					
47	Unknown	02/05/2021	Focus Group Virtual Meeting	In Magnolia ISD, we're seeing a lot of cyclists that are coming up and down Twin Lakes Road…it's a two-lane road with no turn lane, no shoulders, nothing. It would be great if it was a four-lane road with a bike lane as well for them.	
48	Ambler, Julie	02/05/2021	Focus Group Virtual Meeting	There are quite a few bikers that go down Old Conroe Road and they are in the two lanes of road, it's very dangerous.	
Question 4. What intersection do you wait more than one traffic signal cycle?					
February 3, 2021					
49	Berger, Bruce	02/03/2021	Focus Group Virtual Meeting	1488/2978, 1488/1774	
50	Mullins, Carlene	02/03/2021	Focus Group Virtual Meeting	I know it depends on the time of day, but 1488 and 242 is an issue. On Friday afternoons, 2978 and Woodlands Parkway. I don't know if it's still the same, but it would take 5 or 6 traffic cycles to get through that intersection. And wasn't that as much as it is the signal that's north of there at the middle school. But it would back up all the way to Hardin Store Rd.	
51	McCorquodale, Dave	02/03/2021	Focus Group Virtual Meeting	105 and Walden Rd up on the very north end has been bad for several years for west-bound traffic. You can sometimes wait 3, 4, 5 cycles before you get through. It's an extremely long light.	

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
February 4, 2021					
52	Everson, Brent	02/04/2021	Focus Group Virtual Meeting	Carriage Hills Blvd and 1488, westbound especially…Sometimes it's two or more cycles before you can go through.	
53	Berger, Bruce	02/04/2021	Focus Group Virtual Meeting	Obviously 1774/1488, 2978/1488. Those were our big issues. Also, a little bit over there at 242 and 1488 as well.	
54	Teague, Jean	02/04/2021	Focus Group Virtual Meeting	Research Forest and Gosling where the transit buses are heading out of Research Forest, so from Gosling turning east.	
February 5, 2021					
55	Ambler, Julie	02/05/2021	Focus Group Virtual Meeting	Old Conroe and 1488. And there's also turn lanes near the intersections into the shopping centers which actually are very dangerous…In front of the school on 242 right before Gosling at Aldin Woods Drive we hire an off-duty law-enforcement officer to run the light for us to get our cars in and out for car line because it can back up really, really badly at that location if we don't do that.	
56	Klapesky, Paula	02/05/2021	Focus Group Virtual Meeting	1488 and Kuykendahl	
57	Unknown	02/05/2021	Focus Group Virtual Meeting	Biggest intersection I think we see problems with is 45/242…That light at Methodist hospital, that's a problematic intersection because that will back up all the way into Shenandoah.	
58	Unknown	02/05/2021	Focus Group Virtual Meeting	149/249…our buses sit through multiple light cycles at that intersection…1488/2978, that's a multiple light cycle…And as you just keep coming down south there's Tamina right there, there's Woodlands Parkway, those are multiple light cycles.	
59	Unknown	02/05/2021	Focus Group Virtual Meeting	What's the plan at 242 and 45 for that drainage issue?	
60	Unknown	02/05/2021	Focus Group Virtual Meeting	1488 and 1774	
Question 5. Do you see the need for additional transit facilities/routes? Where?					
February 3, 2021					
61	Ross, Tana	02/03/2021	Focus Group Virtual Meeting	We have no park and ride. We don't even have one on a plan right now…We've got all of these new residents coming in, so as your commuter information showed, I think that's something we need to think about…I know a lot of places use their depot, but we have no parking at our depot. It would be wonderful to do that with an improvement or transportation package, but don't know where.	
February 4, 2021					
62	Krantz, Adam	02/04/2021	Focus Group Virtual Meeting	The Woodlands is getting more workers into their community to work and a lot of them use transit, so what I see is that maybe some of this Magnolia and Woodlands connection to get some workers to the Woodlands through transit may be something to be looked at.	
63	Leakey, Steve	02/04/2021	Focus Group Virtual Meeting	I heard an interesting presentation from Enterprise Rent-a-Car a while ago, that they're prepared to put together custom transit plans for employers to increase the carpooling factor…They were very creative, very innovative and they said everybody saves money and everybody saves time. So, somebody may want to be in touch with them to see what's going on in that regard.	

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
February 5, 2021					
64	Unknown	02/05/2021	Focus Group Virtual Meeting	With all the development that's coming up in Magnolia, I think one of the subdivisions that's partially built right at the 249/1488, there's supposed to be like 700 homes there…it might be beneficial to have one a little further west, closer to Magnolia.	
Question 6. Do most of your employees/co-workers live locally or commute?					
February 3, 2021					
65	Berger, Bruce	02/03/2021	Focus Group Virtual Meeting	Most of the people, I would assume, that live up here probably commute to Houston, statistically. We do a lot of pass-through here. The 249 toll road, obviously it's not open all the way into town yet, but it will be soon. We're averaging 70% of out of county users at this point.	
66	Woolley, Tommy	02/03/2021	Focus Group Virtual Meeting	90 something percent are Montgomery County.	
67	Briggs, Marlisa	02/03/2021	Focus Group Virtual Meeting	I don't remember the exact statistic, and I know Exxon is in Harris County, but they gave a statistic in a meeting probably a year ago that I want to say somewhere around 75-80% of their employees, they all commute north into Montgomery County….I know that that's a huge issue for them in terms of, that they're really trying hard to try to find some solutions for their people.	
68	McCorquodale, Dave	02/03/2021	Focus Group Virtual Meeting	In terms of certainly city staff, I think one town over is probably a common answer. 20-40 minutes worth of drive seems acceptable. Not many people do more.	
February 4, 2021					
69	Berger, Bruce	02/04/2021	Focus Group Virtual Meeting	We employ currently 50 plus people here and other than maybe 4 or 5 everyone is from Montgomery County.	
70	Griffith, Rusty	02/04/2021	Focus Group Virtual Meeting	A lot of ours are north or west…Ours are probably 50/50 in Montgomery County/out of Montgomery County, but not really any one direction.	
71	Evans, Justin	02/04/2021	Focus Group Virtual Meeting	I'd say ours are all over the place.	
72	Nelson, Linda	02/04/2021	Focus Group Virtual Meeting	We have about 2,700 employees here at our Woodlands location, and I would say the very large majority of them are Montgomery and Harris.	
73	Windisch, Kendra	02/04/2021	Focus Group Virtual Meeting	I think most of ours at MD Anderson are close by, like north Harris or Montgomery County.	
February 5, 2021					
74	Ambler, Julie	02/05/2021	Focus Group Virtual Meeting	We have 142 full-time employees and I would say they're about half in Spring and half scattered in the Woodlands and also in Wood Forest.	
75	Cruz, Caroline	02/05/2021	Focus Group Virtual Meeting	At the state forest, most of the employees there are required to be within a 30-minute radius to the state forest for emergency response, so most of them do live in Montgomery County. There's some that live closer towards Old Magnolia, some in Conroe, some closer to Willis. So, several are coming by 45 and probably split the others are coming on 1488 from out further towards Old Magnolia.	
76	Dives, Joe	02/05/2021	Focus Group Virtual Meeting	I think the majority do live in Montgomery. We do have some that come in from Harris…we have a couple coming in from Waller, Grimes, Navasota.	

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
77	Unknown	02/05/2021	Focus Group Virtual Meeting	They're pretty scattered, I would say bulk live in Montgomery County, but we bring a lot in from Harris, got some in Waller, Navasota, so we pull some in from all areas, but I would think the bulk live in Montgomery County.	
Question 7. What is your main "headache" when it comes to mobility in Precinct 2?					
February 3, 2021					
78	Berger, Bruce	02/03/2021	Focus Group Virtual Meeting	Probably the worst intersection in our precinct, and I bet right up there in the worst in Texas, has got to be 1488 and 1774.	There is an effort currently underway to plan a 1488 relief route.
79	Ross, Tana	02/03/2021	Focus Group Virtual Meeting	Buddy Riley Blvd that connects 1488 to 1774 before you get to the major intersection is totally backed up. It's not unusual at 5 o'clock to spend 15-20 minutes, and I'm not exaggerating, going three blocks to get to a signal light.	There is an effort currently underway to plan a 1488 relief route.
February 4, 2021					
80	Mullins, Carlene	02/04/2021	Focus Group Virtual Meeting	In the evenings, at about 3:30 I know that I-45 is going to be congested and probably there's an accident on I-45 and Hardy Toll Road or somewhere in that area so I try to avoid the access road in that area at all costs, but sometimes that's difficult because it's hard to go south when there's not other roads to go south.	
81	Griffith, Rusty	02/04/2021	Focus Group Virtual Meeting	It's the lack of options. There's not a lot of alternatives, you're stuck.	
82	Mitchell, Sarah	02/04/2021	Focus Group Virtual Meeting	We're right off 149…that's become such a dangerous stretch of highway, consistently having deadly accidents on 149 and I think a lot of it has to do with having no shoulder and not great line of sight and people just going really fast, I think commuting or just trying to race home. But when that does happen the whole thing is shut down, of course.	
February 5, 2021					
83	Gerhardt, Carl	02/05/2021	Focus Group Virtual Meeting	I've noticed personally, going down this big, wide 1488 over towards Magnolia from intersection of 1488 and 2978. It's a big open road and it's 50 mph speed limit. You get past the high school it goes down to a two-lane road and the speed goes up to 55. So, I've wondered sometimes because I see people getting tickets in there…To me I think the speed limit should reflect the road.	
Question 8. What is your solution to future traffic/mobility issues?					
February 3, 2021					
84	McCorquodale, Dave	02/03/2021	Focus Group Virtual Meeting	Transit. People movers and alternatives to cars.	
85	Berger, Bruce	02/03/2021	Focus Group Virtual Meeting	We would need to focus on the real pressure points that we've already mentioned, the relief route again being the biggest…Extending 149 over to 249, extending Keenan Cutoff. East/west would be my focus, again the relief route without a doubt, and of course Woodtrace Blvd.	
February 4, 2021					
86	Leakey, Steve	02/04/2021	Focus Group Virtual Meeting	We know where development's going to happen and where the new residential communities are going in. We clearly are going to need new and expanded roads and streets. I think wherever we can get the developers to build those as a part of their development of their real estate would be good.	

Table 1. Questions/Responses

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
87	Teague, Jean	02/04/2021	Focus Group Virtual Meeting	I would say some type of loop mechanism, similar to the north county 336 down in the south county, that moves people east/west and up north to that location, the 336 area.	
88	Moses, Sharon	02/04/2021	Focus Group Virtual Meeting	I would take over some property and just give you a little bit more connectivity east/west…It looks like 149 all the way through to 45. It just looks like the connectivity there throughout this area really is lacking and somehow, I'd try to close those loops up as a planner.	
89	Gooding, C.T.	02/04/2021	Focus Group Virtual Meeting	Providing a variety of options and mobility options for people and thinking beyond just roadways is the only option of expansion and only option of growth and by providing additional options we've had comments on rail, bike loops and pathways, bus transit and metro extending up into the county. So, my ideal solution would be building out more multi-modal options to spread the load across different facilities.	
February 5, 2021					
90	Hollie, J.J.	02/05/2021	Focus Group Virtual Meeting	We've had some discussions with our legislative team transportation meetings…as things progress and we look to the future…ride share and car share programs where you don't own a car you just rent a piece of one and you have to schedule it. But as things like that happen and we get electric vehicles and stuff like that I'm just kind of curious how that might play into the future. Hopefully it happens because that would decrease our pressure of traffic and cars on the road.	

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STEERING COMMITTEE MEETING 3 – MEETING SUMMARY

APRIL 15, 2021 2:00-3:00 PM

Attendees:

Adam France
Adam Galland
Allie Isbell
Barbra Koslov
Brent Everson
Bruce Berger
Carl Gerhardt
Carlene Mullins
Catie Reid
J.J. Hollie
Jean Teague
Jeffery English
Joe Dives
Jodell Whitehead
Justin Kuzila
Kathie Reyer
Kyle Montgomery
Lokesh Vijayagopal
Mike Burns
Richard Tramm
Rick Wong
Rob Eissler
Sandy Barton
Steve Leaky
Tommy Woolley

Notes:

1. For more detailed information and to view exhibits, see presentation slides.
2. Introductions (Carlene Mullins, 5 min.)
    - What do you hope study will do for area?
        - Adam France (Conroe Planning Department)- shed light on what is going on in southwest portion of Conroe
        - Adam Galland (TxDOT Montgomery Area Office) – Provides projects/shows need that TxDOT can work with County on facilities that connect to TxDOT
        - Brent Everton (WMPID) - watching and implementing programs that improve mobility
        - Bruce Berger (Precinct 2 Commissioner Office) – getting study done so can work with partners; move Precinct and County forward; Facilitate growth in healthy way for people who live in area
        - Carl Gerhardt (WMPID) - better mobility; improve lives of local people; pleased with Bruce and Commissioner Riley have worked with study and roads in area
        - Jean Teague (Resident of Shenandoah) - mobility and safety improvements for travelers in area
        - Jeffrey English (TxDOT Houston District Office) – work with partners and get projects through
        - J. J. Hollie – no response
        - Jodell Whitehead – no response (no microphone)
        - Joe Dives – no response
        - Kathy Reyer – no response

        - Kyle Montgomery – mobility; traffic safety is key from law enforcement perspective
        - Richard Tramm – no response
        - Rick Wong (Montgomery County Engineering) – get projects underway; hopes for fewer complaints on traffic issues
        - Rob Eissler – no response
        - Sandy Barton (Greater Magnolia Chamber of Commerce) – happy with current improvements, and would like to see more of the same; as area grows, roads getting worse - affecting business
        - Steve Leakey - interest: outlook good for new residential developments; economic developments good; wants mobility to help region to grow and be prosperous on a variety of fronts
        - Tommy Woolley (City of Conroe Engineering) - info on how traffic is currently flowing; provide project suggestions to keep traffic moving
3. Study Overview (Carlene Mullins, 5 min.)
    - Project Schedule
        - Input from stakeholder meetings
        - Next public meeting November
        - Wrap up next spring
    - Vision:
        - *Develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.*
    - Purpose
        - Identify mobility needs
        - Develop recommendations and list of projects
    - Steering Committee Role
        - **Encourage public meeting attendance**
    - Keep in Mind...
        - Work as a Team
        - Multi-modal
4. Data Collection & Analysis (Barbra Koslov, 20 min.)
    - Field Data Collection
        - Turning Movement Counts
        - 24-hr Volume
        - Travel Time Runs
    - Other Data Collected
        - Signal Timing Plans
        - Crash Data
        - Recent Traffic Studies

- Traffic Counts collected by others
- Turning Movement Counts
  - Individual turn and through movement volumes at an intersection
- Traffic Volumes
  - Some existing roads already over capacity
  - Future growth means even more roads operating over capacity
- Travel Time Runs
  - Time from point A to point B
  - Used to confirm model accuracy
  - A baseline to measure future improvements
- Level of Service - AM Peak
  - 13 locations at E or F
- Level of Service - PM Peak
  - 18 locations at E or F
- Traffic Modeling
  - 60 intersections
  - Inputs such as lane configuration and volumes
  - Outputs - delay and LOS
- Crash Data
  - Heat map
  - List of top 10 intersection crash locations

5. Public Meeting (Carlene Mullins, 5 min.)
   - Public Meeting
     - Presentation agenda
   - Identified Issues
     - Lists issues from previous meetings
   - Priority Corridors
   - Priority Intersections
   - Improvement Toolbox
     - Listed common potential improvements
     - Some additional solutions might be outside the box
   - Public Input
     - Demonstration of Engage.h-gac.com website
       - Comment map
       - Survey
       - Public meeting
6. Discussion (Carlene Mullins, 15 min.)

- Carl Gerhardt
  - Public meeting – asked if large number of people in public meeting can be accommodated on zoom
    - Carlene said should be able to handle; meeting recorded so will be able to view online later, as well
- Steve Leakey
  - Plan integrated with other precincts and surrounding counties?
    - Carlene response:
      - Precinct 1 in attendance for previous meetings
      - Had individual meeting with Precinct 3
      - Coordination on current and future projects
      - Working with Harris County, City of Houston, Waller County
      - Had meeting with Bike The Woodlands
      - Feedback for bike lanes and potential of using utility easements for multi-use paths
      - Understand that all roads lead somewhere else and Precinct 2 is not a bubble
  - Toolbox slide - when in the process will start suggesting which tools will be suggested where
    - Carlene said next steering committee meeting
      - Various alternatives at major intersections
      - Next step to develop alternatives after public meeting
      - May need more than one meeting to cover everything
  - Steve - loop railroad being considered? Two-way railroad? Considering other alternative improvements?
    - Carlene – could have rail that links Conroe, The Woodlands, Magnolia
      - Think outside box – congestion now; future will be standstill without improvement
      - Bus or monorail style system
      - Overpass
      - Traffic circle
      - Ideas from other cities
      - Diverging diamond
  - Steve - more toolbox examples (alternate toolbox for less common/innovative ideas)
    - Rapid transit (e.g. Dallas)
    - Rail lines in Houston
- Brent Everson - requested slides from previous meetings
  - Carlene will send to everyone

7. Next Steps (Carlene Mullins, 5 min.)
   - Public Meeting – April 22, 2021 at 6:00 PM
   - Review surveys and comments

STEERING COMMITTEE MEETING 3 – MEETING SUMMARY

APRIL 15, 2021 2:00-3:00 PM

- Develop and analyze recommendations
- Public Meeting – November 2021
- Final Report – Spring 2022



Montgomery County Pct. 2 Mobility Study Steering Committee Meeting 3

Carlene Mullins, H-GAC
Barbara Koslov, Gunda Corporation
April 15, 2021

Regional Collaboration • Transportation Planning • Multimodal Mobility

1

Agenda



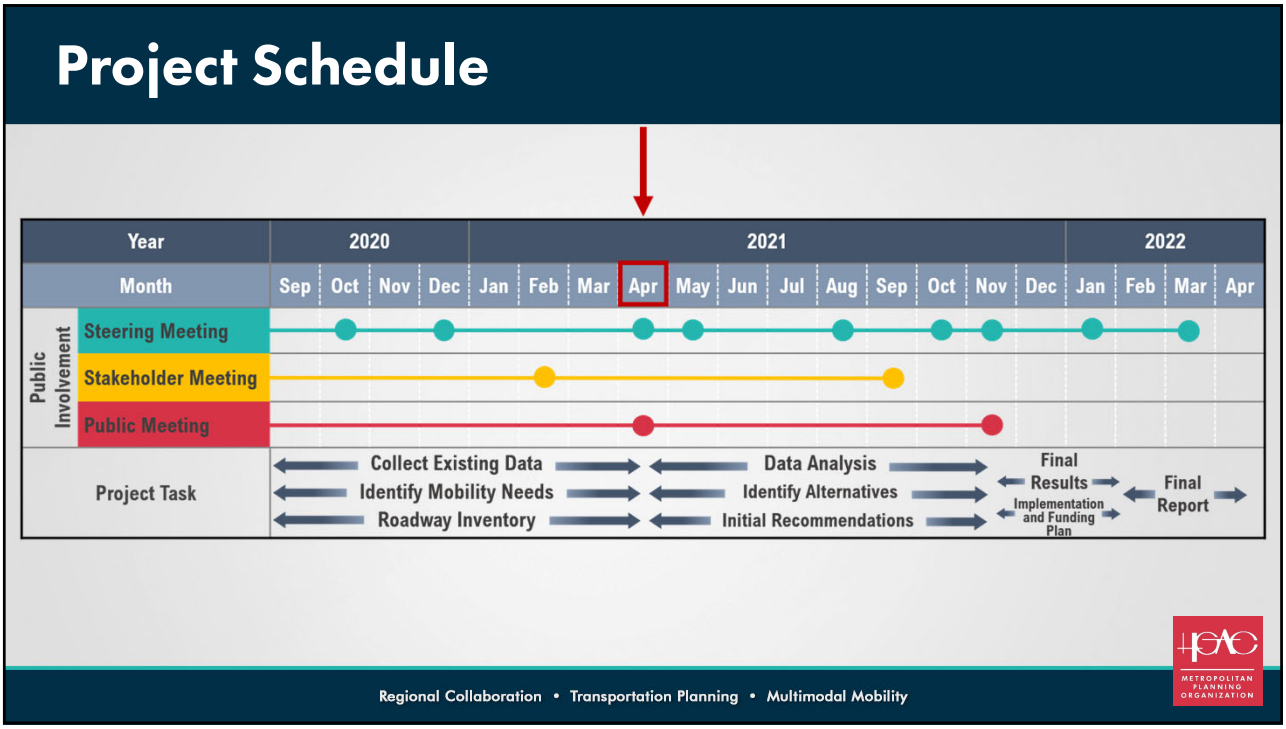
- Study Overview
- Data Collection and Analysis
- Preview of Public Meeting
- Discussion
- Next Steps

Regional Collaboration • Transportation Planning • Multimodal Mobility

2


Study Overview
Regional Collaboration • Transportation Planning • Multimodal Mobility

3


Project Schedule
Year
2020
2021
2022
Month
Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr
Public Involvement
Steering Meeting
Stakeholder Meeting
Public Meeting
Project Task
Collect Existing Data
Identify Mobility Needs
Roadway Inventory
Data Analysis
Identify Alternatives
Initial Recommendations
Final Results
Implementation and Funding Plan
Final Report
Regional Collaboration • Transportation Planning • Multimodal Mobility

4

Vision

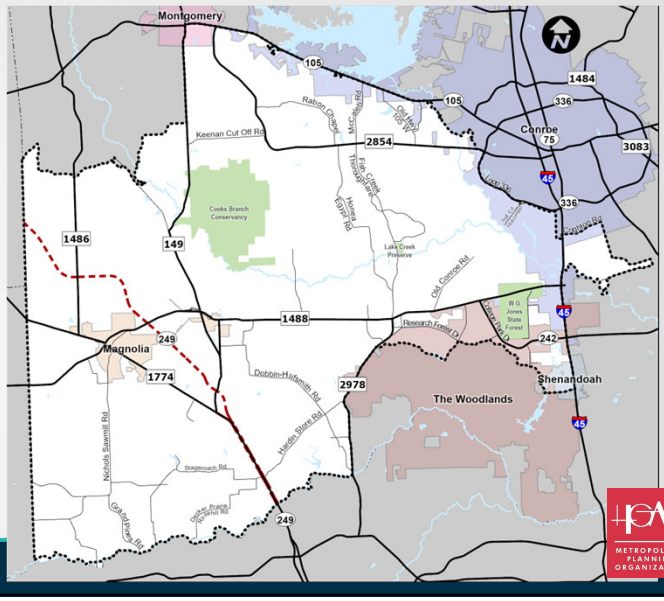
Develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.

Regional Collaboration • Transportation Planning • Multimodal Mobility

5

Purpose

- Identify mobility needs
- Develop consensus on recommendations
- Develop a list of projects
- Recommend updates to Thoroughfare Plans



6

Steering Committee Role



- Identify mobility issues, new developments, trip generators, etc.
- Develop a vision statement, goals and objectives
- Receive, review and provide input throughout the development of the mobility plan
- Recommend stakeholders
- **Encourage public meeting attendance**

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Keep in Mind…



- There are no bad ideas
- Keep an open mind
- Work as a ***team***
- This is a multi-modal mobility plan

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Data Collection & Analysis

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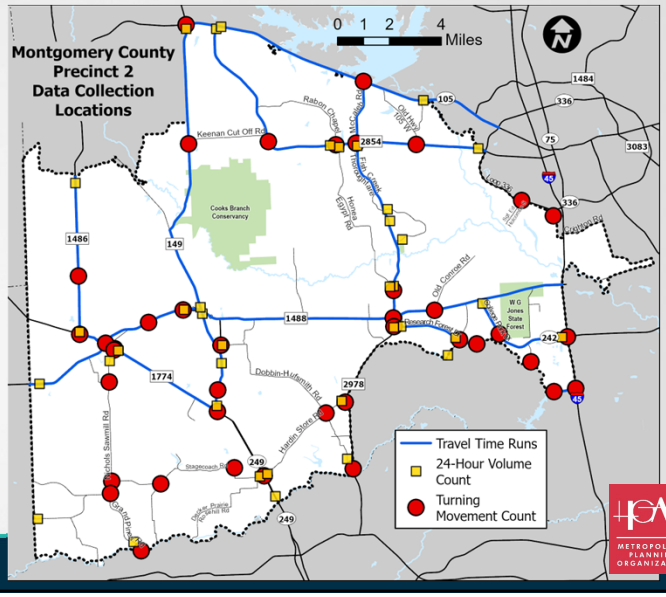
Field Data Collection

- **Turning Movement Counts**
  - 27 Signalized Intersections
  - 12 Unsignalized Intersections
- **24-Hour Volume Counts**
  - 38 Locations on 22 Corridors
- **Travel Time Runs**
  - 10 Corridors
  - Approximately 95 Miles of Road Covered



10

Other Data Collected

- Signal Timing Plans
  - Montgomery County
  - TxDOT
  - City of Conroe
- Crash Data
  - TxDOT CRIS Database
- Recent Traffic Studies
- Traffic Counts from other studies

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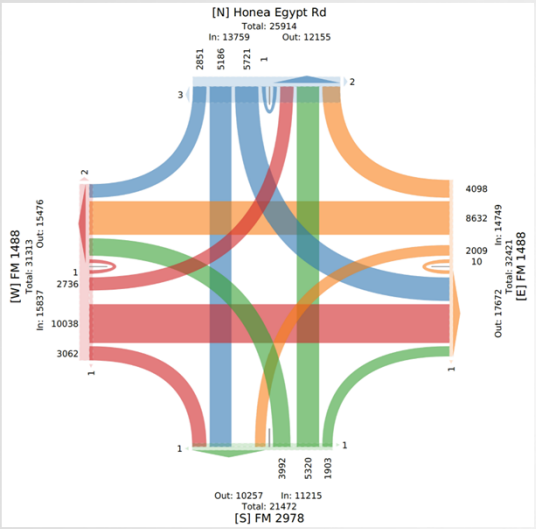
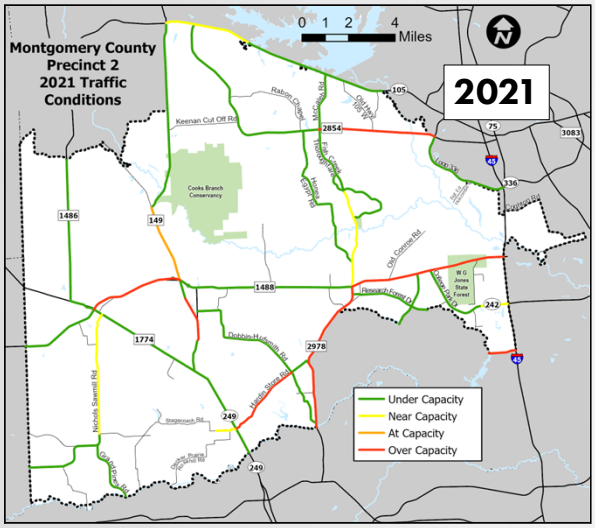
Turning Movement Counts

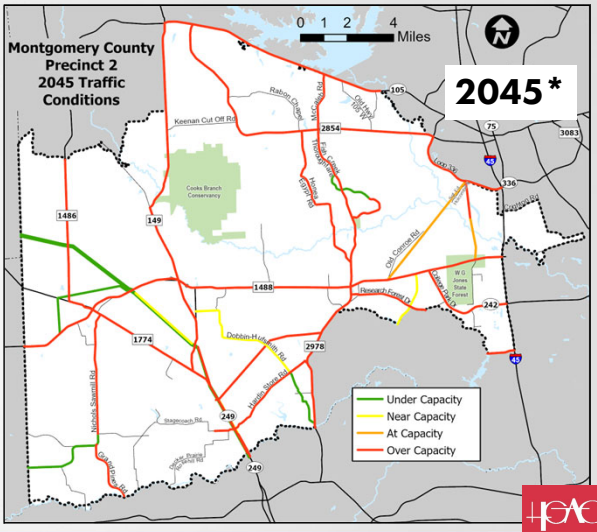


- Individual turn/through movement volumes
- Classification of vehicles for each movement
- Turning movement counts used in traffic models

12

Traffic Volumes

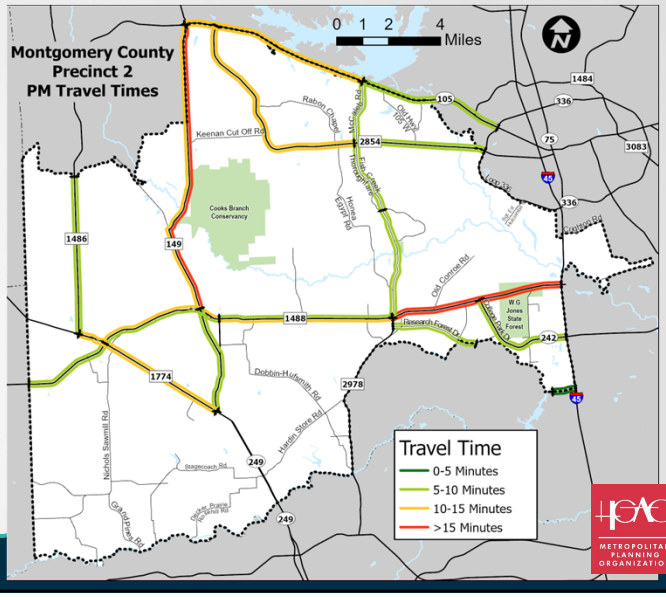




13

Travel Time Runs

- Time between specified points on a corridor (seconds)
- Data collected:
  - Delay experienced (seconds)
  - Average travel speed (miles per hour)
  - Number of stops
- Confirm accuracy of traffic model
- Measure of effectiveness for improvements

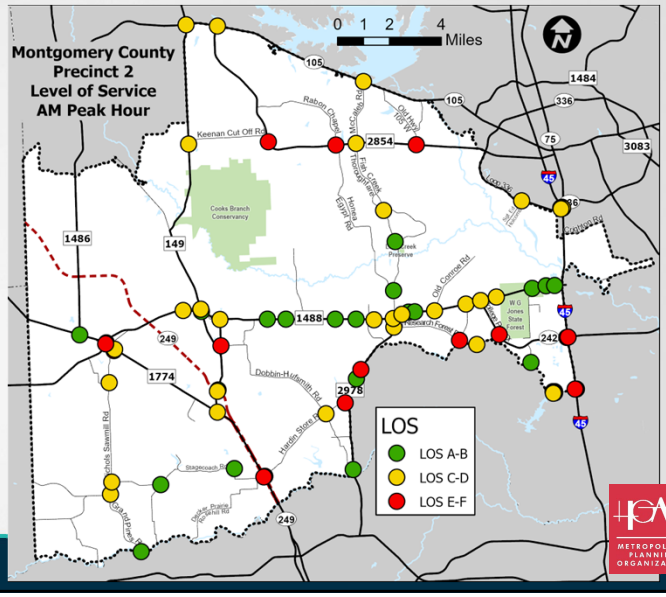


14

Level of Service – AM Peak Hour

Intersection	AM Delay (sec/veh)	AM LOS
IH 45 & SH 242	192.7	F
SH 242 (College Park Dr) & Greenbridge Dr	101.6	F
IH 45 & Research Forest Dr	101.2	F
FM 1488 & FM 1774/Melton	95.1	F
FM 2978 & Woodlands Pkwy	84.7	F
Kuykendahl Rd & Research Forest Dr	75.6	E
SH 249 & Decker Prairie Rd/Hardin Store Rd	70	E
FM 2978 & Hardin Store Rd	62.4	E
Nichols Sawmill Rd & Commerce St*	334.6	F
Spur 149 & Dobbin Hufsmith Rd*	104.4	F
FM 2854 & Rabon Chapel Rd*	77.1	F
FM 2854 & Old Hwy 105 W*	62.5	F
FM 2854 & Keenan Cut Off Rd*	57.5	F

- **13 Locations are at LOS E or F**



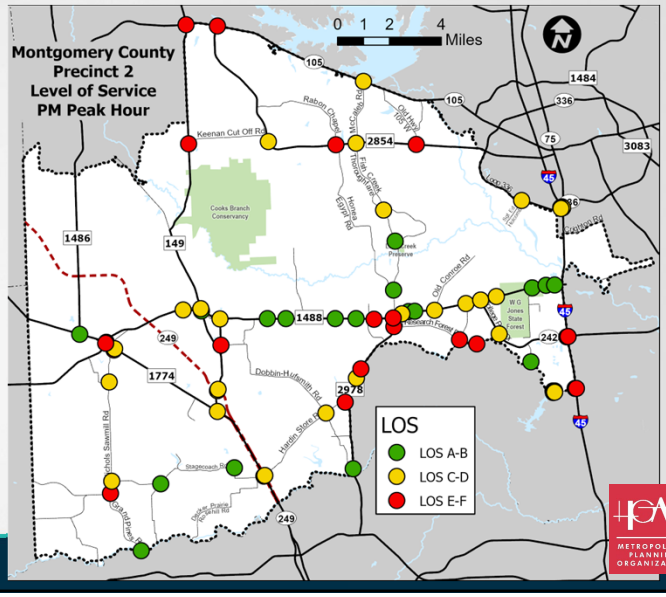
* Stop Control Intersection

15

Level of Service – PM Peak Hour

Intersection	PM Delay (sec/veh)	PM LOS
IH 45 & SH 242	217.3	F
FM 1488 & FM 1774/Melton	84.5	F
Kuykendahl Rd & Research Forest Dr	83.6	F
FM 2854/Lone Star Pkwy & SH 105	81.9	F
FM 2978 & Woodlands Pkwy	80.7	F
FM 149 & SH 105	77.5	E
IH 45 & Research Forest Dr	71.1	E
Tamina Rd & FM 1488	68.8	E
FM 2978 & Oak Creek Dr/Research Forest Dr	64.6	E
Research Forest Dr & Greenbridge Dr	63.5	E
FM 2978 & Hardin Store Rd	58.3	E
FM 2978/Honea Egypt Rd & FM 1488	56.1	E
Grand Pines Rd & Nichols Sawmill Rd*	135.5	F
FM 2854 & Old Hwy 105 W*	97	F
Nichols Sawmill Rd & Commerce St*	88.5	F
FM 149 & Keenan Cut Off Rd*	68.9	F
FM 2854 & Rabon Chapel Rd*	51.4	F
Spur 149 & Dobbin Hufsmith Rd*	42.5	E

- **18 Locations are at LOS E or F**

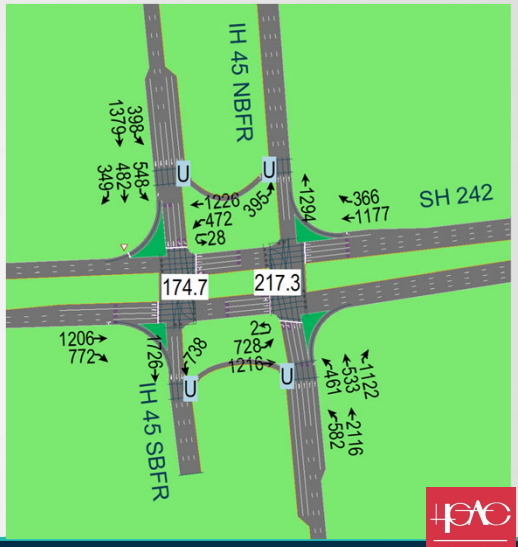


* Stop Control Intersection

16

Traffic Modeling

- 60 intersection analyzed
- Inputs Include:
  - Lane Configuration
  - Peak Hour Turning Movement Volumes
  - Peak Hour Timing Plan
- Calculates delay and Level of Service (LOS)



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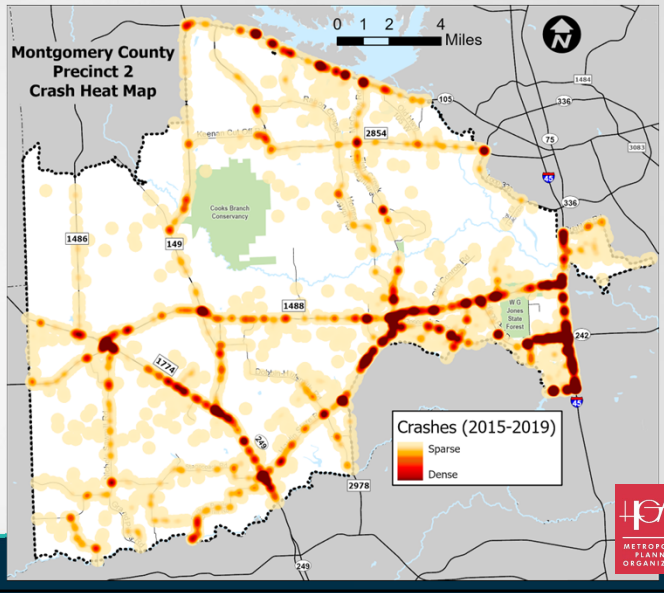
Crash Data (2015-2019)

Top 10 Intersection Crash Hot Spots

- SH 242 at I-45
- Research Forest at I-45
- FM 1488 at FM 2978/Honea Egypt Rd
- Research Forest Dr at Grogan's Mill
- SH 249 at Decker Prairie Rd/Hardin Store Rd
- FM 1488 at FM 1774
- SH 242 at Windsor Lakes/St Lukes Way
- SH 242 at Gosling Rd
- SH 242 at Maverick Way
- SH 242 at FM 1488

Total Crashes: 12,601



18



Public Meeting

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Public Meeting



- **Presentation**
  - Welcome
  - Study Overview
  - Existing Conditions
  - Identified Issues
  - Public Input
  - Next Steps
- **Question, Comment and Answer Session**

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Identified Issues

Major Issues	Steering Committee	Stakeholder Groups
Traffic Congestion	X	X
Dangerous Road Curves	X	X
North/South Connectivity	X	X
East/West Connectivity	X	X
Transit Needs	X	X
Intersection Congestion	X	X
Need Bike Routes	X	X
Corridor Signal Timings	X	X
Railroad Crossings	X	X
Flooding near IH-45/SH242	X	
Extend Old Conroe Road	X	X
FM 2978 Construction	X	X
School Traffic	X	
Safety - Crashes	X	X
New Developments	X	
Hospital Access		X



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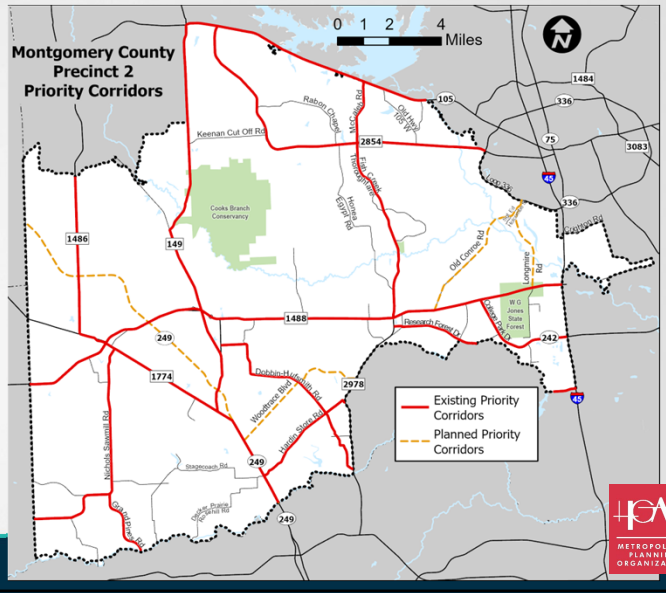
Priority Corridors

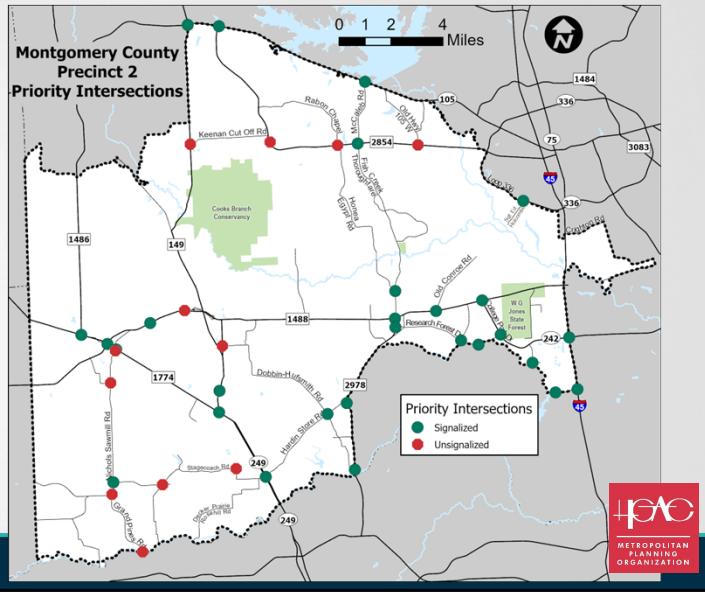
- **Criteria:**
  - Traffic Volumes
  - Crash History
  - Regional Mobility
  - Steering Committee Input



22

Priority Intersections

- Criteria:
  - Traffic Volumes
  - Crash History
  - Regional Mobility
  - Steering Committee Input



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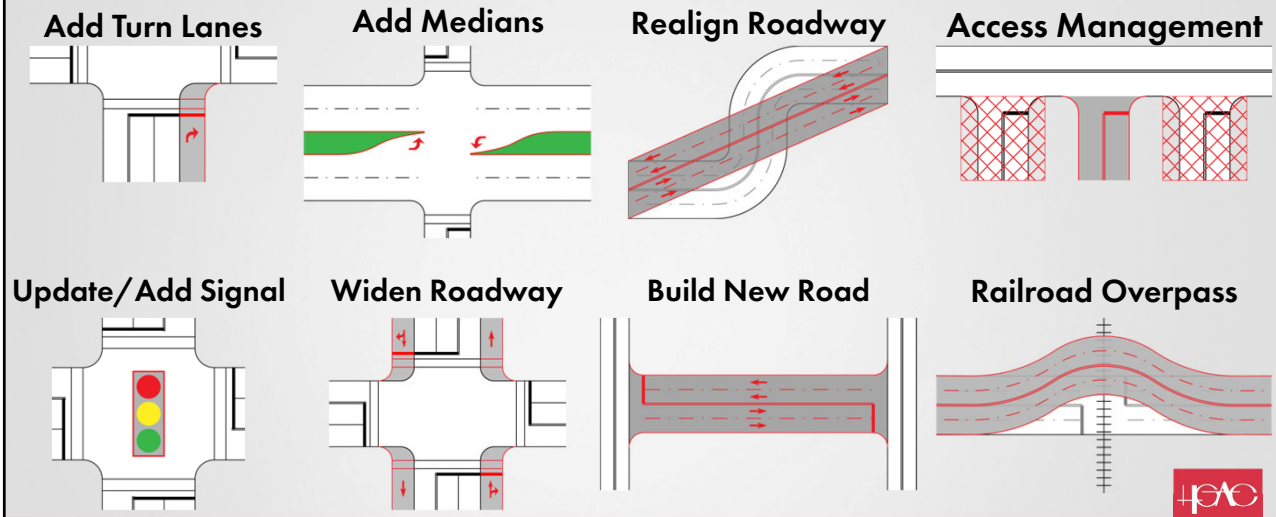
Improvement Toolbox



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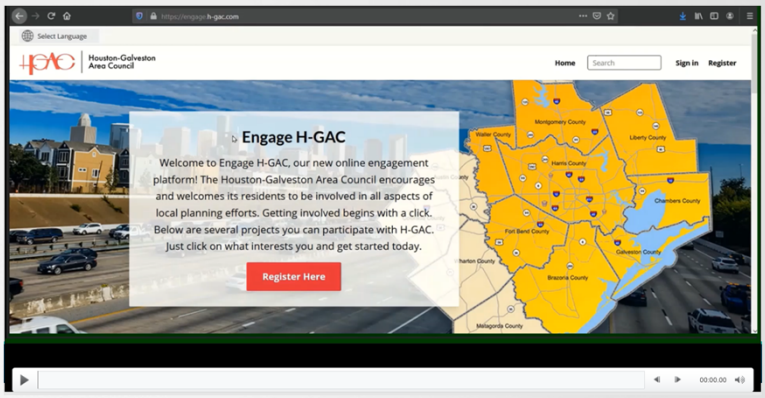
Public Input

- Engage.H-GAC.com
- Website Demonstration
- Link to Studies
  - Survey
  - Interactive Comment Map
- Calendar – *Register for Public Meetings*



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Discussion

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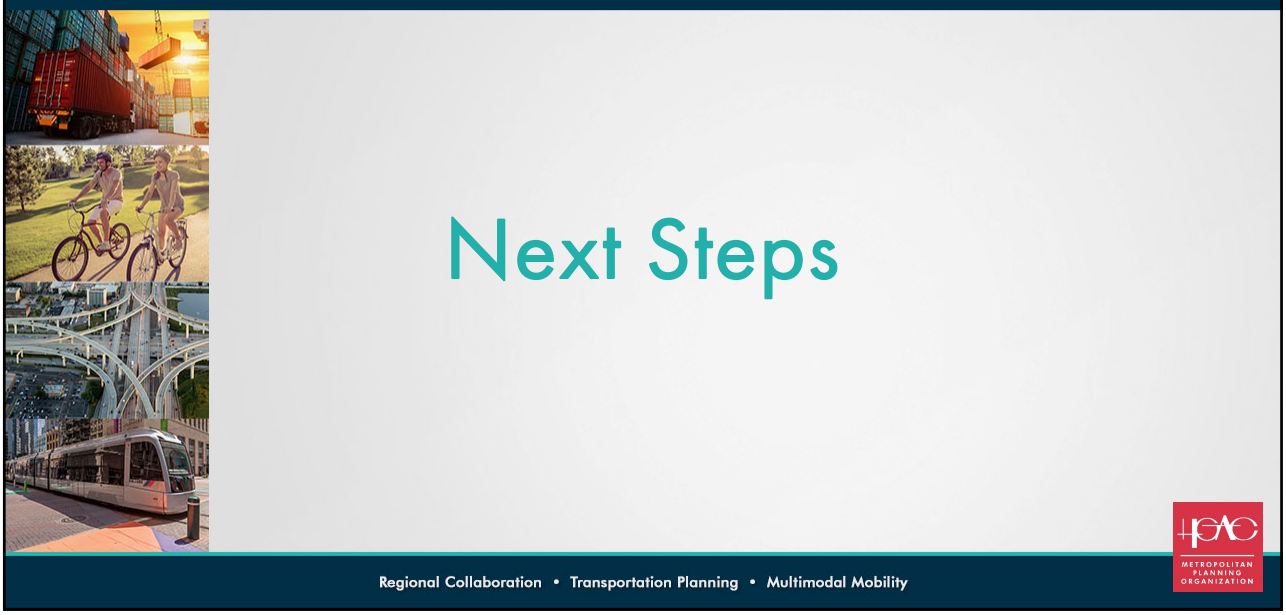
Next Steps
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METROPOLITAN PLANNING ORGANIZATION

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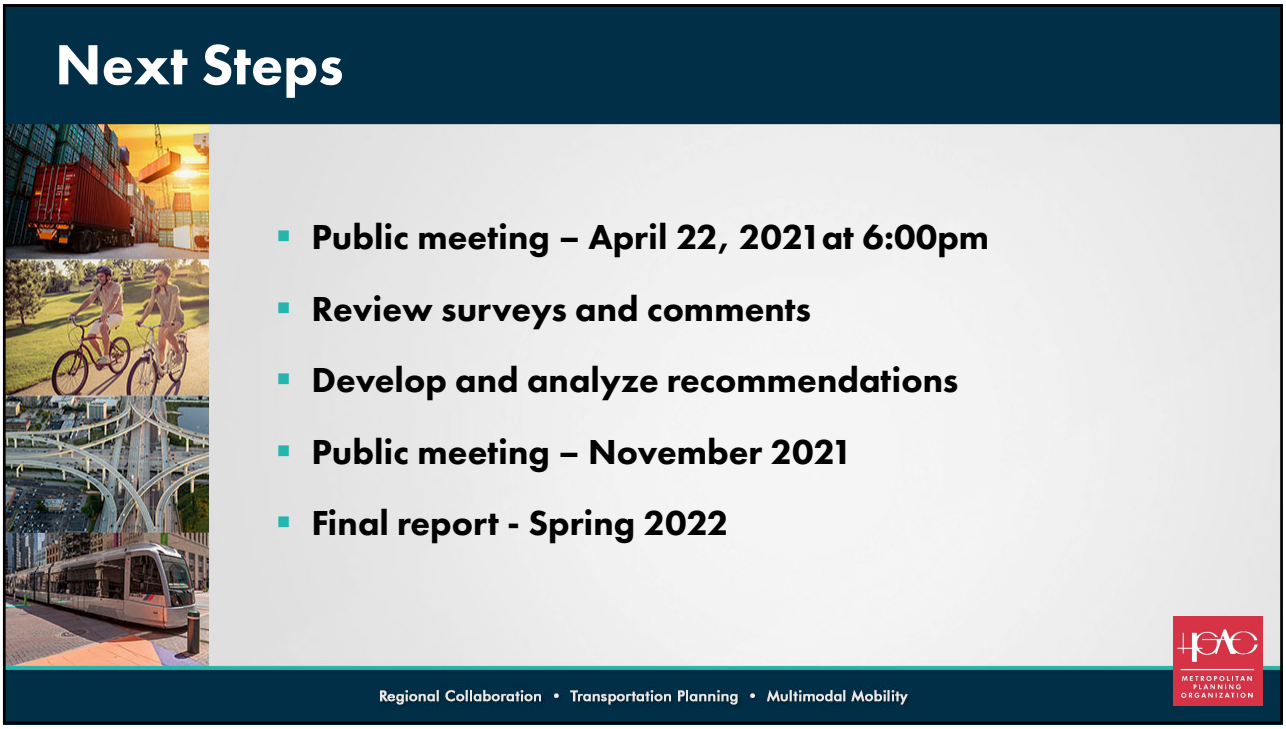
Next Steps
Public meeting – April 22, 2021 at 6:00pm
Review surveys and comments
Develop and analyze recommendations
Public meeting – November 2021
Final report - Spring 2022
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METROPOLITAN PLANNING ORGANIZATION

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THANK YOU!



- **Carlene Mullins – Project Manager**
  Carlene.Mullins@h-gac.com
- **Justin Kuzila – Project Planner**
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

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Montgomery County Precinct 2 Mobility Study

Documentation of Virtual Public Meeting #1

Project Location
Montgomery County

Precinct 2

Meeting Location
Zoom

Meeting Date and Time
Thursday, April 22, 2021 at 6:00 PM

Presenters
Carlene Mullins, Project Manager & Principal Planner, Houston-Galveston Area Council
Barbara Koslov, Senior Transportation Manager, Gunda Corporation

Total Number of Attendees
75

Total Number of Commenters
18

Contents

A. Attendees (and Registration) List
B. Flyer
C. Virtual Public Meeting #1 Presentation with Script
D. Table 1. Questions/Answers

Attachment A

Attendees (and Registration) List

Attendance
Total Attendance: 75

Attendee (and Registration) List – Montgomery County Precinct 2 Mobility Study Public Meeting #1

Report Generated: 4/26/2021 17:23

Topic	Webinar ID	Actual Start Time	Actual Duration (minutes)	# Registered	# Cancelled	Unique Viewers	Total Users	Max Concurrent Views
Montgomery County Precinct 2 Mobility Study - Virtual Public Meeting #1	972 0309 0132	4/22/2021 17:19	106	82	1	48	74	41

HOST DETAILS

Attended	User Name (Original Name)	Email	Join Time	Leave Time	Time in Session (minutes)	Country/Region Name
Yes	Gregory Seal	gregory.seal@h-gac.com	4/22/2021 17:19	4/22/2021 19:04	106	United States
Yes	Zoom Administrative function (Gregory Seal)	gregory.seal@h-gac.com	4/22/2021 17:26	4/22/2021 19:04	98	United States

PANELIST DETAILS

Attended	User Name (Original Name)	Email	Join Time	Leave Time	Time in Session (minutes)	Country/Region Name
Yes	Wendy Almanzan	Wendy.almanzan@h-gac.com	4/22/2021 17:55	4/22/2021 19:04	69	United States
Yes	Lokesh Vijayagopal	lvijayagopal@gundacorp.com	4/22/2021 17:47	4/22/2021 19:04	77	United States
Yes	Diane Domagus	diane.domagas@h-gac.com	4/22/2021 18:03	4/22/2021 19:04	61	United States
Yes	Allie Isbell	allie.isbell@h-gac.com	4/22/2021 17:45	4/22/2021 19:04	79	United States
Yes	Carlene Mullins	carlene.mullins@h-gac.com	4/22/2021 17:43	4/22/2021 19:04	81	United States
Yes	Commissioner Charlie Riley	Commissioner.Riley@mctx.org	4/22/2021 17:52	4/22/2021 19:04	72	United States
Yes	admin@visuallanguagepro.com	admin@visuallanguagepro.com	4/22/2021 17:57	4/22/2021 19:04	68	United States
Yes	Justin Kuzila	justin.kuzila@h-gac.com	4/22/2021 17:46	4/22/2021 17:47	2	United States
Yes	Justin Kuzila	justin.kuzila@h-gac.com	4/22/2021 17:47	4/22/2021 19:04	78	United States
Yes	Craig Raborn	craig.raborn@h-gac.com	4/22/2021 17:58	4/22/2021 19:04	67	United States
Yes	Craig Raborn	craig.raborn@h-gac.com	4/22/2021 18:00	4/22/2021 18:45	45	United States
Yes	Barbara Koslov	BKoslov@gundacorp.com	4/22/2021 17:44	4/22/2021 19:04	81	United States
Yes	Neely Kim	neely.kim@h-gac.com	4/22/2021 17:46	4/22/2021 19:04	79	United States
Yes	Catie Reid (Reid)	CReid@gundacorp.com	4/22/2021 17:44	4/22/2021 19:04	80	United States
Yes	Veronica Waller	veronica.waller@h-gac.com	4/22/2021 17:39	4/22/2021 19:04	85	United States
Yes	Mike Burns	mike.burns@h-gac.com	4/22/2021 18:01	4/22/2021 19:04	63	United States

ATTENDEE DETAILS

Attended	User Name (Original Name)	First Name	Last Name	Email	Registration Time	Approval Status	Join Time	Leave Time	Time in Session (minutes)	Country/ Region Name
No	Mary Catherine	Mary Catherine	Francis	mcfrancis@lja.com	4/21/2021 14:55	Approved	--	--	--	
No	Sandy	Sandy	Barton	Sandyb@GreaterMagnoliaParkwayCC.org	4/7/2021 7:02	Approved	--	--	--	
No	James	James	Parisi	James.Parisi@CommonSpirit.org	4/13/2021 12:47	Approved	--	--	--	
No	William	William	Brenza	william.brenza@gmail.com	4/7/2021 6:53	Approved	--	--	--	
Yes	Jessica Shorten	Jessica	Shorten	emcgazette@gmail.com	4/2/2021 8:59	Approved	4/22/2021 18:19	4/22/2021 18:31	12	United States
Yes	Jessica Shorten	Jessica	Shorten	emcgazette@gmail.com			4/22/2021 18:36	4/22/2021 18:53	17	United States
Yes	Steve Hoffart	Steve	Hoffart	steveh@magnoliapharmacy.com	4/15/2021 20:36	Approved	4/22/2021 18:27	4/22/2021 18:56	29	United States
Yes	Sivaji Senapathi	Sivaji	Senapathi	ssenapathi@ehrainc.com	4/22/2021 18:05	Approved	4/22/2021 18:05	4/22/2021 19:04	59	United States
Yes	Katherine Vu	Katherine	Vu	kvu@wga-llp.com	4/22/2021 15:53	Approved	4/22/2021 18:13	4/22/2021 19:04	52	United States
No	Zhiyun	Zhiyun	Wang	mariahw@mectx.com	4/7/2021 8:25	Approved	--	--	--	
Yes	Don Chance	Don	Chance	planocyclist@gmail.com	4/7/2021 6:12	Approved	4/22/2021 17:40	4/22/2021 19:04	84	United States
No	Barbara	Barbara	Adcock	adcockfam1@aol.com	4/16/2021 9:35	Approved	--	--	--	
No	Charles	Charles	Stennis	clstennis@yahoo.com	4/16/2021 9:09	Approved	--	--	--	

ATTENDEE DETAILS

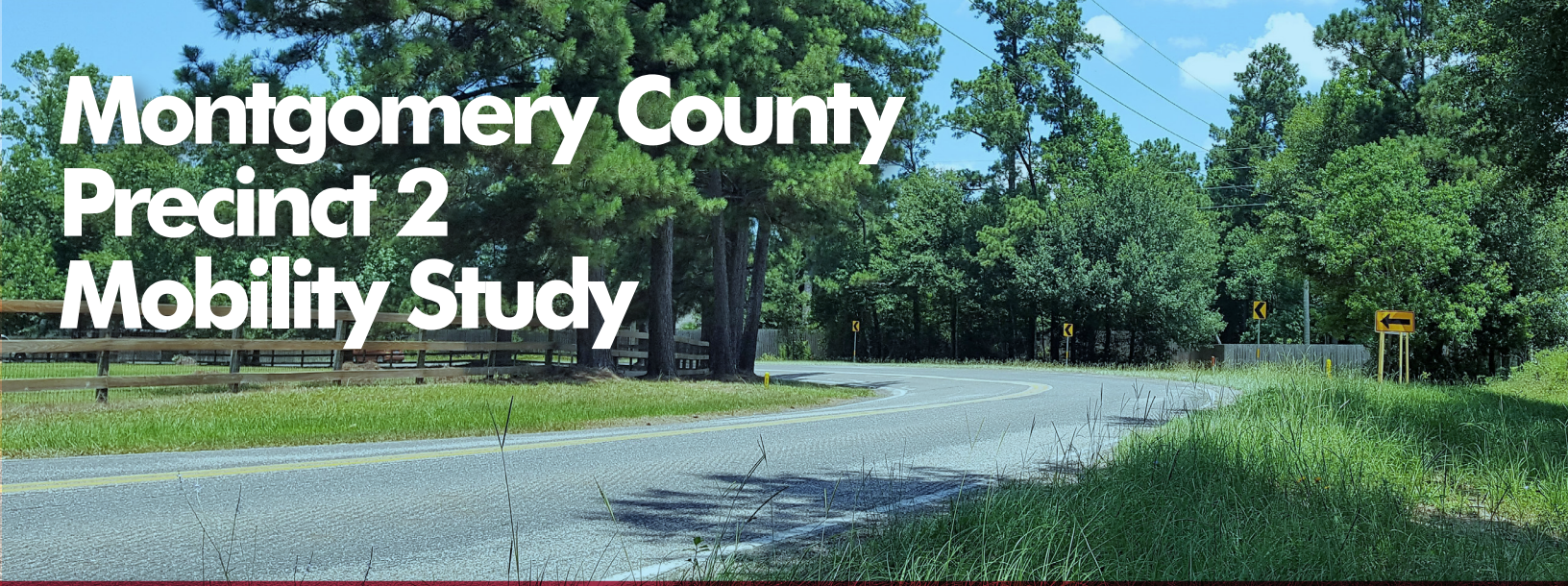
Attended	User Name (Original Name)	First Name	Last Name	Email	Registration Time	Approval Status	Join Time	Leave Time	Time in Session (minutes)	Country/ Region Name
Yes	Patsy	Patsy		yrcrzzy@aol.com	4/22/2021 18:07	Approved	4/22/2021 18:07	4/22/2021 18:54	48	United States
Yes	Jon Samuelson	Jon	Samuelson	JonTSamuelson@gmail.com	3/24/2021 10:45	Approved	4/22/2021 17:56	4/22/2021 19:03	68	United States
Yes	Brent Everson# WMPID	Brent	Everson, WMPID	brent@eversondevelopments.com	4/22/2021 18:00	Approved	4/22/2021 18:00	4/22/2021 19:04	64	United States
Yes	Robert Martin	Robert	Martin	dmmartin6655@sbcglobal.net	4/6/2021 18:01	Approved	4/22/2021 17:51	4/22/2021 18:22	32	United States
Yes	Brandie Shipp	Brandie	Shipp	brandieshipp@yahoo.com	4/22/2021 16:51	Approved	4/22/2021 18:52	4/22/2021 18:52	1	United States
Yes	Pat	Pat		Patsycar@sbcglobal.net	4/22/2021 15:45	Approved	4/22/2021 18:05	4/22/2021 18:24	20	United States
Yes	Jeffrey English	Jeffrey	English	jeffrey.english@txdot.gov	4/14/2021 10:43	Approved	4/22/2021 17:50	4/22/2021 17:53	3	United States
Yes	Jeffrey English	Jeffrey	English	jeffrey.english@txdot.gov			4/22/2021 17:53	4/22/2021 18:50	58	United States
No	Melissa	Melissa	Gatlin	gordon@tmid.net	4/21/2021 20:13	Approved	--	--	--	
Yes	Greg S	Greg	S	10centlemonade@gmail.com	4/22/2021 17:12	Approved	4/22/2021 17:19	4/22/2021 19:04	105	United States
Yes	John Kennedy	John	Kennedy	thekennedys35@comcast.net	4/22/2021 17:51	Approved	4/22/2021 17:53	4/22/2021 19:04	71	United States
Yes	Merissa Holliday	Merissa	Holliday	Merissa.holliday@h-gac.com	4/22/2021 17:52	Approved	4/22/2021 17:58	4/22/2021 18:46	48	United States
No	Ruthanne	Ruthanne	Haut	rhaut@thewoodlandstownship-tx.gov	4/6/2021 13:13	Approved	--	--	--	
No	Amy	Amy	Albrecht	amyshepp@gmail.com	4/22/2021 6:45	Approved	--	--	--	
No	Bob	Bob	Rogers	drbobdvm@outlook.com	4/18/2021 18:28	Approved	--	--	--	
Yes	Bill Bass	Bill	Bass	bbass@harcresearch.org	4/22/2021 8:05	Approved	4/22/2021 17:38	4/22/2021 17:47	9	United States
Yes	Bill Bass	Bill	Bass	bbass@harcresearch.org			4/22/2021 17:57	4/22/2021 18:10	14	United States
Yes	Bill Bass	Bill	Bass	bbass@harcresearch.org			4/22/2021 18:11	4/22/2021 19:04	54	United States
Yes	Meagan Coughlin	Meagan	Coughlin	mbcoughlin8@gmail.com	4/22/2021 18:08	Approved	4/22/2021 18:08	4/22/2021 18:44	36	United States
Yes	Ryan Londeen	Ryan	Londeen	rlondeen@halff.com	4/6/2021 14:17	Approved	4/22/2021 17:56	4/22/2021 19:04	68	United States
No	Lauren	Lauren	Munn	Leonewyork@hotmail.com	3/24/2021 22:09	Approved	--	--	--	
No	Thomas	Thomas	Mardik	tmardik@gmail.com	4/21/2021 10:01	Approved	--	--	--	
No	Ana	Ana	Cosio	scubamom1234@hotmail.com	4/7/2021 17:16	Approved	--	--	--	
Yes	Wu Ying	Wu	Ying	wu.ying@aecom.com	4/12/2021 14:55	Approved	4/22/2021 17:58	4/22/2021 19:02	64	United States
Yes	Thomas Woolley	Thomas	Woolley	highwayman2016@yahoo.com	4/22/2021 17:59	Approved	4/22/2021 17:59	4/22/2021 19:04	65	United States
Yes	Callie Barnes	Callie	Barnes	callie.barnes@blantonassociates.com	4/22/2021 13:33	Approved	4/22/2021 17:57	4/22/2021 19:04	67	United States
Yes	Ramesh Gunda	Ramesh	Gunda	rgunda@gundacorp.com	4/19/2021 17:22	Approved	4/22/2021 17:55	4/22/2021 19:04	70	United States
Yes	Kristina Michel	Kristina	Michel	kristina.michel@h-gac.com	3/29/2021 17:22	Approved	4/22/2021 17:57	4/22/2021 19:04	67	United States
No	Elliott	Elliott	Gabriel	elliottwgabriel@gmail.com	4/16/2021 9:17	Approved	--	--	--	
Yes	Brandy George	Brandy	George	brandy.george@h-gac.com	4/22/2021 17:58	Approved	4/22/2021 17:58	4/22/2021 18:53	56	United States
Yes	Jean Teague	Jean	Teague	jeanteague@gmail.com	4/7/2021 7:52	Approved	4/22/2021 17:57	4/22/2021 18:05	9	United States
Yes	Jean Teague	Jean	Teague	jeanteague@gmail.com			4/22/2021 18:04	4/22/2021 18:05	1	United States
Yes	Jean Teague	Jean	Teague	jeanteague@gmail.com			4/22/2021 18:06	4/22/2021 19:04	58	United States
No	Robert	Robert	Martin	rebobmartin@att.net	4/6/2021 16:58	Approved	--	--	--	
Yes	Greg S	Greg	S	grgboy64@gmail.com	4/22/2021 17:23	Approved	4/22/2021 17:23	4/22/2021 17:25	2	United States
No	Heather	Heather	Ramsey Cook	hcook@sjra.net	4/19/2021 8:12	Approved	--	--	--	
Yes	Mary Wedig	Mary	Wedig	miatamary@yahoo.com	4/16/2021 13:02	Approved	4/22/2021 17:48	4/22/2021 18:49	61	United States
Yes	Griffin Smith	Griffin	Smith	moco.pct2.mobility@griffintx.fastmail.net	4/21/2021 12:08	Approved	4/22/2021 17:58	4/22/2021 18:01	3	United States
Yes	Griffin Smith	Griffin	Smith	moco.pct2.mobility@griffintx.fastmail.net			4/22/2021 18:01	4/22/2021 18:06	5	United States
Yes	Victoria Bryant	Victoria	Bryant	vbryant@hcp4.net	4/22/2021 17:54	Approved	4/22/2021 17:55	4/22/2021 19:04	69	United States
Yes	Thomas Gray	Thomas	Gray	thomas.gray@h-gac.com	4/22/2021 18:00	Approved	4/22/2021 18:00	4/22/2021 19:04	64	United States
No	Miguel Oscar	Miguel Oscar	Quintero	MiguelOscar@Comcast.net	4/7/2021 12:30	Approved	--	--	--	
No	Kimberly	Kimberly	Benson	kimberlycarlson8@hotmail.com	4/22/2021 18:37	Approved	--	--	--	
No	Arto	Arto	Keklikian	arto.keklikian@ncc-ccn.ca	4/19/2021 17:22	Approved	--	--	--	
No	Philip	Philip	Schumpe	Philipschumpe@consolidated.net	4/3/2021 8:32	Approved	--	--	--	
Yes	CT Gooding	CT	Gooding	ctgooding@gmail.com	4/12/2021 14:06	Approved	4/22/2021 18:01	4/22/2021 18:55	55	United States
Yes	CT Gooding	CT	Gooding	ctgooding@gmail.com			4/22/2021 18:53	4/22/2021 19:04	12	United States
Yes	Judy Bush	Judy	Bush	Cheneybush149@gmail.com	4/20/2021 9:24	Approved	4/22/2021 18:01	4/22/2021 19:04	63	United States
Yes	Eliza Paul	Eliza	Paul	Eliza.paul@txdot.gov	4/22/2021 18:11	Approved	4/22/2021 18:11	4/22/2021 18:26	15	United States
No	Linda	Linda	Berger	lindakienzle@att.net	4/2/2021 11:52	Approved	--	--	--	

ATTENDEE DETAILS

Attended	User Name (Original Name)	First Name	Last Name	Email	Registration Time	Approval Status	Join Time	Leave Time	Time in Session (minutes)	Country/ Region Name
Yes	Sheldon Machinsky	Sheldon	Machinsky	Smachinsky@ljasurvey.com	4/20/2021 9:25	Approved	4/22/2021 18:05	4/22/2021 18:24	19	United States
No	Amanda	Amanda	Wood	amanda@availmarketing.guru	4/8/2021 6:37	Approved	--	--	--	
Yes	JoDell Whitehead	JoDell	Whitehead	jodellwhitehead@gmail.com	4/15/2021 10:56	Approved	4/22/2021 17:56	4/22/2021 19:01	65	United States
Yes	John Escoto	John	Escoto	john.escoto@gmail.com	4/22/2021 12:37	Approved	4/22/2021 17:59	4/22/2021 18:56	57	United States
No	Diana	Diana	Foss	diana.foss@tpwd.texas.gov	4/6/2021 14:15	Approved	--	--	--	
No	Eric	Eric	Ransom	eransom@stlukeshealth.org	4/15/2021 16:56	Approved	--	--	--	
No	Kelly A.	Kelly A.	McDonald	KellyMcDonald@Magnoliaisd.org	4/21/2021 8:32	Approved	--	--	--	
No	Julie	Julie	Davis	julie@hopes-bridge.org	4/19/2021 9:55	Approved	--	--	--	
Yes	Tom Grayson	Tom	Grayson	t.grayson@westwoodmpid.org	4/13/2021 10:29	Approved	4/22/2021 17:48	4/22/2021 19:04	77	United States
Yes	Anna Lotz	Anna	Lotz	alotz@communityimpact.com	4/19/2021 9:44	Approved	4/22/2021 17:59	4/22/2021 18:46	48	United States
Yes	Marlisa Briggs	Marlisa	Briggs	marlisa.briggs@north-houston.com	4/22/2021 18:01	Approved	4/22/2021 18:01	4/22/2021 18:43	42	United States
No	Todd	Todd	Stephens	tstephens@thewoodlandstownship-tx.gov	4/12/2021 11:45	Approved	--	--	--	
No	COLBY	COLBY	WRIGHT	cwright@jonescarter.com	4/6/2021 19:50	Approved	--	--	--	
No	Shervin	Shervin	Fard	shervin1353@yahoo.com	4/6/2021 14:10	Approved	--	--	--	
Yes	Carl Gerhardt	Carl	Gerhardt	gerhardtce@att.net	4/15/2021 8:36	Approved	4/22/2021 17:53	4/22/2021 19:04	72	United States
Yes	Anita McLaurin	Anita	McLaurin	anita.mclaurin@ridemetro.org	4/20/2021 8:55	Approved	4/22/2021 18:01	4/22/2021 19:04	64	United States
Yes	Shirley Li	Shirley	Li	sli@h-gac.com	4/22/2021 18:37	Approved	4/22/2021 18:37	4/22/2021 19:04	27	United States
No	Tana	Tana	Ross	tross@cityofmagnolia.com	4/13/2021 9:32	Approved	--	--	--	
No	James	James	Harlow	Harlowjames18@gmail.com	4/19/2021 14:59	Approved	--	--	--	
Yes	Charlie Landrum	Charlie	Landrum	rcland@swbell.net	4/22/2021 16:46	Approved	4/22/2021 18:25	4/22/2021 19:04	40	United States
Yes	Doug Cashmore	Doug	Cashmore	amecnet59@gmail.com	4/22/2021 16:42	Approved	4/22/2021 18:00	4/22/2021 18:50	50	United States
Yes	Michael Feeney	Michael	Feeney	michael.feeney@kimley-horn.com	4/22/2021 11:29	Approved	4/22/2021 17:59	4/22/2021 19:04	65	United States
Yes	Michael Keck	Michael	Keck	mdkeck@gmail.com	4/2/2021 11:43	Approved	4/22/2021 18:13	4/22/2021 19:04	51	United States
No	Cathy	Cathy	D'Arche	Cdarche@landtech-inc.com	4/19/2021 17:03	Approved	--	--	--	
No	John	John	Powers	jpowers@thewoodlandstownship-tx.gov	4/21/2021 15:53	Approved	--	--	--	
Yes	Mike Burns	Mike	Burns	mike.burns@h-gac.com	4/22/2021 17:36	Approved	4/22/2021 17:36	4/22/2021 18:01	26	United States
Yes	Steven Muir	Steven	Muir	smuir@conroeisd.net	4/22/2021 13:07	Approved	4/22/2021 17:47	4/22/2021 19:02	76	United States
No	David	David	Holsey	daveholsey@comcast.net	4/21/2021 19:03	Cancelled By Self	--	--	--	

Attachment B

Flyer



Montgomery County Precinct 2 Mobility Study

VIRTUAL PUBLIC MEETING – APRIL 22, 2021

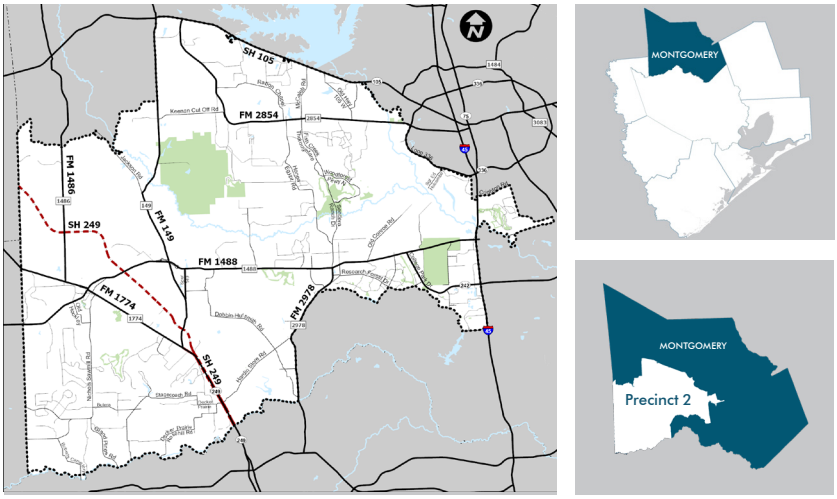
Residents, and area employees living or working in Montgomery County Precinct 2 are invited to a virtual public meeting on **April 22, 2021**.

Montgomery County Precinct 2, H-GAC, and TxDOT are working together to identify and analyze the mobility issues in and adjacent to the study area. The study will result in short, medium, and long-range recommendations to address the identified mobility issues.

The goal of this meeting is to receive input on the mobility issues in the study area.

The meeting will consist of a brief presentation followed by a question and answer session.

PROJECT STUDY AREA



Magnolia is located within study area. Portions of Montgomery, Conroe, Shenandoah, and The Woodlands are located within the study area.

Thursday, April 22, 2021, 6:00 p.m.

The meeting will be held online via Zoom with dial in by phone options. Please register to attend at **engage.h-gac.com**.

FOR MORE INFORMATION

Visit **engage.h-gac.com** or scan the QR code below to learn more about the meeting topics.

GET INVOLVED

Visit **engage.h-gac.com** learn more about the project, participate in a survey, and comment on an interactive map through **May 14, 2021**.

- EMAIL: **PublicComments@h-gac.com**
- PHONE: **1-855-363-2516**
- MAIL:

  Montgomery County Precinct 2 Mobility Study
  P.O. Box 22777
  Houston, TX 77227-2777

H-GAC will provide a Spanish translator and an American Sign Language interpreter for the hearing impaired.

engage.h-gac.com

Houston-Galveston Area Council

Attachment C

Virtual Public Meeting#1 Presentation with Script

Montgomery County Precinct 2 Mobility Study
Virtual Public Meeting #1 Presentation Summary

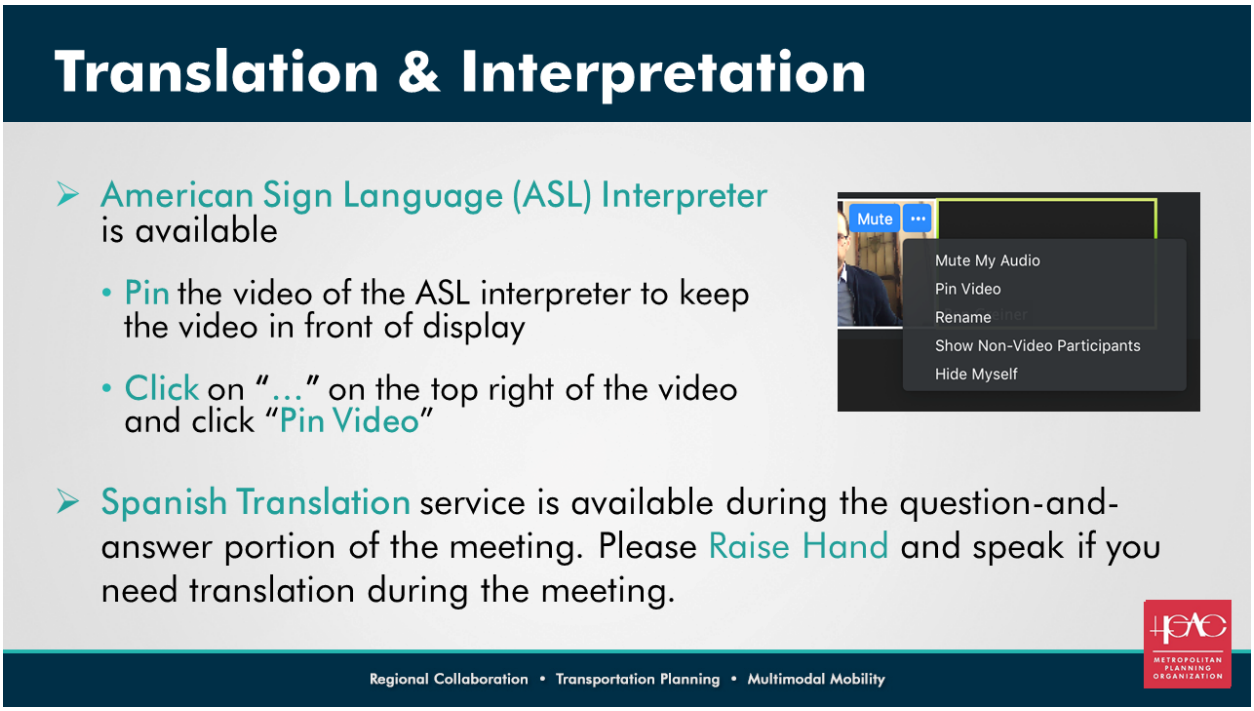


Carlene Mullins (H-GAC) - I am the Project Manager for the Montgomery Count Precinct 2 Mobility Study. The reason for the Public Meeting is to present information received so far and to gather additional input on where the mobility issues are in Precinct 2. There will be a presentation first, then a question and answer session after that.

Welcome to the Montgomery County Precinct 2 Public Meeting. My name is Carlene Mullins, Principal Transportation Planner with the Houston-Galveston Area Council, also known as H-GAC. For those of you who are not familiar with H-GAC, H-GAC is the federally designated metropolitan planning organization for this 8-county Houston-Galveston metropolitan region. The agency coordinates the short- and long-range transportation planning activities and decides how federal transportation dollars are spent within this region.

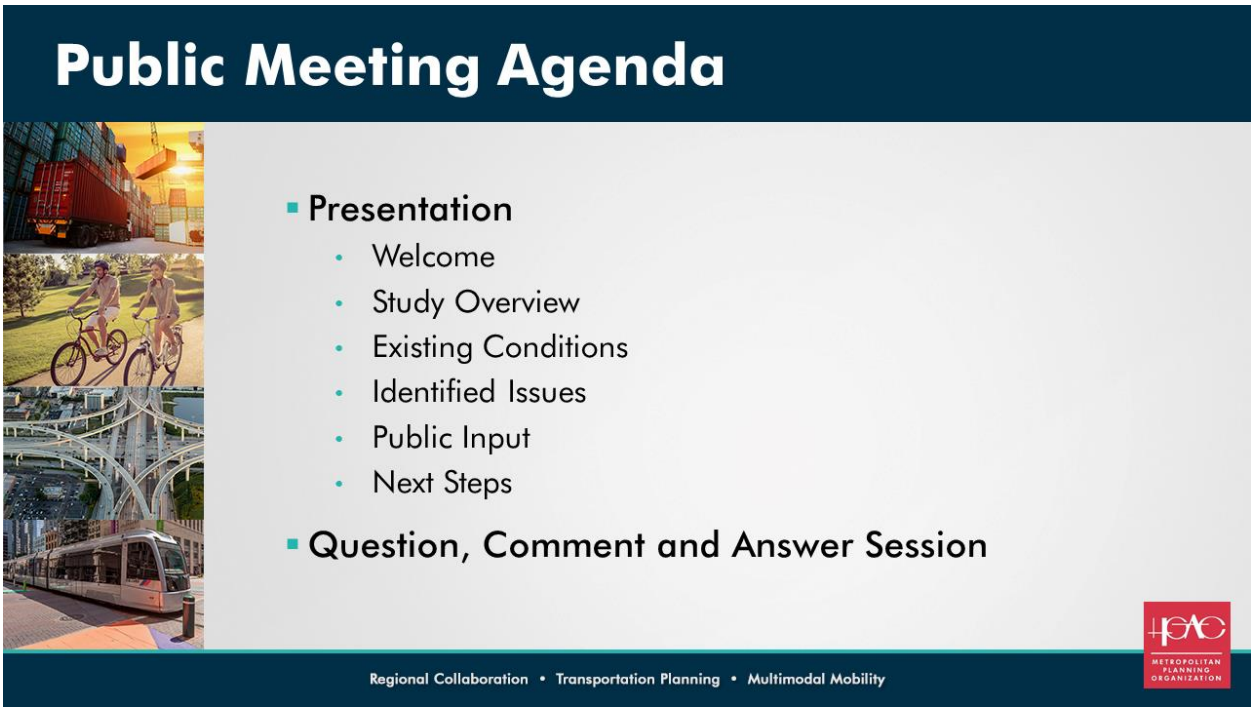
The public meetings are usually held in person and you would have map to draw on but due to COVID-19 we are meeting virtually. There is a survey and an interactive comment map that we would like for you to complete, I will tell you how find those tools later in the presentation. This meeting is being recorded and the video will be posted to project website.

Also, if you have a question during the presentation, please type it in the chat box.



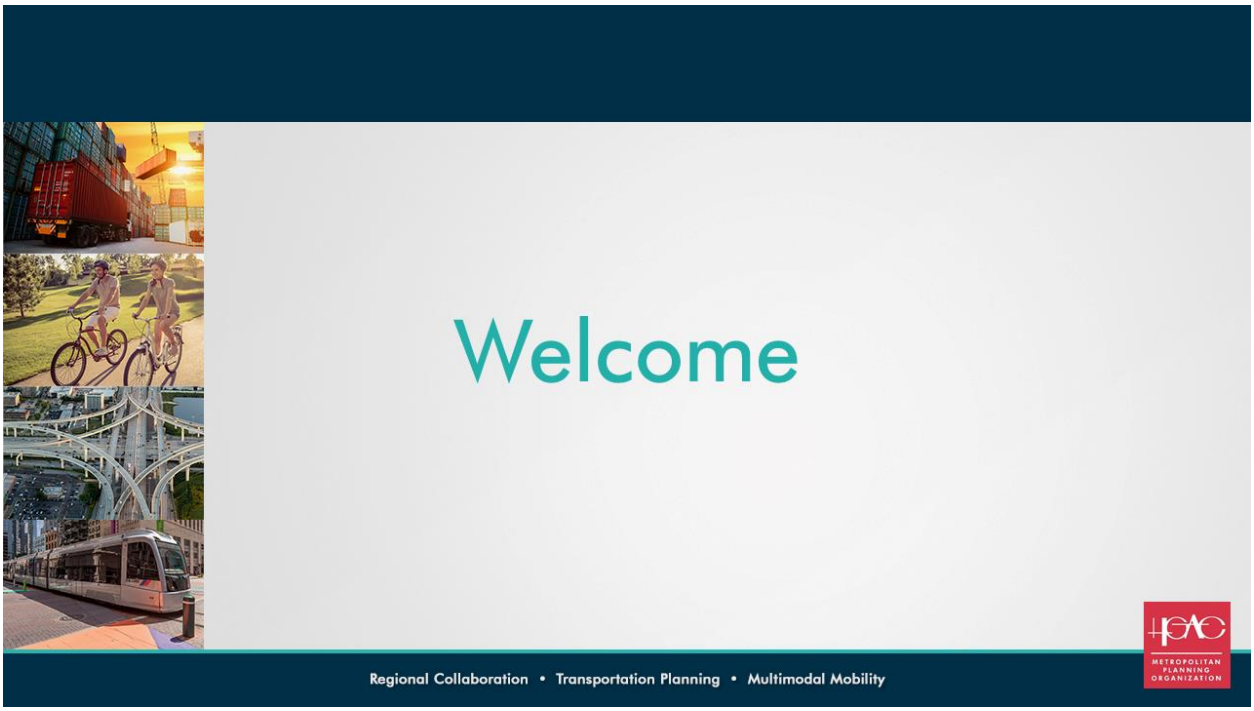
Carlene Mullins (H-GAC) - During this meeting an American Sign Language translator is being provided during the presentation. You may be able to view the ASL translator on the presentation screen, if not, directions on the screen on how to pin the interpreter on the video display is shown on the slide.

A Spanish translator will be provided during the Q&A segment of the presentation.



Carlene Mullins (H-GAC) - This meeting will consist of two parts. The first part is the presentation, the study team will present an overview of the study, review the existing conditions, share the transportation issues that have been identified thus far, review public input process and go over the next steps.

The second half of this meeting is a live question, comment, and answer session. This is your opportunity to tell us where the mobility issues are in the study area. Your input will ensure that the team understands the issue traveling in and around the area.


Welcome
Regional Collaboration • Transportation Planning • Multimodal Mobility
METROPOLITAN PLANNING ORGANIZATION



Carlene Mullins (H-GAC) - Montgomery County Precinct 2 Commissioner Charlie Riley and H-GAC established a partnership to conduct this mobility study. The goal of the study is to address the current and future transportation issues. The Study will result in a transportation plan that will recommend short-, medium- and long-range transportation projects that will be implemented as funding becomes available.

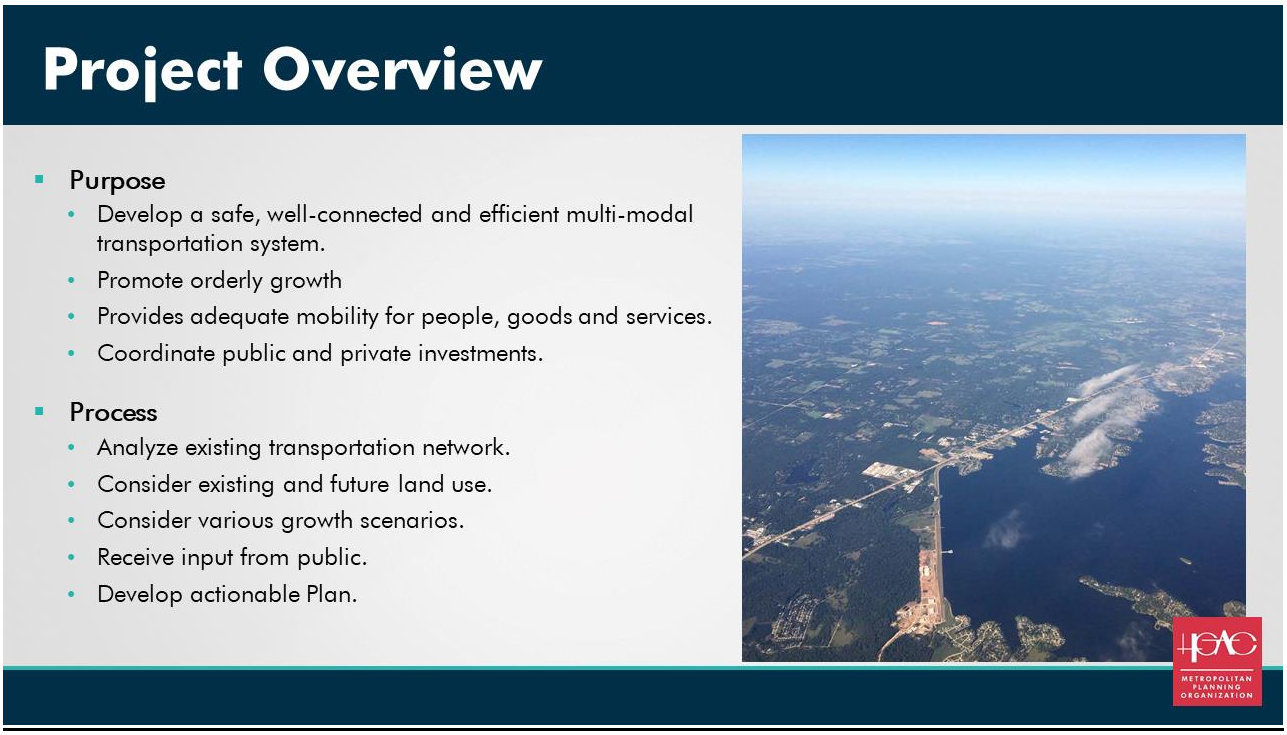
I'd like to recognize a few people that are assisting in the development of the plan. First, I'd like to recognize Commissioner Charlie Riley. Without him, this study would not be taking place. He realized that the development in and around the State Highway 249 Tollway would be tremendous and that the Precinct would need a mobility plan to develop a transportation network to serve not only the existing residents but future residents.

The Steering Committee is composed 19 representatives from the study area. These individuals represent the entities shown on the screen along with a several of long-term residents. This committee has assisted in developing the vision and goals, identified transportation issues, and will assist during the next phase of the study in developing and prioritizing the improvement options.

The Project Team consist of H-GAC staff from the regional planning, communications and travel demand forecasting. The Consultant team lead by Lokesh Vijayagopal from Gunda Corporation. Lokesh is leading a team of engineers, planners, and data analysis experts to assist with data collection and development of alternatives to address the identified issues.

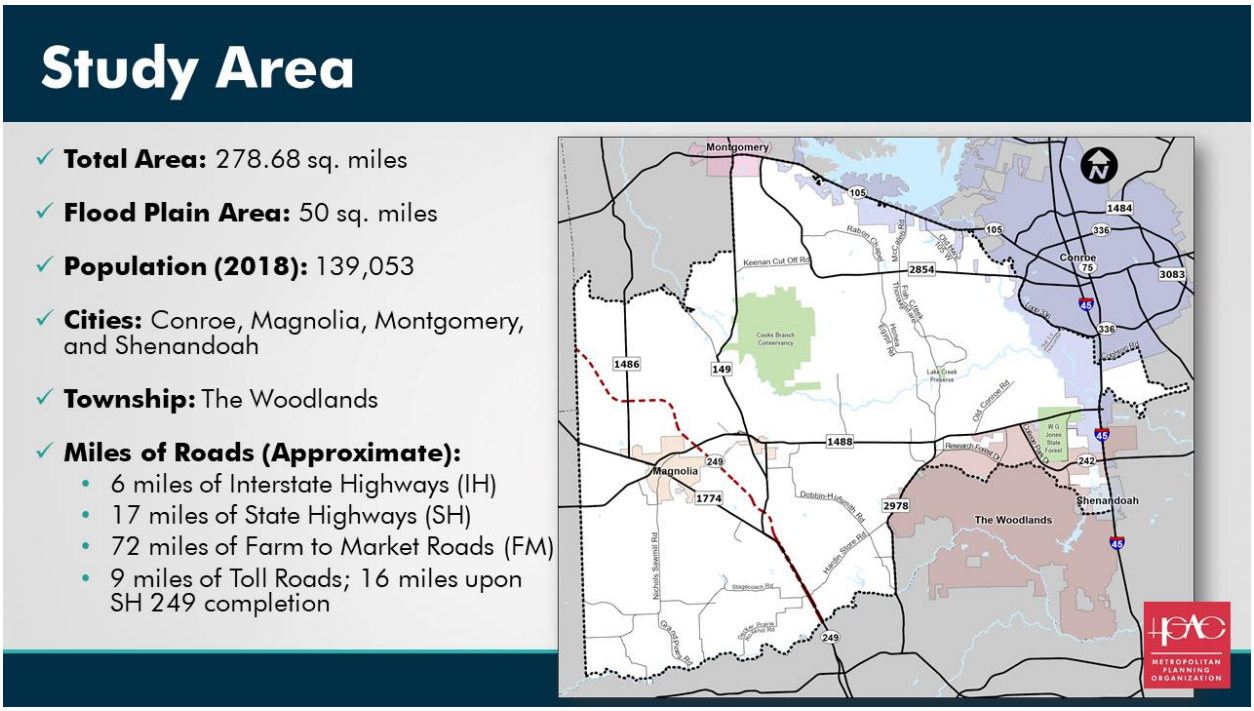


Carlene Mullins (H-GAC) - Now I'd like to introduce Barbara Koslov, a Senior Transportation Consultant from the Gunda Corporation. Barbara will present an overview of the study, review the existing conditions and present the major issues that have been identified thus far.

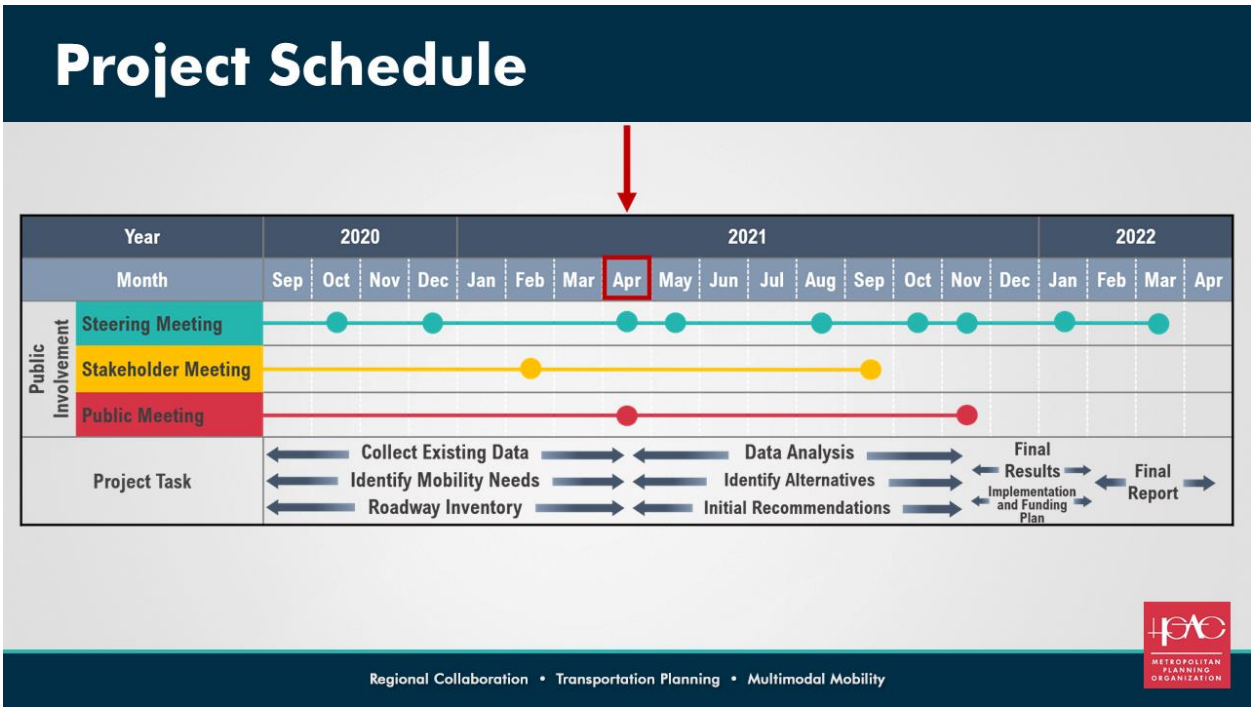


Barbara Koslov (Gunda Corporation) - Thank you all for joining us today as we discuss the Precinct 2 Mobility Study. The purpose of this study is to, develop a safe, well-connected and efficient multi-modal transportation system, promote orderly growth, provide adequate mobility for people, goods and services and coordinate public and private investments.

We've developed the process for going through the study and coming up with results. First, we are analyzing the transportation network and existing conditions data. We will consider existing and future land use that impacts mobility, consider various growth scenarios. We will receive input from the public. We are looking forward to visiting with you and getting your input. Then we will develop an actual plan that makes sense for this Precinct.



Barbara Koslov (Gunda Corporation) - The study area for Precinct 2 is defined on the map. The dotted black lines outline Precinct 2 – mostly the white area. We've identified some of the major thoroughfares in the Precinct. We've identified the Cook's Branch Conservancy, the WG Jones Forest and some of the green space. We also have Lake Creek running through the middle. We show the dotted line for SH 249. There is a lot of white so there is some area where additional thoroughfares and roadway could be implemented. Precinct 2 consists of Magnolia which is to the western part of the Precinct. We also have portions of Montgomery, Conroe, Shenandoah and The Woodlands so there is a lot happening in Precinct 2.



Barbara Koslov (Gunda Corporation) - The project schedule – this is an 18-month study. We got started in September of 2020. Prior to meeting with you we collected our data, conducted a roadway inventory and identified some of the mobility needs. Now we want to get some information from you – do our data analysis. We will come up preliminary findings and recommendations and meet with you again (2nd time) in the Fall of 2021. Your input will help us refine some of our recommendations and then we will prepare a final report which will be completed in March or April of 2022.

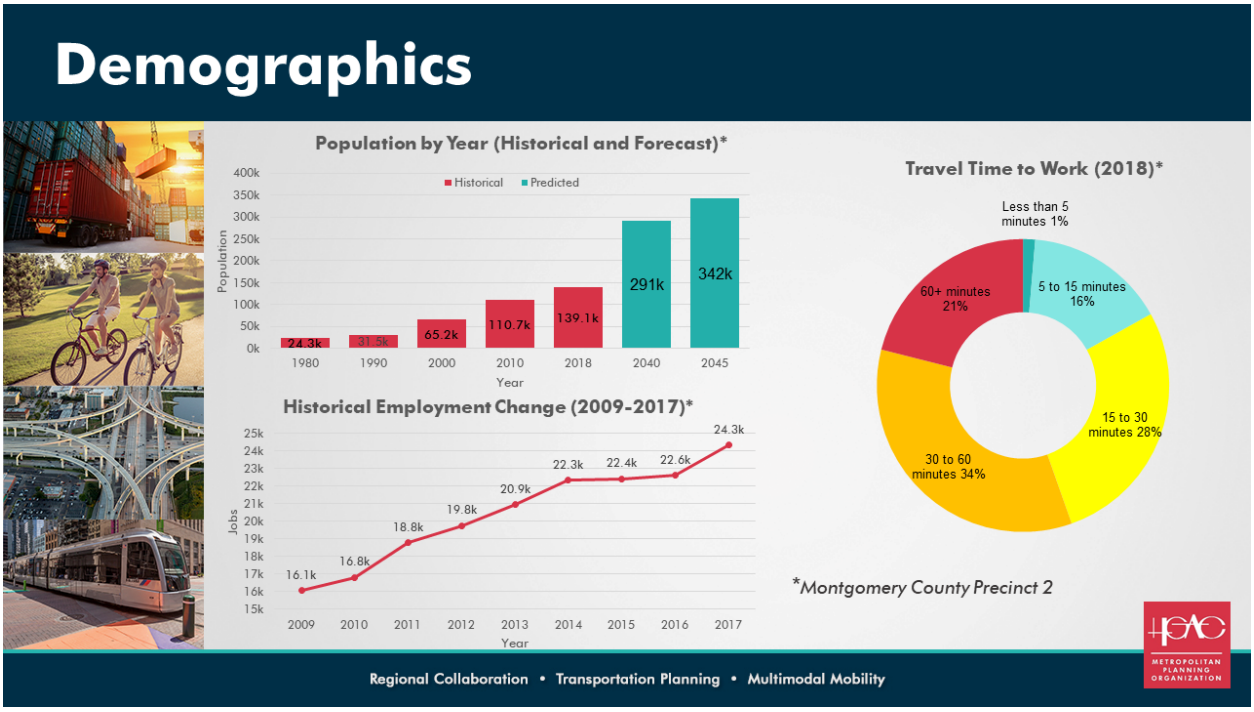


Barbara Koslov (Gunda Corporation) - Our vision is to develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.



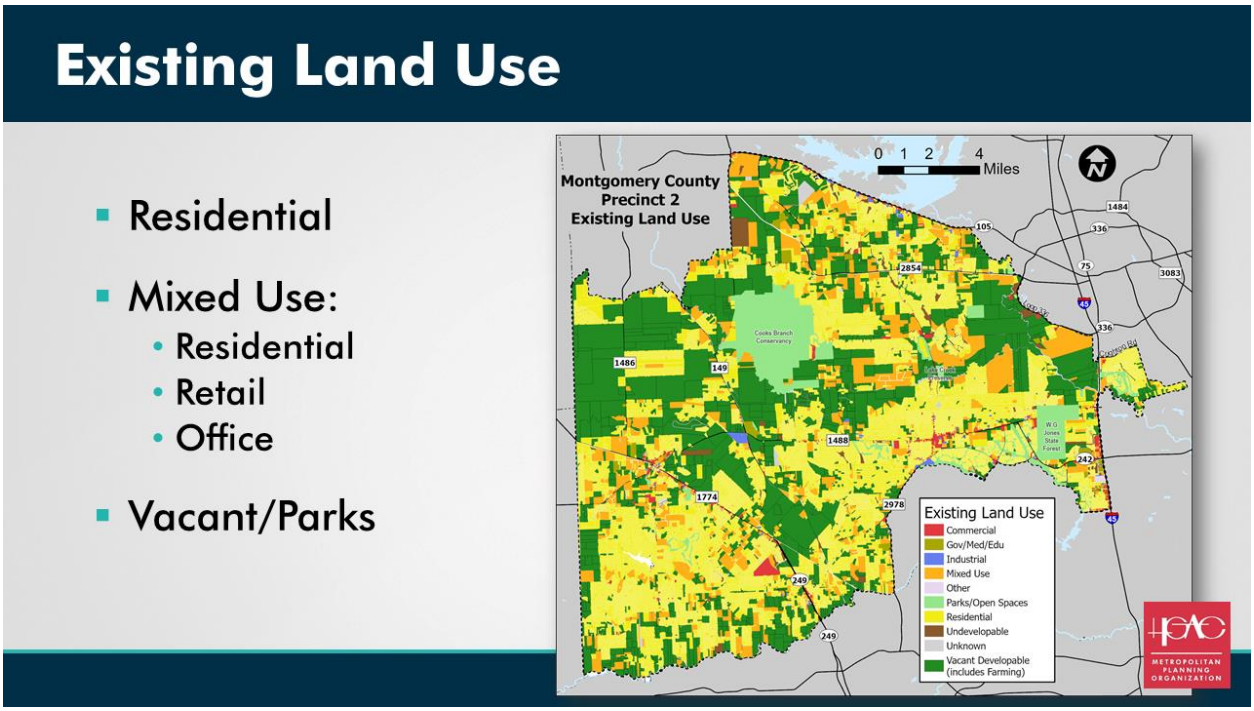
Barbara Koslov (Gunda Corporation) - The goals include improving safety (note: #1 priority). We also want to achieve and maintain a state of good repair; remove people and goods efficiently; strengthen regional economic competitiveness; and conserve/protect natural and cultural resources.



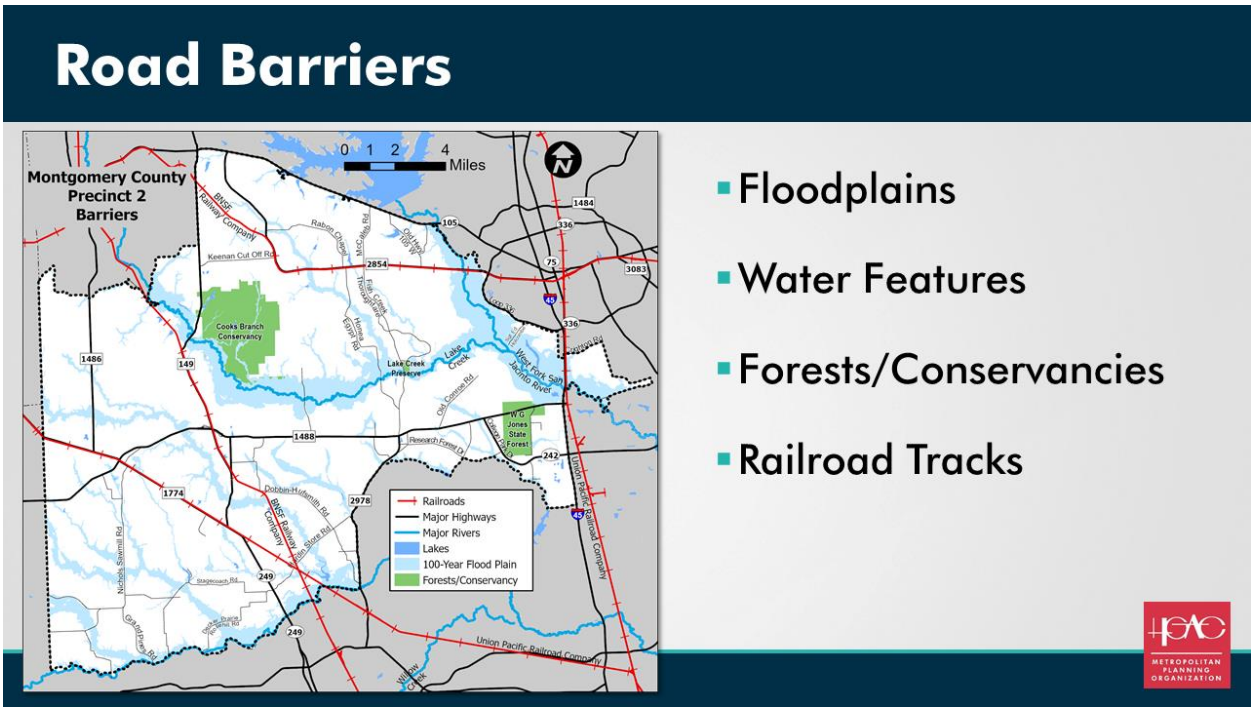


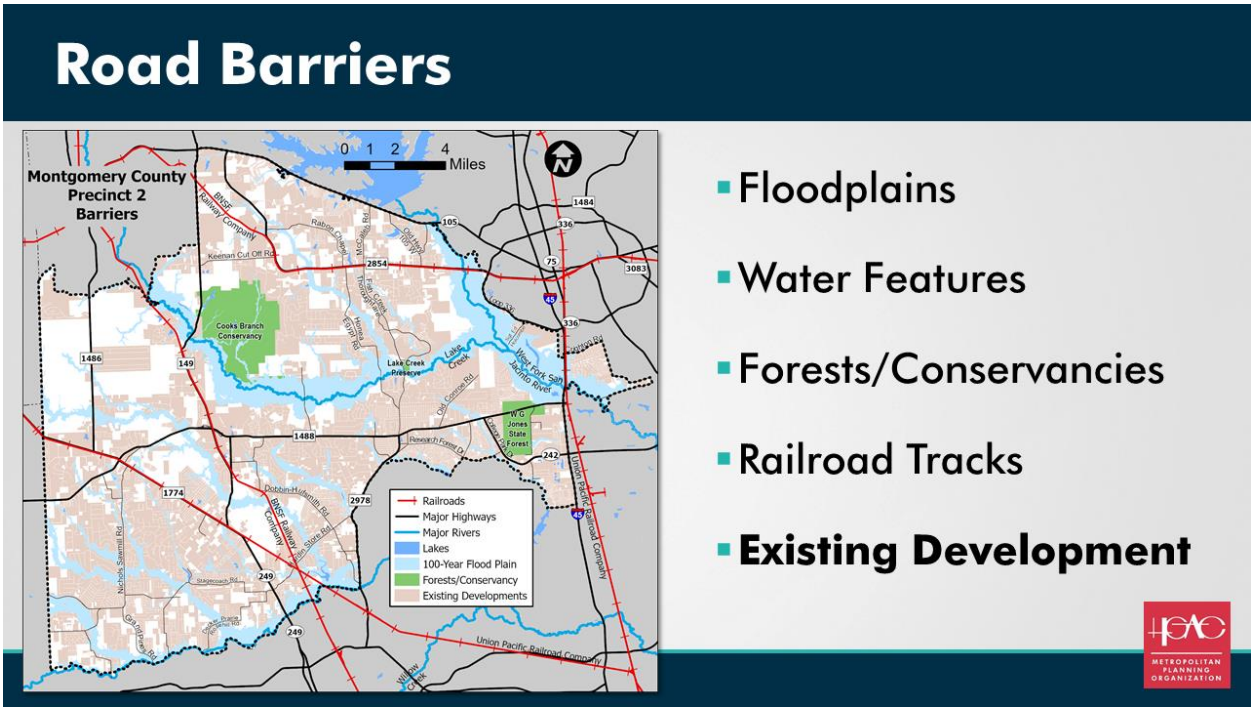
Barbara Koslov (Gunda Corporation) - The next slides are existing conditions slides – first demographics. The top left graphic deals with population. The population has continued to grow for the 40 years. The population is projected to double between 2018 and 2040. Between 2040 and 2045 another 50,000 residents are expected to be living in Precinct 2. The same is true for employment. Just recently between 2016 and 2017 there was a sharp increase in employment so both population and employment are growing.

The graphic on the right represents travel time to work. This shows how long it takes residents in Precinct 2 to get to their place of employment. Over 50% of the residents in Precinct 2 are traveling more than 30 minutes to get to their workplace. And 21% of those are traveling over an hour to get to work. We want to see those travel patterns and what might be causing these long travel trips…we will consider if it distance, congestion, etc. during our analysis.



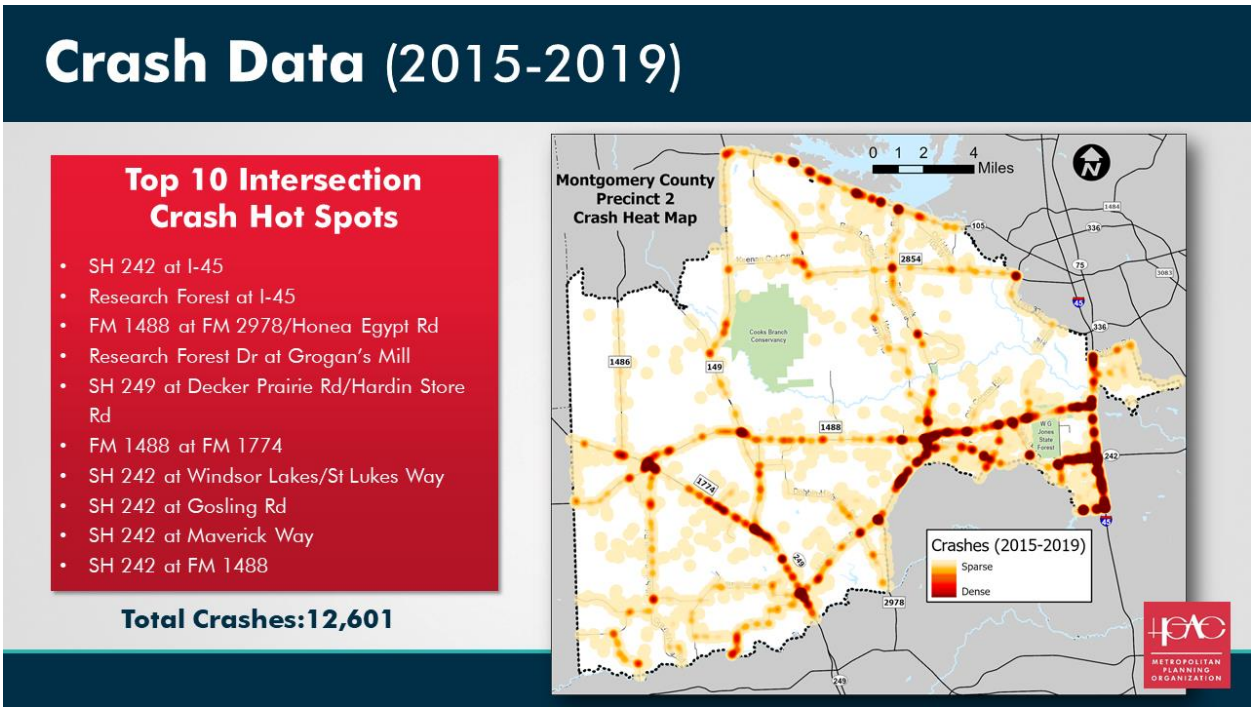
Barbara Koslov (Gunda Corporation) - A big portion of this map is covered in yellow and yellow is residential. The big green blocks is vacant land and developable land. The lighter green shows some of the recreational areas like Cooks Branch Conservancy. The orange is mixed use development - that is where there is residential, commercial, medical and maybe educational, etc. - so it's easier to connect and get around more efficiently. The Grand Park Central area is mixed use. The area around FM 1488 and FM 149 will be the new Magnolia Village area and we will see more mixed use occurring.





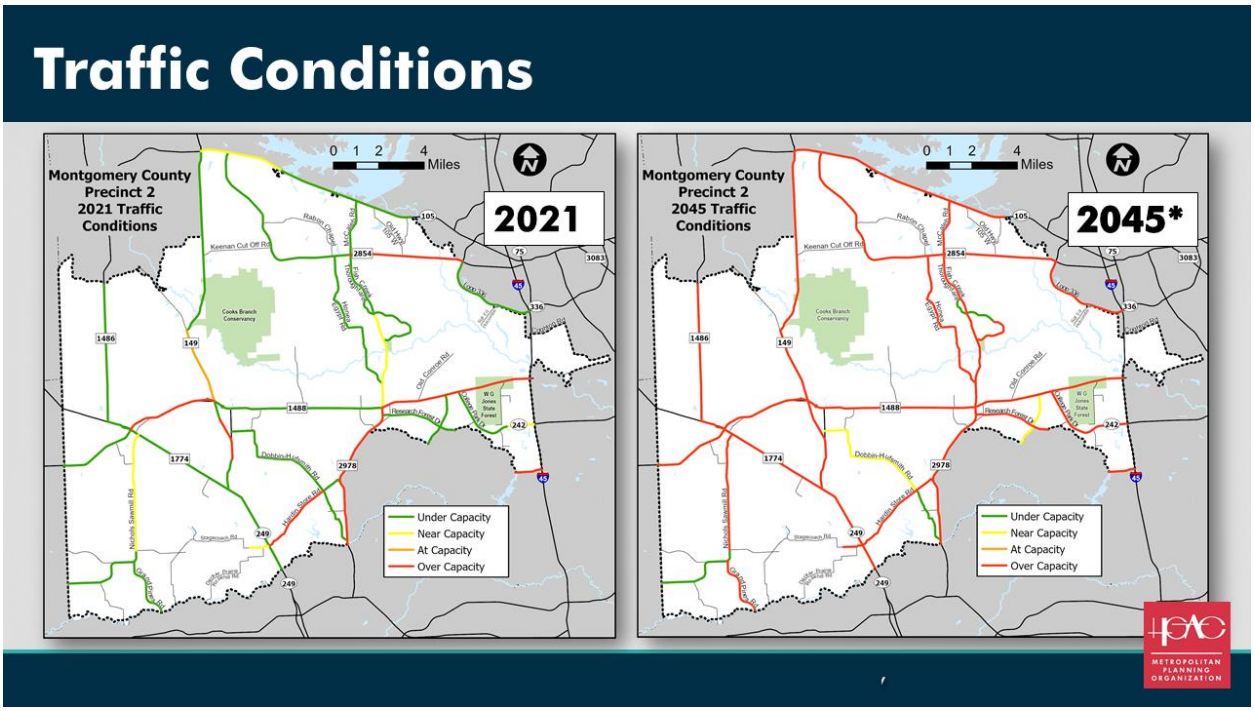
Barbara Koslov (Gunda Corporation) - Other existing conditions are barriers. These might be impediments to connecting road, making routes less circuitous. Some barriers are natural like the floodplain, water features, forests and conservancies. Some are man-made like railroad tracks. BNSF and Union Pacific have tracks running through Precinct 2. There is a lot of existing developments. We will conduct more research

and analysis and a coordinated effort to make sure we can connect where we need. For example, we might need a grade separation over a railroad track.

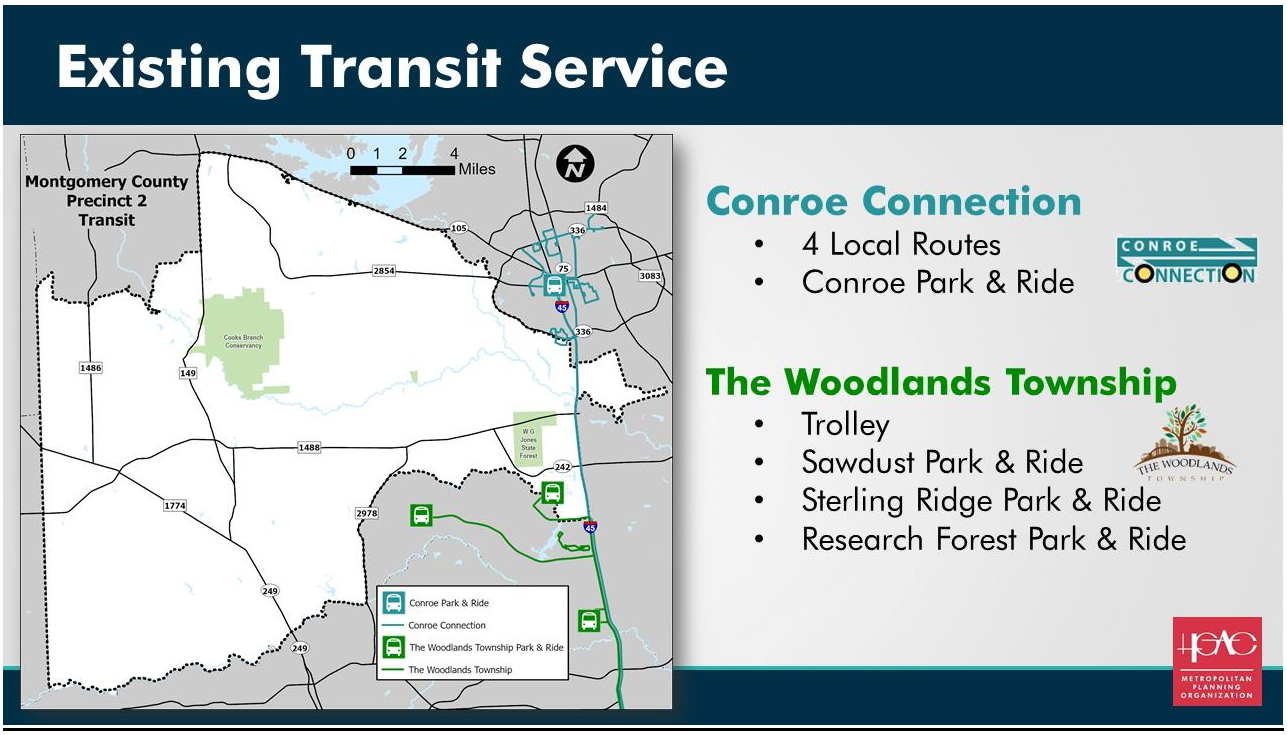


Data Source: TxDOT CRIS Database

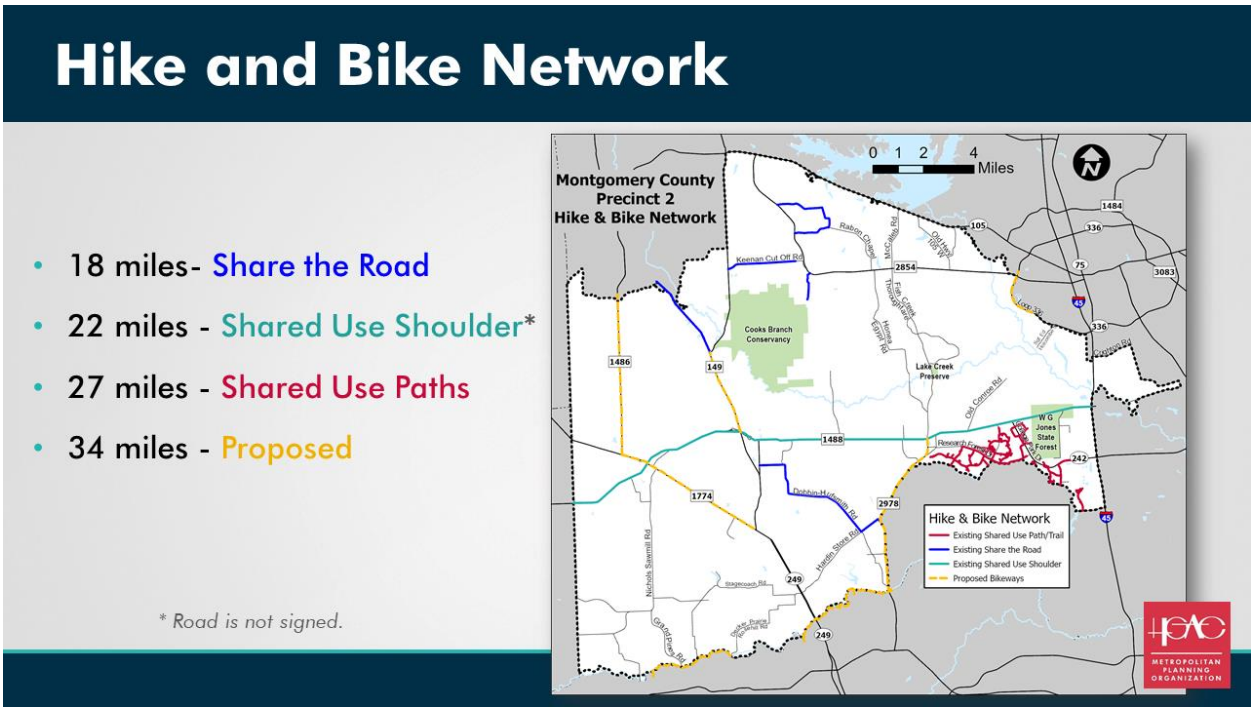
Barbara Koslov (Gunda Corporation) - As I mentioned earlier, safety is a #1 priority. You'll see the list on the left where the top 10 crash locations are – where reoccurring accidents have occurred. On the right you'll see a heat map…where the darker circles show where there is a greater propensity of accidents occurring on those roadways. There are a lot of accidents on I-45 and SH 242, near the intersection of FM 2978 and FM 1488. There are high number accidents on SH 249 which could be related to construction occurring there. This study will look at some of the critical areas where accidents are occurring. Between 2015 and 2019 there were 12,601 accidents. Luckily only 1% (about 126) included a fatality. We know 70% of the crashes had no injuries at all. Not all crashes were vehicle-to-vehicle crashes. There were also some single vehicle crashes. There were incidents where there were bicyclists and pedestrians who were killed because of a crash. So, we will look at this information to analyze options for logical improvements to make the roadways and intersections safer.



Barbara Koslov (Gunda Corporation) - There are 2 maps. The one on the left is maps for 2021 travel data and this is data we just collected for this study. We use the terminology called under, near, at and over capacity. If there are more cars traveling on a roadway than what it was designed for, then the road would be over capacity. The lines in red represent over capacity and that's already occurring – on FM 1488, FM 2978 and a portion of FM 2854. A portion of FM 149 is at capacity and it will go over capacity soon. In 2045, every thoroughfare in Precinct 2 is red. This is not sustainable. We will look at all the congestion and determine if the issue is a lack of capacity, or roads not operating well, etc.



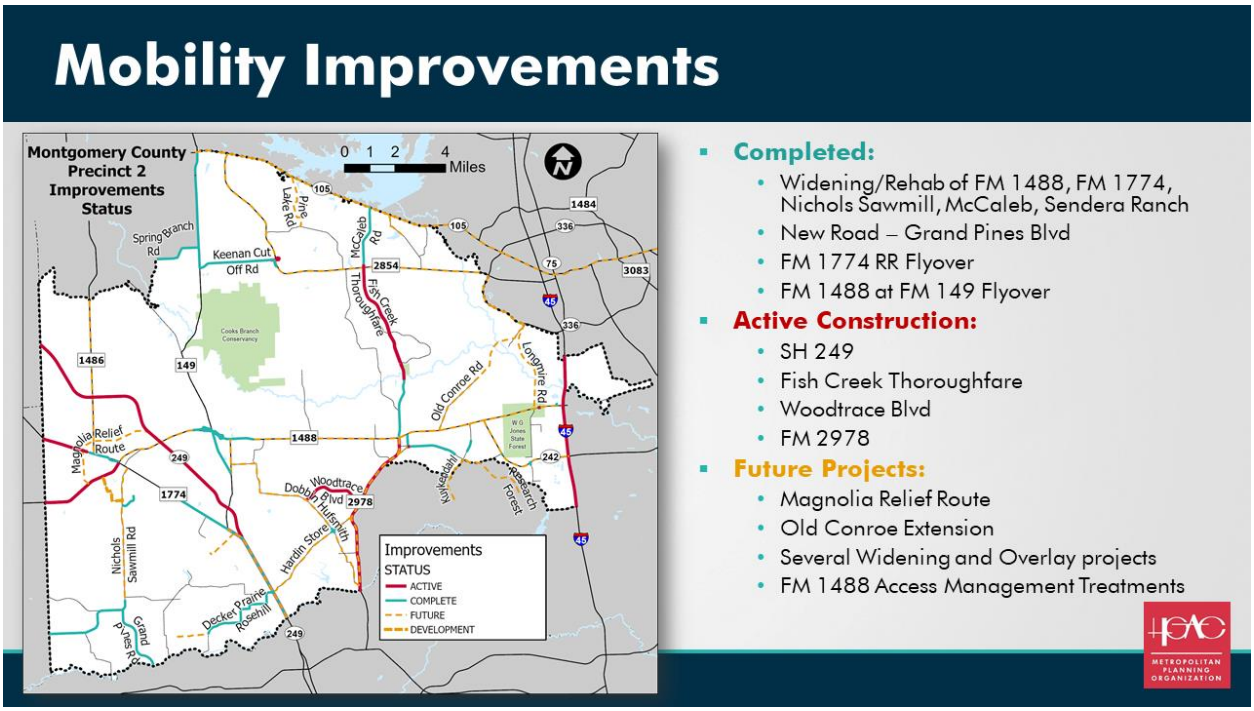
Barbara Koslov (Gunda Corporation) - There is some existing transit service in Precinct 2. Conroe Connection provides 4 local routes in Conroe. There is also the Conroe Park and Ride which travels from Conroe to downtown area and the Texas Medical Center. The Woodlands also has the transit which provides the trolley in the local Woodlands area. There is also 3 park and rides. The Research Forest Park and Ride is located in Precinct 2. However, there is no fixed transit in Precinct 2. There is demand/response service where you can call ahead and reserve a ride. It is possible transit could help to alleviate some of the future congestion in the area.



Barbara Koslov (Gunda Corporation) - There is a complete hike and bike network. There is 67 miles of hike and bikes – 18 miles of Share the Road; 22 miles Shared Use Shoulders; 27 miles of shared use paths and 34 miles are proposed to be developed in Precinct 2. We are going to look to see if we can expand this network and provide another outlet for moving people.

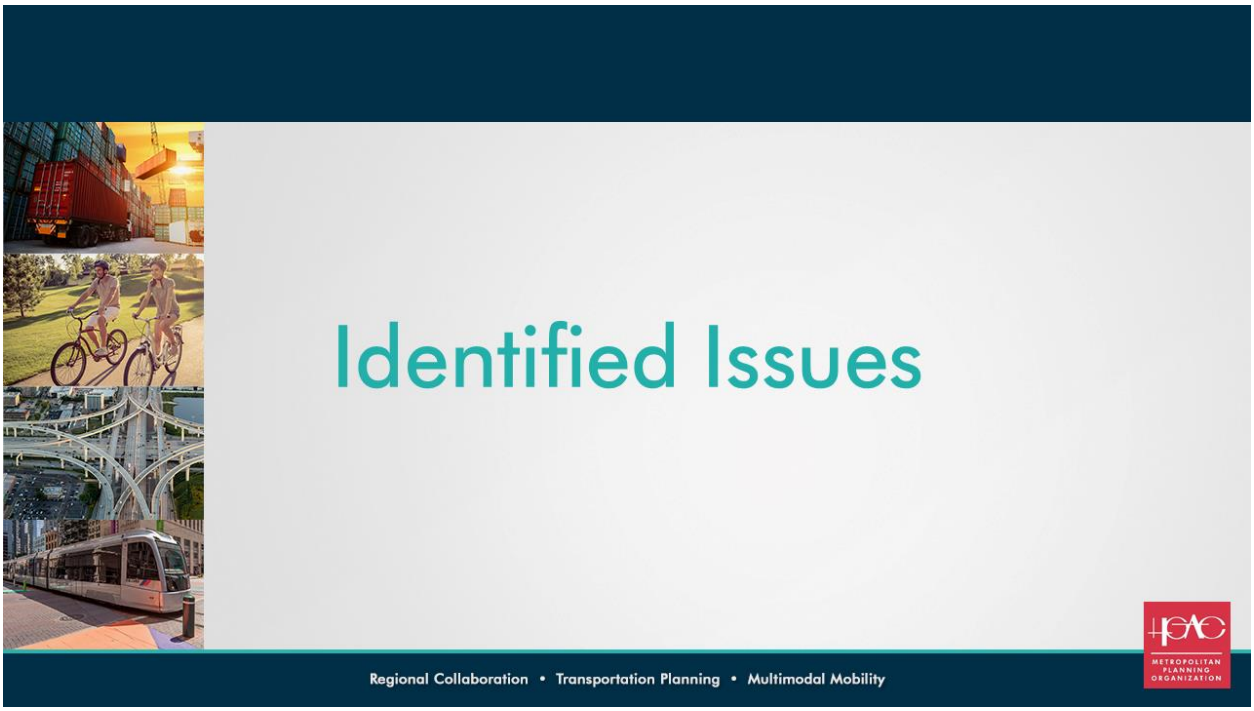


Barbara Koslov (Gunda Corporation) – The red circles represent all the new development that will occur in Precinct 2, much to the west side near FM 149 and SH 249. A recent article indicated that 8-10 residential developments will be opening this year. The green dots represent commercial development. They are located at FM 1488 and FM 149. Magnolia Village will be developed and impact traffic in the area. To the west in Waller County there will also be a new big development that will impact traffic in Precinct 2.



Data Source: TxDOT, H-GAC, Montgomery County, Westwood Magnolia Parkway Improvement District

Barbara Koslov (Gunda Corporation) – Precinct 2 is very busy working on its transportation network. Over the last several months, 24 projects have been completed. An additional 19 projects in red are under construction (Fish Creek thoroughfare, etc.). There is another 31 miles of improvements proposed (such as Old Conroe Road and access management along FM 1488).

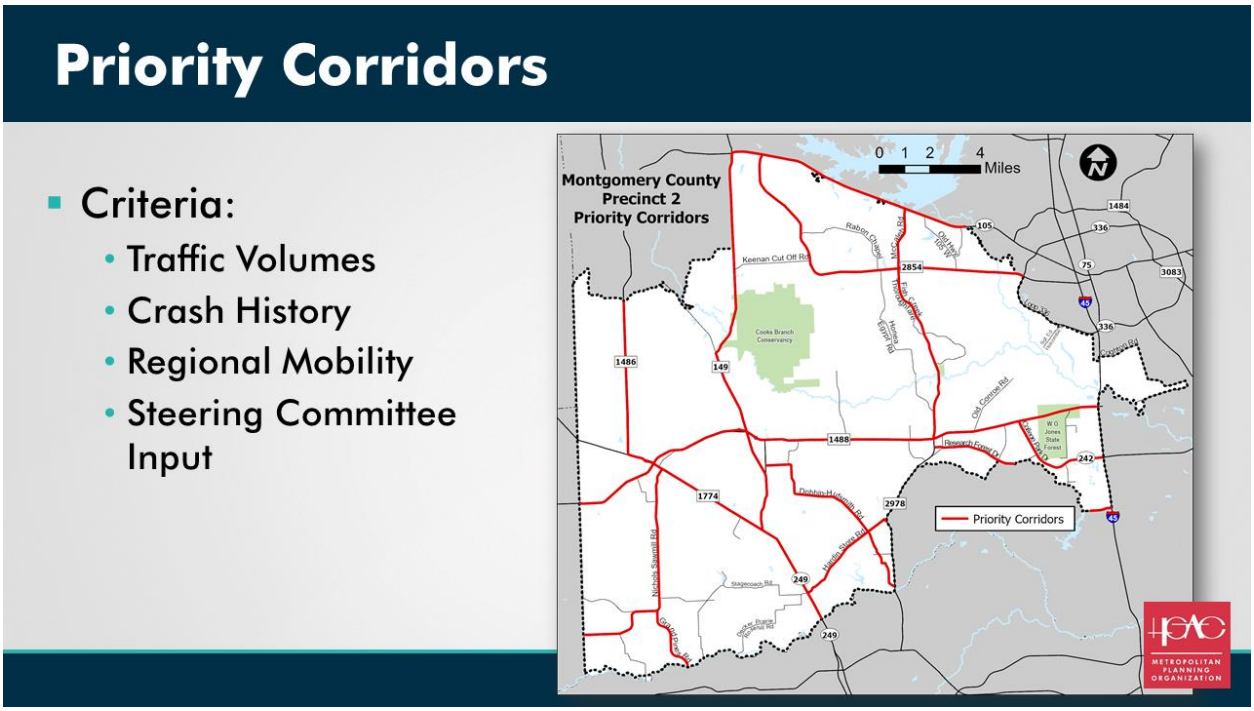


Identified Issues

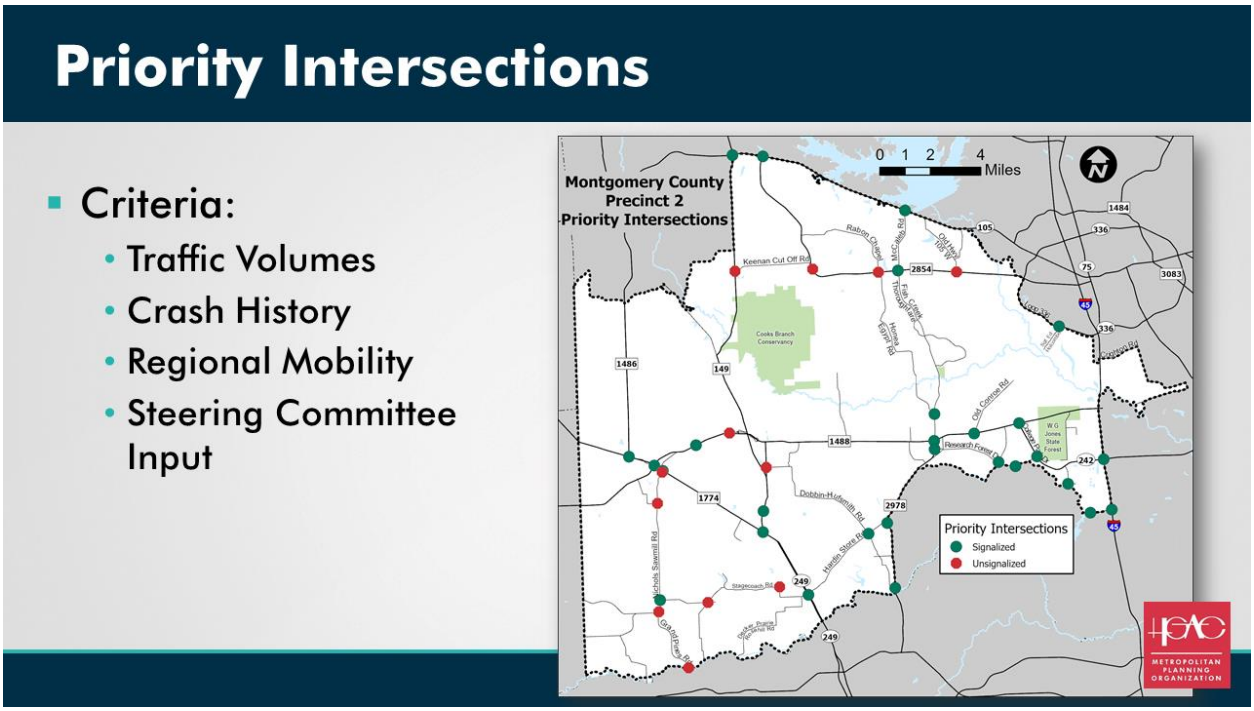
Major Issues	Steering Committee	Stakeholder Groups
Traffic Congestion	X	X
Dangerous Road Curves	X	X
North/South Connectivity	X	X
East/West Connectivity	X	X
Transit Needs	X	X
Intersection Congestion	X	X
Need Bike Routes	X	X
Corridor Signal Timings	X	X
Railroad Crossings	X	X
Flooding near IH-45/SH242	X	
Extend Old Conroe Road	X	X
FM 2978 Construction	X	X
School Traffic	X	
Safety - Crashes	X	X
New Developments	X	
Hospital Access		X



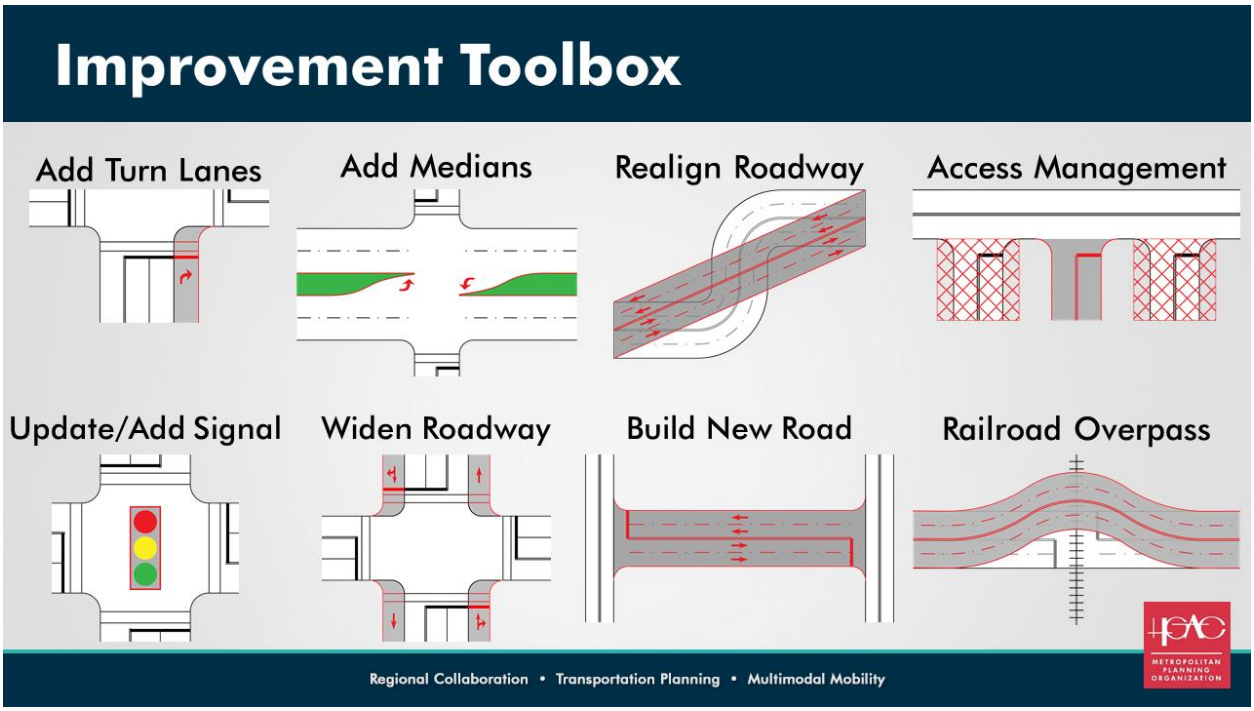
Barbara Koslov (Gunda Corporation) – We have identified issues by data we have collected and talking to stakeholder and the Steering Committee. We have come up with a long list of issues. Traffic congestion is the #1 issue and will get worse. There is a lack of north/south and east/west connectivity. Safety is a major issue. We will look at everything as we continue our study process.



Barbara Koslov (Gunda Corporation) - We have identified a number of priority corridors. We have identified these corridors for further analysis because of the high traffic volumes, crash history, regional mobility and Steering Committee input. We will be looking at these corridors and conducting analysis to determine what improvements are possible.

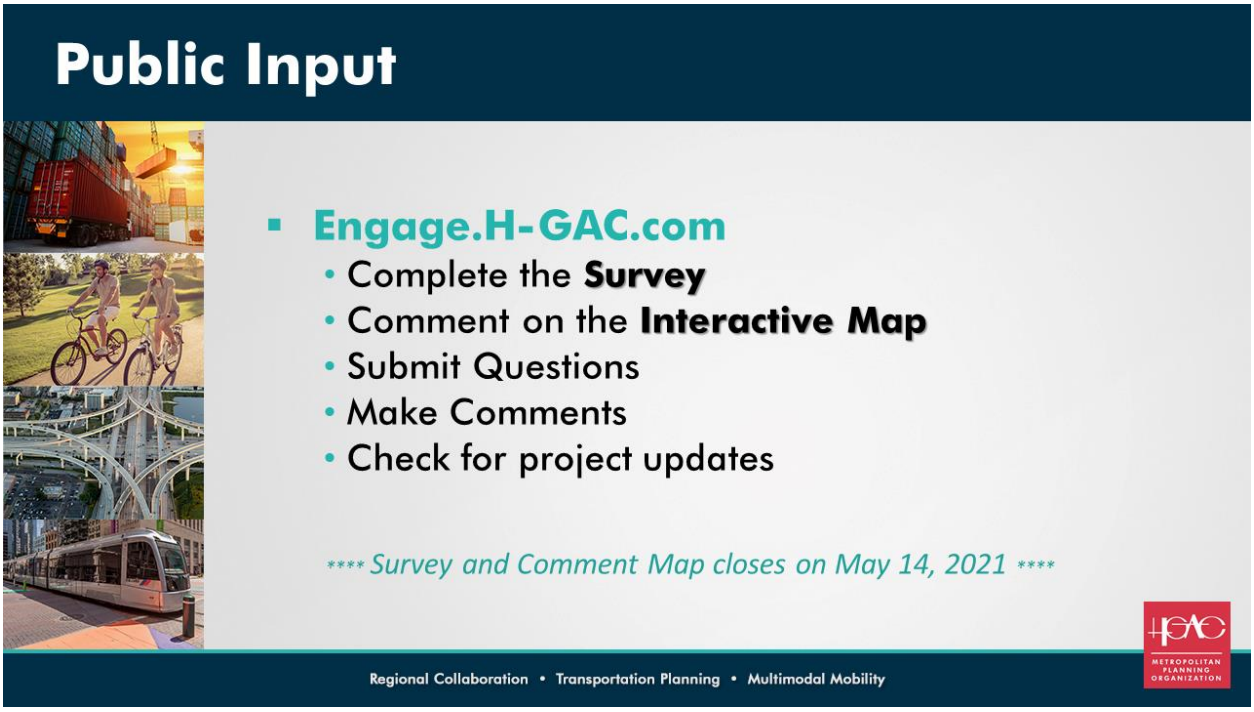


Barbara Koslov (Gunda Corporation) – We used the same criteria to identify #1 priority intersections. The red dots represent unsignalized intersection – there are about 15. The green dots represent signalized intersections – there are about 25. We will be looking at intersections to assess where improvements can be made.

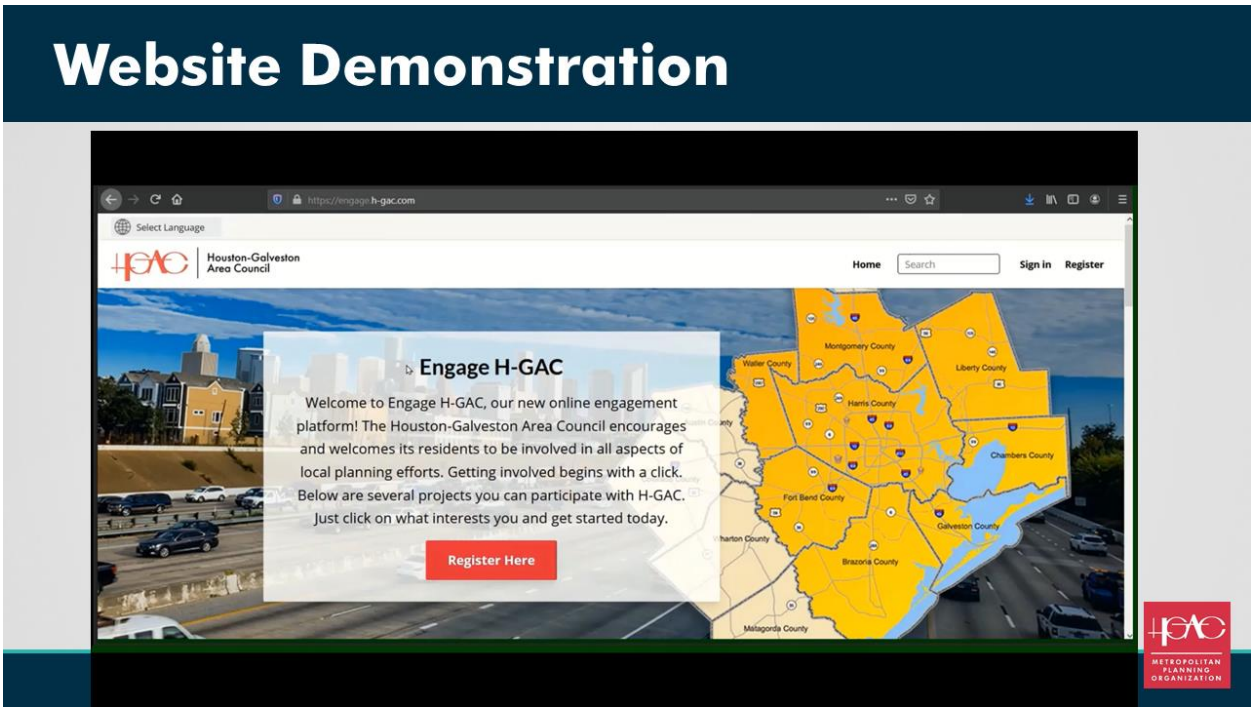


Barbara Koslov (Gunda Corporation) - These are some of the improvements that could be applied (note: these are not all of the possibilities, there are more). There are some that are more cost-effective projects such as adjusting signal timing and communications. Possibilities include adding a turn lane or adding a median cut to alleviate back up where cars are turning. Straightening out dangerous curves and overpasses are also options although these options may take more time and money.

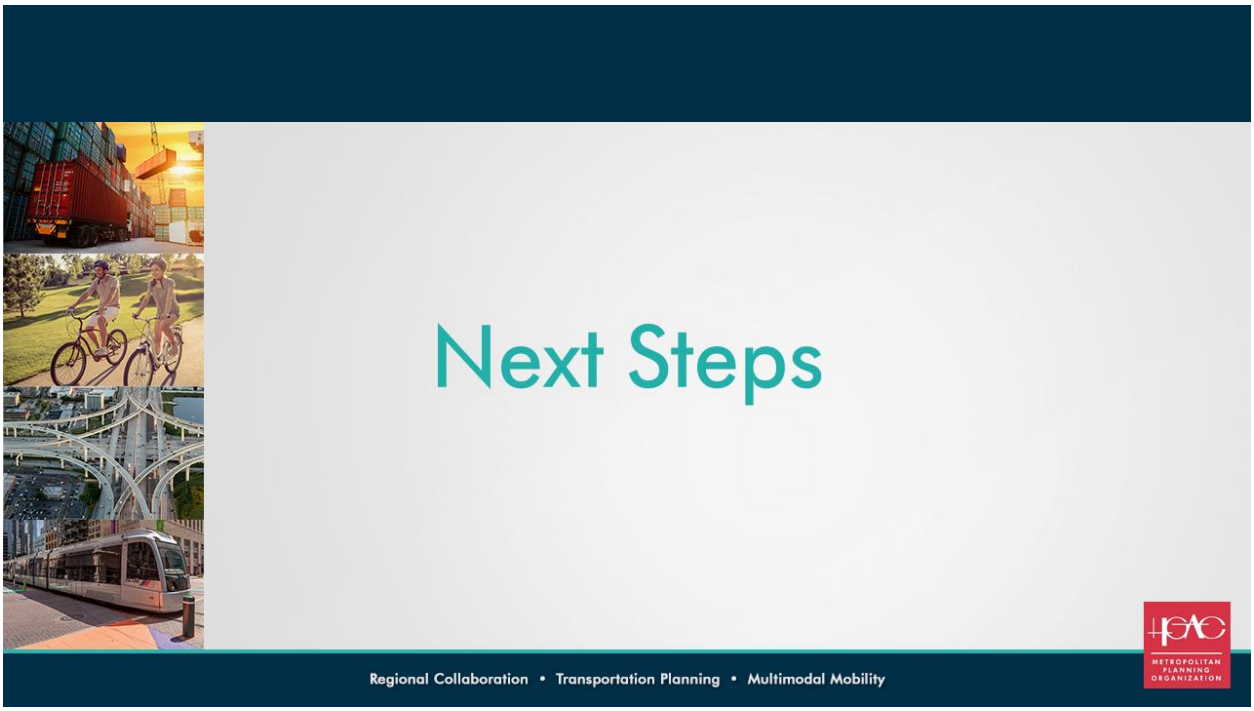


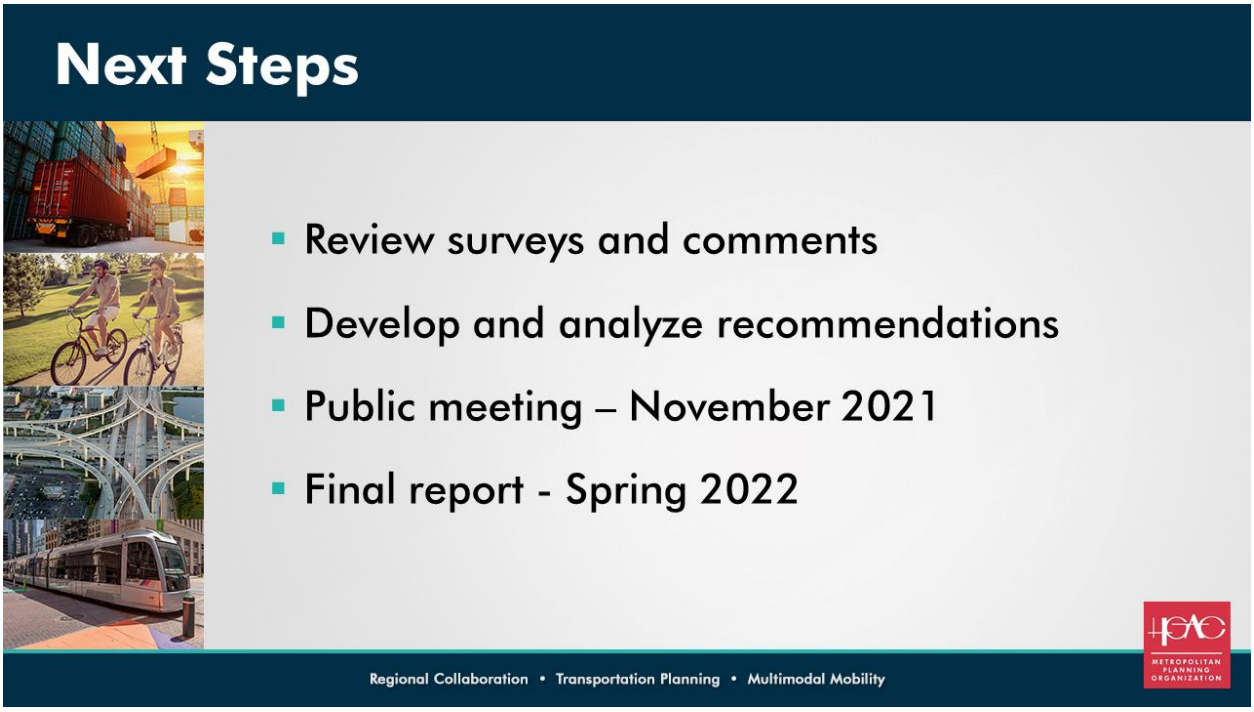


Carlene Mullins (H-GAC) - You can provide feedback by going to Engage.H-GAC.com. You will be able to complete the brief survey, drop a pin on an interactive map, submit questions, make comments and check on project updates.

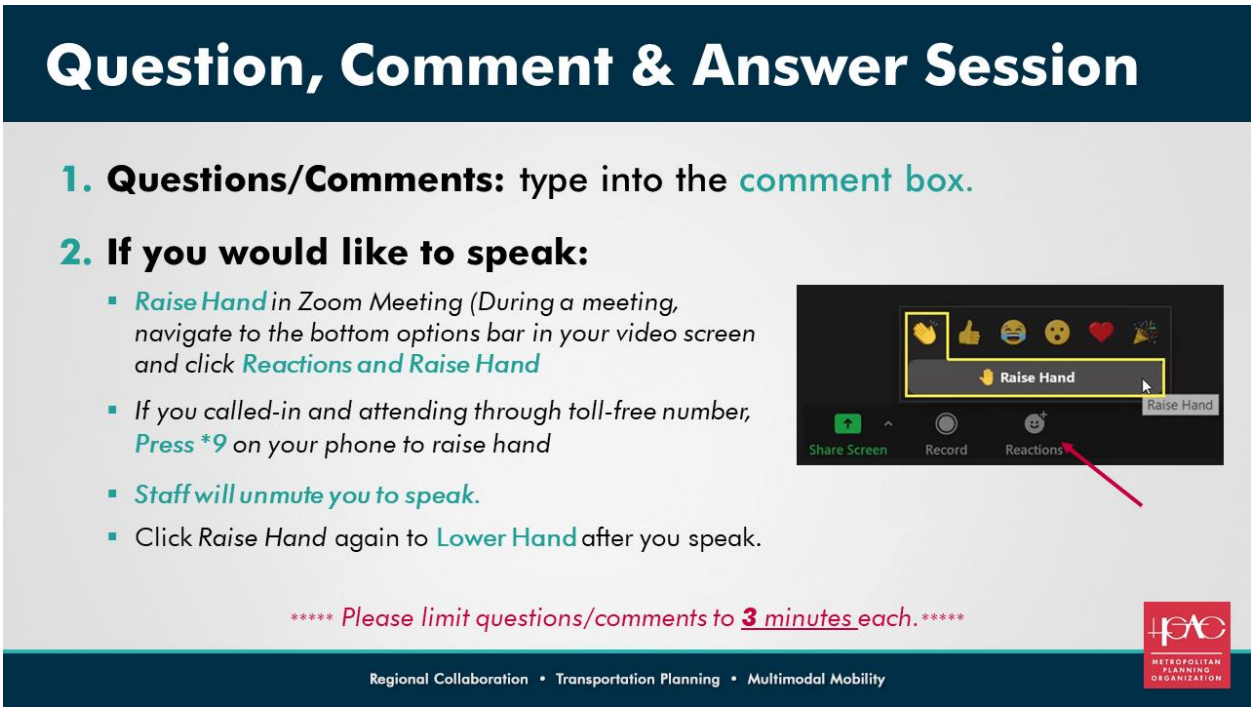


Video presented to show how the to navigate the website. Please register to participate.





Carlene Mullins (H-GAC) - In the next phase of the project the study team will be reviewing the survey and comments as well as developing and analyzing alternatives/recommendations. In the Fall there will be a second public meeting. The study team will present the proposed recommendations and you will have an opportunity to submit your comments. After that the team will finalize the recommendations and develop an implementation plan. In the Spring 2022 the final document will be complete.



Carlene Mullins (H-GAC) - Next is the Live Question and Answer session. This portion of the presentation is also being recorded.

There are two ways to participate. The first is to simply type the question or comment into the Chat Box. The second way is to use the "Raise Hand" feature on your computer or device, OR dial *9 if you're calling in.

When you are called on, you will be unmuted so everyone can hear your comment or question.

To answer questions this evening, we have Commissioner Charlie Riley from Montgomery County Pct 2. From H-GAC we have Justin Kuzila, Allie Isbell, Craig Raborn, Diane Dominguez and Mike Burns. From the Gunda Corporation, we have Lokesh Vijayagopal, Barbara Koslov and Catie Reid.

THANK YOU!



- **Carlene Mullins – Project Manager**
  Carlene.Mullins@h-gac.com
- **Justin Kuzila – Project Planner**
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

Regional Collaboration • Transportation Planning • Multimodal Mobility

Attachment D

Table 1. Questions/Answers

Montgomery County Precinct 2 Mobility Study Focus Group Virtual Meeting I

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
COMMENTS SUBMITTED AT VIRTUAL PUBLIC MEETING #1					
Received During Virtual Public Meeting #1					
1	Commissioner Charlie Riley	04/22/2021	Virtual Public Meeting #1	I've seen the traffic projection map and when you look at it and when someone is explaining all that is on the map, it shows how busy we have been in Precinct 2 and how we've been trying (note: we may not be able to get ahead of it) to do what we can to take care of the forces of the roads that we can take care of. I want to let everyone know that more things are coming, and we are working every day with H-GAC and TxDOT and partners to make things happen. I think with this mobility study (note: at the Precinct level we are lacking the ability to prioritize projects the way we should) is going to help us to prioritize projects and I'm really looking forward to the finished product.	
2	Patsy Carter	04/22/2021	Virtual Public Meeting #1	I live off of FM 2978 – I know that is not a county road that Commissioner Riley crews are working on. I remember filling out a form online 3, maybe 4 years ago. It was similar to what you are talking about – every intersection, put your recommendations here and there and I did that, and the main suggestion was add right turn lanes. And since then several roads have been completed…Fish Creek and SH 99 have been completed, but there is still a lack of right turn lanes. I cannot understand why they are not better utilized. They can be put at apartment complexes, shopping centers, any intersection and side streets. It would reduce traffic, keep the wait times down, keep traffic moving along, reduce congestion…it would save a lot of gas and reduce pollution. I have a hard time (even if I had not suggested them) understanding why those suggestions have not been put into place in the planning stages. Example is FM 2978 – they have been working on the project since 2016 and it will not be completed for another year. That's a long time. The Golden Gate Bridge only took 4 years to complete. I live off of Tamina and they are not putting a right turn lane onto Tamina and that backs up on FM 1488 every single weekday. My comment is to add right turn lanes and to stress the efficiency that would be created. On FM 1488 there are already wide shoulders and it would just be a matter of moving the paint around and adding the turn lanes and it would solve a lot of problems getting into churches and Home Depot. So many of these intersections you have to wait in the through lane and several lights sometimes when you want to make a right turn because as I understand it the solid white line means do not cross this to make a turn on the shoulder to go into these businesses. If you could comment on your future plans for right turn lanes and easing all the congestion, that would be good.	Carlene (H-GAC) – Thank you Patsy. We appreciate your comment. Commissioner Riley – I feel the frustration on FM 2978 because I've been trying to get to 2978 since I've been in office and even before then. Are you asking about from FM 2978 to Tamina Road or Tamina to FM 2978? Patsy – Both would be super, but on southbound 2978 a right turn lanes going west on Tamina. Commissioner Riley – Not sure if that is what the shoulder is going to be used for in the future. You can cross the white line 150 feet from intersection to turn right. Patsy – So you won't get a ticket for crossing the while line? Commissioner Riley – If you only go 150 feet or so you won't get a ticket for that. I think that's their plan…to use the shoulder where they can as the right turn lane. Speaking of Tamina we are adding turn lanes…we are working with Westwood Improvement District – waiting on FM 2978 to get out of the way and we are going to fix the intersection of Tamina at FM 2978 and Tamina at FM 1488 to add turn lanes at both intersections, but I need to wait for construction to finish because if I do something right now, they will tear it up. Patsy – Thank you. Lokesh (Gunda) – thank you for the comments. We are going to look at that intersection and if you have any other intersections that you want a right turn lanes, please mention that on the website and we will look into those intersections. Those would all be short-term recommendations. We will look into the intersections and if a right turn lane is warranted and if so, we will include those into our recommendations. Commissioner Riley – Do you remember the survey you completed?

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
					Patsy – Possibly Community Impact. It was online with a link. I clicked on the link and it was official. Commissioner Riley – I do not remember a survey like that, but I would like to see something like this if it is out there. Patsy – I will try to recall. Jeffrey English (in later discussion) – I see a right-hand turn lane at the Tamina intersection on the FM 1488 Access Management Study. Carlene (H-GAC) – That is good to know.
3	JoDell Whitehead	04/22/2021	Virtual Public Meeting #1	Every time I travel down FM 1488 during traffic times, how can there not be an elevated freeway on this mobility plan. The growth predicted for this area seems that this would be warranted.	Commissioner Riley – Elevated freeway is way out of my league…this is more of a TxDOT project. There is a project for FM 1488 for 2978 over to I-45 to add the other 2 lanes (one lane in each direction) to make a 6 lanes from FM 2978 to I-45 (add concreate for shoulders, restripe road and access management barriers down the middle of FM 1488). This project is supposed to be funded through TxDOT for 2029. I have committed $10M Pass-Through Road Bonds to that project if they will let me do this now. TxDOT was receptive to this project, but I have not received a response yet if TxDOT is going to let me do this project now or not. Regarding the elevated freeway, this would probably need additional ROW – so this is more of a TxDOT requested item. Carlene (H-GAC) – We may be able to look at this elevated freeway option as a long-term option, but this would likely result in additional right-of-way and possibly business displacements. We would need to look at this as a long-term option.
4	CT Gooding	04/22/2021	Virtual Public Meeting #1	Is The Woodlands Township part of the steering committee? If so, who is the representative?	Carlene (H-GAC) - We have citizen that is very active on Alden Bridge. We have a couple of residents that have lived in the area for a long time.
5	Bill Bass	04/22/2021	Virtual Public Meeting #1	There are many roads in The Woodlands that are 2 lane residential roads the Montgomery County Thoroughfare Plan shows as being planned for widening to 4 lanes (e.g. Cochrans Crossing, Alden Bridge). Why would you widen these roads when there isn't heavy traffic today or ever, pass next to schools, parks, and residential homes? Inquiries with Montgomery County indicate these would not be widened, so why are they continuing to show as such?	Carlene (H-GAC) – Some of those roads you are referring to are not in Precinct 2. I know the thoroughfare plans may suggest the number of lanes that would fit within the right-of-way that is available, but it does not mean the roads will ever have that many lanes, but there is enough right-of-way for those roads to expand if needed. This is part of the planning process. It is better to have more right-of-way than not enough. Right now, I don't know of any plans to widen Alden Bridge.

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
					Commissioner Riley – There are not plans to widen Alden Bridge that I know of. I cannot speak for Cochran's Crossing. Carlene (H-GAC) – The only road widening project I am aware of is Kuykendahl from 2 to 4 lanes. Commissioner Riley - Eventually we will do resurface to 6 lanes from Precinct 3 over to FM 2978, but that is a while down the road.
6	Doug Cashmore	04/22/2021	Virtual Public Meeting #1	What are the plans for Spur 149 at both FM 1488 and FM 149? What is the time line for these plans? Sorry if I have duplicated these questions.	Commissioner Riley – As far as I know there are not a lot of plans for Spur 149. There are not plans, but they are looking at widening 149 from FM 1488 up to Montgomery. I do not know of any plans to widen or upgrade Spur 149 at this time. Carlene (H-GAC) – We will be looking at Spur 149 as part of this study. We know there is a lot of development at the Spur 149 and FM 1488 area so there will probably be enough demand to widen a road or add turn lanes or something like that. We will have to take a look at it.
7	Wu Ying	04/22/2021	Virtual Public Meeting #1	Was the crash heat map based on crash incidents or crash rate?	Catie Reid (Gunda) – The crash heat map is based on location of crash incidents.
8	Wu Ying	04/22/2021	Virtual Public Meeting #1	The planned improvements map shows I-45 as red line. What is that project?	Catie Reid (Gunda) – The active project is landscape development from SL 336 to Montgomery/Harris County Border – a TxDOT project.
9	Ryan Londeen	04/22/2021	Virtual Public Meeting #1	SH-105 is included in this study correct? Looks like the pct line is on the road... just want to make sure.	Catie Reid (Gunda) – Yes, SH 105 is included in this study.
10	Doug Cashmore	04/22/2021	Virtual Public Meeting #1	Follow up there is HEB and development that will significantly increase traffic - on Spur 149 that will increase traffic on Spur 149 a lot.	
11	Wu Ying	04/22/2021	Virtual Public Meeting #1	Just one more comment instead of question, our team is working on the I-45N PEL study from BW8 North to Loop 336 in Conroe and any issues/recommendations identified from this study that may impact the I-45 corridor, we would be interested to know.	Carlene (H-GAC) – My email address is on the Engage.hgac website. Will you send me your contact information so when we get to that point we can discuss this?

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
12	JoDell Whitehead	04/22/2021	Virtual Public Meeting #1	If Precinct Commissioner lines get redrawn will it impact how this study will turn out?	Carlene (H-GAC) – No, it will not. The project is for Precinct 2, but if lines are redrawn, the projects would still be ready to go. It is not just for Commission Riley. He will use it as well as other cities to use and other Commissioners in the surrounding area. Allie Isbell (H-GAC) – To add to that, we are not looking at this Precinct in a bubble. We look at all the surrounding land uses, roadways and traffic volumes. Everything feeds into the model we create at H-GAC. So it will all be integrated in the end. It will not be just those boundaries that will impact the recommendations in the future. Barbara (Gunda) – This is a planning study so we are working on plans and we do not know what the exact outcome is going to be at the exact locations. We are working with H-GAC and we want to make sure we futureproof some of the proposals and improvement suggestions so we are not just looking at solving the problem today (or what Precinct 2 looks like today), but we are looking at how we can make a sustainable improvement for the long run. We are looking at addressing what we think is going to happen in certain elements tat have a long-term effect as opposed to quick fixes. So if the Precinct changes, we are futureproofing and coming up with proposals that can last a long time. Precinct 2 area is going to grow and we are coming up with solutions that can grow with it. This is just one of the aspects of the work we are doing.
13	Jon Samuelson	04/22/2021	Virtual Public Meeting #1	I noticed that one of the #2 traffic areas I believe was at the feeder at I-45 on Research. I had provided some recommendation regarding signage that would improve things when I talked to Commissioner Riley. I would like to figure out how I can communicate those recommendations again in writing so that maybe something can be done to improved the signage on the feeder so it would be similar to the feeder at SH 242 so it would make things better and safer.	Commissioner Riley – If you could send me an email…I remember talking to you about this, but I don't remember where the sign was located. If you send me an email, I think I can make that happen pretty quickly. Jon – You indicated you could possibly get TxDOT to do that and I will send the email to you. Thank you for your responsiveness. Carlene (H-GAC) – You can also go to the website and put some comments and drop some pins on the map where you are recommending the signs. Jon – I've already pointed out the intersection, but it's easier for me to do in an email. When I talked to the Commissioner, he said that made a lot of sense. It boils down to signage on the feeder roads coming towards Research and Tamina that is similar to what's at SH 242 and it would make it better and safer. Commissioner Riley – We are going to try to show the lanes coming up to the intersection…the right turn lane, straight,

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
					etc. I remember, but I need to make sure I know where we need to put the signage. Jon – I will put in an email more specific. Commissioner Riley – Thank you.
14	CT Gooding	04/22/2021	Virtual Public Meeting #1	Please consider building bike/pedestrian connections to the TxDOT bicycle tourism trail study which crosses through MCP 2.	
15	Jean Teague	04/22/2021	Virtual Public Meeting #1	Are you able to add additional lighting at brighten Research Forest and Grogan's Mill?	Commissioner Riley – We can look at putting additional lighting at Research Forest and Grogan's Mill. Barbara (Gunda) – When we conduct our study and we look at safety issues one of the things could potentially be is improved lighting. So as we do our research and analysis especially as we examine some of the incidents and crashes took place and understand what happened, maybe lighting is an issue. It's all part of the analysis. Your recommendations are great because you are already telling us you think this is an issue. We will look at everything and work with Commissioner Riley. These are the kind of improvements we can look at.
16	Bill Bass	04/22/2021	Virtual Public Meeting #1	For major thoroughfares where you also have wildlife crossing, what considerations are given to implementing things like Wildways?	Allie Isbell (H-GAC) – I believe wild way is referring to something like an animal crossing like they are putting in at Memorial Park…like a land bridge that provides a way for wildlife to cross major roadways. In this mobility study nothing is out of the question to consider. Whether it makes the final round of recommendations, that' to be seen, but this is definitely something to think about.
17	Wu Ying	04/22/2021	Virtual Public Meeting #1	Does the scope of the study include recommendations to update the Mont. County Thoroughfare Plan?	Commissioner Riley – We are working on it. Carlene (H-GAC) – If we have any major changes, we will recommend updates to the Montgomery County Thoroughfare Plan, Waller County Thoroughfare Plan and the City of Houston Thoroughfare Plan – if needed. We want to make sure we work together with Montgomery County, Waller County and the City because all of these are adjacent or in Montgomery County. Carlene (H-GAC) – Commissioner Riley, do you know the status of the revised Thoroughfare Plan.

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Additional Input Received
					Commissioner Riley – We have looked at it here probably 3 times and we have made some subtle changes. We've changes some major connector road to minor connector roads and realigned a few things. The next time we look at it we are going to look hard at whether we are going to remove some of the roads or just reclassify some of the roads. It will not be very different than the map you see today, but there will be some changes. Carlene (H-GAC) – Do you know when they are expected to have a Public Meeting or approved plan? Commissioner Riley – It's coming up quick, but I will need to check. I will get this information to you. Carlene (H-GAC) – Thank you. I can add this information to our website.
18	Commissioner Charlie Riley	04/22/2021	Virtual Public Meeting #1	I would like to thank everyone who has worked on this project. When I started talking to Carlene about this project and what we would need to get together it set me back. There is a lot more to this than I ever thought about. I am anxious to see the outcome of this to see the amount of studying and looking at different roads. Thank you for all your work.	

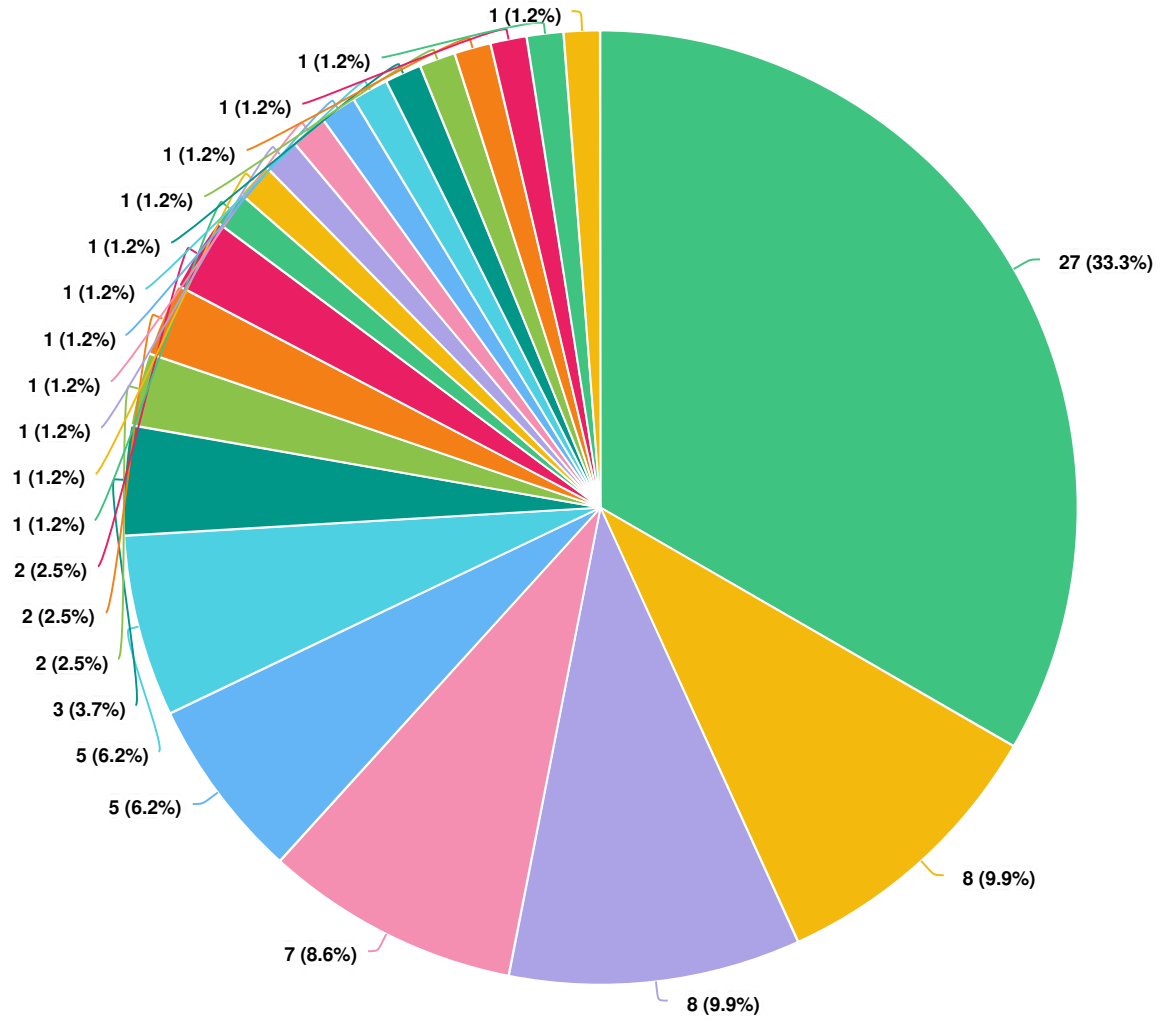
Survey - Now Closed

SURVEY RESPONSE REPORT
18 March 2021 - 23 June 2021

PROJECT NAME:
Montgomery County Precinct 2 Mobility Study

SURVEY QUESTIONS

Q1 What is your home Zip code?

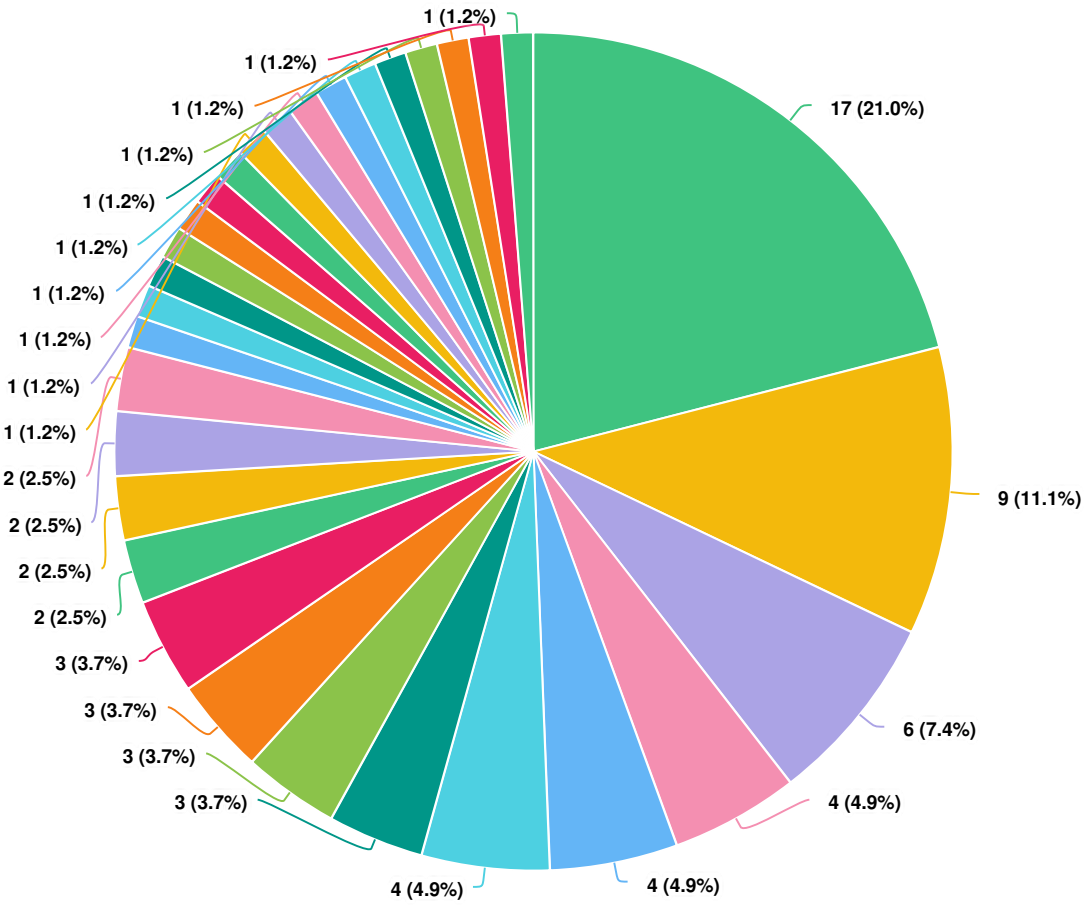


Question options

Magnolia, TX 77354 | Montgomery, TX 77316 | Magnolia, TX 77355 | The Woodlands, TX 77382
Shenandoah, TX 77381 | Conroe, TX 77384 | The Woodlands, TX 77381 | Conroe, TX 77304
Pinehurst, TX 77362 | Montgomery, TX 77356 | The Woodlands, TX 77380 | The Woodlands, TX 77384
Spring, TX 77354 | Decker Pr, TX 77355 | Shenandoah, TX 77385 | Addicks Barker, TX 77084
Shenandoah, TX 77384 | Houston, TX 77009 | Tomball, TX 77377 | Cypress, TX 77433 | Katy, TX 77494
Cut and Shoot, TX 77303

Mandatory Question (81 response(s))
Question type: Region Question

Q2 What is your work Zip code or Zip code you travel to most often for daily activities (pre-COVID)?

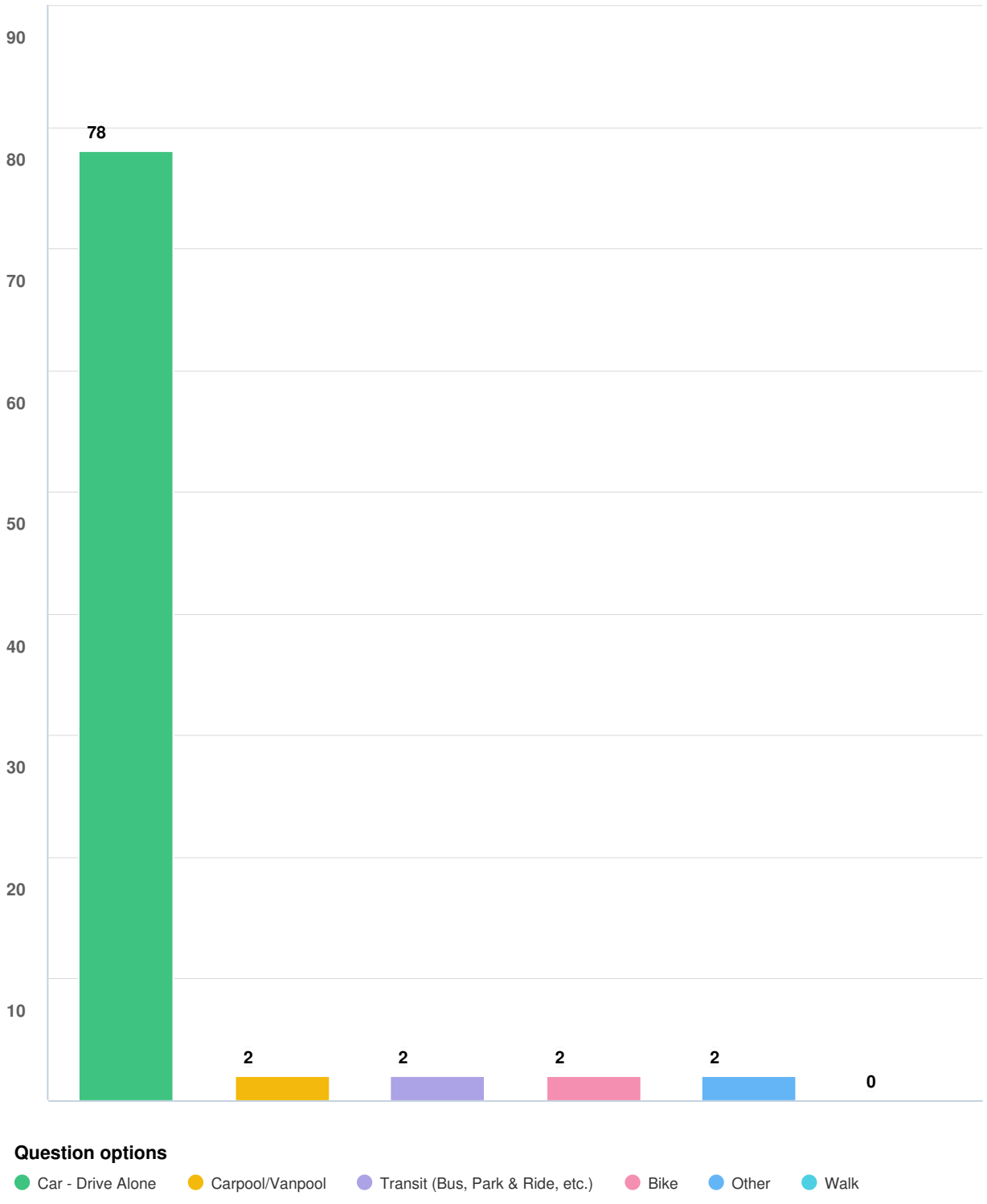


Question options

Magnolia, TX 77354 | The Woodlands, TX 77380 | The Woodlands, TX 77381 | Conroe, TX 77301
Magnolia, TX 77355 | Tomball, TX 77375 | Shenandoah, TX 77381 | Montgomery, TX 77316
Spring, TX 77389 | Houston, TX 77002 | The Woodlands, TX 77382 | Houston, TX 77027 | Klein, TX 77379
Conroe, TX 77304 | Huntsville, TX 77341 | Katy, TX 77494 | Tomball, TX 77377 | Houston, TX 77098
Houston, TX 77004 | Rayford, TX 77373 | Beach, TX 77301 | Conroe, TX 77303 | Huntsville, TX 77340
Houston, TX 77067 | Houston, TX 77060 | Houston, TX 77030 | Conroe, TX 77384 | Crabbs Prairie, TX 77340
Houston, TX 77040 | Houston, TX 77024 | Heights, TX 77008

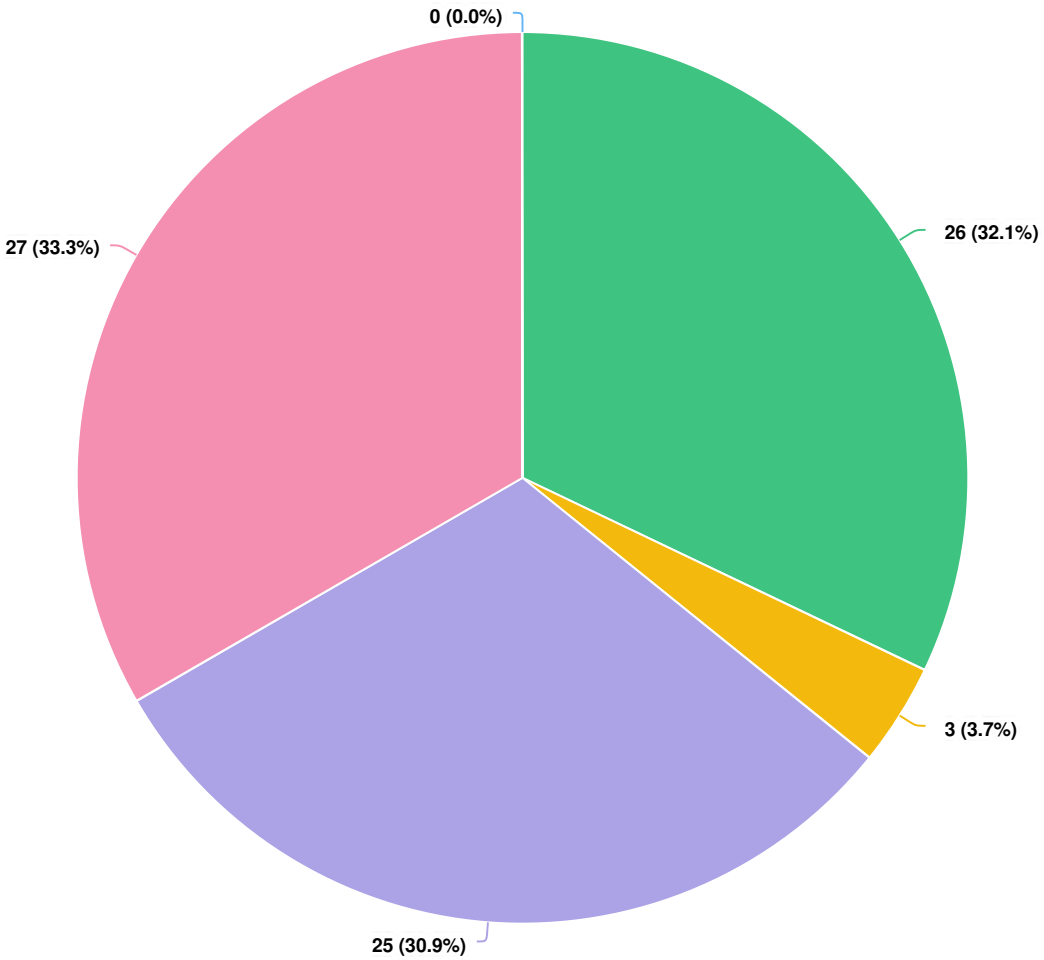
Mandatory Question (81 response(s))
Question type: Region Question

Q3 **Which mode of transportation do/did you use for weekday commute? (Pre-COVID-19, select all that apply)**



Mandatory Question (81 response(s))
Question type: Checkbox Question

Q4 How have your travel patterns changed from before the COVID-19 pandemic began?



Question options

- Make fewer trips
- Make more trips
- Made fewer, but returned to normal
- No change
- Made more, but returned to normal

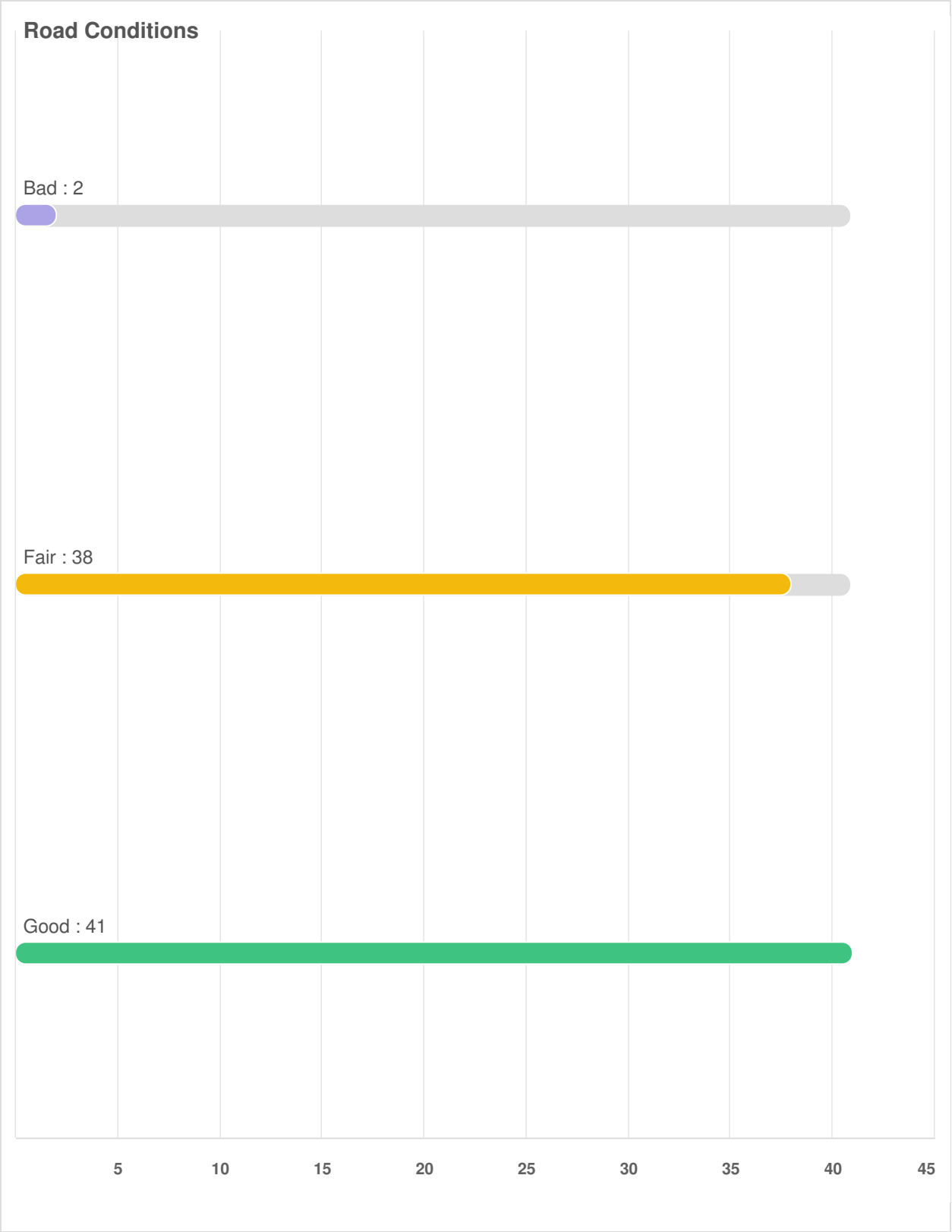
Mandatory Question (81 response(s))
Question type: Radio Button Question

Q5 How would you rate the following in Precinct 2?

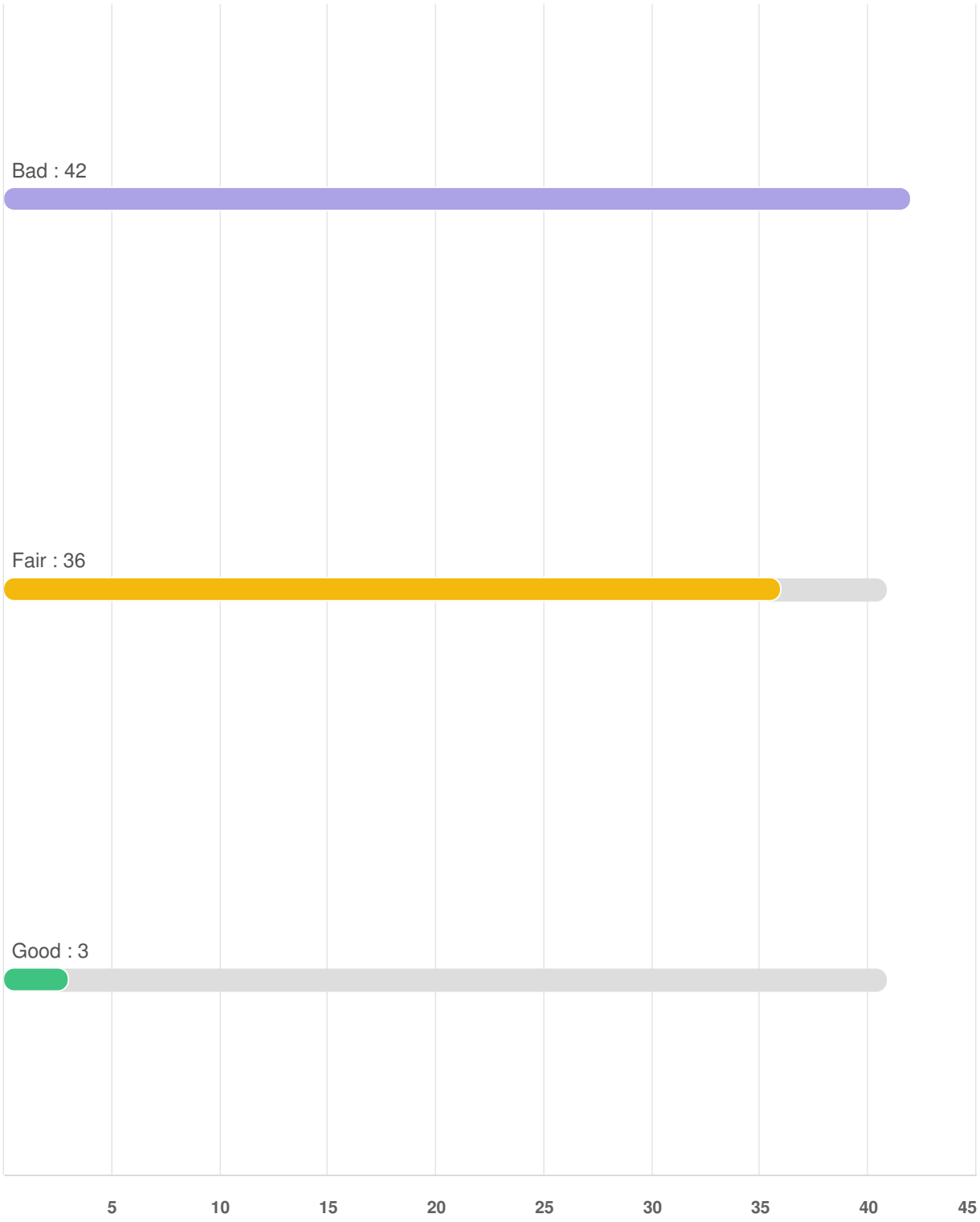


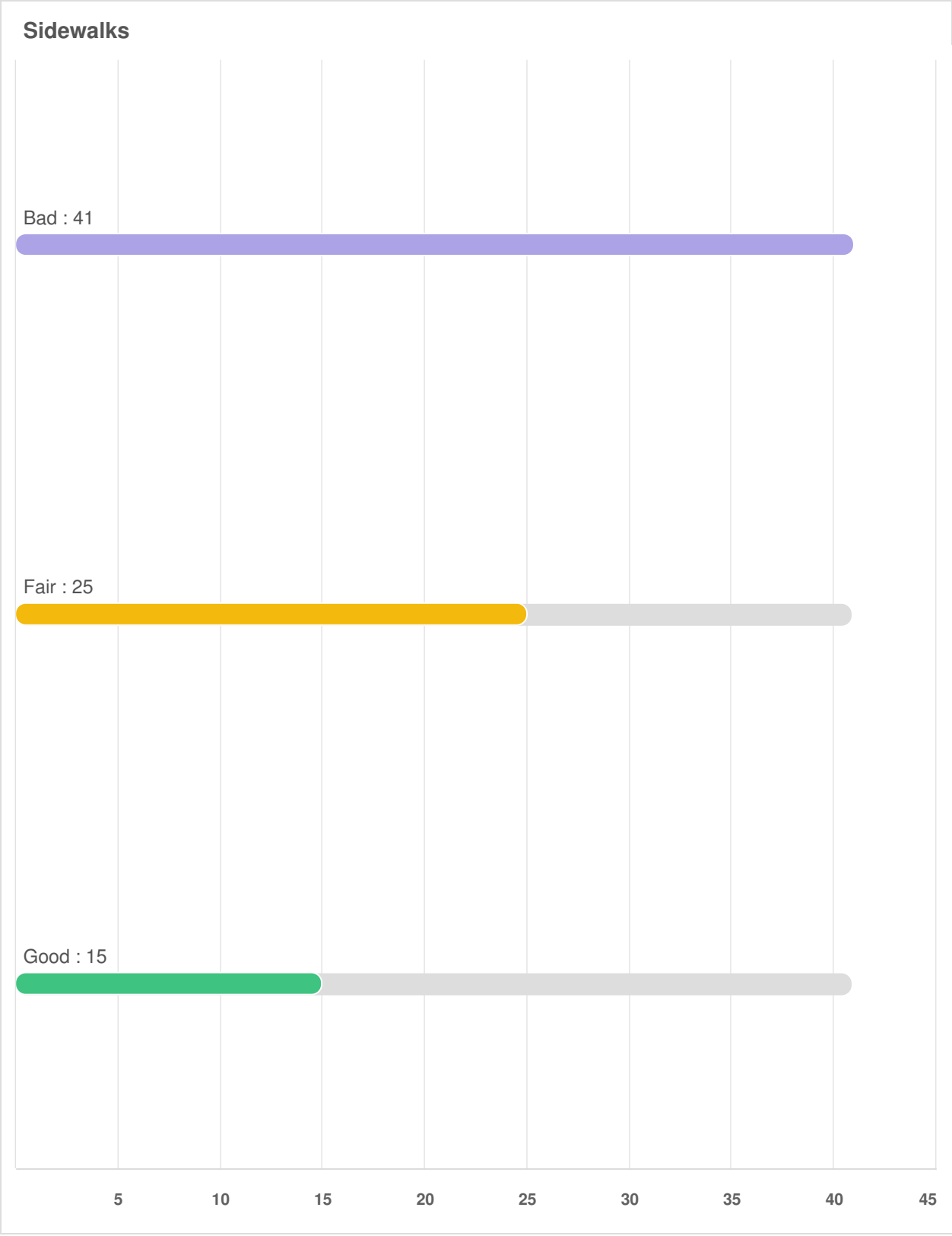
Mandatory Question (81 response(s))
Question type: Likert Question

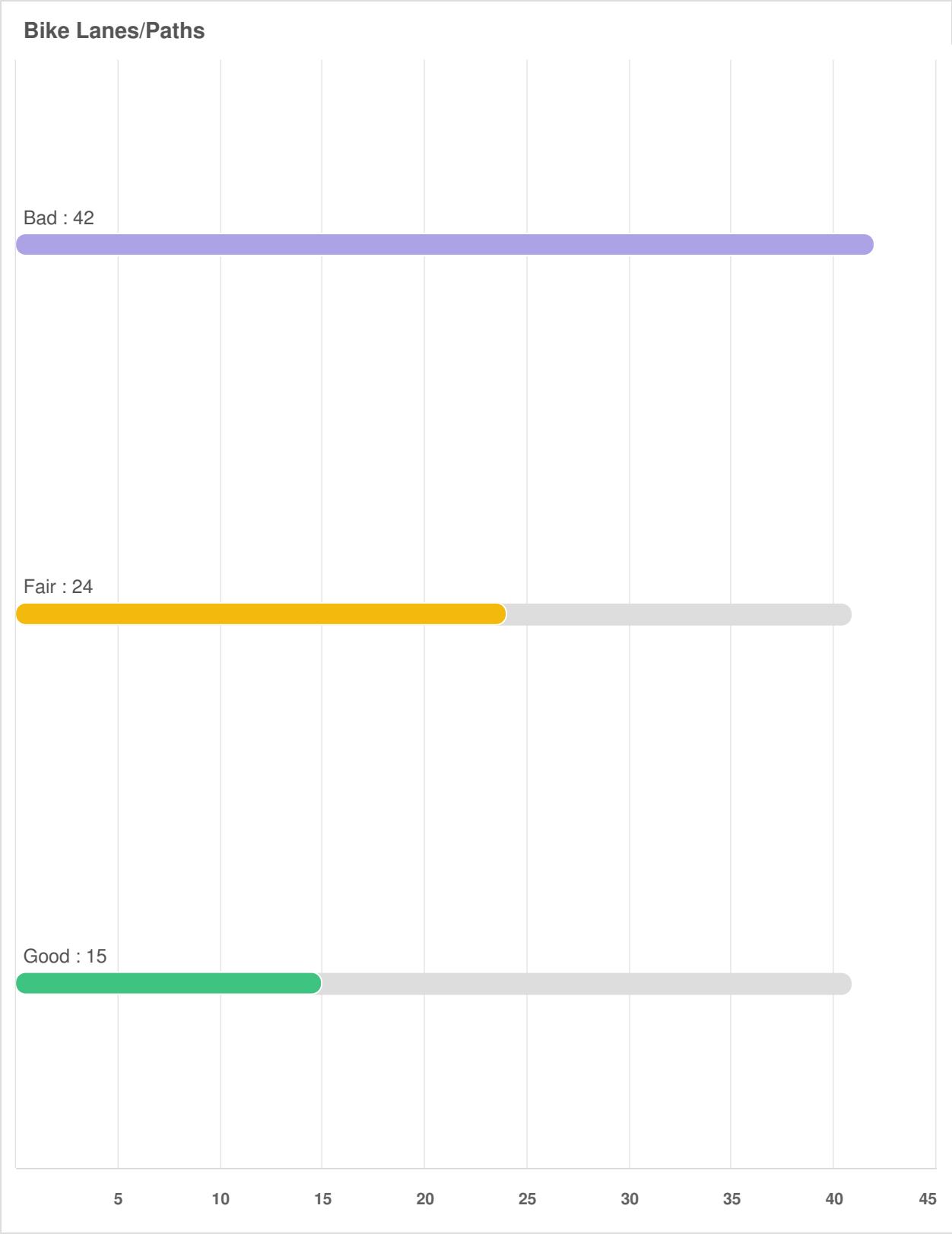
Q5 How would you rate the following in Precinct 2?



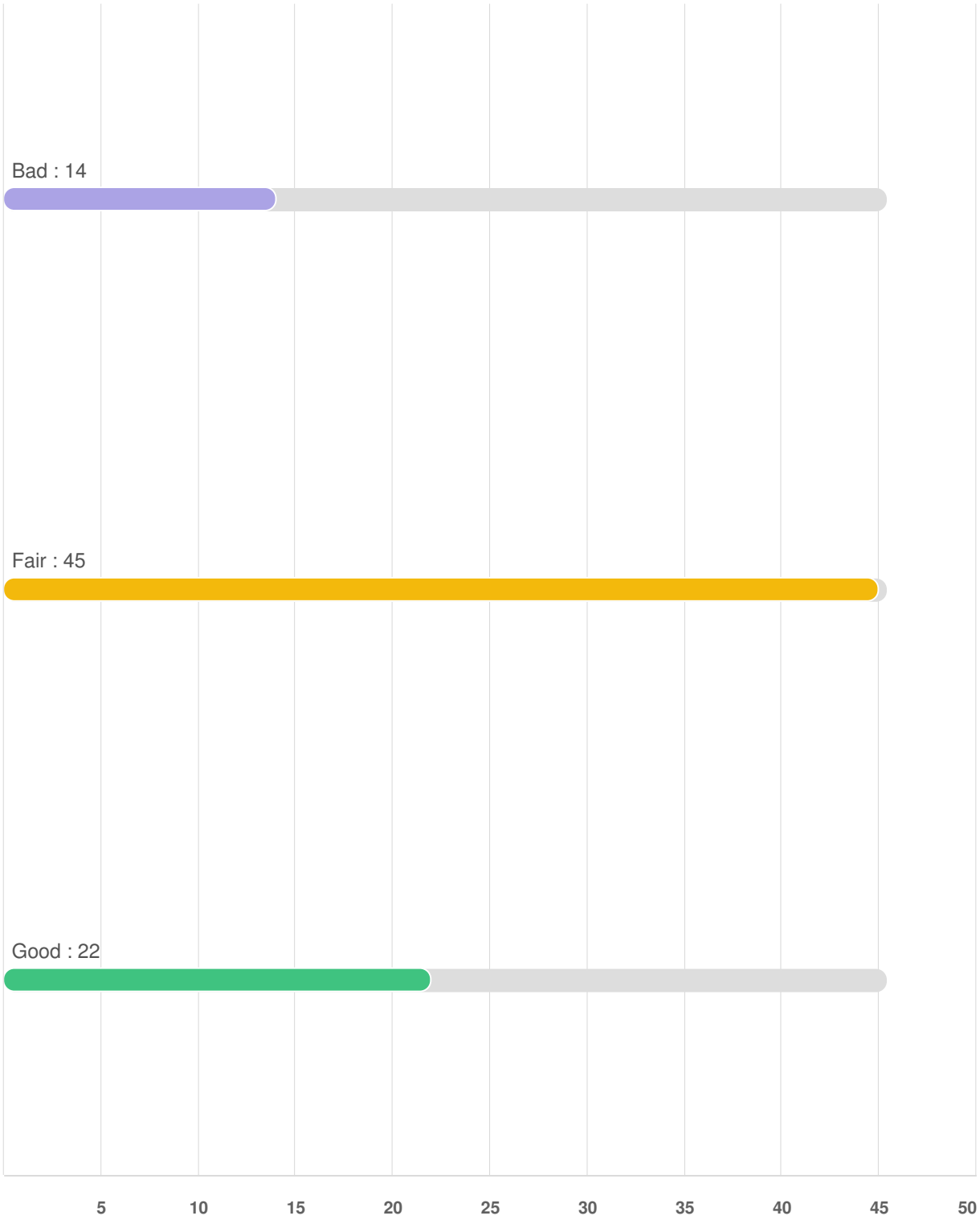
Traffic Congestion

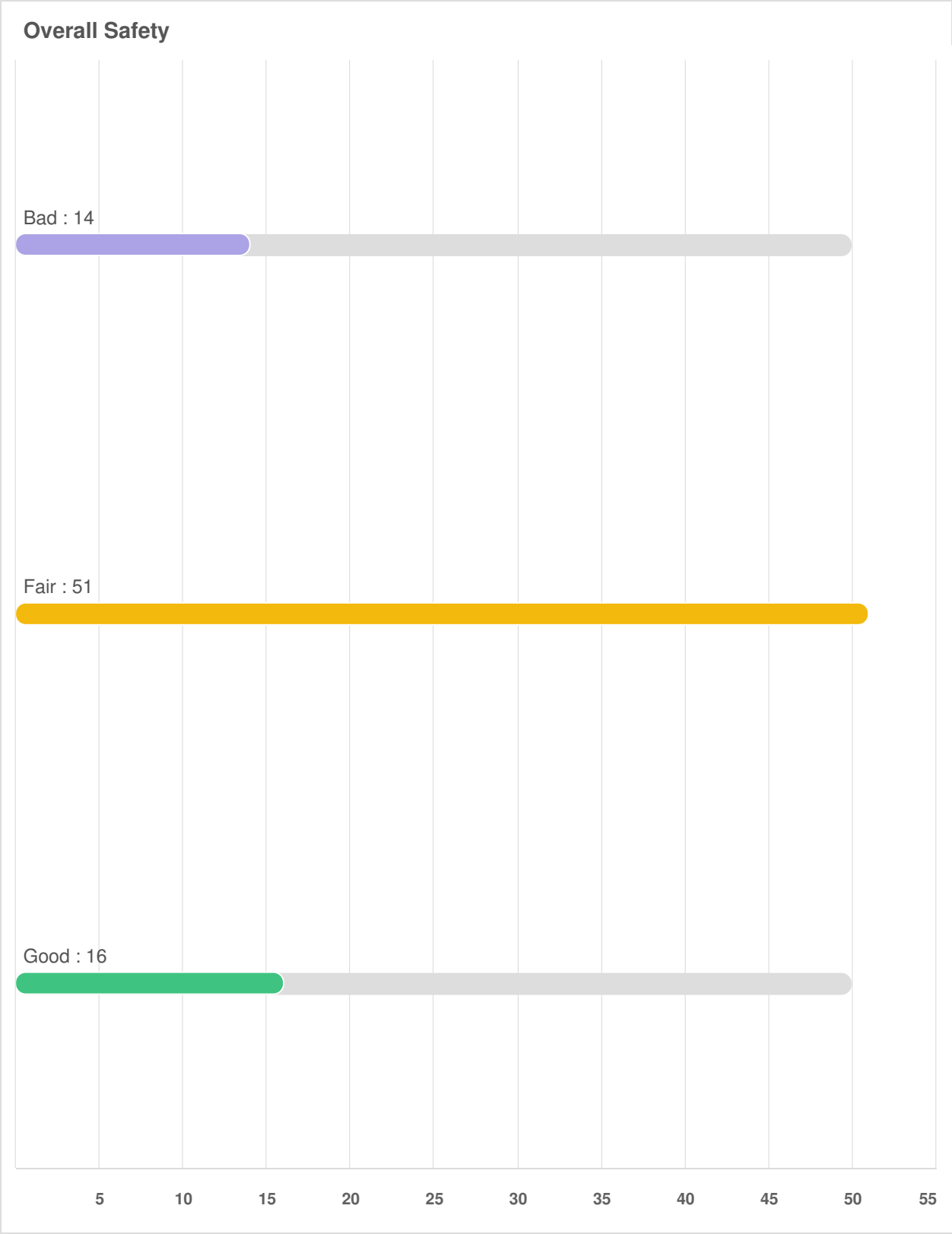



Sidewalks
Bad : 41
Fair : 25
Good : 15
5
10
15
20
25
30
35
40
45


Bike Lanes/Paths
Bad : 42
Fair : 24
Good : 15
5
10
15
20
25
30
35
40
45

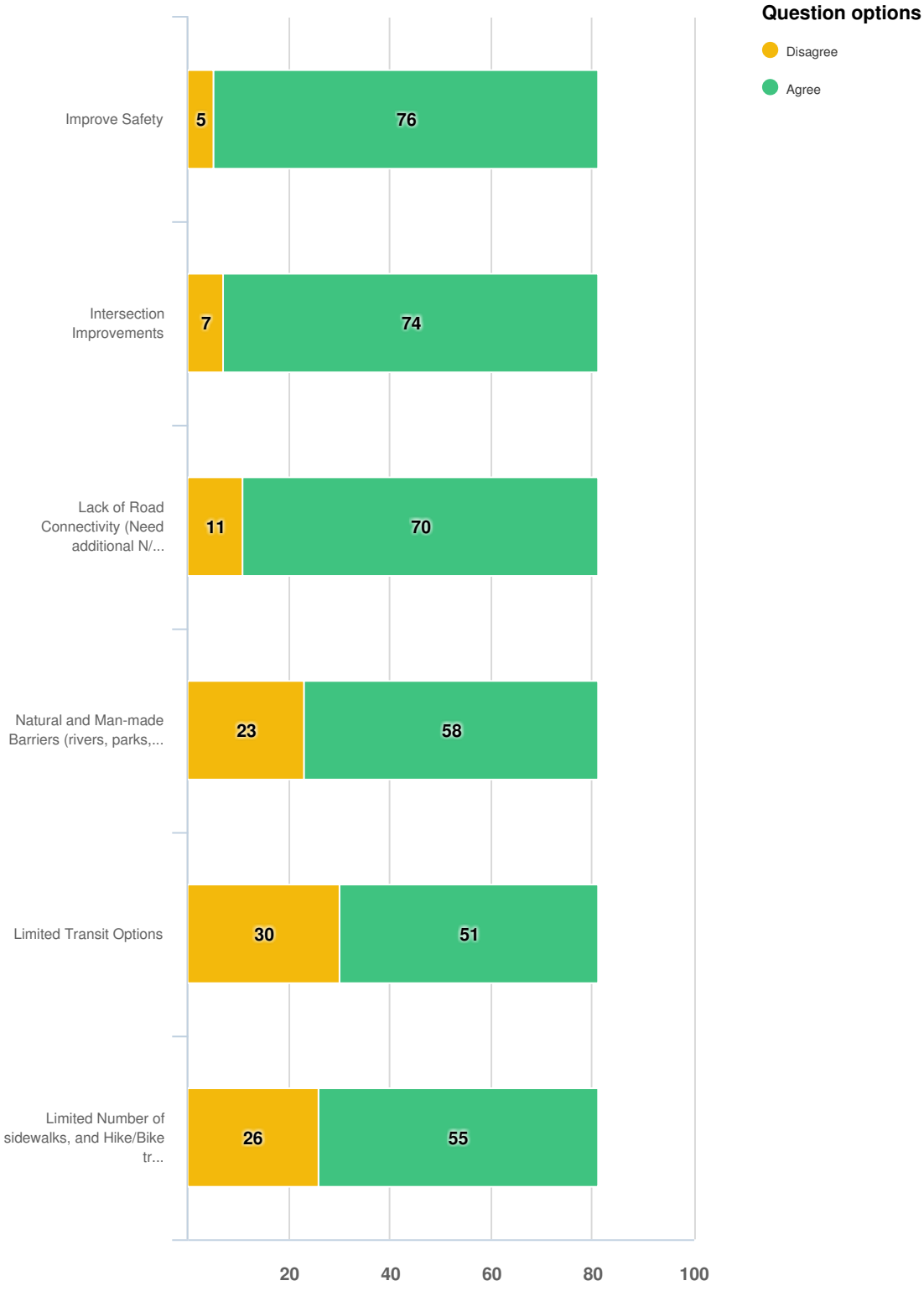
Traffic Signals




Overall Safety
Bad : 14
Fair : 51
Good : 16
5
10
15
20
25
30
35
40
45
50
55


Alternative Route Options
Bad : 33
Fair : 39
Good : 9
5
10
15
20
25
30
35
40
45

Q6 The Study Team has identified the following categories as the main transportation issues in Precinct 2. Do you agree or disagree?

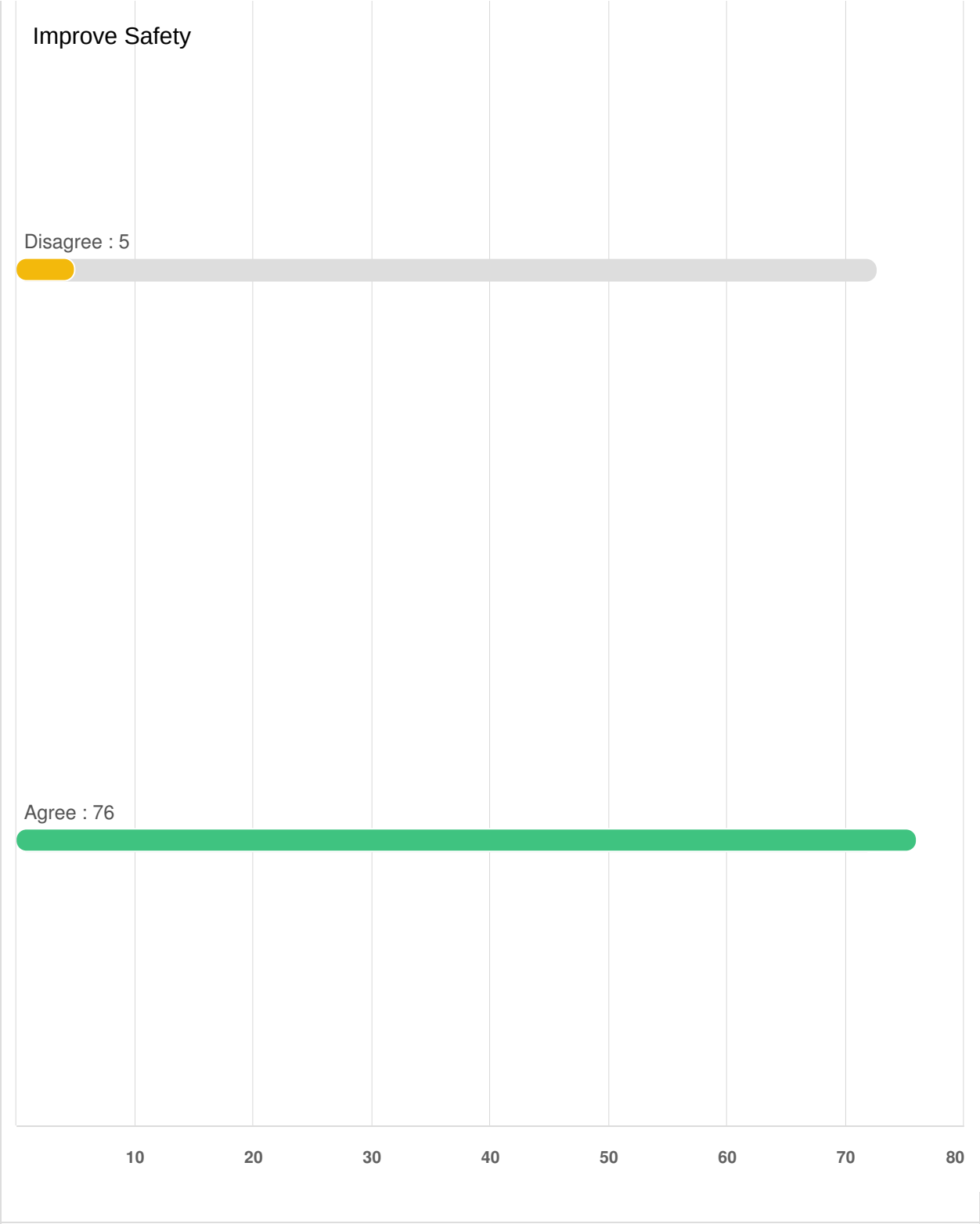


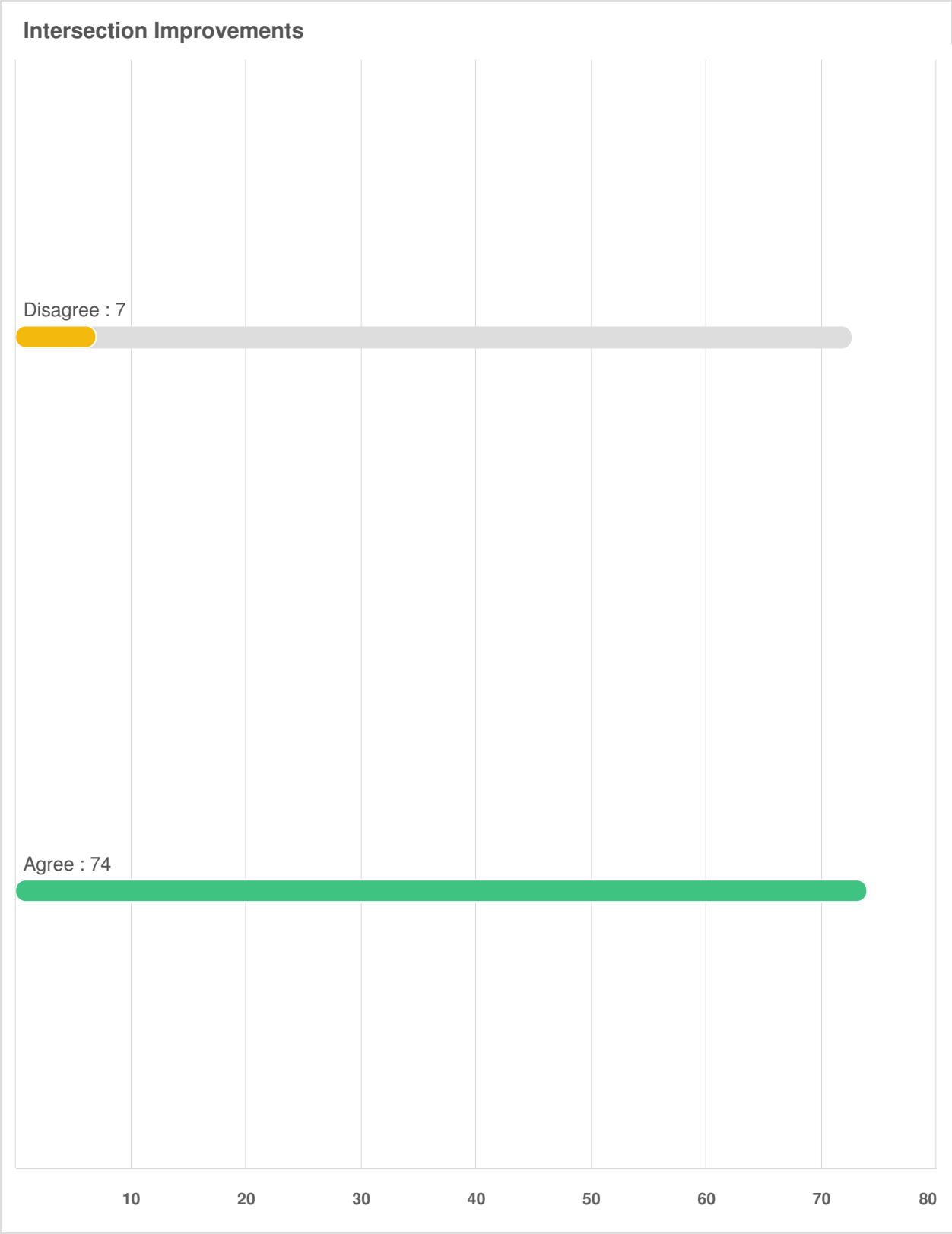
Mandatory Question (81 response(s))
Question type: Likert Question

Q6 **The Study Team has identified the following categories as the main transportation issues in Precinct 2. Do you agree or disagree?**

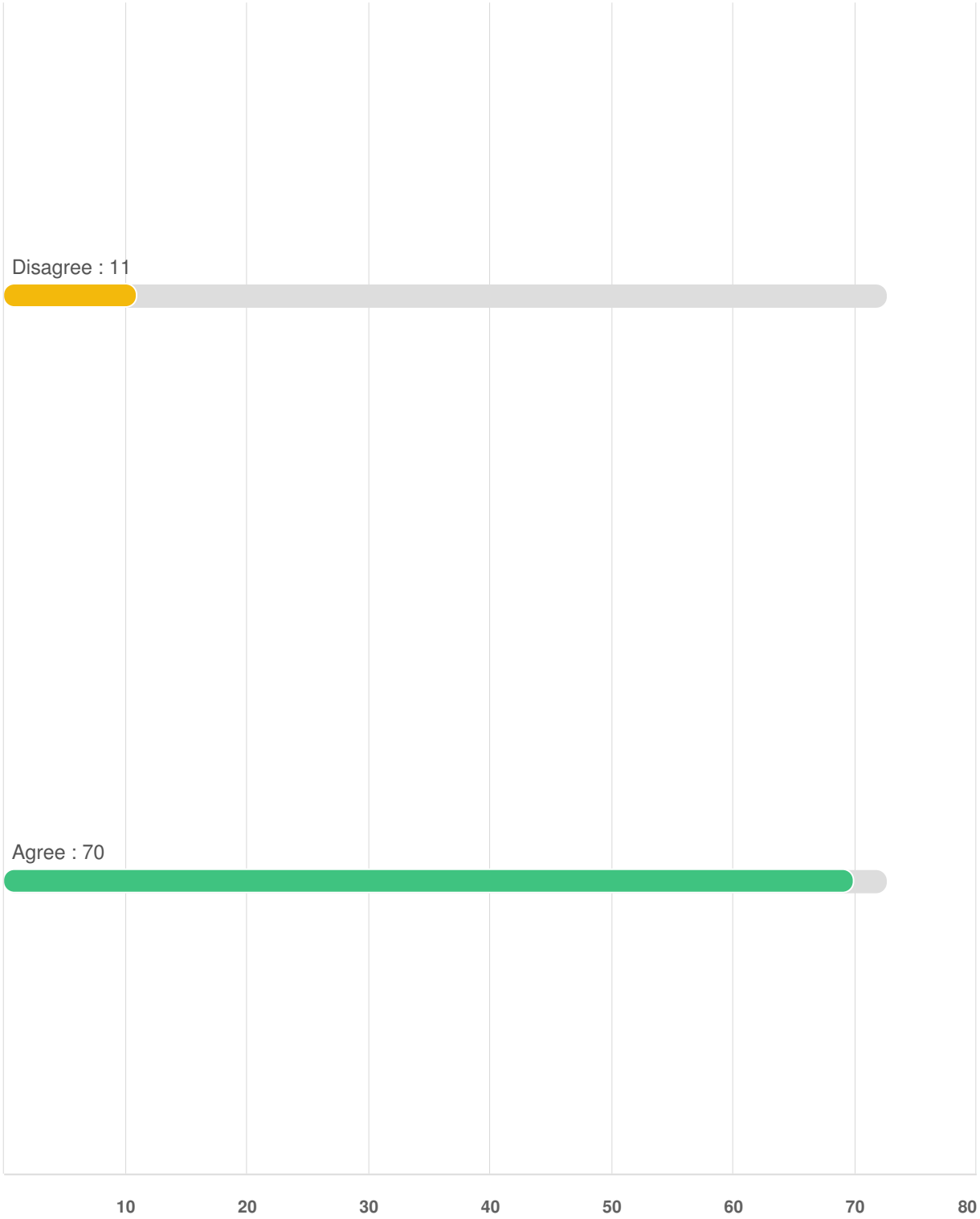
Improve Safety

Results on next page

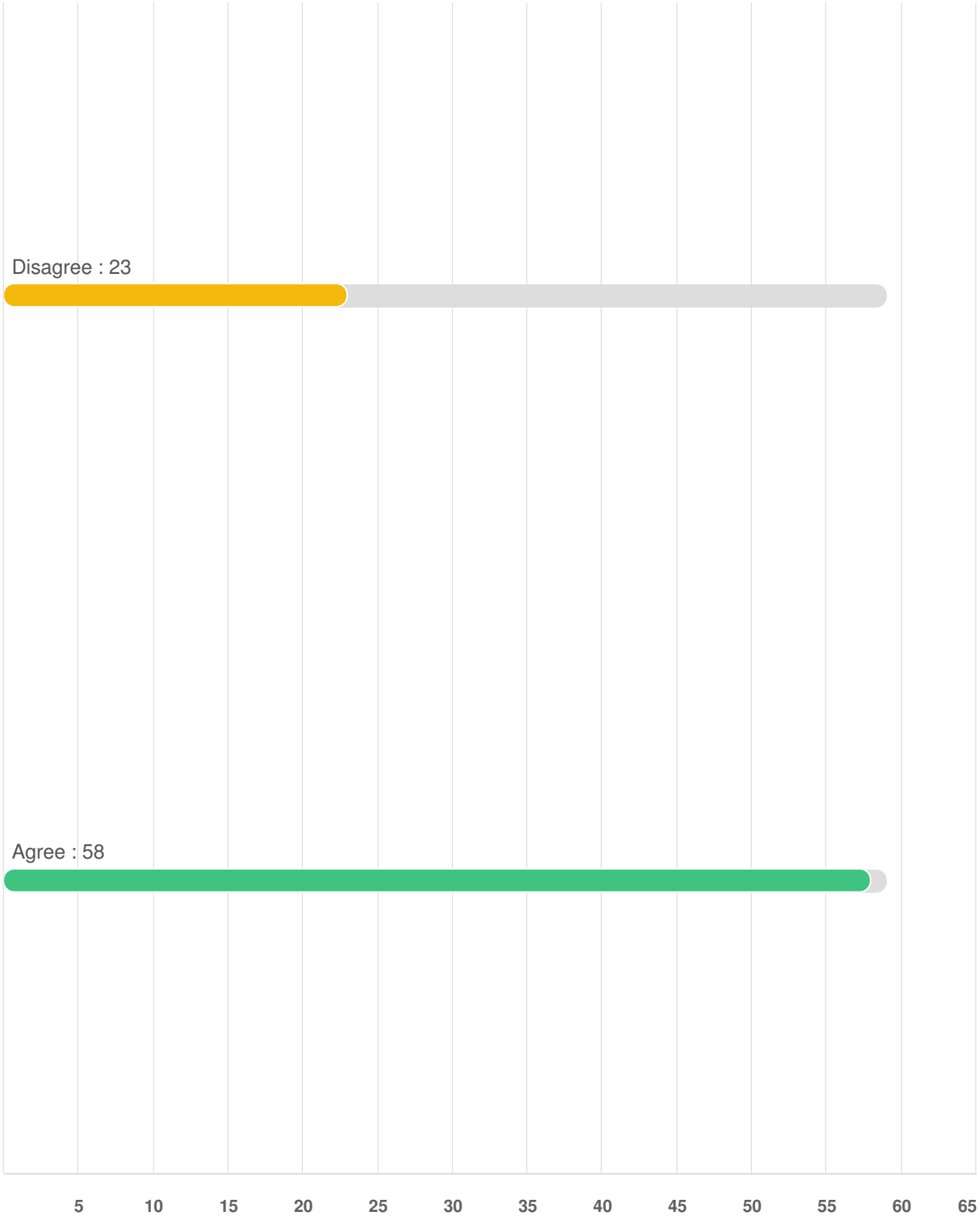

Improve Safety
Disagree : 5
Agree : 76
10
20
30
40
50
60
70
80


Intersection Improvements
Disagree : 7
Agree : 74
10
20
30
40
50
60
70
80

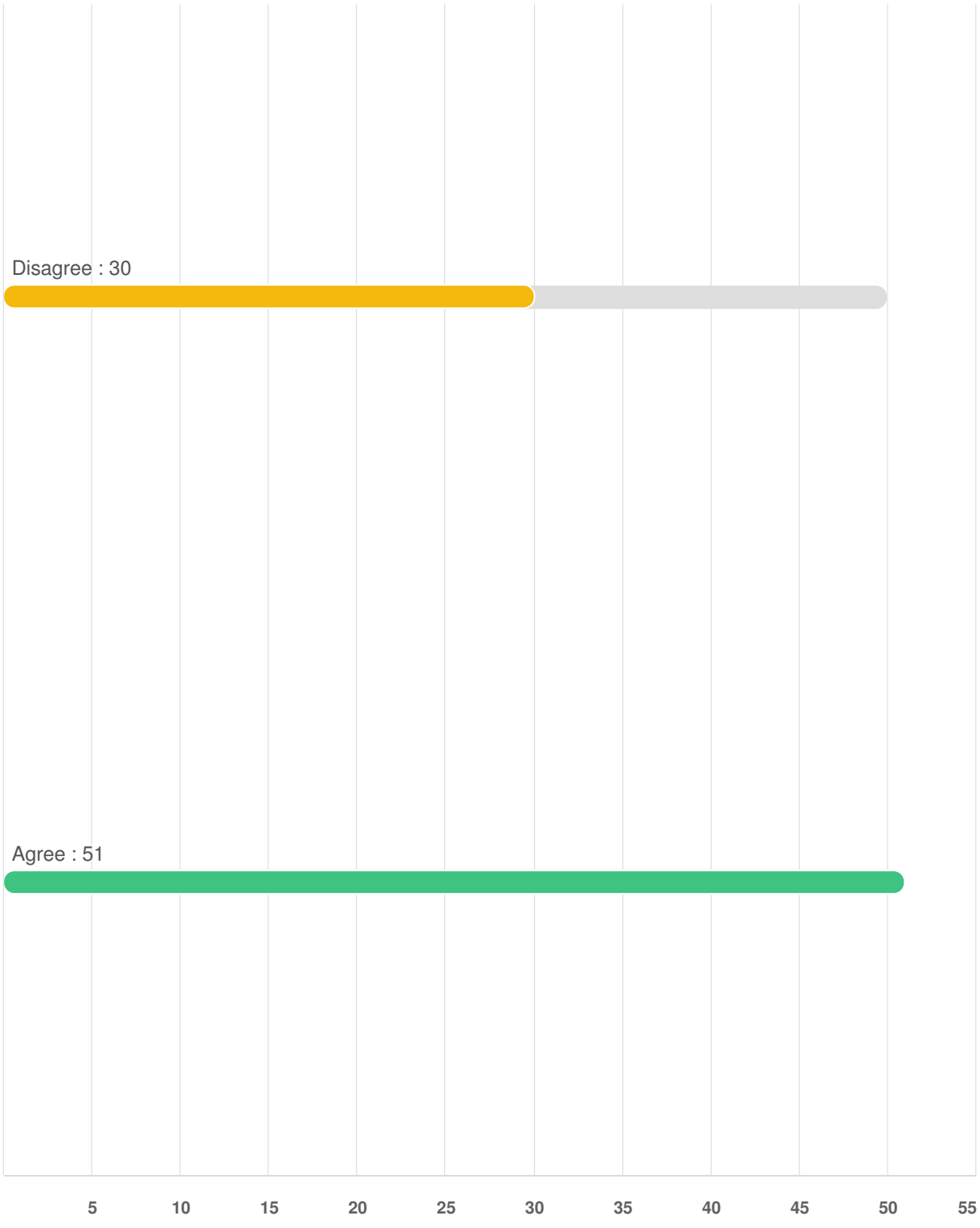
Lack of Road Connectivity (Need additional N/S and E/W roads to provide route alternatives)



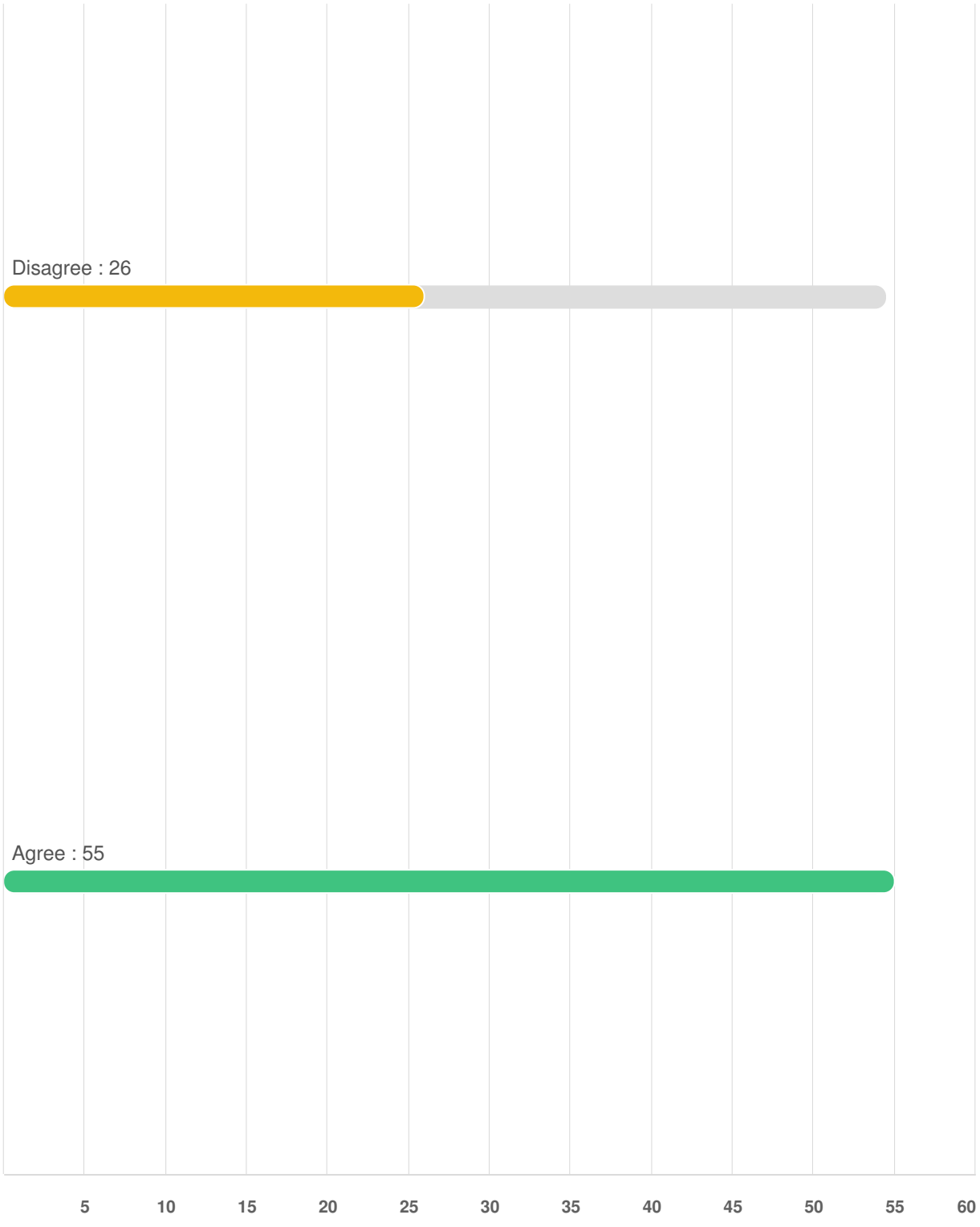
Natural and Man-made Barriers (rivers, parks, commercial and residential development)



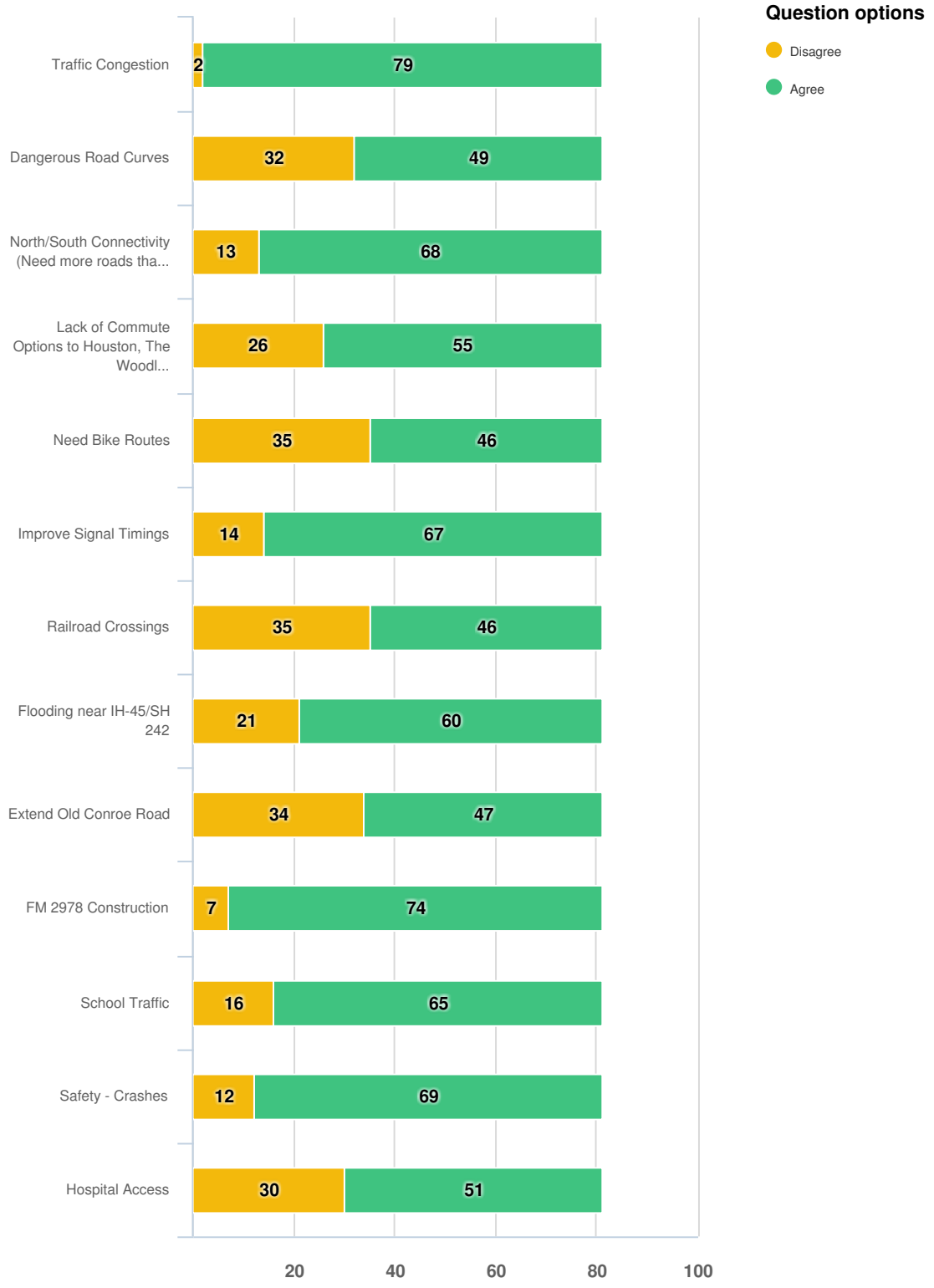
Limited Transit Options



Limited Number of sidewalks, and Hike/Bike trails



Q7 The following transportation issues have been identified by the Steering Committee and Stakeholder Groups in the study area. Do you agree or disagree?

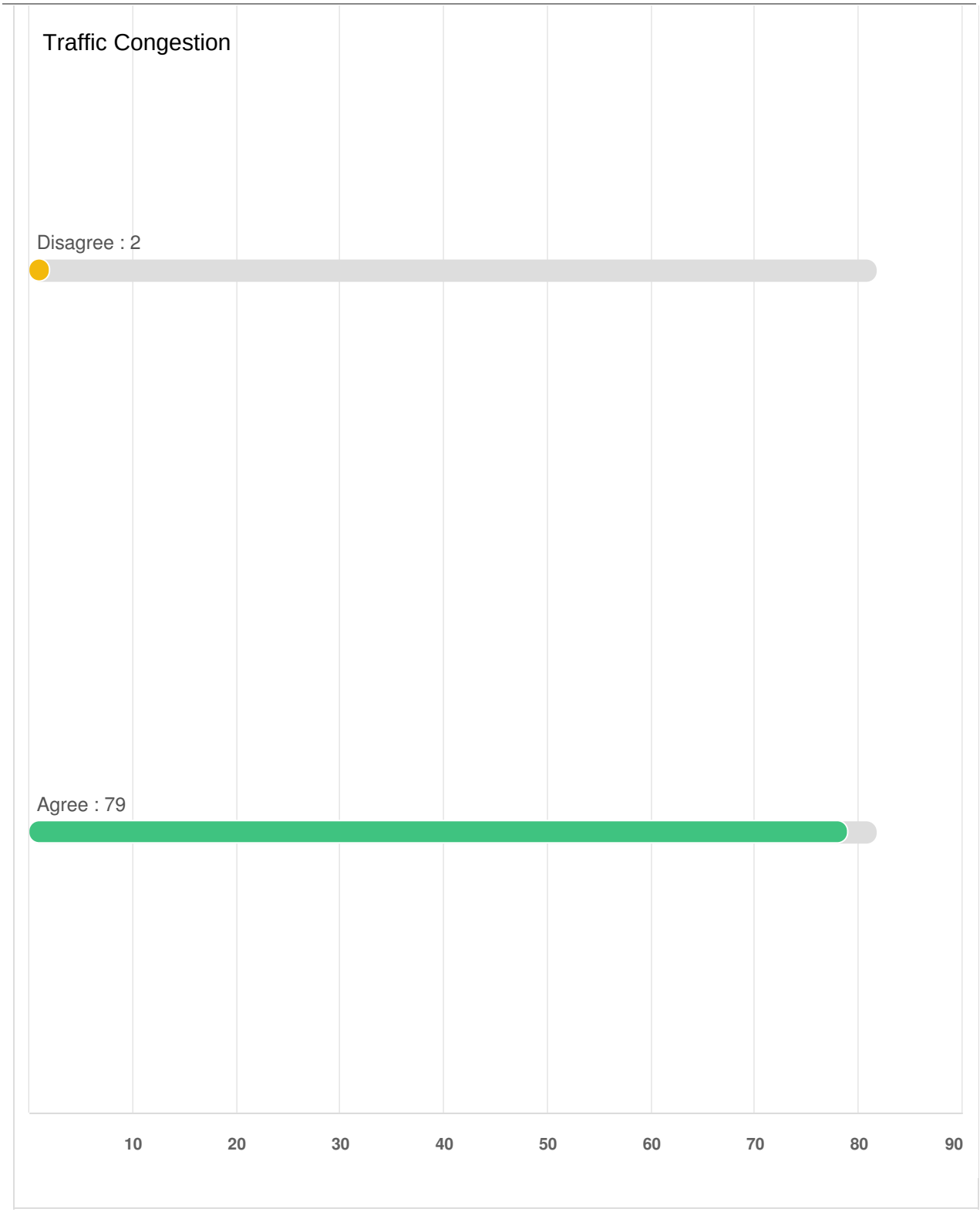


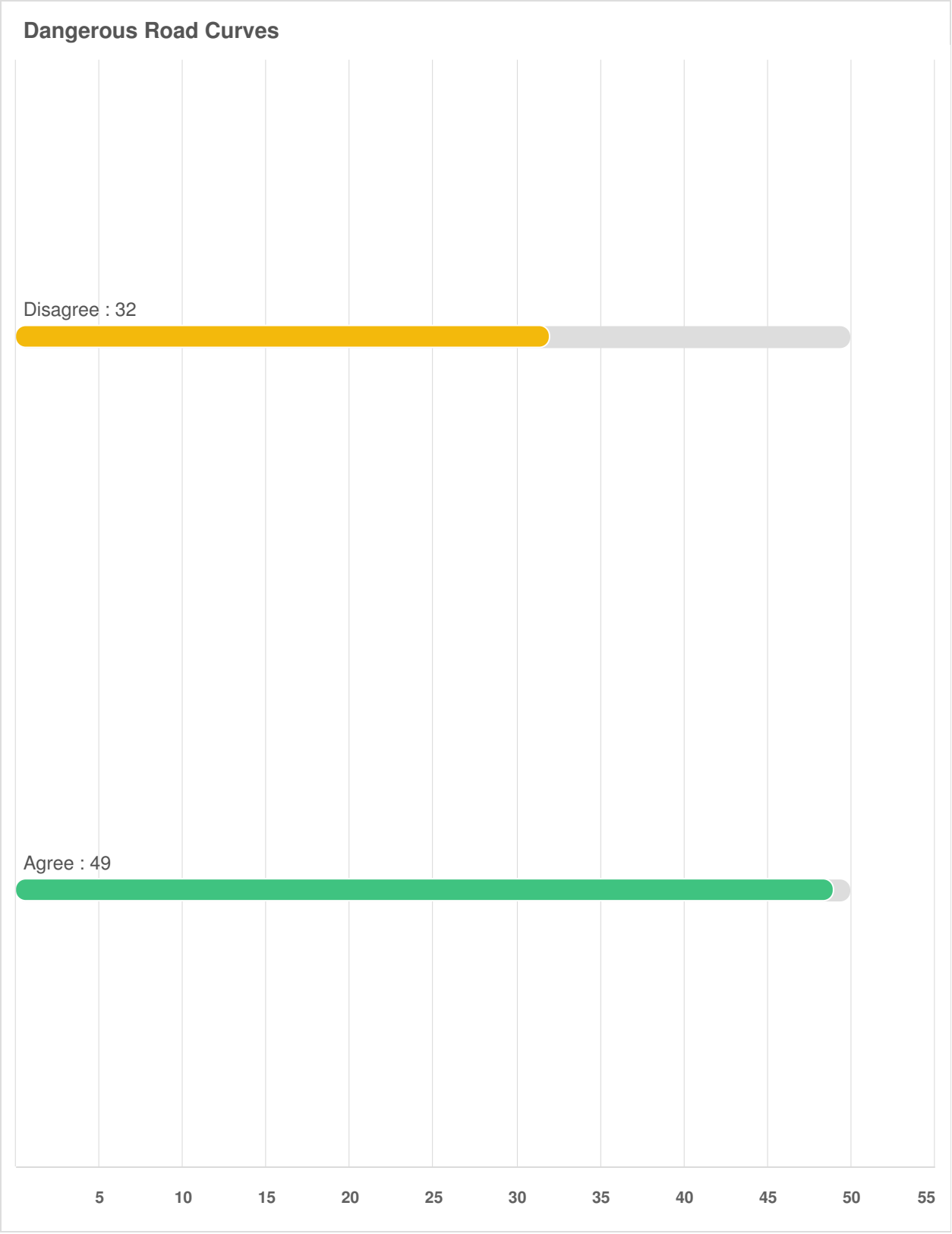
Mandatory Question (81 response(s))
Question type: Likert Question

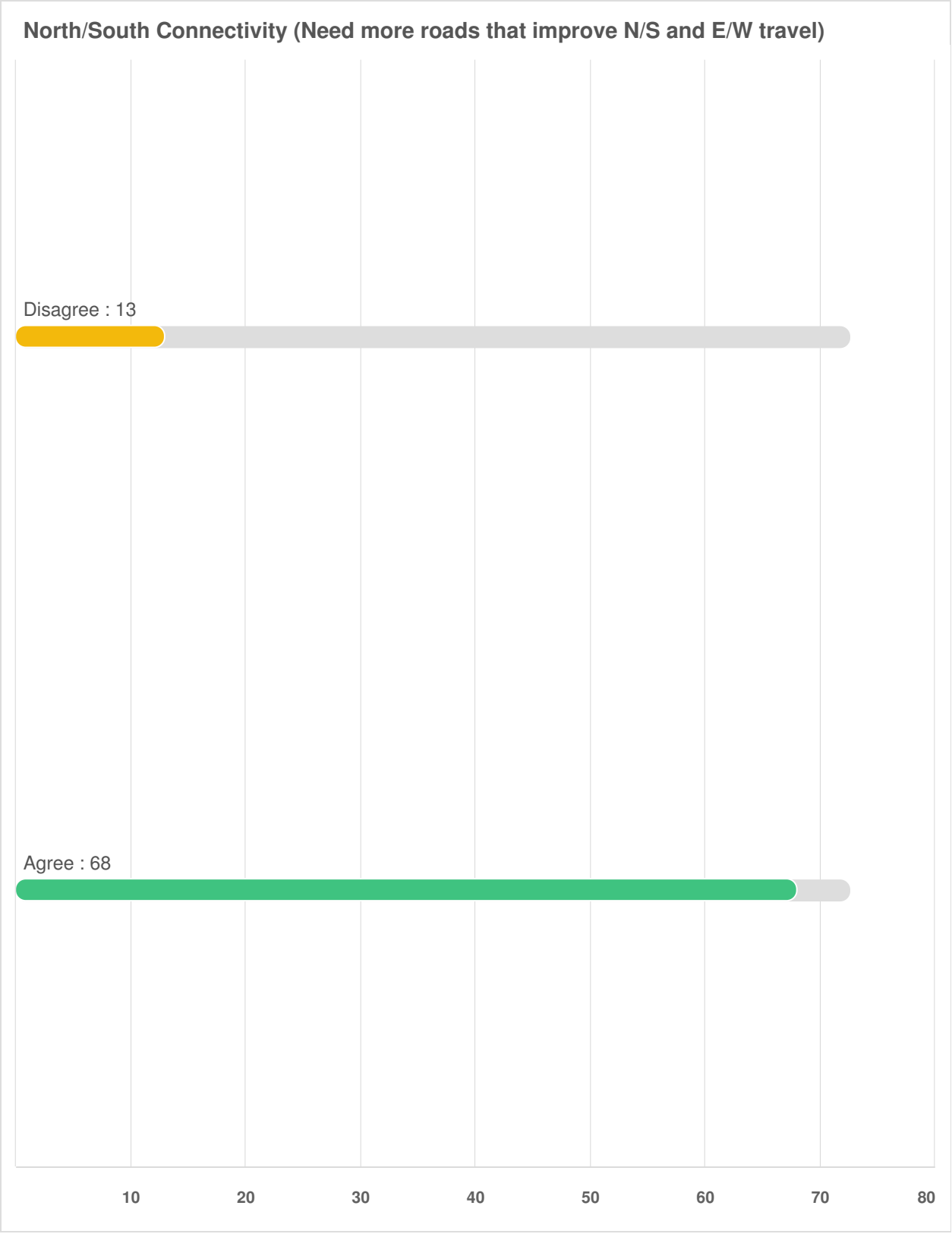
Q7 **The following transportation issues have been identified by the Steering Committee and Stakeholder Groups in the study area. Do you agree or disagree?**

Traffic Congestion

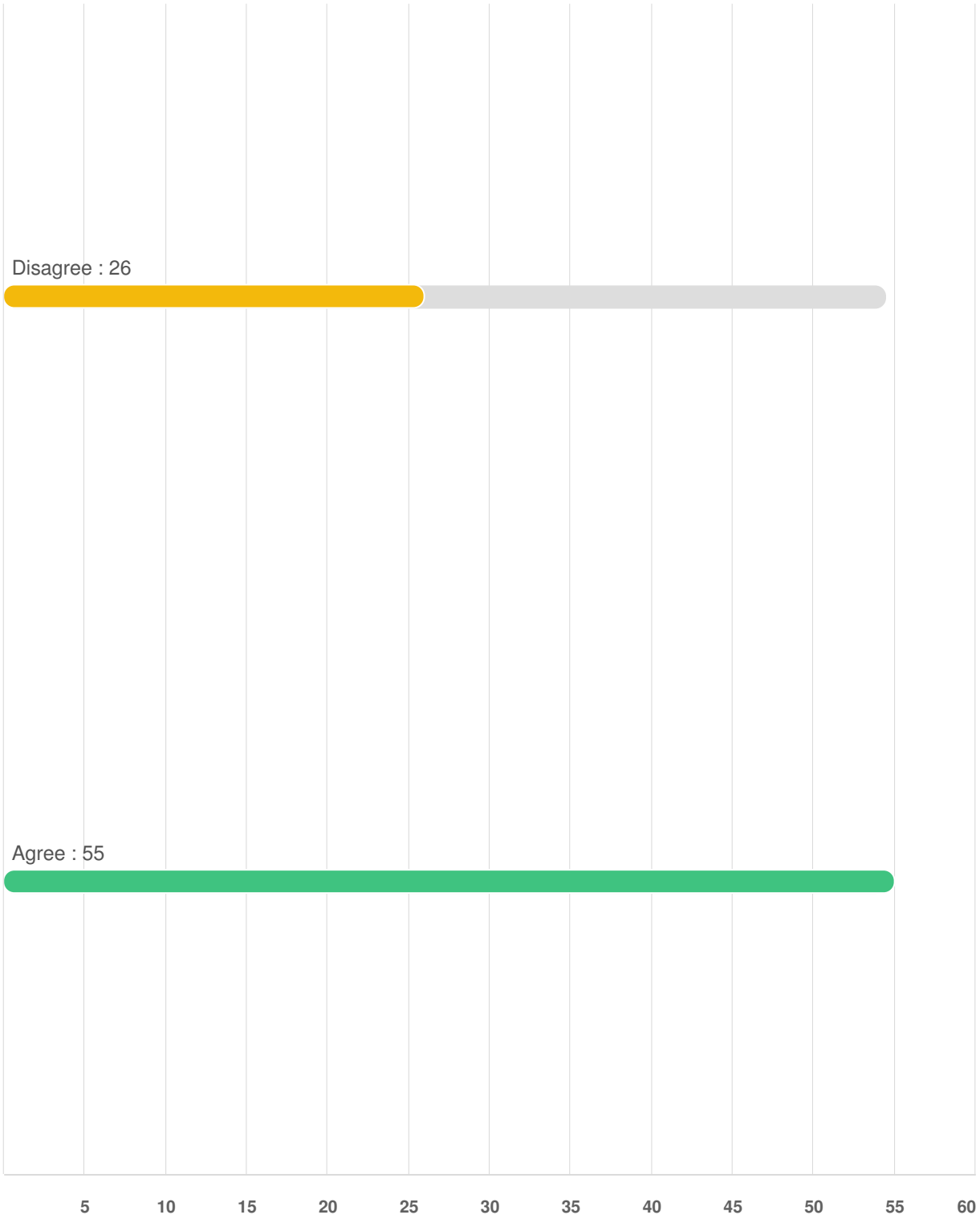
Results on next page.

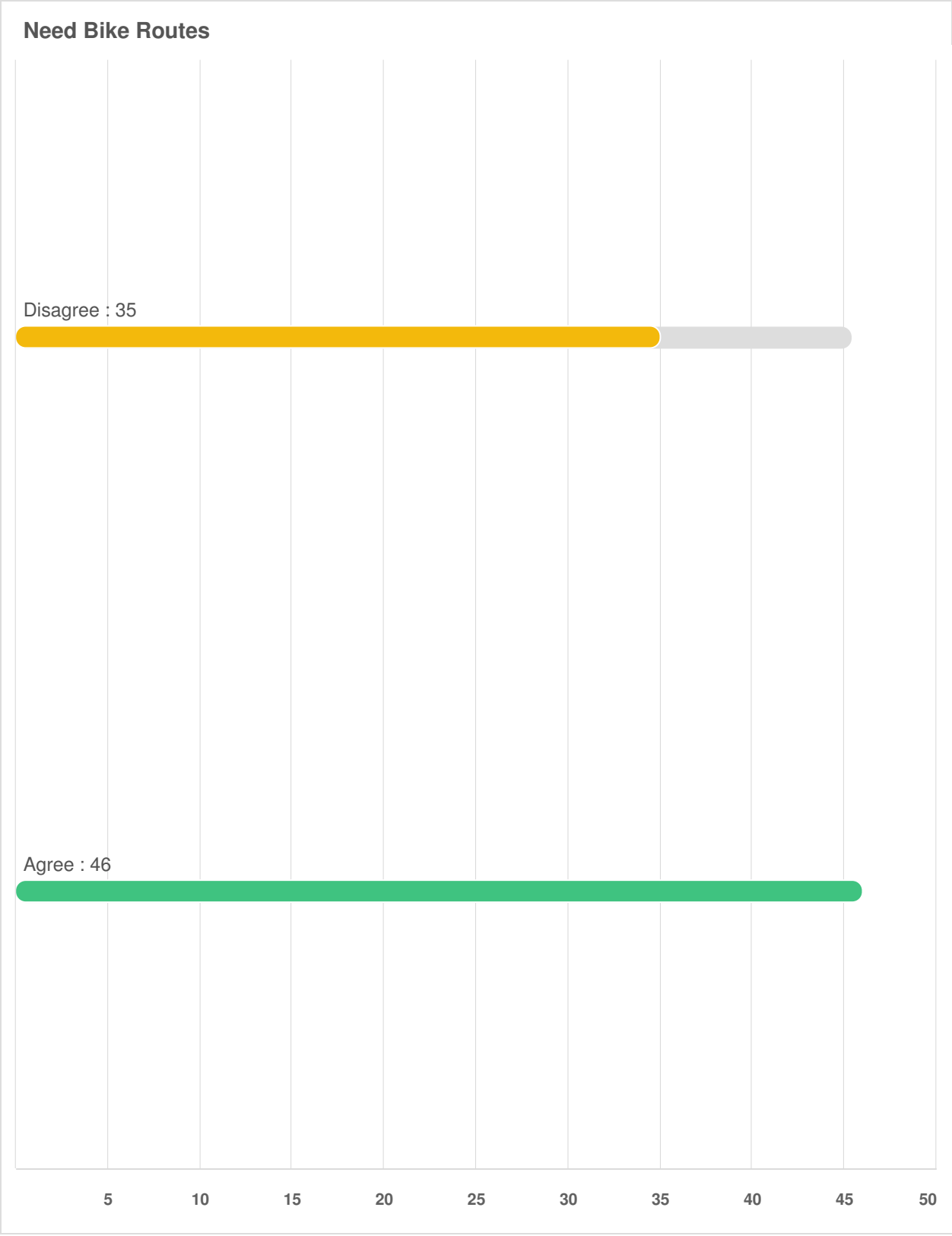

Traffic Congestion
Disagree : 2
Agree : 79
10
20
30
40
50
60
70
80
90


Dangerous Road Curves
Disagree : 32
Agree : 49
5
10
15
20
25
30
35
40
45
50
55

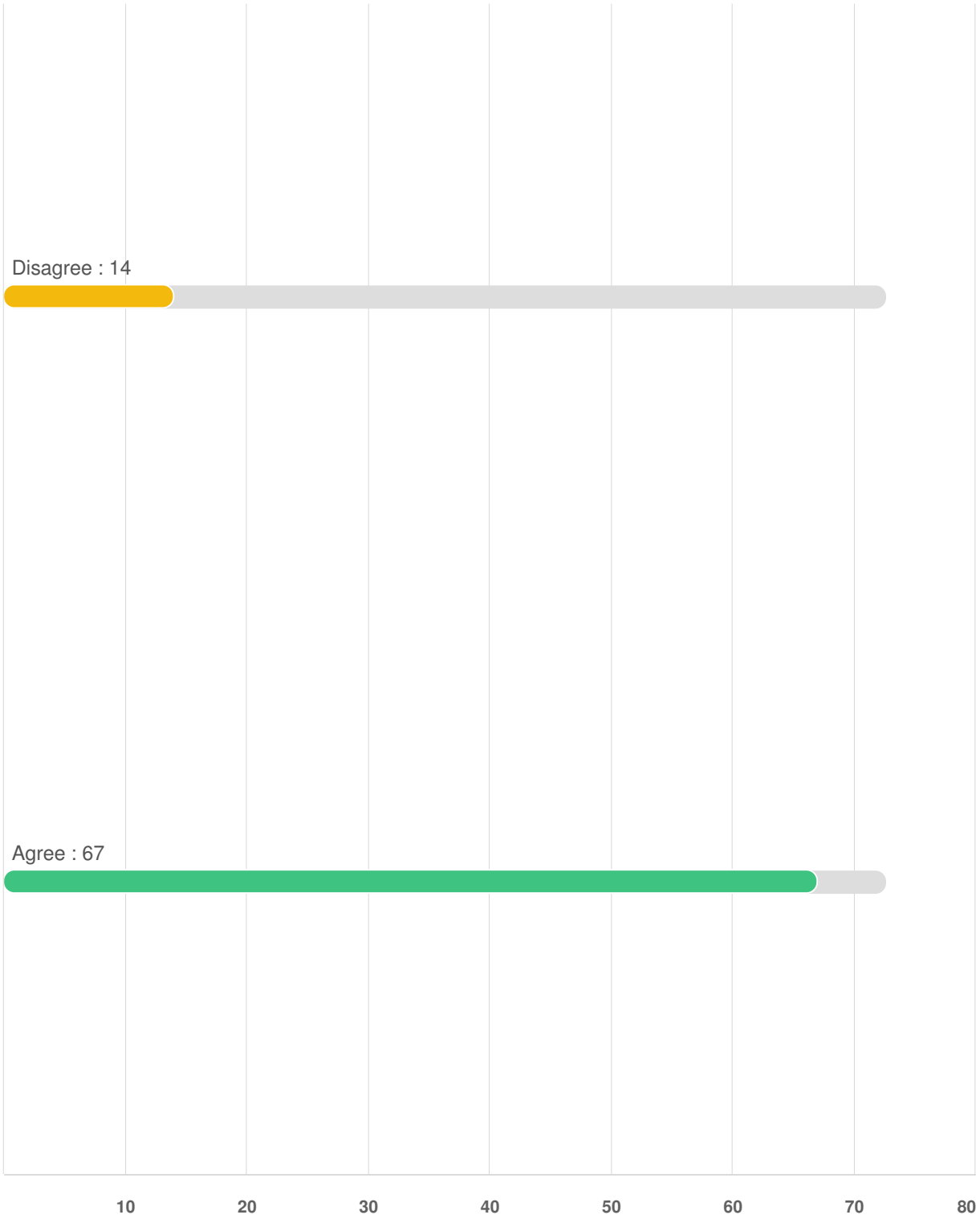

North/South Connectivity (Need more roads that improve N/S and E/W travel)
Disagree : 13
Agree : 68
10
20
30
40
50
60
70
80

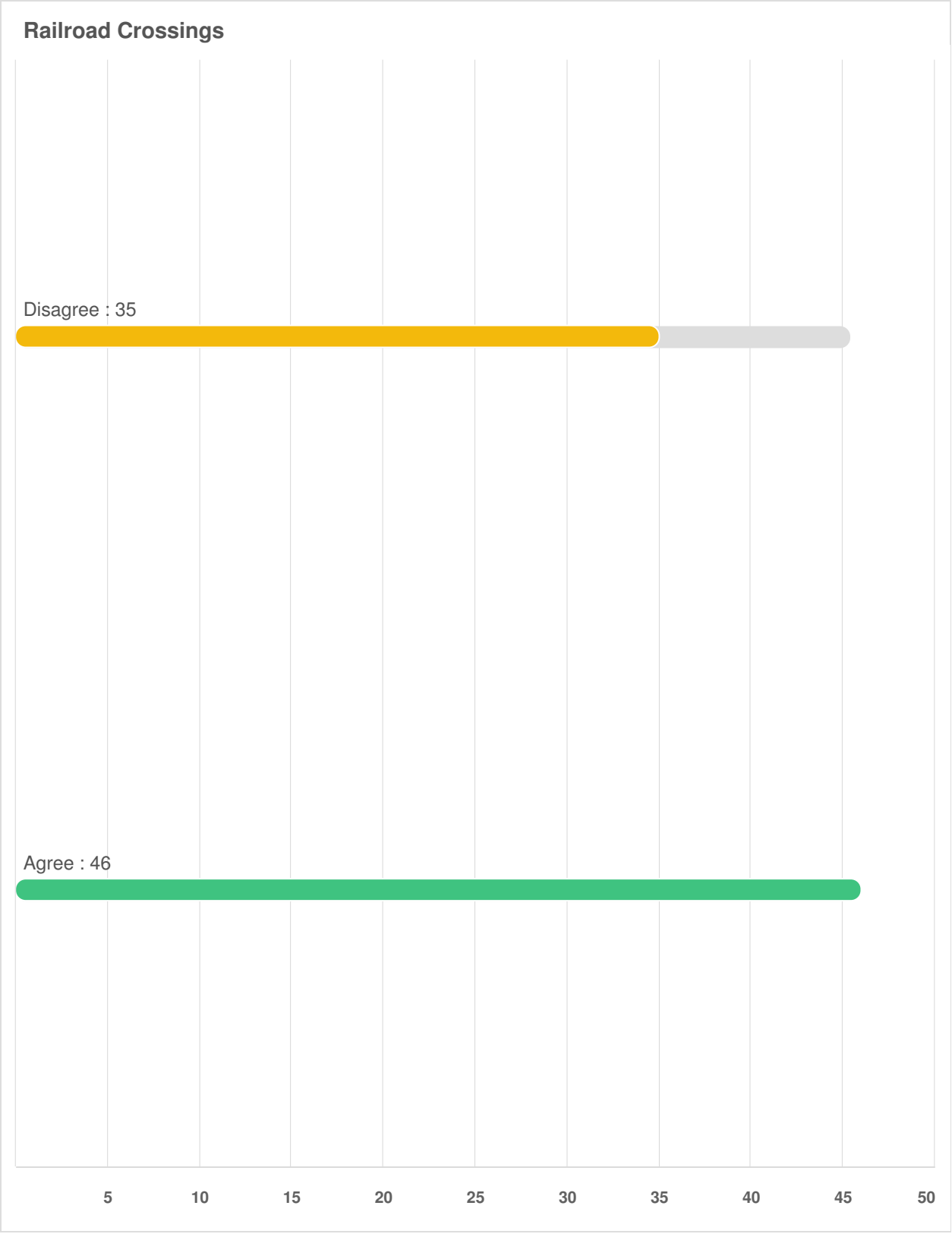
Lack of Commute Options to Houston, The Woodlands and Conroe



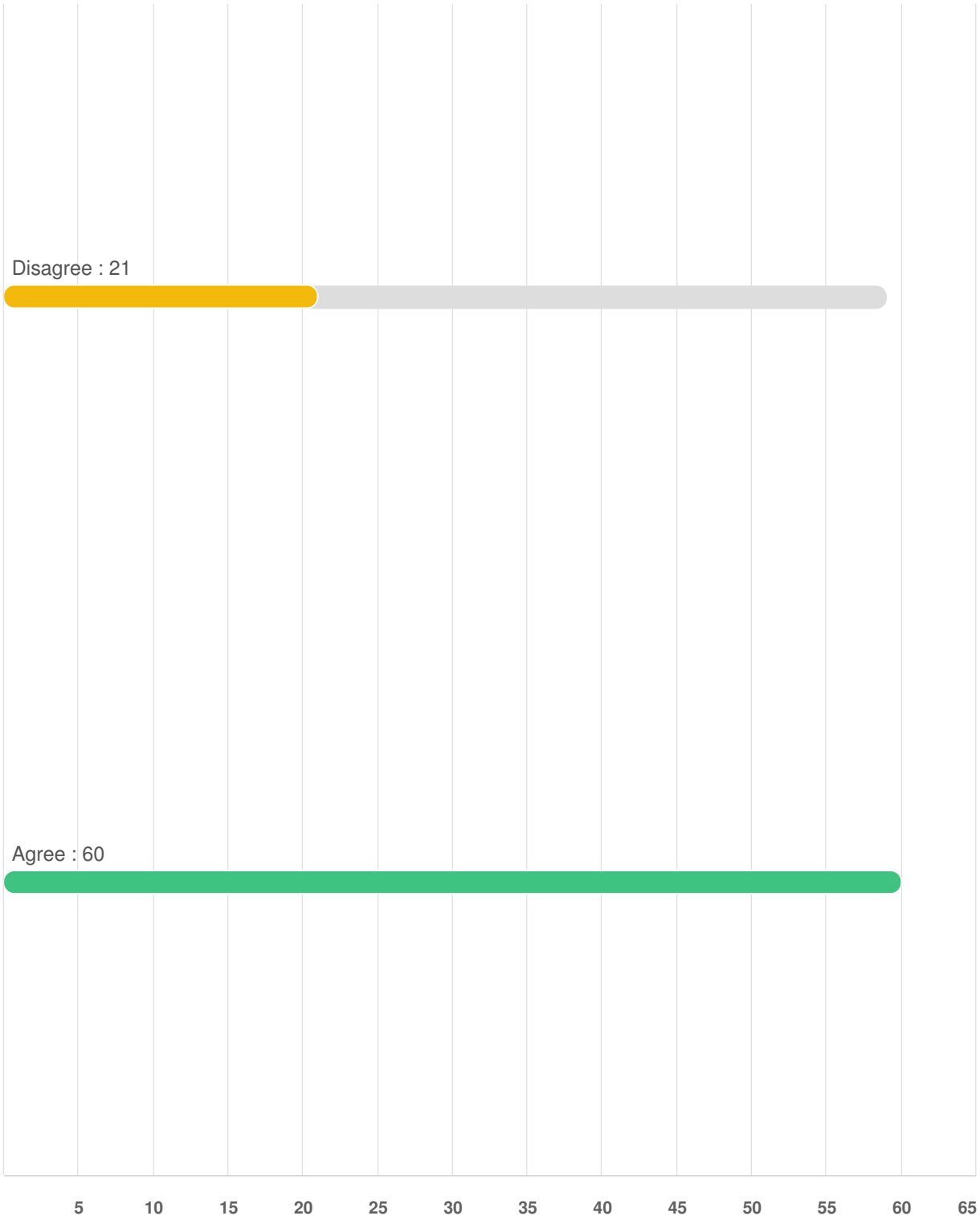

Need Bike Routes
Disagree : 35
Agree : 46
5
10
15
20
25
30
35
40
45
50

Improve Signal Timings

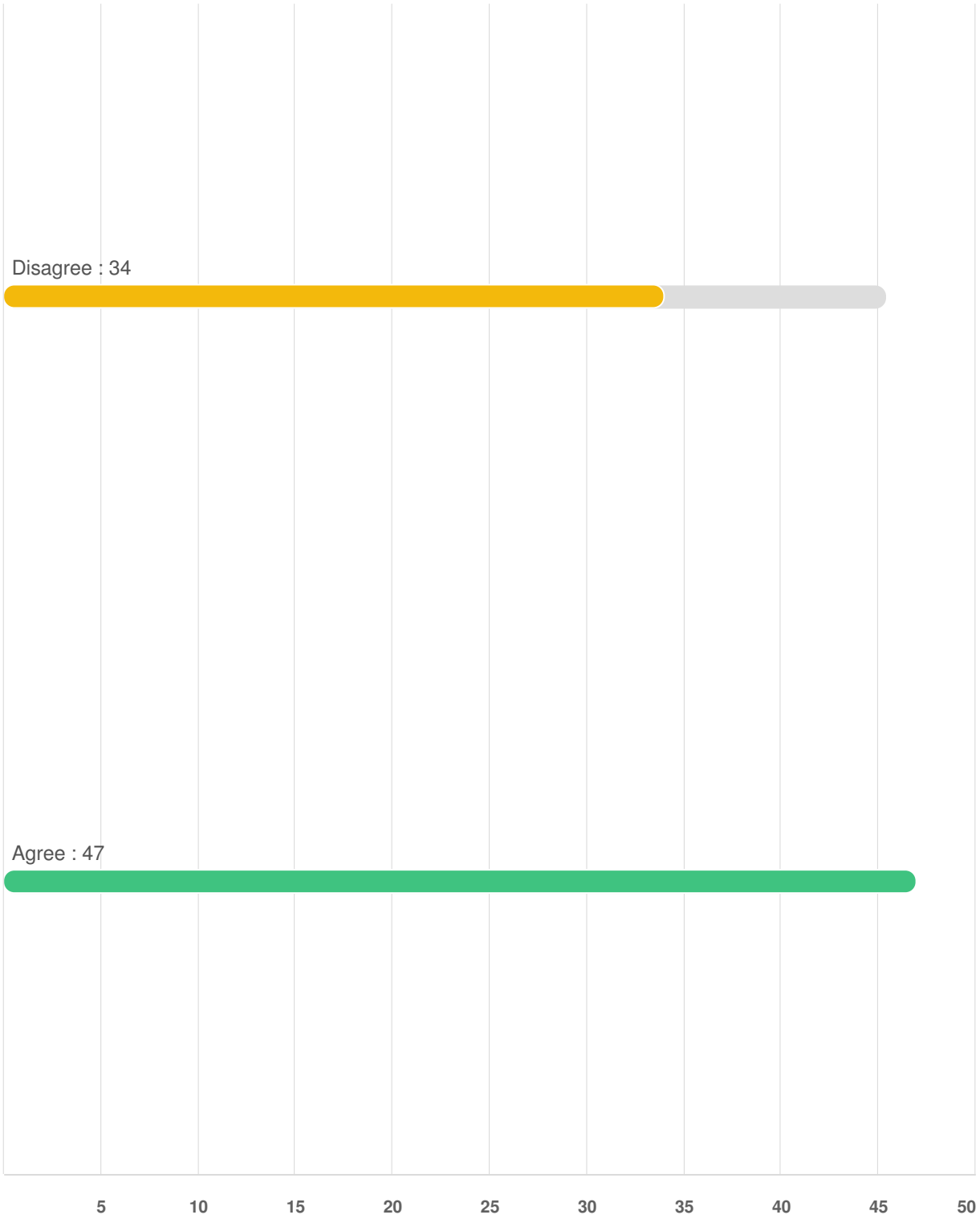


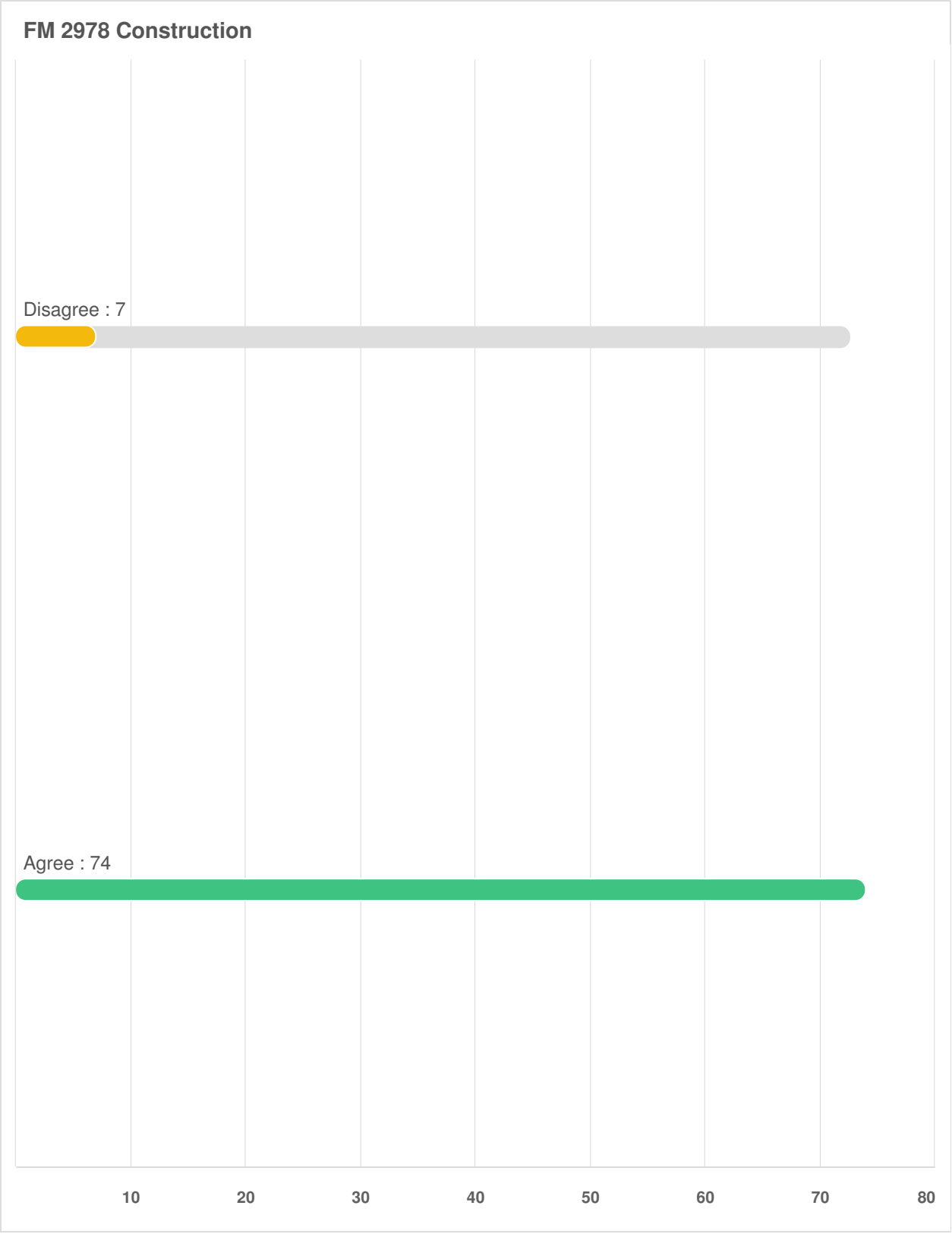

Railroad Crossings
Disagree : 35
Agree : 46
5
10
15
20
25
30
35
40
45
50

Flooding near IH-45/SH 242

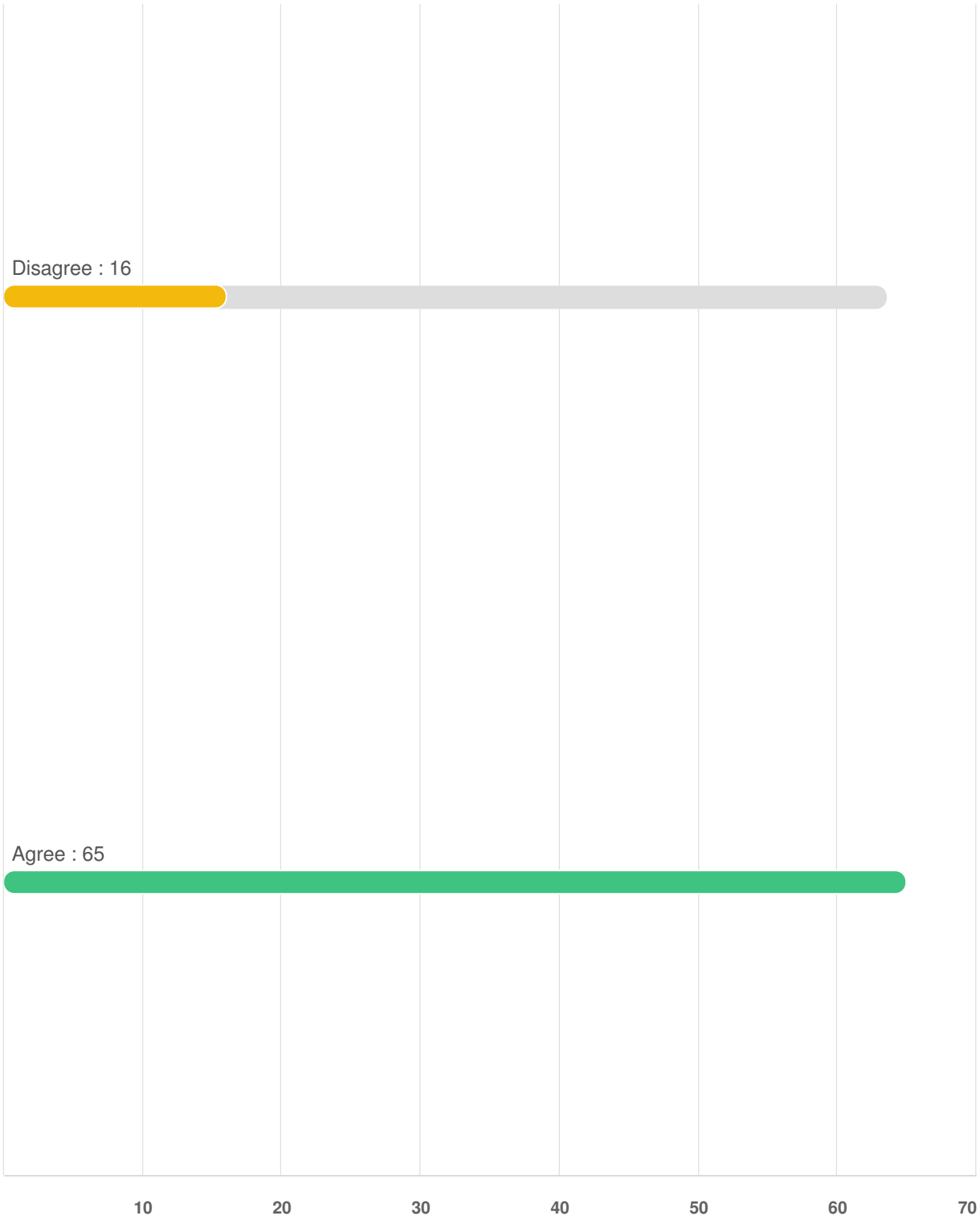


Extend Old Conroe Road

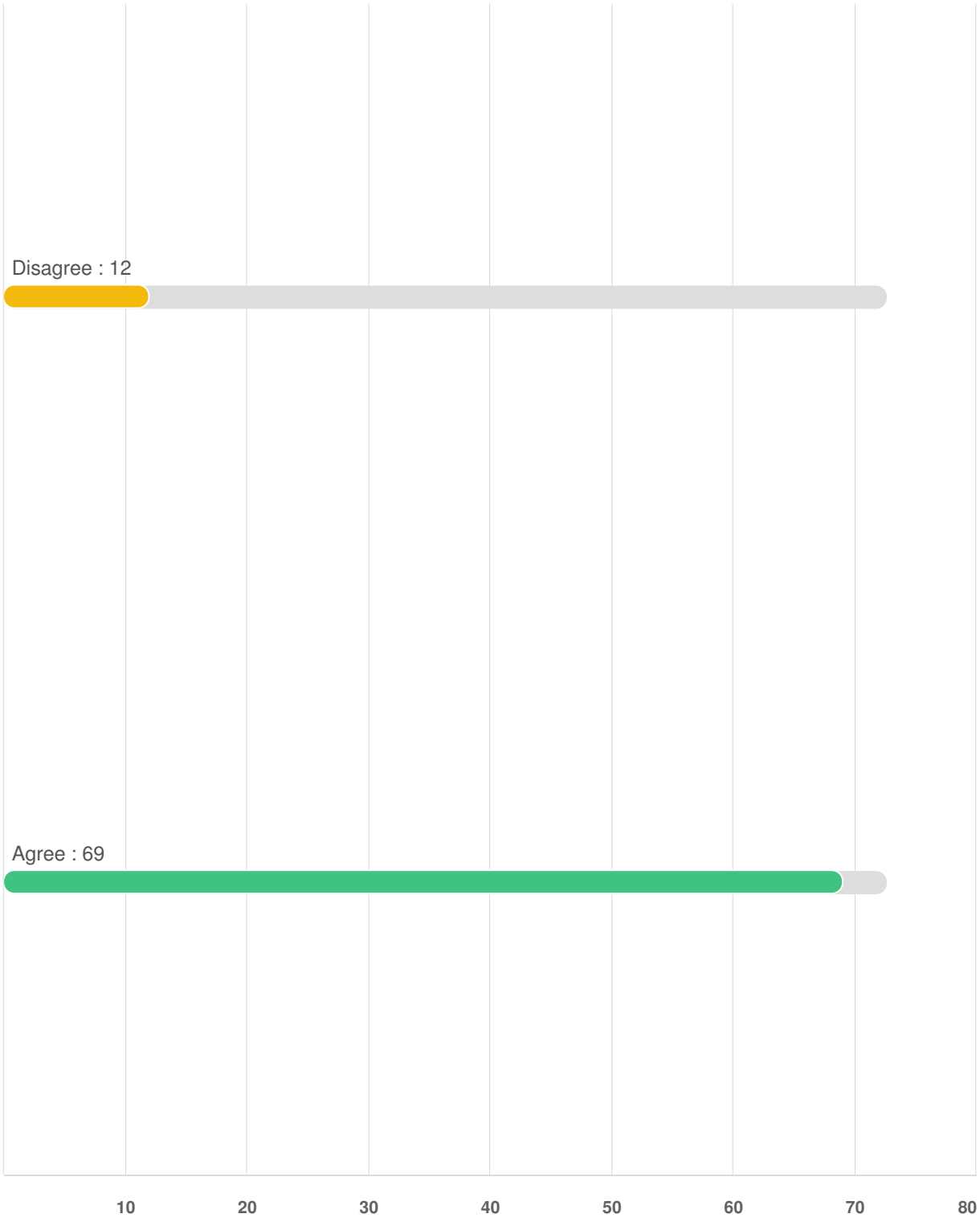


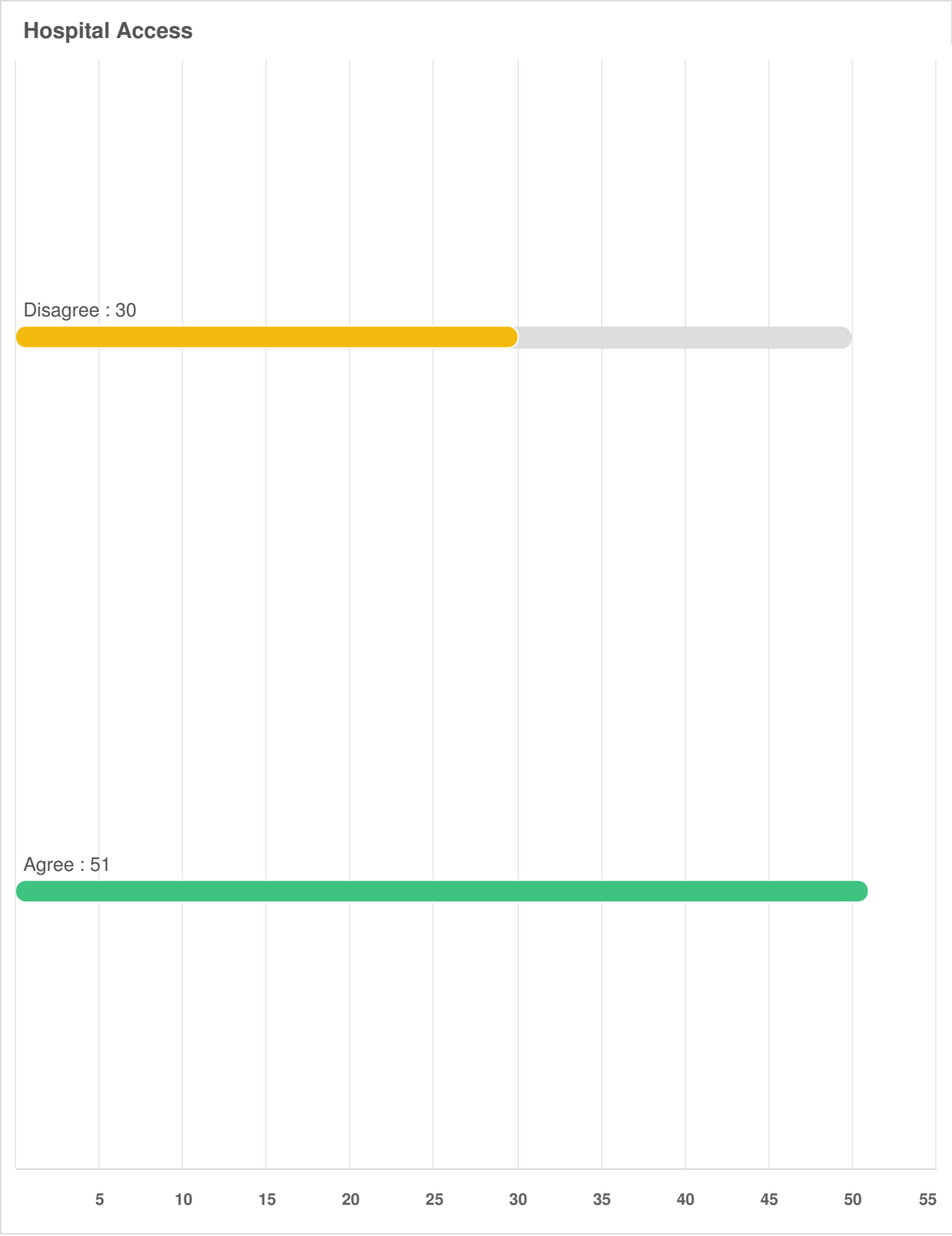

FM 2978 Construction
Disagree : 7
Agree : 74
10
20
30
40
50
60
70
80

School Traffic



Safety - Crashes




Hospital Access
Disagree : 30
Agree : 51
5
10
15
20
25
30
35
40
45
50
55

Q8 **What transportation issue would you rank as the most important to address? (Rank by most (1) to least (7) preferred)** Note: the lower the number, the more important.

OPTIONS	AVG. RANK
Install Right/Left Turn Lanes	2.99
Build New Roads to Provide Alternative Routes and Minimize delays	3.09
Improve Signal Timing	3.11
Install medians to improve safety on major roads	3.52
Straighten Road Curves	4.56
Build Hike/Bike Facilities	5.25
Need for Additional Park and Ride routes to Houston, The Woodlands, Conroe, etc.	5.49

Mandatory Question (81 response(s))
Question type: Ranking Question

Q9 Ideas, Thoughts or Comments?

We could use some mass transit options

Complete the 242 flyover. The congestion on the northbound I-45 service road and on 242 eastbound are horrendous. Also, push for the completion of the I-45/Grand Parkway (eastbound) interchange. There's no excuse for a 45-minute drivetime from Shenandoah to Spring Creek in the afternoon.

Fix the signal timing on FM 1488 and SH 242. Need more law enforcement enforcing the speed limits and wreckless driving.

FM 2854 could use more turn lanes. SH-105 could use a raised median for access management. Turning 149 into a major Montgomery to 249 connector would be helpful (less stop signs, safer road bends, perhaps widen) Egypt to Conroe connection via Old Conroe is very much needed.

Speed limit on 2854 @ 60 mph is crazy, especially compared to a 45 mph limit on Fish Creek which is a much better, modern road. I cannot fathom why such a high speed limit on 2854 - single lane each way with no barrier. Nobody goes 60 - generally even faster - yet there is never a cop to be found.

Do something ASAP about congestion on Old Conroe Road and at the intersection with 1488.

My husband and I live in Woodforest which is a master planned community, so although we have access to hike and bike trails in our

neighborhood there is not many other trails outside of the neighborhood. My parents are moving to Montgomery County and their one draw back is they wish there were more bike trails (although they do love the area!). In addition, due to the level of people moving in and the fact there are only two lanes for each travel route on 1488 especially, traffic is extremely congested in the morning. When I used to drive to the energy corridor, it would take me 45 minutes just to get from my house to highway 45 (in normal conditions, this would take maybe 15-20 min).I also agree the lack of medians and traffic moving very fast in both directions is very conducive to higher accidents. There are also a lot of wild life that crosses the roads (deer especially), so it can be very dangerous driving at night or early morning. I do love Montgomery county and excited to see what the study may bring to the area. :)

We need more bike and hike opportunities. Please do not leave these out of construction plans.

Cut through road behind Portifino shopping center to 242 to ease traffic on northbound feeder. I don't know what can be done to improve issues with traffic coming out of the shopping center onto the feeder but that area is so dangerous I try to just avoid going there. More designated and separated bike lanes in general throughout the area would be awesome as well. It would be nice to be able to safely ride down fish creek throughfare to connect with Research Forest. There are a lot of bicycle riders that ride that very narrow shoulder and I feel this is dangerous for them as well as cars

that swerve into other lanes trying to give them space.

1. 1488 is getting out of control and normal traffic hasn't even return yet, left turns need to be minimized 2. Honea Egypt Road needs lots of work, no shoulder/bike lane for cyclists currently, very patchy, poor signage for how dangerous the curves are, no striping in many locations

Traffic congestion around FM 1488 and the FM 149, the high school, railroad, and Spur 149 are going to be a mess for the foreseeable future, first with the construction of HEB and surrounding shopping center. Then all of the shopping traffic. The time is now to plan and construct better roads and intersections to deal with the increased traffic. It is not really IF just when.

Spru 149 has tremendously become over congested, many vehicles speed thru an area that really should not exceed the speed limit. I believe by improving the infrastructure around hwy 249 and adding other alternative roads leading towards 1488 would provide additional routes one can take. Spru 149 should not be touched as many residential areas are on either side of the road. By lowering or getting rid of the toll $$ leading to 1488 would encourage more driver to stay on hwy 249. Just a suggestion. My understanding 20+ years ago tolls were designed to pay for the construction of the hwy and then they would be removed, but it seems that its become a money maker for counties.

Thank you for your efforts. Regarding the Montgomery County Thoroughfare Plan showing widening

of roads like Alden Bridge and Cochrans Crossing, where Commissioner Riley has stated those don't have any plans for widening, yet they show as such on the map to illustrate roads that have 'capacity' for widening. Perhaps symbolize them differently. Some in The Woodlands take those literally and it's impacting home sales along those roads. Perhaps an additional category such as 'No widening planned, but capacity' to better illustrate those unique situations.

Add street signals off 1488 subdivisions with turn signals.

FM 2978 been under construction for too long. This is N/S alternative route that needs completion soon. Traffic during school hours and rush hour is very congested and dangerous due to construction. Honea Egypt bypass to Research needs to be widen as well.

Synchonize traffic lights, get rid of the center lane suicide option

Raised or live barrier center medians and turn lanes would reduce congestion, eliminate illegal passing in the center lane, and improve safe mobility.

149 between the new 249 toll road and Spur 149 is experiencing worse traffic congestion than before the toll road was built, as it used as a shortcut by drivers to get on 1488 east bound from SH 249. This has created a dangerous condition at the Spur 149 intersection and at the subdivision and residential exits onto 149, particularly during rush hours (my neighborhood's only entrance/exit is onto 149). Prior to

the toll road completion, there were frequent breaks in the traffic in both directions; the breaks in traffic are less available now. We are considering moving out of Montgomery County as the road development and traffic management have not kept up with population growth and residential/commercial development in the area, which is curious because I'm sure tax revenues have grown in tandem, i.e. funding should be available unless it's being squandered on other projects. We avoid 1488 between Spur 149 and I45 due to the traffic issues, but have few other reasonable choices for transiting west. The only other available routes for transiting west are much longer and out of the way, but allow easier transit (Dobbin Huffsmith, Hardin Store Road, FM 2854, FM 2920, and 99) I'm sure that very few people out here would favor bike trails, medians, and mass transit options over just widening existing two lane roads used as major thoroughfares (149, 2978, Hardin Store Road, etc.), providing additional north/south and east/west corridors, and adding traffic signals where through traffic is causing dangerous conditions.

More dedicated right turn lanes with delineators to keep traffic flowing throughout the county. Need delineators at I45 southbound feeder road onto west bound Research Forest drive. The sign “keep moving” doesn’t appear to work for the drivers. Traffic going southbound on I45 feeder from 242 needs a closer entrance to get onto I45. They travel down the feeder road too far which adds to the congestion. They criss cross the traffic trying to get onto I45,. They should have never

changed the egress and ingress years ago. That's when the congestion started. Need a dedicated left turn signal or some better signage at Grogan's Mill Road northbound at Research Forest. Too many drivers go straight (north)from the left turn lane and cause accidents when the East lane also turns west. Driver did this yesterday to me. Good thing I was going north and not west or else I would be in the hospital. I have addressed this for years and nothing has changed. Need a 2-3 second delay in lights. If the opposing signal didn't turn green for 2-3 seconds, it would result in less accidents on Grogan's Mill road and Research Forest from the cars that blow thru the red lights on Research Forest. I have almost been hit on this corner several times (lived here 15 years) even though I was the 3rd car proceeding thru the intersection after the light turned green. Put up a red light violator camera at Grogan's mill road and research Forest. This will save lives and reduce the accidents on this most dangerous intersection in Montgomery county (I live 2 subdivisions north of this intersection and travel it every time I leave the house). Too bad if people voted against it-of course the violators don't want tickets-you need to help reduce the accidents here. Make sure the light on northbound Grogan's Mill road at Research Forest remains green for more than 1-2 seconds after 10pm at night. I have requested this to increase years ago, it was increased, and then went back to (1-2 seconds-I have video), and then corrected. Not sure why they keep changing it to a dangerous situation. Install some barriers on the shoulder

on Grogan's Mill road by the Avalon Park (8585 Grogan's Mills Road- across from Dulcimer Woods subdivision) to force cars not to park so close to the walk way. They park here to go to the park and play tennis. I walk my dog here 4 times a day. I have to practically stand in the street just to see if cars are coming from the north. My dog doesn't always stand back and it puts him at risk of being hit because I can't see the cars going southbound because there are too many cars parked and too close to the walkway. Or a pedestrian cross walk signal would help too (I really prefer this by the park). This would also help the kids who get off the school bus. I have witnessed countless cars blowing around the school bus as I was there for my kids getting off and on the bus for years. I love the continuous flow (with delineators) on northbound I45 (by homedepot) coming from the southbound feeder at Research Forest. I think I read they are working on 6 lanes on Research Forest/Tamina by Home Depot. There should be a dedicated right turn lane going onto I45 northbound feeder road from westbound Tamina road. Also need a dedicated (keep flowing lane with delineators) at David Memorial drive southbound going onto westbound Tamina by Home Depot. This will keep traffic flowing. I liked when they closed the crossover space into Home Depot off Tamina. I shop in Portofino weekly and usually use David Memorial Drive as the feeder road as a traffic nightmare all day long. This road will see increase traffic once they finish the connection to 242 from David Memorial.

Turn lane badly needed on FM 149 &

5/01/2021 02:22 PM	Herring Road which is entrance into Rolling Forest Subdivision. We just moved here and bought a home in Nov 2020 in Foster's Ridge. Our backyard is on the corner of Old Conroe Rd and Thunder Basin. We are very concerned about: 1) increased traffic on Old Conroe Rd if it were to be widened...especially if large trucks were to be permitted on it. The construction vehicles are already noisy. Also: 2) the intersection of Old Conroe Rd and 1488 is too congested and there is a large, dangerous pothole on the right side that needs repair. (by the entrance to Noe's crepes) 3) the center turn lane on 1488 seems dangerous. We already saw a head on accident the other day. This project must be linked to all other similar regional studies to ensure maximum coordination and therefore eventual TexDot funding. The proposed Magnolia Relief Route project is no longer needed now that FM 249 extends to FM 1774. That section provides a shortcut to the Renaissance Festival which seemed to be the main purpose of the Relief Route.
	Light timing so traffic MOVES...
	Disagree with the extension of Old Conroe Magnolia Road. This will increase traffic and take away too much from existing front yards. Fish Creek Thoroughfare is sufficient as a N/S option. 1774 and 1488 intersection still

5/12/2021 02:07 PM	backs up at the light mainly because of the cement trucks and dirt 18 wheelers which cannot move as quickly through the light. Also, the dirt 18 wheelers use Old Hockley rd. through Old Hempstead rd. to avoid the flyover congestion which is extremely dangerous during school commuter traffic to Magnolia West. They run back and forth from 6:00 AM until dark which is also destroying the road surface and usually speed around the curves. It will take an act of GODLY proportions to get Union Pacific to agree to another rail road crossing in Old Magnolia. But, that would solve so many issues. Two crossings for as many people that live here is definitely not enough. If you live in the new magnolia area (2978 & 1488) it is a joke in the mornings regardless of the route taken. A commute that should take only 15 minutes to I-45 takes at a minimum 30 minutes, and that's on a good day. 2978 construction has taken WAY too long to be completed. Drainage should be improved along with any road improvements FM 2978 around BBJH and BBIS is a disaster and has been for many years. This construction is way overdue. Ken Lakes Dr. needs to be widened to accommodate all the school bus traffic and car line traffic. It is ridiculous to have to bus barn for the east side of the district be on a road where the school buses cannot pull into traffic safely. Tamina Road could use some upgrades since this is being used by school buses as a cut through to avoid the FM 2978 and FM 1488 intersection.

While I am confident that the exploding population in our area/county and associated additional vehicular traffic has a great effect in other areas of our County, I will concentrate my comments on the FM 1488 corridor in and just outside the City limits of Magnolia. I think we can all agree, that when it comes to the intersection (and immediate area) of FM 1488 and FM 1774 (on both sides of the R.R. Track) that this has become not only a ridiculously congested intersection, it also become a dangerous one. While TxDot did its best by planning and completing the flyover for FM 1774, this intersection remains an issue. In my humble opinion, there are four (4) main issues that plague this intersection - (1) The rail road - This being one of the busiest rail road tracks in all of Texas, it certainly does not help. (2) Poor planning by the City of Magnolia, allowing commercial businesses (particularly on the East side of the tracks) to develop that close to the intersection and have multiple approaches (driveways). (3) Let's pick on the City again - in addition to the commercial business in close proximity of that intersection, they continue to allow traffic to enter 1488 from Commerce street from both the north and south sides. While you have Melton Street on the East side of the intersection as well, it is controlled by a light - which actually gives people coming from the Exxon, Sonic, Whataburger (etc.) a better choice to re-join 1488 or go across. The problem with the west side is not necessarily with Commerce Street, its the human condition known as stupidity. Instead of exiting from Wal-Greens to the traffic control device (light) on 1774 -

or to 10th street if you plan on going west on 1488 - people find it necessary to leave on Commerce and try to make their way straight across to avoid the traffic lights. Ditto for traffic coming from the other side of 1488 on Commerce. I can't tell you how many accidents (or near accidents) I have seen right there because the right-of-way traffic traveling in the opposite (blind) lanes have no idea one of these rocket scientist are fixing to pull out in front of them. I have even seen School buses do this?! While it would not be practical for the City to shut down Commerce - they could EASILY force the traffic coming from Commerce into a ONE-WAY turning option. Let the cattle drive in circles for a few days, they will quickly figure out that the traffic control devices at 1488 and 1774 are the better / safer option. It's really just a matter of not giving traffic a directional choice when they are exiting from these commercial drives or streets that are way to close to the main intersection. (4) The light timing at this intersection for the East-West Traffic on 1488 is horrible. Not sure who to pick on here but TxDot - First, when they widened 1774 here (which was needed) the brilliant engineering firm that came up with the grading / elevations for 1774 /1488 as it relates to the crossings elevations - should be horse whipped. Not only does some low-boy trailer or heaver equipment hauler tear up the tracks on regular basis because of the elevation discrepancy there, it virtually slows the east west traffic down to the point that sometimes only 4-5 cars get thru the intersection on a cycle? While the north - south traffic on FM 1774 isn't getting any

lighter either - the larger traffic count and problem most definitely belongs to the East-West Traffic on FM 1488, which is also more heavily effected by the train traffic. And because of the aforementioned proximity of commercial development to that intersection allowed previously, not sure (regardless of how many lanes you widen 1488) there is any immediate solution to actually getting traffic OVER or UNDER the RR tracks at this location. In closing - while most the above are just comments, and not necessarily "thoughts" or "Ideas", I appreciate the opportunity to rant in regards to my daily traffic experiences. Living in Magnolia for over 40 years now, seeing the changes we have gone thru is really hard to get my head wrapped around sometimes. Knowing we can't go back to the town I grew up in, here's wishing you guys (and gals) nothing but luck and success in trying to figure it all out. **Closing note - I did at least hear a rumor that TxDot was working on the light timing issue for 1488 and 1774 - if its true, its sorely needed.

Speed limits may need to be re-evaluated. Some areas seem too low while others seem too high.

1488 and 2978 is a disaster. Serious delays, massive traffic sitting and waiting, ingress and egress from shops on the corners are a mess.

Please add more routes between 2978 and 1774. There are no good alternatives when there is a major accident on 1488.

Need another alternative to 1488, besides research forrest to get to 45

We need to do something about

connecting Magnolia to the woodlands. Extending woodlands parkway to 249 makes the most sense. Traffic on 2978 creates huge delays in commute times for me. Bear Branch Junior High and intermediate school need a better way to manage traffic.

Finish Widening and additional lanes throughout entire route from Nichols Sawmill all the way through to 99 ASAP. Complete two lane in each direction and turn median lane for all remaining N/S and E/W major routes throughout the entire precinct

Tired of being "LOCKED" in subdivision behind railroad tracks (HH Estates) A real Community Center, Purvis Library needs an update

could we use concrete instead of short life blacktop?. also middle turn lanes are not always an answer.

The issues I ranked 4th-7th are all really pretty much tied - and they’re all waaayy below those I ranked 1st-3rd. And in my opinion, we don’t need MORE roads nearly as much as we need improvements made to EXISTING roads. And “improvements” doesn’t just mean resurfacing the roads and straightening curves. Roads need to be widened and/or re-striped to add lanes. Bridges need to be widened to the same number of lanes as the roads on either side of them. More multi-lane left turn lanes are needed with traffic sensors rather than timers to control flow. And here’s a biggie: There are miles of continuous left turn lanes on, for example, FM-1488 west of Magnolia and Hwy 105 east of Conroe with almost no side roads for anyone to turn left onto!

Consequently, there are miles and miles of single lanes on those roadways where passing slower cars, farm vehicles and large trucks is impossible and congestion is commonplace. It’s totally ridiculous.

Need a better way to get to 45 from magnolia!!! Crazy how it takes me 45-60 mins to get to work when I can also drive from home to downtown!?!? How does that make sense! !?!?!

People don't move here expecting to be able to take a transit bus directly.

The existing "mobility" plan specifically on 2978/Honea Egypt/Sendera/Fish creek has turned the intersection of 2978 & 1488 to gridlock. Unless something dramatic is done to alleviate the pressure on this north/south road (not keep the same) something like the over/underpass of Kurkendal & 1960 is the only solution. Traffic backs up at all daylight hours, alternate routes thru subdivisions (Westwood) are faster, putting more traffic & safety issues. The existing design was built for failure without a solution.

There is too much traffic cutting thru The Woodlands/Alden Bridge to avoid congestion at 2978, 1488 and Kuykendahl since the roads were opened at Research Forest and Kuykendahl. This has not only increased traffic in residential areas (!) it has meant more speeding thru our neighborhoods with near zero enforcement of speeders. The roads were NOT meant be like this and if it was indeed 'the plan' there is a substantial lack of planning happening in Pct. 2/The Woodlands/Alden Bridge. :(Not to

	mention a total complete utter failure on the part of James Noack and his communication with residents. He instead is a petulant child when questioned about his over abundance of new stop lights with ZERO resident input.

Optional question (43 response(s), 38 skipped)
Question type: Essay Question

April 2021 Comment Map

Tool Status	Archived
Visitors	241
Contributors	40
Registered	40
Unverified	0
Anonymous	0
Admin	0
SUBMISSIONS	104

Date of contribution	Marker Details			Your Comment	How often do you experience this issue
	Latitude	Longitude	Category		
Mar 19 21 02:19:52 pm	30.21137643	-95.754143	Congestion and Delay	The delays here have gotten ridiculous. The Railroad here also causes extensive delays many times per day.	Daily
Mar 19 21 02:25:00 pm	30.20979562	-95.75043082	Congestion and Delay	There is a right-hand turn off of Melton Street to Buddy Riley Road. This creates extensive delays particularly during rush hour. Melton needs to be no-right hand turn to prevent this. And there needs to be a road improvement at this intersection.	Daily
Mar 22 21 08:47:00 am	30.23818622	-95.45931458	Safety	Lots of merging traffic on both sides of the freeway. Changing these intersections to how the woodlands pkwy interchanges are would be beneficial.	Daily
Mar 22 21 08:48:36 am	30.24627778	-95.45767307	Bike/Pedestrian/Transit	providing bicycle connectivity between wg jones state forest and north of the river is paramount	A few times a week
Mar 22 21 09:04:20 am	30.31695093	-95.55333138	Congestion and Delay	Lots of traffic congestion along FM 2854 from Loop 336 to SH 105. Rapidly growing area. Issues with cars turning left and no left turn/center turn lanes.	Daily
Mar 22 21 11:43:24 am	30.21840868	-95.52046895	Congestion and Delay	This stretch of Kuykendahl between Alden Bridge Dr and Kendall Green needs to be brought to the intended 4 lanes with perhaps a full turn lane for the Mitchell school traffic instead of a wooded median divider. The part of Kuykendahl south of this intersection is being fully upgraded now and the thru traffic on this major connector will be further clogged at this small stretch of roadway having to go from the many new lanes, congested and choked by the original 2 lane stretch this is, then opens up again after Kendall Green for the HEB and 1488 connection. People are in a hurry and frustrated by this congestion, there are kids crossing at the stop signs with crossing guards, but with the long backup of traffic people are frustrated and patience runs short. Please start on widening this stretch of Kuykendahl and have it ready to open with the southern stretch that is now under construction. It's dangerous to have that widening stop here.	Daily
Mar 24 21 06:57:38 am	30.17851243	-95.45207262	Congestion and Delay	Signage should be better to identify all the many lanes in advance when driving down the I-45 feeder southbound or northbound at Research Forest similar as to what was done on the northbound and southbound feeders at 242. For people not use to going down the feeders it would help and improve safety and presumably traffic flow.	A few times a week
Mar 28 21 10:22:25 am	30.20979098	-95.75047374	Congestion and Delay	Major congestion daily as people try to enter Buddy Riley from Melton. This along with the railroad tracks and the light at 1774 backs up traffic on Buddy Riley which is a heavily travelled road in Magnolia.	Daily
Mar 28 21 10:25:52 am	30.22212162	-95.72670937	Congestion and Delay	Major congestion. Traffic signal seems to give priority to 249 when the majority of the cars are traveling East and West on 1488.	Daily
Apr 06 21 12:33:12 pm	30.27355987	-95.71076632	Congestion and Delay	Allow for more continuous travel through this intersection via light or better intersection configuration	Monthly
Apr 06 21	30.33654658	-95.65175772	Congestion and	some southbound congestion in the morning due to high amounts of turning onto Adoue	
Apr 06 21 12:35:37 pm	30.26837092	-95.49612522	Access and Connectivity	Needed Egypt to Conroe connectivity	
Apr 06 21 12:38:35 pm	30.31858097	-95.60191154	Safety	lots of left/right turn movements on 2854 that causes congestion due to lack of turn lanes. This also causes a safety issue as cars cut around on the shoulder or opposing lane. Lots of bicyclists use the shoulder on this road and is dangerous.	
Apr 06 21 01:16:04 pm	30.2596603	-95.72825432	Access and Connectivity	149 to 249 connection	Monthly

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Apr 14 21 06:39:48 am	30.22444189	-95.54142021	Congestion and Delay	Terrible Congestion getting worse by the day. Fosters Ridge Development adding too much traffic. People are having to try to bypass the intersection by cutting through shopping centers and using Bridlewood Drive . Someone is going to get killed trying to pull out from Bridlewood. The tax base will be large enough to widen the road and or out in a flyover going east onto 1488. Get started now or the traffic will be at a standstill.	Daily
Apr 19 21 07:11:23 am	30.31883566	-95.60006082	Congestion and Delay	This intersection is a single lane heading east and has a narrow shoulder for turning south onto Honea Egypt. A turn lane to head south over the railroad tracks would be a great addition here! Traffic often gets backed up here, especially when school is starting or letting out.	A few times a week
Apr 19 21 07:14:16 am	30.27313364	-95.59171915	Safety	The entire stretch of Honea Egypt is heavily used by bicyclists. It is a windier road than it appears and there are very few places to safely pass. Widening of this road to add a bike lane would really make a difference in the safety of bicyclists and motorists alike.	A few times a week
Apr 19 21 07:20:20 am	30.22090485	-95.5683437	Congestion and Delay	This intersection of FM 1488 and FM 2978/Honea Egypt Road is heavily congested and constantly backing up. The single turn lane heading east on 1488 when turning north onto Honea Egypt is especially bad. It is not unusual to wait through two or even three light cycles before finally being able to turn north. It also makes it difficult for vehicles traveling west on 1488 to turn into any of the businesses on the south side of 1488 because of the long line of cars in the turn lane.	Daily
Apr 21 21 01:48:44 pm	30.2029016	-95.6801859	Congestion and Delay	This intersection backs up in the morning and evenings when 149 Spur traffic is trying to turn left onto 149. With the curve of both roads, it can be hard to see the southbound 149 traffic. Traffic is constant on 149 northbound due to cars coming from 249. Will only get worse when commercial development completes at 149 Spur and FM 1488. Needs to be fixed before wrecks become a regular occurance.	
Apr 22 21 07:54:14 am	30.32532309	-95.64640403	Safety	New overpass needs a right turn lane an a light. Morning/school traffic is much worse than before. Safety is a major issue. Traffic on keenan backs up for significant intervals. Traffic has difficulty turning left due to high traffic and blind curve on FM 2854. Traffic turning right needs a dedicated lane.	Daily
Apr 22 21 12:42:01 pm	30.22112039	-95.56777239	Congestion and Delay	This intersection is very congested in all directions. It would help to lengthen the right turn lane when traveling west and turning north onto Honea Egypt.	Daily
Apr 22 21 12:46:22 pm	30.22170908	-95.56581438	Safety	There are numerous drive ways along this section of FM 1488. Drivers frequently try to turn left which can be especially dangerous when traffic is backed up. It doesn't help that some drivers try to travel on the shoulder for extended distances which turning vehicles are not expecting both when entering and exiting these driveways. It's probably time for a median to prevent left turns.	Daily
Apr 22 21 12:53:36 pm	30.25595341	-95.5785656	Safety	Honea Egypt from Sendera Ranch Road to FM 2854 is frequently used by cyclists but there is no shoulder at all and with the number of curves in the road it can be very dangerous to pass cyclists. There is not enough traffic for additional lanes but a shoulder/bike lane should be added. The road is also a patch work of asphalt with no striping in many places.	Daily
Apr 22 21 12:57:49 pm	30.25839997	-95.57869434	Access and Connectivity	Need a cut through from Honea Egypt to Fish Creek Thoroughfare	A few times a week
Apr 22 21 01:07:43 pm	30.23639728	-95.46104193	Congestion and Delay	The intersection from 1488 east bound to I45 south bound get very very very backed up in the mornings. Need a direct connector to the highway like at Woodlands Pkwy.	Daily

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	Latitude	Longitude	Category		
Apr 22 21 01:46:47 pm	30.20281886	-95.68015894	Congestion and Delay	This intersection is a fatal accident waiting to happen. As I am writing this I just heard a motorcycle accelerate to a very high speed through the intersection. Traffic backs up on the Spur 149 waiting for a break in the north/south traffic on Hwy 149. Drivers inch forward waiting for an opportunity to jump out in front of vehicles traveling at 50-60 mph (and higher). Later this year HEB will be opening at the intersection of Spur 149 and 1488. I don't have to be a traffic engineer to know the traffic on the Spur is going to rise exponentially. When completed that business development will change the face of traffic in that area significantly. The time is now to find funds to widen the Spur and add traffic signals at this intersection and the intersection with Dobbin Hufsmith Rd. Let us not wait until one of our neighbors is maimed or killed in a high-speed traffic collision which we can prevent now.	Daily
Apr 22 21 03:07:26 pm	30.22455419	-95.54143857	Congestion and Delay	Heavy traffic when trying to leave the neighborhood. It is the only safe exit from the area if you are turning left. It can take up to 20 minutes to get past this one intersection making my drive to work unpredictable at best.	Daily
Apr 22 21 03:09:11 pm	30.22451247	-95.54138482	Safety	When turning off 1488 onto Old Conroe road, frequently cars stop suddenly due to someone trying to turn into the shopping center on the left side. This tends to be very dangerous and leads to several near misses that I've seen and also a few real accidents.	Daily
Apr 22 21 03:10:55 pm	30.22474052	-95.53925513	Congestion and Delay	Heavy traffic from Old Conroe to Kuykendahl. Just before kuykendahl, it lets up and flows well with no obvious reasons for the slow down. It can take 10-20 minutes to get past this intersection on a daily basis.	Daily
Apr 22 21 04:35:22 pm	30.20864128	-95.55109978	Other - Anything we missed	There are many roads in The Woodlands that are 2 lane residential roads the Montgomery County Thoroughfare Plan shows as being planned for widening to 4 lanes (e.g. Cochrans Crossing, Alden Bridge). Why would you widen these roads when there isn't heavy traffic today or ever, pass next to schools, parks, and residential homes? Inquiries with Montgomery County indicate these would not be widened, so why are they continuing to show as such? Future projections in your presentations show this road may be nearing capacity in the future. Maybe if you didn't put residential roads through to major thoroughfares they wouldn't be projected as needing to be widened. Keep the thru traffic on major thoroughfares (e.g. Research) and off residential roads.	
Apr 22 21 05:20:01 pm	30.17392135	-95.68130493	Safety	Long traffic waiting and dangerous intersection. Need traffic light.	Daily
Apr 22 21 05:26:34 pm	30.22147268	-95.62568665	Safety	Need light signal into and from subdivision. Dangerous crossing and delays in the morning and throughout the day.	Daily
Apr 23 21 06:24:47 am	30.17733454	-95.46603084	Safety	Improved lighting illuminating the multiple intersections.	Daily
Apr 23 21 01:45:59 pm	30.20671271	-95.47496796	Congestion and Delay	Traffic Lights are not timed from one light to the other to continuously move the traffic once driver reaches allowed 45 mph	Daily
Apr 23 21 01:47:49 pm	30.20413506	-95.4820168	Congestion and Delay	Gosling and 242 intersection has no adequate timing to allow for traffic to flow through like Precinct 3 Northstar system on Research Forest.	Daily
Apr 23 21 01:49:09 pm	30.20251239	-95.48819125	Congestion and Delay	No systematic flow from one light to next. Once you leave Gosling traveling W, you always stop at the light. Mobility should favor traffic movement.	Daily

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Apr 23 21 01:50:35 pm	30.21019894	-95.50021827	Congestion and Delay	Traffic always stopped, there is no regulated mechanism to keep the flow of congestion moving once reaching 45mph/50mph	Daily
Apr 23 21 01:51:46 pm	30.21609556	-95.50374269	Congestion and Delay	Timing mechanism missing. Traffic traveling West should be allowed through without such light to light stopping. Buy a new system or use Precinct 3's Northstar.	Daily
Apr 23 21 01:52:48 pm	30.22152367	-95.50700426	Congestion and Delay	Both East and West bound is always stopped. Use a sophisticated traffic light mechanism to keep traffic flowing and not the stop to stop at each traffic light.	Daily
Apr 23 21 01:54:04 pm	30.22613106	-95.50978303	Congestion and Delay	Traffic delays both east and westbound. No synchronized lights to keep traffic flowing once reached allowable speeds. Buy a system to synchronize or use precinct 3 Northstar.	Daily
Apr 23 21 02:22:32 pm	30.20638819	-95.47574043	Access and Connectivity	North turn into Windsor Hills Circle needs a flashing yellow turn light at times of slow traffic like early morning or very late at night, like other places in The Woodlands.	Daily
Apr 23 21 02:28:07 pm	30.20696306	-95.47550976	Safety	Missing signage to this very wide 1 lane road, cars take for granted and drive like it's a 2 lane. Need large sign and more than one: ONE LANE ROAD. Others turn into apartments, others go straight to subdivision.	Daily
Apr 23 21 02:35:24 pm	30.21390755	-95.47702789	Other - Anything we missed	The back side of Windsor Hills is mitigated wetlands never to be developed, so it is not marked correctly on your legend.	Daily
Apr 23 21 06:04:05 pm	30.20841875	-95.57425261	Congestion and Delay	The traffic on 2978 at this marked positioned near Tamina often backs up to Research Forest as well as all the way to FM1488. This area is currently being repaved but without plans to add a right turn lane onto Tamina, the back ups will continue. Simply adding a shoulder is confusing to people as many do not understand they may cross that white line to make a right turn. Especially since that white line is solid. If it was a white line with “dashes” along with signage it would be a better indication to people that it’s OK to get on the shoulder to make a right turn onto Tamina. Example:	Daily
Apr 23 21 06:10:38 pm	30.23658266	-95.46364367	Congestion and Delay	FM 1488 at the traffic light at Grace Crossing Drive needs better signage for people making a right turn. See picture below. Many people are hesitant to cross the solid white line and we end up waiting in a long line of traffic wasting gas and polluting.	Daily
Apr 23 21 08:46:14 pm	30.20419996	-95.67980289	Congestion and Delay	Traffic backs up daily on Spur 149 especially around rush hour and in the morning . After waiting for a long time, cars dangerously gun it to get onto 149. With all the construction and plans of shopping centers, homes, apartments on this road, we already need a traffic signal to allow cars onto 149, and it will only get worse.	Daily
Apr 26 21 03:07:07 am	30.22107404	-95.56768656	Safety	Everyday there are cars trying to turn left into the Kroger complex during peak traffic times. These cars block traffic traveling against them in line. It is a traffic and safety nightmare.	Daily
Apr 26 21 12:22:03 pm	30.23784327	-95.45962572	Safety	Suggest moving exit lanes back further as not enough time to move over to get on 1488 Westbound from I45 South, very dangerous with traffic increaseing	Daily
Apr 26 21 12:23:45 pm	30.21011549	-95.50031483	Congestion and Delay	Need to add second left turn lane to go from Northbound 242 to westbound on Green Bridge	A few times a week

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Apr 27 21 07:07:51 am	30.22083764	-95.56815863	Congestion and Delay	This intersection is ridiculous. Very underplanned. Straighten out curve, minimize business driveways, synchronize lights, add multiple turn lanes, 6 lanes through	Daily
Apr 27 21 07:08:31 am	30.22138461	-95.5666244	Congestion and Delay	Need 6 lanes, limited access to businesses, syncronized lights. Traffic backs up considerably.	
Apr 27 21 08:22:25 am	30.25991977	-95.72696686	Access and Connectivity	Need a FM149 to HWY249 Connection road to allow traffic from the north to safely make access to HWY249 without adding congestion to FM149 south of Jackson Rd.	Daily
Apr 27 21 08:26:44 am	30.15488697	-95.66610217	Congestion and Delay	Add a connector road from HWY249 at Woodtrace Blvd to FM2978 in order to provide a safer route from east to west, which in turn will reduce congestion.	Daily
Apr 27 21 03:25:18 pm	30.21008767	-95.75015187	Congestion and Delay	Congestion on both Buddy Riley & 1488 through town is horrendous, daily...it's a coin flip which will be slower. I suggest a bypass over town!	Daily
Apr 27 21 03:27:06 pm	30.20459867	-95.75119257	Safety	The line of cars daily barely off this 2 lane road sitting for hours to pick kids up from school is dangerous and causes massive congestion!	Daily
Apr 27 21 10:46:39 pm	30.20310583	-95.68022132	Congestion and Delay	Traffic backs up on southbound Spur 149 trying to turn left onto 149, particularly during rush hours. Worse since toll road was completed.	Daily
Apr 28 21 06:52:44 pm	30.23907605	-95.69518268	Safety	I'm writing as a concerned citizen, and a homeowner in the Rolling Forest Subdivision. I've lived here since 2005, and have enjoyed our quiet community. However, with the ever growing population, and road expansion leading to our area, it seems FM149 has been overlooked for a serious improvement. Our entrance is a constant hazard for anyone looking to turn in while traveling northbound. There's a hill/rise right before the Exxon station, and if anyone is not early with a blinker, and a tap of the brake to indicate a turn, you will constantly be in danger. We need a turn lane or something to help here. Just recently, on April 25, 2021, a 4 vehicle accident occurred. We can only pray no one was hurt. It would also be beneficial to have another entrance to our neighborhood. This one is a stretch, I'm sure, but at least something to consider, so we aren't locked in to our neighborhood when accidents do occur. I look forward to hearing your thoughts on the matter.	Daily
Apr 30 21 06:30:13 am	30.20839411	-95.68282136	Safety	Intersection of Spur 149 and Dobbin Hufsmith Rd. Very dangerous left turn and large sign on southeast corner blocks view.	Daily
Apr 30 21 12:31:14 pm	30.20789953	-95.67980289	Safety	A busy intersection at Dobbin-Hufsmith @ Spur 149 and numerous large trucks using the Spur 149 road as a short-cut are creating safety hazards and a significant congestion problem at all intersections located on the Spur (Dobbin-Hufsmith intersection and the 149/Spur 149 intersection)	Daily

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	Latitude	Longitude	Category		
Apr 30 21 12:31:59 pm	30.20331909	-95.67986727	Safety	A busy intersection at Dobbin-Hufsmith @ Spur 149 and numerous large trucks using the Spur 149 road as a short-cut are creating safety hazards and a significant congestion problem at all intersections located on the Spur (Dobbin-Hufsmith intersection and the 149/Spur 149 intersection)	Daily
May 01 21 05:19:25 pm	30.20512718	-95.45619249	Safety	45 S feeder st Luke's to Hope Rd repeated flooding on feeder . Reported constantly through Moco Sheriff alert	Monthly
May 06 21 07:37:21 am	30.22873132	-95.70378184	Safety	The intersection of Mill Creek Rd to 1488 is dangerous with the addition of the new Mill Creek Rd to Audubon, the old FM1488, and the u-turns made by drivers coming from the westbound 149, placing too many drivers in the center median heading various direction on a heavily used 1488.	Daily
May 06 21 07:42:28 am	30.20304556	-95.6802696	Safety	Drivers desperate due to congestion make poor decisions of when to enter 149, causing many near misses.	A few times a week
May 06 21 09:01:17 am	30.20730612	-95.48028946	Access and Connectivity	Connect Peoples to Gosling. It would save school buses from having to go 5 miles out of their way to access Stillwater kids. Also if this connection was made it might lessen congestion at SH242 and 1488	Daily
May 10 21 03:23:24 pm	30.17771944	-95.45661628	Safety	Can not see vehicles approaching from the west while making a right turn from Pinecroft to Research Forest. Vegetation is blocking view.	A few times a week
May 10 21 03:27:07 pm	30.177367	-95.45827389	Safety	Cannot see tiny turn median at night. Median curb needs to be painted with reflective paint.	A few times a week
May 10 21 03:29:38 pm	30.1768708	-95.47026873	Congestion and Delay	Signal timing needs to be improved on Research forest from IH-45 to FM2978. Some days every signal is red.	A few times a week
May 10 21 03:30:57 pm	30.17681515	-95.47093391	Safety	Right lane holds water when it rains from IH45 to Shadowbend. Water does not drain well off road.	Monthly
May 10 21 03:33:33 pm	30.19374029	-95.47466755	Congestion and Delay	Traffic backs up to Research Forest Park and Ride lot from signal at Gosling in evenings during soccer season (Aug-Dec and Jan-May). Takes about 10-15 min. to get to Gosling.	Daily
May 10 21 03:35:19 pm	30.19380984	-95.47696888	Safety	Two way stop sign at a 3 legged intersection. If your driving from P&R lot to Gosling and sitting at stop sign it is hard to tell if the approaching traffic is turning because they don't use their turn signal.	Daily
May 10 21 03:38:08 pm	30.19176507	-95.45771599	Access and Connectivity	Extend Pine forest from Vision Park to St. Lukes Way	
May 10 21 03:38:46 pm	30.18855177	-95.45759797	Access and Connectivity	Extend Pine Forest to Wellman Rd.	Daily
May 10 21 03:41:24 pm	30.20680543	-95.46591282	Congestion and Delay	Improve signal timing on SH242 in both directions.	Daily
May 10 21 03:42:29 pm	30.23784327	-95.46404064	Congestion and Delay	Improve signal timing on FM1488 from IH45 to SH249 in both directions.	Daily

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May 11 21 06:46:15 pm	30.21748622	-95.52045822	Safety	Expansion of this road is increasing danger to students, walkers, runners and bikers on the trail. Through traffic is using Waze and is literally “if you build it, they will come”	Daily
May 11 21 06:50:26 pm	30.20772336	-95.52596748	Congestion and Delay	This intersection often takes 2 cycles to clear existing vehicles. Shoppers are blocked from exiting RF and are forced to exit K the left on RF. Was reported to CR 2 years ago with no response to date	Daily
May 11 21 06:53:43 pm	30.21836233	-95.52056015	Safety	Drivers are driving on shoulder essentially turning this 2 lane street into 4 lanes. Very dangerous especially during school zone times	Daily
May 11 21 06:56:17 pm	30.20009226	-95.48050404	Safety	Lane lines are worn and need repainting	Daily
May 11 21 07:00:12 pm	30.20763064	-95.52633762	Congestion and Delay	For north bound traffic on K, a right turn lane is needed at RF	Daily
May 11 21 07:04:29 pm	30.2086181	-95.52853167	Congestion and Delay	Please remove road barriers blocking cross traffic and redirecting exit traffic causing significant delays at K @ RF intersection turning east and continuing southbound	Daily
May 11 21 07:12:43 pm	30.21598894	-95.56276202	Congestion and Delay	This game intersection is so bad in the morning between 7am-8:30 and 4pm-6:30. The left hand turn lane onto research gets way backed up. A lot of people turn into target to skip this light to turn left onto research forest. Also, turning right from research onto 2978 is horribly back up also. Morning solution add 2 left hand turn lanes and extend the left hand turn light to 45seconds. Evening solution. at the 1488/2978 intersection. Utilize north right hand lane on 2978 as a straight lane/right turn lane. Make two left hand turn lanes mandatory left and the other two lanes straight lanes.	Daily
May 11 21 07:17:28 pm	30.21598199	-95.56791186	Congestion and Delay	This game intersection is so bad in the morning between 7am-8:30 and 4pm-6:30. The left hand turn lane onto research gets way backed up. A lot of people turn into target to skip this light to turn left onto research forest. Also, turning right from research onto 2978 is horribly back up also. Morning solution add 2 left hand turn lanes and extend the left hand turn light to 45seconds. Evening solution. at the 1488/2978 intersection. Utilize north right hand lane on 2978 as a straight lane/right turn lane. Make two left hand turn lanes mandatory left and the other two lanes straight lanes.	Daily
May 12 21 02:38:01 pm	30.22068467	-95.58468103	Congestion and Delay	Traffic is backed up horrible in the mornings and evenings. The light for the turn lane is WAY to short in which we are waiting through multiple lights to make the left turn onto 1488. A lot of this congestion is cut through traffic from 2978 because taking 2978 all the way to 1488 is overly congested. Suggest widening Tamina or find a way to decrease the cut through traffic. The cut through traffic is horrible to residents of Westwood, especially when Ponderosa is being used as a quicker cut through which causes people to speed which is dangerous for our playing children.	Daily
May 12 21 02:39:44 pm	30.20942011	-95.57535768	Safety	Ponderosa is being used as a cut through because of the congestion on Tamina which is dangerous to our children. People speed down this road really bad.	Daily
May 12 21 02:51:12 pm	30.22230703	-95.66446066	Safety	A traffic light is needed, or some method to slow down traffic flow east bound on 1488. The downward slope combined with no traffic lights allow drivers to travel in speeds excess of 70 MPH. Multiple accidents occur exiting from the Mostyn Manor neighborhood.	Daily

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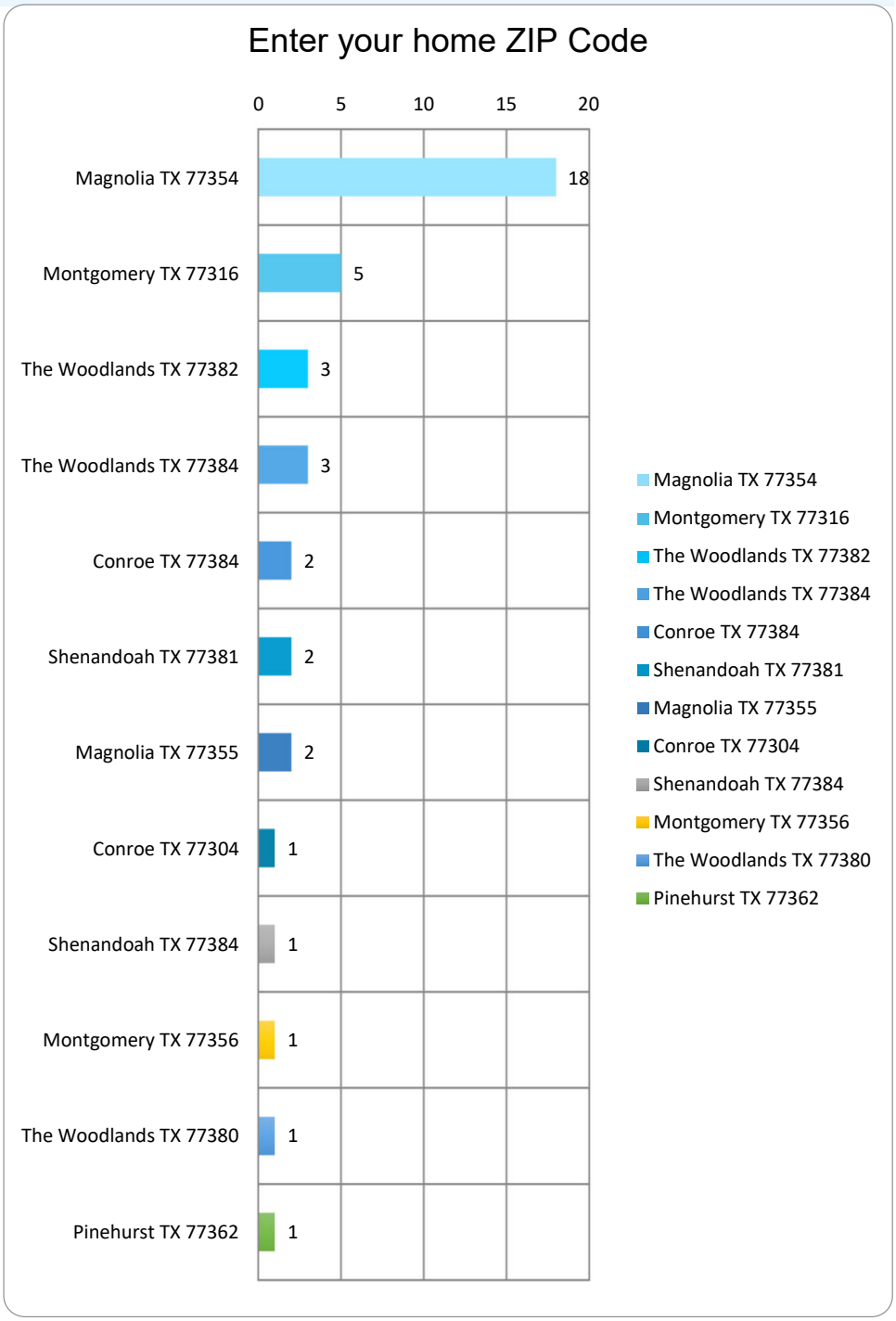
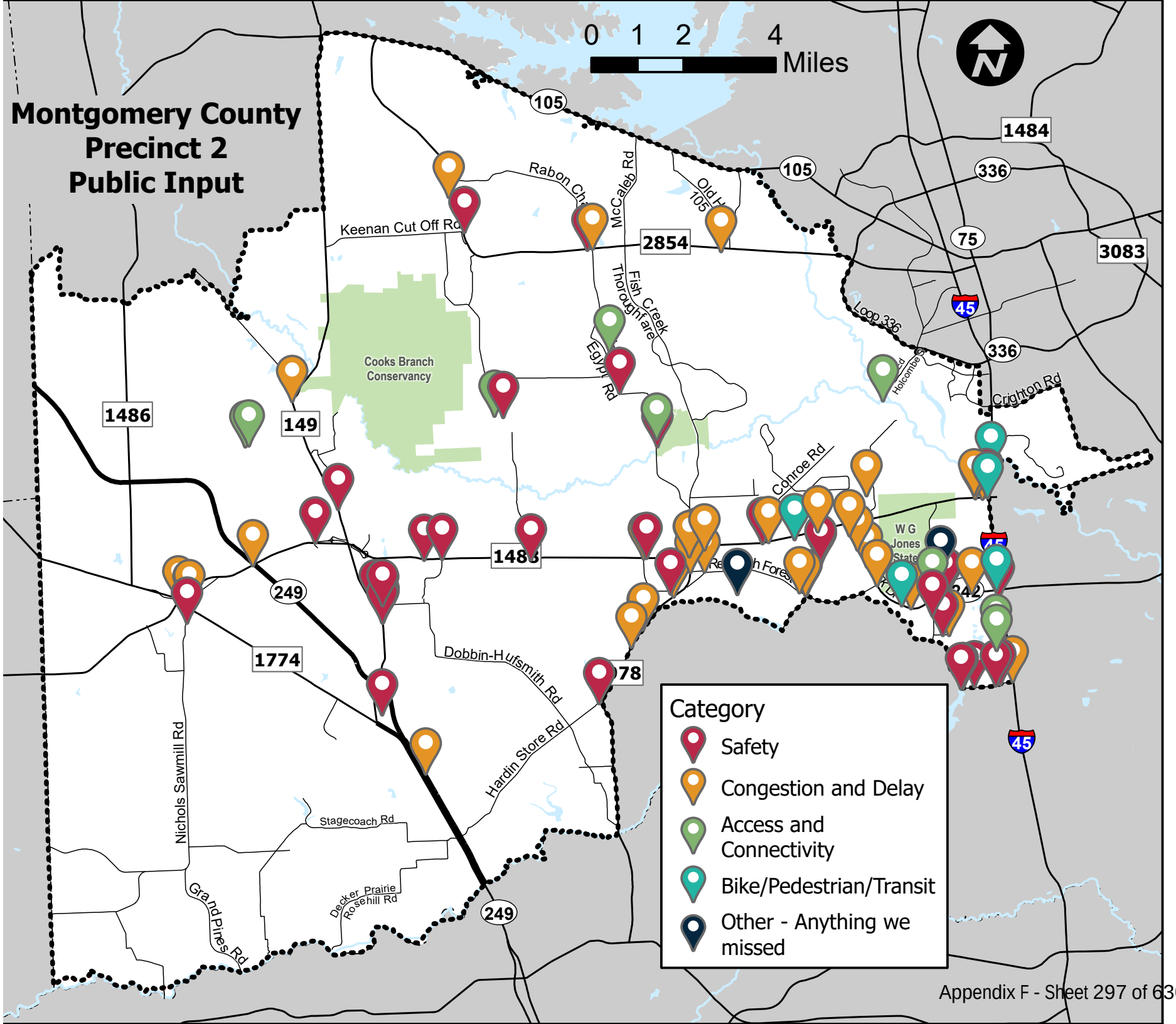
May 12 21 04:01:37 pm	30.22239047	-95.65791607	Safety	Even with police assistance, traffic on 1488 makes entering and exiting this neighborhood highly dangerous. This is particularly challenging for the numerous young drivers in the area.	Daily
May 12 21 04:06:52 pm	30.20837471	-95.6800282	Safety	North/south traffic moves quickly and there are many large trucks. With a limited line of sight, this is dangerous getting onto spur road from D-H road.	Daily
May 12 21 04:14:48 pm	30.22087472	-95.58368325	Safety	Drivers crossing traffic to head east on 1488 are causing a safety issue	A few times a week
May 12 21 06:48:32 pm	30.23676804	-95.45917511	Access and Connectivity	Need safe pedestrian / bicycle crossing at I-45 and FM-1488	Monthly
May 12 21 06:49:17 pm	30.20745447	-95.45694351	Bike/Pedestrian/Transit	Need safe pedestrian / bicycle crossing at I-45 and FM-1488	Monthly
May 12 21 06:51:35 pm	30.20352308	-95.49153328	Bike/Pedestrian/Transit	Major gaps in pathway along College Park. Several amenities are inaccessible like schools, college, stadium, retail, hospitals, churches, etc...	Monthly
May 12 21 06:53:17 pm	30.22540335	-95.52972794	Bike/Pedestrian/Transit	Wide shoulder available on 1488 but no protected pathway or lane available for bicycle riders or pedestrians due to the high speed traffic	Monthly
May 14 21 02:09:11 am	30.23857518	-95.5031331	Congestion and Delay	I believe the light here is not timed properly.	Daily
May 14 21 02:09:18 am	30.23857518	-95.5031331	Congestion and Delay	I believe the light here is not timed properly.	Daily
May 14 21 02:11:20 am	30.22768381	-95.52124143	Congestion and Delay	Light is not synchronized.	Daily
May 14 21 04:23:30 am	30.22098597	-95.5681479	Congestion and Delay	Is it time to install an overpass here? I think so.	Daily
May 14 21 07:18:49 am	30.28661441	-95.5949378	Access and Connectivity	Connect Honea-Egypt to Fishcreek thoroughfare.	Daily
May 14 21 07:23:15 am	30.26711071	-95.63740253	Access and Connectivity	Connect Corrolla to Grand lakes. When it floods the people cannot get in or out. Emergency responders can't respond to calls for help in there either.	Monthly
May 14 21 07:29:44 am	30.26662886	-95.63426971	Safety	Connect Corolla to Grand Lakes to allow for quicker emergency response. especially during flooding. This area routinely floods.	Daily
May 14 21 08:31:00 am	30.1983306	-95.58586143	Congestion and Delay	The stretch of FM 2978 from Research Forest to Hardin Store Rd has been under construction for FIVE YEARS!! It is time this road is finished!	A few times a week

Date of contribution	Marker Details			Your Comment	How often do you experience this issue
	Latitude	Longitude	Category		
May 14 21 08:36:47 am	30.22301176	-95.56257967	Bike/Pedestrian/Transit	The intersection of FM1488 and Egypt lane- is a big cause of backup on FM 1488 both directions.	
May 14 21 02:50:24 pm	30.19865035	-95.58555007	Congestion and Delay	Because of dense traffic, it's often difficult to turn onto FM 2978.	A few times a week
May 14 21 02:51:10 pm	30.19294279	-95.59010983	Congestion and Delay	The left turn from Woodlands Parkway onto southbound FM 2978 often backs up a long way.	A few times a week
May 14 21 02:52:01 pm	30.17550739	-95.60242653	Safety	The banking on this curve is terrible. It is banked reverse to the way it should be, for safety.	A few times a week

DEMOGRAPHIC ANALYSIS of Contributors - Based on Sign-up form responses

Enter your home ZIP Code	
Magnolia TX 77354	18
Montgomery TX 77316	5
The Woodlands TX 77382	3
The Woodlands TX 77384	3
Conroe TX 77384	2
Shenandoah TX 77381	2
Magnolia TX 77355	2
Conroe TX 77304	1
Shenandoah TX 77384	1
Montgomery TX 77356	1
The Woodlands TX 77380	1
Pinehurst TX 77362	1




Montgomery County
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Fish Creek
Thoroughfare
Egypt Rd
Loop 336
Holcombe Rd
Crighton Rd
Cooks Branch
Conservancy
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Conroe Rd
WG
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1774
Dobbin-Huffsmith Rd
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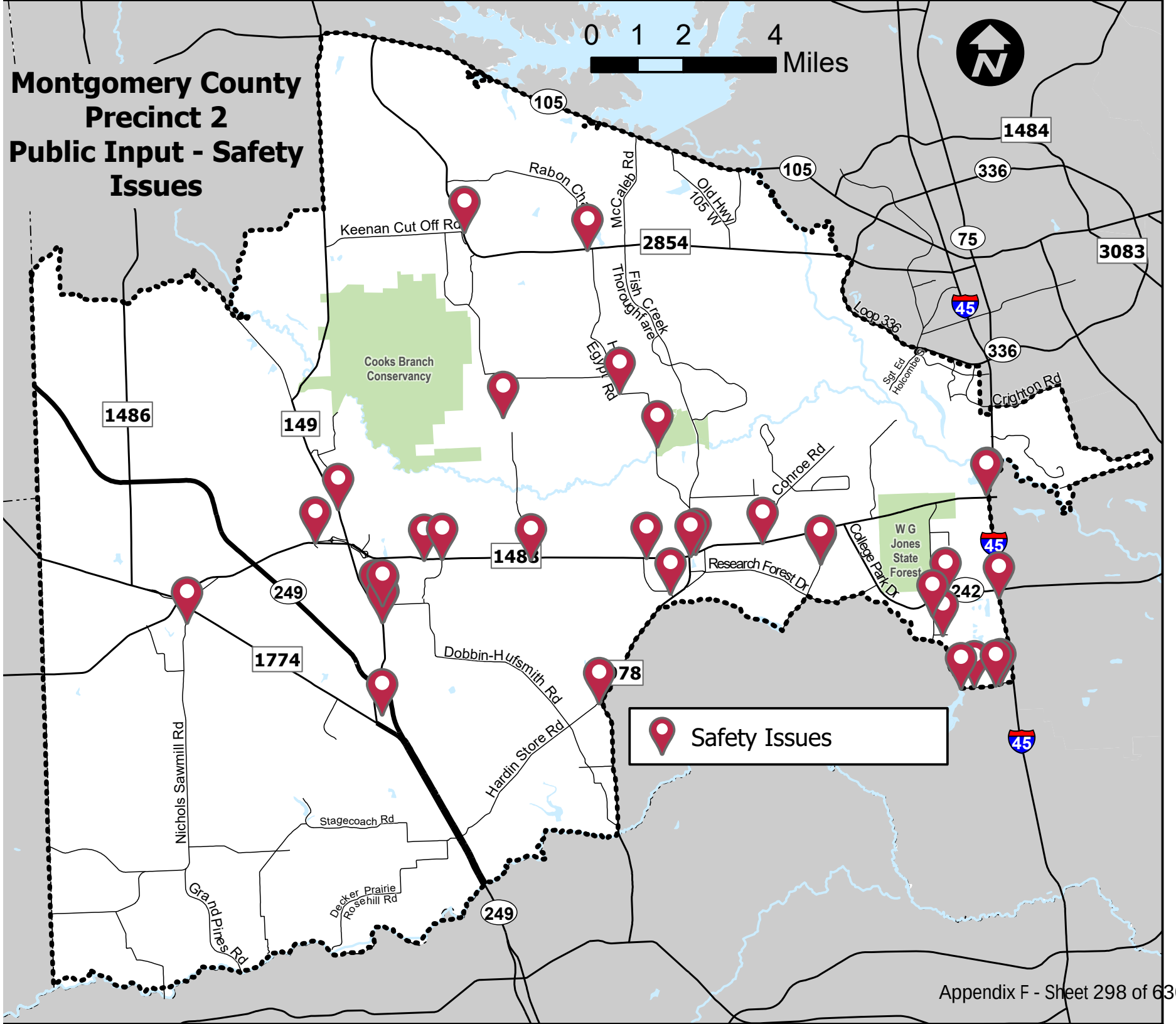
Hardin Store Rd
Nichols Sawmill Rd
Stagecoach Rd
Decker Prairie
Rosehill Rd
Grand Pines Rd
Category
Safety
Congestion and Delay
Access and
Connectivity
Bike/Pedestrian/Transit
Other - Anything we
missed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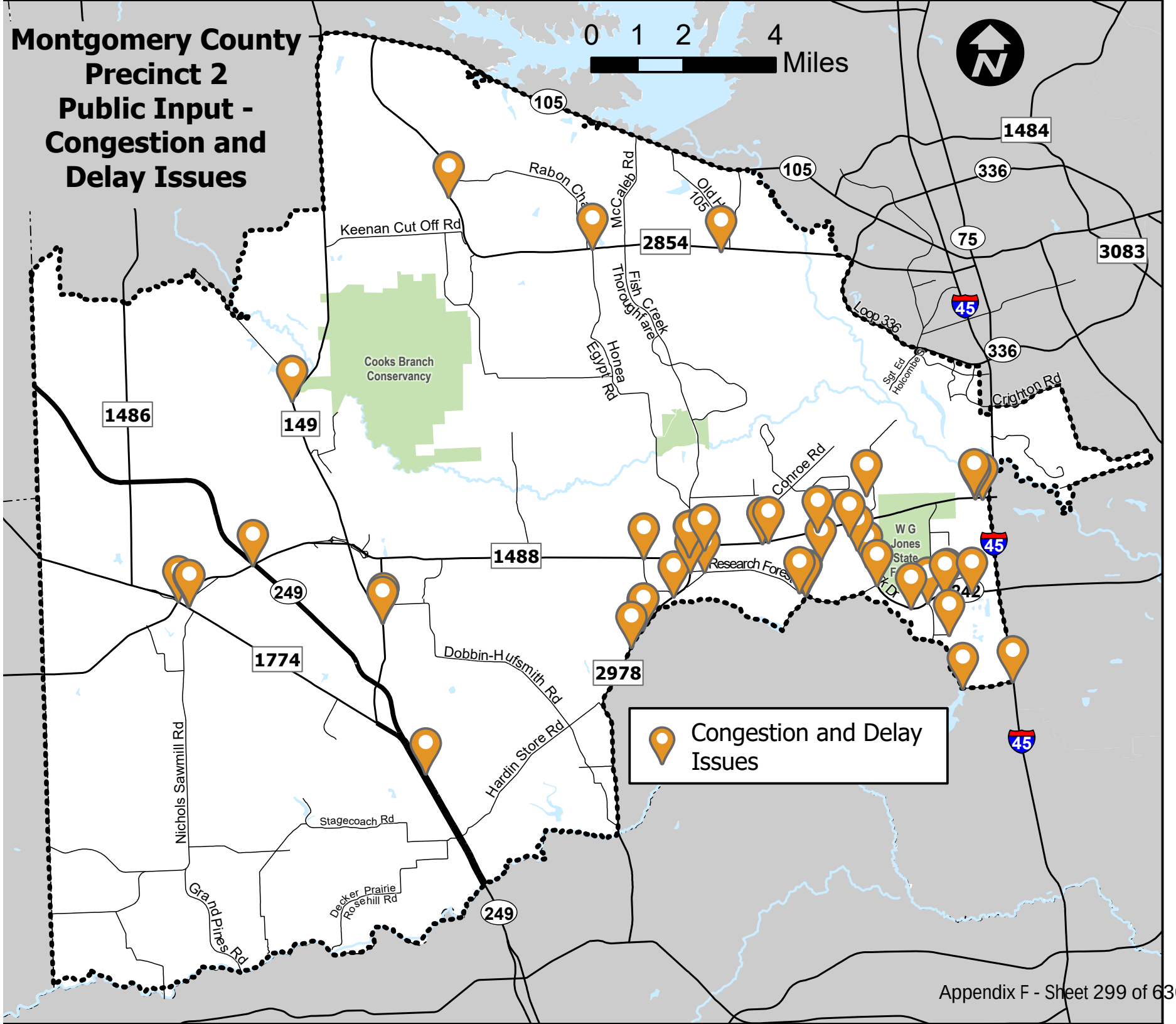
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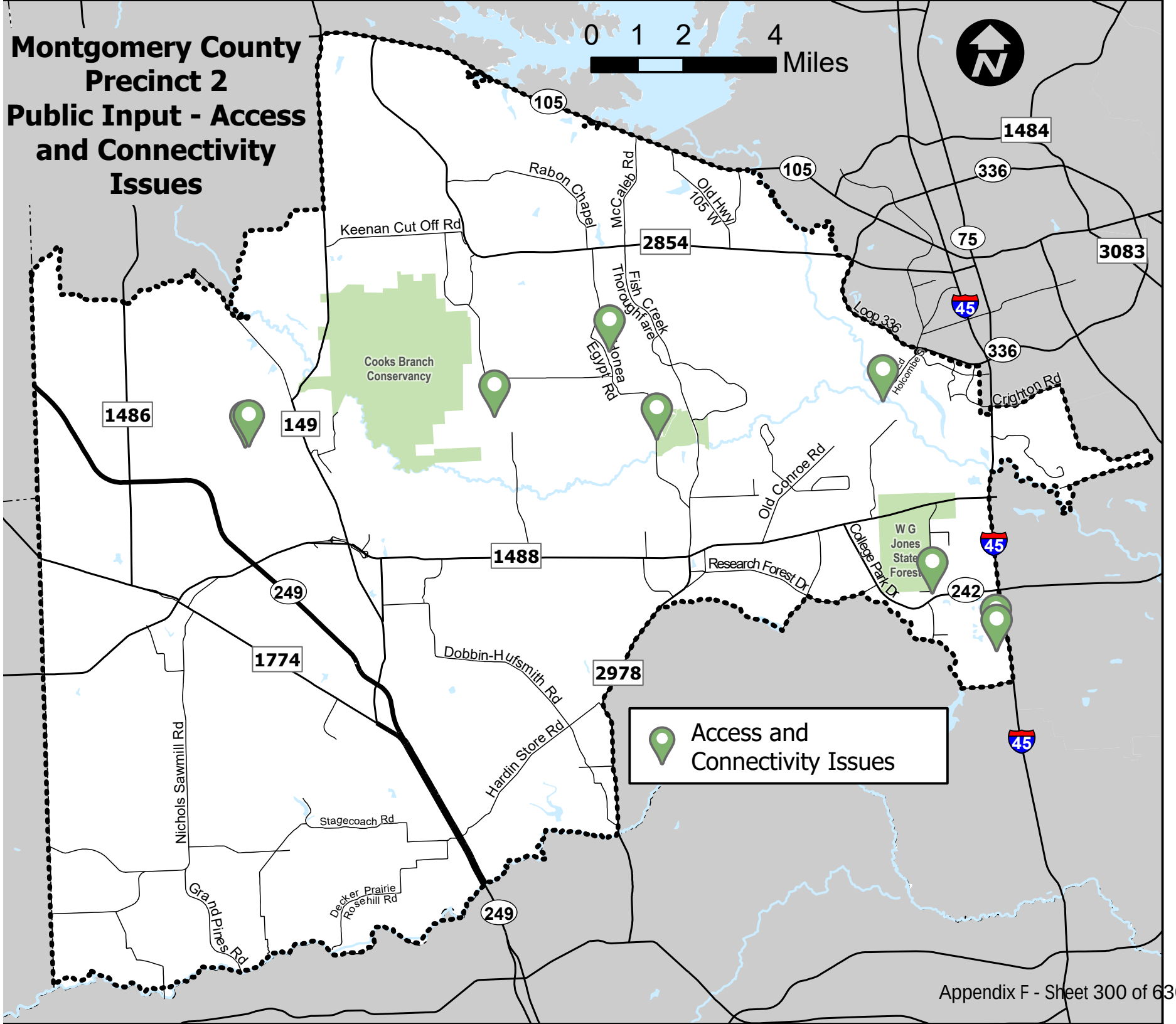
Grand Pines Rd
Congestion and Delay
Issues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Public Input - Access and Connectivity Issues
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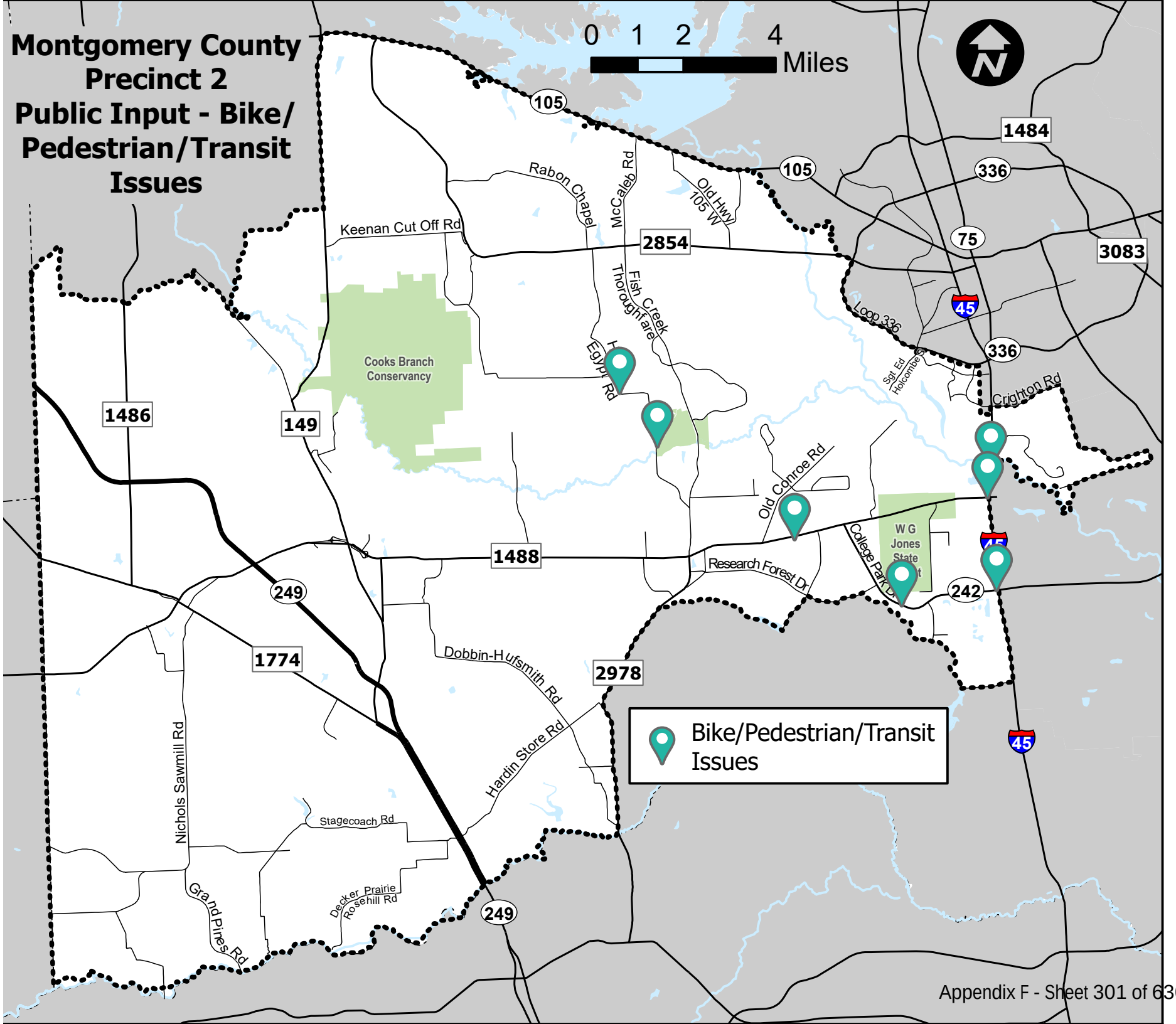
Decker Prairie Rosehill Rd
Grand Pines Rd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Public Input - Bike/
Pedestrian/Transit
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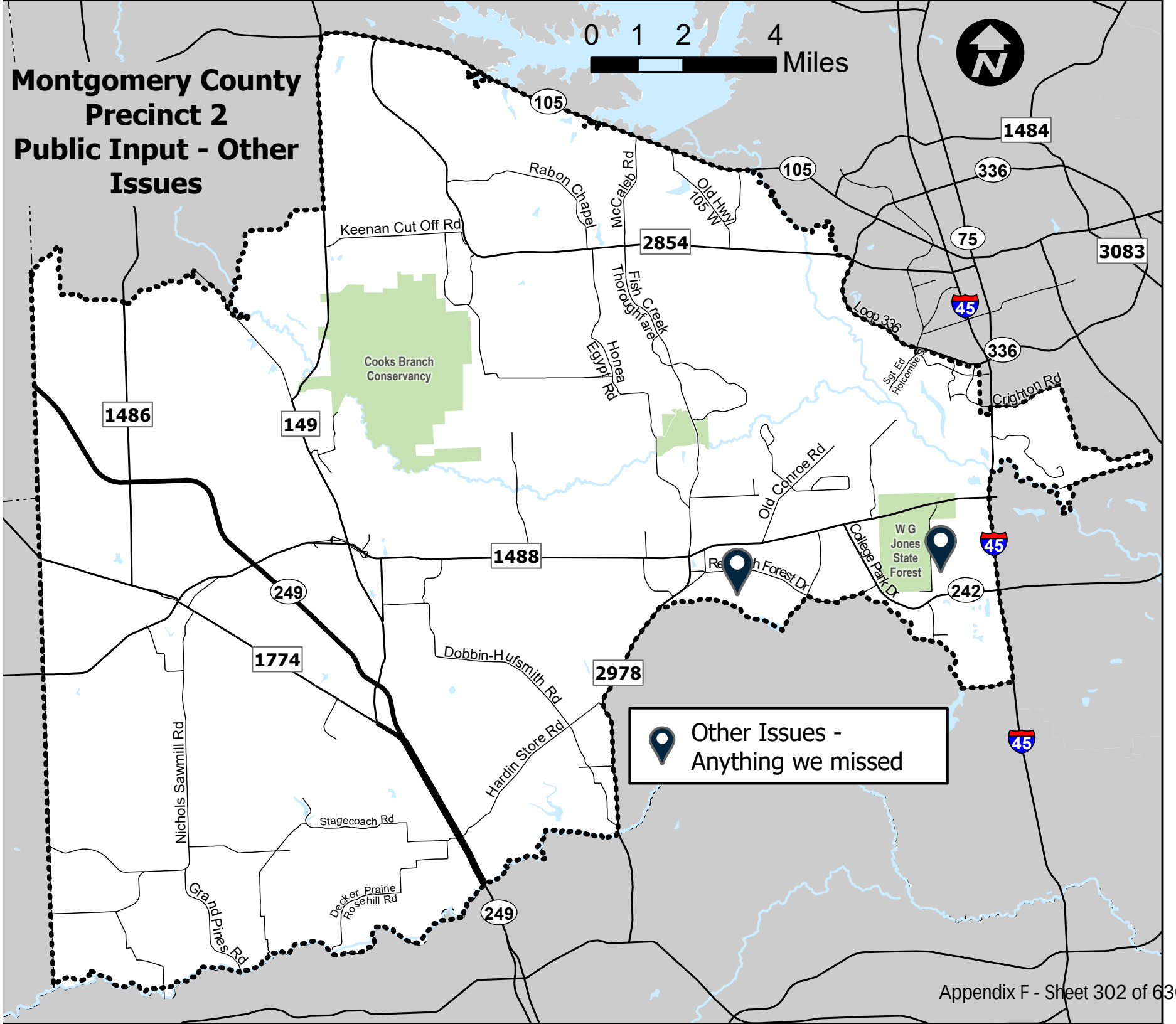
Grand Pines Rd
Bike/Pedestrian/Transit Issues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Cooks Branch Conservancy
Old Conroe Rd
W G Jones State Forest
College Park Dr
Dobbin-Hufsmith Rd
Hardin Store Rd
Nichols Sawmill Rd
Stagecoach Rd
Decker Prairie Rosehill Rd
Grand Pines Rd
Other Issues - Anything we missed

Montgomery County Precinct 2 Mobility Study

Documentation of Virtual Steering Committee Meeting #4

Project Location
Montgomery County

Precinct 2

Meeting Location
Zoom

Meeting Date and Time
Thursday, June 24, 2021 at 2:00 PM

Presenters
Carlene Mullins, Project Manager & Principal Planner, Houston-Galveston Area Council
Barbara Koslov, Senior Transportation Manager, Gunda Corporation

Total Number of Attendees
18

Total Number of Commenters
6

Contents

A. Attendees List
B. Virtual Steering Committee Meeting #4 Presentation with Notes
C. Table 1. Questions/Answers

Attachment A

Attendees List

Attendance
Total Attendance: 18

Attendees

NAME / NOMBRE	AGENCY / AGENCIA
Carlene Mullins	Presenter, Houston-Galveston Area Council (H-GAC)
Barbara Koslov	Presenter, Gunda Corporation
Adam France	Development Coordinator – City of Conroe
Brent Everson	Westwood Magnolia Parkway Improvement District (WMPID)
Callie Barnes	Blanton & Associates, Inc.
Carl Gerhardt	WMPID - Chairman
Catie Reid	Gunda Corporation
J.J. Hollie	President & CEO - The Woodlands Chamber of Commerce
Jeffery English	Texas Department of Transportation (TxDOT)
JoDell Whitehead	
Justin Kuzila	H-GAC
Kyle Montgomery	Chief – Magnolia Police Department
Lokesh Vijayagopal	Gunda Corporation
Margo McZeal	Director of Government Affairs- The Woodlands Chamber of Commerce
Mike Burns	H-GAC
Rick Wong	Montgomery County
Rob Eissler	Westwood Magnolia Parkway Improvement District (WMPID)
Steve Leakey	Resident of Montgomery County

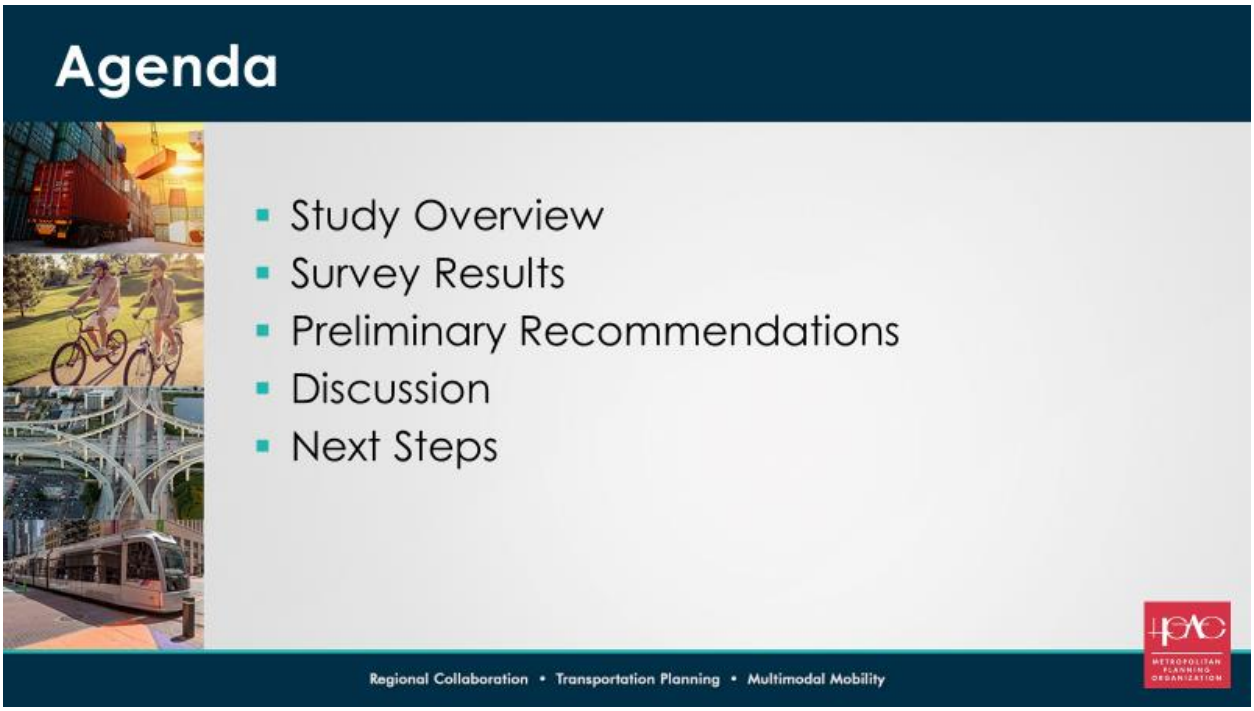
Attachment B

Virtual Stakeholder #4 Presentation with Notes

Montgomery County Precinct 2 Mobility Study
Virtual Steering Committee Meeting #4 Presentation Summary

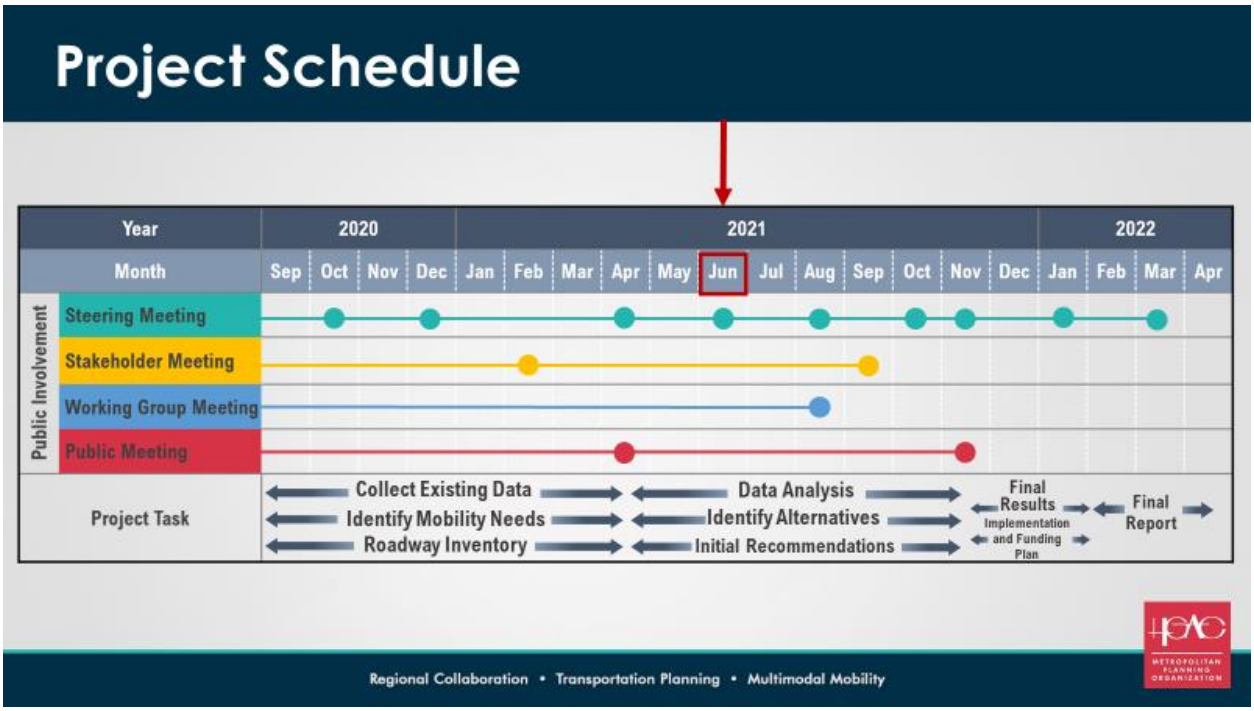


Welcome everyone to the Montgomery County Precinct 2 Mobility Study 4th Steering Committee Meeting – Number 4. We have been reviewing the surveys and previous meeting results and have begun to prepare recommendations.



Today, we are going to review survey results, present the preliminary recommendations (which are subject to change based on today meeting's comments) then close with an open discussion (comments, questions, etc.).


Study Overview
Regional Collaboration • Transportation Planning • Multimodal Mobility



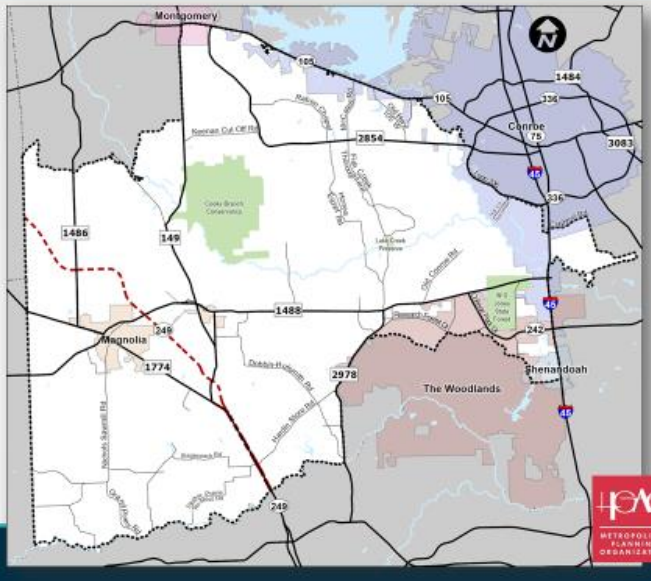
The schedule is on track. Our next Steering Committee meeting and at least one Working Group meeting will be in August 202. Further recommendations will be made at the next meeting. Also, in August 2021, there will be at least one (possibly more than one) Working Group meeting. We will potentially meet with residents in the Shenandoah (The Woodlands) area and Research Forest and Grogans Mill area. There will be another Steering Committee meeting in October 2021; a Stakeholder Meeting will occur in September 2021; the next Steering Committee meeting after August will occur in October 2021; and then a Public Meeting will be held in November 2021. The project is expected to be completed by Spring of 2022.


Vision
Develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.
Regional Collaboration • Transportation Planning • Multimodal Mobility


Goals
Improve Safety
Achieve and Maintain a State of Good Repair
Move People and Goods Efficiently
Strengthen Regional Economic Competitiveness
Conserve/Protect Natural and Cultural Resources
Regional Collaboration • Transportation Planning • Multimodal Mobility

Purpose

- Identify mobility needs
- Develop consensus on recommendations
- Develop a list of projects
- Recommend updates to Thoroughfare Plans





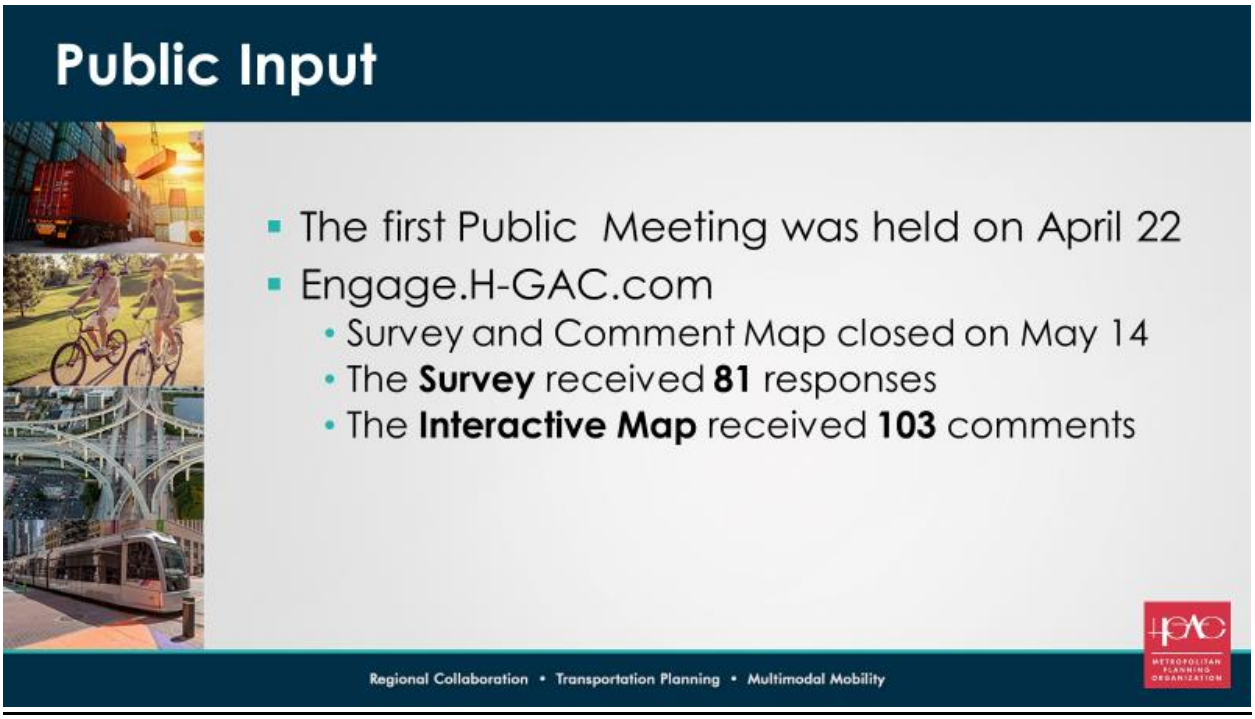
Most of these you have already accomplished. The next step will be to review and provide input on the development of the plan which includes the recommendations. We've already completed the last steps which is to recommend stakeholders.



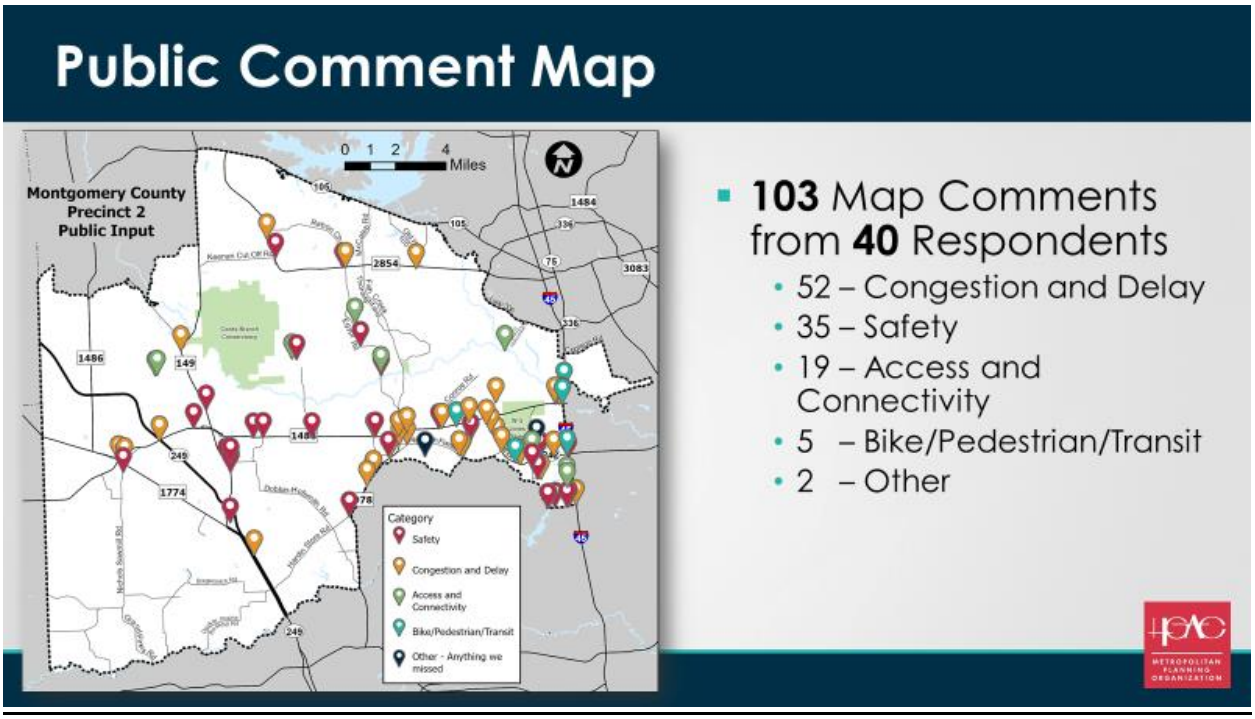
Please keep in mind, there are no bad ideas. We are here to work as a team. We need to include all types of mobility including transit, hike and bike, pedestrian, etc. to be a true multi-modal plan.



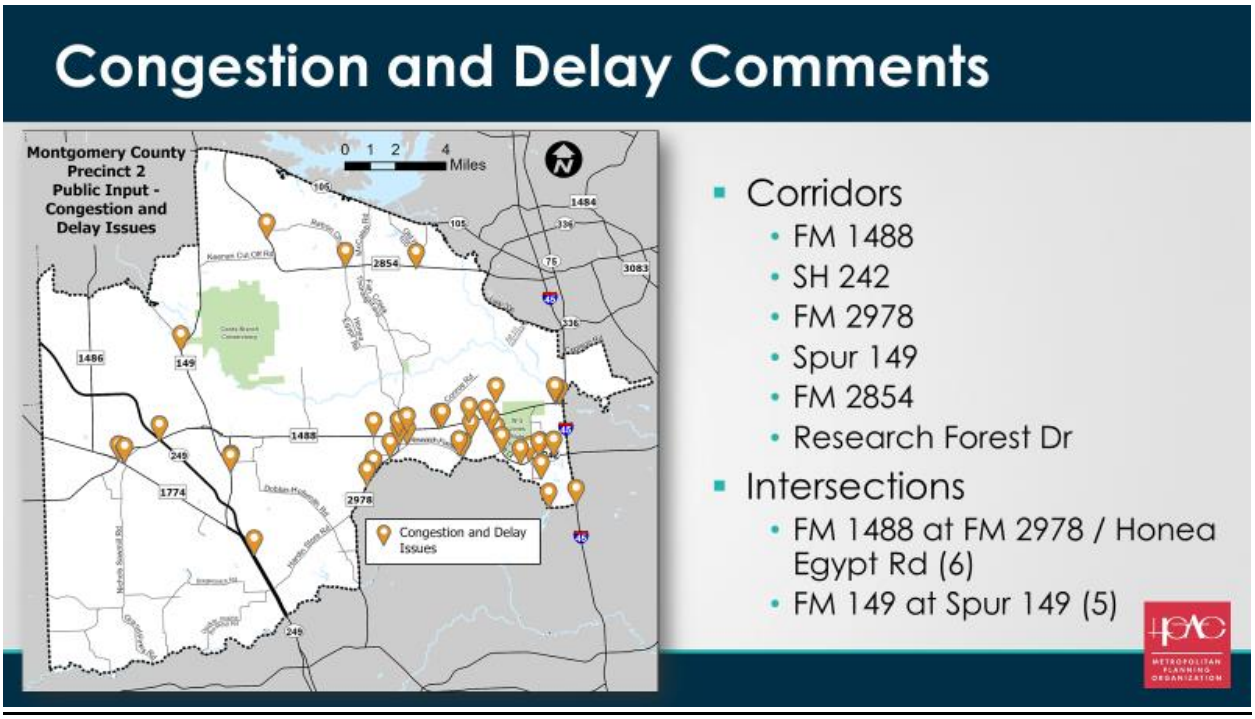
Now Barbara will present the survey results.



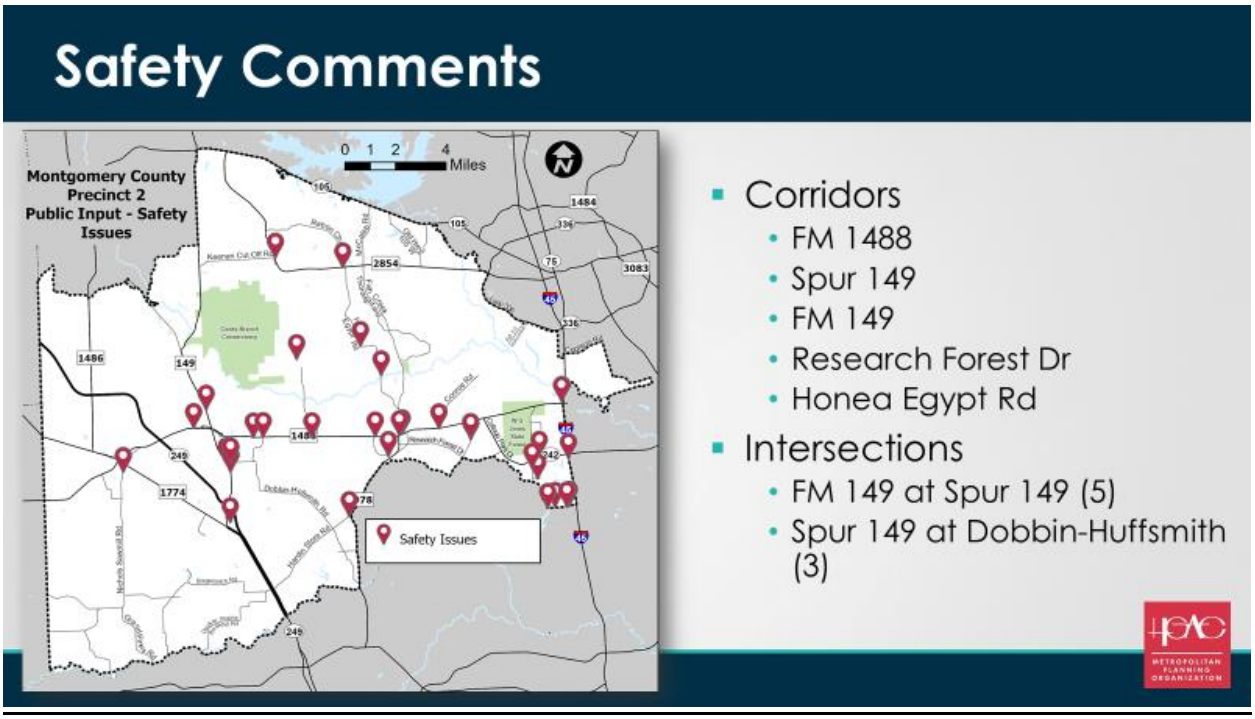
Barbara - I will walk you through the information we gathered from the Public Meeting, the surveys, and input from you. Then I will present the preliminary findings. As you know the Public Meeting was a virtual meeting. It was a good meeting with a lot of input. The survey was open until May 14th. The survey received 81 responses and the interactive map received 103 comments. We received a lot of quality information. We feel we have a solid basis for developing this mobility plan.



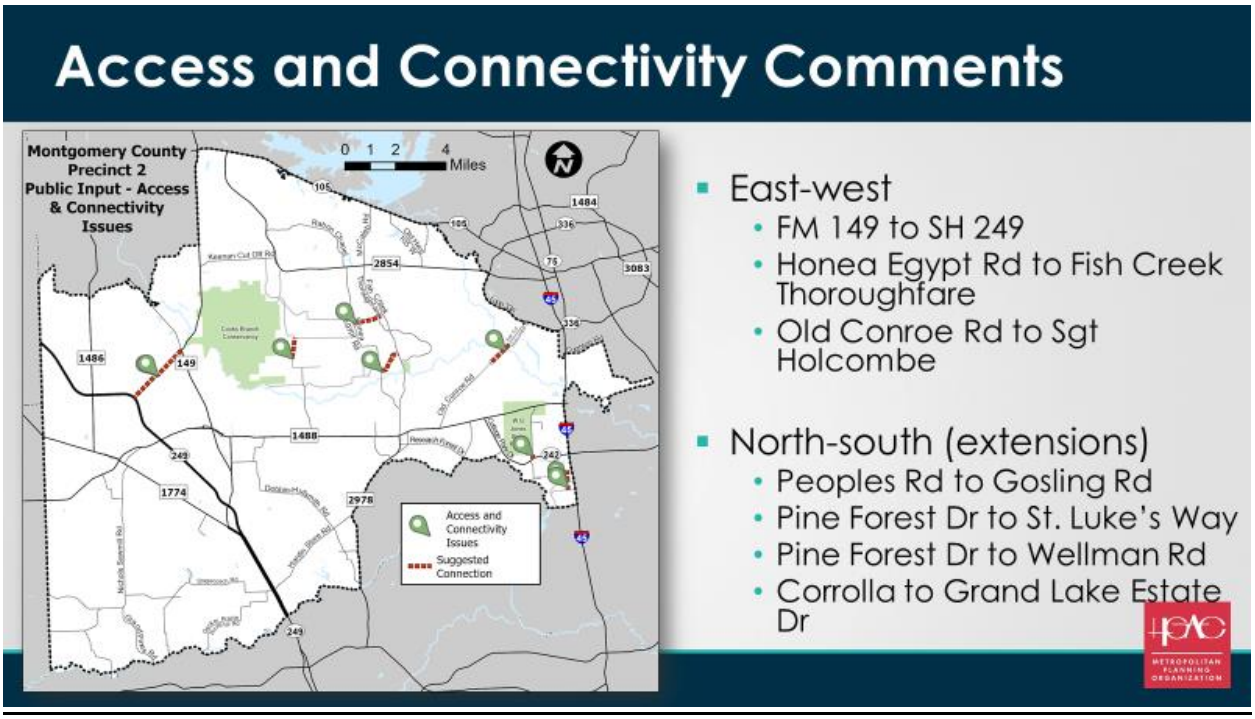
This is the interactive map where people could drop a pin and provide a comment. We divided the comments received into 5 categories and color coded them. Congestion and delay received the most comments. Most of the comments about congestion and delay were located the southern portion of the precinct, particularly along FM 1488, Research Forest, SH 242, FM 2978, etc. For safety, there were pins along SH 149 and FM 2854.



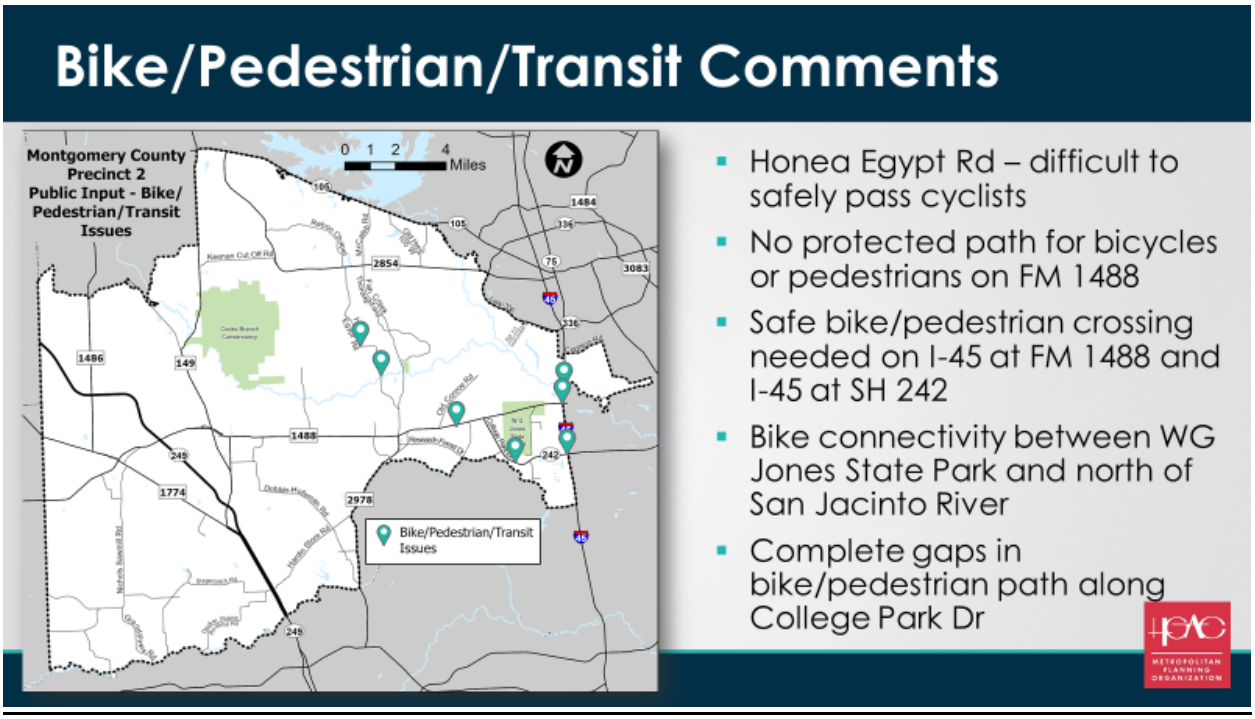
Congestion and delay received the most comments. This shows where those pins were dropped. We knew about these concerns from the you (the stakeholders), but these areas of concern were confirmed by the public. There were a lot of comments about the intersection at FM 1488 and FM 2978/Honea Egypt. The intersection at FM 149 at Spur 149 also received a lot of comments.



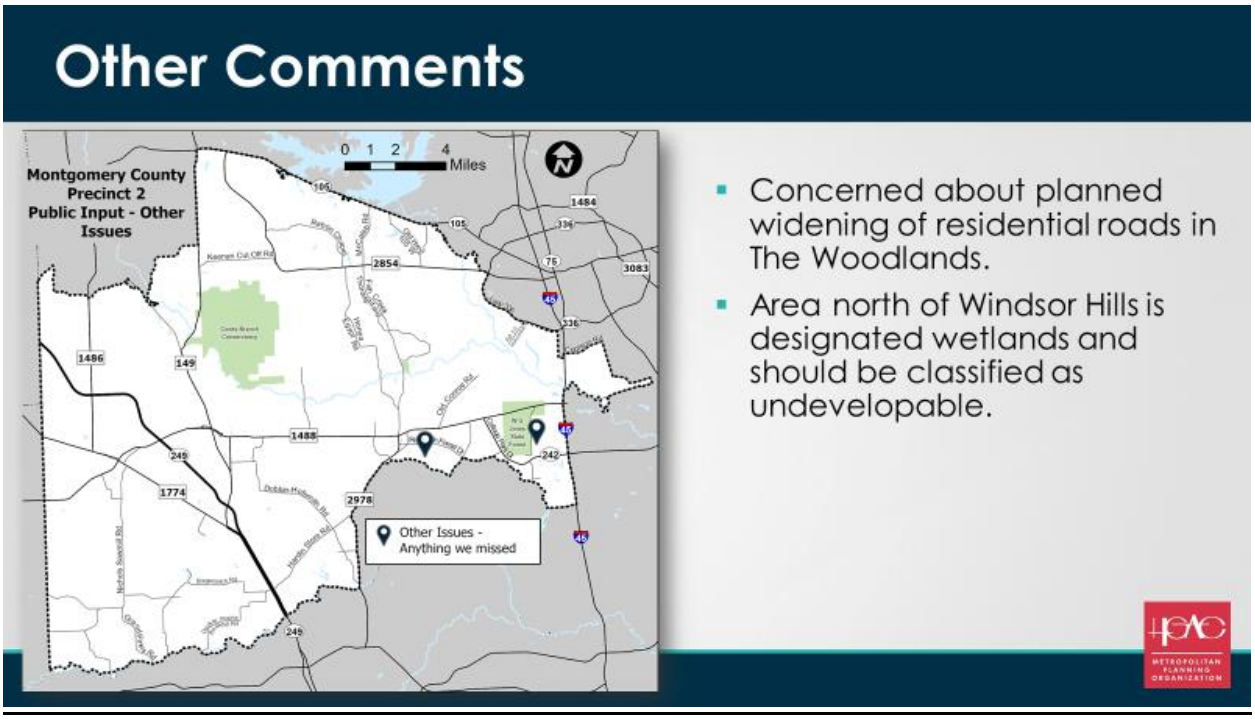
A lot of safety concerns were along FM 1488. We heard this at the Public Meeting during the comments session as well.



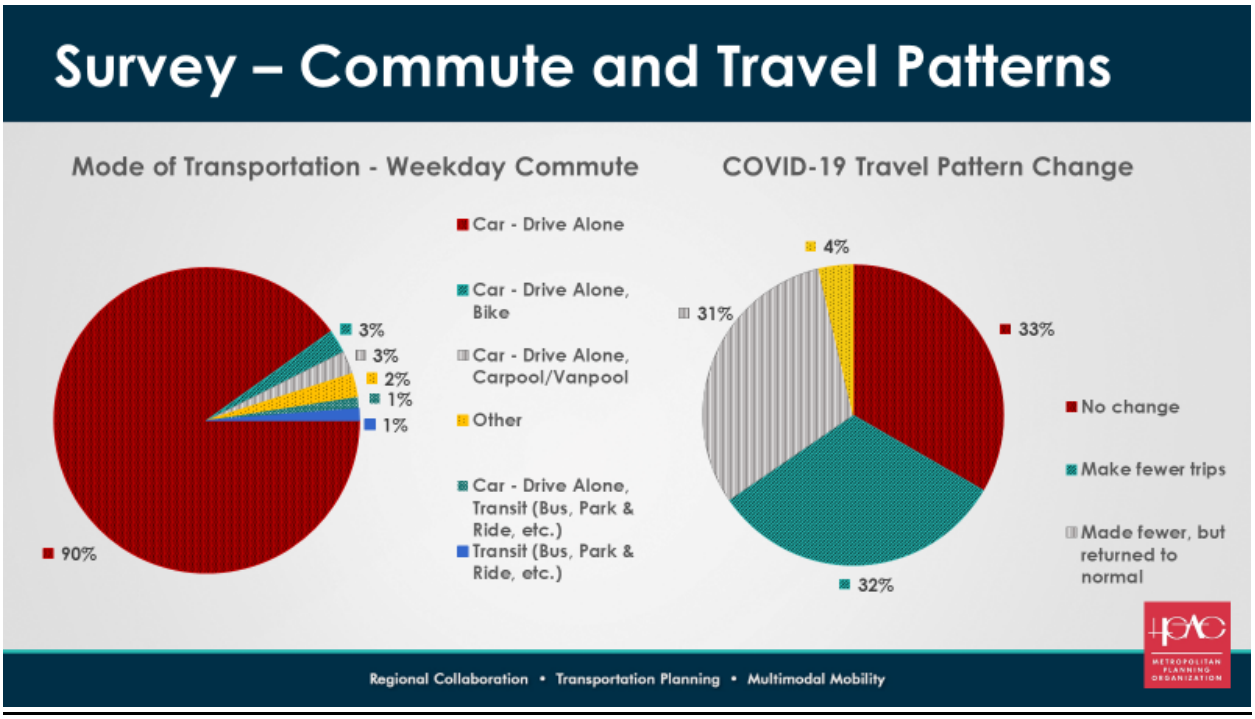
There has been a concern about lack of connectivity east/west and north/south. These comments confirmed these connectivity issues and concerns.



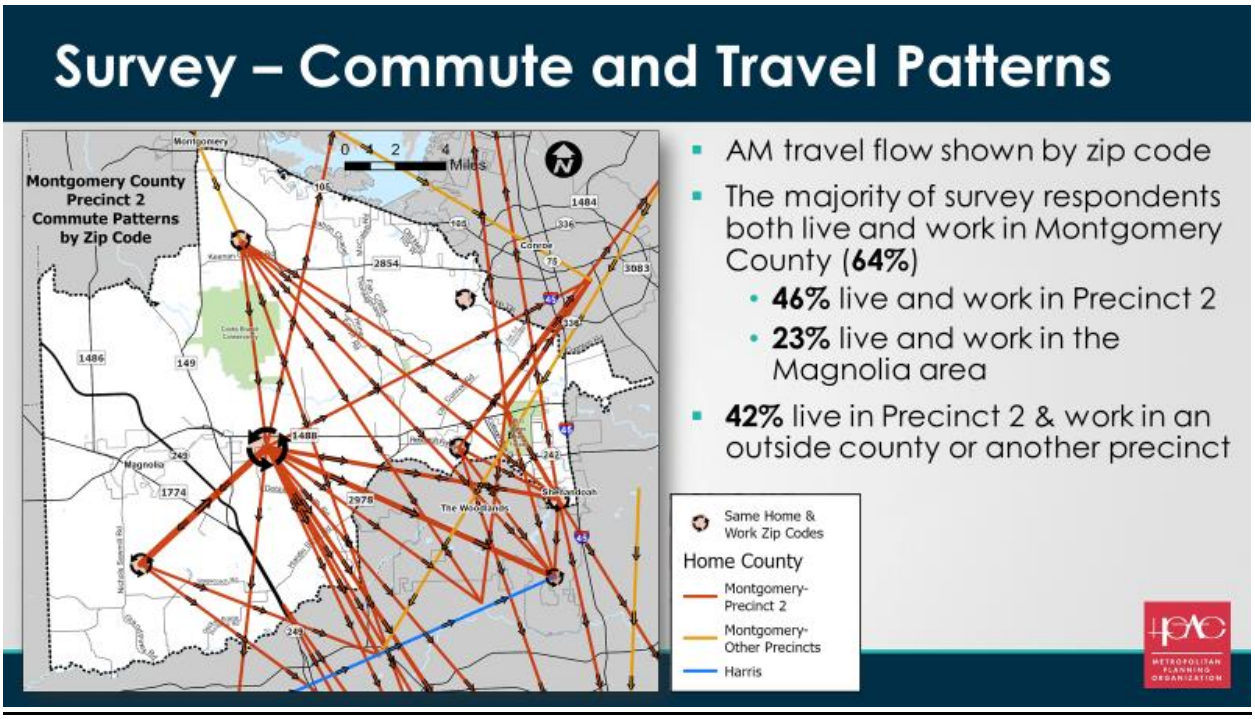
We did not get any transit comments, but we did get a lot of comments about bike safety and connectivity. Comments included that bicyclists were riding in the shoulder along FM 1488 and this was a safety concern.



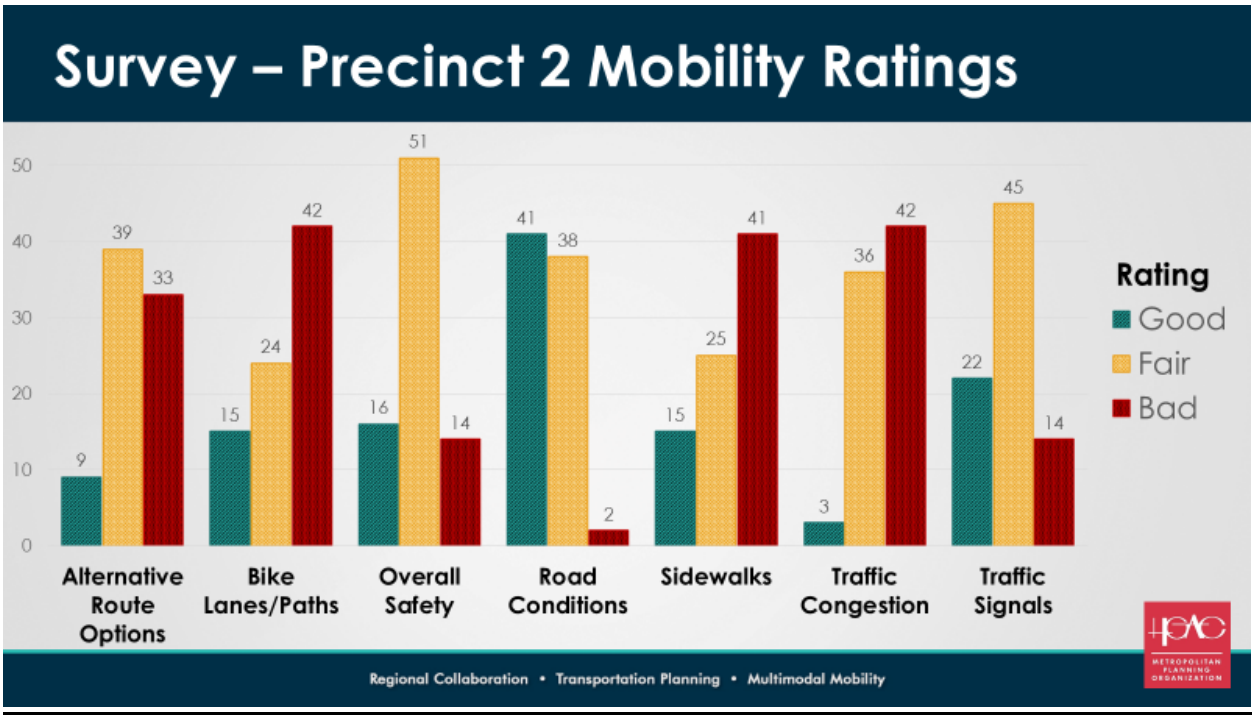
We received two other comments/concerns about widening residential roads in The Woodlands. The only widening we are aware of is on Kuykendahl Road. We do not think this is a concern because we do not think the residential roads will be widened and it would be the major thoroughfares. The other comment was about the Windsor Hill area needing to be designed as wetland and as undevelopable. We will look into this area; however, there are no issues that would cause congestion in this area.



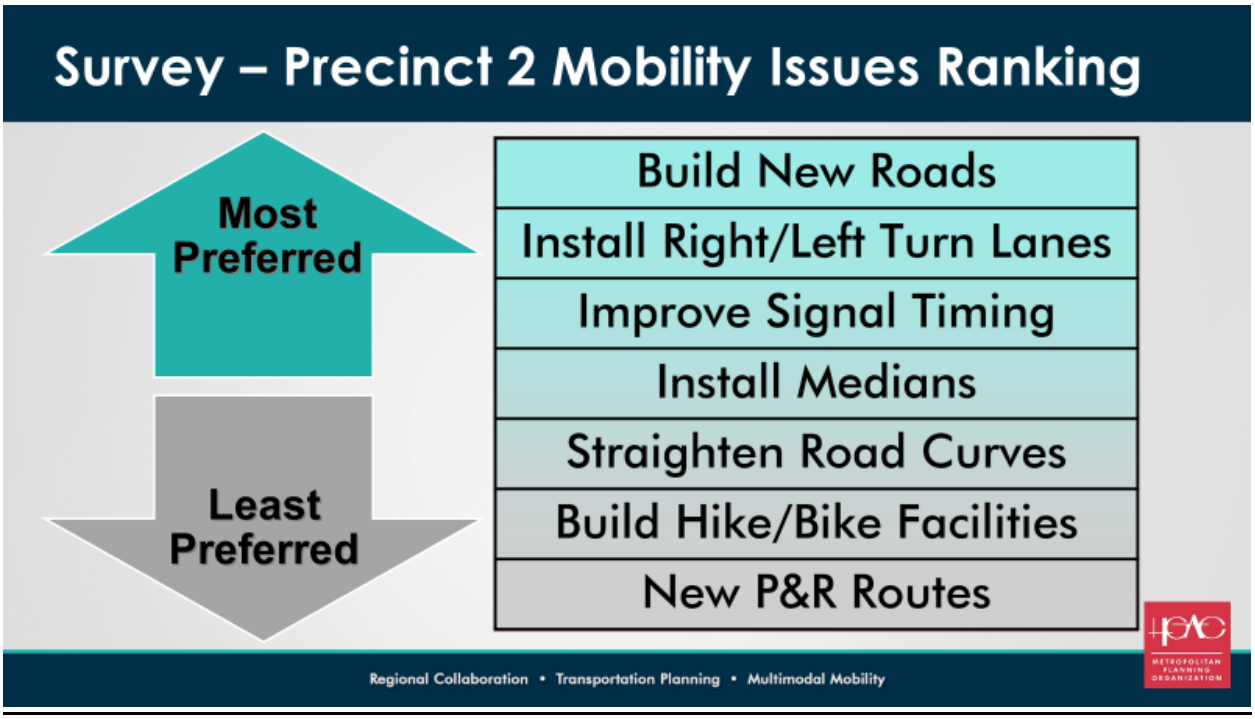
The survey asked about how people commute to work. On the left you will see about 90% of respondents drive their vehicle to work; 1% use transit and another 9% mixed of transit and drive alone, etc. There was a question about how COVID impacted traveling to work. About a 1/3 of the respondents indicated COVID did not change travel patterns at all. Another 1/3 indicated COVID did change for a while and now it's back to normal. Another 1/3 indicated fewer trips to work.



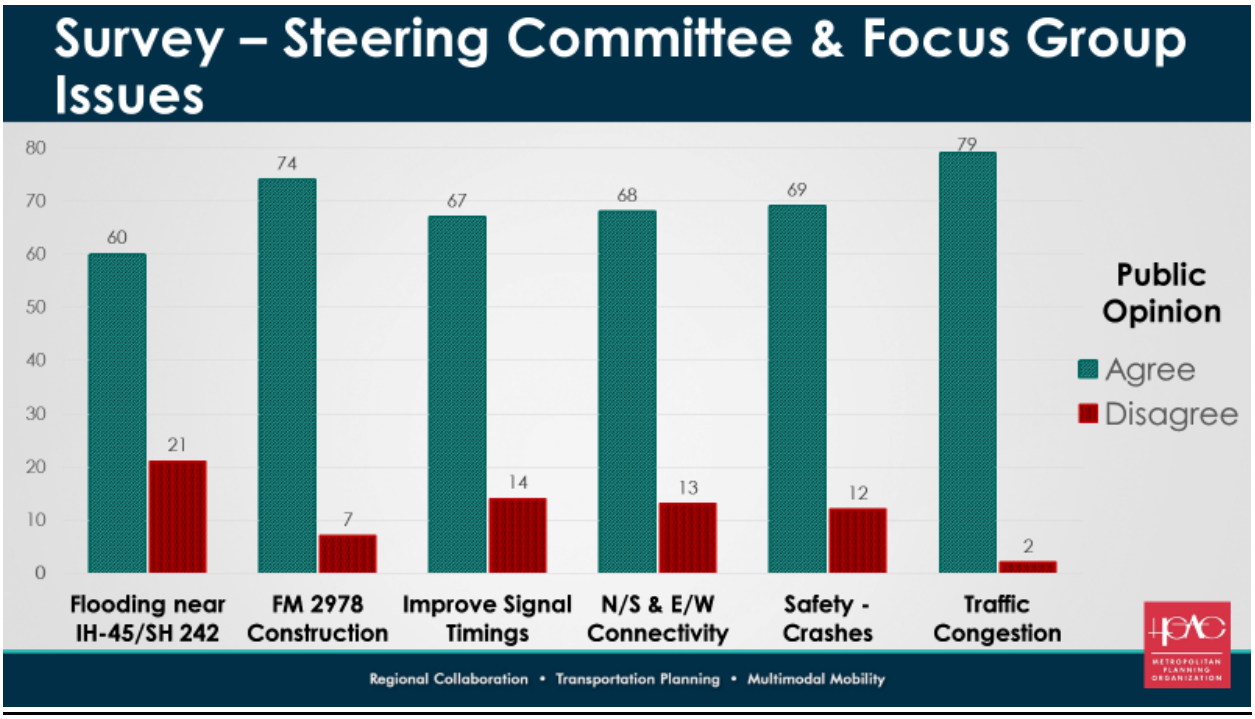
This is a "zip code survey" where we asked the zip code of where the people are coming from and where they are going. Forty-six percent of people living in Precinct 2 work and live in Precinct 2.



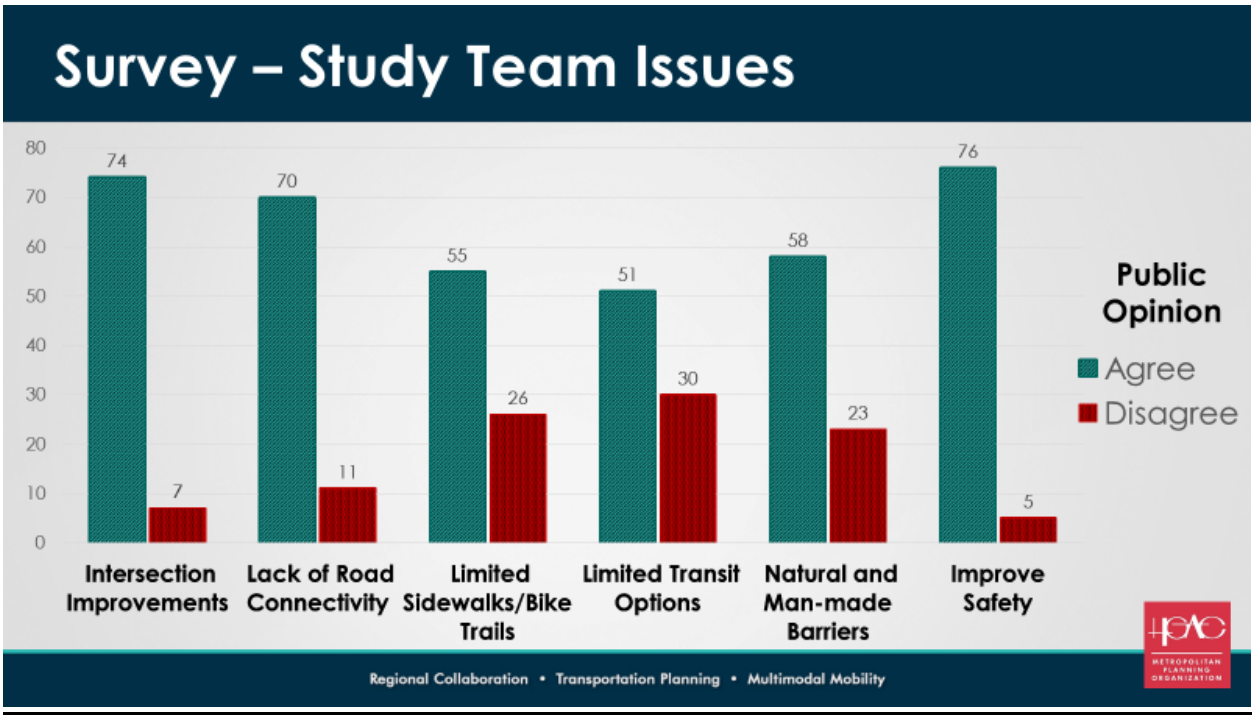
We also listed some of the issues we thought were critical and wanted to see how the public felt about these issues. The two that were the worst in the precinct were traffic congestion and bike lane/paths. Road conditions ranked high meaning road conditions are good in the precinct. Safety is something we need to look at because many people rated overall safety as fair.



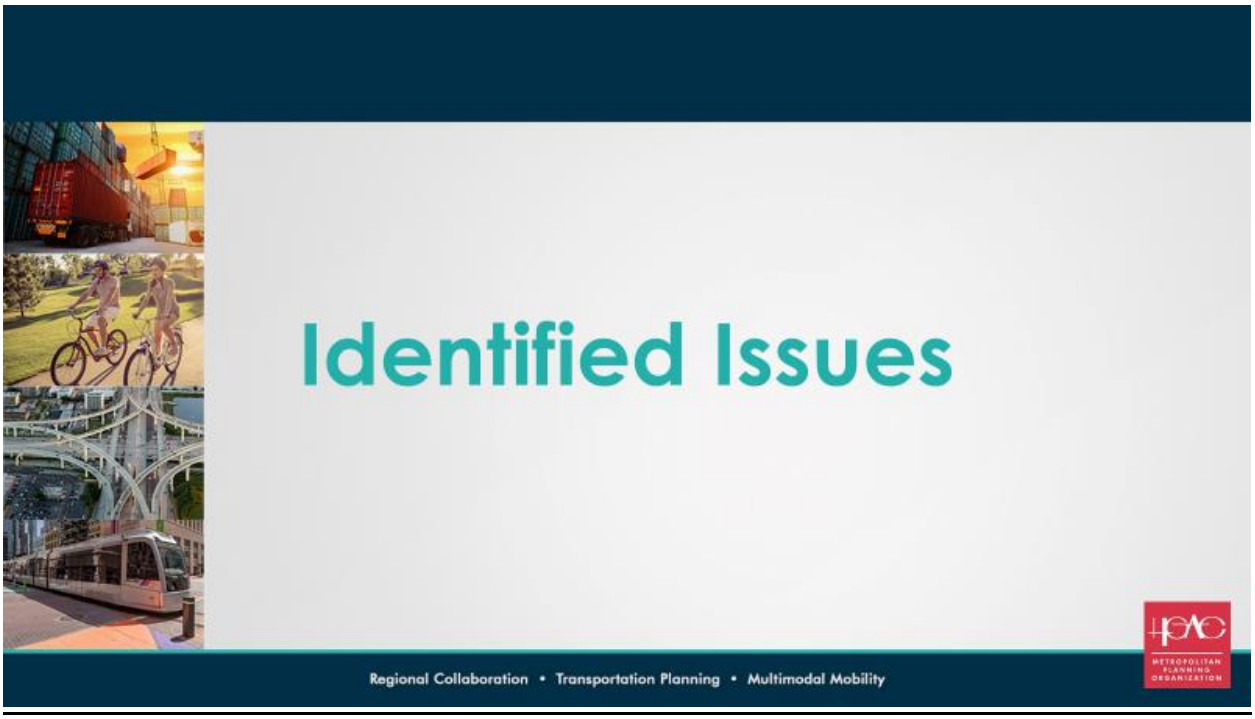
Respondents think that we need to build new roads as the highest priority and install right/left turn lanes at traffic intersections. New park and ride facilities ranked lowest of the preferred improvements. The 2nd lowest of the preferred improvements was to build hike/bike facilities even though the hike/bike facilities ranked as something that is not very good.



We wanted to see how the issues that the stakeholders identified resonate with the public. The public agreed with the issue identified by the stakeholders. This confirms the public agrees with what was already identified by the stakeholder as issues.



Again, the majority of the public agreed with what the stakeholder already identified as issues. Safety was the #1 concern.

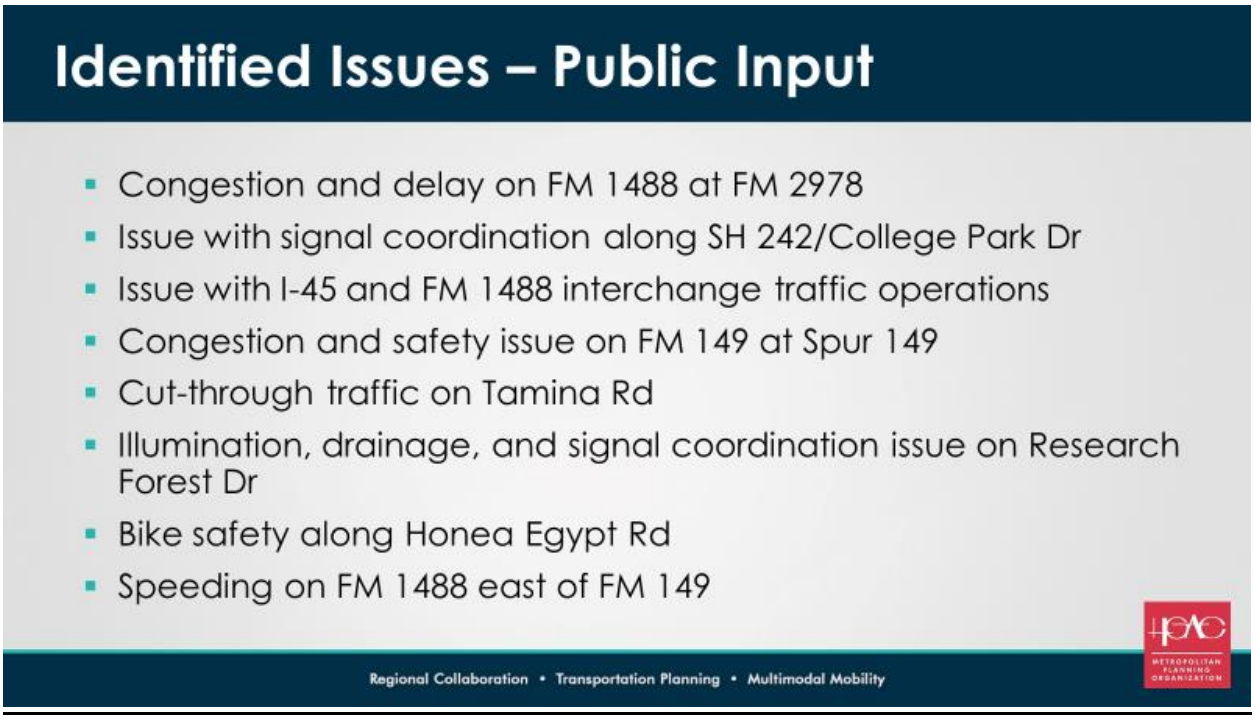

Identified Issues
Regional Collaboration • Transportation Planning • Multimodal Mobility

Identified Issues

Major Issues	Steering Committee	Stakeholder Groups	Public Input
Traffic Congestion	X	X	X
Dangerous Road Curves	X	X	X
North/South Connectivity	X	X	X
East/West Connectivity	X		X
Transit Needs	X	X	
Intersection Congestion	X	X	X
Need Bike Routes	X	X	X
Corridor Signal Timings	X	X	X
Railroad Crossings	X	X	X
Flooding near IH-45/SH242	X		X
Extend Old Conroe Road	X	X	X
FM 2978 Construction	X	X	X
School Traffic	X		X
Safety - Crashes	X	X	X
New Developments	X		X
Hospital Access		X	
Need Turn Lanes			X
Access Management			X
Need Road Widening			X
Need Street Lighting			X
Signing and Pavement Marking			X



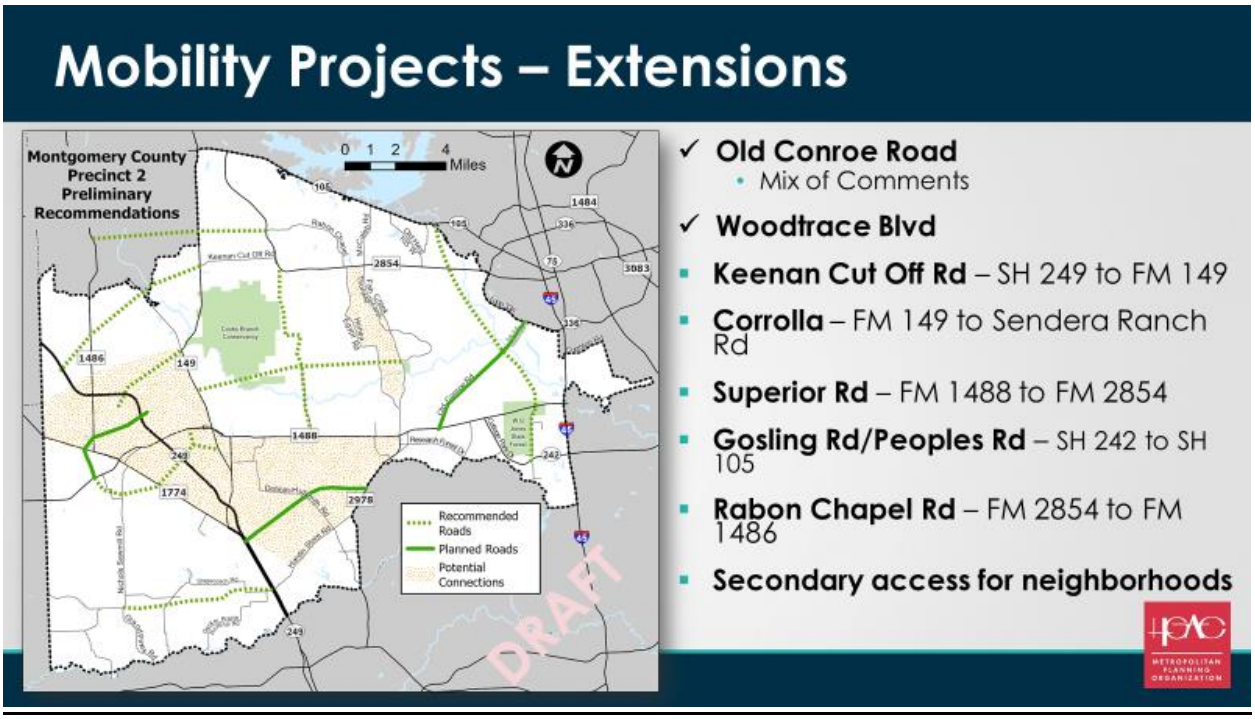
These are some of the identified issues from the public. The public agreed with everything the stakeholder identified as issues; however, the public identified additional issues – turn lanes, access management, new road widening, street lighting and signing ang pavement markings.



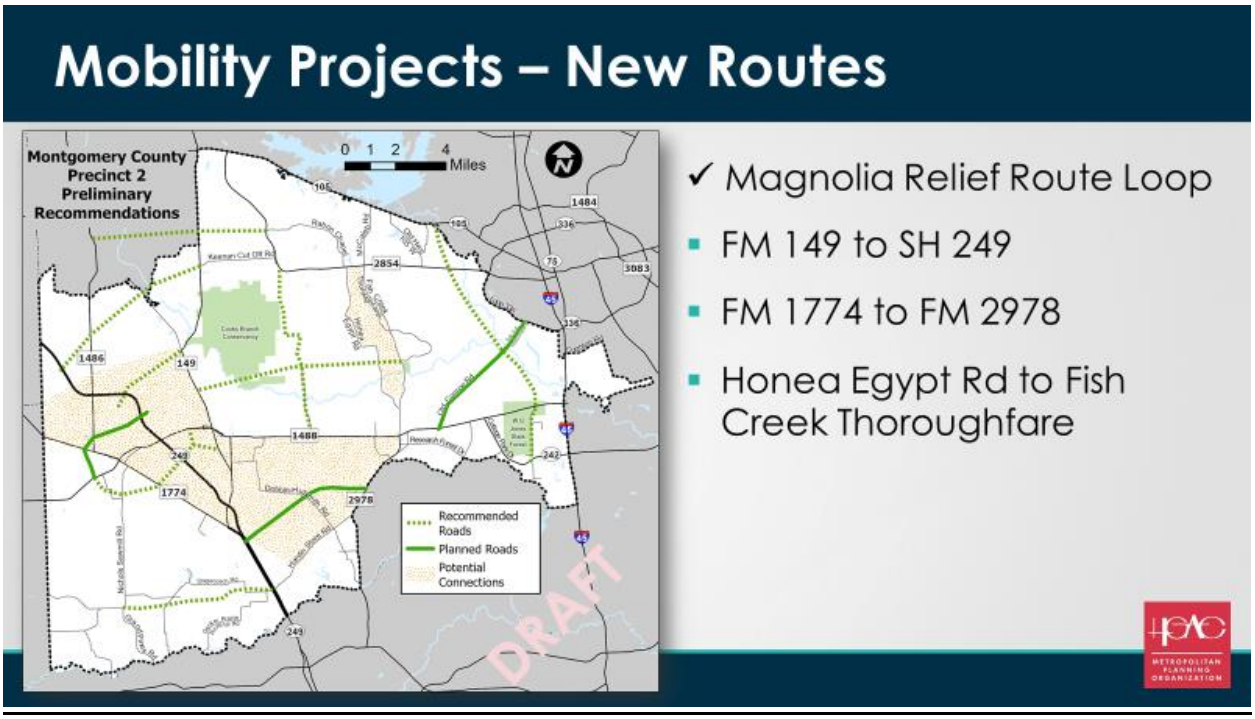
These are the specific concerns we heard from the public. These are issues that were talked about and repeated in the comments received.



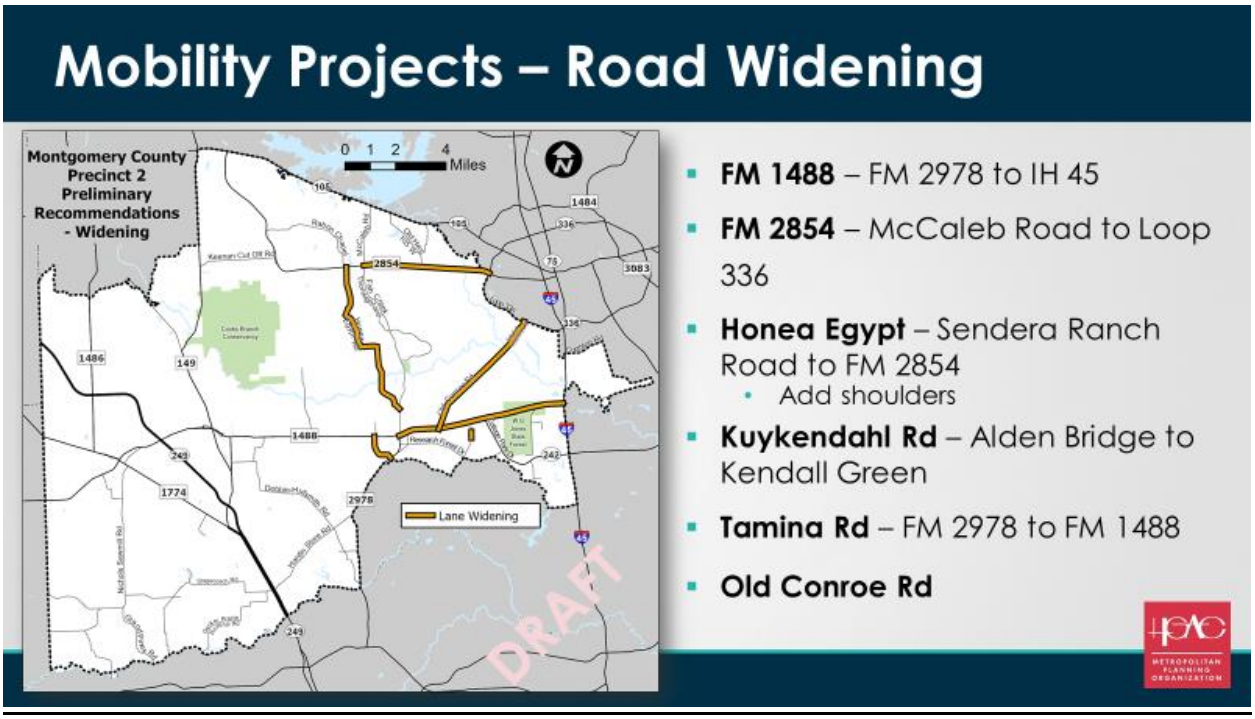
Based on all information, we have some preliminary recommendations.



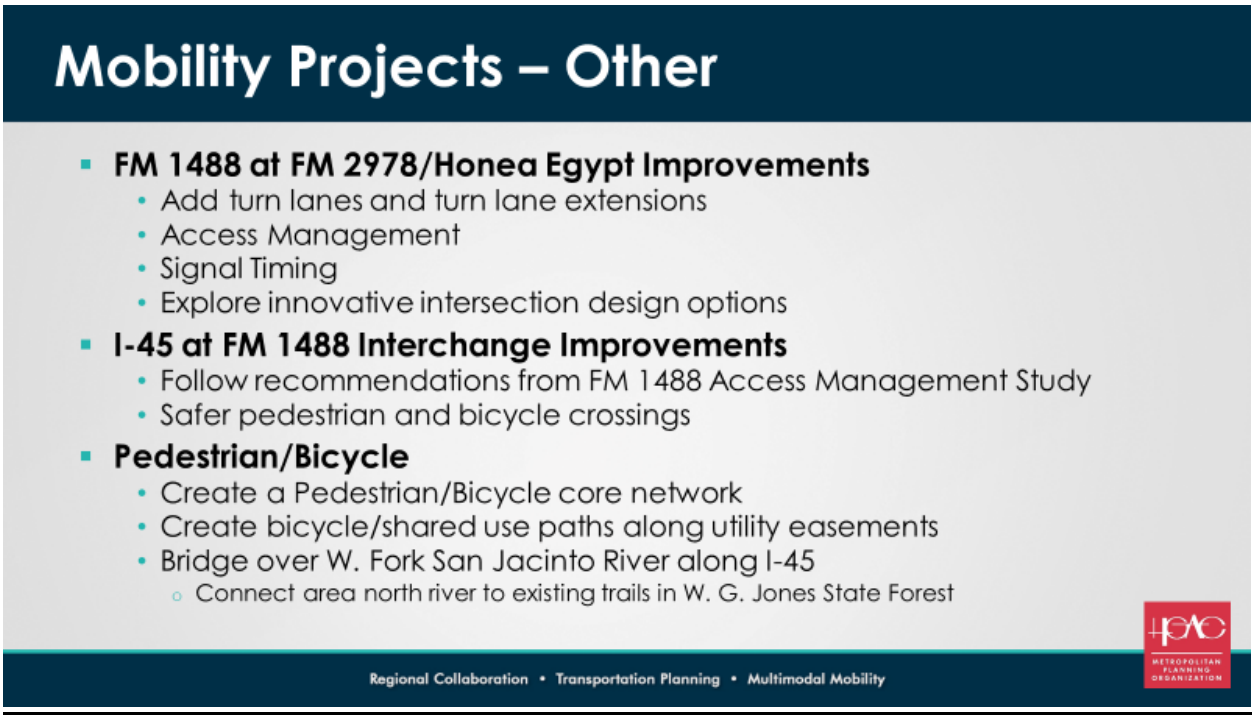
These are the recommended mobility projects (extensions). We know Old Conroe Road is planned to be extended. There were some comments that the extension would cause additional congestion issues. Woodtrace Boulevard is also already planned to be extended and improved.



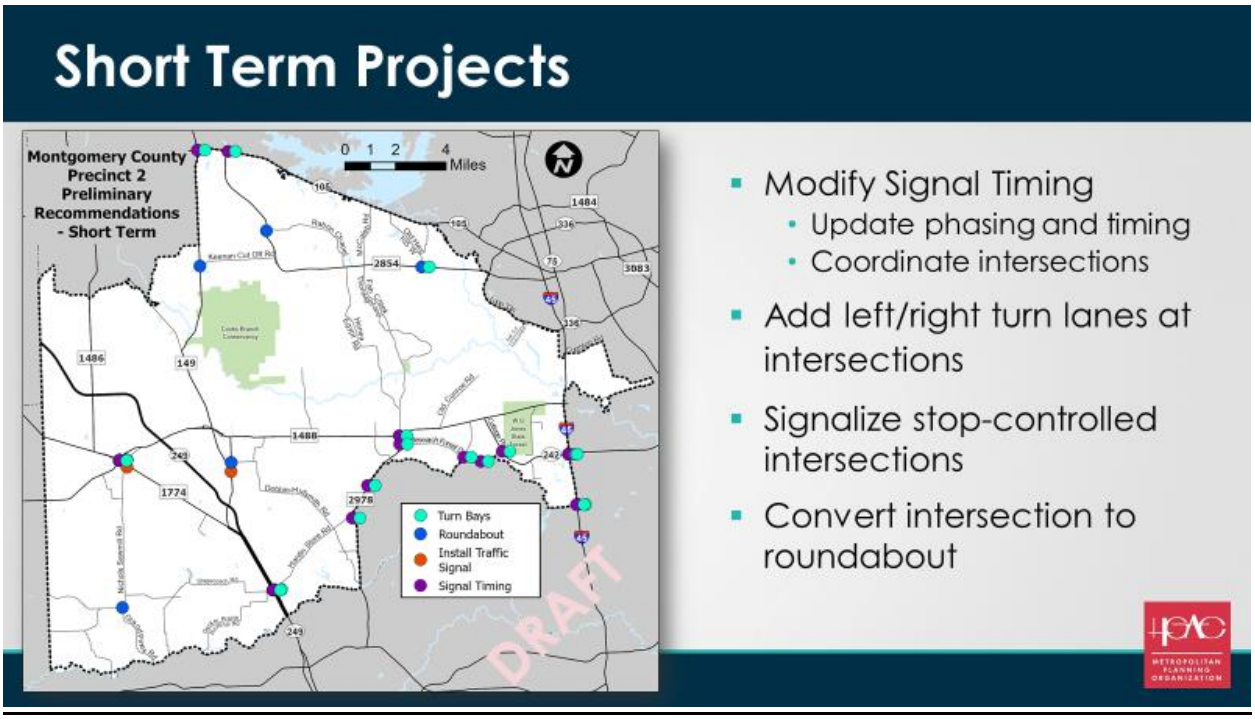
These are the new routes we are recommending. Magnolia Relief Route is already planned. We are also going to look at somehow connecting the City of Magnolia to I-45.



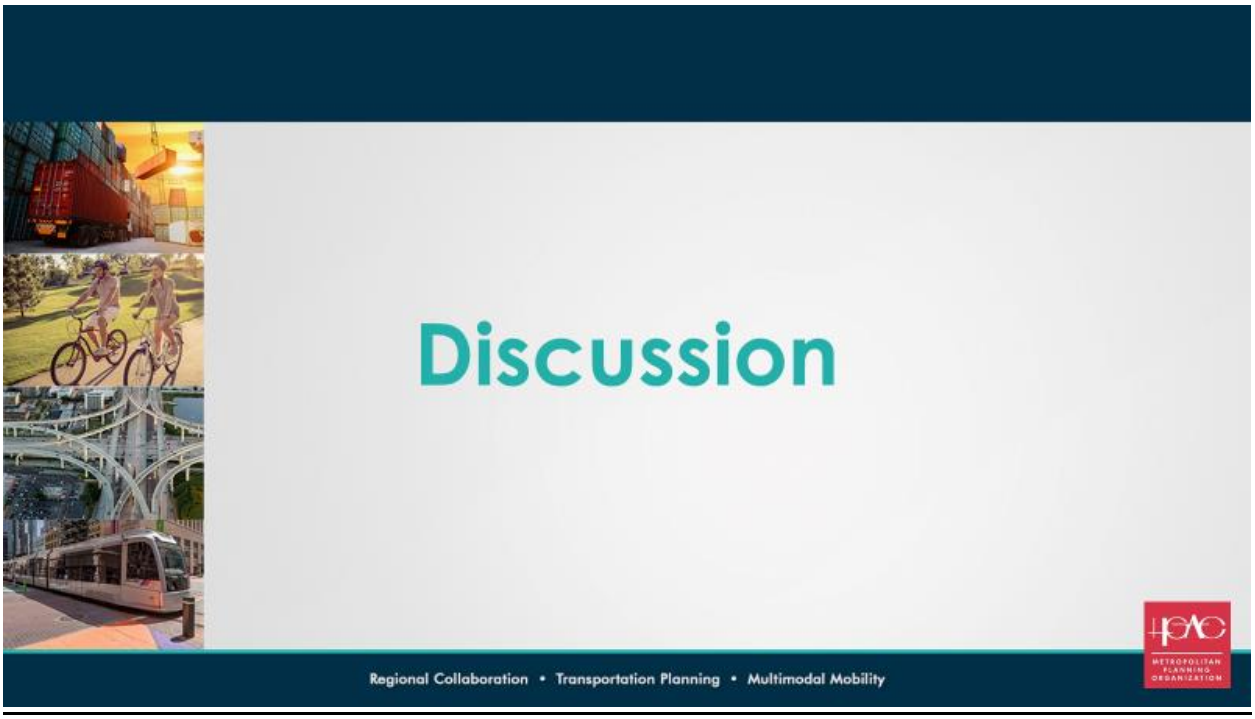
Another option is widening existing roadways. Widening increases capacity of the roadway. We can also add shoulders and could make them 4 lanes which enhances safety. We could also have a shared path for bicycles. By widening we can also improve drainage.



These are some other projects we have talked about. This is a good opportunity to come up with innovative designs at the interchanges. We can also look at utility easement and see if we can include bike/pedestrian facility in the existing utility easements.



Based on what we have gathered so far, these are some "quick turn-around" projects with fairly low cost. We need to look at traffic light "progression" to minimize stop and start between traffic lights. Also turn lanes allow the storage of vehicles to get them out of the way of moving vehicles. We can turn some stop sign intersections into signalized intersections - one intersection in particular is at Dobbin/Huffsmith and Spur 149. Another option is roundabouts which would help in areas with concern about access, but not enough demand for a signal. Research Forest Drive and possibly SH 242 might be good candidates for roundabouts.


Discussion
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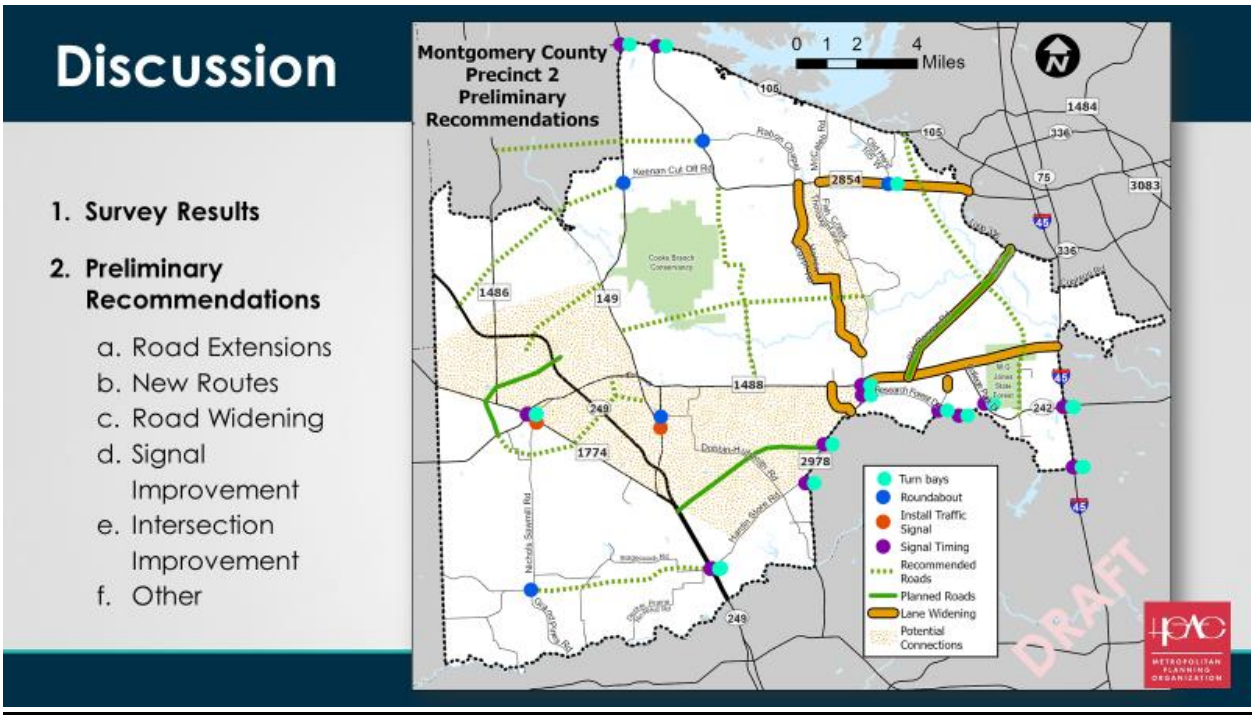

Carlene – I wanted to get feedback on the survey results and preliminary recommendation. The preliminary recommendations may change or be removed from the list and some may be added to the list.

Note: See Comment Response Matrix for Questions and Answers (Attachment C).


Next Steps
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Carlene - We will continue to develop and analyze recommendations. We will have a lot more recommendations than we do right now.



If you have any questions, you can contact me, Carlene or Justin Kuzila. WE have the website and will be updating it as we go. I will send out the survey results so everyone can review those.

Attachment C

Table 1. Questions/Answers

Montgomery County Precinct 2 Mobility Virtual Steering Committee Meeting #4

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Response
COMMENTS RECEIVED DURING VIRTUAL STEERING COMMITTEE MEETING #4					
1	Kyle Montgomery	06/24/2021	Virtual Steering Committee Meeting #4	Can you send the survey results to us to we can review them?	Carlene – Yes, I will send the survey results to everyone.
2	Kyle Montgomery	06/24/2021	Virtual Steering Committee Meeting #4	Is there a traffic signal proposed at FM 1774 and Nichols Sawmill Road?	Catie – The signal showing is the intersection of Nichols Sawmill and Commerce. Kyle Montgomery – That intersection is a problem, but not sure about a proposing a traffic signal at that location. Commerce is so close to Nichols Sawmill Road; if there was a signal there, it would cause traffic to back up on FM 1774. Catie – The lights would have to be timed. Kyle – There is only 40 yards between Commerce and Nichols Sawmill Road. Carlene – We would have to look at something else other than a traffic light.
3	JoDell Whitehead	06/24/2021	Virtual Steering Committee Meeting #4	I travel 1488 quite a bit and I cannot imagine putting a bike path on FM 1488.	Carlene – There is a bike path on FM 1488 right now. JoDell – There are rarely bikers on the existing path. I love the idea of creating a bike path within an easement. Even with a car you can barely cross FM 1488.
4	Steve Leakey	06/24/2021	Virtual Steering Committee Meeting #4	Kuykendahl needs to be 4 lane all the way from Research Forest to FM 1488. Most of it now is 2 lanes, but we need to finish up with 4 lanes. It should start at Research Forest. It would be clearer if the bullet on the slide indicated to finish Kuykendahl from Research Forest to FM 1488 to 4 lanes.	Carlene – We will extend the line on the map.
5	Rob Eissler	06/24/2021	Virtual Steering Committee Meeting #4	Steve, I thought they were working on that (Kuykendahl from Research Forest to FM 1488) now?	Steve - They are working on everything east of that in Precinct 3, but not in Precinct 2. We also need Research Forest all the way to FM 1488 in Precinct 2.

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Response
6	JoDell Whitehead	06/24/2021	Virtual Steering Committee Meeting #4	Where could we have a thoroughfare from Magnolia to I-45?	Carlene – We do not know currently. Unfortunately, development is blocking the ability to connect. There are a lot of homes developed in the area. It will be very difficult. RL – I remember with the connection to Memorial, they had to condemn some homes. Carlene – There was a comment made that we may have to purchase homes and/or businesses which is difficult to do and very sensitive. Carlene - Unfortunately thoroughfare plans were not enforced. JoDell – How does that happen? Carlene – They don't enforce the thoroughfare plan with the developers. The thoroughfare plans are developed to focus on the good of the area. Barbara – We know Mont C. is updating the thoroughfare plan and we want to make sure the major thoroughfare plan is responsive to where the needed improvements are. We have been in contact with the specialist working on the Major Thoroughfare Plan and we are working in tandem with them. Some of the recommended projects that come out of this Mobility Study will be included in the thoroughfare update. Carlene - Roads do not end at county boundaries. Steve – Commissioner Noack (Precinct 3) is doing some planning also and the plans need to be integrated into one Master Plan. Carlene – One recommendation is connecting SH 149 to Fish Creek thoroughfare and Honea Egypt, but it goes through Cooks Branch Conservancy. Possibly the conservancy could donate ROW. We will need to have discussions with them. It would provide connectivity in the county. We could make it good for the conservancy to provide more access to the conservancy. This is a needed east/west connection.
7	JoDell Whitehead	06/24/2021	Virtual Steering Committee Meeting #4	Carlene, you do coordinate with the other precincts, right?	Carlene – Yes, we do. We visited with Andi DeBois at Commissioner Noack's office. We communicated back and forth. We have had discussions with them and Commissioner Precinct 1 (Walker) and Commissioner Metts (Precinct 4) as well.

Montgomery County Precinct 2 Mobility Virtual Steering Committee Meeting #4

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Response
8	JoDell Whitehead	06/24/2021	Virtual Steering Committee Meeting #4	Are there certain traffic patterns (volumes) where you would not want to construct round-abouts?	Carlene – Yes, there is a certain traffic volume where round-abouts do not function well. Catie – I do not know the exact volumes. JoDell – I know the speed limit on FM 2854 is 60 MPH and was not sure about a roundabout at that location.
9	Steve Leakey	06/24/2021	Virtual Steering Committee Meeting #4	Are all roads in the county included in North Star?	Carlene – Mont. County is all on North Star system; however, the counties do have control over state roads yet. The state controls the state roads, but they are working on that.
10	JoDell Whitehead	06/24/2021	Virtual Steering Committee Meeting #4	What about emergency equipment? Doesn't it throw the system off? Is it an automatic system or coordinated through a central location?	Catie – Typically, each intersection has a censor for each approach, but they are designed to work back into one coordination pattern. It does not happen instantly, but it does work in coordination.
11	Carlene Mullins	06/24/2021	Virtual Steering Committee Meeting #4	Carl or Brent, are there any roads you are working on with Commissioner Riley that we do not have shown on the map?	Carl – No, I think during the previous meetings and discussions, we included our roads, so they are shown. Rob Eissler – To add to what Carl said, we have some dotted lines that we are considering for future possibilities. Carlene – Even if the ideas are long shots, we would like to know. Carl – The ideas that are long shots are the green dotted lines on your map already, so they are shown.
12	Brent Everson	06/24/2021	Virtual Steering Committee Meeting #4	Did you have these kind of meetings in the past (pre-COVID) all virtual or is this the first time we have had these meetings all virtual? In person is far more productive.	Carlene - All meetings like this used to be in-person. A couple of times we recorded in-person meetings, but we have always had in-person meetings in the past. Carlene – If you all can be thinking about a location where we can meet in-person in August, that would be great. Steve - Magnolia ISA Event center is a good facility. Note: a few people on the call agree. Brent – If we don't have to meet in Precinct 2, we have a facility we own across from The Woodlands. Steve - J.J. Hollie has a big meeting room at The Woodlands chamber. J.J. Hollie – Yes, we can definitely meet at our location.

Table 1. Questions/Answers

Comment Number	Commenter Name	Date Received	Source	Comment	Response
13	Mike Burns	06/24/2021	Virtual Steering Committee Meeting #4	Regarding round abouts, it depends on how many lanes are approaching the circles. For 1 lane it is about 25,000 vehicles and for 2 lanes is about 50,000 vehicles. I can share a link for Fed Highway guidance	Carlene – It is important to make sure the round-abouts are well thought out. Some are not laid out well and causes weaving. Steve – Some of the older round-abouts are not well designed. Brent – I noticed a round-about in Shenandoah that had issues with large truck trailers hitting the middle of the round-about. I've seen other with weaving issues. Carlene – Maybe Shenandoah is not quite large enough to accommodate the 18 wheelers. Catie – Sometimes they have truck aprons to accommodate trucks through the round abouts and can be considered in the ultimate design.



Montgomery County Pct. 2 Mobility Study Steering Committee Meeting 4

Carlene Mullins, H-GAC
Barbara Koslov, Gunda Corporation
June 24, 2021

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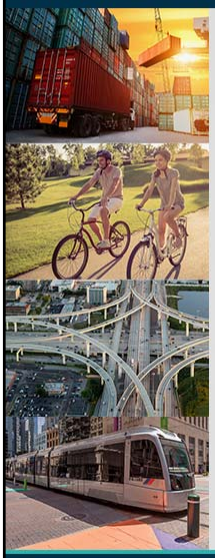
1

Agenda



- Study Overview
- Survey Results
- Preliminary Recommendations
- Discussion
- Next Steps

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2


Study Overview
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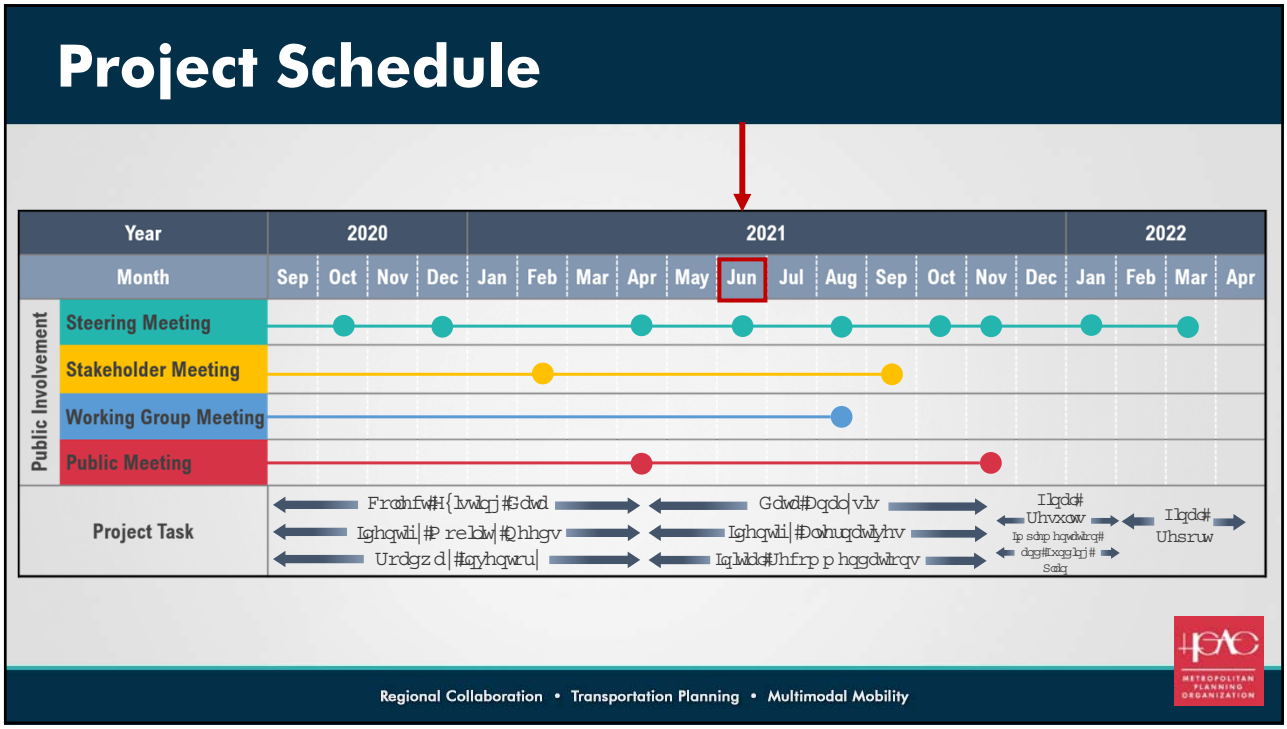
3


Project Schedule
Year
2020
2021
2022
Month
Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr
Public Involvement
Steering Meeting
Stakeholder Meeting
Working Group Meeting
Public Meeting
Project Task
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4

Vision

Develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.

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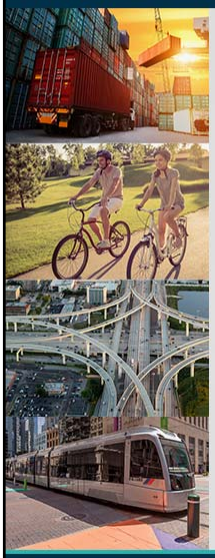
5

Goals



- *Improve Safety*
- *Achieve and Maintain a State of Good Repair*
- *Move People and Goods Efficiently*
- *Strengthen Regional Economic Competitiveness*
- *Conserve/Protect Natural and Cultural Resources*

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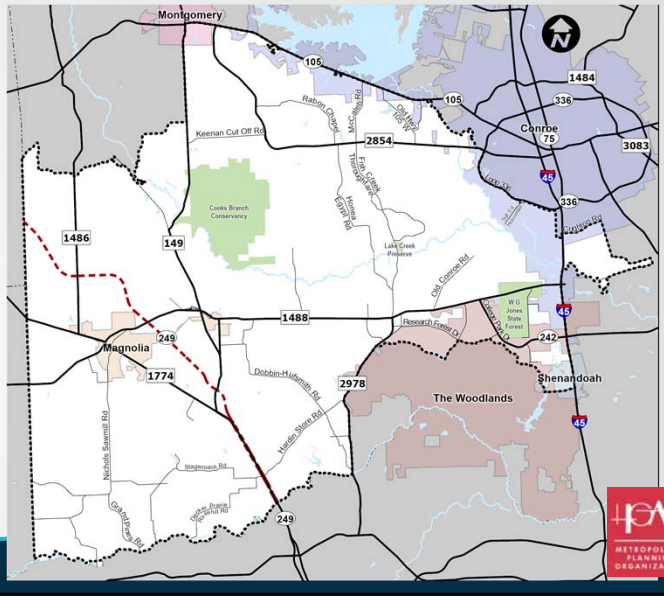
6

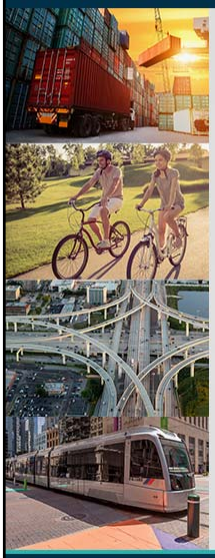
Purpose

- Identify mobility needs
- Develop consensus on recommendations
- Develop a list of projects
- Recommend updates to Thoroughfare Plans



7

Steering Committee Role



- Identify mobility issues, new developments, trip generators, etc.
- Develop a vision statement, goals and objectives
- Receive, review and provide input throughout the development of the mobility plan
- Recommend stakeholders

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8



Survey Results

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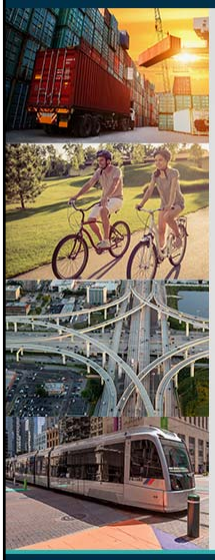
9

Public Input



- The first Public Meeting was held on April 22
- Engage.H-GAC.com
  - Survey and Comment Map closed on May 14
  - The **Survey** received **81** responses
  - The **Interactive Map** received **103** comments

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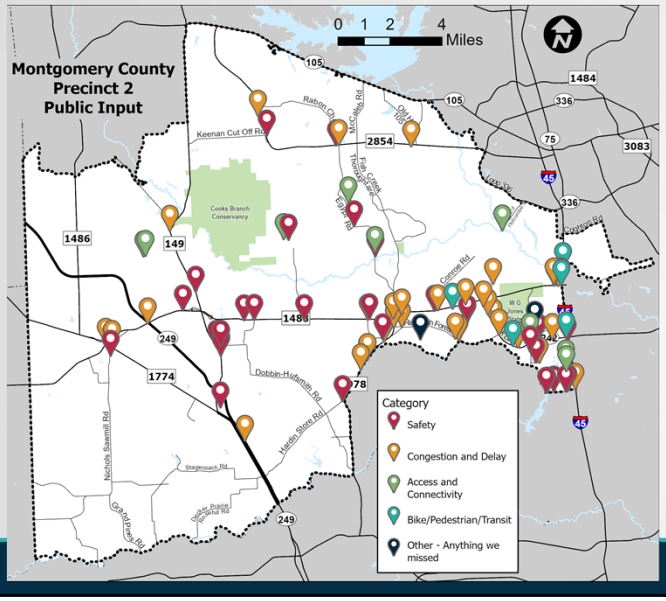
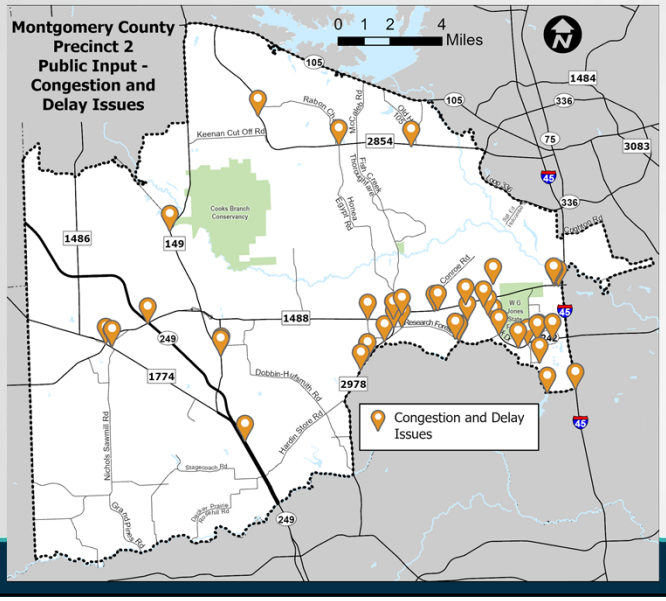
Public Comment Map



- **103** Map Comments from **40** Respondents
  - 52 – Congestion and Delay
  - 35 – Safety
  - 19 – Access and Connectivity
  - 5 – Bike/Pedestrian/Transit
  - 2 – Other

11

Congestion and Delay Comments



- Corridors
  - FM 1488
  - SH 242
  - FM 2978
  - Spur 149
  - FM 2854
  - Research Forest Dr
- Intersections
  - FM 1488 at FM 2978 / Honea Egypt Rd (6)
  - FM 149 at Spur 149 (5)

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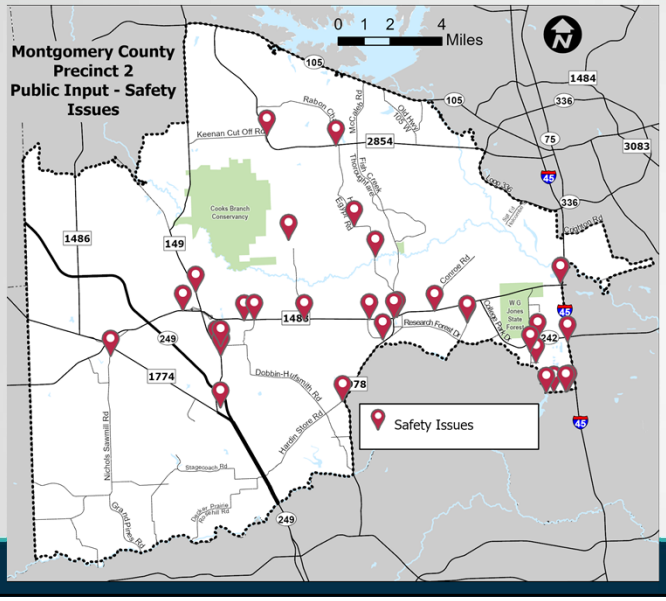
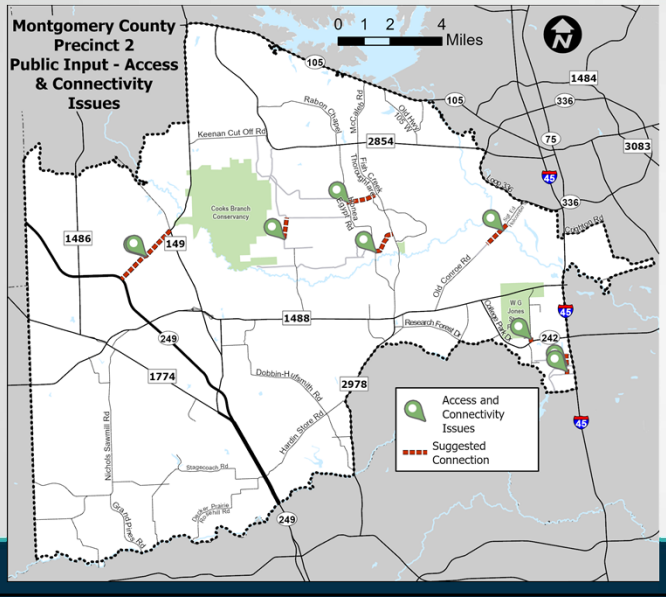
Safety Comments



- Corridors
  - FM 1488
  - Spur 149
  - FM 149
  - Research Forest Dr
  - Honea Egypt Rd
- Intersections
  - FM 149 at Spur 149 (5)
  - Spur 149 at Dobbin-Huffsmith (3)

13

Access and Connectivity Comments



- East-west
  - FM 149 to SH 249
  - Honea Egypt Rd to Fish Creek Thoroughfare
  - Old Conroe Rd to Sgt Holcombe
- North-south (extensions)
  - Peoples Rd to Gosling Rd
  - Pine Forest Dr to St. Luke's Way
  - Pine Forest Dr to Wellman Rd
  - Corrolla to Grand Lake Estate Dr

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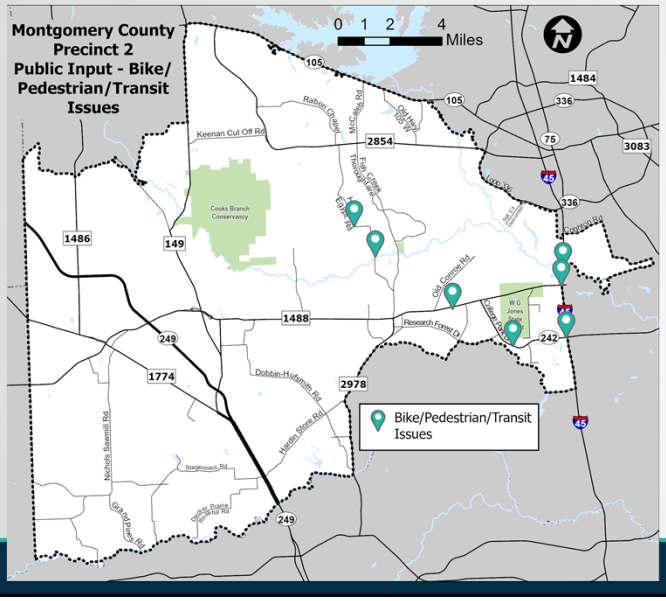
Bike/Pedestrian/Transit Comments



- Honea Egypt Rd – difficult to safely pass cyclists
- No protected path for bicycles or pedestrians on FM 1488
- Safe bike/pedestrian crossing needed on I-45 at FM 1488 and I-45 at SH 242
- Bike connectivity between WG Jones State Park and north of San Jacinto River
- Complete gaps in bike/pedestrian path along College Park Dr

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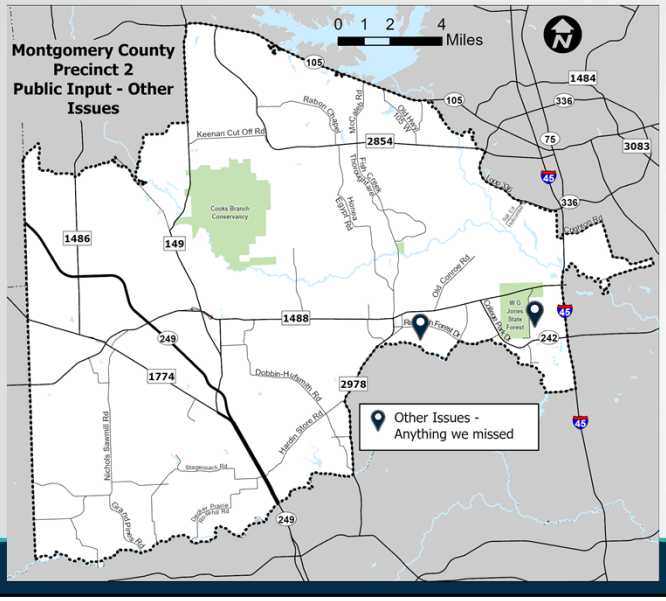
Other Comments

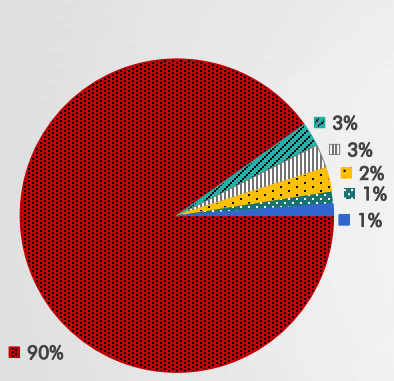


- Concerned about planned widening of residential roads in The Woodlands.
- Area north of Windsor Hills is designated wetlands and should be classified as undevelopable.

16

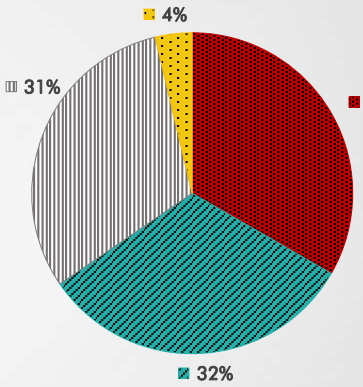
Survey – Commute and Travel Patterns

Mode of Transportation - Weekday Commute



- Car - Drive Alone
- Car - Drive Alone, Bike
- Car - Drive Alone, Carpool/Vanpool
- Other
- Car - Drive Alone, Transit (Bus, Park & Ride, etc.)
- Transit (Bus, Park & Ride, etc.)

COVID-19 Travel Pattern Change



- No change
- Make fewer trips
- Made fewer, but returned to normal
- Make more trips

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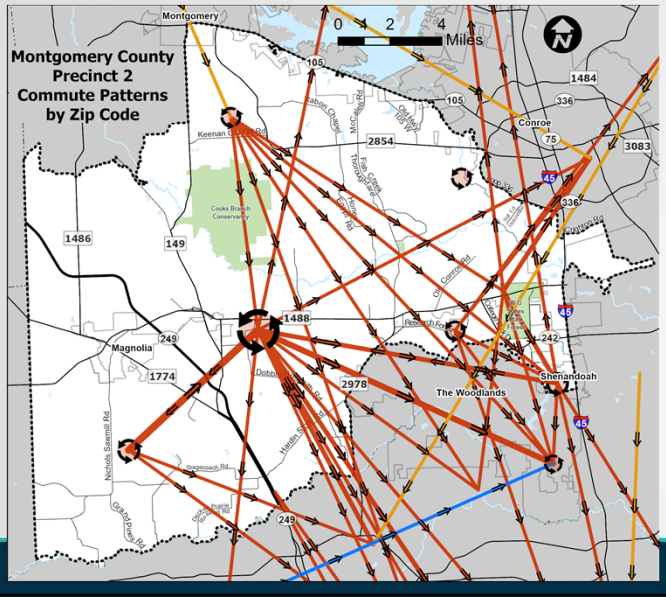
Survey – Commute and Travel Patterns



- AM travel flow shown by zip code
- The majority of survey respondents both live and work in Montgomery County (**64%**)
  - **46%** live and work in Precinct 2
  - **23%** live and work in the Magnolia area
- **42%** live in Precinct 2 & work in an outside county or another precinct

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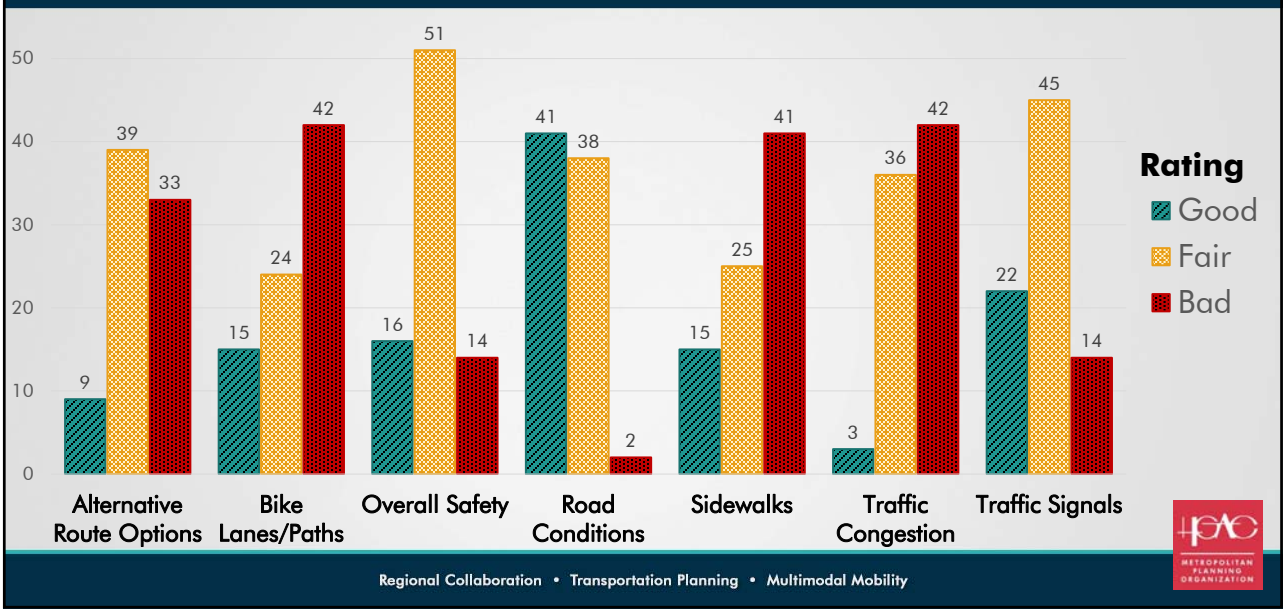
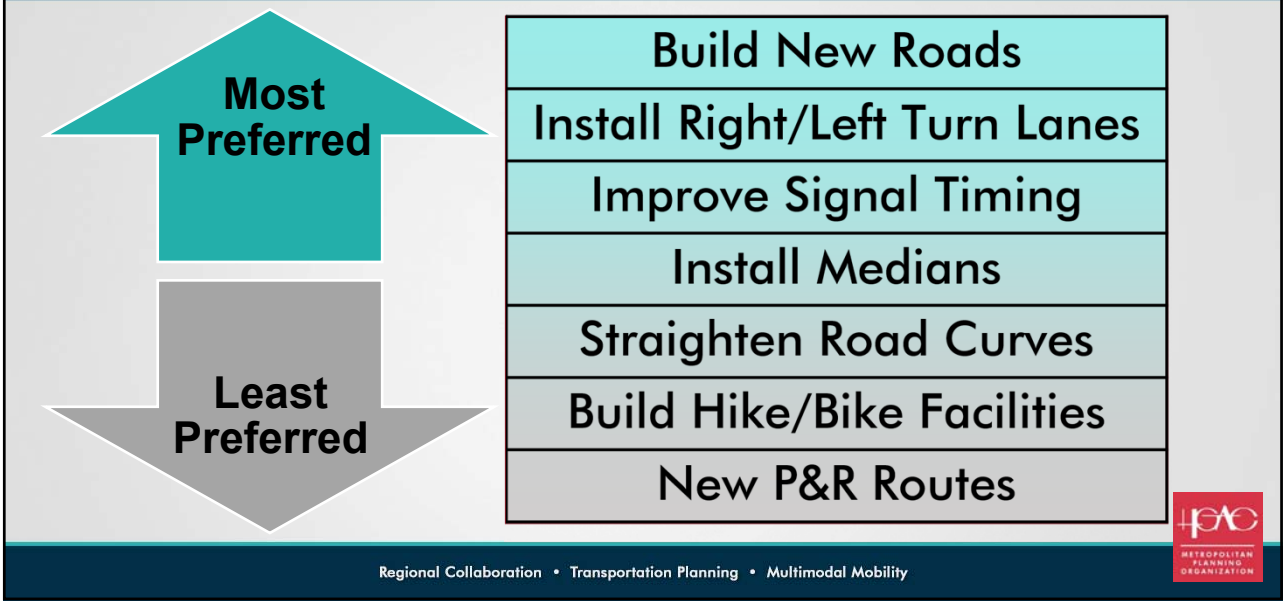
Survey – Precinct 2 Mobility Ratings



19

Survey – Precinct 2 Mobility Issues Ranking



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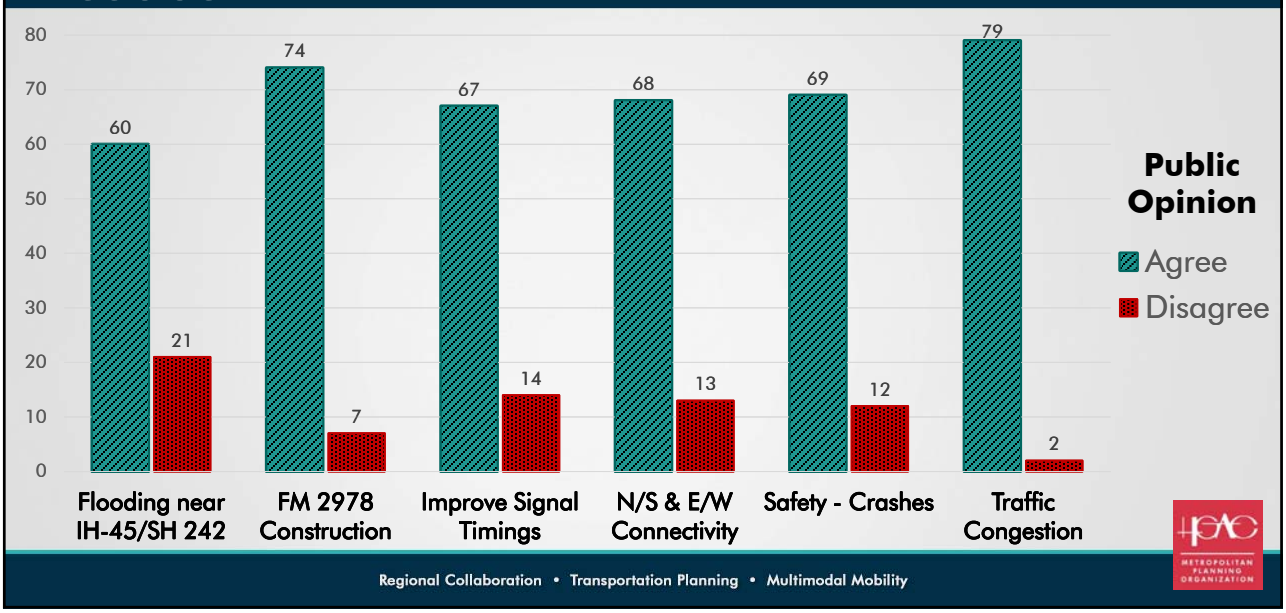
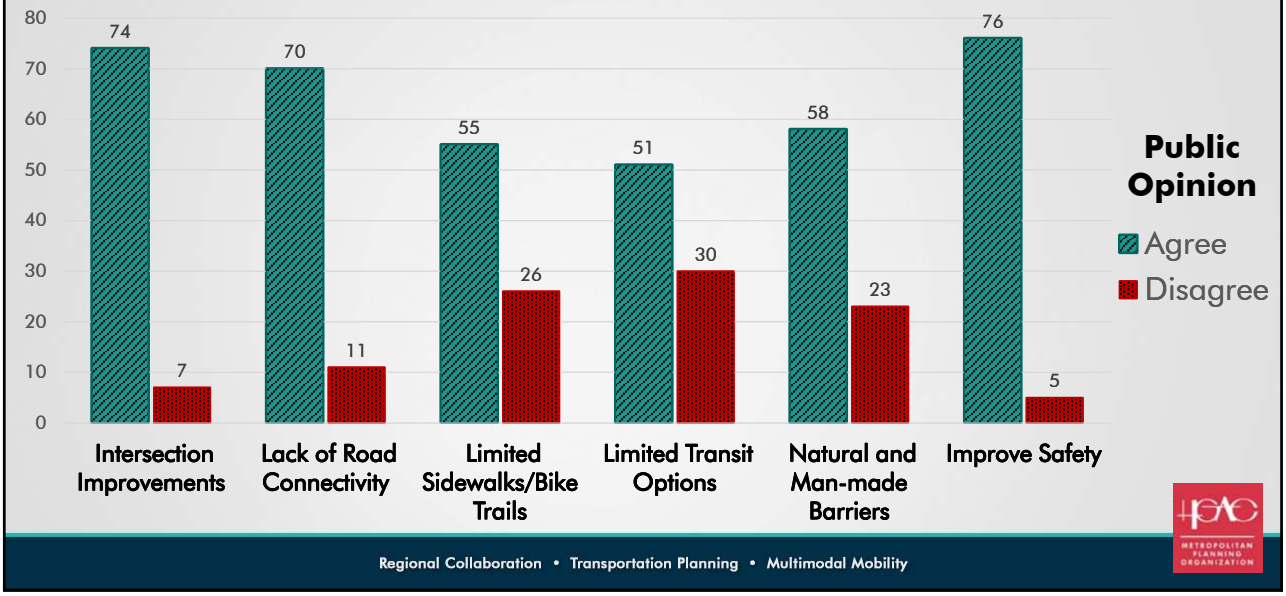
Survey – Steering Committee & Focus Group Issues



21

Survey – Study Team Issues



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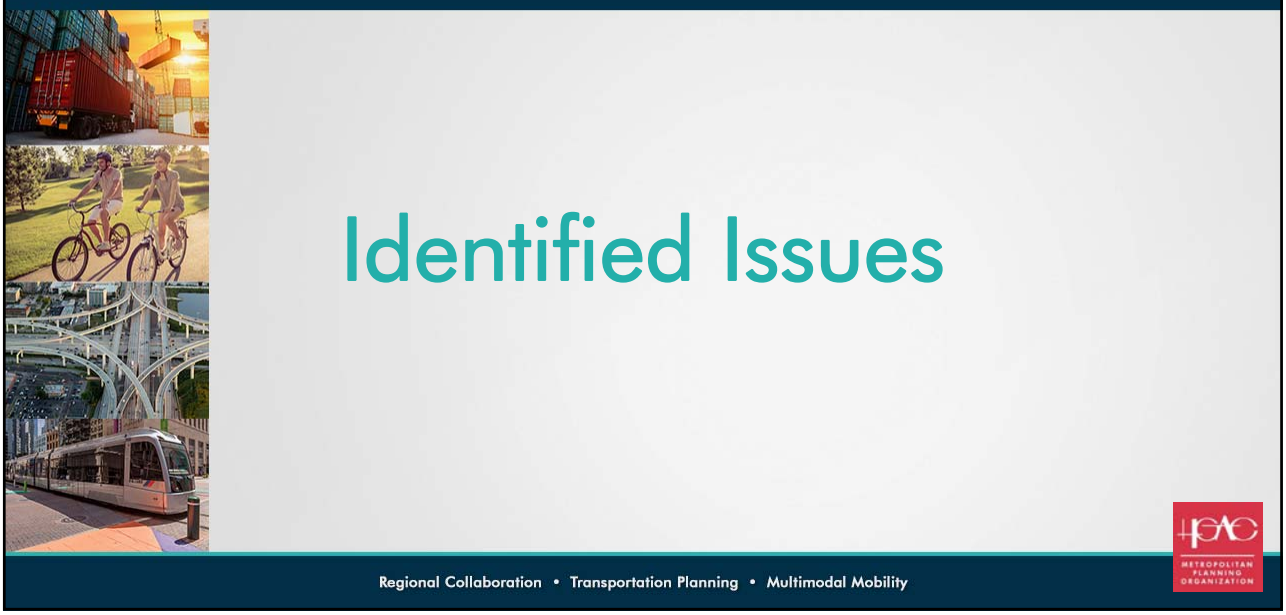

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Identified Issues

Major Issues	Steering Committee	Stakeholder Groups	Public Input
Traffic Congestion	X	X	X
Dangerous Road Curves	X	X	X
North/South Connectivity	X	X	X
East/West Connectivity	X		X
Transit Needs	X	X	
Intersection Congestion	X	X	X
Need Bike Routes	X	X	X
Corridor Signal Timings	X	X	X
Railroad Crossings	X	X	X
Flooding near IH-45/SH242	X		X
Extend Old Conroe Road	X	X	X
FM 2978 Construction	X	X	X
School Traffic	X		X
Safety - Crashes	X	X	X
New Developments	X		X
Hospital Access		X	
Need Turn Lanes			X
Access Management			X
Need Road Widening			X
Need Street Lighting			X
Signing and Pavement Marking			X



24

Identified Issues – Public Input

- Congestion and delay on FM 1488 at FM 2978
- Issue with signal coordination along SH 242/College Park Dr
- Issue with I-45 and FM 1488 interchange traffic operations
- Congestion and safety issue on FM 149 at Spur 149
- Cut-through traffic on Tamina Rd
- Illumination, drainage, and signal coordination issue on Research Forest Dr
- Bike safety along Honea Egypt Rd
- Speeding on FM 1488 east of FM 149

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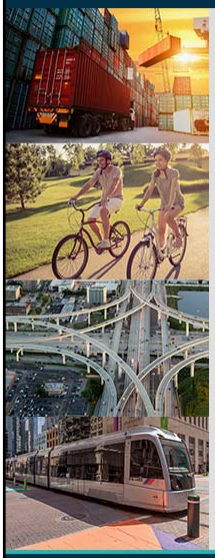

Preliminary Recommendations

Note: The following are initial recommendations. Additional recommendations will be developed and analyzed over the next few months. Some of the following recommendation may change and are NOT final.

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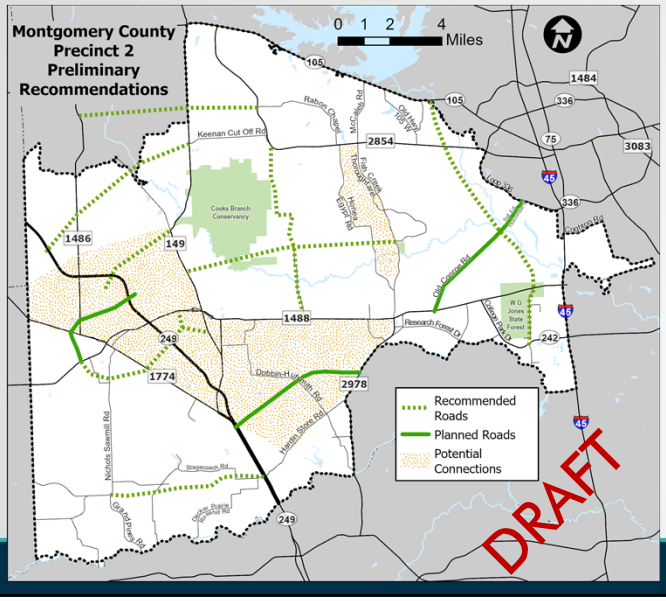
Mobility Projects – Proposed Extensions



- ✓ **Old Conroe Road**
  - Mix of Comments
- ✓ **Woodtrace Blvd**
- **Keenan Cut Off Rd** – SH 249 to FM 149
- **Corrolla** – FM 149 to Sendera Ranch Rd
- **Superior Rd** – FM 1488 to FM 2854
- **Gosling Rd/Peoples Rd** – SH 242 to SH 105
- **Rabon Chapel Rd** – FM 2854 to FM 1486
- **Secondary access for neighborhoods**

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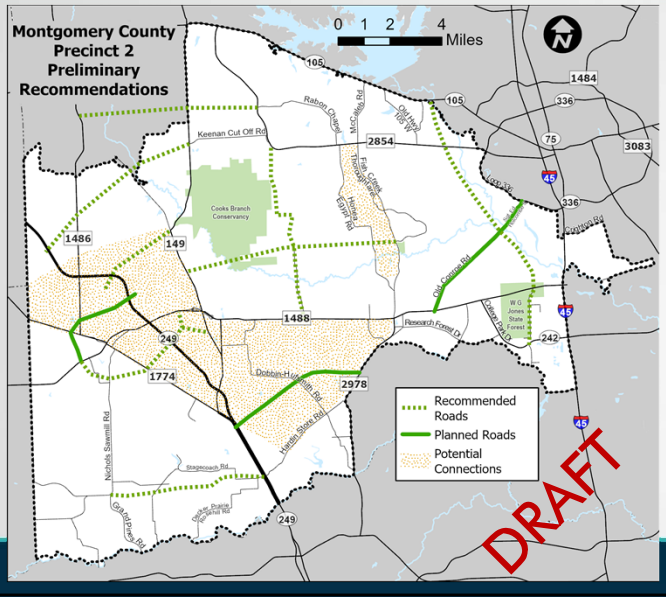
Mobility Projects – Proposed New Routes



- ✓ Magnolia Relief Route Loop
- FM 149 to SH 249
- FM 1774 to FM 2978
- Honea Egypt Rd to Fish Creek Thoroughfare

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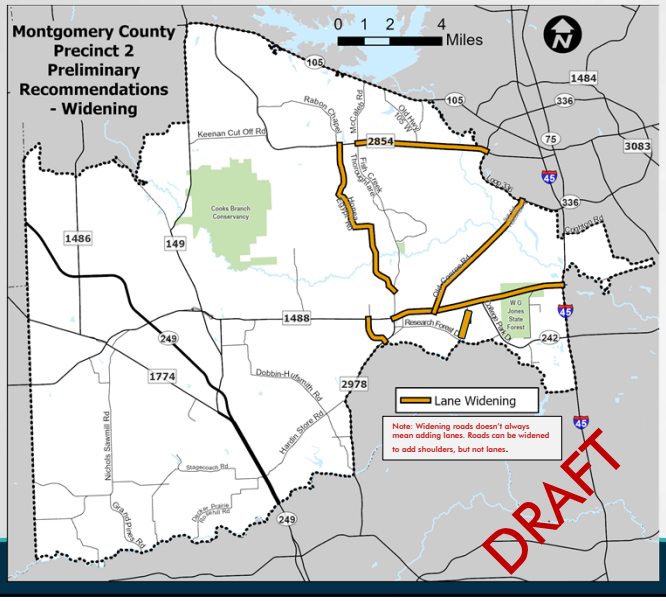
Mobility Projects – Proposed Road Widening



- **FM 1488** – FM 2978 to IH 45
- **FM 2854** – McCaleb Road to Loop 336
- **Honea Egypt** – Sendera Ranch Road to FM 2854
  - Add shoulders
- **Kuykendahl Rd** – Alden Bridge to Kendall Green
- **Tamina Rd** – FM 2978 to FM 1488
- **Old Conroe Rd**

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Mobility Projects – Proposed Other

- **FM 1488 at FM 2978/Honea Egypt Improvements**
  - Add turn lanes and turn lane extensions
  - Access Management
  - Signal Timing
  - Explore innovative intersection design options
- **I-45 at FM 1488 Interchange Improvements**
  - Follow recommendations from FM 1488 Access Management Study
  - Safer pedestrian and bicycle crossings
- **Pedestrian/Bicycle**
  - Create a Pedestrian/Bicycle core network
  - Create bicycle/shared use paths along utility easements
  - Bridge over W. Fork San Jacinto River along I-45
    - Connect area north river to existing trails in W. G. Jones State Forest

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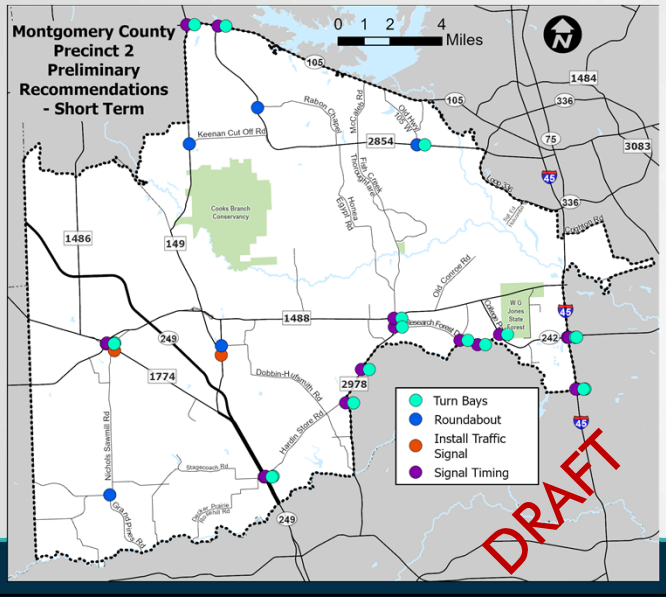
Proposed Short Term Projects



- Modify Signal Timing
  - Update phasing and timing
  - Coordinate intersections
- Add left/right turn lanes at intersections
- Signalize stop-controlled intersections
- Convert intersection to roundabout

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Discussion

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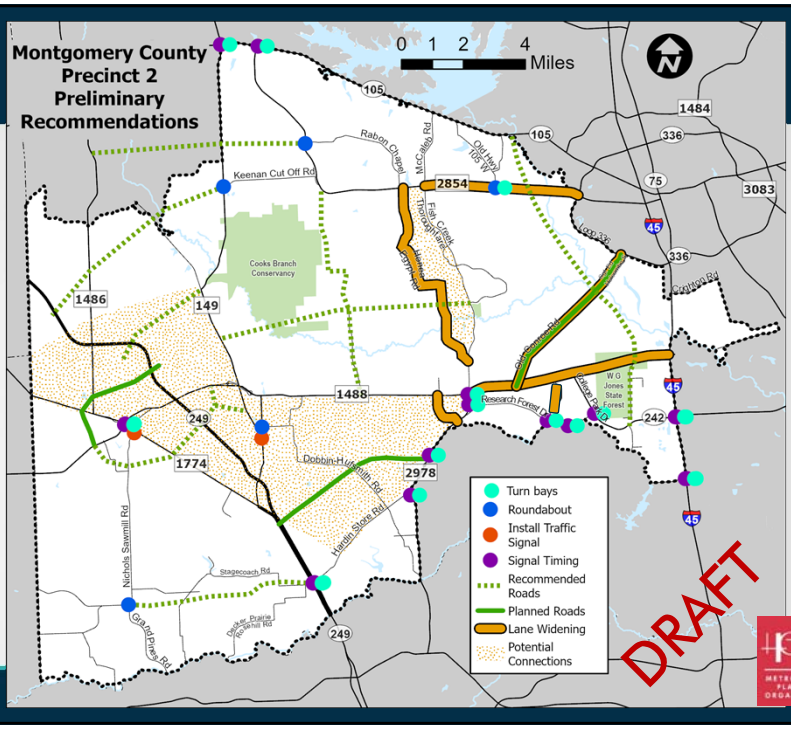
Discussion

1. **Survey Results**
2. **Preliminary Recommendations**
   a. Road Extensions
   b. New Routes
   c. Road Widening
   d. Signal Improvement
   e. Intersection Improvement
   f. Other



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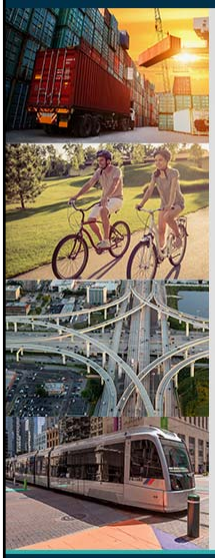

Next Steps

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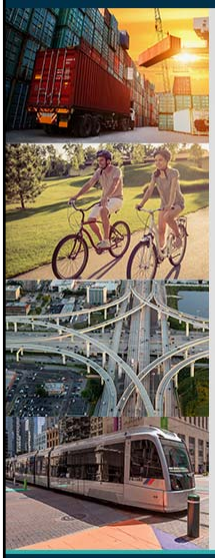
Next Steps



- Develop and analyze recommendations
- Working Group Meetings – August
- Steering Committee Meeting – August
- Stakeholder Group Meeting – September
- Steering Committee Meeting – October
- Public meeting – November
- Final report - Spring 2022

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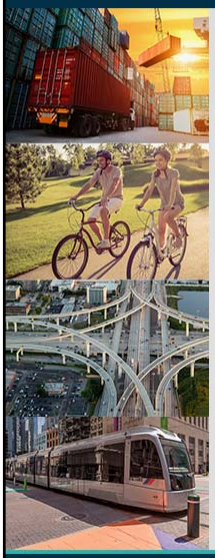
THANK YOU!



- **Carlene Mullins – Project Manager**
  Carlene.Mullins@h-gac.com
- **Justin Kuzila – Project Planner**
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

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MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

WORKING GROUP MEETING – RESEARCH FOREST DR AT GROGAN'S MILL RD

MEETING SUMMARY

AUGUST 10, 2021 6:00-7:30 PM

Attendees:

Allie Isbell
Bruce Berger
Carlene Mullins
Catie Reid
David Keffer
Jean Teague
Justin Kuzila
Larry Toepper
Lauren Hollis
Lokesh Vijayagopal
Marianne Saccente
Mike Burns
Richard Somerville
Shirley Li

Notes:

1. Introductions & Project Overview
2. Overview of crash history and types of crashes
3. Safety Issues:
    - Northwest corner had the most crashes in 2020.
        - Comment: westbound cars run that light. Drivers may not see traffic signals as they are higher in the air that other locations.
            - Comment that lights in southeast corner are lower
            - *Note: apparent height differences may be perceived because of distance from stop bar to signal heads and/or roadway grade changes*
        - Visibility issues at that location for southbound right turn
    - People running red lights
        - Lack of enforcement
        - Buses running lights/speeding
    - Northbound dual left turn – people going straight from leftmost lane
    - Vision Park development
        - Lack of driver familiarity from people going to/from businesses/doctors along Vision Park
    - People are making left turns into wrong way
    - Lack of visibility because of vegetation
        - Trim back some foliage
        - Visually overwhelming when going through intersection
    - East/west mobility
        - Safety more important
        - Visibility issues
    - Lighting is not good at night
    - Drainage issues
    - Drivers not staying in lane

WORKING GROUP MEETING – RESEARCH FOREST DR AT GROGAN'S MILL RD
MEETING SUMMARY
AUGUST 10, 2021 6:00-7:30 PM

- Observed two 18-wheelers attempting to make right turn at the same time

4. Mobility/Development:
   - Green time for northbound approach (SW corner) is very short
   - Original designers did not envision level of commercial development that has occurred in area
     - Pressure for overpass from developers/traffic generators
     - North/south traffic has increased, especially since Vision Park was opened about 4 years ago
   - Carlene asked if intersection was originally intended for future overpass
     - Richard said it was never intended to have overpass for Research Forest
   - Traffic engineers have improved timing
     - Intersections closer to I-45 are causing backups
   - Jean – traffic along Research Forest is funneling down to intersection
     - David's Memorial will relieve some traffic when opened
     - Would help to have more or improved east/west connections
     - Lake Front Circle
   - Richard – area around intersection is similar to Texas Medical Center with static daytime population & many traffic generators
     - There are employment and medical related businesses close to intersection
     - Hughes Landing
   - Question on if Traffic Impact Analysis done for new developments, including with Six Pines apartments
     - Bruce – laws do not allow impact fees to be used for road improvements
   - Bruce - Precinct 3 wants above grade solution
     - Was told that Precinct 2 starts at the middle of the road on the north side of Research Forest Dr
     - Riley will not approve an above grade solution
   - Businesses located at intersection (Hyatt Place in southeast corner and bank in northeast corner) do not want overpass
   - Property in southwest corner acquired by Howard Hughes Corporation, which is in favor of overpass

WORKING GROUP MEETING – RESEARCH FOREST DR AT GROGAN'S MILL RD
MEETING SUMMARY
AUGUST 10, 2021 6:00-7:30 PM

- Northbound right turn backs up/is blocked because not enough storage
- Northbound left movement gets stopped at light in northeast corner

5. Short Term Improvements:
   - Dedicated left turn lanes for all corners was suggested to help mobility
   - Northeast corner – add striping or signing to indicate goes down to one through lane for unfamiliar drivers
     - Only location at intersection that has dual left
     - Add painted stripe or raised pavement markers
   - Commenter suggested using flashing yellow indications
   - Trimming trees for visibility
     - Especially for northwest corner
   - Improved lighting
   - Add channelized right turns for eastbound and northbound
   - Add more storage to turn bays, especially for northbound
   - Improve striping
   - Increase patrolling/enforcement
   - Increase visibility of red lights
     - *Note: Could add red LED border, similar to signals in Downtown Houston along light rail lines*
   - Add louvered signal heads for inside movements (signal heads will not be visible until passed first signal)
   - Red light cameras
     - May be unpopular
   - Add advanced sign with flashers warning of light change
   - Add missing Do Not Enter Signs
     - *Note: Required by TMUTCD*
   - Remove/lower berm in northeast corner to improve visibility of pedestrians
   - Adjust signal timing so cars do not stop after entering past first signal
6. Long Term Improvements:
   - Someone asked how much worse traffic expected to get
     - Much of development in area is complete
   - Option to convert intersection from 4 nodes to 2 by bringing Grogan's Mill together
     - Similar to Grogan's Mill at Lake Woodlands intersection

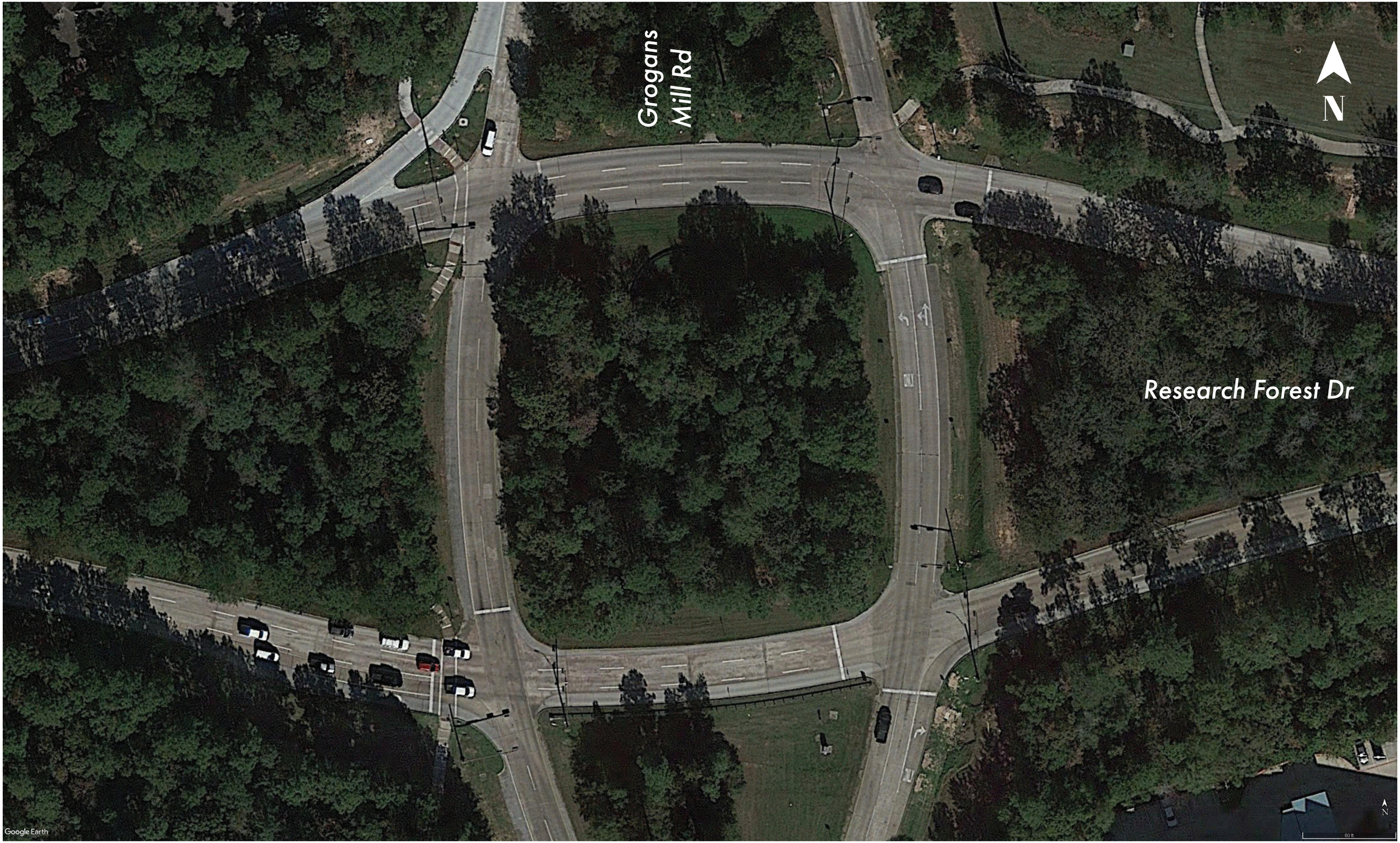
WORKING GROUP MEETING – RESEARCH FOREST DR AT GROGAN'S MILL RD

MEETING SUMMARY

AUGUST 10, 2021 6:00-7:30 PM

- Bruce Berger: looking into at-grade plan that improves intersection ($~4 mil)
  - Commissioner Novak wants overpass
  - Commissioner working with Shenandoah – they do not want overpass
  - BGE study shows $15 mil overpass
  - Residential grown mostly maxed out in area, with some limited commercial growth opportunities available; does not expect explosive growth to continue
- Marianne mentioned I-45 at Research Forest overpass is being discussed
- May to run into resistance to changing the center part of intersection
  - Bruce has not encountered any concerns on changing at previous discussion

Research Forest Dr at Grogans Mill Rd



MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STEERING COMMITTEE MEETING 5B – MEETING SUMMARY

SEPTEMBER 29, 2021 3:00-4:15 PM

Attendees:

Adam Galland	JJ Hollie	Robert Castaneda
Brent Everson	Joe Dives	Rick Wong
Carlene Mullins	Justin Kuzila	Steve Leakey
Catie Reid	Kyle Montgomery	Tommy Woolley
Jeffery English	Lokesh Vijayagopal	

Notes:

1. Welcome (Carlene Mullins, 5 min.)
    - Introduce Study Team and Steering Committee
    - Project Schedule
        - Study shifted forward due to modeling efforts
        - Next Steering Committee meeting late October or November
2. Working Group Summary (Carlene Mullins, 5 min.)
    - Meeting held in August on intersection of Research Forest Dr at Grogan's Mill
    - Majority of crashes between 2016-2020 occurred in NW corner
        - Many related to driver error
        - Some may have been related to pavement marking visibility
    - Intersection Issues:
        - Cars running red lights, high speeds and wrong way drivers
        - Overgrown vegetation, poor lighting and drainage
        - Driver inattention
        - Missing signage and pavement markings
        - Drivers going straight from left turn only lane
        - Lack of enforcement
    - Discussed Solutions:
        - Improve signage, pavement markings, street lighting
        - Cut overgrown vegetation, remove berm blocking peds/cyclists
        - Install louvered signal heads and synchronize signals
        - Add or extend turn bays
            - Added NB left turn lane to prevent driver error (straight from existing left only lane)
        - Candlesticks/delineators at NE corner
        - Extend hike and bike path to connect existing trails on west and east sides
3. Draft Recommendations (Carlene Mullins, 55 min.)
    - Multimodal plan that includes automobile, truck, pedestrian, and bicycle traffic

- Maintenance Projects
  - Restripe or add pavement markings
  - Add curve and wildlife warning signs or rumble strips
  - Resurface roadways
- Short Term Projects
  - Extend Old Conroe Rd
  - Widen roads
    - Honea Egypt Rd (add shoulders)
    - Old Conroe Rd
    - Kuykendahl Rd
  - Corridor signal timings on major thoroughfares
  - Install raised medians on FM 1488 and SH 105
  - Add street lighting on major roadways
  - Change traffic control (signal, all-way stop, roundabout)
  - Rick Wong: County planning to widen Hardin Store to 4-lanes
  - Rick Wong: Some roundabouts may not be feasible in short term because require ROW acquisition – roundabouts aren't small
    - County roads don't have a lot of ROW in some of proposed locations
  - Rick Wong: Traffic control change will need warrant study
    - Catie Reid: Agree – suggested traffic control change locations will need warrant analysis study before changes can be made. Synchro analysis has been done for most suggested locations, but in depth study should be completed for each location.
- Mid Term Projects
  - Widen roads
    - Include raised medians along Nichols Sawmill Rd during widening to provide refuge for multiple schools along corridor
  - Build new roads
    - Magnolia Relief Route
    - Woodtrace Blvd Extension
    - Majority of new roads on the west side of Precinct 2
  - Add direct connectors – IH 45 at SH 242
  - Joe Dives: Nichols Sawmill widening – is it specified to be 4 lanes with center turn lane? Current widening by Precinct 2 is only adding center turn lane with one through lane each way.
    - Carlene Mullins/Catie Reid: Yes, suggested widening to 4 lanes
    - Joe: agrees that additional capacity would be good
    - Carlene: It would be better to have raised median on corridor for safety
  - Rick Wong: Precinct 2 has a planned connection between Honea Egypt and Fish Creek Thoroughfare (starting at Fish Creek & Woodforest Pkwy S)
    - Starting schematic design

- Mid-term project
- Carlene Mullins: have connection shown in long term; will move segment to mid term

- Rick Wong: Will there be some detail on what kind of redesign we need?
  - Carlene Mullins: Yes, this is just general overview

- Transit
  - Park and Ride locations
    - Montgomery near SH 105 and FM 149
    - Magnolia near SH 249 and FM 1488
    - Along SH 249 close to Tomball
  - Reserve land for Park and Ride so can be utilized when demand is present
  - Express Circulator Route to connect Conroe-Montgomery-Magnolia-The Woodlands
    - Would include hospitals/medical facilities near SH 242
    - Connect major activity centers
    - Two-way routes
- Long Term Projects
  - Improve overall connectivity and traffic flow across the county
    - Provide more ways to get somewhere
  - Will be adding Montgomery South Loop that connects SH 105 to FM 2854 to map – just learned about project
  - Grade separations (e.g., overpass) at railroad crossings
  - Cooks Branch Conservancy is largest obstacle in northwest part of Precinct 2
  - Road realignments to eliminate dangerous curves
  - Steve Leakey: Asked if feedback from residents of Woodforest area about extension; always concern about cut through traffic in neighborhoods
    - Carlene Mullins: not yet presented to public for comment; alternate exit provides better access for residents and relieves safety issue
  - Steve Leakey: Intersection of FM 1488 & FM 1774 with railroad tracks – is overpass being considered?
    - Carlene Mullins: yes
  - Steve Leakey: Spur 149 & FM 1488 – shopping center/HEB development - entrance & exits onto FM 1488 - Considering changes to intersection?

- Carlene Mullins: mid-term intersection improvements and widening Spur 149
  - Long-term widening FM 1488 and proposed extension of Spur 149 north of FM 1488
- Kyle Montgomery advised by planning that will have additional 3 signals to help traffic in and out of commercial developments
  - Safer for people entering and exiting
  - 2 on FM 1488 and 1 on Spur 149
- Adam Galland: 1 signal at gated neighborhood, and one to east
  - Both FM 1488 signals will be to east of Spur 149
    - FM 1488 at Heritage Ln
    - FM 1488 at Community
  - Typically add signal with big retail development
  - Traffic impact analysis was done for development
  - At least 1000' spacing between signals on FM 1488
  - New signal on Spur 149 may have less than 1000' spacing
  - Developer donating land to widen spur near intersection
    - 4 lanes on Spur 149 for small section of road
    - Some added tune lanes for 1488 intersection
  - Developer wants signal west of the Spur - TxDOT will consider only if there is issue after development built
  - TxDOT required driveway at new signal to be aligned with Heritage Ln
  - Driveway at Community already aligned
- Rick Wong: coordinating signals?
  - Adam Galland: assume signals will be connected – controlled by district office

- Rick Wong: Commissioner Riley talked about taking over signals in Precinct 2 from TxDOT on TxDOT facilities
  - May not be feasible with current size of department
  - Could increase response times
- JJ Hollie: Upcoming election around incorporating The Woodlands – key topic is control of roads. Concerned Gosling extension might be used to influence election.
  - Carlene Mullins: plans will be release for public comment in January
  - JJ agrees that having alternative to IH 45 (Gosling Rd extension) is a good idea
- Adam Galland: Asked if have looked at legislation related to protection of Jones State Forest
  - No development allowed
  - Should not prohibit FM 1488 expansion
  - Road might have to be controlled access
  - Related to TAMU adding development on site

- Carlene Mullins: if not possible to go through Jones State Forest, could go to east of Forest, but would reduce connectivity
- https://capitol.texas.gov/tlodocs/86R/billtext/html/SB00345F.htm

- Carlene Mullins: Land on east side of proposed Gosling Rd in flood plain – could develop parks and sports fields (e.g., soccer, baseball softball fields) adjacent to road to provide flood mitigation area
  - Would provide practical use for lane when not flooded
  - Serves as water retention area during flood event
  - Example along Cypresswood Dr
  - Joe Dives: Meyers Park is the name of park example – has hiking trails and dog parks
    - Very popular/high usage
- Carlene Mullins: Grade separation at IH 45 to connect Vision Park Blvd and Shenandoah Park Dr
  - Would relieve traffic from IH-45 at Research Forest and Grogan's Mill at Research Forest
- JJ Hollie: Asked about number of lanes for Research Forest widening
  - Carlene Mullins: 6 lanes
- Steve Leakey: Need 4 lanes on Kuykendahl from Research Forest to FM 1488
  - Carlene Mullins: Have in short term recommendations
- Joe Dives: Decker Prairie is very windy and prone to serious flooding – changing alignment to be straight is good recommendation

- Combined Roadway Recommendations:
  - Joe Dives: What is time range for short term, etc.?
    - Carlene Mullins:
      - Short Term: 0 – 5 years
      - Mid Term: 6 – 10 years
      - Long Term: 10+ years
  - Rick Wong: Is time range for recommendations based on modeling?
    - Carlene Mullins: modeling is testing right now to assess how proposed network accommodates future population growth
  - General time period for recommendations – could occur earlier or later as needed
  - Limitations include existing development, floodplains, Cooks Branch Conservancy, and WG Jones State Forest
- Active Transportation
  - Add bicycle signing for existing shoulder and shared road routes
    - Honea Egypt would be safer with added shoulder – narrow road
  - Install separated Shared Use Paths

        - Use utility and RR easements, waterways, or place near roadways
        - Close missing links between existing trails
        - Improve safety for cyclists
    - Rick Wong: Jutting curbs put in for pedestrian safety
        - Can modify to better accommodate bicycle
    - JJ Hollie: talked to Commissioner Noack's office about jutting curbs safety issue
        - Keep jutting curbs, but provide more separation between road lane and curb - at least 2 ft
        - Currently cyclists forced out into road traffic
        - Change to "modify", rather than "remove" to preserve pedestrian safety and improve safety for cyclists
    - Carlene Mullins: Will take time to acquire ROW & work with utility companies to build active transportation network
4. Next Steps (Carlene Mullins, 5 min.)
    - Steering Committee Meeting – October/November 2021
    - Stakeholder Group Meeting – December 2021
    - Steering Committee Meeting – January 2021
    - Public Meeting – January/February 2022
    - Final Report – Spring 2022
5. For more detailed information and to view exhibits, see presentation slides.




Montgomery County Pct. 2 Mobility Study
Steering Committee Meeting 5




Carlene Mullins, H - GAC
September 15, 2021

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H-GAC METROPOLITAN PLANNING ORGANIZATION

Agenda



1. Welcome
2. Study Overview
3. Working Group Summary
4. Draft Recommendations
   - Roads and Intersections
   - Active Transportation- Hike/Bike
   - Transit
5. Discussion
6. Next Steps



1. Welcome

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Welcome

H-GAC

- Carlene Mullins – Project Manager
- Allie Isbell – Deputy Project Manager
- Justin Kuzila – Project Planner

Gunda Corporation

- Lokesh Vijayagopal – Project Manager
- Catie Reid – Task Lead

Steering Committee



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2. Study Overview

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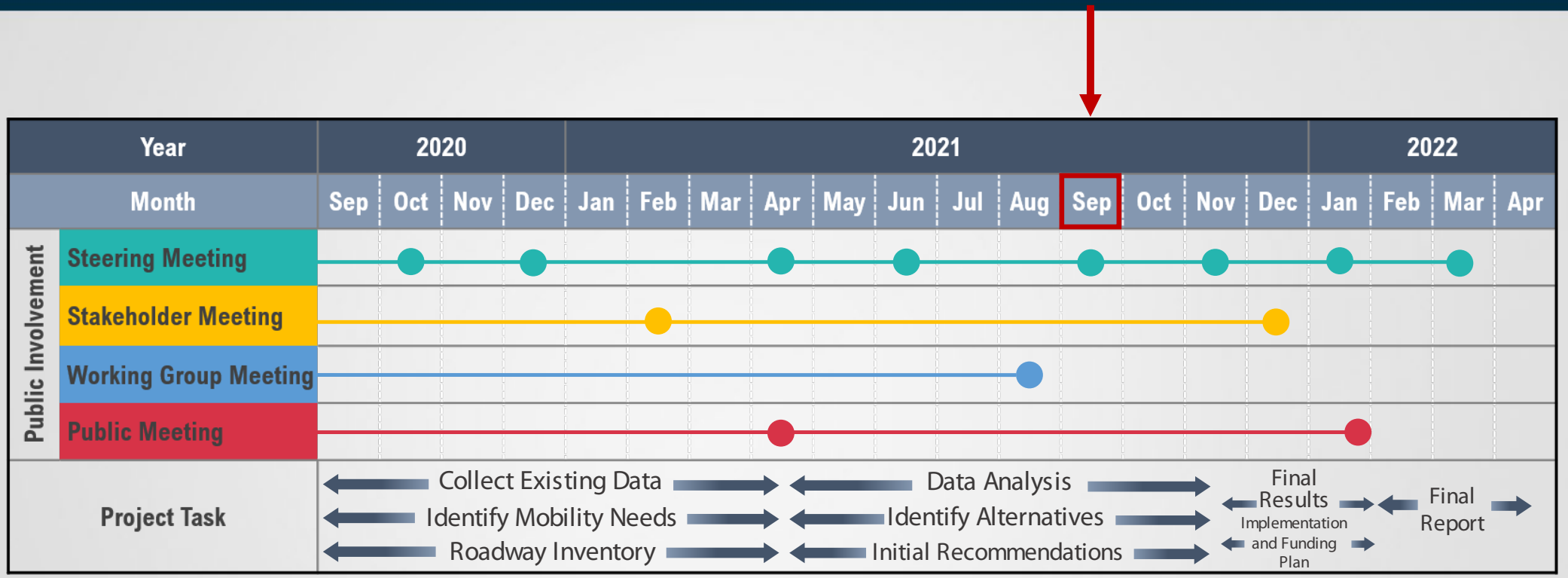
Project Schedule

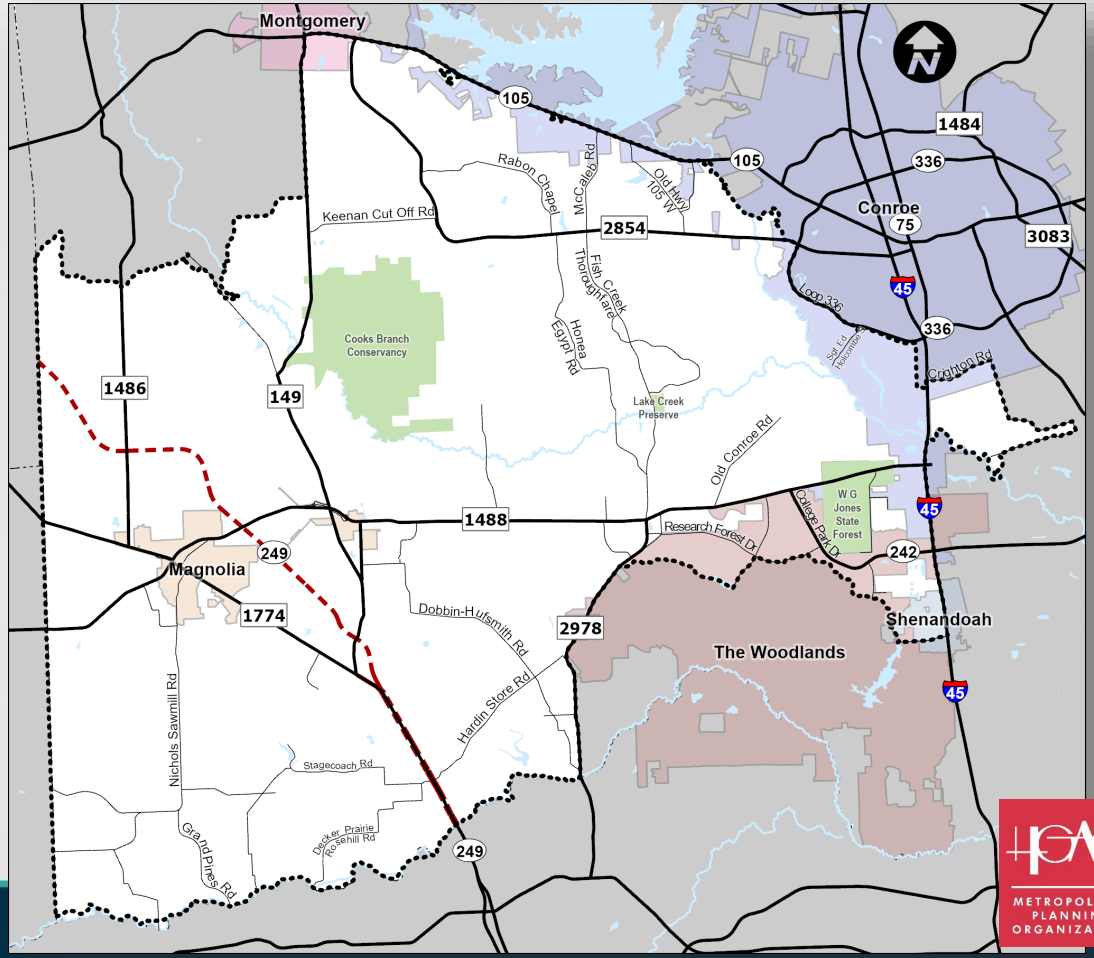


Vision

Develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.

Purpose

- Identify mobility needs
- Develop consensus on recommendations
- Develop a list of projects
- Recommend updates to Thoroughfare Plans



Identified Issues

Major Issues	Steering Committee	Stakeholder Groups	Public Input
Traffic Congestion	X	X	X
Dangerous Road Curves	X	X	X
North/South Connectivity	X	X	X
East/West Connectivity	X		X
Transit Needs	X	X	
Intersection Congestion	X	X	X
Need Bike Routes	X	X	X
Corridor Signal Timings	X	X	X
Railroad Crossings	X	X	X
Flooding near IH-45/SH242	X		X
Extend Old Conroe Road	X	X	X
FM 2978 Construction	X	X	X
School Traffic	X		X
Safety- Crashes	X	X	X
New Developments	X		X
Hospital Access		X	
Need Turn Lanes			X
Access Management			X
Road Widening			X
Street Lighting			X
Sign and Pavement Marking			X





3. Working Group Summary

(Research Forest and Grogans Mill Intersection)

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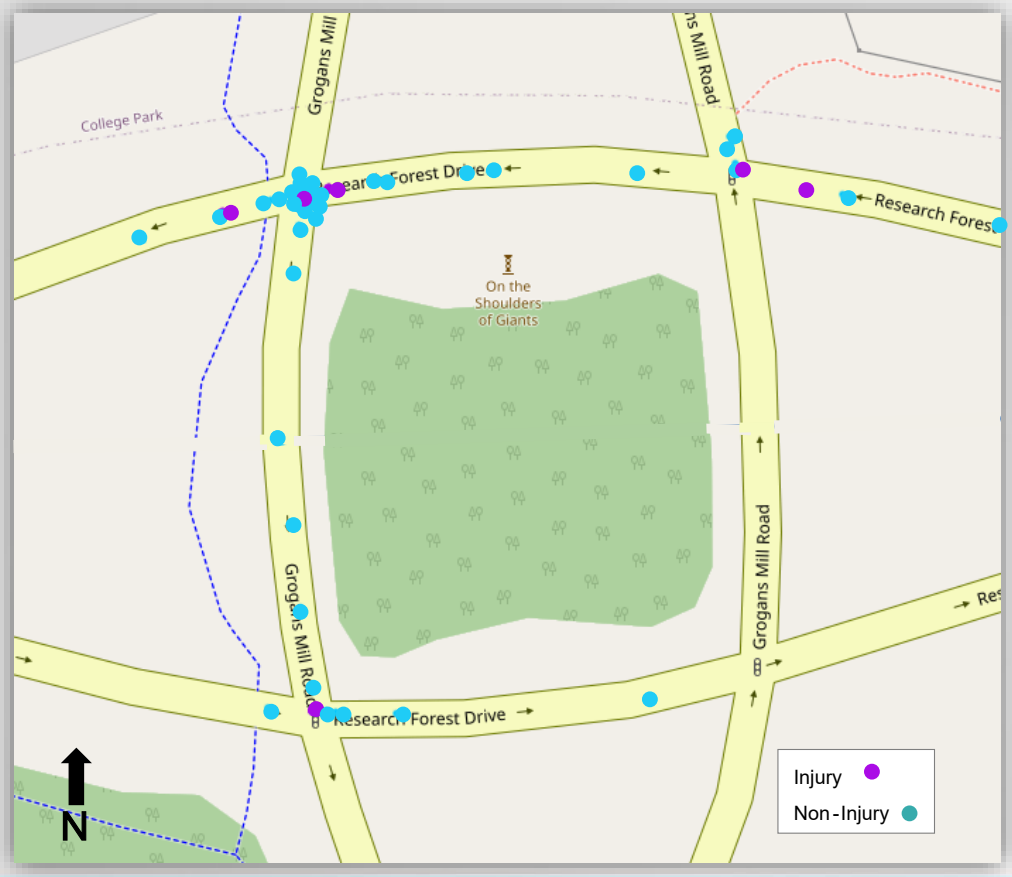
METROPOLITAN PLANNING ORGANIZATION

Grogans Mill and Research Forest: Crashes



NW Corner Contributing Crash Factors (2016-2020)
Failed to drive in single lane
Disregard Turn marks
Disregard stop and go signal
Distraction in vehicle
Unknown
Driver inattention
Failed to control speed
Failed to stop at proper place
Turned Improperly
Failed to Yield ROW on red
Change lanes when unsafe
Failed to drive in single lane
Under Influence
TOTAL 143

Issues

- Cars running red lights
- Overgrown vegetation
- High vehicular speeds
- Driver inattention
- Missing signage/pavement markings
- Wrong way drivers
- Lighting
- Drainage
- Drivers going straight in left turn only lane
- Lack of enforcement

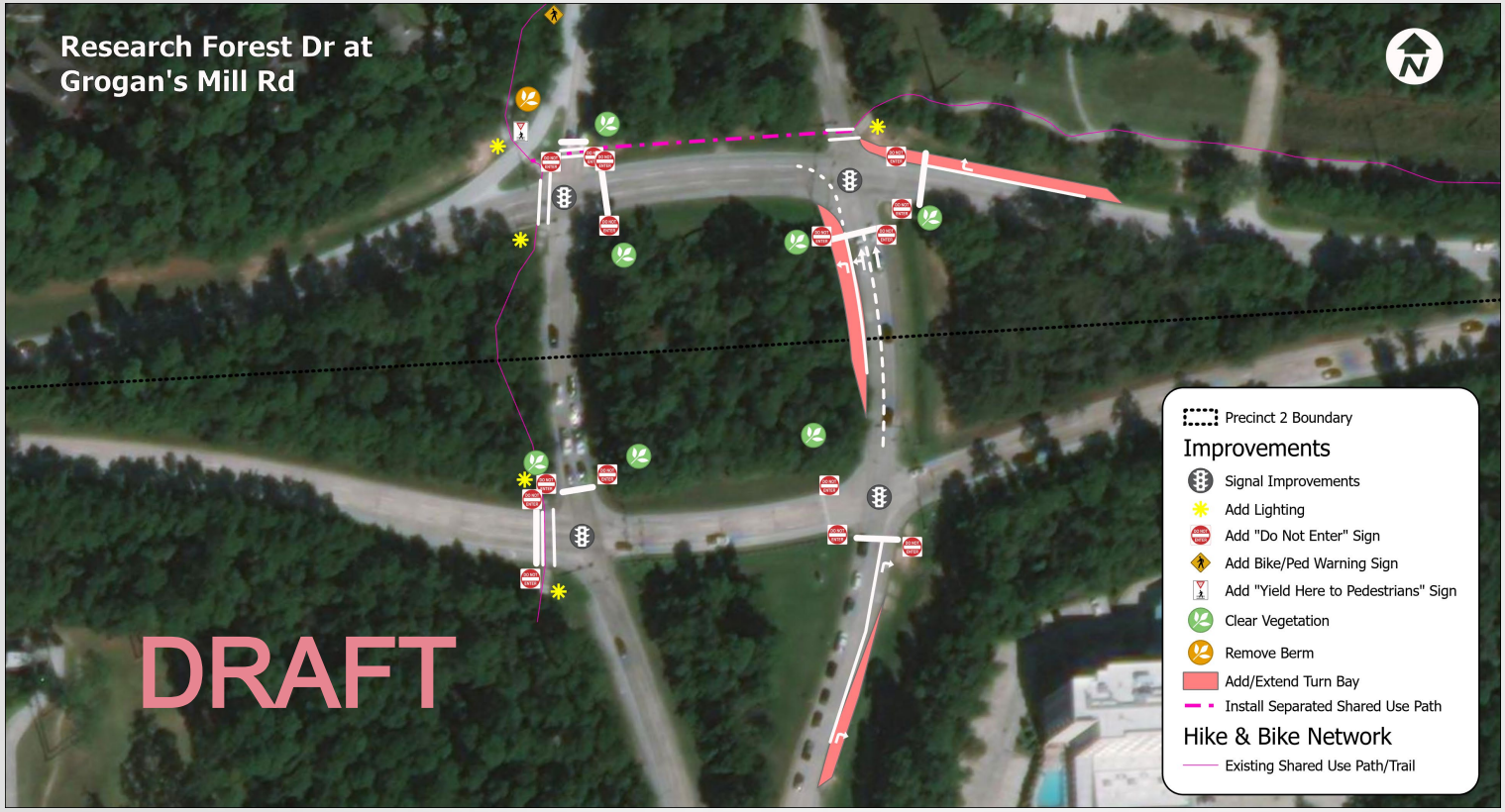


Solutions

- Improve signage
- Improve pavement markers
- Cut overgrown vegetation
- Improve street lighting
- Install louvered signal heads
- Remove berm blocking view of pedestrians/cyclist
- Red light cameras
- Synchronize signals
- Add right/left turn lane bays
- Add more storage in existing turn bays
- Candlesticks at NE corner



Research Forest at Grogans Mill



- Add/extend turn bays
- Install missing signage
- Improve pavement markings
- Clear vegetation
- Add shared use path
- Add additional street lighting
- Improve signals
- Remove berm

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4. Draft Recommendations

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Keep in Mind…



- There are no bad ideas
- Keep an open mind
- Work as a *team*
- This is a multi-modal mobility plan

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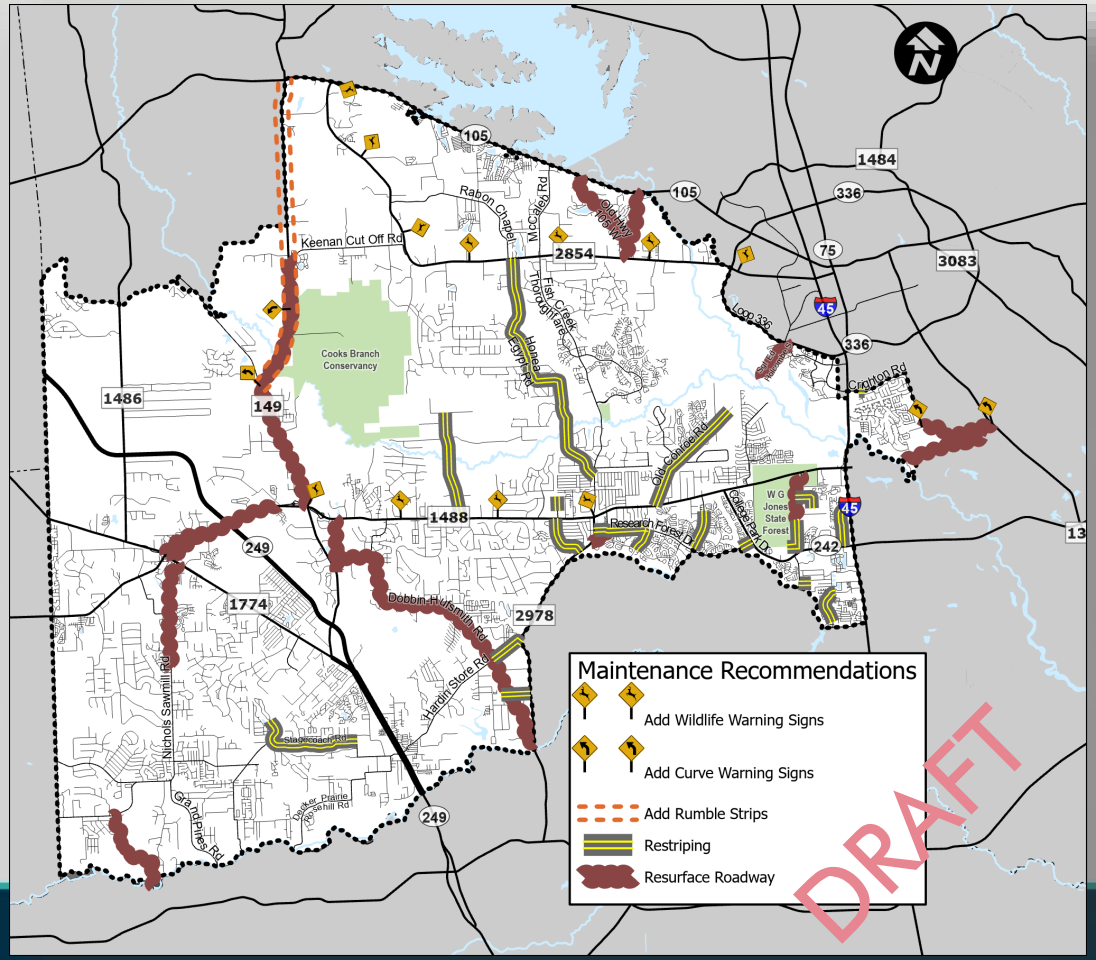
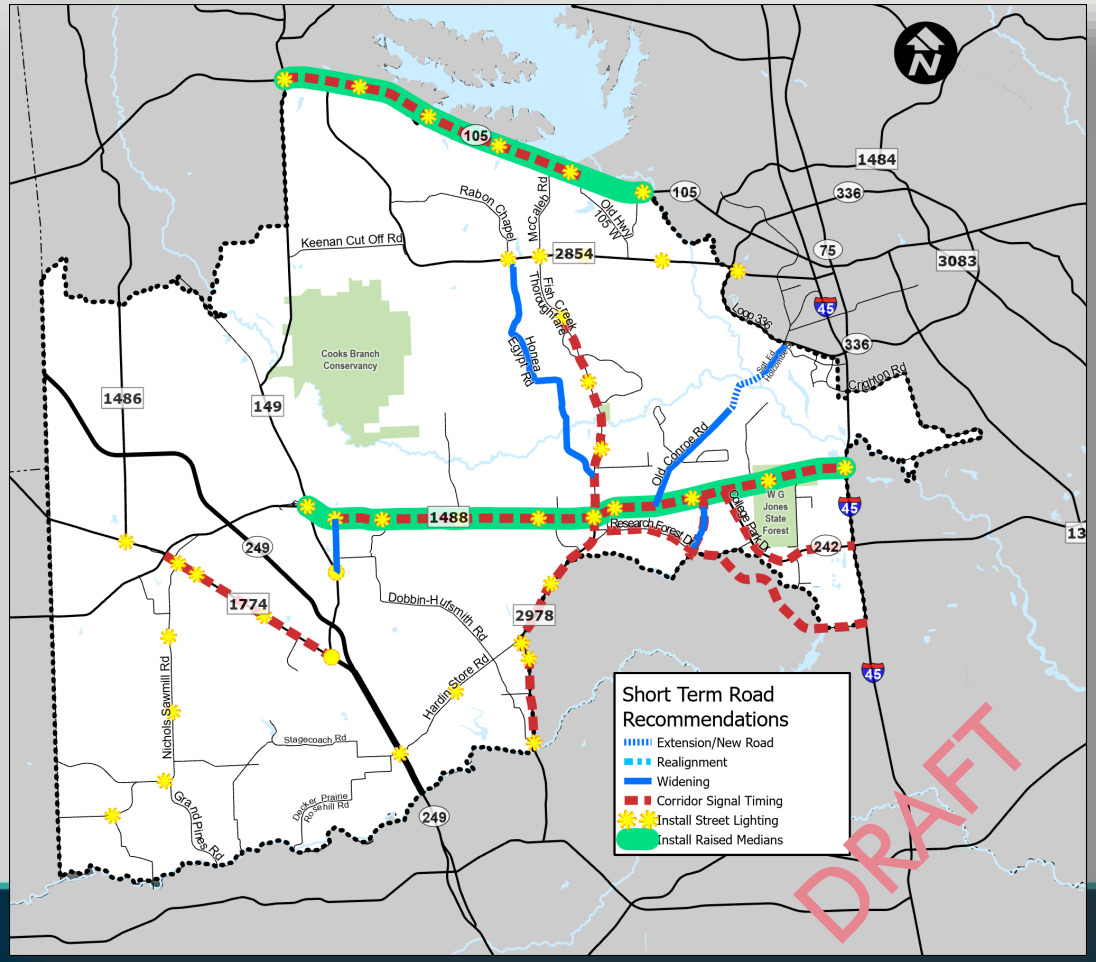
Maintenance Projects



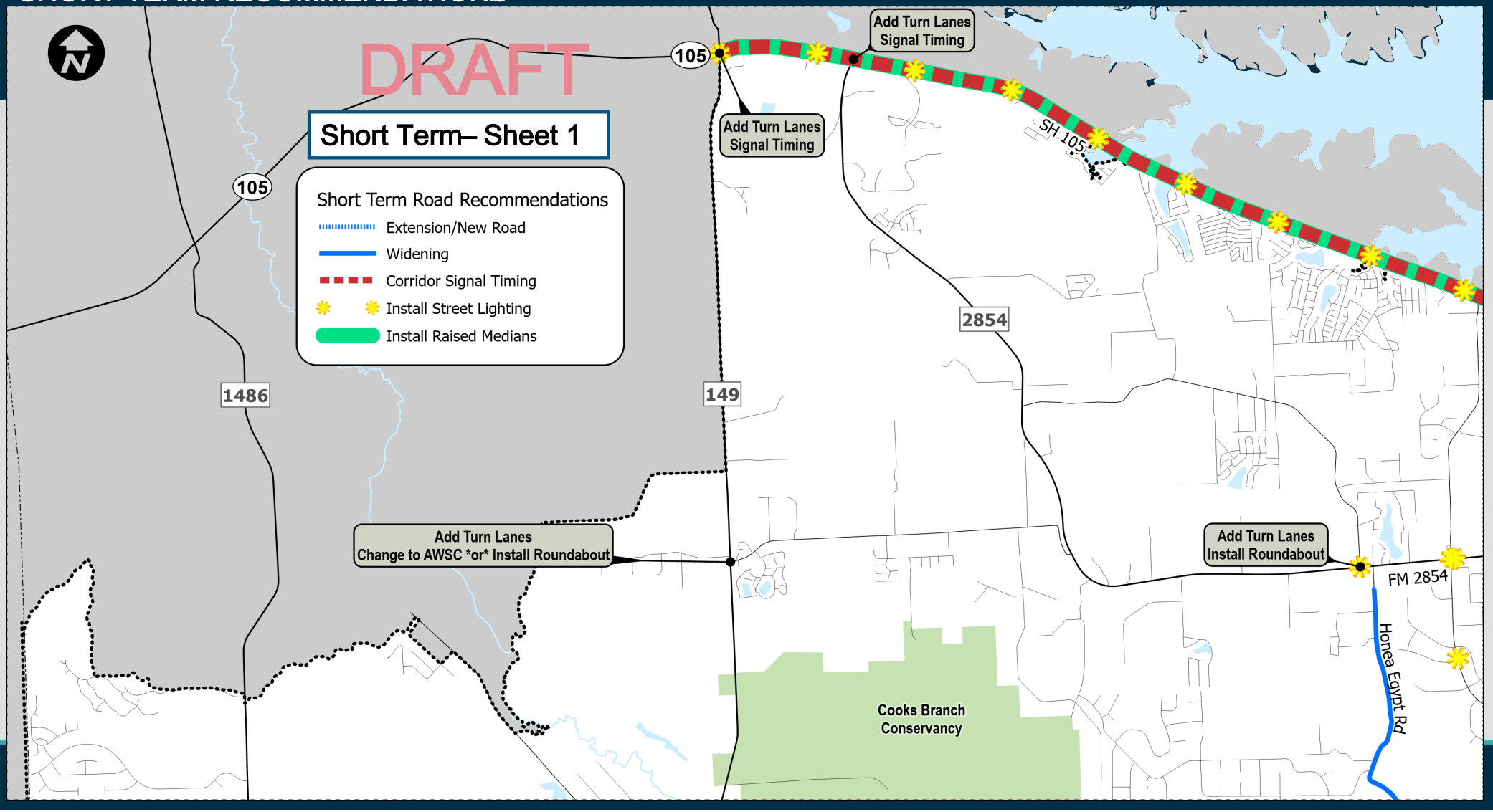
- Restripe or Add Pavement Markings
- Add Warnin g Signs or Rumble Strips
- Resurface Roadway

Short -Term Projects: Roads

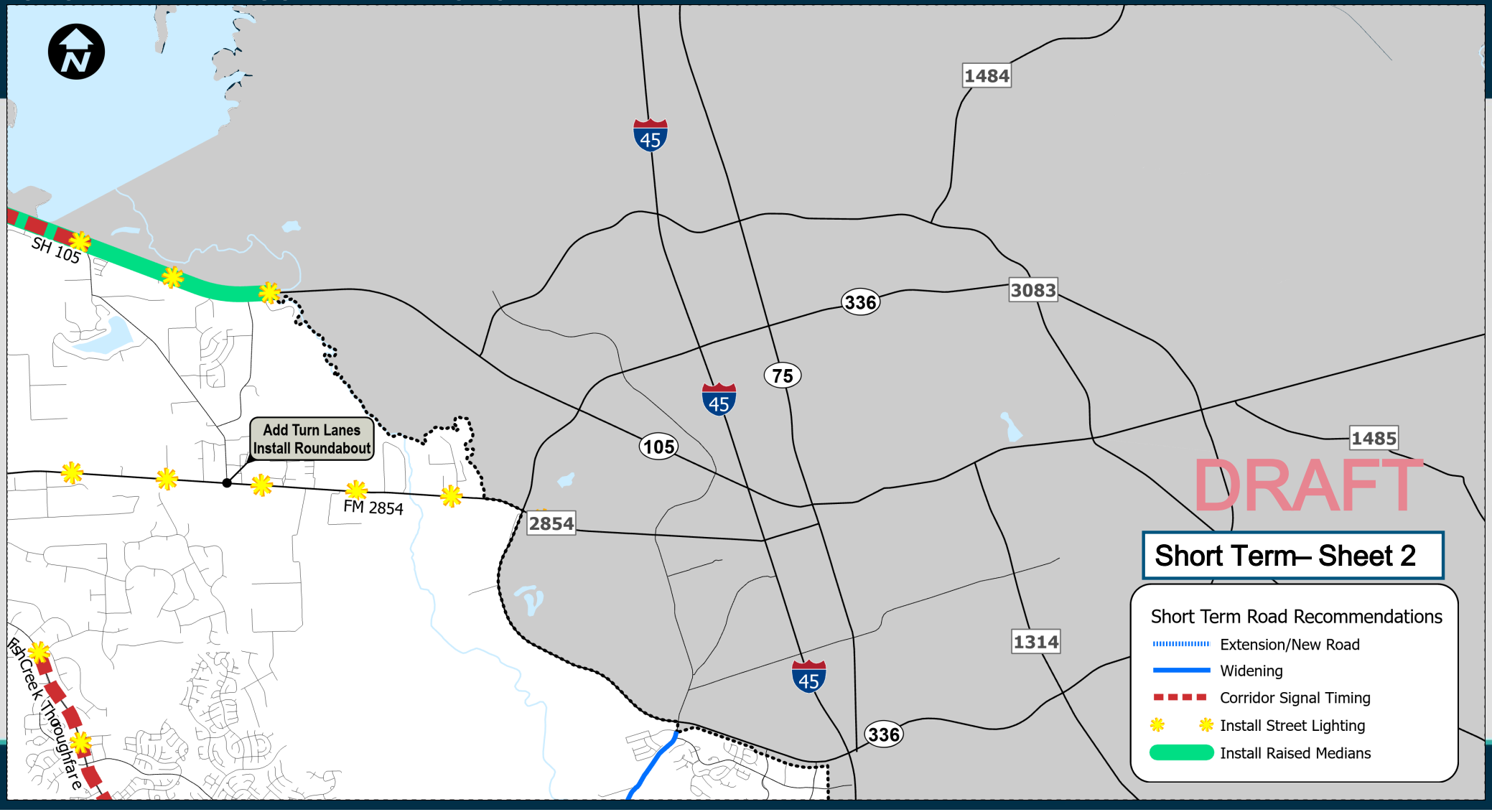


- Extend Old Conroe Rd
- Widen Roadway
  - Honea Egypt Rd (Add Shoulders)
  - Spur 149
  - Old Conroe Rd
  - Kuykendahl Rd
- Corridor Signal Timing
- Install Raised Medians
- Add Street Lighting

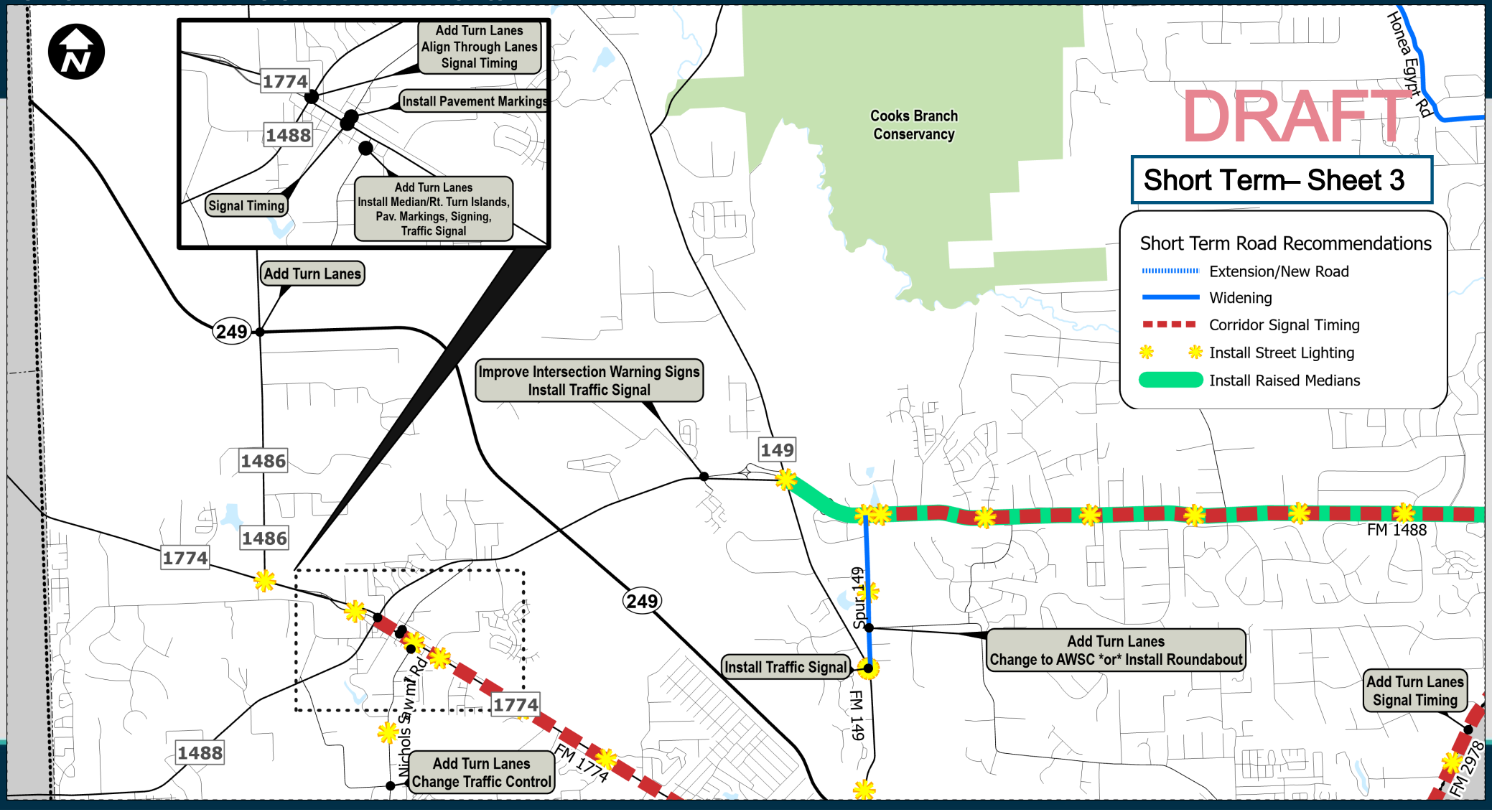
SHORT TERM RECOMMENDATIONS



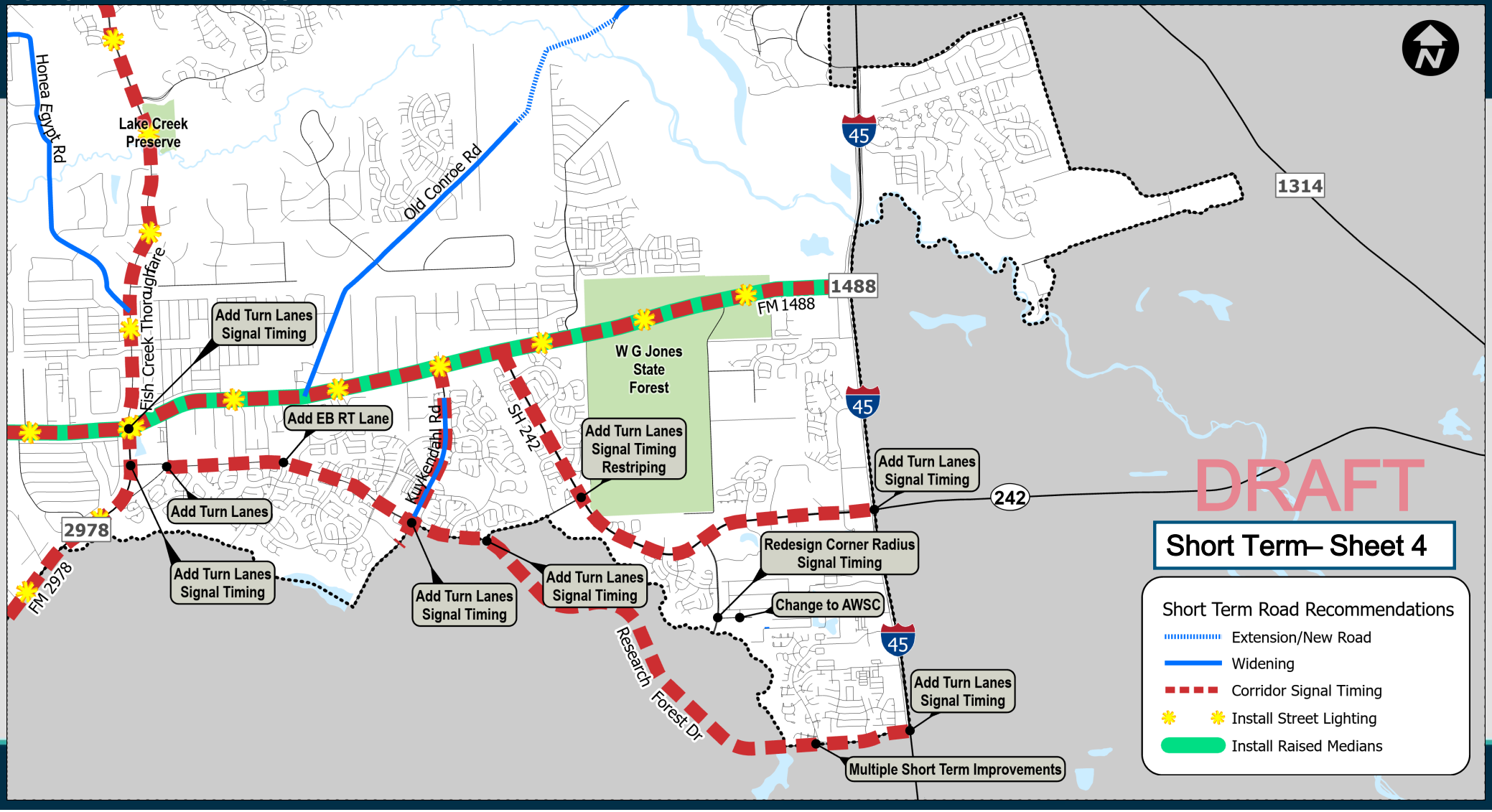
SHORT TERM RECOMMENDATIONS



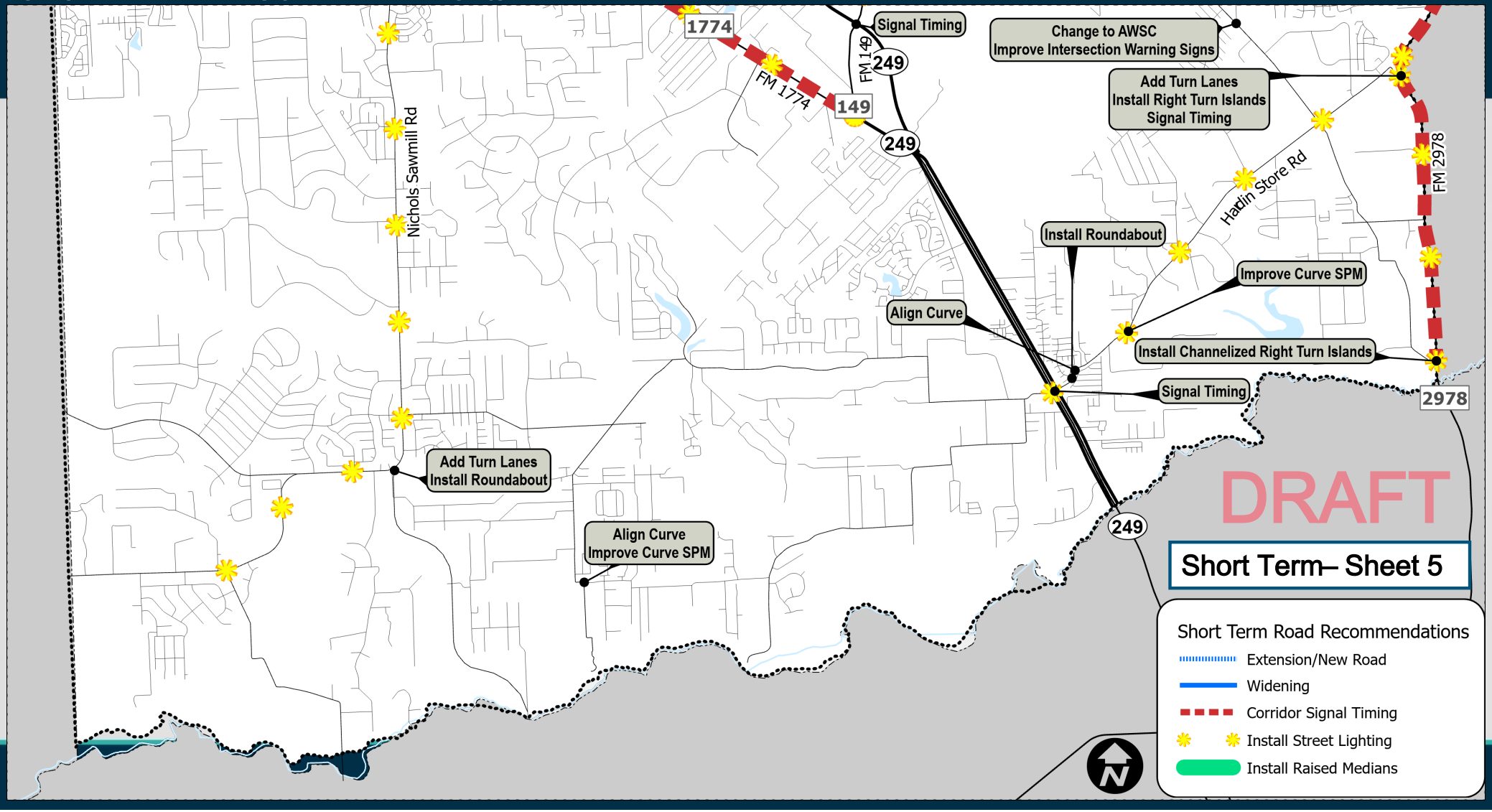
SHORT TERM RECOMMENDATIONS



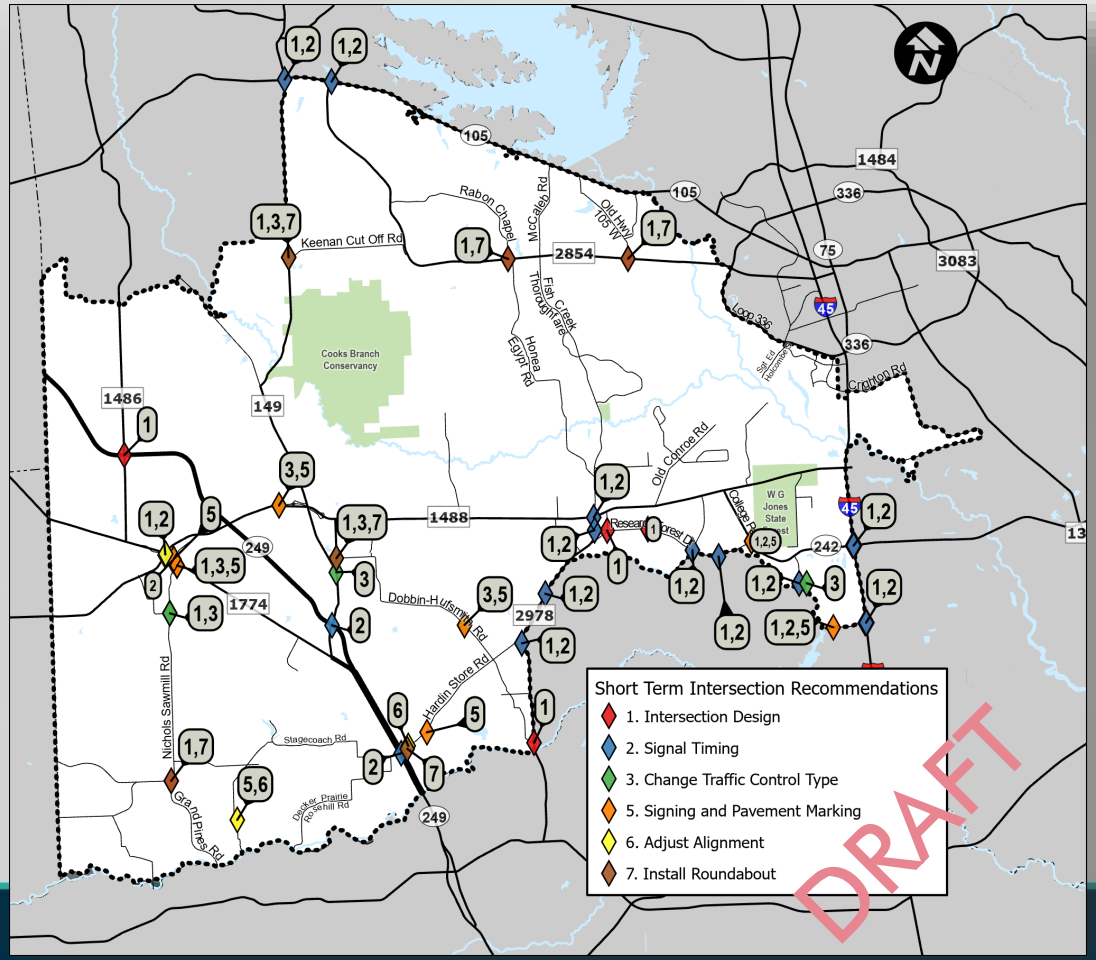
SHORT TERM RECOMMENDATIONS



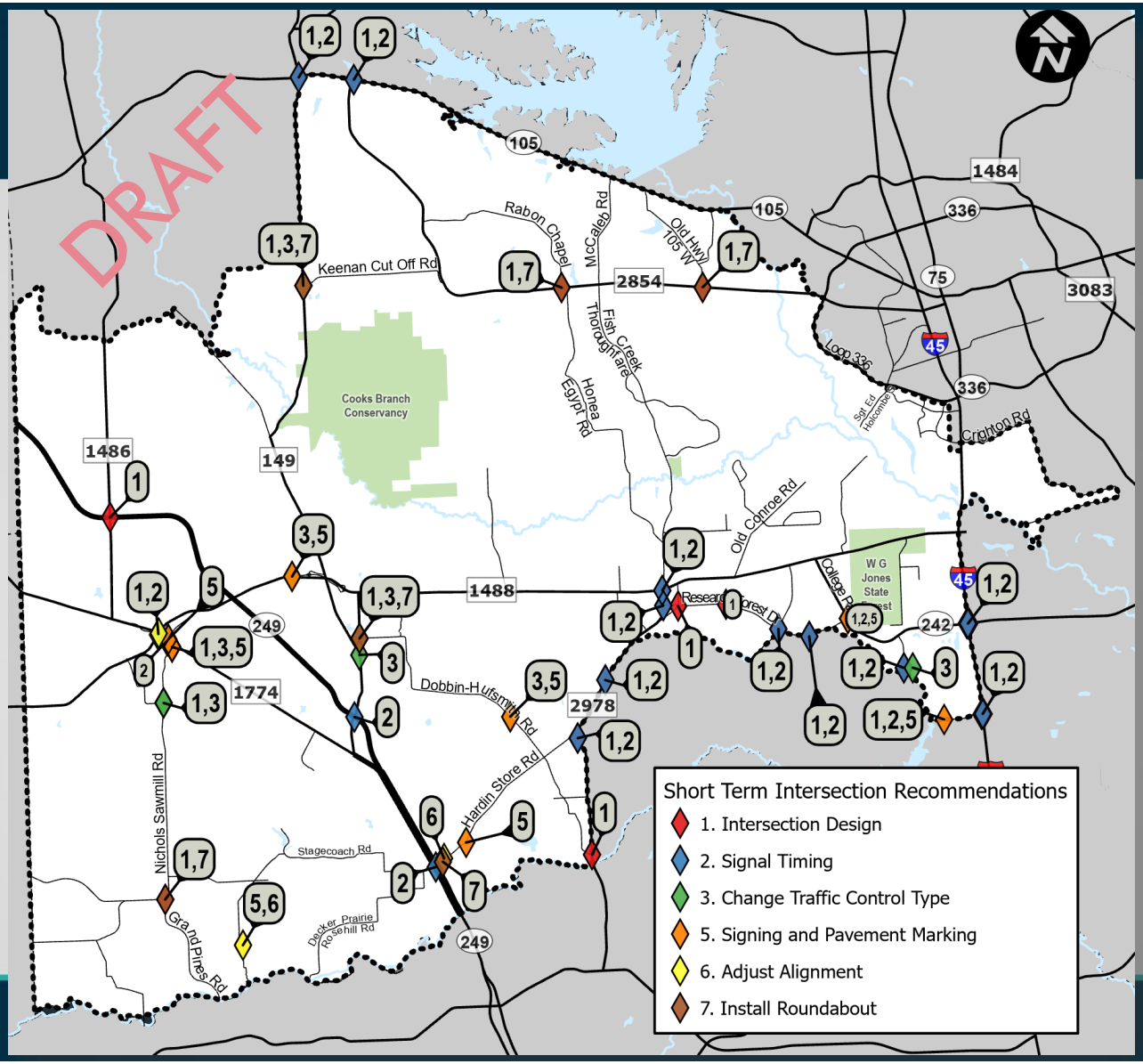
SHORT TERM RECOMMENDATIONS



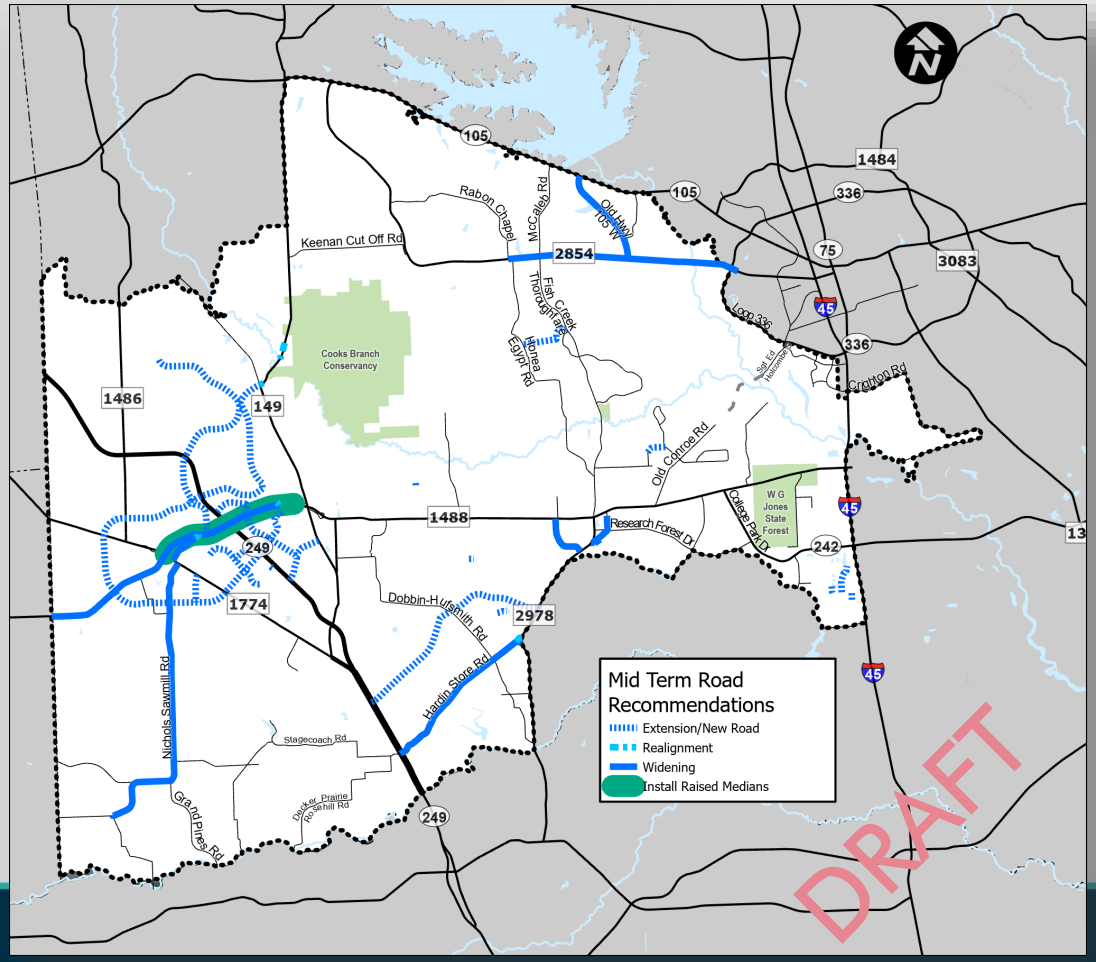
Short -Term Projects: Intersections



- Add Turn Lanes
- Signal Timing Updates
- Change Traffic Control
  - All Way Stop Control
  - Signal
  - Install Roundabout
- Improve Signing and Pavement Markings
- Adjust Curve Alignment at Intersection

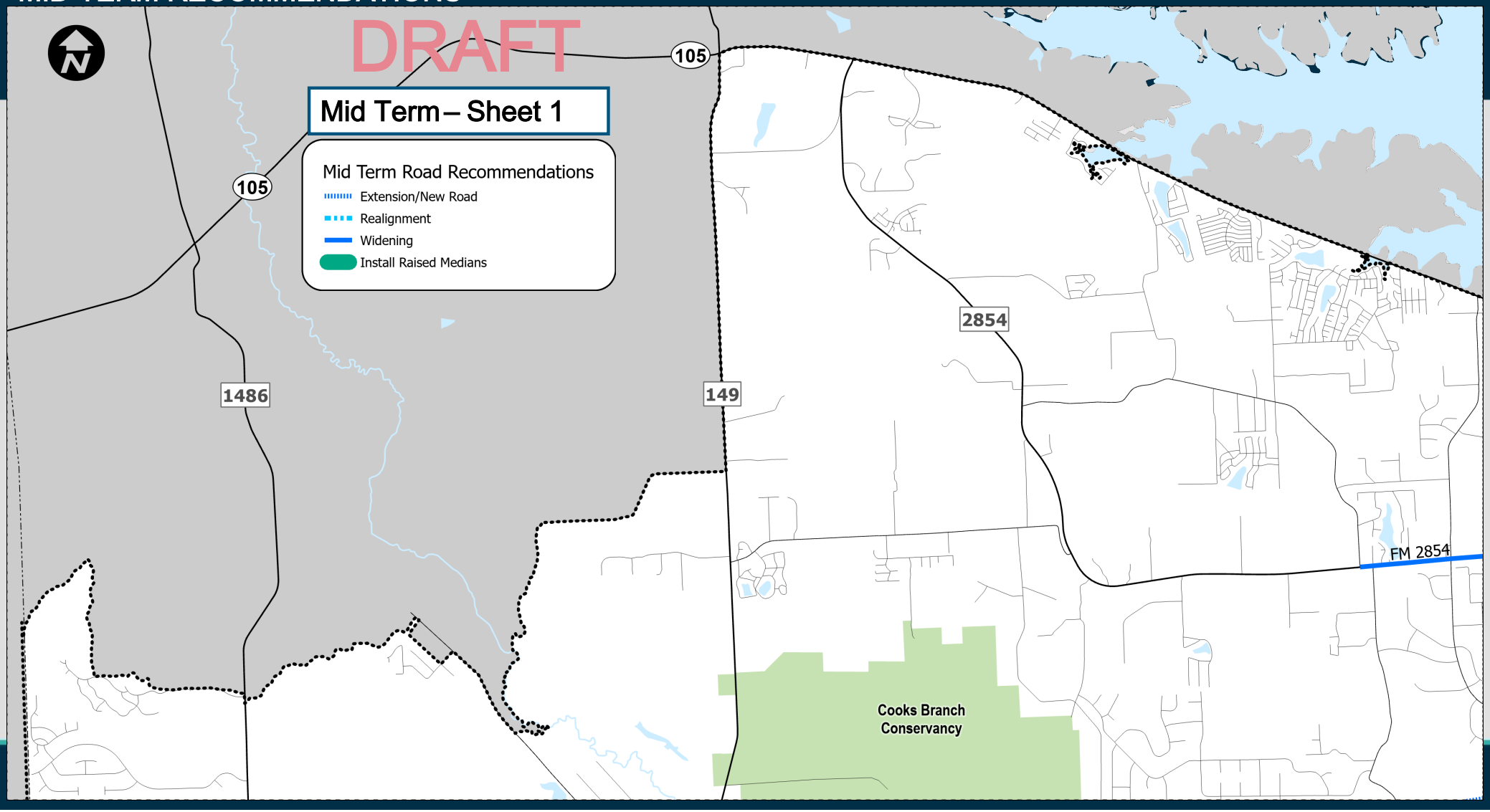

DRAFT
Short Term Intersection Recommendations
1. Intersection Design
2. Signal Timing
3. Change Traffic Control Type
5. Signing and Pavement Marking
6. Adjust Alignment
7. Install Roundabout
Keenan Cut Off Rd
Rabon Chapel
McCaley Rd
Old Hwy 105 W
Fish Creek Thoroughfare
Honea Egypt Rd
Cooks Branch Conservancy
Loop 336
Crighton Rd
Old Conroe Rd
College St
W G Jones State Forest
Dobbin-Huffsmith Rd
Hardin Store Rd
Nichols Sawmill Rd
Stagecoach Rd
Grand Pines Rd
Decker Prairie Rosehill Rd
105
1484
336
75
3083
45
1486
149
1488
249
1774
2854
2978
242

Mid -Term Projects: Roads

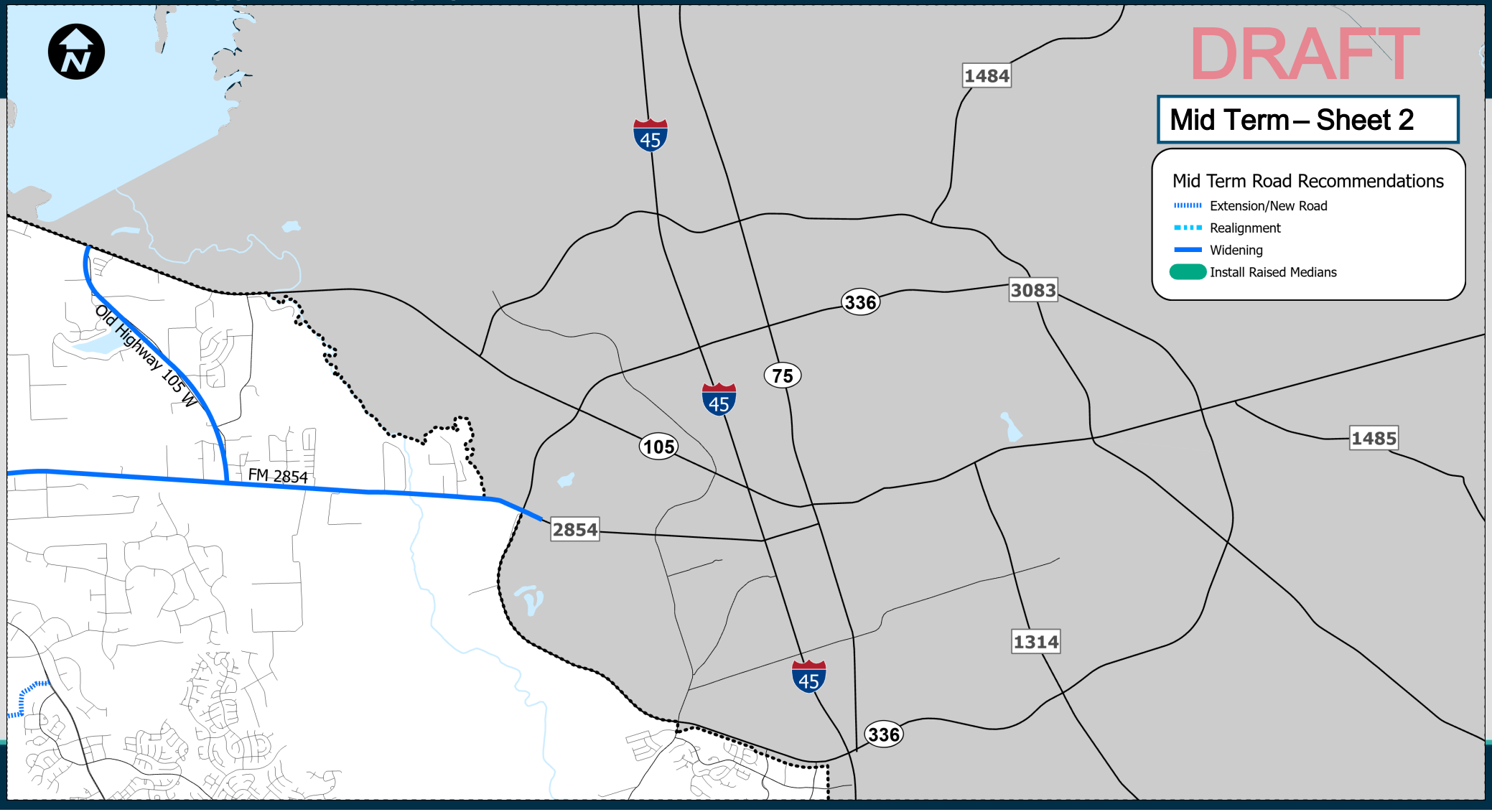


- Extend Old Conroe Rd
- Widen Roadway
  - Honea Egypt Rd (Add Shoulders)
  - Spur 149
  - Old Conroe Rd
  - Kuykendahl Rd
- Corridor Signal Timing
- Install Raised Medians
- Add Street Lighting

MID-TERM RECOMMENDATIONS



MID-TERM RECOMMENDATIONS



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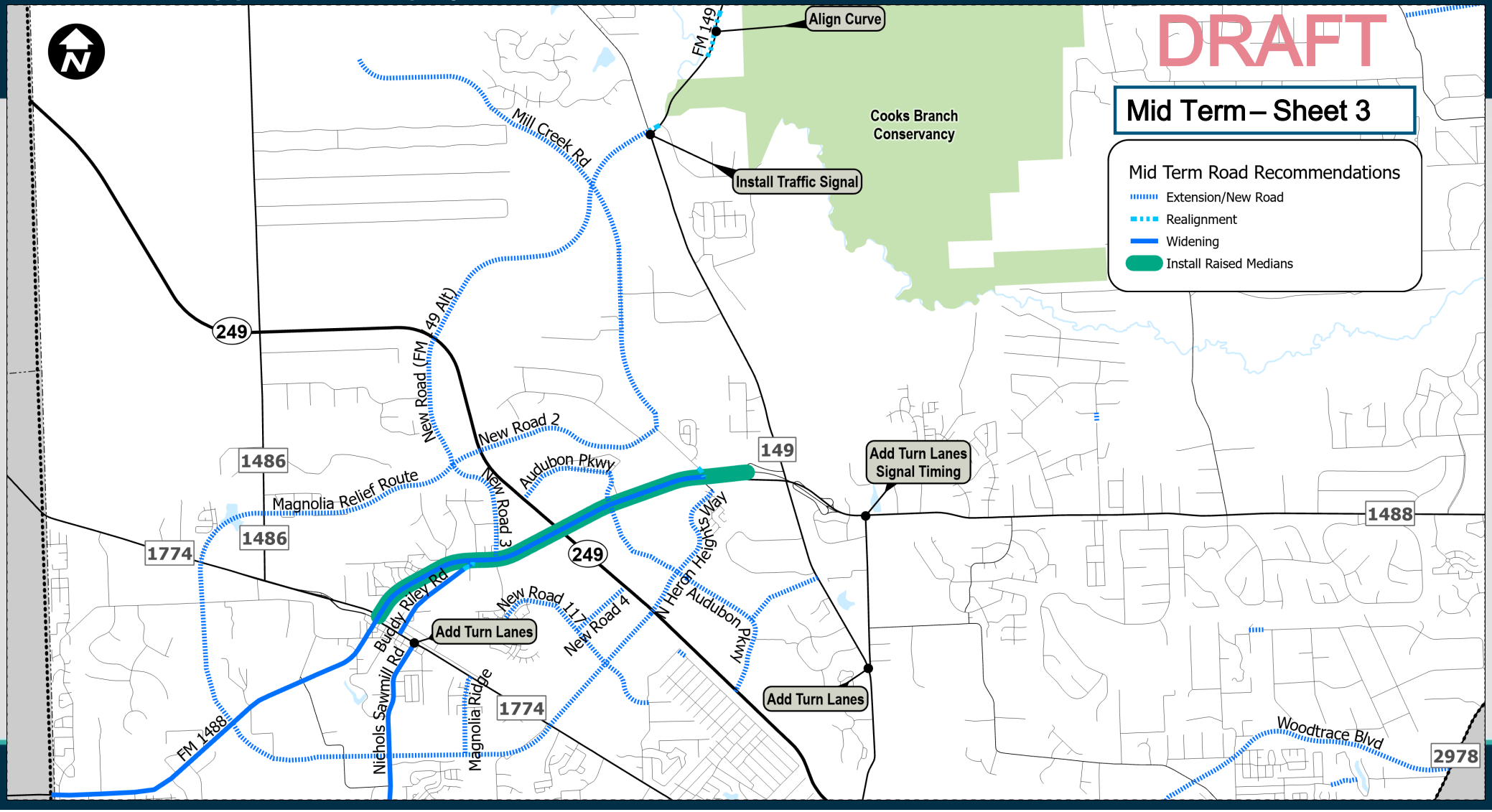
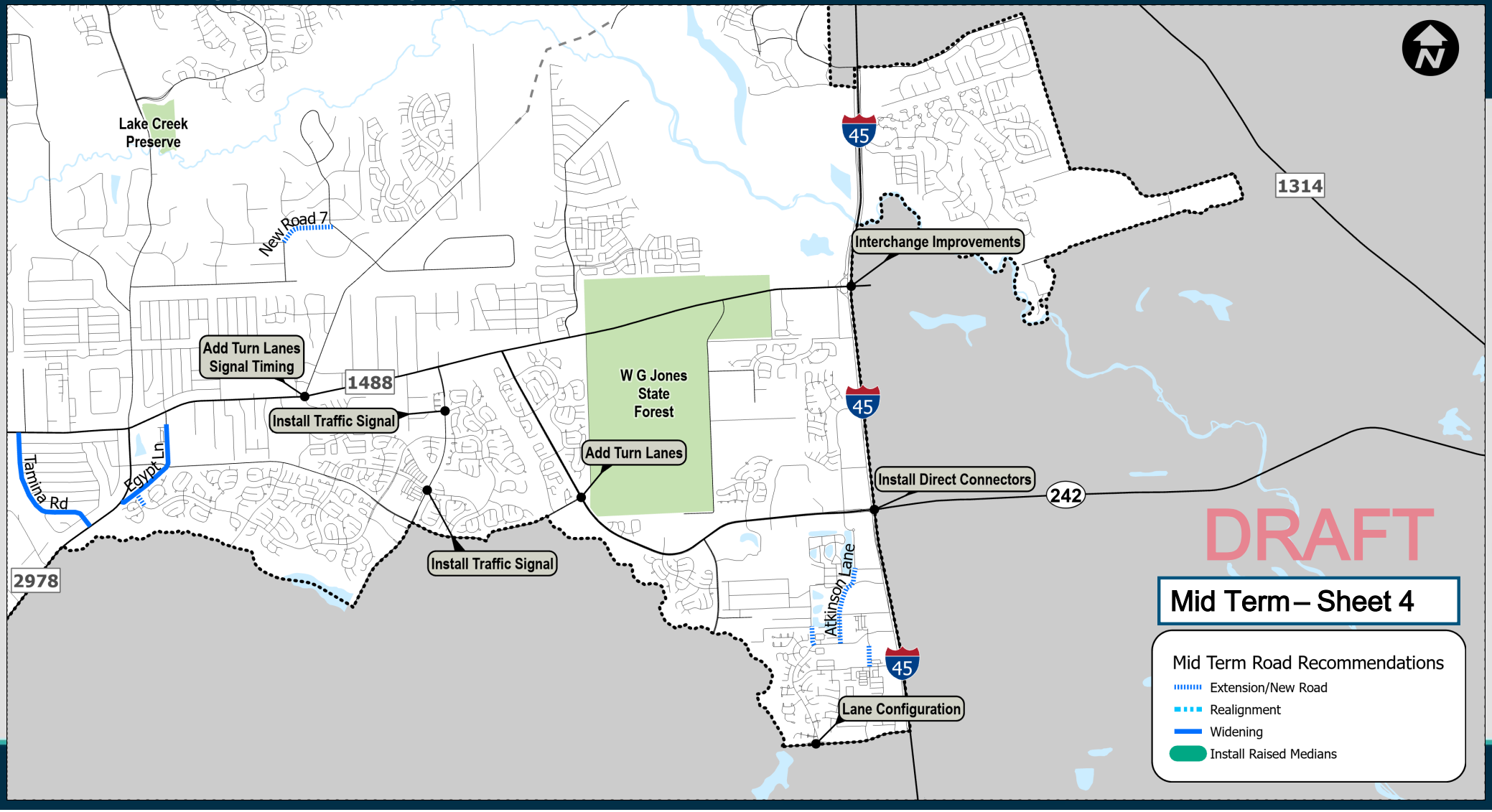
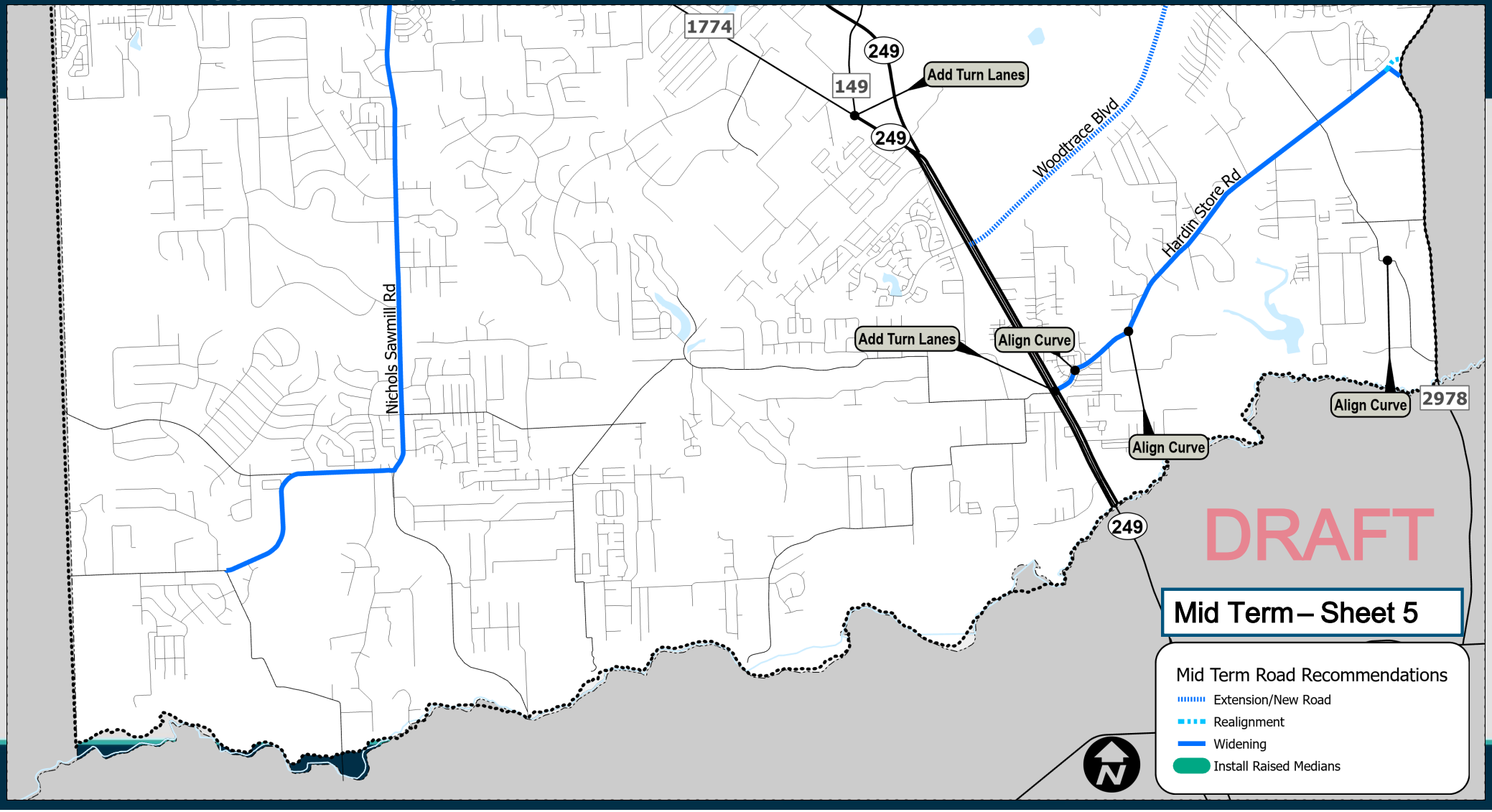


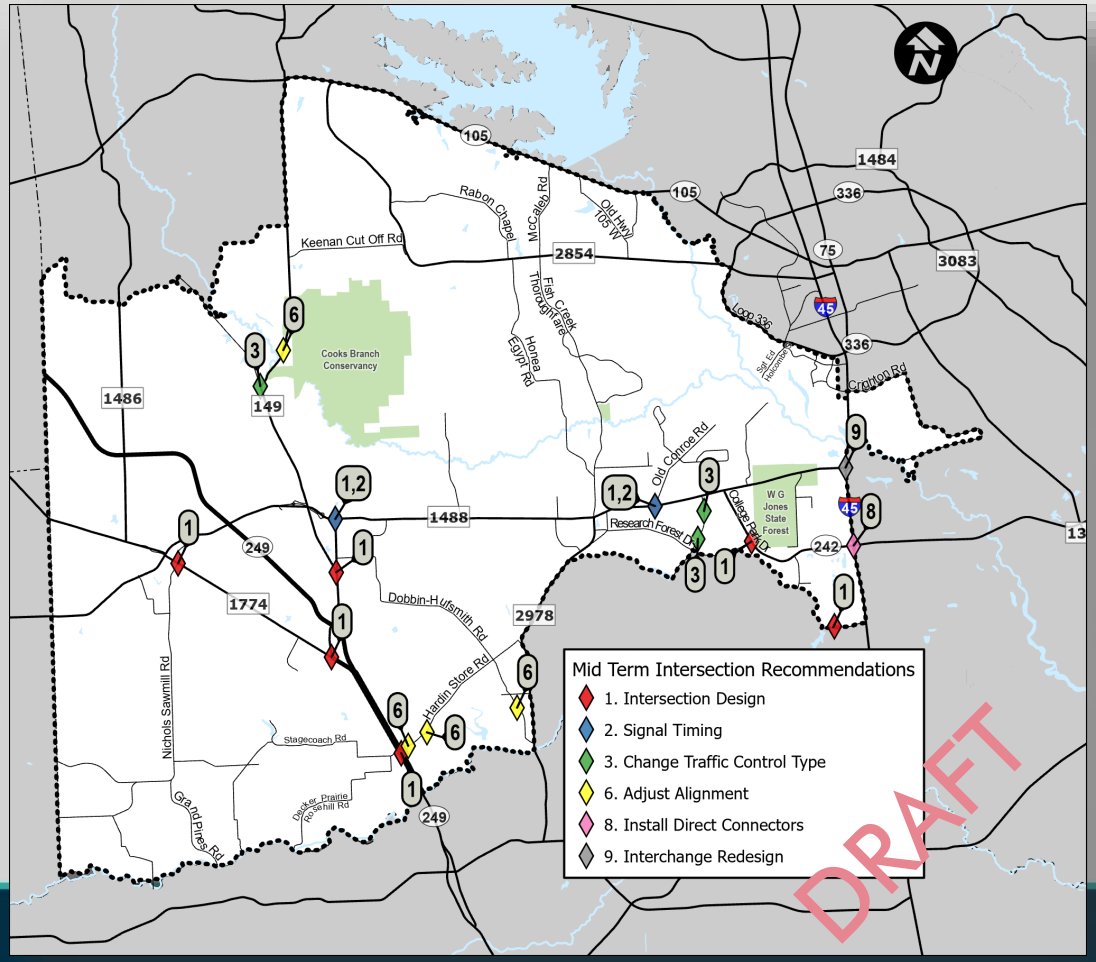
MID-TERM RECOMMENDATIONS



MID-TERM RECOMMENDATIONS

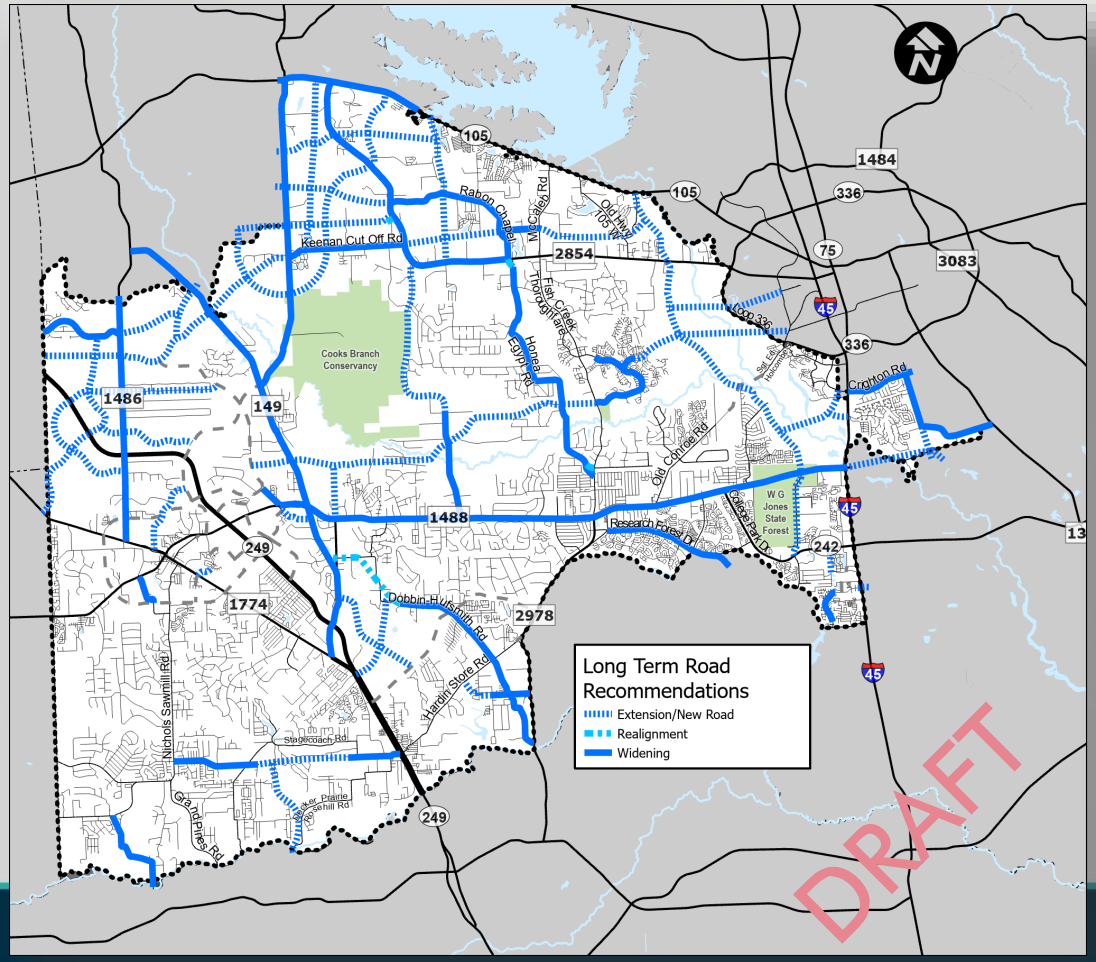


Mid -Term Projects: Intersections



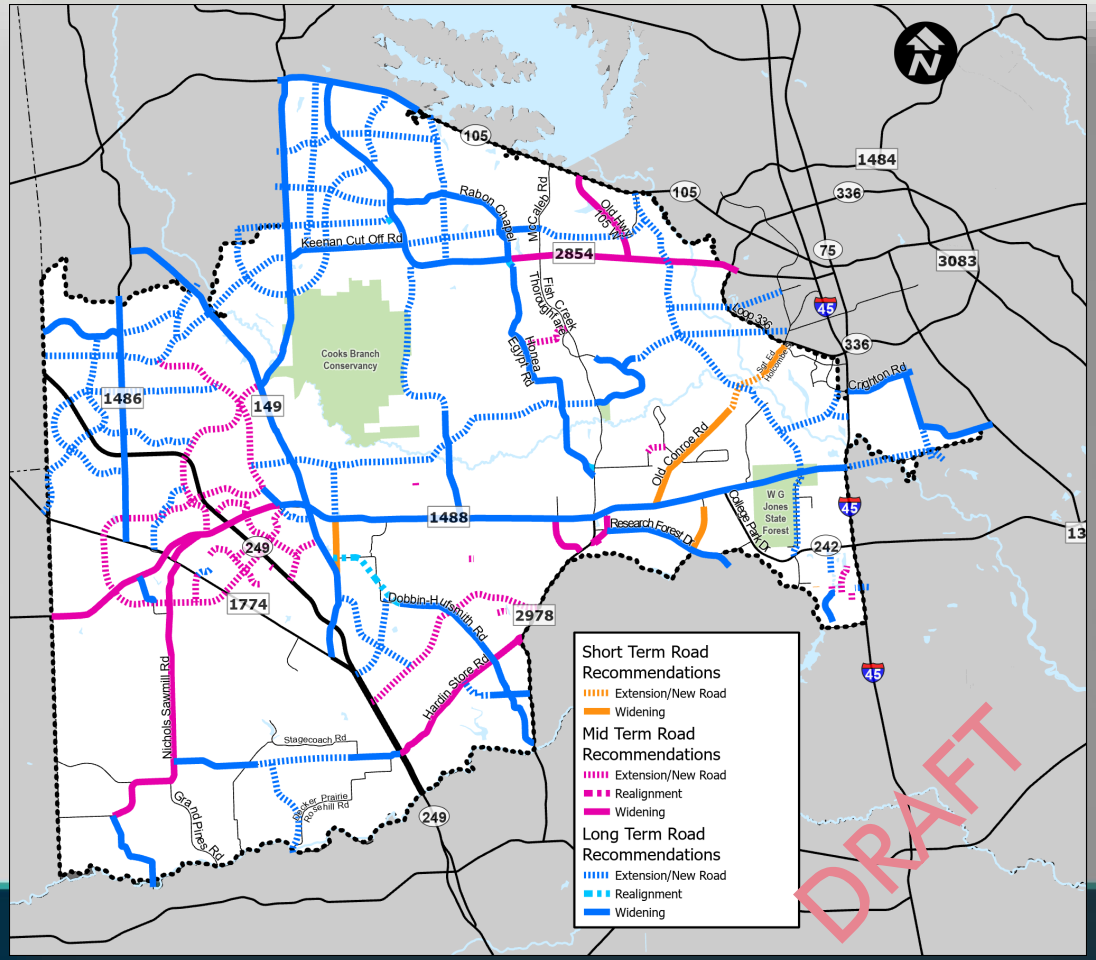
- Add Turn Lanes
- Signal Timing Updates
- Change Traffic Control
  - All Way Stop Control
  - Signal
  - Install Roundabout
- Adjust Curve Alignment at Intersection
- Redesign Interchange
- Install Direct Connectors

Long -Term Projects: Roads and Intersections



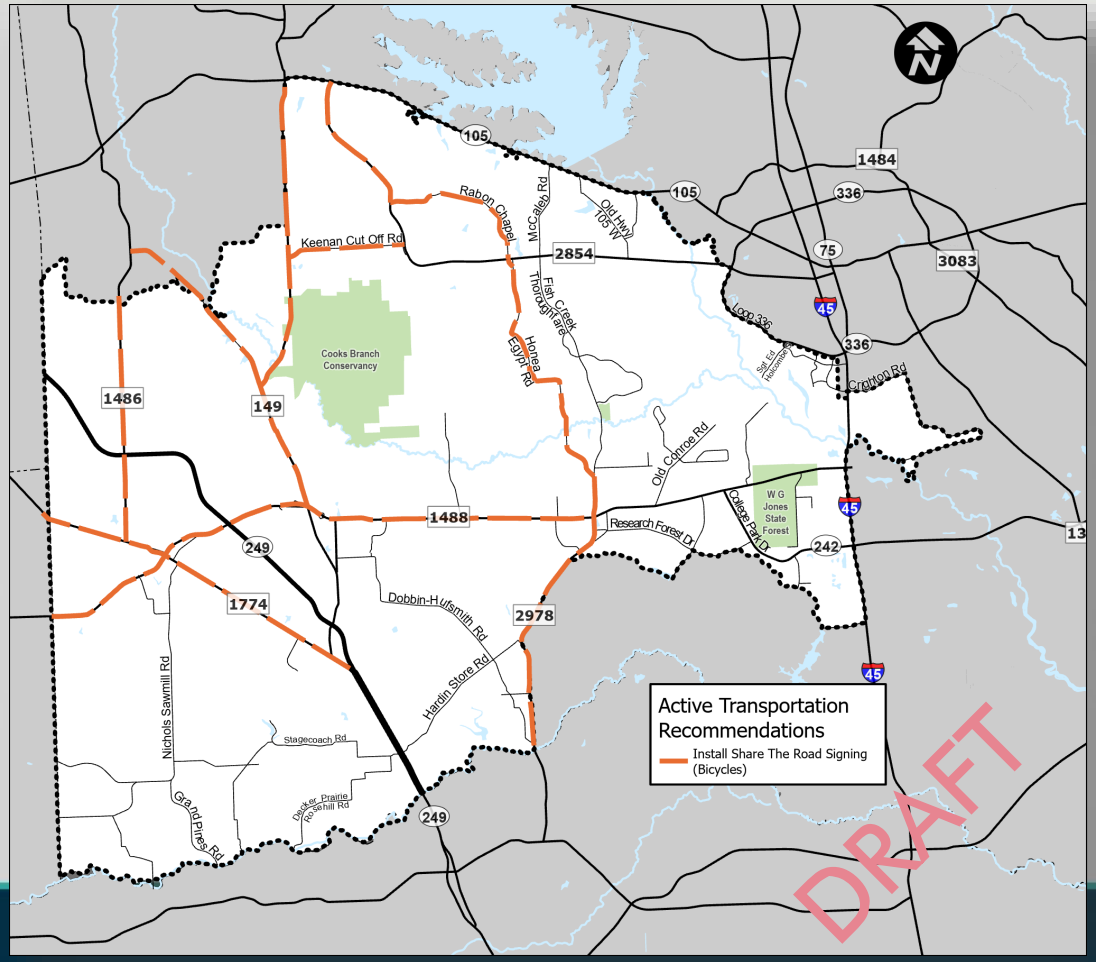
- Intersection Improvements
- Extend Roadways
- Widen Roadways
- Realign Roadways

Roadway Recommendations



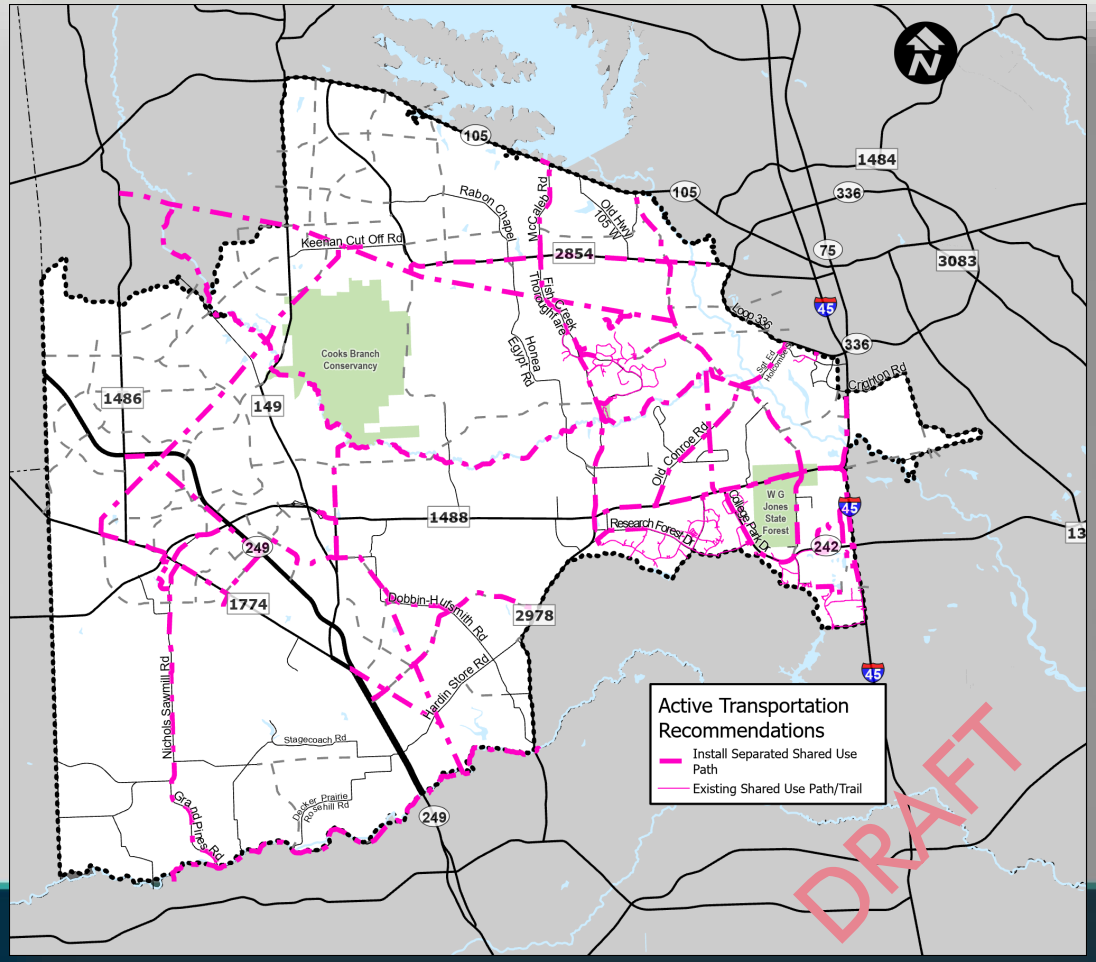
- Short Term
- Mid Term
- Long Term

Active Transportation



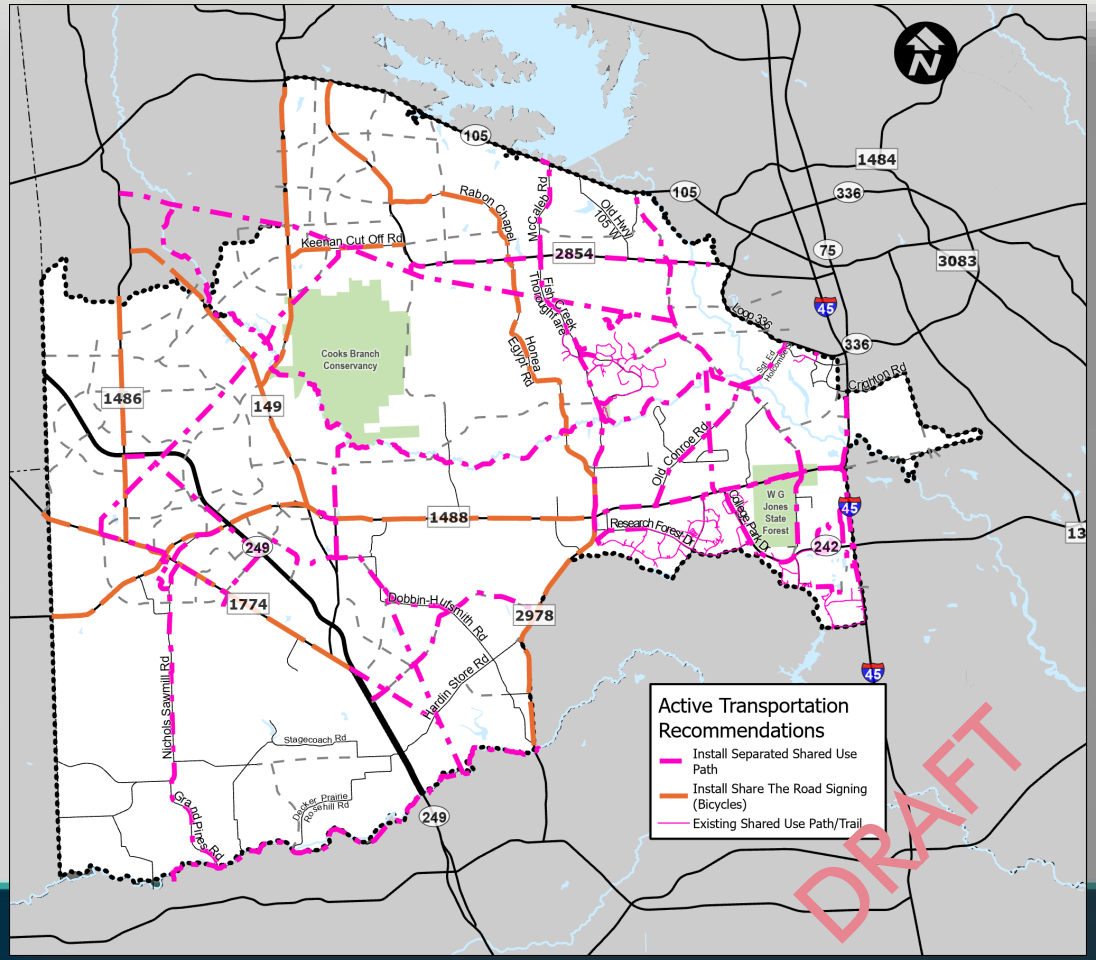
- Add Bicycle Signing to Existing Shoulder and Shared Road Routes

Active Transportation



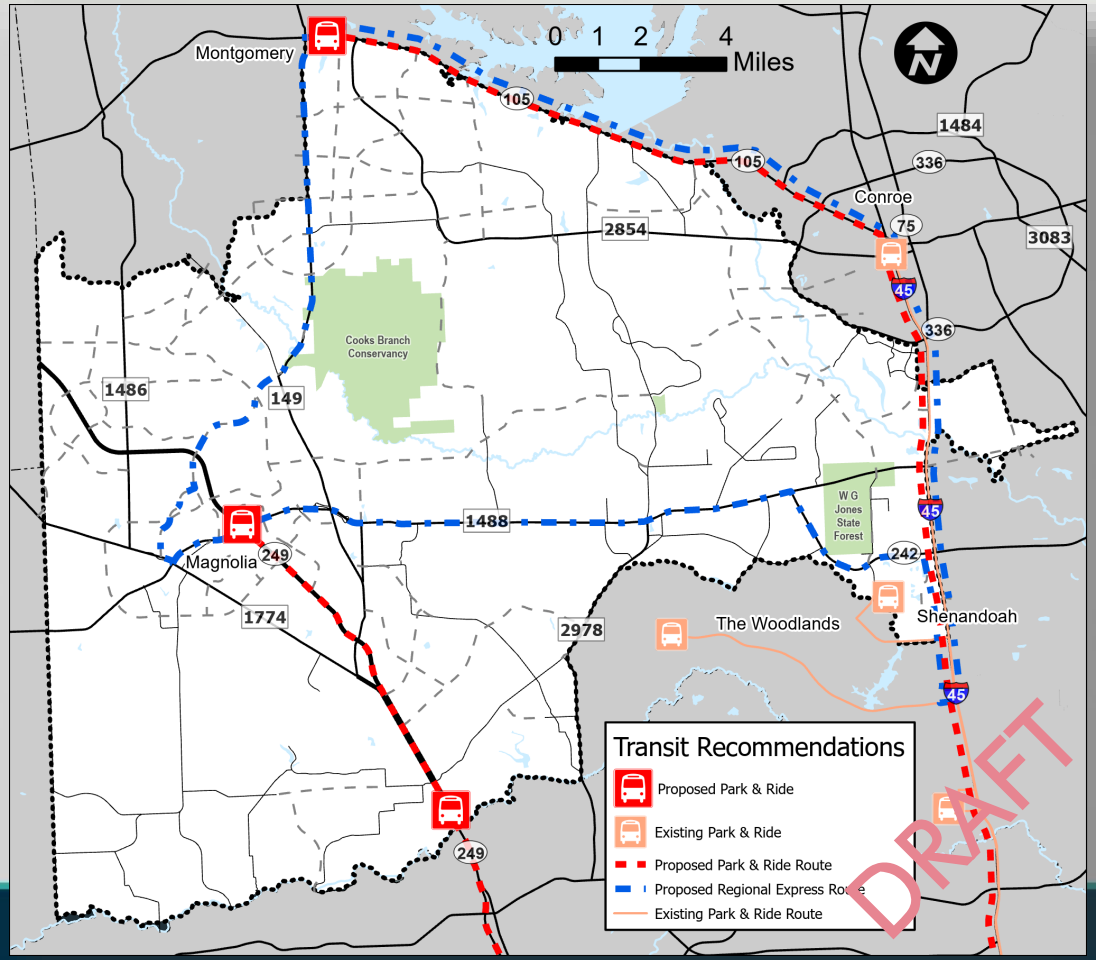
- Install Separated Shared Use Paths
  - Easements (Utility, RR, etc.)
  - Next to Roadways
  - Next to Waterways

Active Transportation



- Bicycle Signing
- Shared Use Paths

Transit



- Park & Ride facilities near Magnolia and Montgomery
- Local loop route that connects Conroe - Montgomery - Magnolia - The Woodlands



5. Discussion

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6. Next Steps

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Next Steps



- Steering Committee Meeting – Sept./Oct
- Stakeholder Group Meeting – December
- Steering Committee Meeting – January
- Public meeting – Jan./Feb.
- Final report - Spring 2022

THANK YOU!



- **Carlene Mullins – Project Manager**
  Carlene.Mullins@h -gac.com
- **Justin Kuzila – Project Planner**
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

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H-GAC METROPOLITAN PLANNING ORGANIZATION

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STEERING COMMITTEE MEETING 6 – MEETING SUMMARY

APRIL 19, 2022 10:30 AM - 12:00 PM

Attendees:

Abraham Guzman
Bruce Berger
Carl Gerhardt
Carlene Mullins
Catie Reid
Don Dean
Jean Teague
Jeffery English
JJ Hollie
Justin Kuzila
Kyle Montgomery
Maria Leon
Rob Eissler
Rick Wong
Steve Leakey
Tommy Woolley

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Project overview and study area
    - Project schedule
    - New/proposed developments
    - Barriers
3. Road Network Recommendations
    - Safety Recommendations (0-1 year)
    - Short-Term (1-10 years)
    - Long-Term (11+ years)
        - Question: How many lanes for Research Forest widening?
            - Widen to 6 lanes
        - Question: How many lanes for Grogan's Mill widening (north of Research Forest)?
            - Widen to 4 lanes
        - Comment (Jean Teague): Recent resolutions passed by City of Shenandoah that are against overpass for Vision Park over I-45
        - Question (Steve Leakey): Has integration with surrounding precincts been considered? Need connection to outside Precinct 2.
            - Carlene: Yes, roads are coordinated
            - Steve: Commissioners Court involved?
            - Carlene: Up to Precinct 2
        - Comment (Bruce Berger): recommendations are proposals, not set in stone. Suggestions for future projects.
        - Comment (Steve Leakey): Hurts funding when there is a lack of communication between agencies
        - Note: Most of the recommendations are for county roads.

        - Note: New Road 11/Mansion's Blvd connection to People's Rd has been taken out because of State Forest
        - Discussion on roundabouts:
            - Concerns about driver confusion due to lack of familiarity
            - Concerns about higher speed roads
            - Need to be designed to accommodate larger vehicles, especially in rural locations
            - Question on roundabout speeds
                - Maximum entry speed is 20-30 mph, depending on number of entry lanes
                - Typical operating speed within circulatory roadway between 15-25 mph
                - Additional treatment options available for high speed approaches in rural settings
            - Roundabouts more efficient/faster than all-way stop, and safer than signalized intersection (fewer conflict points)
            - Commenters provided examples of locations with roundabouts, including in Shenandoah, TX
4. Alternatives
    - Base Network (existing network + funded projects)
    - Alternative 1 (Base network + all MP2 recommendations)
        -
    - Alternative 2 (Base network + limited MP2 recommendations)
        - Removes New Road 11 (Mansions Blvd extension) between FM 2854 and FM 1488, Woodforest/Corrolla extension from FM 149 to Superior Rd, Spur 149 extension, and Superior Rd extension
    - Alternative 3 (Alternative 2 + additional MP2 recommendations)
        - Adds New Road 11 (Mansions Blvd extension) between FM 2854 and Old Conroe Rd, Woodforest/Corrolla extension from FM 149 to Superior Rd, and Superior Rd extension
    - Question: Which alternative gets rid of the most red
        - Alternative 1
5. Transit Recommendations
    - 3 proposed Park & Ride locations near Magnolia and Montgomery
    - Express route connecting Conroe-Montgomery-Magnolia-The Woodlands
    - No comments/questions
6. Active Transportation Recommendations
    - Separated shared use paths proposed along roadways, utility easements, railroad easements, waterways, etc.
    - Widen or extend existing sidewalks to accommodate cyclists
    - No comments/questions
7. Next Steps
    - Finalize recommendations – May 2022
    - Stakeholder Group Meetings – May 2022

STEERING COMMITTEE MEETING 6 – MEETING SUMMARY
APRIL 19, 2022 10:30 AM - 12:00 PM

- Steering Committee Meetings – Early Summer 2022
- Public Meeting – Summer 2022
- Final Report – Fall 2022

8. Discussion
   - Question: Who is owner of New Road 5? Dead ends into neighborhood.
     - Road is from 2021 Major Thoroughfare Plan (MTFP)
     - Would be owned by county
   - Comment: Superior Rd extension would provide alternative to I-45
   - Comment: New Road 11/Mansions Blvd. extension necessary for region
   - Question: How much of network is from MTFP?
     - Majority of roadway items from MTFP, but many have been altered
   - Question: Do roads belong to county or state? Funding?
     - Majority of roads belong to county
     - Can apply for TIP funding, etc.
   - Question: Is widening of lanes on FM 2854 included?
     - Yes.
   - Comment: Would need direct connect for New Road 11/Mansions Blvd. to I-45 if not connecting to FM 1488. Possible connection to River Plantation.
   - Comment (Bruce Berger): Precinct 2 is OK with Alternative 2 with some adjustments
     - Understands that recommendations are ideas, but public often misinterprets and complains
   - Comment (Tommy Woolley): Likes the idea of connection from New Road 11/Mansions Blvd. to I-45
   - Comment (Carlene Mullins): Plans are needed so developers can set aside space/ROW for new roadways
   - Comment (Jean Teague): Can expect resistance from City of Shenandoah on some recommendations in that area
   - Comment (Don-Pct2): Would like New Road 7 removed [note – connects Sendera Ranch (has 2 entrances/exits very close to each other on the same road) to Red Oak Ranch/Lake Creek Forest (only has one entrance/exit)]
   - Comment: Remove New Road 11 from New Road 8 to FM 1488. Smooth curve from Old Conroe Rd to New Road 8.
   - Note: I-45 PEL study starting again soon. Direct connectors from I-45 to FM 1488 possibly to land in State Forest portion of FM 1488
   - Comment: Check Waller County MTFP
   - Comment: Remove Woodforest/Corrolla extension west of Superior Rd
   - Comment: Remove Superior Rd extension
   - Comment: Adjust Atkinson Ln alignment due to development.
9. For more detailed information and to view exhibits, see presentation slides.




Montgomery County Precinct 2 Steering Committee Meeting 6




Carlene Mullins, H-GAC
April 19, 2022

Regional Collaboration • Transportation Planning • Multimodal Mobility

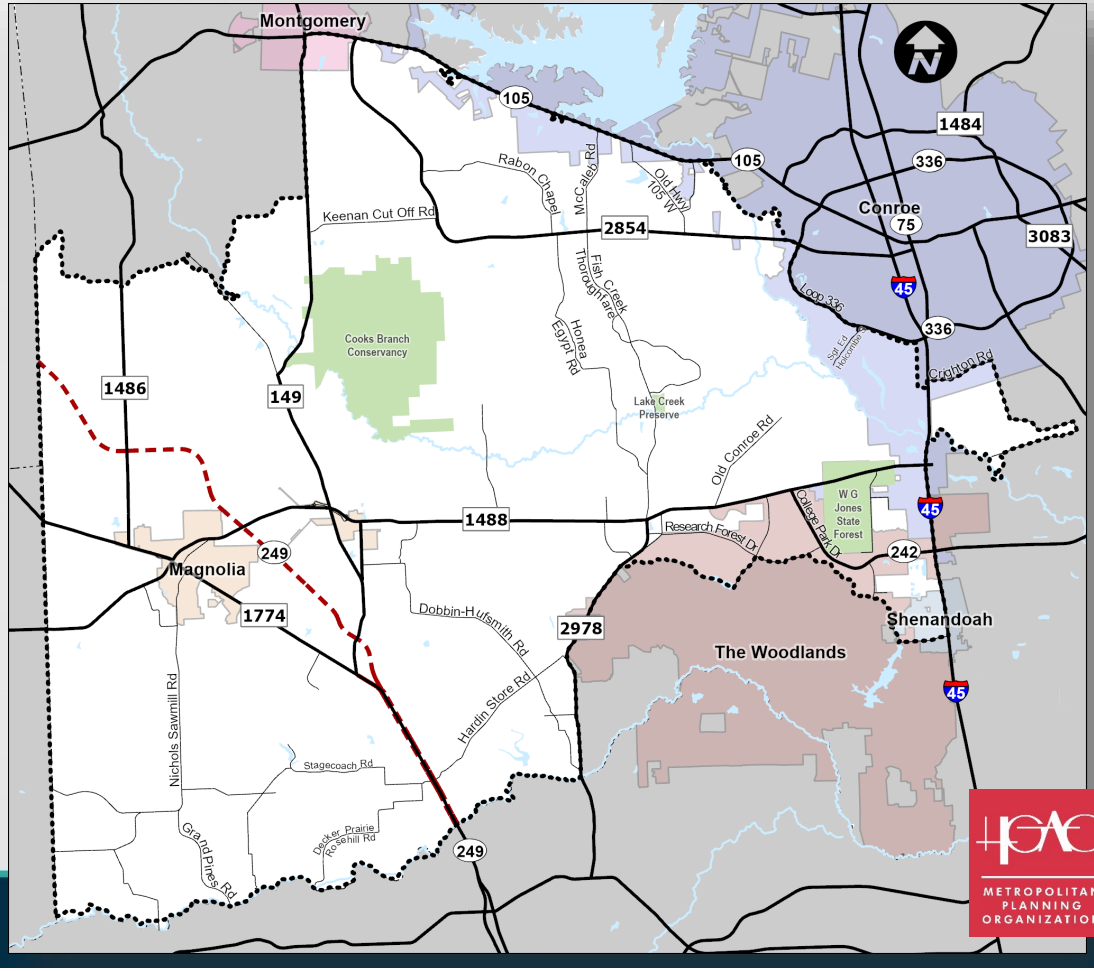
H-GAC METROPOLITAN PLANNING ORGANIZATION

Agenda

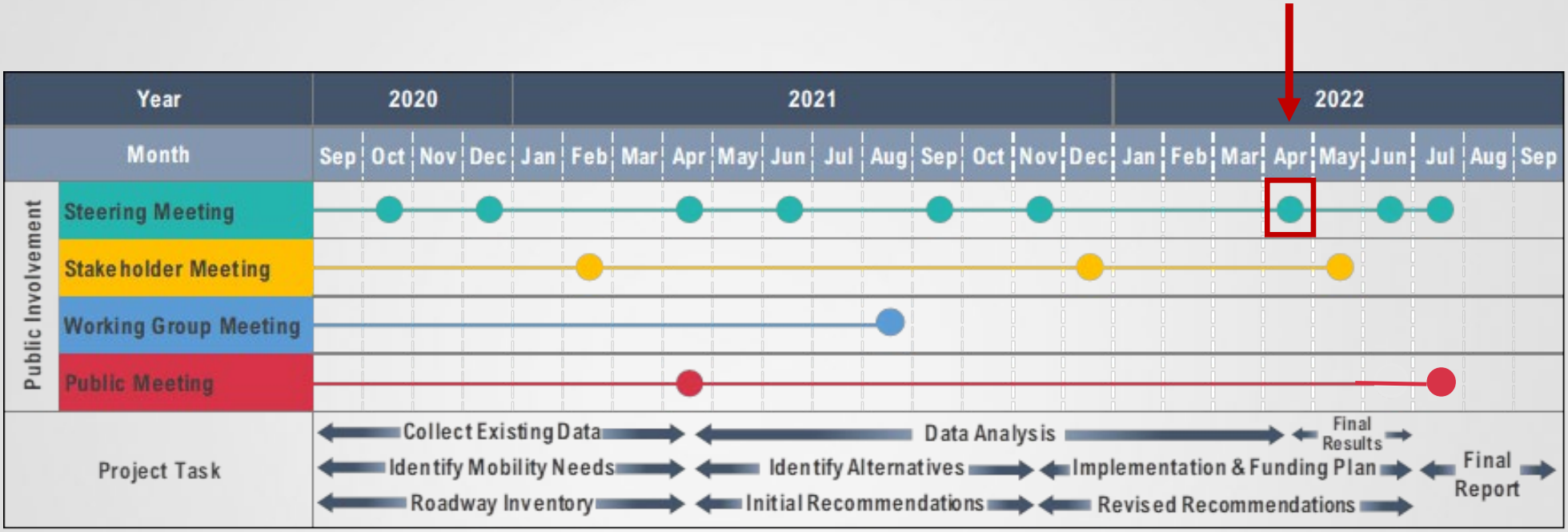
1. Welcome
2. Study Overview
3. Road Network Recommendations
4. Alternatives
5. Transit Recommendations
6. Active Transportation Recommendations
7. Discussion
8. Next Steps

Project Overview and Study Area

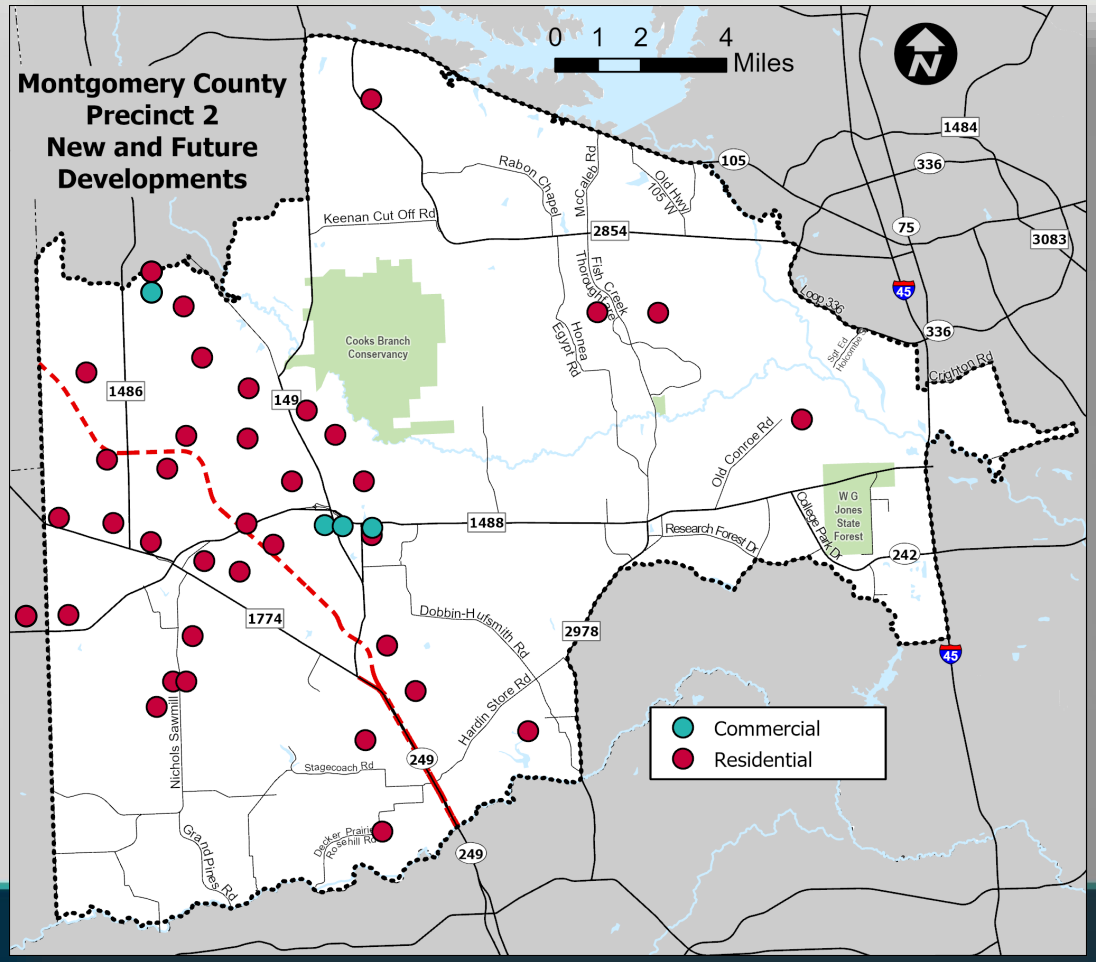
- **Purpose**
  - Develop a safe, well-connected and efficient multi-modal transportation system.
  - Promote orderly growth
  - Provides adequate mobility for people, goods and services.
  - Coordinate public and private investments.
- **Study Results**
  - Transportation Plan
  - Roadway Inventory



Project Schedule



New and Proposed Developments





















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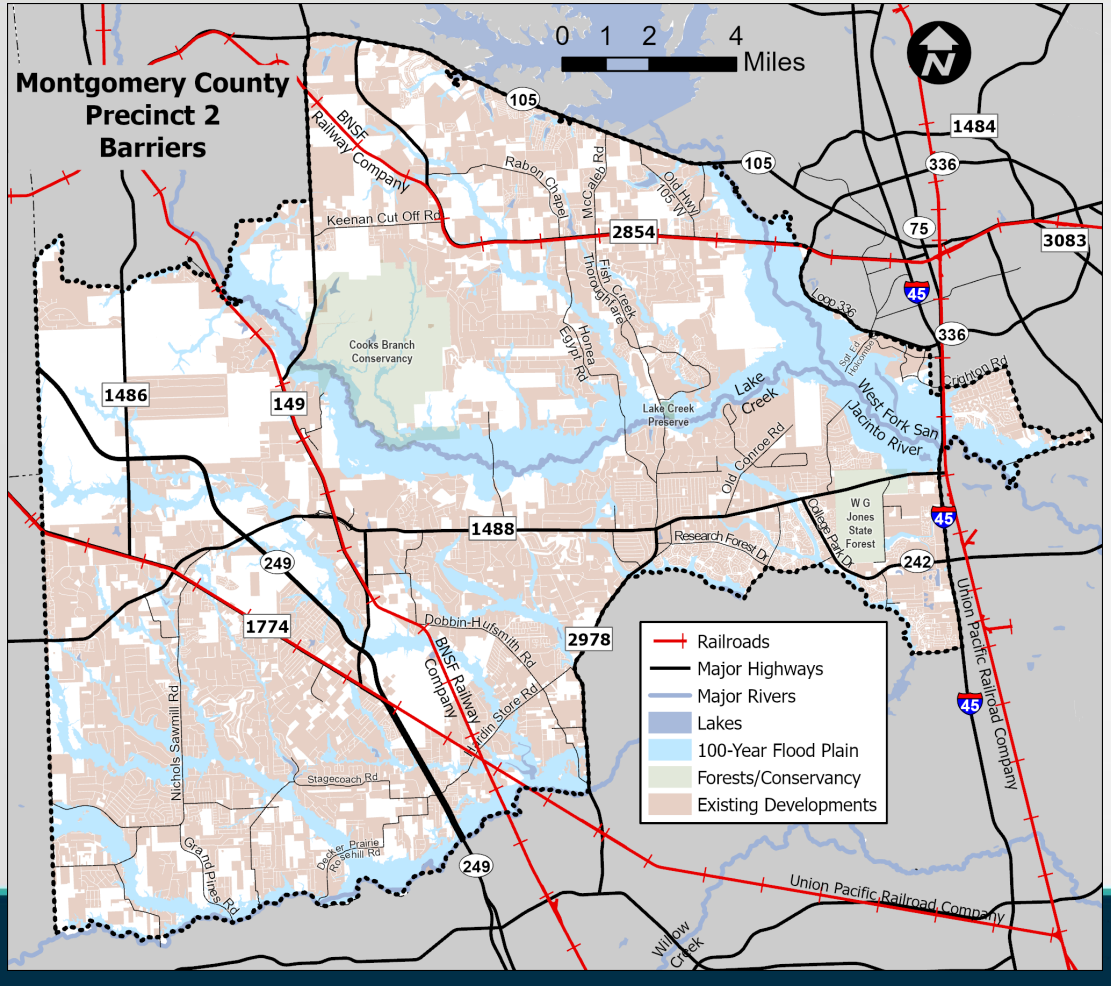
Barriers



- Floodplains
- Forests/Conservancies
- Railroad Tracks
- Existing Development

Keep in Mind…



- There are no bad ideas
- Keep an open mind
- Work as a *team*
- This is a multi-modal mobility plan

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Draft Recommendations

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Safety Recommendations

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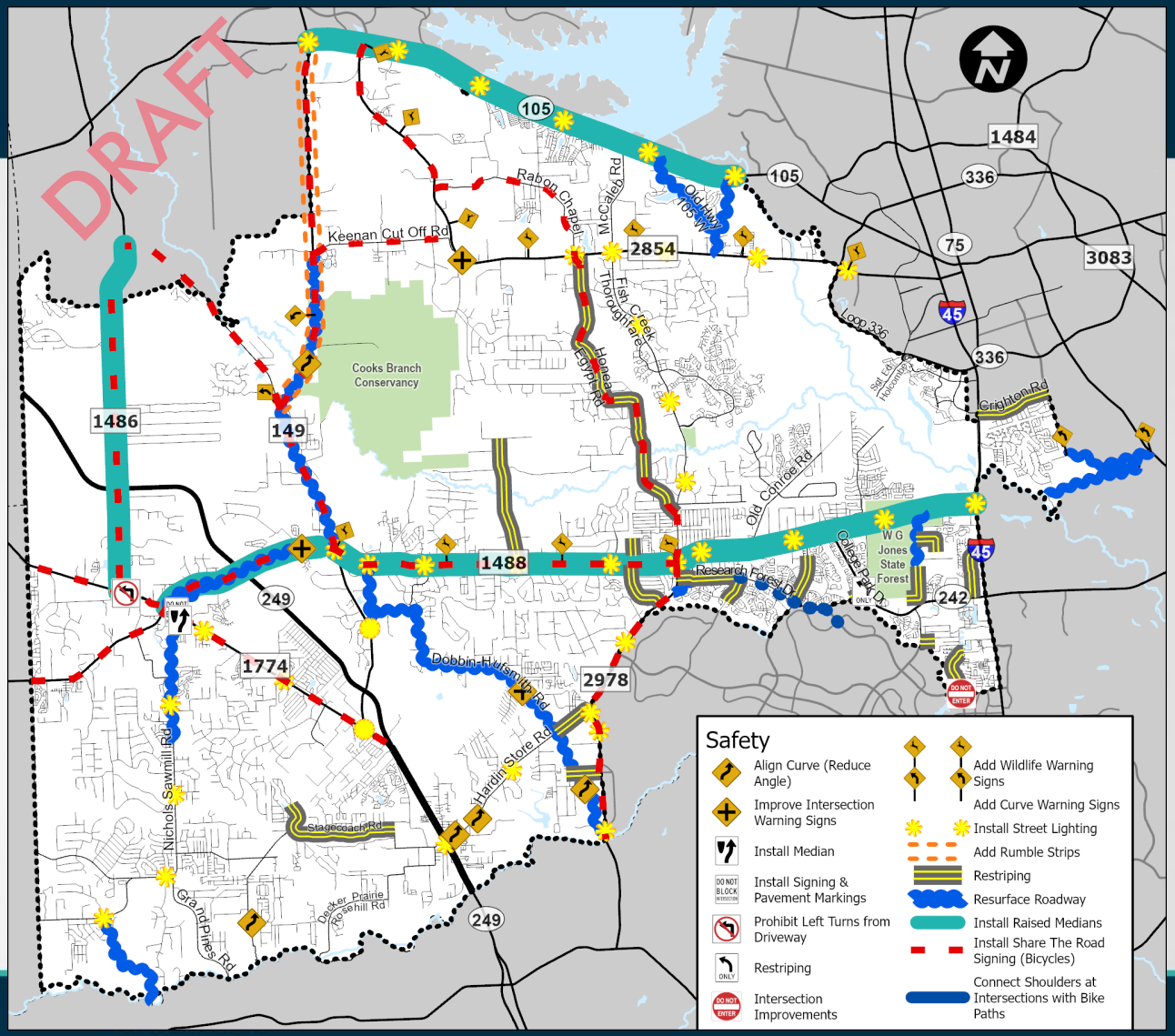
Safety Recommendations

- Signage
  - Curve Ahead
  - Wildlife Warning
  - Share the Road
- Raised Medians
- Street Lighting
- Rumble Strips
- Restriping





Road Recommendations

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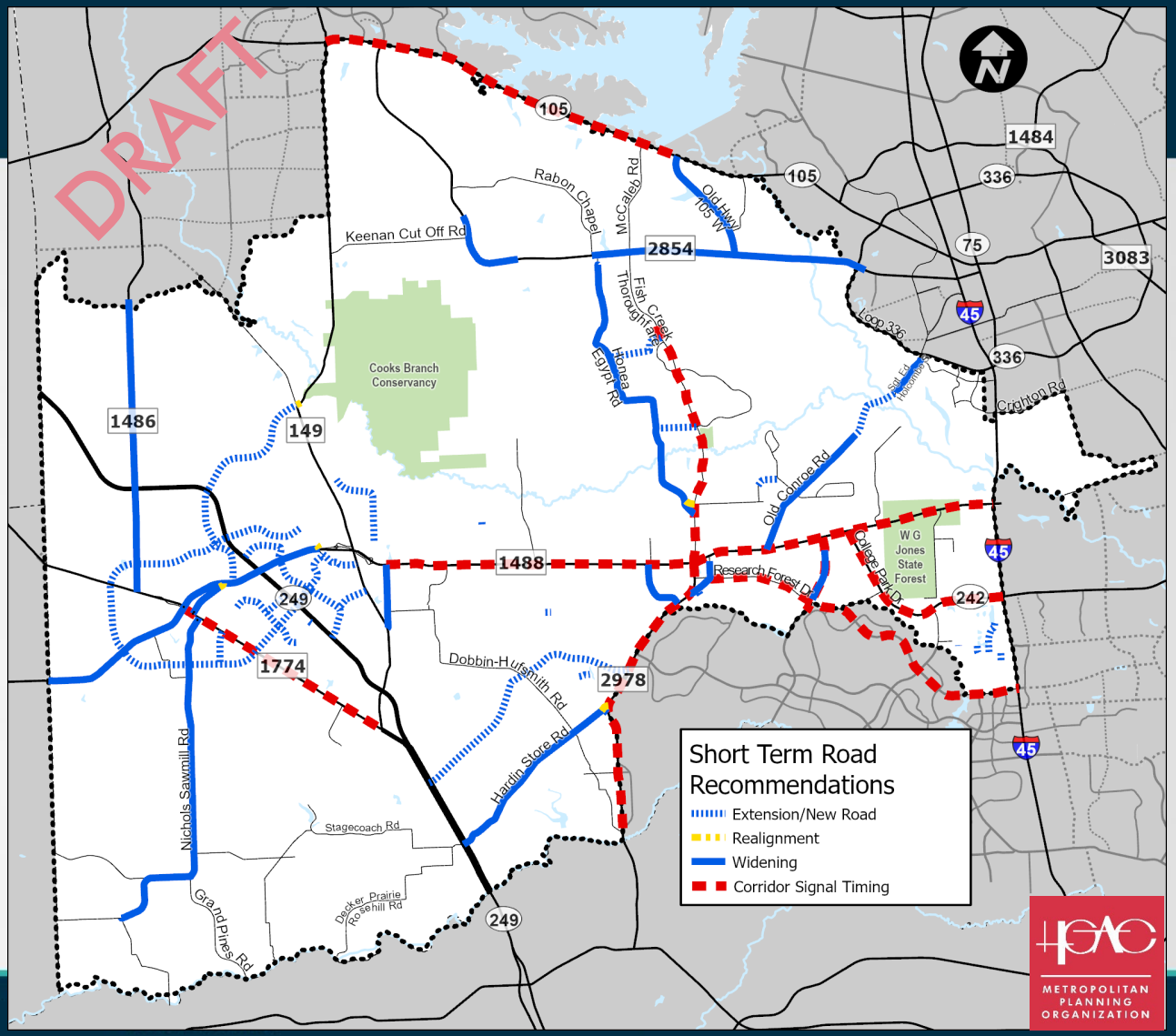
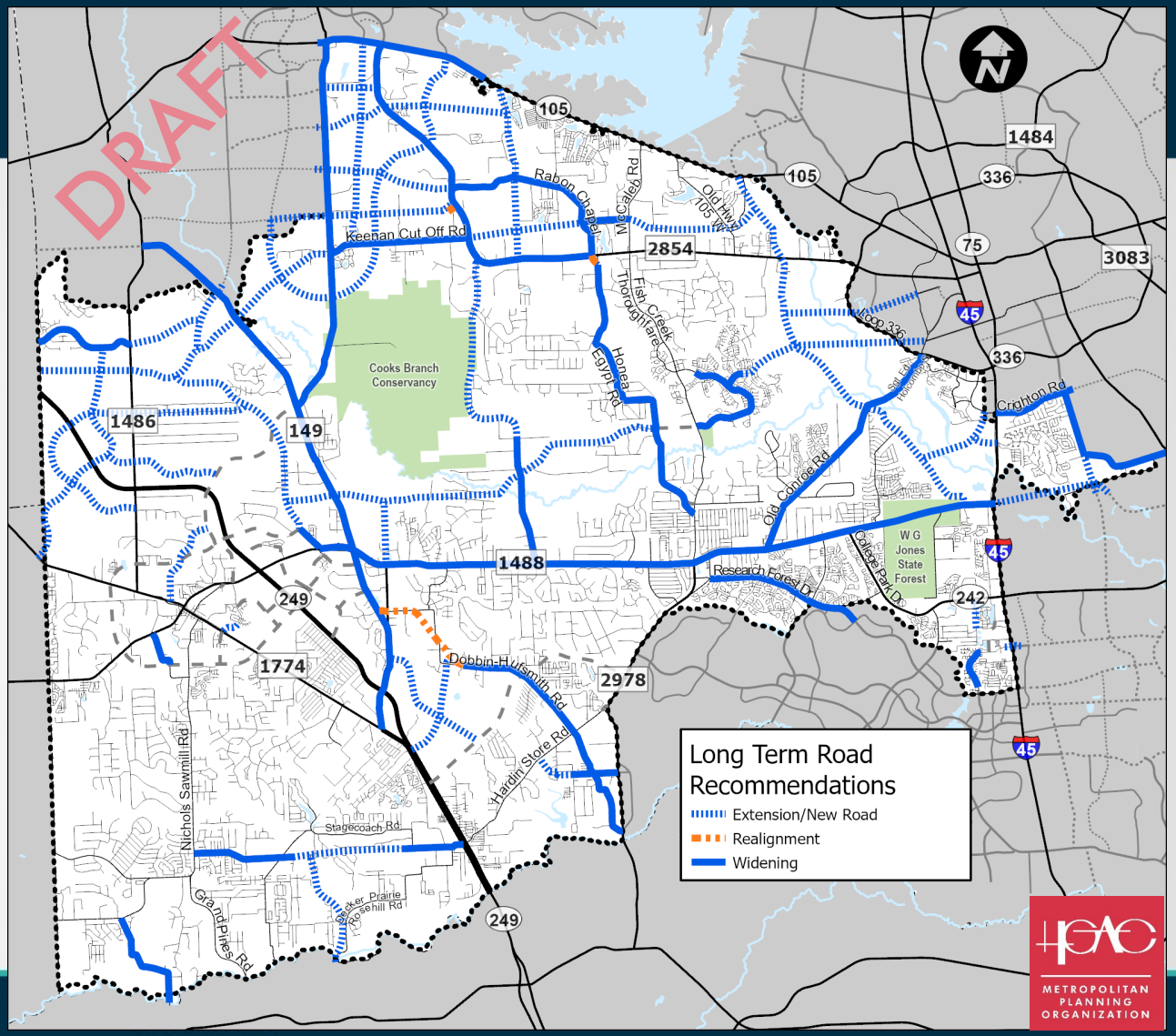
Short-Term (1-10 Years)

- Widen
- Extend
- New Roads
- Realign
- Corridor Signal Timing



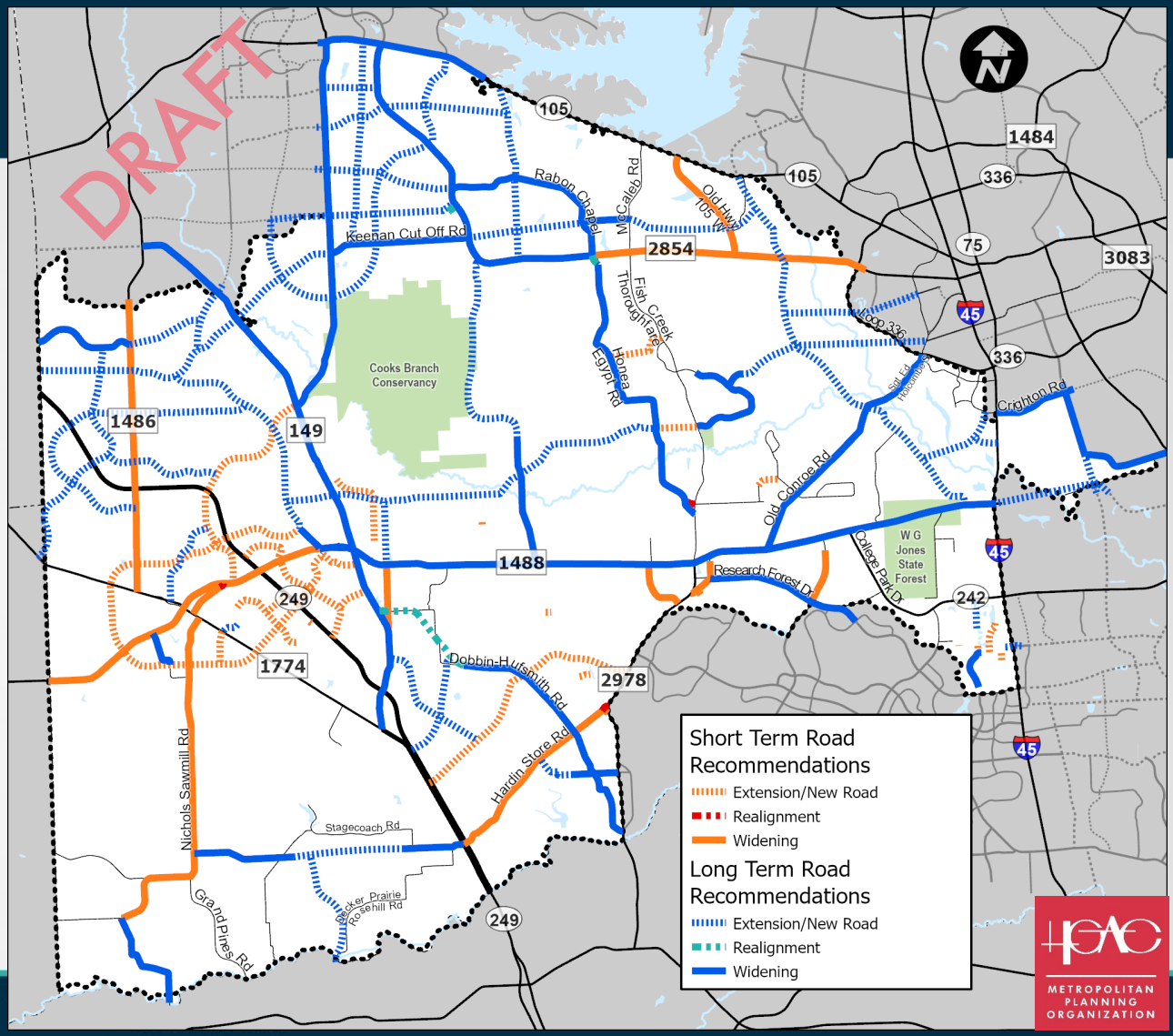
Long-Term (11+ years)

- Widen
- Extend
- New Roads
- Realign



New Network

- Widen
- Extend
- New Roads
- Realign





Intersection Recommendations

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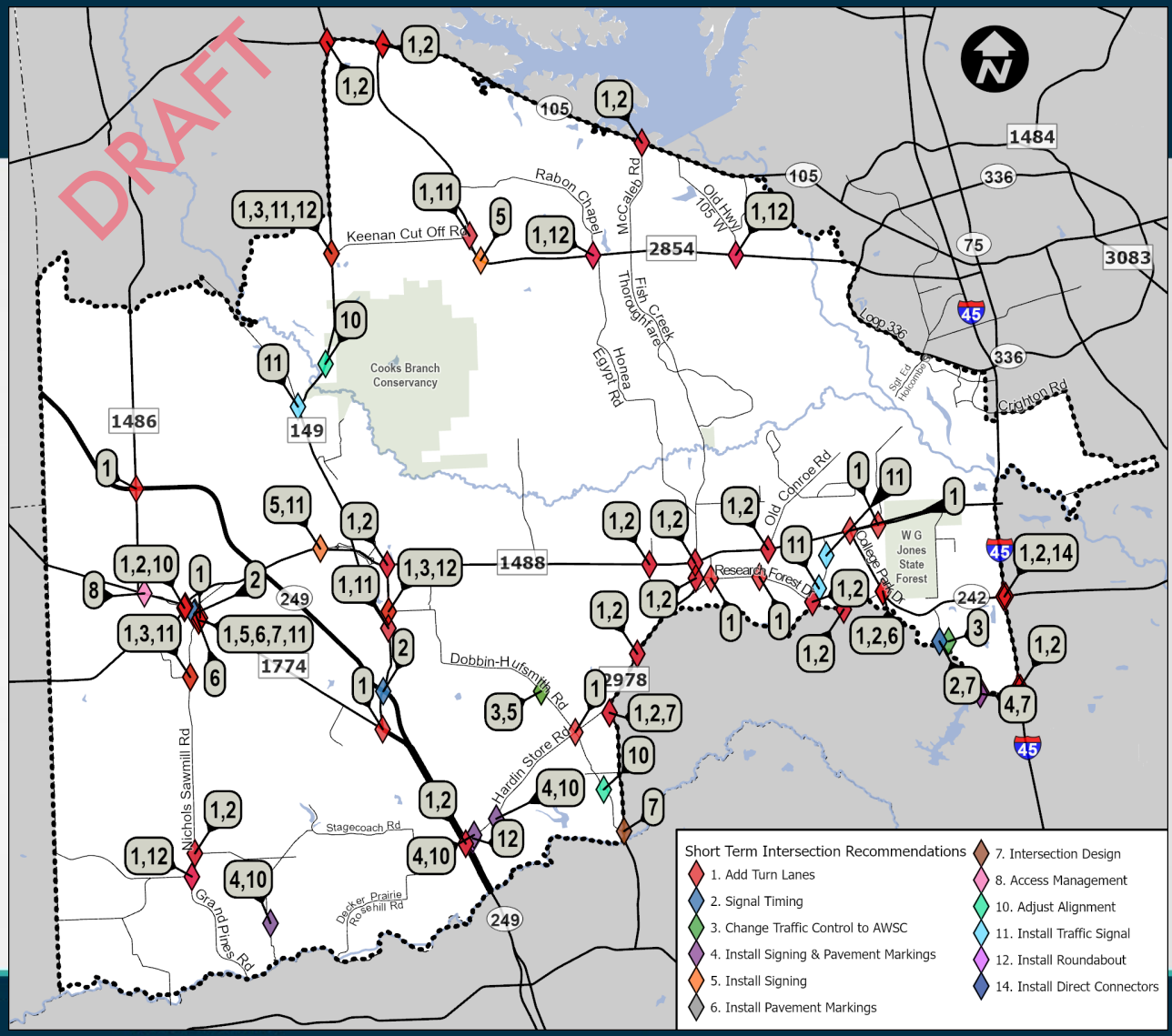
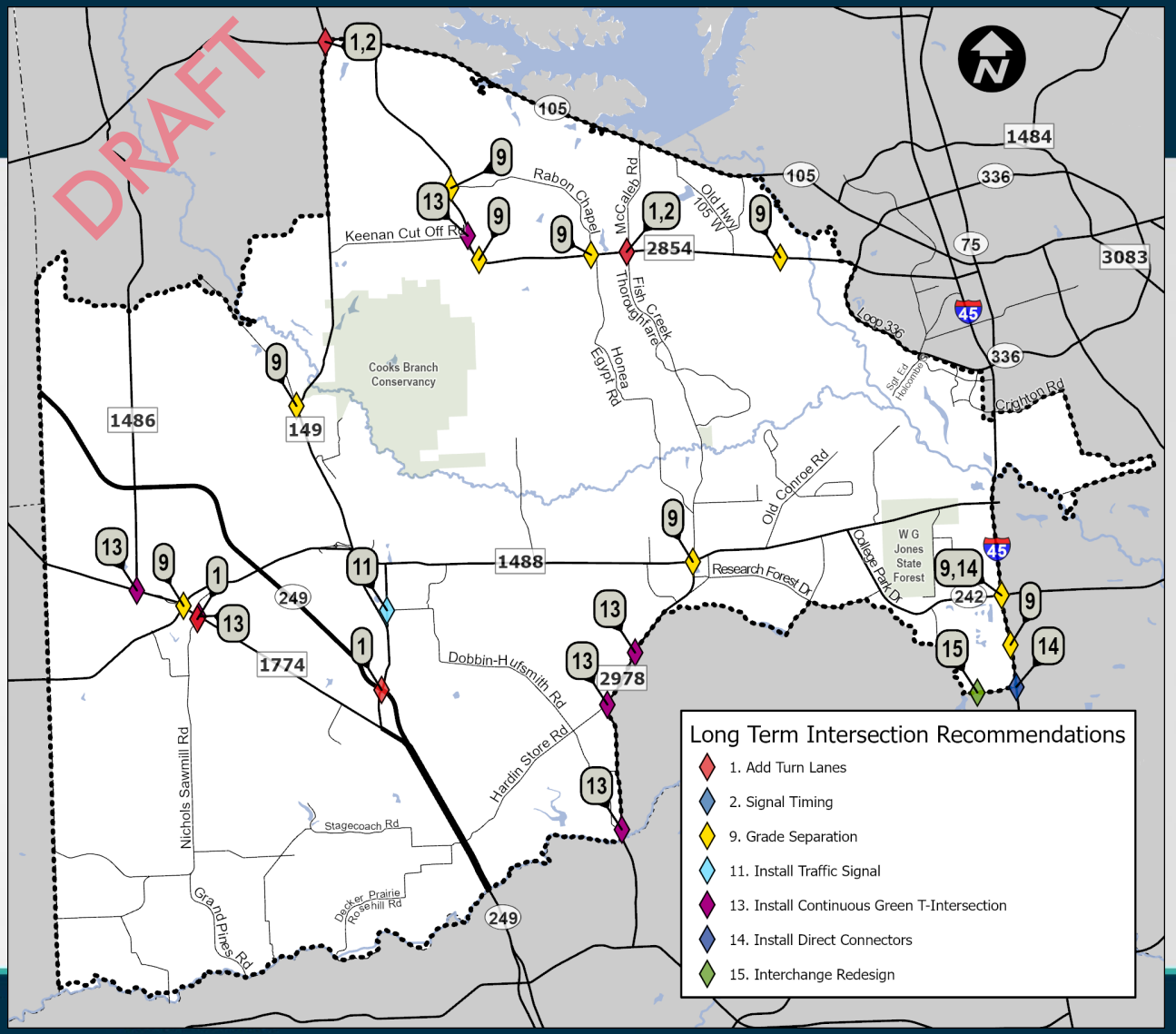
Short-Term (1-10 years)

- Add turn lanes
- Signal timing
- Change traffic control to AWSC (All Way Stop Control)
- Signing
- Pavement markings
- Intersection re-design
- Access management
- Roundabout
- Direct connectors



Long-Term (11+ years)

- Add turn lands
- Signal timing
- Grade separations
- Continuous Green-T
- Director connectors
- Roundabout
- New traffic signals
- Interchange redesign





Alternatives

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Base Network

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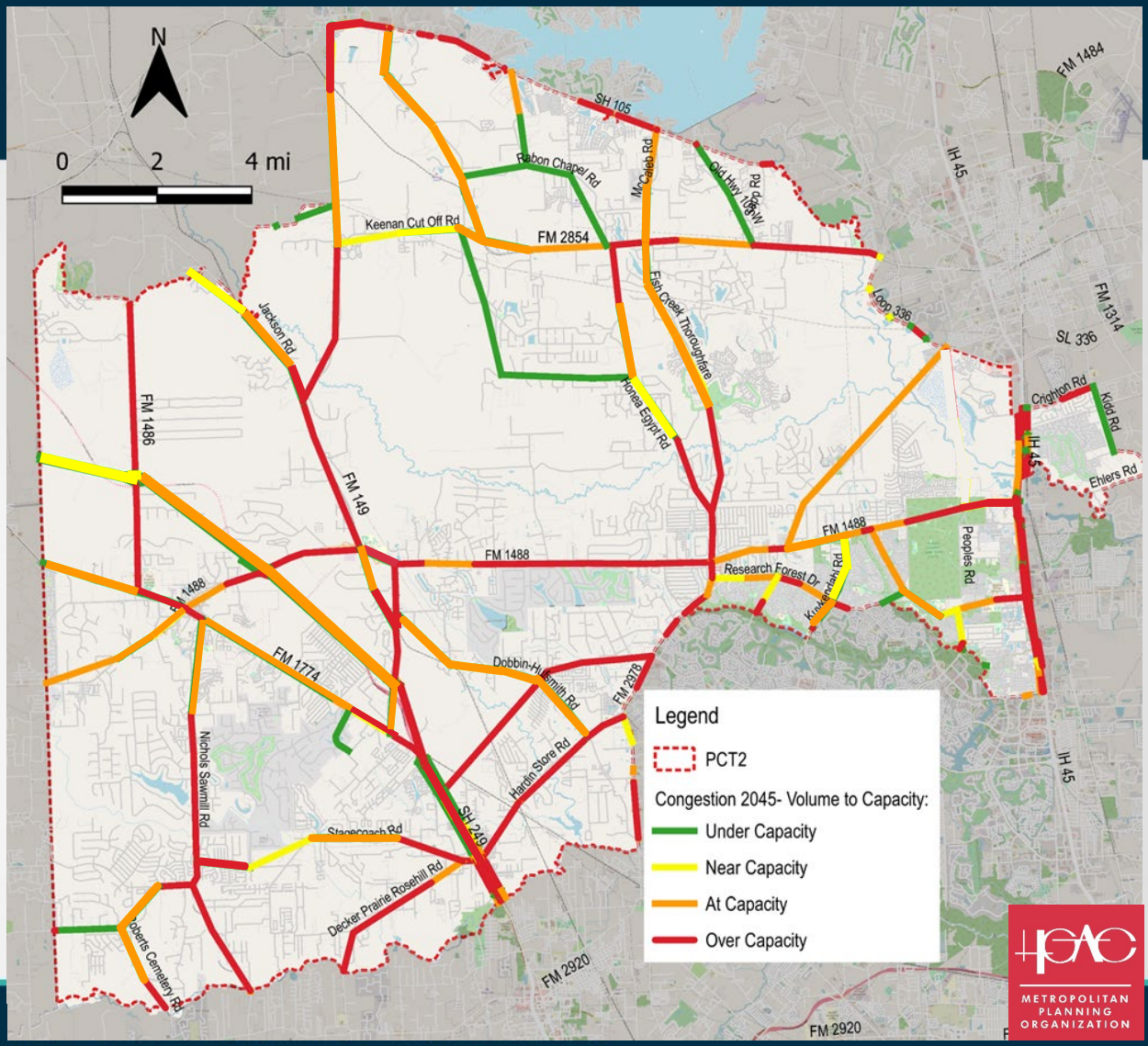
Base Network

- Existing roadway network + funded projects.
- Adds:
  - Old Conroe Road (Loop 336 to FM 1488)
  - Woodtrace Blvd. (FM 2978 to SH 249)
- Congestion: Major





Alternative 1

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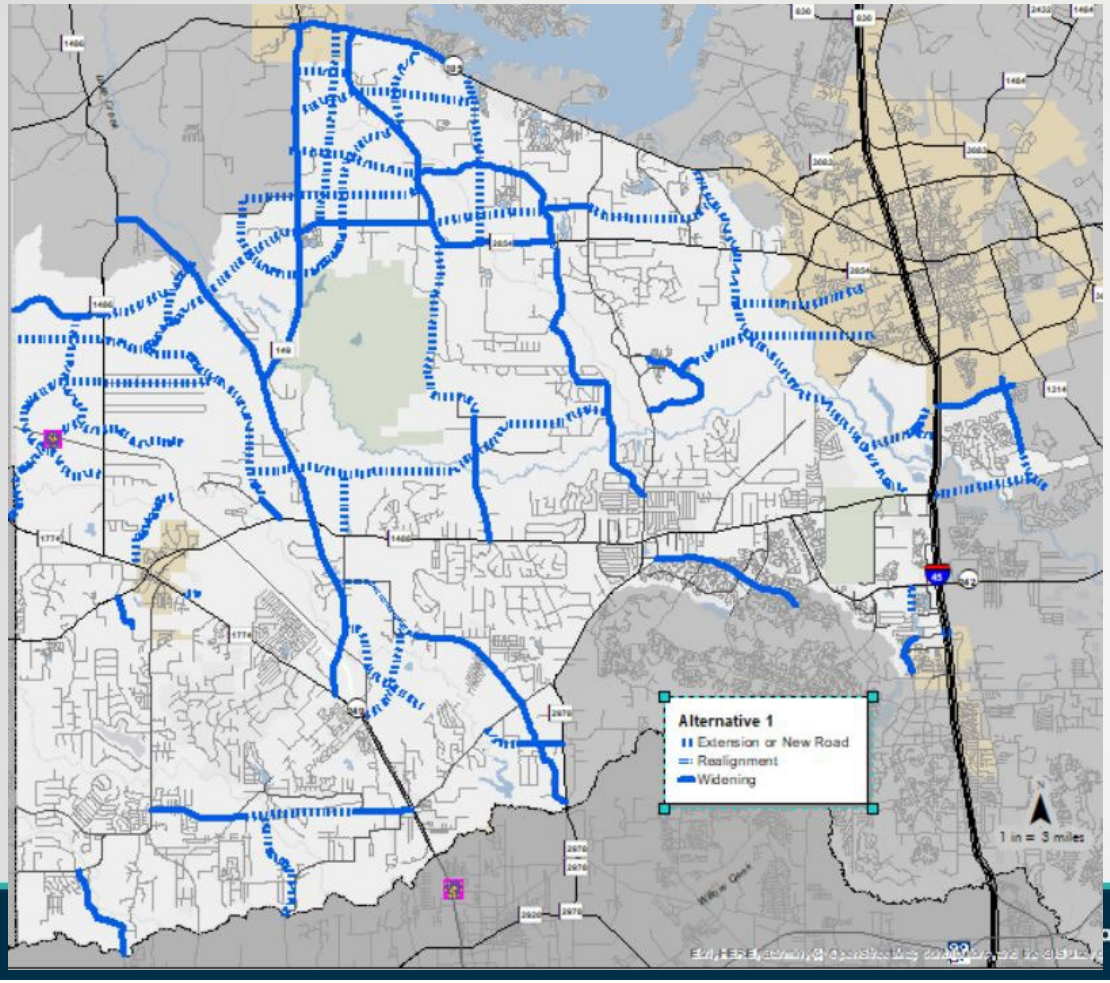
Alternative 1 - Analysis



- **Description:**
  - Existing roadway network + MP2 recommendations
  - Adds:
    - New roads: 245 miles
    - Widens existing roads
    - Extends existing roads
- **Benefits:**
  - Improves connectivity
  - Improves safety
  - Distributes traffic
  - Provides alternative routes
- **Cons:**
  - Roads located in floodplains

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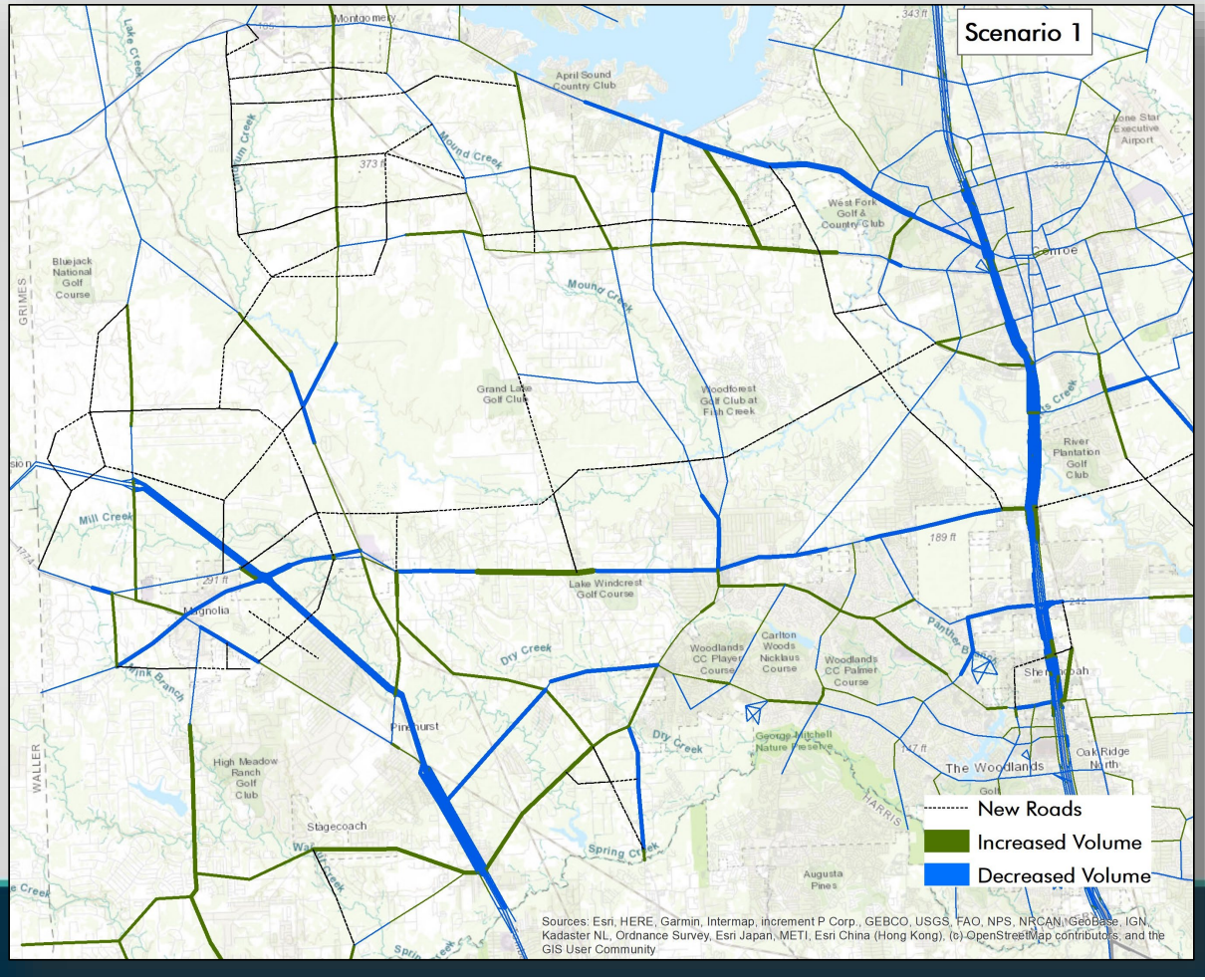
Alternative 1 – Volume Change

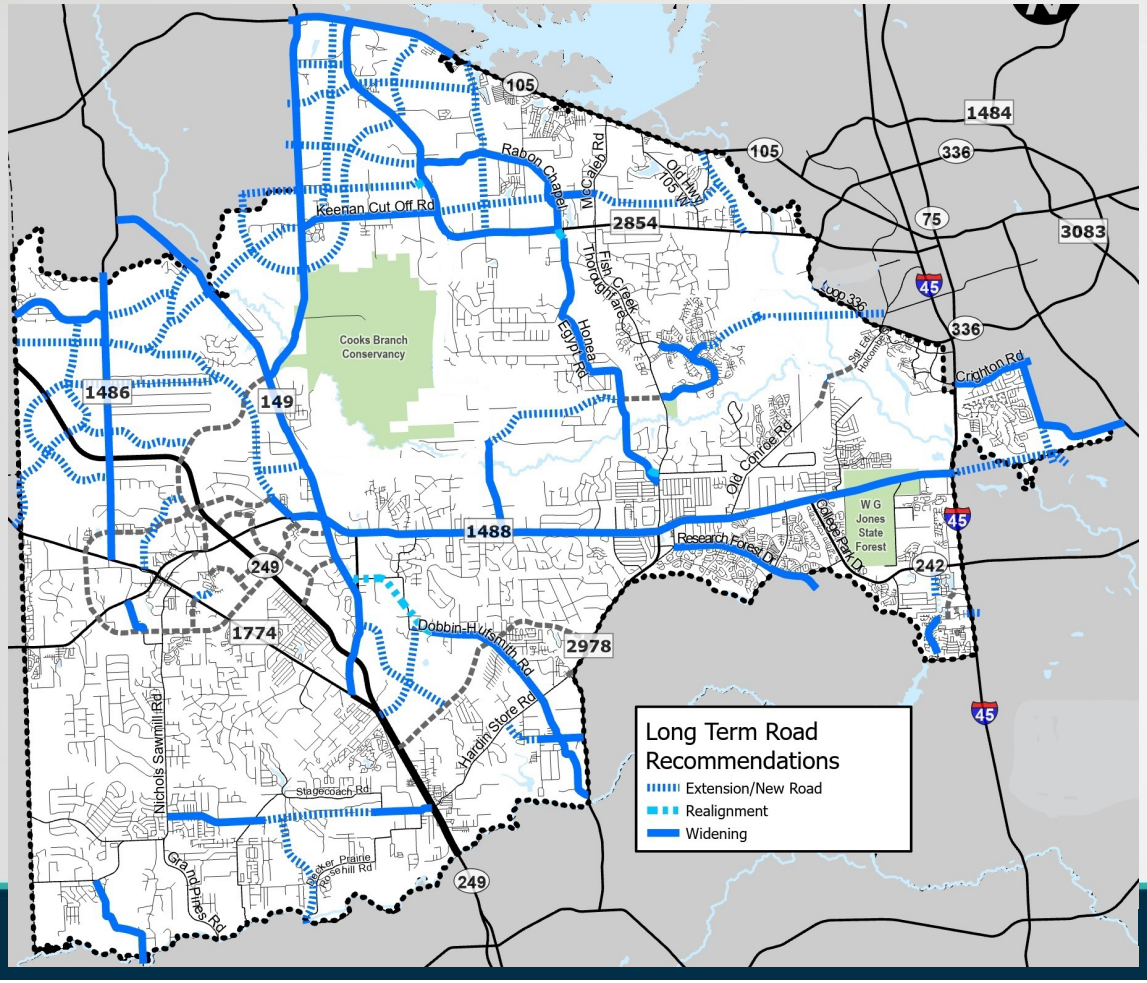




Alternative 2

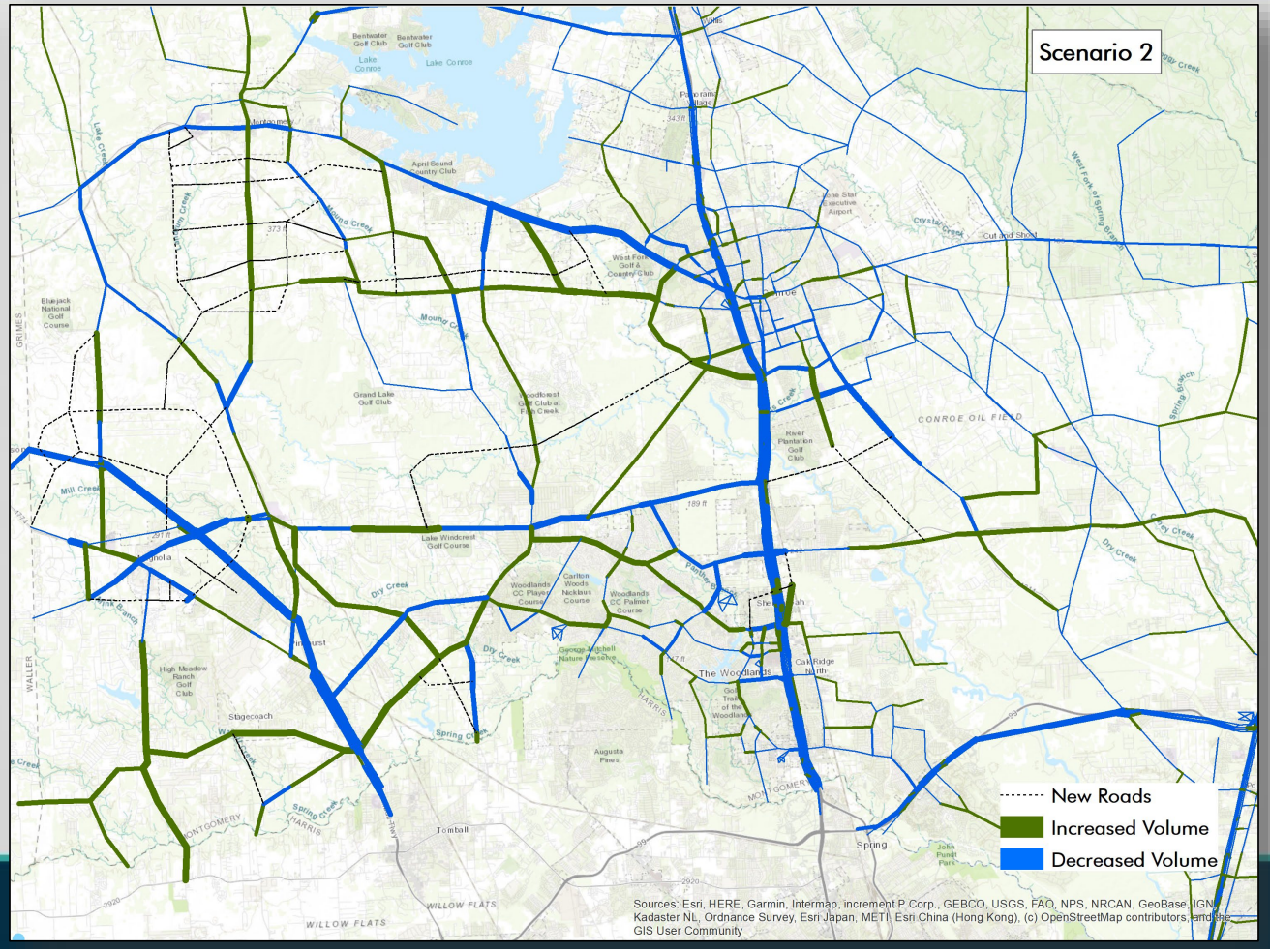
Regional Collaboration • Transportation Planning • Multimodal Mobility

Alternative 2 - Analysis



- **Description**
  - New Roads: 208 miles
  - Removes New Road 11 (Mansions Way extension) from FM 2854 to FM 1488
  - Removes Woodforest/Corrolla (Pal-Metta) extension from Superior to FM 149
  - Removes Spur 149 extension from FM 1488 to Woodforest/Corrolla
  - Remove Superior extension from Woodforest/Corrolla to Grand Lake Estates.
- **Benefits**:
  - Provides alternative route from Woodforest.
  - Provides alternative to FM 1488
- **Cons**: Compared to Alternative 1
  - Fewer alternatives to FM 1488
  - Fewer alternatives to Old Conroe Road
  - Fewer alternatives for Grand Lake Estates to access FM 1488
  - Eliminates alternative access to SH 105 from IH-45

Alternative 2 – Volume Change

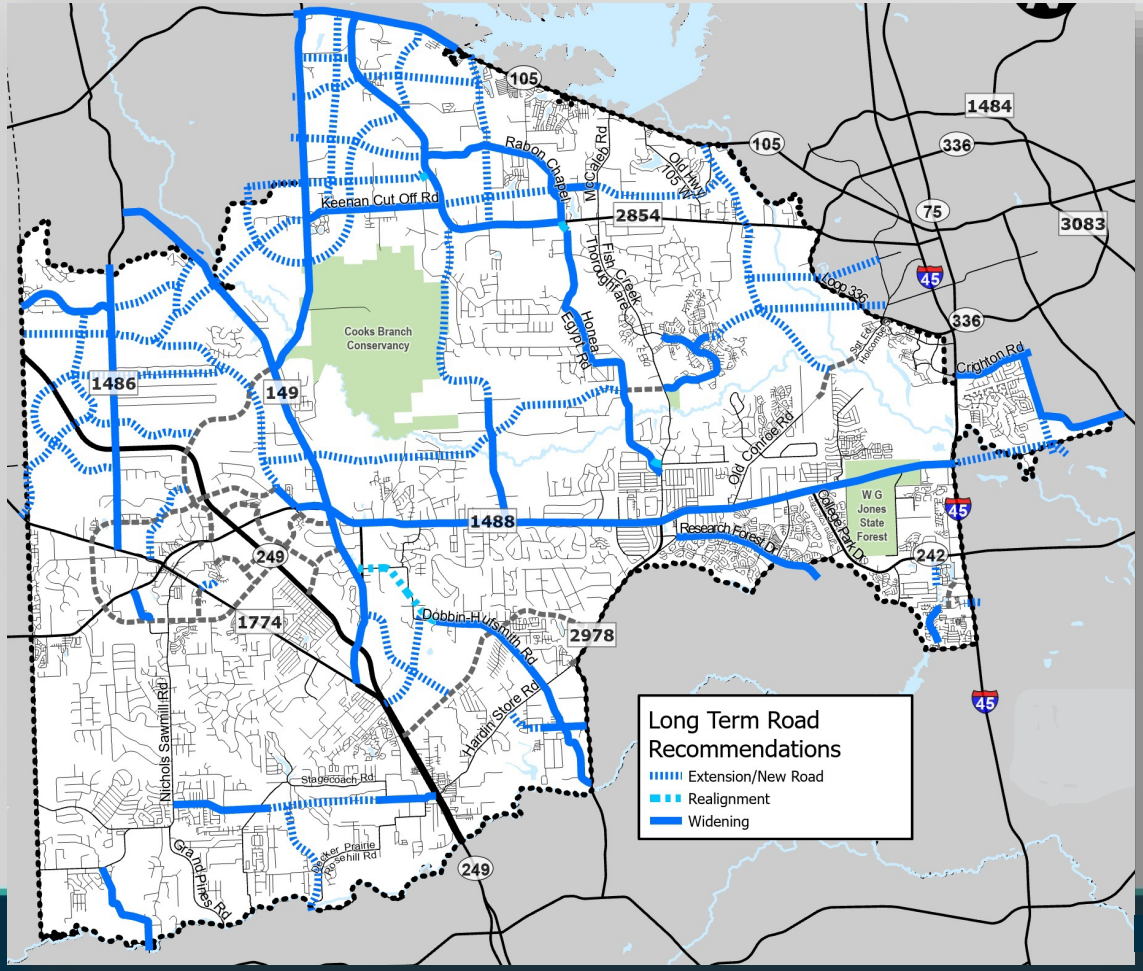




Alternative 3

Regional Collaboration • Transportation Planning • Multimodal Mobility

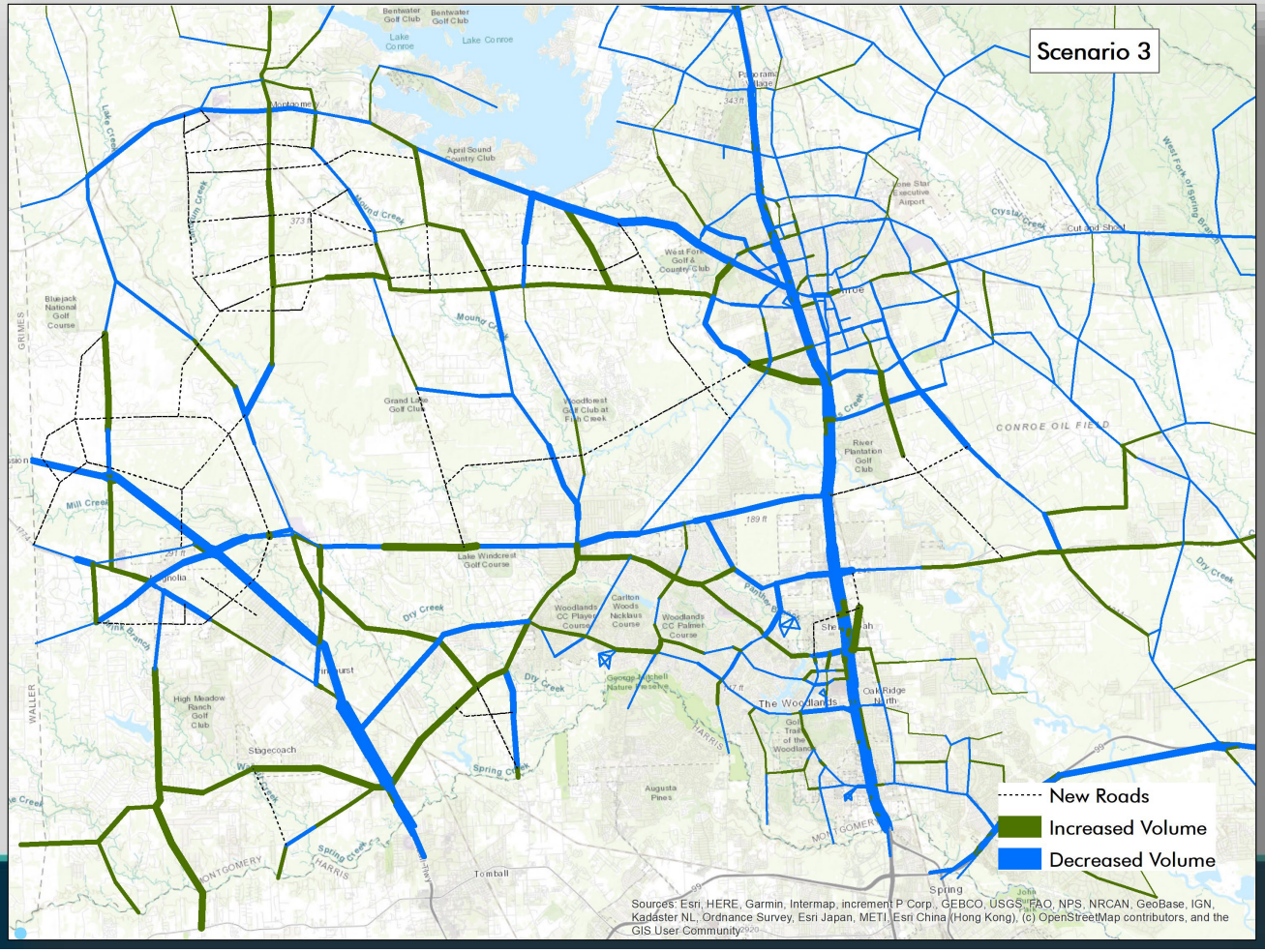
Alternative 3 - Analysis



- **Description**
  - New Roads: 221 miles

  Changes from Alternative 2
  - Adds New Road 11 (Mansions Blvd. extension) from FM 2854 to Old Conroe Road.
  - Extend Superior Road from Woodforest/Corrolla to Grand Lakes Estates Drive.
- **Benefits**: Relative to Alternative 2
  - Distributes traffic to Woodforest/Gladstell north to SH 105 and south to Old Conroe
  - Superior extension increases safety for residents by providing an alternative route.
  - Provides alternative route to FM 1488.
- **Cons**: Relative to Alternative 1
  - Increase congestion on Old Conroe from New Road11 to FM 1488
  - Increase congestion on FM 1488 from Old Conroe Road to Mansions Blvd.
  - Adds 5 miles to trip from Old Conroe Rd. to IH-45 at FM 1488

Alternative 3 – Volume Change



H-GAC METROPOLITAN PLANNING ORGANIZATION



Active Transportation

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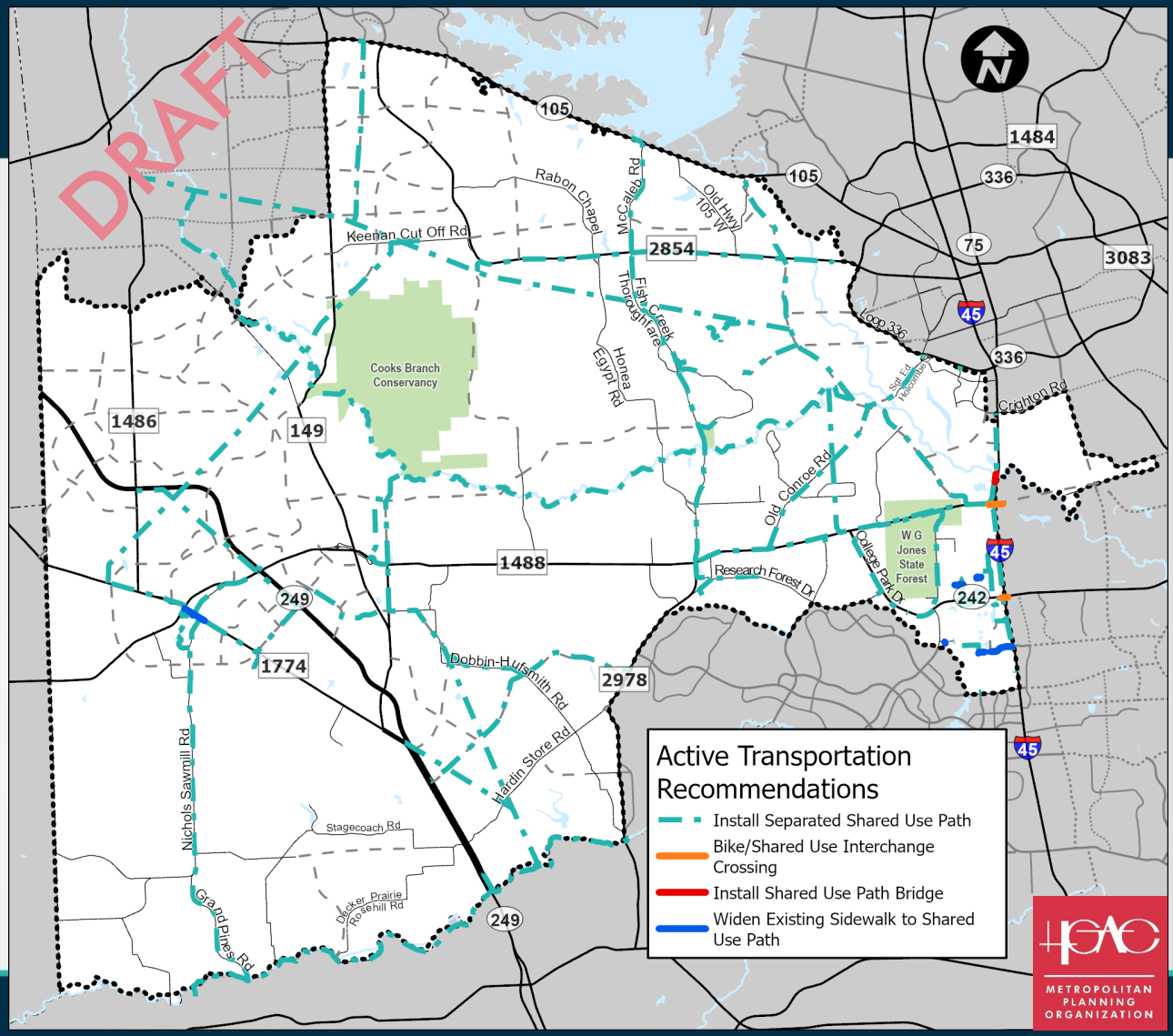
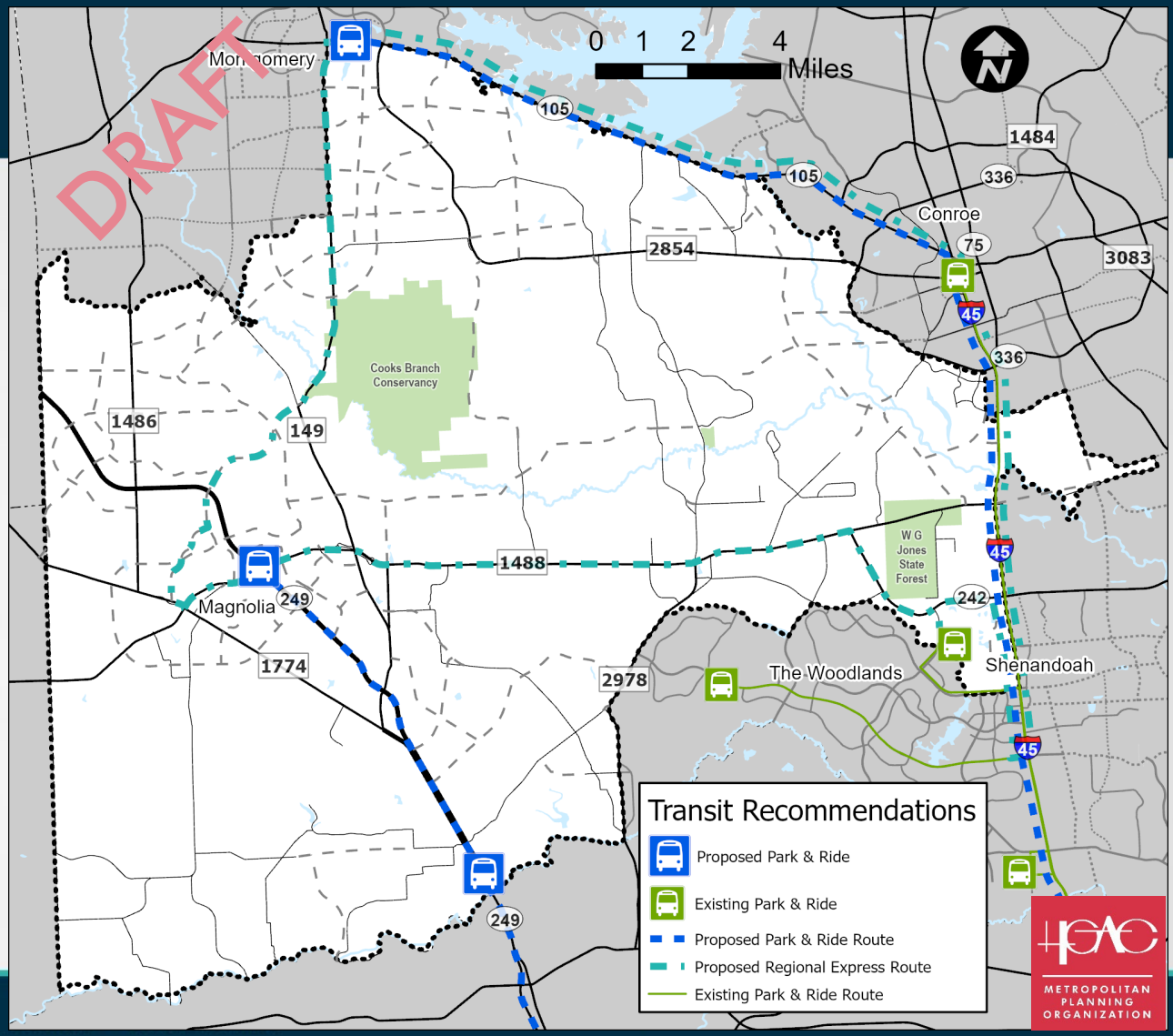
Active Transportation

- Shared use paths located in/adjacent to:
  - River, creeks, floodplain easements
  - Railroad easements
  - Adjacent to road
  - Utility easements
- Widen or extend existing sidewalks



Transit

- Park & Ride facilities near Magnolia and Montgomery
- Express route that connects Conroe-Montgomery-Magnolia-The Woodlands





Discussion

MP2 interactive map

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Next Steps

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Next Steps



- Finalizing Recommendations - May 2022
- Steering Committee Meeting – Early Summer 2022
- Public meeting – Summer 2022
- Final report - Fall 2022

THANK YOU!



- **Carlene Mullins – Project Manager**
  Carlene.Mullins@h-gac.com
- **Justin Kuzila – Project Planner**
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

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H-GAC METROPOLITAN PLANNING ORGANIZATION

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

CONROE FOCUS GROUP MEETING – MEETING SUMMARY

MAY 4, 2022 2:00-3:00 PM

Attendees:

Carlene Mullins	Justin Kuzila	Tommy Woolley
Catie Reid	Maris Leon	
Dana Berry	Paul Virgadamo	

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Project overview and study area
    - Project schedule
    - New/proposed developments
    - Barriers
    - 2045 No Build Network
3. Road Network Recommendations
    - Safety Recommendations (0-1 year)
        - Restriping on Crighton – asked if has been done in last few months. Conroe confirmed has not.
        - Street lighting - County does not install
            - Comment: City of Conroe does install streetlights
    - Short-Term (1-10 years)
    - Long-Term (11+ years)
        - More east-west/north-south roadways
            - E.g., Woodforest/Corrolla, New Road 11
            - Challenging with so much existing development
            - Fewer new roads on east side of Precinct 2
        - New Road 11 route altered based on Steering Committee input
    - New Network – preserve ROW for future
4. Intersection Recommendations
    - Short-Term (1-10 years)
    - Long-Term (11+ years)
5. Chosen Alternative
    - Hybrid of original alternatives presented to Steering Committee
        - Took out or altered alignment of some roadways
    - Most of recommendations on west side come from Montgomery County Major Thoroughfare Plan – some minor modifications made
    - Question: Where does New Road 11 hit SH 105?
        - Around existing Sapp Rd.

6. Transit Recommendations
    - 3 proposed Park & Ride locations near Magnolia and Montgomery
    - Express route connecting Conroe-Montgomery-Magnolia-The Woodlands
    - Comment: City of Conroe is eliminating carpool lot at Gladstell (not being utilized for carpool – instead used for 18 wheeler parking). Existing Park & Ride to remain.
7. Active Transportation Recommendations
    - Separated shared use paths proposed along roadways, utility easements, railroad easements, waterways, etc.
    - Widen or extend existing sidewalks to accommodate cyclists
    - Comment: City of Conroe recently finished study on hike & bike trails. TxDOT is putting in "Share the Road" signs on FM roads near Conroe.
8. Discussion
    - Comment: There is a development planned along north side FM 2854 west of Old Highway 105 (east of McCaleb Rd/Fish Creek Thoroughfare) where proposed Keenan Cut Off extension is located.
        - Question: Is Keenan Cut Off on MTFP?
            - It is on Montgomery County MTFP, but not on City of Conroe MTFP. Called "Fallin" on MTFP.
        - Comment: New development being voluntarily annexed into City of Conroe ETJ for use of water and sewer.
        - May have to re-plat if lot size requirements are altered. Can mention MTFP and potential redesign so roadway can pass through development.
    - Comment: You can see a lot of the barriers from San Jacinto and other waterways.
    - Comment: Biggest task for City of Conroe is progressing Old Conroe Rd. Several hurdles going through TxDOT due to federal funding.
    - Question: New Rd 6 – where is that connecting?
        - Will connect to Anderson Rd
        - Woodforest Extension will connect to Gladstell
    - Question: Is study just for Precinct 2?
        - Response: Yes
9. Next Steps
    - Finalize recommendations – May 2022
    - Stakeholder Group Meetings – May 2022
    - Steering Committee Meetings – Early Summer 2022
    - Public Meeting – Summer 2022
    - Final Report – Fall 2022
10. For more detailed information and to view exhibits, see presentation slides.
    - Mobility study interactive map: https://experience.arcgis.com/experience/2e40e212a6cc40f0b548761d24fa34f8/

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

SHENANDOAH FOCUS GROUP MEETING – MEETING SUMMARY

MAY 4, 2022 10:00-11:30 AM

Attendees:

Allie Isbell	Jackie Thompson	Justin Kuzila
Carlene Mullins	Jennifer Steen	Kathie Reyer
Catie Reid	John Mayner	Rual Porras
Derek Wind	Joseph Peart	

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Project overview and study area
    - Project schedule
    - New/proposed developments
    - Barriers
    - 2045 No Build Network
3. Road Network Recommendations
    - Safety Recommendations (0-1 year)
        - Restripe Grogan's Mill to be double yellow marking (existing is single yellow stripe)
    - Short-Term (1-10 years)
    - Shenandoah Short-Term:
        - Pine Forest Extension – improve resiliency, reduce I-45 dependence, better access to schools and medical, reduce traffic on Grogan's Mill
            - Comment: current City Council opposed
            - Comment: saw issues during Hurricane Harvey which would have been alleviated by extension
            - When future I-45 construction starts, there will be regional traffic issues in Shenandoah
    - Long-Term (11+ years)
        - More east-west/north-south roadways
            - E.g., Woodforest/Corrolla, New Road 11
            - Challenging with so much existing development
            - Fewer new roads on east side of Precinct 2
    - Shenandoah Long-Term
        - Widen Grogan's Mill to 4 lanes
        - Grade separation at Vision Park & I-45
            - Comment: flyover removed from MTFP

        - Comment: City Council does not want an increase in traffic on Grogan's Mill
        - Comment: Residents concerned about more incoming traffic to region
    - New Network – preserve ROW for future
4. Intersection Recommendations
    - Short-Term (1-10 years)
        - Research Forest at Grogan's Mill
            - Received comments from working group & several recommendations have been made
            - Some recommendations already implemented – cleared vegetation, added signage, improved pavement markings, reflective backplates, louvered signal heads
            - Comment: Existing right turn bay in southwest corner is the smallest at intersection. Extending that eastbound right turn lane would make a huge impact.
            - Comment: Planning to add channelized right turn in northeast corner. Adding acceleration lane for existing channelized right turn in northwest corner up to guardrails for bridge.
    - Long-Term (11+ years)
5. Chosen Alternative
    - 20-30 years expected for total completion
    - Recommendations – may not be constructed as shown or constructed at all
6. Transit Recommendations
    - 3 proposed Park & Ride locations near Magnolia and Montgomery
    - Express route connecting Conroe-Montgomery-Magnolia-The Woodlands
    - Question: Will there be a stop in Shenandoah for express route?
        - Depends on demand. Preliminary recommendation and routes/stops not decided.
        - Could potentially have stop without parking along route.
    - Comment: Shenandoah has discussed potential shuttle service to airport, etc. to be looked at.
    - Comment: Mesquite area used high school football stadium parking as shuttle stop M-F. Could identify and use similar locations in this area for express route or P&R.
7. Active Transportation Recommendations
    - Separated shared use paths proposed along roadways, utility easements, railroad easements, waterways, etc.
    - Widen or extend existing sidewalks to accommodate cyclists
    - No comments/questions
8. Discussion
    - Question: Who do H-GAC recommendations from this project go to?
        - Response: For Commissioner Riley. Recommendations provided to county or cities to incorporate into their CIP. Sub-regional studies help to understand need for project when receive requests for funding.

    - Helpful to have any future projects that may want – not a guarantee that they will be constructed.
- Question: Do projects score higher in the TIP Call for Projects if included in a sub-regional plan?
    - Response: Projects that have already been looked at and approved as a part of study do receive a point.
- Question: If H-GAC funds project through TIP, does it have to follow TxDOT standards (ROW, bike/ped component)?
    - Response: Yes, because federal funding used.
- Question: Have you met with North Houston Association (NHA)? Do recommendations match?
    - Response: Yes, they have been involved. Projects do match.
- Question: Is study for all precincts, or just Precinct 2?
    - Response: Just for Precinct 2. Look at adjacent areas, but don't collect data there as a part of study. Have reached out to agencies outside study area (other Montgomery County precincts, Waller County, Harris County, City of Houston, etc.). Study is not in a vacuum.
- Question: What is process to request a similar study?
    - H-GAC Unified Planning Work program
    - Next opportunity with call for requests will be in about a year
- Question: Can you describe the process to make the recommendations? Traffic counts, accident reports, resident feedback?
    - All of the above are included. Meet with cities to ask what regional issues are. Traffic counts, corridor studies, origin-destination studies performed. Look at previous studies. Combine and present to public. Develop network and model. Use as tool to help make recommendations. Present again to public and develop final recommendations.
- Question: How do you get information on proposed developments? Only already announced developments or on the ground working?
    - Yes, majority are developments already announced/discussed with Precinct 2 or County. Manual process to get information.
- Question: Has school traffic been considered, especially since new schools will probably be needed with new developments?
    - Yes, school districts are included in the stakeholder meetings. Asked what their needs are to improve bus route efficiency.
- Comment: There is resistance in community to some of recommendations. People don't want traffic when they are in their backyard but may appreciate when in their car. To convince them that recommendation is the

best solution, need to show that to solve the problem, the other alternatives considered were not as good or don't work.
    - Question: Will alternatives be shared?
    - Response: Some will be included in the study report. Can potentially have meetings with community or HOA for specific issue.
    - Sometimes extensions can take traffic away from an area.
  - Comment: Keenan Cut-Off overpass has been a huge improvement for safety.
  - Comment: Can see overpass at Vision Park bring some traffic away from Grogan's Mill, but also bringing additional traffic to corridor for those trying to avoid I-45 at Research Forest interchange. Pros and cons to every option.
  - Comment: Not a lot of parallel roads to provide route alternatives in this region. If there is an issue on I-45, can cause major issue.
  - Questions: What are some of the expected modifications to I-45?
    - Response: PEL study is ongoing and has not yet presented recommendations
  - Question: Will the study be published?
    - Response: Yes, the mobility study will be available online. Alternatives looked at, why some were eliminated, traffic data collected, etc. will be included in appendices.
  - Question: Will an effort be made to present study to City Council?
    - Yes, H-GAC staff could come to council meeting and provide presentation
  - Question: Vision Park Roundabout – was it planned to have north-south road connected on north side of roundabout?
    - Road was originally programmed in the past, but city council approved putting neighborhood and preventing roadway from going in. Probably about a 10' strip left.
    - Could a shared use path be added?
  - Question: Does TxDOT have standard distances between overpasses?
    - Not sure – may depend on benefit/cost analysis or installing
    - Note: From AASHTO "A Policy on Geometric Design of Highways and Streets", typical interchange spacing is 1 mile for urban areas, and 2 miles for rural areas.
  - Comment: Grogan's Mill, which has incorrect striping is County owned
9. Next Steps
  - Finalize recommendations – May 2022
  - Stakeholder Group Meetings – May 2022
  - Steering Committee Meetings – Early Summer 2022
  - Public Meeting – Summer 2022
  - Final Report – Fall 2022
10. For more detailed information and to view exhibits, see presentation slides.

SHENANDOAH FOCUS GROUP MEETING – MEETING SUMMARY
MAY 4, 2022 10:00-11:30 AM

- Mobility study interactive map: https://experience.arcgis.com/experience/2e40e212a6cc40f0b548761d24fa34f8/

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

MAGNOLIA FOCUS GROUP MEETING – MEETING SUMMARY

MAY 5, 2022 2:00-3:00 PM

Attendees:

Carlene Mullins	Don Doering	Lori Sanguedolce
Catie Reid	Justin Kuzila	Mike Kurzy

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Project overview and study area
    - Project schedule
    - New/proposed developments
        - Study requested by Commissioner Riley due to high expected growth in regional development
    - Barriers
        - Important to preserve ROW for future roads before development goes in
    - 2045 No Build Network
        - Includes already programmed roadway projects including Old Conroe Rd
3. Road Network Recommendations
    - Safety Recommendations (0-1 year)
        - Magnolia area recommendations include:
            - FM 1488 – share the road signs, resurfacing, etc.
            - FM 149 – rumble strips
    - Short-Term (1-10 years)
        - Magnolia:
            - Widen Nichols Sawmill Rd and FM 1486
            - Several new roads proposed
    - Long-Term (11+ years)
        - Magnolia:
            - Mostly new roads
            - Many are from Montgomery County Major Thoroughfare Plan
            - Hope that Magnolia will follow MTFP in developments
                - Have developers donate ROW or build new roads themselves
                - Get ROW now while it is less expensive
    - New Network
        - Many new roads in Magnolia area
        - Other areas:

- New Road 11 near Conroe – will function similar to an outer loop, relieve some congestion on I-45 and SH 105
- Link between Honea Egypt and Superior Rd

4. Intersection Recommendations
    - Short-Term
        - Magnolia:
            - Adding right/left turn lanes
            - FM 1774 at FM 1488
                - Some recommendations on east side of railroad tracks
                - Possible closure of road south of FM 1488 (Melton St)
                    - May have been done before but not popular
                    - Would improve safety and overall efficiency of intersection
                    - Could acquire more ROW to alter alignment
                    - Mike & Don recommend closing access to Melton at Buddy Riley
                - Comment: Buddy Riley Blvd at Melton St is bad intersection
                    - Worse than Melton at FM 1774
                    - FM 1774 at Buddy Riley backs up & can block intersection
                    - School traffic takes forever to clear out
                    - Short cycle length for traffic signal
                        - May be helpful to adjust cycle length/splits to provide more green time for Buddy Riley St at certain times of day
            - Nichols Sawmill Rd at Commerce St
                - Provide median as refuge to allow two-stage left turns from Commerce St without blocking traffic on Nichols Sawmill
                - Comment: Could force drivers to turn right only – has been discussed by City of Magnolia
                - Alternative solutions could include access management options such as right-in/right-out only, or other turn restrictions
            - Nichols Sawmill at Grand Pines – roundabout recommended
            - FM 1774 at Magnolia West High School (near FM 1486) – access management recommendations
    - Long-Term
        - Magnolia:
            - FM 1774 at FM 1488 – overpass recommended over railroad
            - FM 1774 at FM 1486 – continuous green T intersection
5. Chosen Alternative
    - Recommendations adjust based on input from steering committee – some options deemed too expensive due to flood plain and other barriers
    - Not possible to have alternative to FM 1488

- Comment: The road widening recommendations will help relieve some of the congestion
- Difficulty adding new east-west or north-south corridors through region
  - Comment: Cost prohibitive to buy the needed ROW

6. Active Transportation Recommendations
   - Separated shared use paths proposed along roadways, utility easements, railroad easements, waterways, etc.
   - Widen or extend existing sidewalks to accommodate cyclists
   - No comments/questions
7. Transit Recommendations
   - 3 proposed Park & Ride locations near Magnolia, Montgomery and north of Tomball
   - Express route connecting Conroe-Montgomery-Magnolia-The Woodlands
   - No comments/questions
8. Discussion
   - Comment: City of Magnolia is bringing up transportation study to City Council; should be starting soon if approved by council
     - Would be helpful to get traffic counts, expected population growth, etc. to supplement City study
     - City of Magnolia is expecting about 28,000 connections through the area in the next 10-15 years
     - City is adding 100 connections a month right now
     - Do not currently have the roadway network to support growth
     - Mike likes what he sees in recommendations – Nichols Sawmill is busy road, FM 1488 is busy - being worked on by TxDOT, FM 1774 next issue, grade separation at intersection of FM 1488 at FM 1774 will make a big difference
   - Magnolia Relief Route
     - Northern part has been planned & in the works
     - Recommendations show loop continuing around
     - Route is on MTFP
     - Question on who needs to acquire ROW for route
       - May be Precinct 2 or City
   - Connect neighborhood roads to SH 249 – will help with school bus routes
   - Question: What is the next step for the study?
     - These are just recommendations. It is up to County and cities to implement. Information provided to verify that does not conflict with City plans.
     - May need to partner with Precinct 2 or TxDOT
     - Can use TIP/federal funding/local match

- Question: Who owns Nichols Sawmill Rd – county or shared city/county? Where can info to verify ownership be found?
  - Owned by County. Precinct 2 will have information on roadways maintained by County.

9. Next Steps
   - Finalize recommendations – May 2022
   - Stakeholder Group Meetings – May 2022
   - Steering Committee Meetings – Early Summer 2022
   - Public Meeting – Summer 2022
   - Final Report – Fall 2022
10. For more detailed information and to view exhibits, see presentation slides.
    - Mobility study interactive map: https://experience.arcgis.com/experience/2e40e212a6cc40f0b548761d24fa34f8/




Montgomery County Pct. 2 Mobility Study
City Focus Group Meeting - Magnolia




Carlene Mullins, H-GAC
May 5, 2022

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H-GAC METROPOLITAN PLANNING ORGANIZATION

Agenda

1. Welcome
2. Study Overview
3. Road Network Recommendations
5. Transit Recommendations
6. Active Transportation Recommendations
7. Discussion
8. Next Steps

Introductions

H-GAC

- Carlene Mullins – Project Manager
- Allie Isbell – Deputy Project Manager
- Justin Kuzila – Project Planner

Gunda Corporation

- Lokesh Vijayagopal – Project Manager
- Catie Reid – Task Lead



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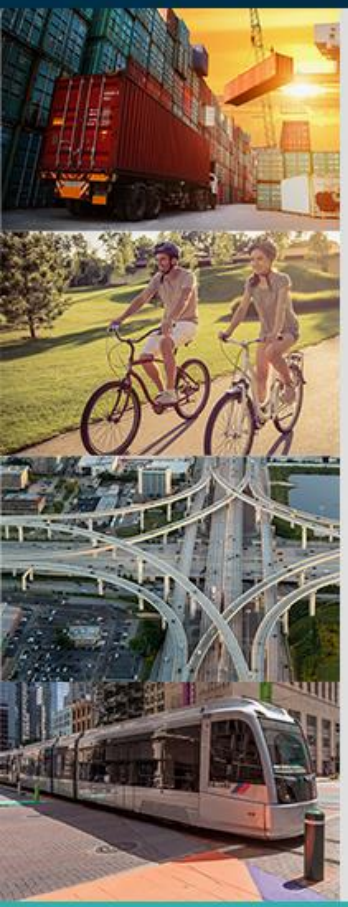

Study Overview

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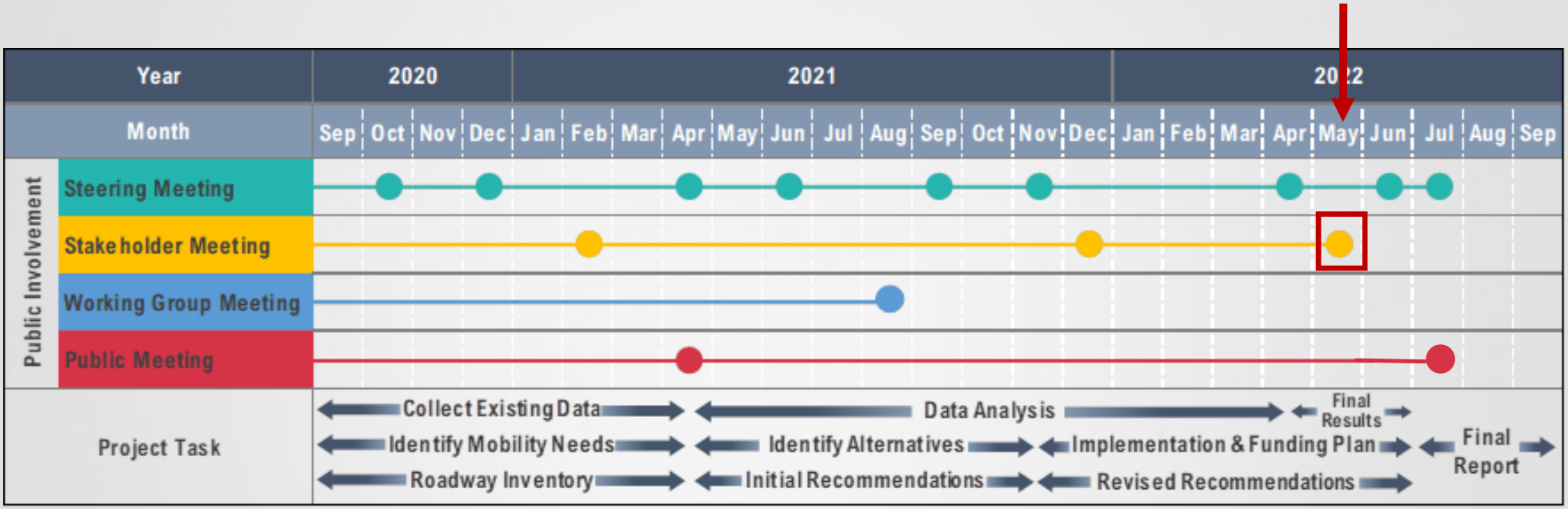
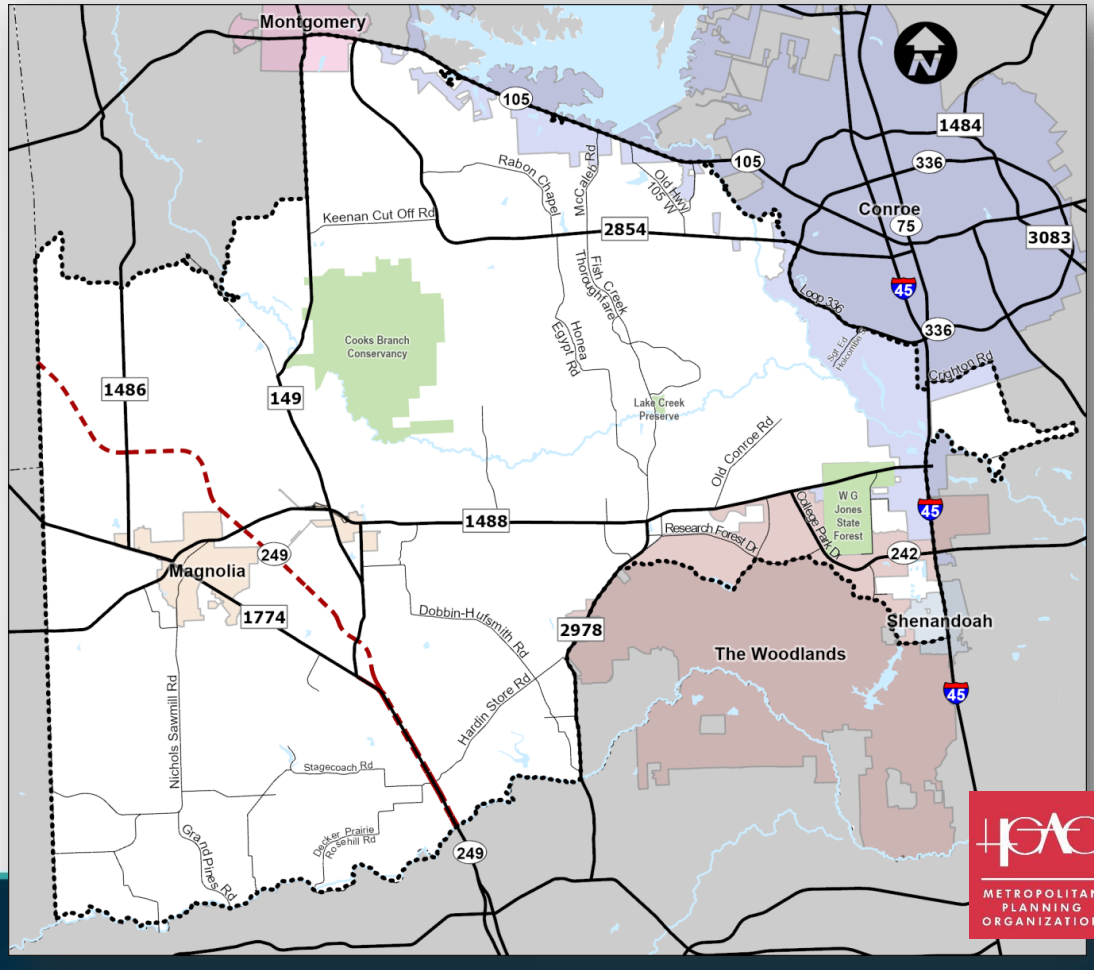
Project Schedule

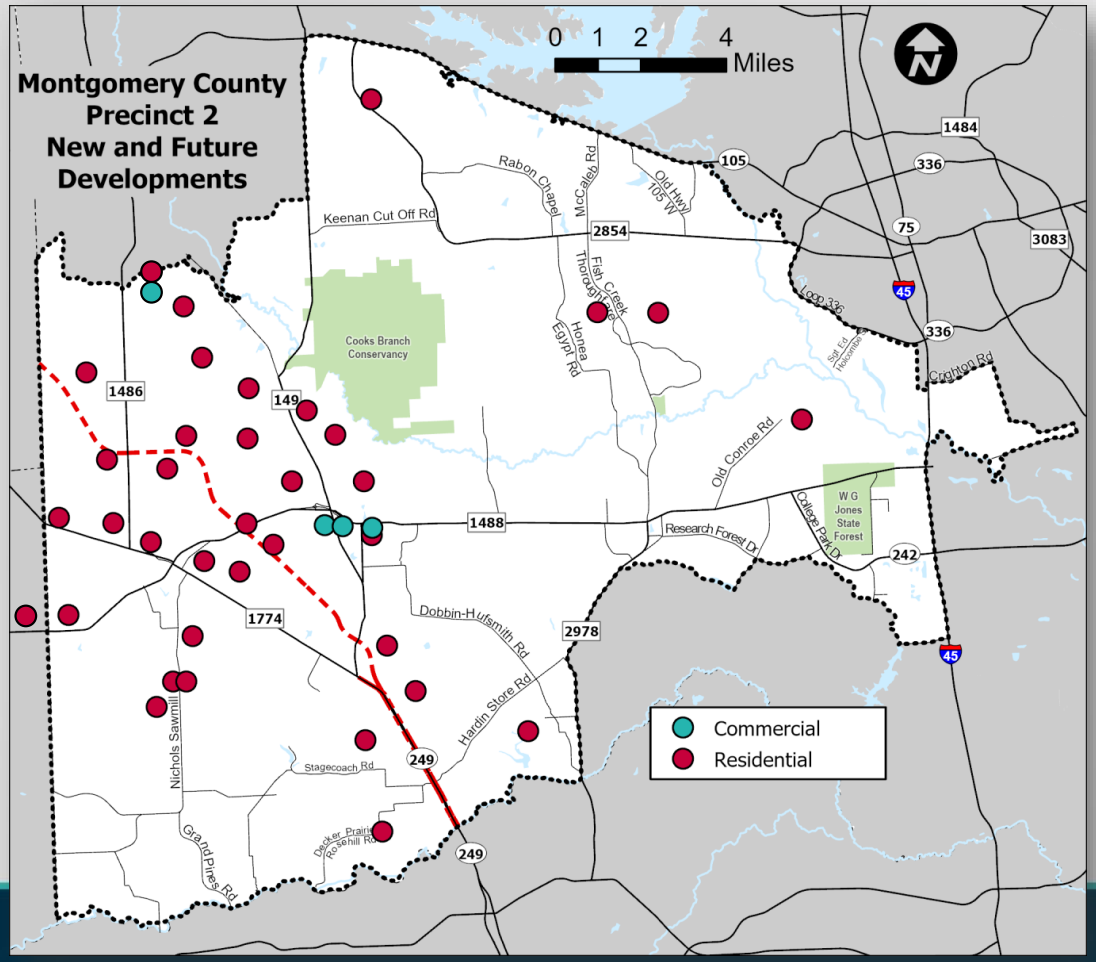


Project Overview and Study Area

- **Purpose**
  - Develop a safe, well-connected and efficient multi-modal transportation system.
  - Promote orderly growth
  - Provides adequate mobility for people, goods and services.
  - Coordinate public and private investments.
- **Study Results**
  - Transportation Plan
  - Roadway Inventory



New and Proposed Developments





















H-GAC
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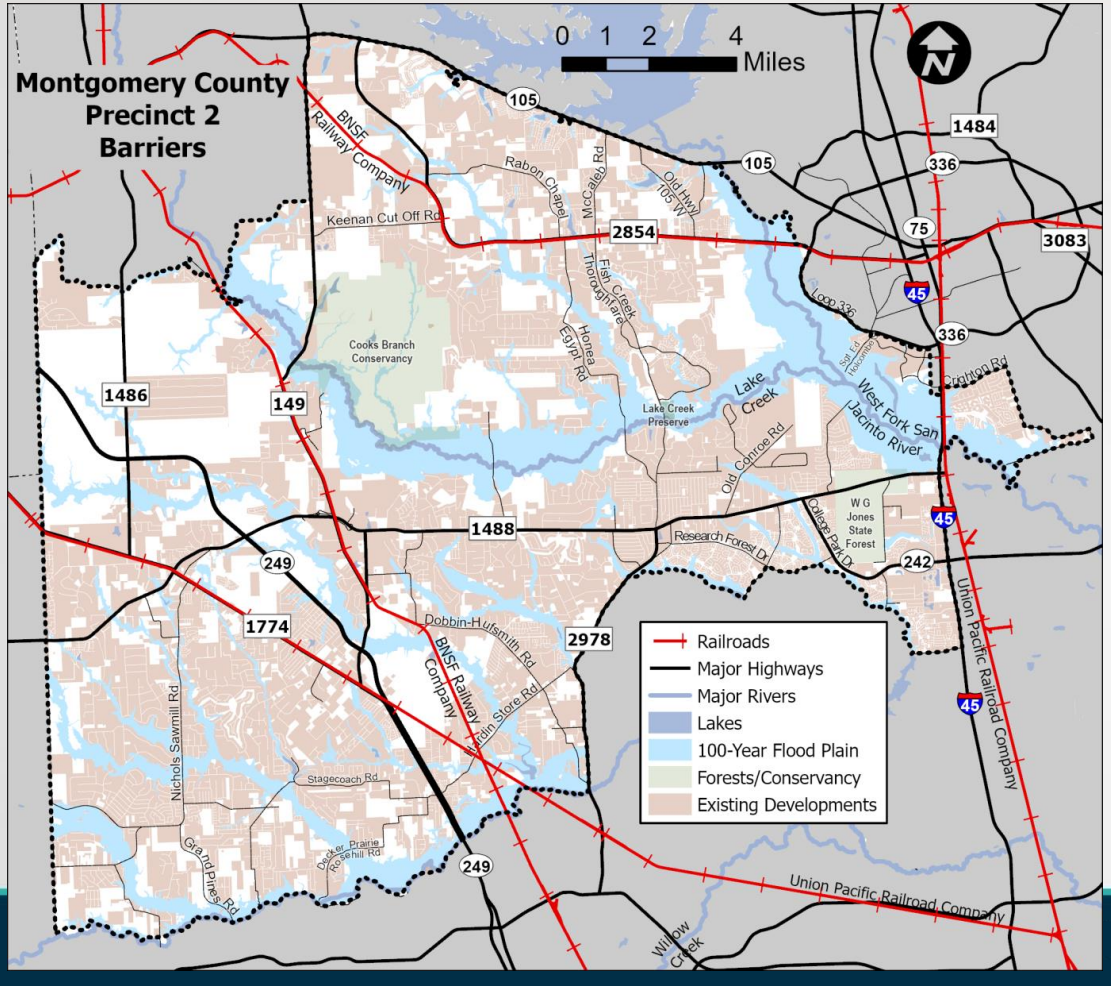
ORGANIZATION

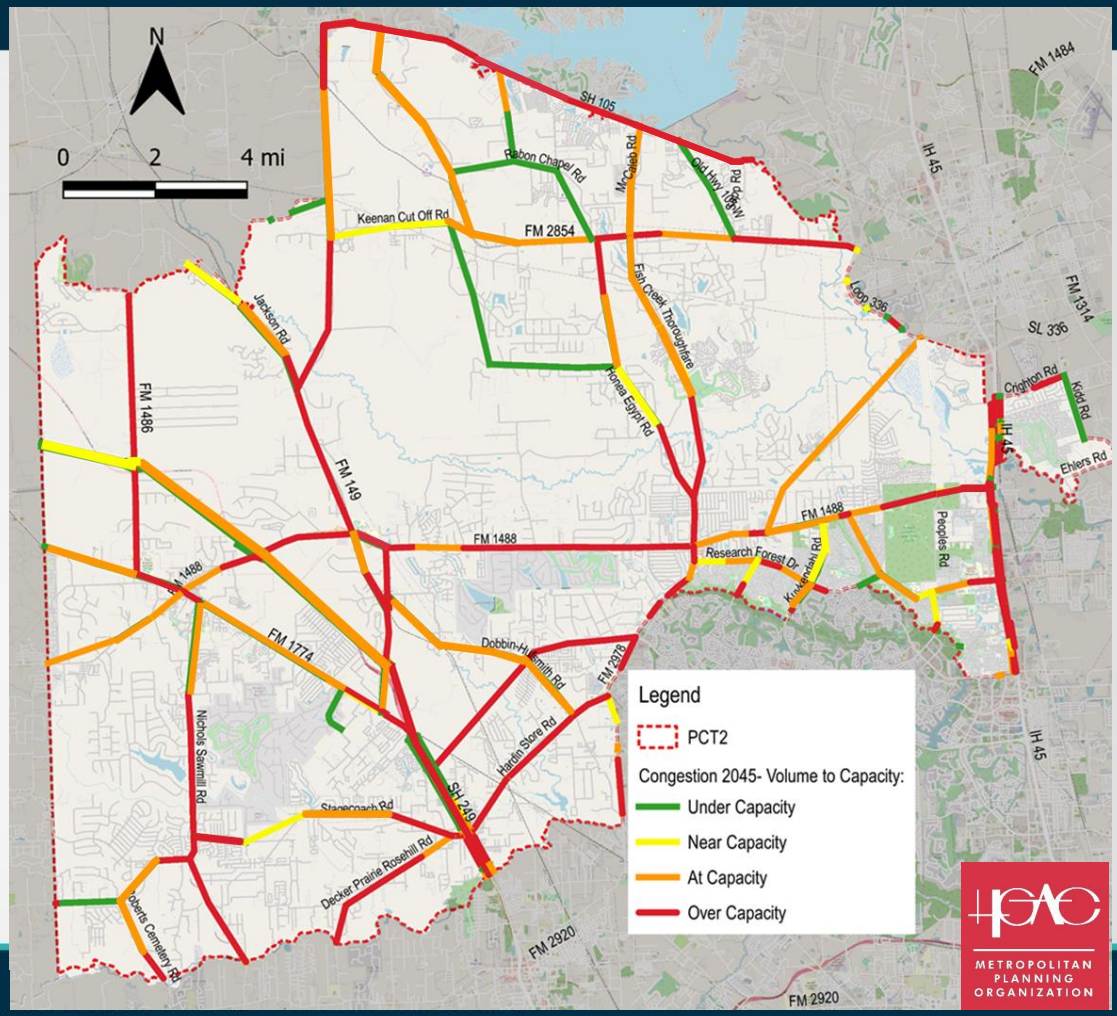
Barriers

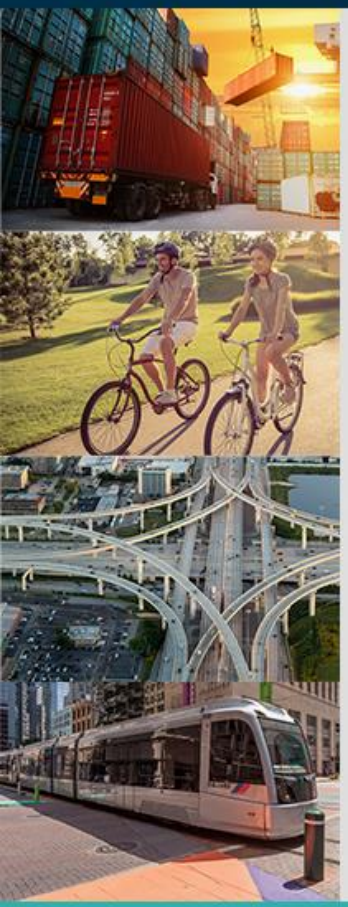


- Floodplains
- Forests/Conservancies
- Railroad Tracks
- Existing Development

2045 No Build Network

- No new roads are built except currently funded projects.
  - Old Conroe Road
  - Woodtrace Blvd.
- Congestion: Very High





Draft Recommendations

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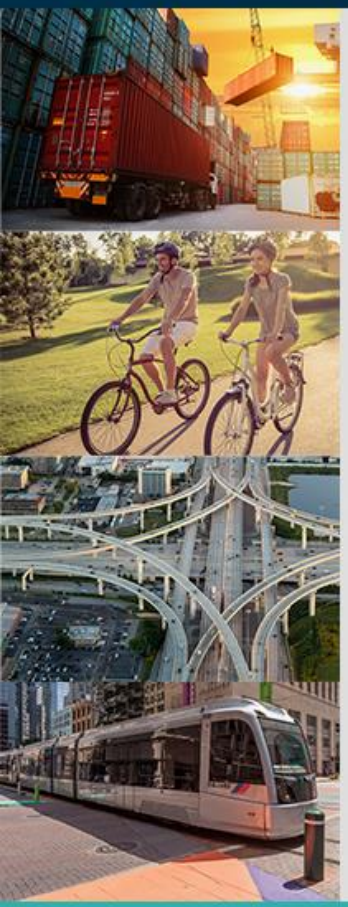
METROPOLITAN PLANNING ORGANIZATION



Safety Recommendations

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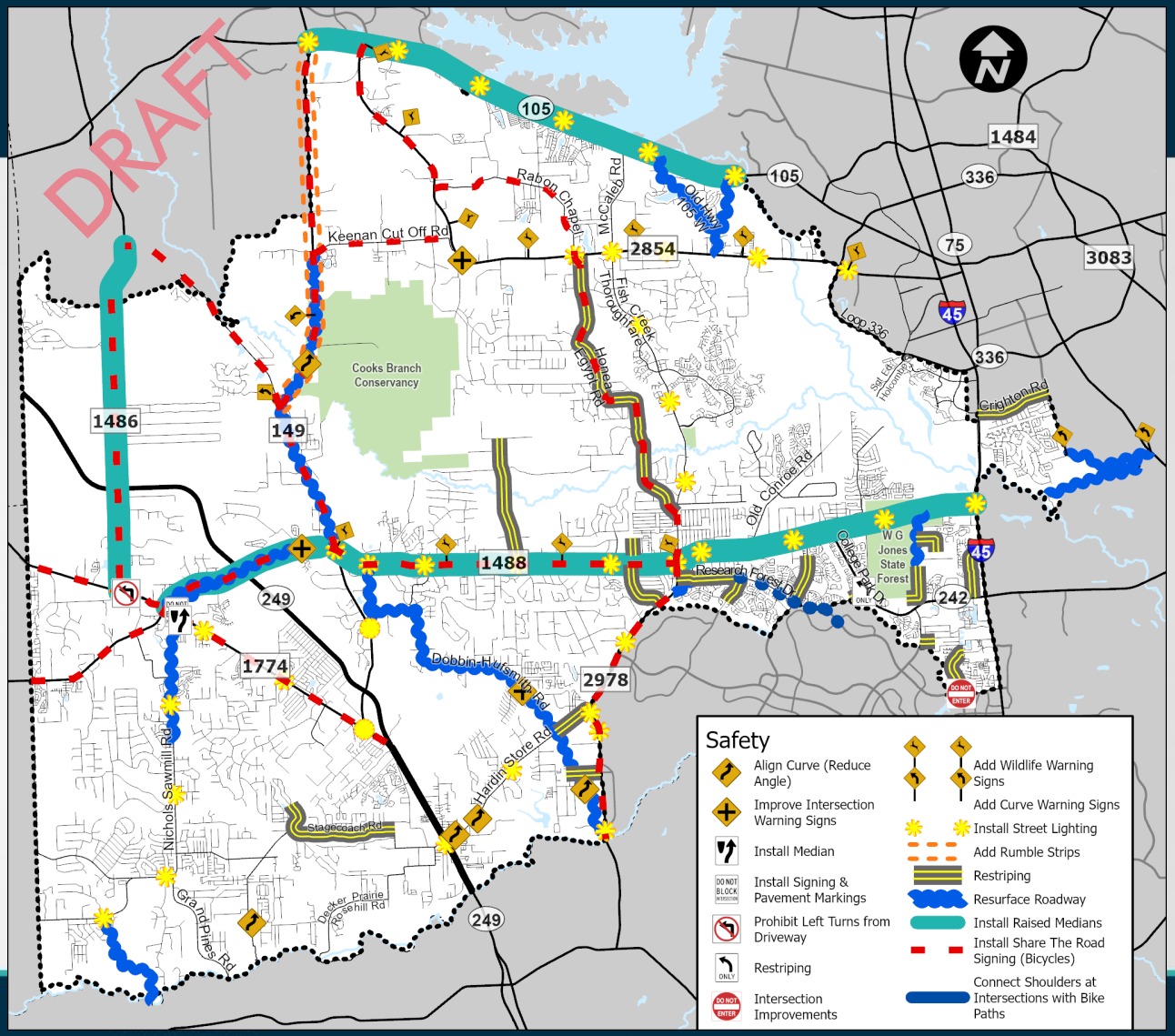
METROPOLITAN PLANNING ORGANIZATION

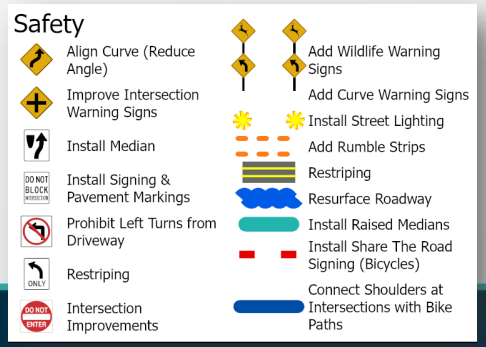
Safety (0-1 year) Recommendations

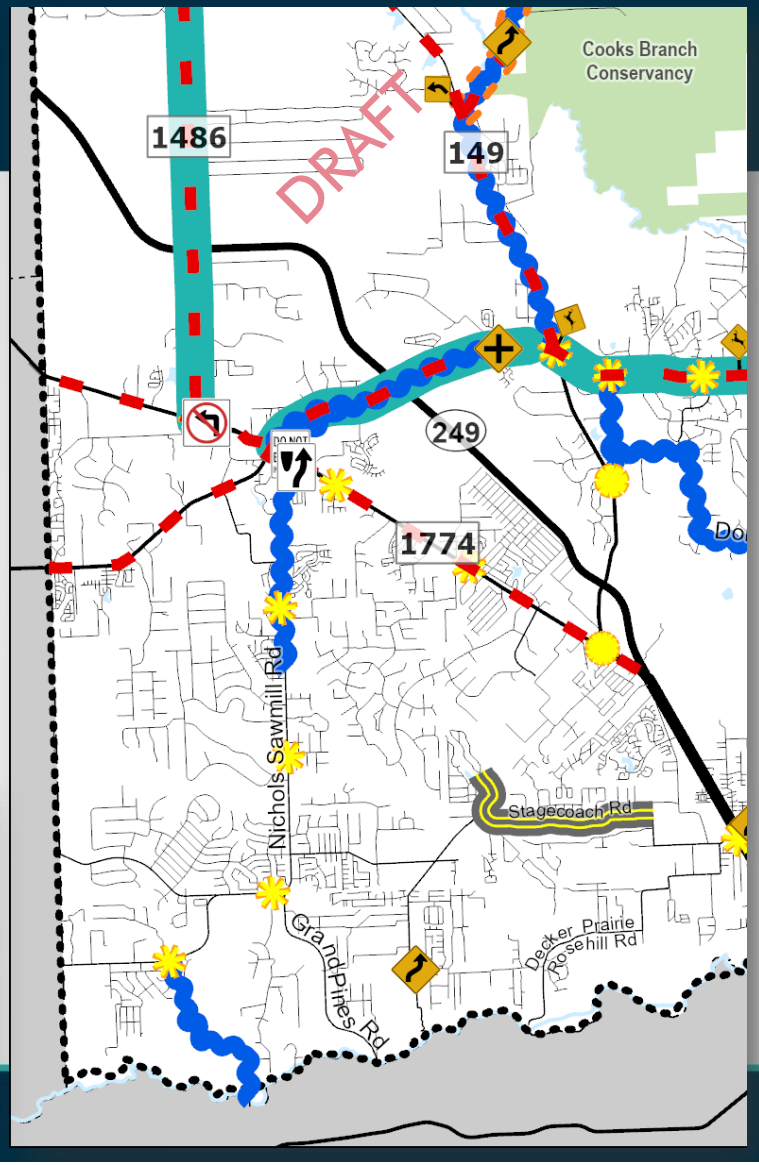
- Signage
  - Curve Ahead
  - Wildlife Warning
  - Share the Road
- Raised Medians
- Street Lighting
- Rumble Strips
- Restriping

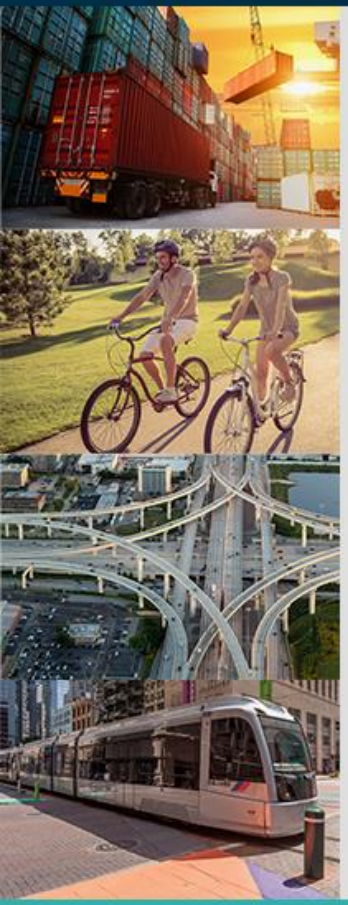


Safety (0-1 year) Recommendations - Magnolia

- Signage
  - Curve Ahead
  - Wildlife Warning
  - Share the Road
- Raised Medians
- Street Lighting
- Rumble Strips
- Restriping





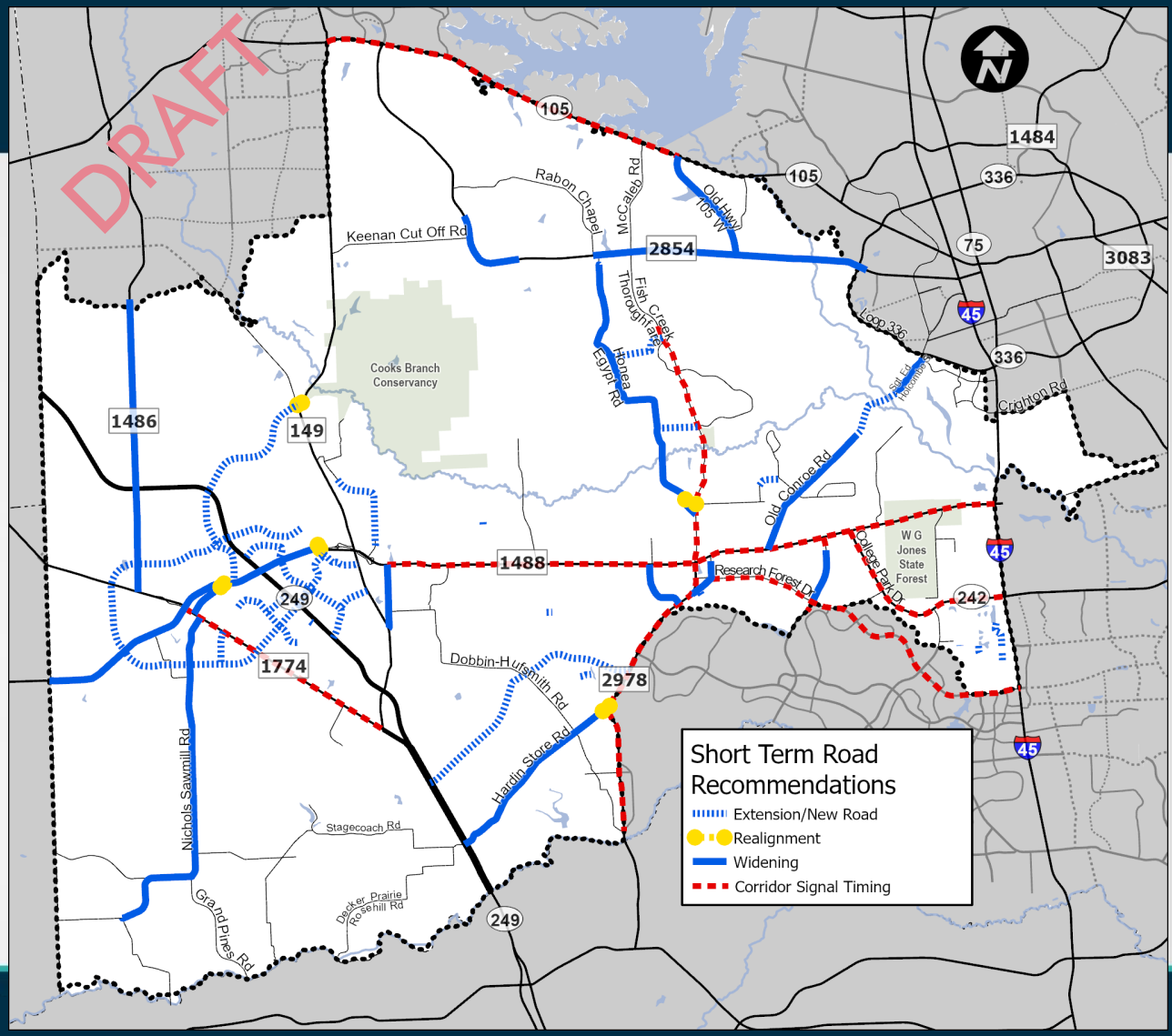


Road Recommendations

Regional Collaboration • Transportation Planning • Multimodal Mobility

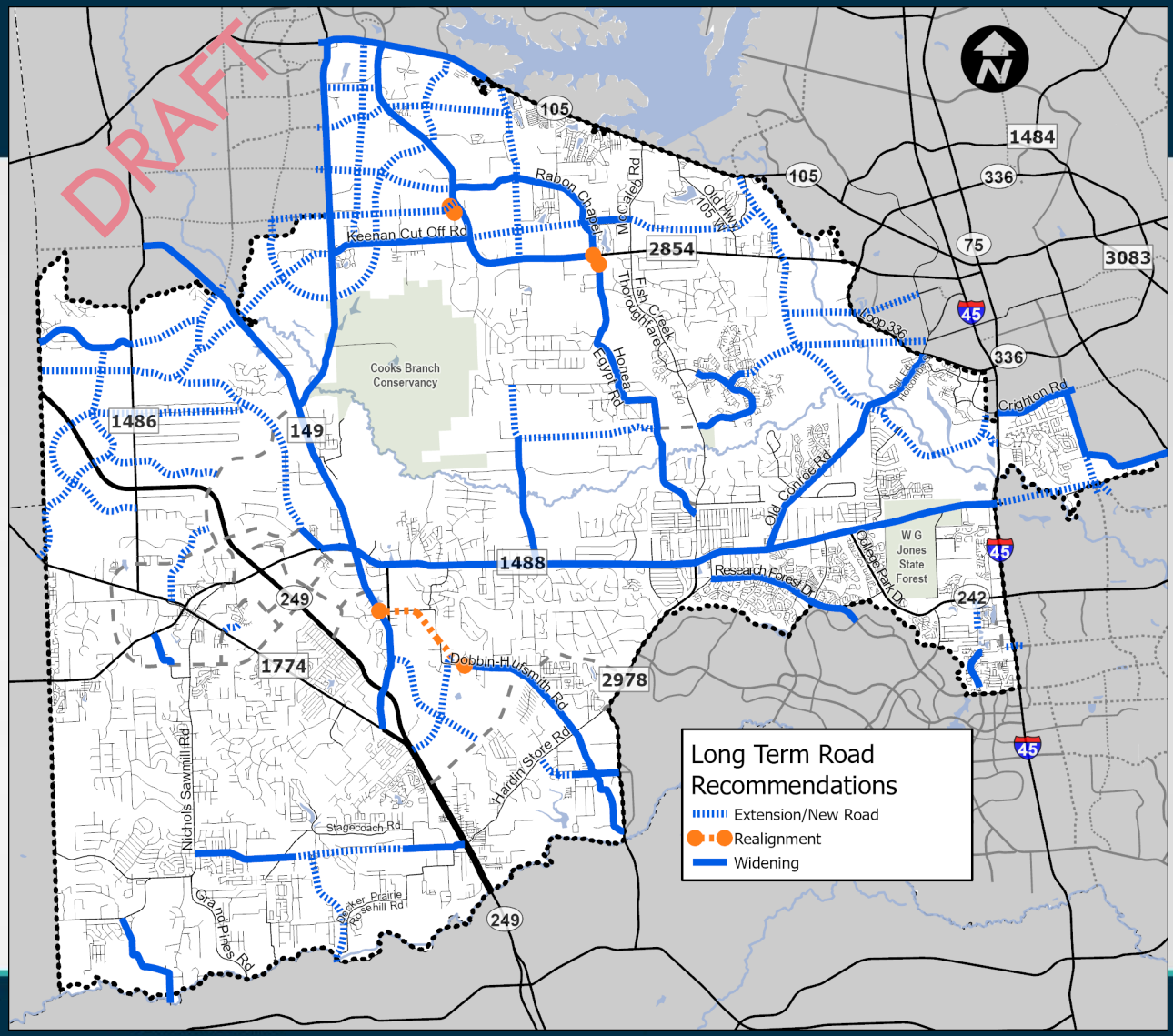
Short-Term (1-10 Years)

- Widen
- Extend
- New Roads
- Realign
- Corridor Signal Timing



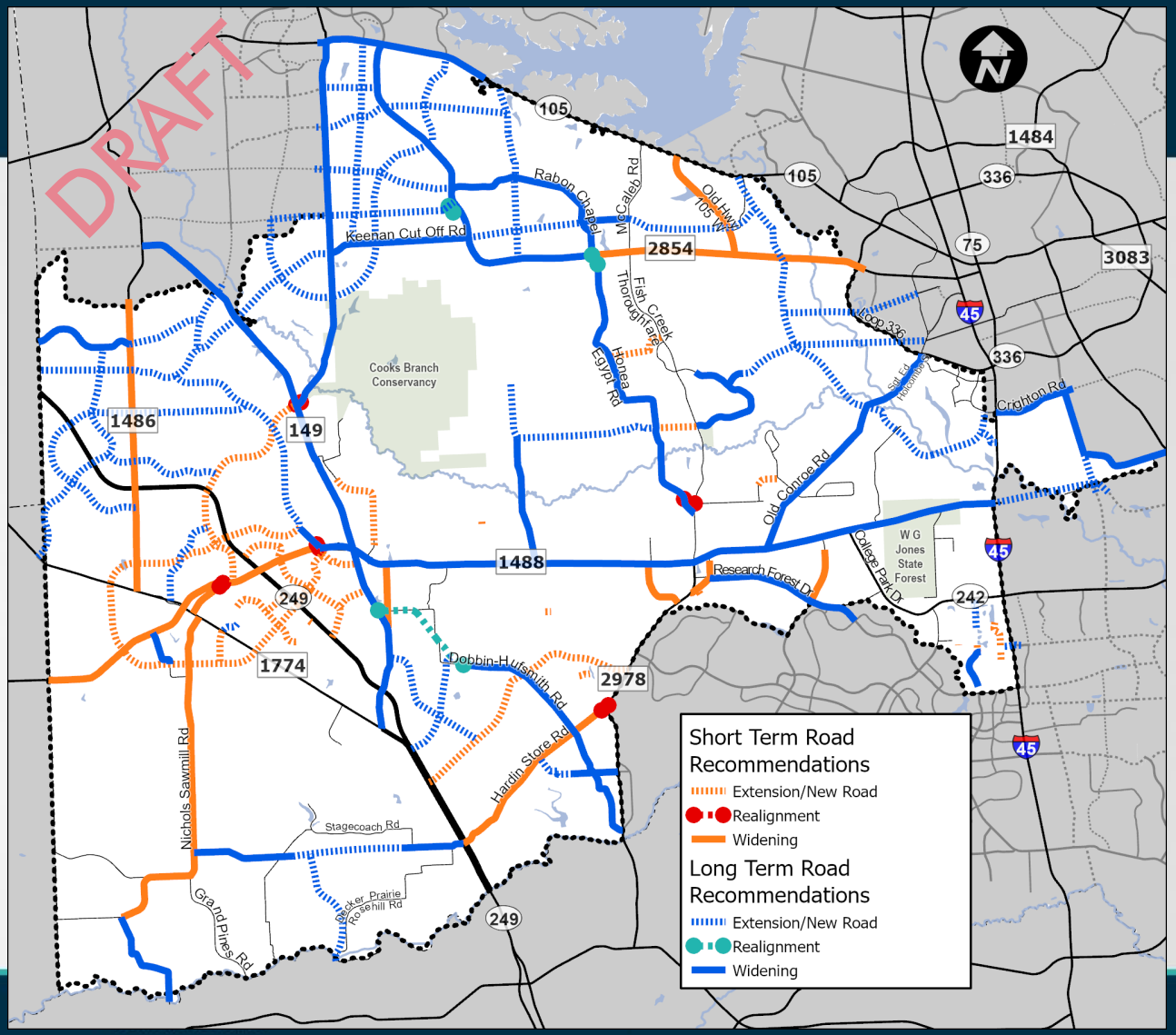
Long-Term (11+ years)

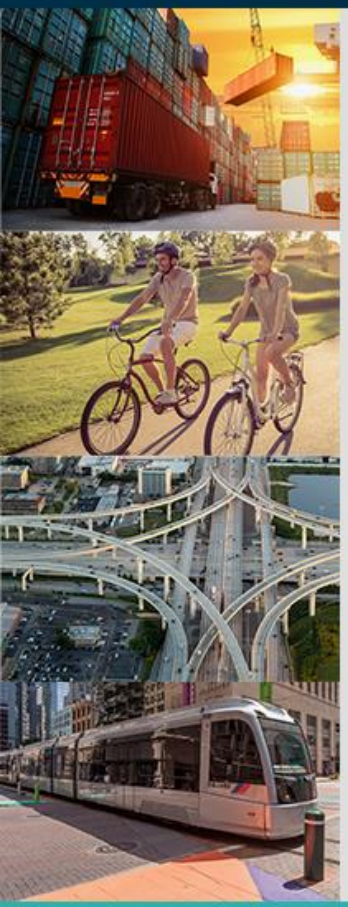
- Widen
- Extend
- New Roads
- Realign



New Network

- Widen
- Extend
- New Roads
- Realign



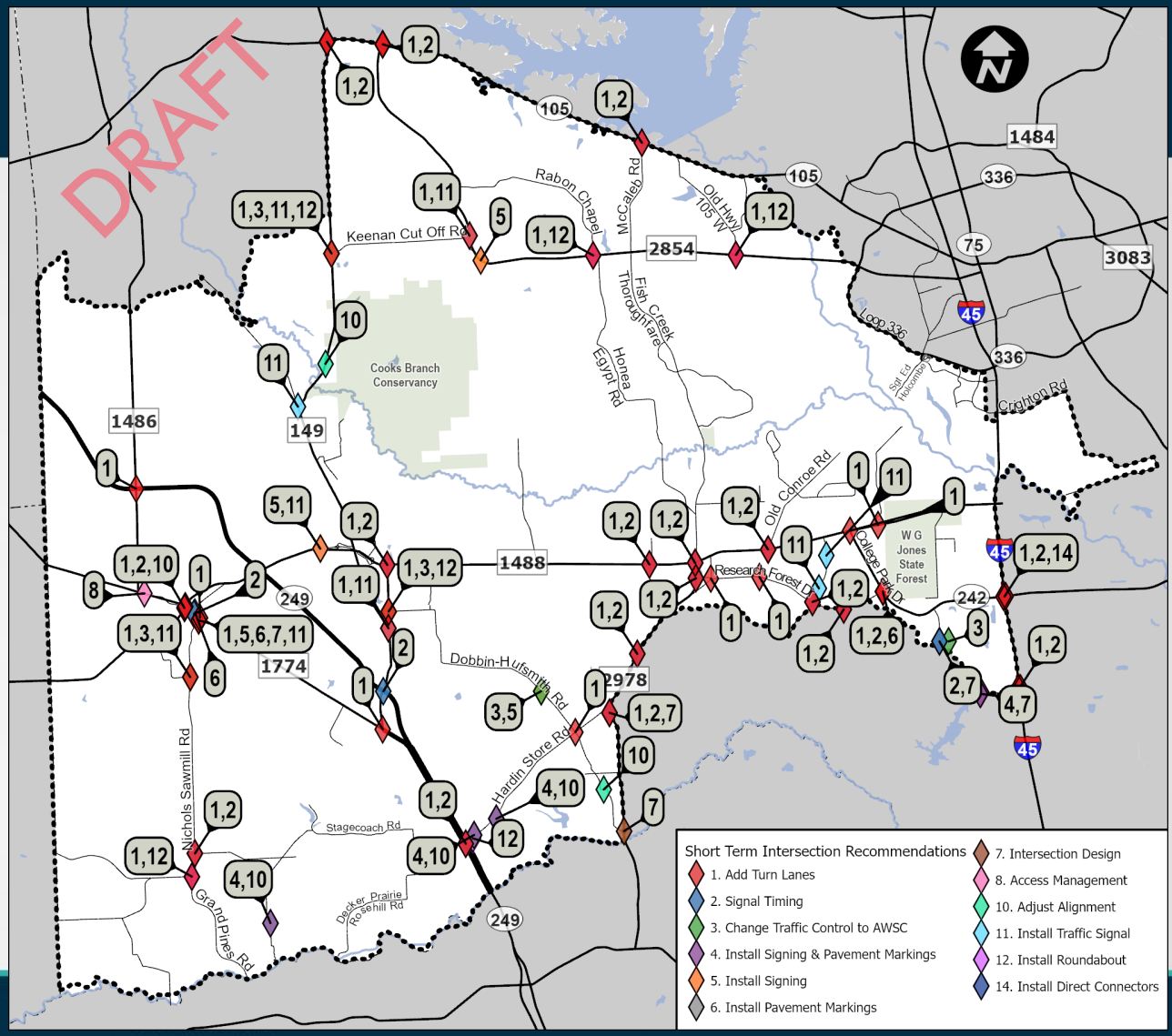


Intersection Recommendations

Regional Collaboration • Transportation Planning • Multimodal Mobility

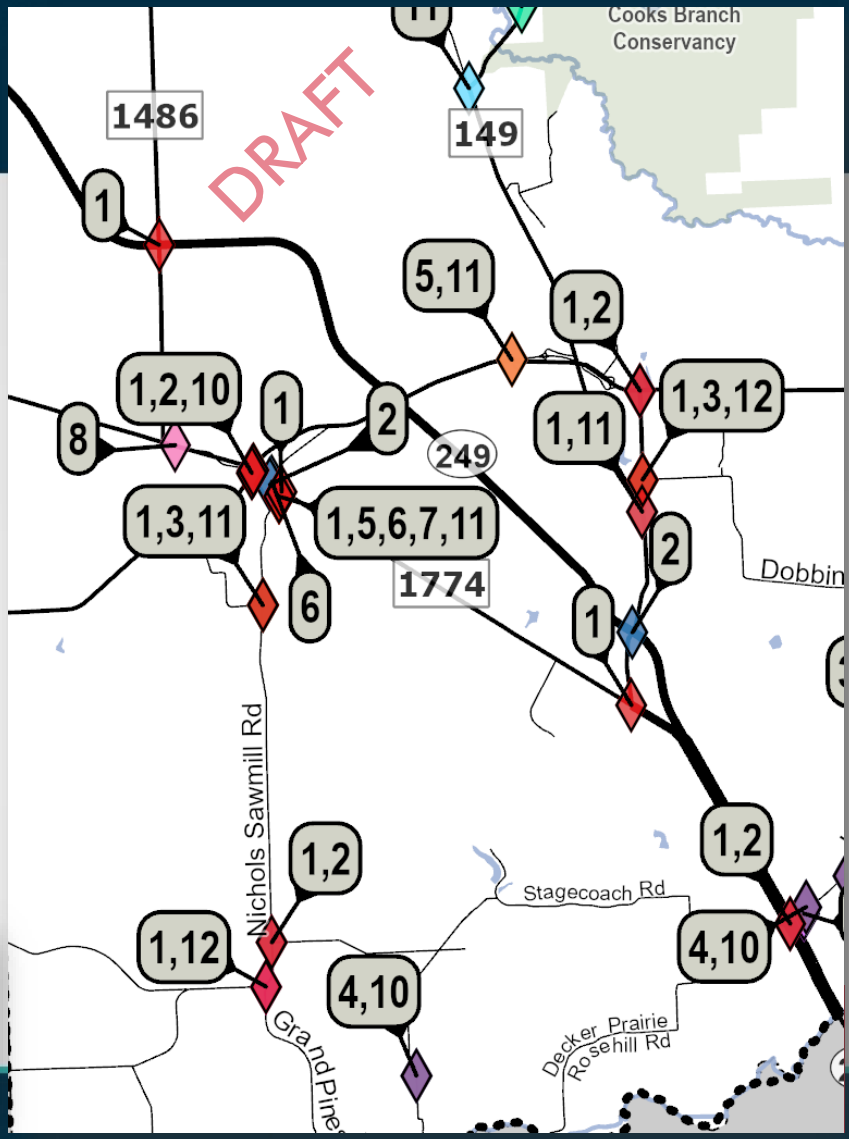
Short-Term (1-10 years)

- Add turn lanes
- Signal timing
- Change traffic control to AWSC (All Way Stop Control)
- Signing
- Pavement markings
- Intersection re-design
- Access management
- Roundabout
- Direct connectors



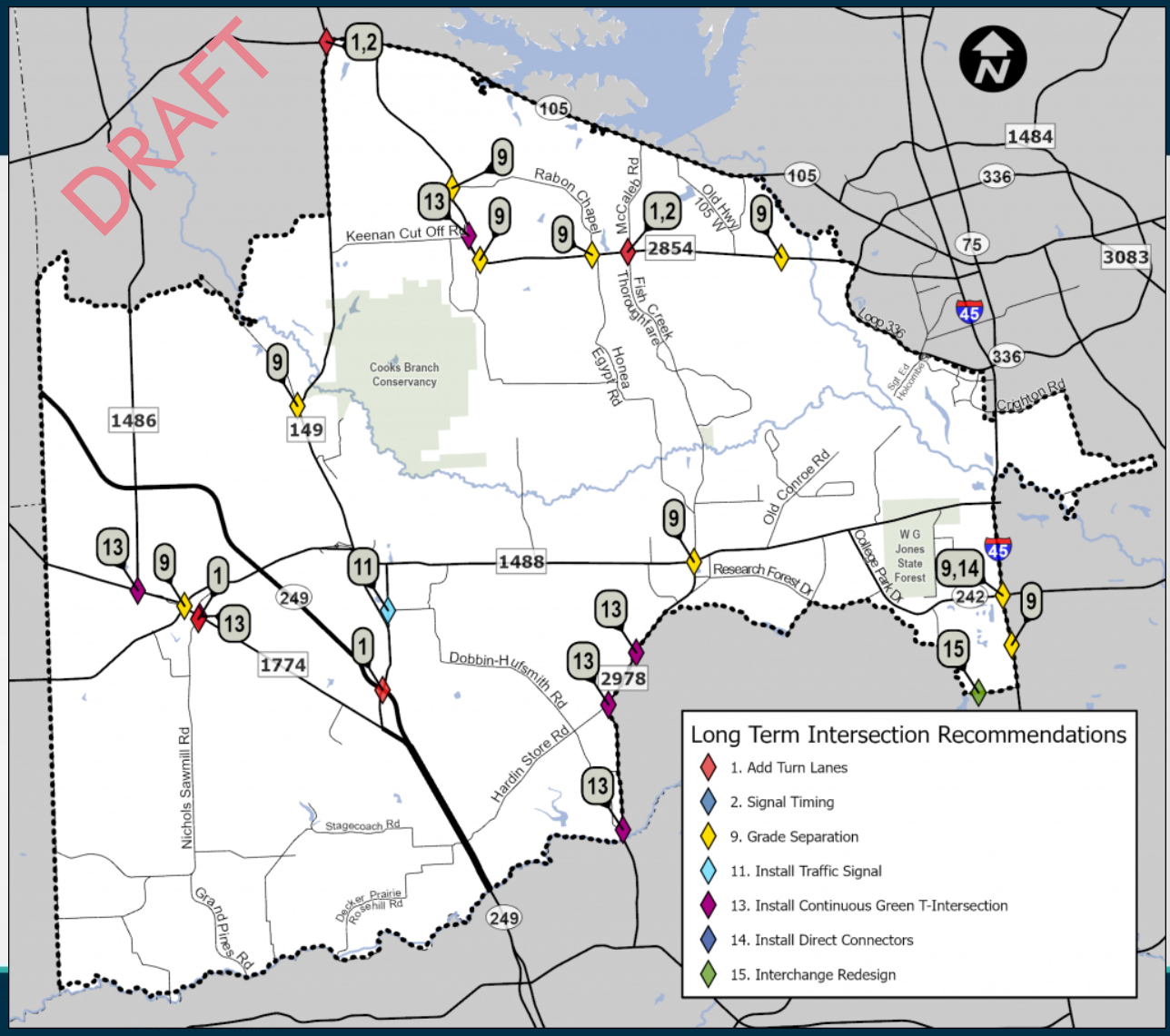
Short-Term -Magnolia (1-10 years)

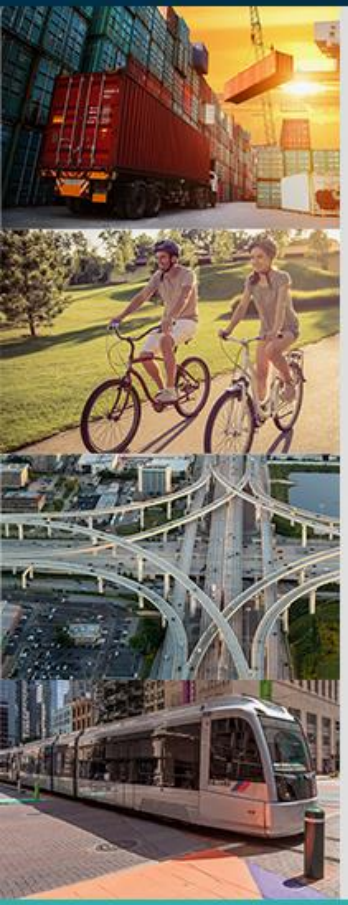
- Add turn lanes
- Signal timing
- Change traffic control to AWSC (All Way Stop Control)
- Signing
- Pavement markings
- Intersection re-design
- Access management
- Roundabout
- Direct connectors



Long-Term (11+ years)

- Add turn lands
- Signal timing
- Grade separations
- Continuous Green-T
- Director connectors
- Roundabout
- New traffic signals
- Interchange redesign





Selected Alternative

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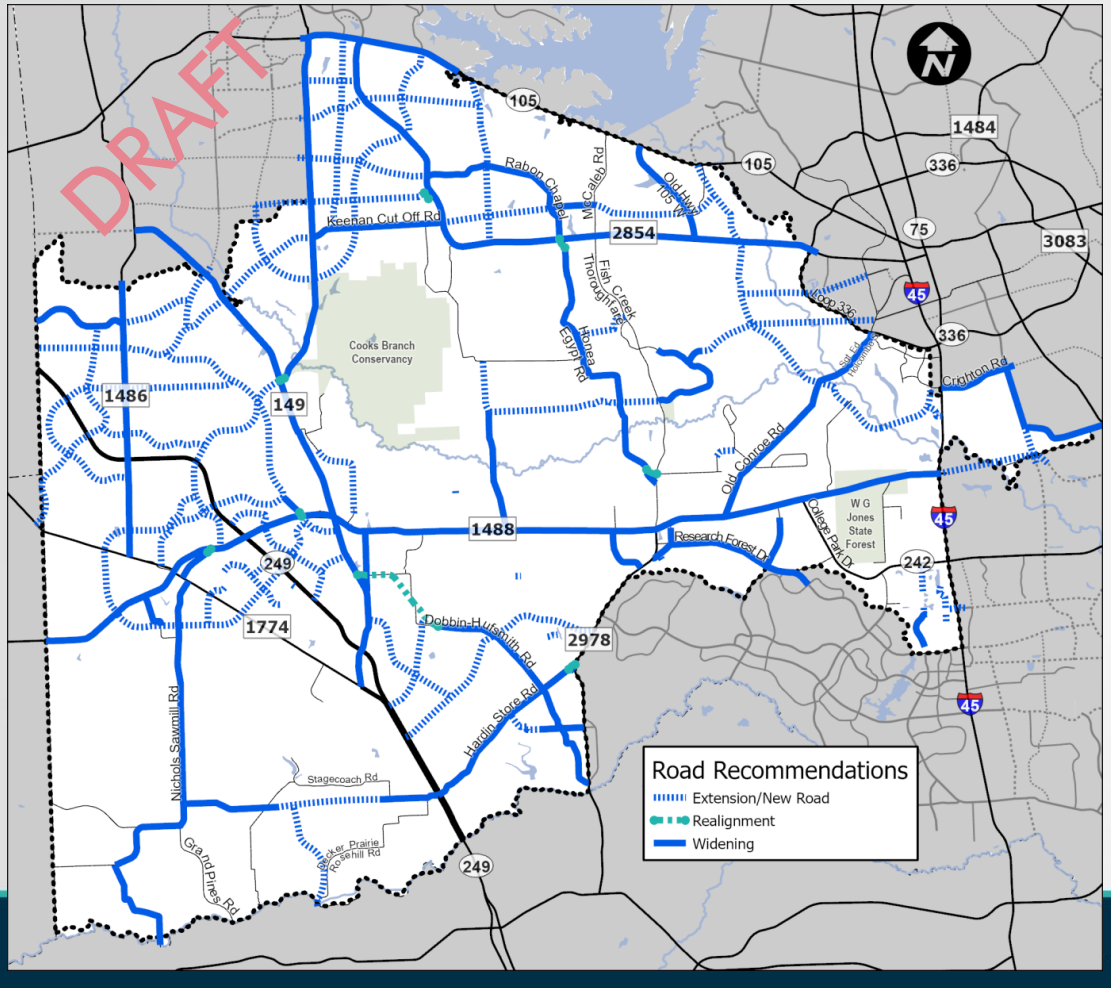
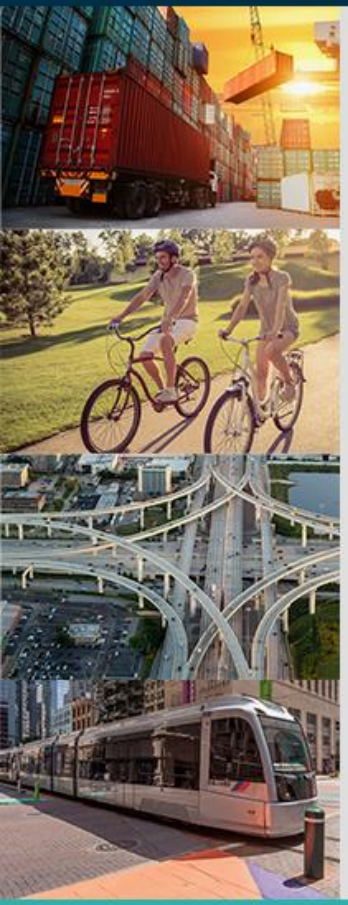
Chosen Alternative - Analysis



- **Benefits:**
  - Improves resiliency for central study area.
  - Improves connectivity to Conroe
  - Improves connectivity in Montgomery and Magnolia areas
  - Improves roadway network
  - Provides alternative to FM 2854.
- **Cons:**
  - No alternative route for FM 1488.
  - Increase congestion on Old Conroe from New Road11 to FM 1488
  - Increase congestion on FM 1488 from Old Conroe Road to Mansions Blvd.
  - No new N/S roads



Active Transportation

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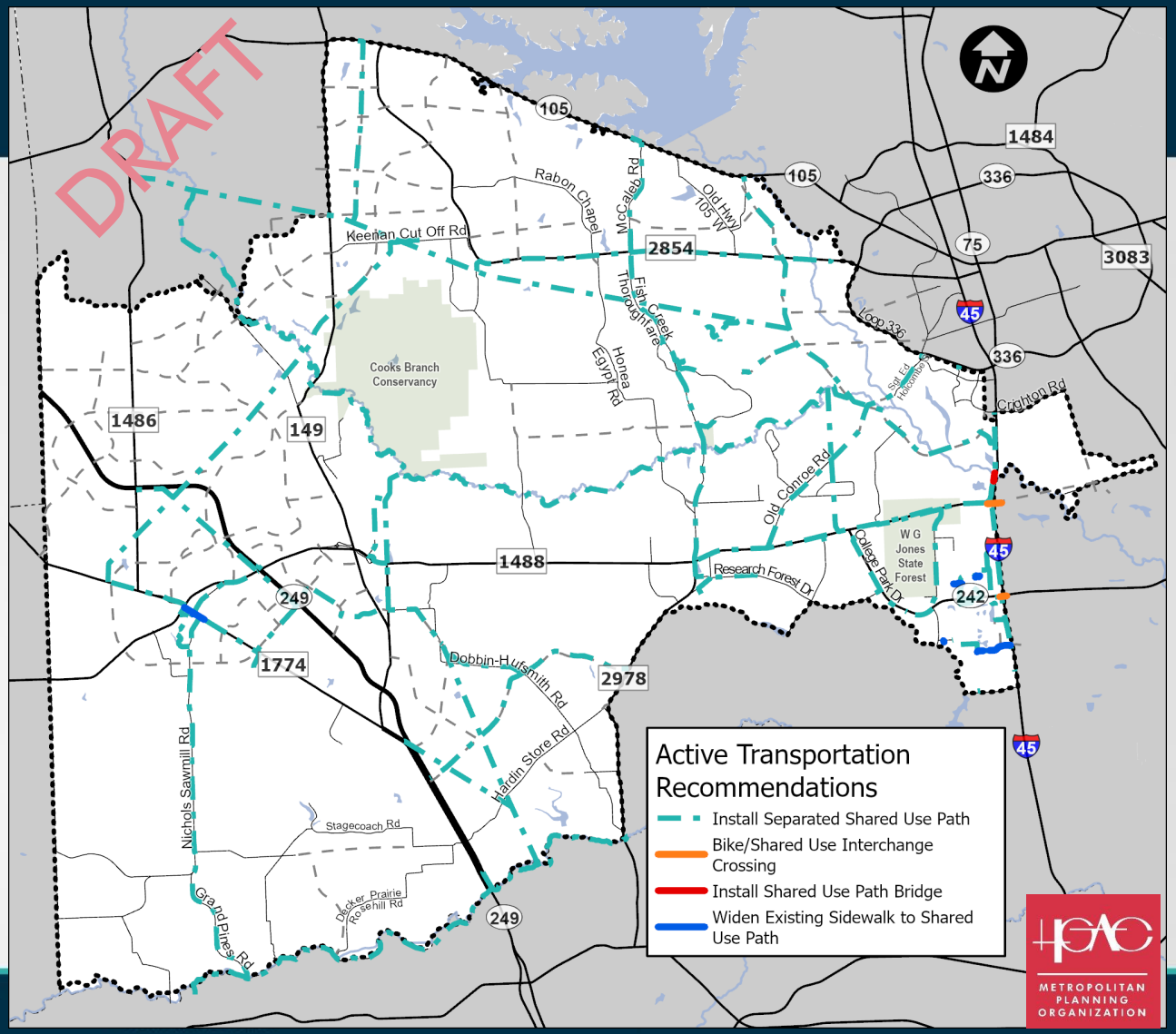
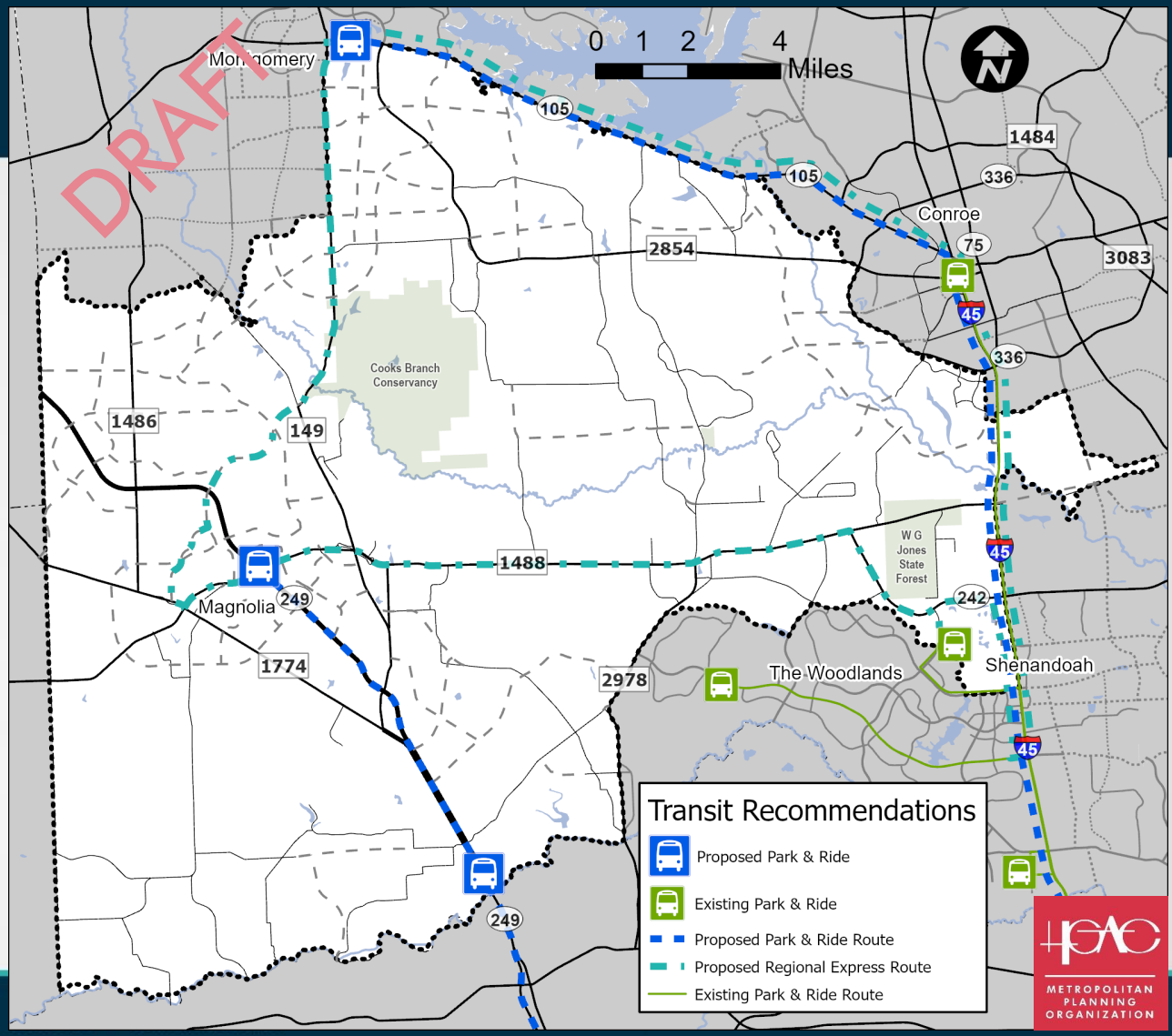
Active Transportation

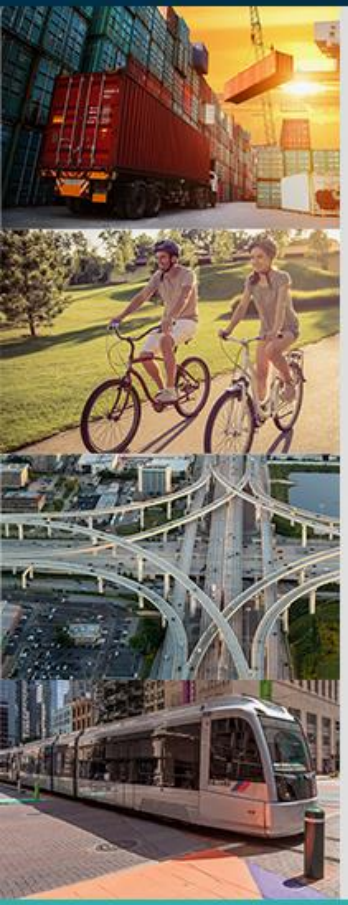
- Shared use paths located in/adjacent to:
  - River, creeks, floodplain easements
  - Railroad easements
  - Adjacent to road
  - Utility easements
- Widen or extend existing sidewalks



Transit

- Park & Ride facilities near Magnolia and Montgomery
- Express route that connects Conroe-Montgomery-Magnolia-The Woodlands





Discussion

MP2 interactive map

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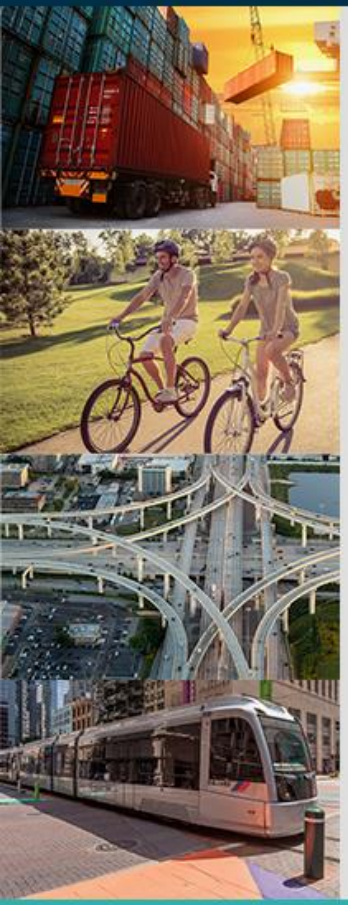
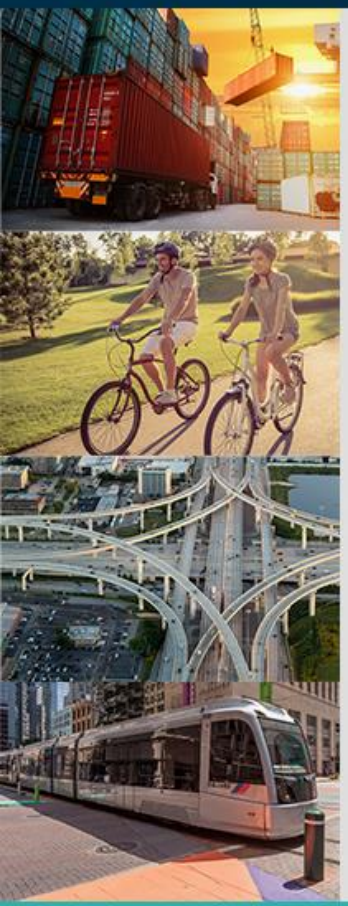


Next Steps

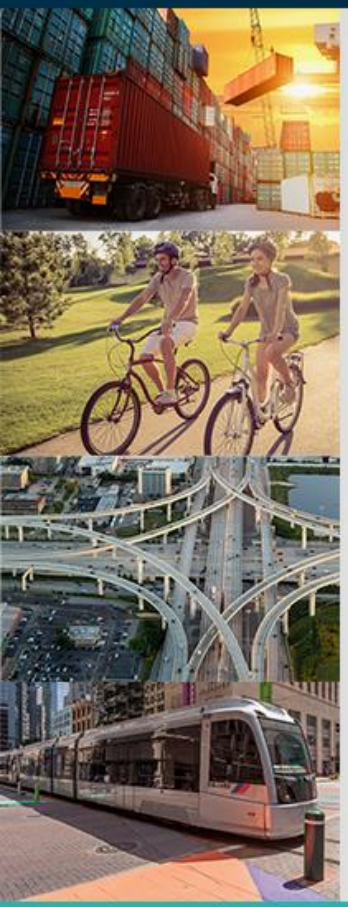
Regional Collaboration • Transportation Planning • Multimodal Mobility

Next Steps



- Finalizing Recommendations - May 2022
- Steering Committee Meeting – Early Summer 2022
- Public meeting – Summer 2022
- Final report - Fall 2022

THANK YOU!



- **Carlene Mullins – Project Manager**
  Carlene.Mullins@h-gac.com
- **Justin Kuzila – Project Planner**
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

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H-GAC METROPOLITAN PLANNING ORGANIZATION

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STAKEHOLDER FOCUS GROUP MEETING – MEETING SUMMARY
THE WOODLANDS AREA CHAMBER OF COMMERCE
MAY 31, 2022 10:00-11:30 AM

Attendees:

Andrew DuBois	JJ Hollie	Nancy Sievert
Barry A. Parks	Justin Evans	Randall Cade
Bruce Hillegeist	Justin Kuzila	Rob Eissler
Carlene Mullins	Larry Smith	Sandy Barton
Catie Reid	Linda Nelson	Trent Fulin
Chuck Grant	Marlisa Briggs	

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Project overview and study area
    - Project schedule
    - New/proposed developments
    - Barriers
    - 2045 No Build Network
3. Road Network Recommendations
    - Safety Recommendations (0-1 year)
    - Short-Term (1-10 years)
    - Long-Term (11+ years)
    - New Network – preserve ROW for future
        - Question: For new roads and roadway widening, what is the shoulder policy? Shoulders helpful for getting bikes out of the way of vehicular traffic and providing a safe place to ride.
            - Response: Roads that we are recommending will have shoulders. Honea Egypt Rd specifically recommended for widening shoulders (not lanes) to accommodate bicycles. Most of new roads currently being built have shoulders/accommodations for bicycles.
        - Question: Any idea when Old Conroe Rd bridge will be finished?
            - Response: Don't know. Currently working on relocating utilities and acquiring ROW.
            - Comment: Old Conroe Rd project is owned by City of Conroe.
4. Intersection Recommendations
    - Short-Term (1-10 years)

        - Is there a way to zoom into FM 1774 at FM 1488 area?
            - Response: Yes, there is an interactive map which will be shared.
    - Long-Term (11+ years)
        - Question: What happens to adjacent signals on route with added Continuous Green T signal? There are several other signals along FM 2978 near Woodlands Pkwy location.
            - Response: Would need to adjust coordinated signal timing to account for changes to intersection timing where continuous green added.
        - Question: Who will be responsible (County or TxDOT) for managing signals if changed to Continuous Green T?
            - Response: Assume that maintenance of signal would remain the same as existing signal. Once installed, maintenance similar to standard traffic signal
        - Question: For Continuous Green Ts on FM 1774 (@ Nichols Sawmill Rd and @ FM 1486), there may be constrained ROW with adjacent RR tracks and commercial developments. Will widening be needed to accommodate?
            - Response: With existing center turn lane, a Continuous Green T most likely can be accommodated within existing roadway footprint or with limited additional ROW needed. Each location will need to be evaluated in greater detail to confirm if feasible or not.
5. Chosen Alternative
    - Most of recommendations on west side come from Montgomery County Major Thoroughfare Plan – some minor modifications made
6. Transit Recommendations
    - 3 proposed Park & Ride locations near Magnolia and Montgomery
    - Express route connecting Conroe-Montgomery-Magnolia-The Woodlands
        - Question: Where in The Woodlands would the express route go to?
            - Response: Exact route has not been decided. Possibly to Town Center.
7. Active Transportation Recommendations
    - Separated shared use paths proposed along roadways, utility easements, railroad easements, waterways, etc.
    - Widen or extend existing sidewalks to accommodate cyclists

8. Discussion
    - Question: Likes the concept of using rivers, creeks, flood plains, and utility easements to add active transportation corridors. What would be the steps to make them a reality? Roads would presumably get

higher priority over hike/bike trails. Would you need someone in Precinct 2 to take over?
    - Response: Need someone to take charge and coordinate with any relevant associations/organizations/companies. Process can start with Bike Coalition, etc. to start coordination process with County and easement owners. H-GAC could sponsor, and County could implement. Requires a lot of coordination.
  - Question: When plan is finished, is there an order in which projects are supposed to take place?
    - Response: Recommendations are separated into short-term and long-term, but otherwise it is up to Precinct 2 to determine which projects to implement and in what order.
  - Question: Is there a cost estimation for recommended projects?
    - Response: Cost estimation not complete, but it will be presented at the public meeting. Projects can ask for federal funding, bonds, public/private investments, TIP funding, etc. By doing plan, helpful that H-GAC has recommendation from study if County decides to apply for TIP funding on specific project. Can also benefits groups such as WMPID if they decided to work on project.
  - Question: Is there a representative of Precinct 2 here?
    - Response: No, but they will likely be at tomorrow's meeting.
9. Next Steps
  - Finalize recommendations – May 2022
  - Stakeholder Group Meetings – May 2022
  - Steering Committee Meetings – Early Summer 2022
  - Public Meeting – Summer 2022
  - Final Report – Fall 2022
10. For more detailed information and to view exhibits, see presentation slides.
  - Mobility study interactive map: https://experience.arcgis.com/experience/2e40e212a6cc40f0b548761d24fa34f8/

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STAKEHOLDER FOCUS GROUP MEETING – MEETING SUMMARY
MONTGOMERY COUNTY PRECINCT 2 OFFICE
JUNE 1, 2022 1:30-3:00 PM

Attendees:

Bruce Berger	Denise Nen	Kyle Bertrand
Carl Gerhardt	Jason Brandolini	Mark Mooney
Carlene Mullins	Justin Evans	Lt. Michael Silvio
Catie Reid	Justin Kuzila	Mike Muckleroy
Comm'r. Charlie Riley	Kelly Hamann	Randall Cade
Dave McCorquodale	Kendra Windisch	Rob Eissler

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Project overview and study area
    - Project schedule
    - New/proposed developments
    - Barriers
    - 2045 No Build Network
3. Road Network Recommendations
    - Safety Recommendations (0-1 year)
        - Question: Will raised medians be like the ones going in on FM 2920 in Tomball?
            - Response: Yes
    - Short-Term (1-10 years)
        - Question: Is signal coordination recommendation because there is a lack of existing coordination?
            - Response: Recommended where either does not currently exist or where existing coordination is not working efficiently.
    - Long-Term (11+ years)
    - New Network – preserve ROW for future
4. Intersection Recommendations
    - Short-Term (1-10 years)
        - Comment: Concern about roundabouts on high speed roads from Commissioner Riley due to needed speed reduction. In favor of roundabouts, but people often don't know what to do

when they approach one. Need to figure out how to educate people in Montgomery County on using roundabouts.
        - Question: Has there been feasibility study to see if roundabouts can alleviate traffic backup?
            - Response: Depends on road volume. There is a limit past which roundabouts are no longer effective.
        - Question: A lot of recommended roundabout locations are on FM roads. Where in District 12 [Houston] are roundabouts being used on high speed roads?
            - Response: Texas Heritage Parkway has multiple roundabouts along corridor. Possibly on FM 2920 in Waller County
        - Questions: Are there statistics to show that traffic moves faster with roundabouts, and what are the accidents like?
            - Response: Studies have shown that roundabouts are safer than traditional 4-way intersection due to lower speeds and fewer conflict points. Additionally, roundabouts increase the traffic capacity and have less delay compared stops sign or signal when operating at or below capacity.
        - Suggestion: Add roundabout at Keenan Cut Off and FM 2854
            - Commissioner Riler: A signal is going in at that location soon
            - Comment: traffic is an issue here during school traffic times
    - Long-Term (11+ years)
        - Continuous Green T-intersections
            - Comment: Suggested FM 1488 at SH 242
            - Comment: Green-T could limit development on side without approach
                - Response: It is possible to have a driveway that is right-in right-out only (not controlled by signal) at continuous green-t.
5. Chosen Alternative
    - Most of recommendations on west side come from Montgomery County Major Thoroughfare Plan – some minor modifications made
6. Active Transportation Recommendations
    - Separated shared use paths proposed along roadways, utility easements, railroad easements, waterways, etc.
    - Widen or extend existing sidewalks to accommodate cyclists
    - Question: Is there support from Precinct 2 for implementing active transportation paths if funding can be found?
        - Response: Commissioner Riley – depends on where located. Support for paths that are separate from roadways. Using federal funding requires adding shared use paths/wide

sidewalks/buffers which can slow down project time and cost when there are critical vehicle mobility needs.
    - Question: What does it take to get permission on easement?
        - Response: Need to coordinate with appropriate agencies/property owners. Talk to CenterPoint, RRs, etc.
7. Transit Recommendations
    - 3 proposed Park & Ride locations near Magnolia and Montgomery
    - Express route connecting Conroe-Montgomery-Magnolia-The Woodlands
    - Question: What is the timeline for implementing?
        - Response: At least 5-10 years.
8. Discussion
    - Comment: Would like GPS preemption to be considered for installation at several intersection. GTT is the most common manufacturer. There are some existing in County. Some challenges working with TxDOT to implement at their intersections. Can't use when there is construction. Often new signal put in without preemption between existing intersections that have it, which limits usefulness. Challenging to keep up with new signals.
        - There are about 200 in the County, and about 7 in Precinct 2 area.
        - Commissioner Riley requested list with priority intersection to install preemption. Fire department/hospital district will make a prioritized list.
    - Question: Does hospital district have funding for preemption?
        - Response: There was a regional grant and hospital district planned to match funds but did not get grant. Instead used funding for key intersection only. Installing about 10-20 a year. Costs about $7,000-9,000 per intersection at an existing signal.
    - Question: For previous studies, is there a percentage of projects that are accepted?
        - Response: Depends on the location. Some studies have project sit on shelf, while others, long-term continued with about half of projects. Up to the county. If decided to move forward and request federal funding, having project recommended as a part of this study will provide extra points.
    - Comment: Need to consider differences in precincts, as they all have different maintenance needs. Precinct 2 has more

maintenance requirements than Precinct 3, so there is less funding available for new roads. Implementing depends on the funding available. TIP process is time consuming and comes with strings attached.
    - Comment: Commissioner Riley – FM 1488 at FM 1774 with the railroad is one of the worst intersections in the state. Magnolia Relief Route will help to alleviate.
    - Comment: Commissioner Riley – There are some projects that will never be implemented, so would like to remove. Agrees with the majority of recommendations. Expects resistance for certain roads through neighborhoods.
    - Comment: Would Milton at FM 1488 to be closed due to safety and mobility issues.
    - Comment: Would like to close Spur 149 at FM 149 near RR tracks and change to cul-de-sac and force people to use the overpass/interchange at FM 1488 and FM 149. TxDOT would like Precinct 2 to take over responsibility for Spur 149 but does not want it to be closed.
9. Next Steps
    - Finalize recommendations – May 2022
    - Stakeholder Group Meetings – May 2022
    - Steering Committee Meetings – Early Summer 2022
    - Public Meeting – Summer 2022
    - Final Report – Fall 2022
10. For more detailed information and to view exhibits, see presentation slides.
    - Mobility study interactive map: https://experience.arcgis.com/experience/2e40e212a6cc40f0b548761d24fa34f8/

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STEERING COMMITTEE MEETING 7 – MEETING SUMMARY
THE WOODLANDS AREA CHAMBER OF COMMERCE
JULY 15, 2022 10:00 AM - 11:00 AM

Attendees:

Bruce Berger	Jeffery English	Sandy Barton
Carlene Mullins	Justin Kuzila	Steve Leakey
Catie Reid	Rick Wong	

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Project schedule
3. Plan Development
    - Alternative 1
    - Revised Alternative – removed Spur 149 Extension, Superior Rd Extension, & part of Corrolla Extension
    - Modifications after Stakeholder Meetings
        - Added Recommendations: Freeport Dr, Keenan Cut-Off Rd to SH 249, Mail Route Rd Extension
        - Removed Recommendations: Hardin Store Widening (lack of ROW), Butera/Decker Prairie Extension, neighborhood extensions, etc.
    - Final Plan
    - Precinct Wide Recommendations
        - Flashing Yellow Arrow (FYA) left turn signals
        - Reflective back plates
        - Rick Wong: Do the fire trucks have the equipment to connect to GPS preemption?
            - Montgomery County Hospital District requested the GPS preemption. We believe the trucks already have. Need signals to have equipment to talk to.
        - Continuous Signal Monitoring?
            - Coordination
        - Precinct 2 311 App (currently only by phone)
4. Road Recommendations
    - Safety Recommendations (0-1 year)
        - Removed street lighting on county roads.
    - Short-Term (1-10 years)

        - Jeffery English (TxDOT): Add HOV lane on IH-45 from FM 1488 to SL 336
    - Long-Term (11+ years)
    - New Network
    - Intersection Recommendations
        - Roundabouts
            - Commissioner Riley very supportive
            - Needs to be designed correctly – accommodate large trucks/fire trucks
        - Continuous Green-T
        - Short-Term (1-10 years)
            - Bruce Berger: Add closing Melton St from FM 1488 to Smith Rd. Would like signal to be removed.
                - Expect resistance from City of Magnolia
        - Long-Term (11+ years)
5. Transit Recommendations
    - 3 proposed Park & Ride locations near Magnolia and Montgomery
    - Express route connecting Conroe-Montgomery-Magnolia-The Woodlands
    - No comments/questions
6. Active Transportation Recommendations
    - Separated shared use paths proposed along roadways, utility easements, railroad easements, waterways, etc.
    - Widen or extend existing sidewalks to accommodate cyclists
    - No comments/questions
7. Plan Cost
    - Estimated Total for all recommendations: $3,536,000,000
        - Grants, TIP funding, etc. can be used
8. Next Steps
    - Public Meeting – August 4, 2022
    - Steering Committee Meetings – September 2022
    - Final Report – Fall 2022
9. Discussion
    - Comment: Contact Community Impact to get word out about public meeting
10. For more detailed information and to view exhibits, see presentation slides.




Montgomery County Pct. 2 Mobility Study Steering Committee Meeting 7




Carlene Mullins, H-GAC
July 15, 2022

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Agenda

1. Welcome
2. Study Overview
3. Plan Development
4. Road Recommendations
5. Transit Recommendations
6. Active Transportation Recommendations
7. Plan Cost
8. Next Steps

Introductions

H-GAC

- Carlene Mullins – Project Manager
- Allie Isbell – Deputy Project Manager
- Justin Kuzila – Project Planner

Gunda Corporation

- Lokesh Vijayagopal – Project Manager
- Catie Reid – Task Lead



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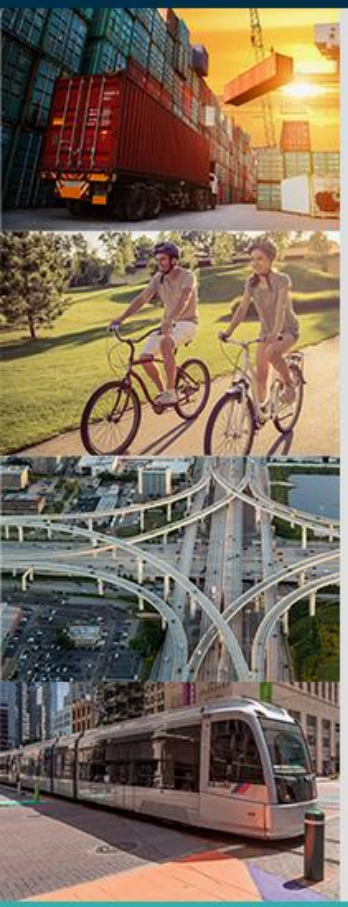
Houston-Galveston Area Council

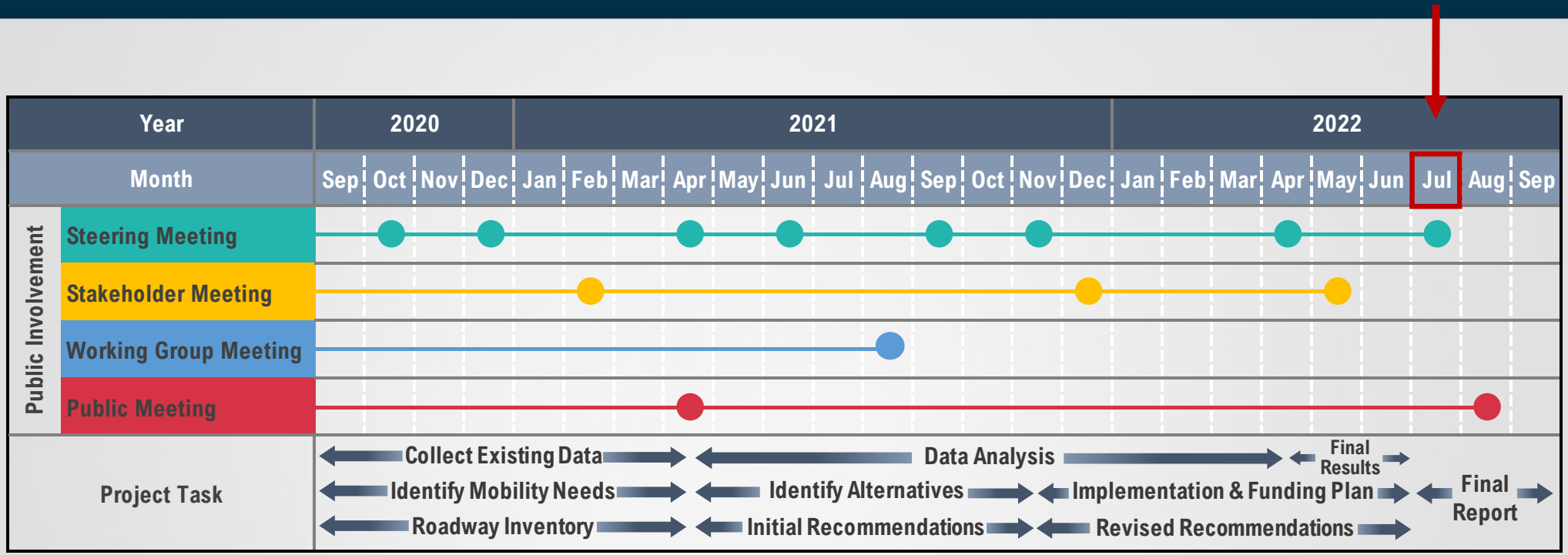


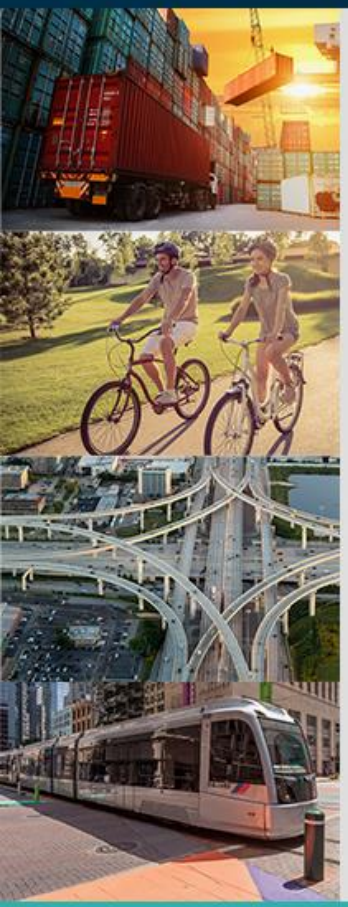
Study Overview

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Project Schedule





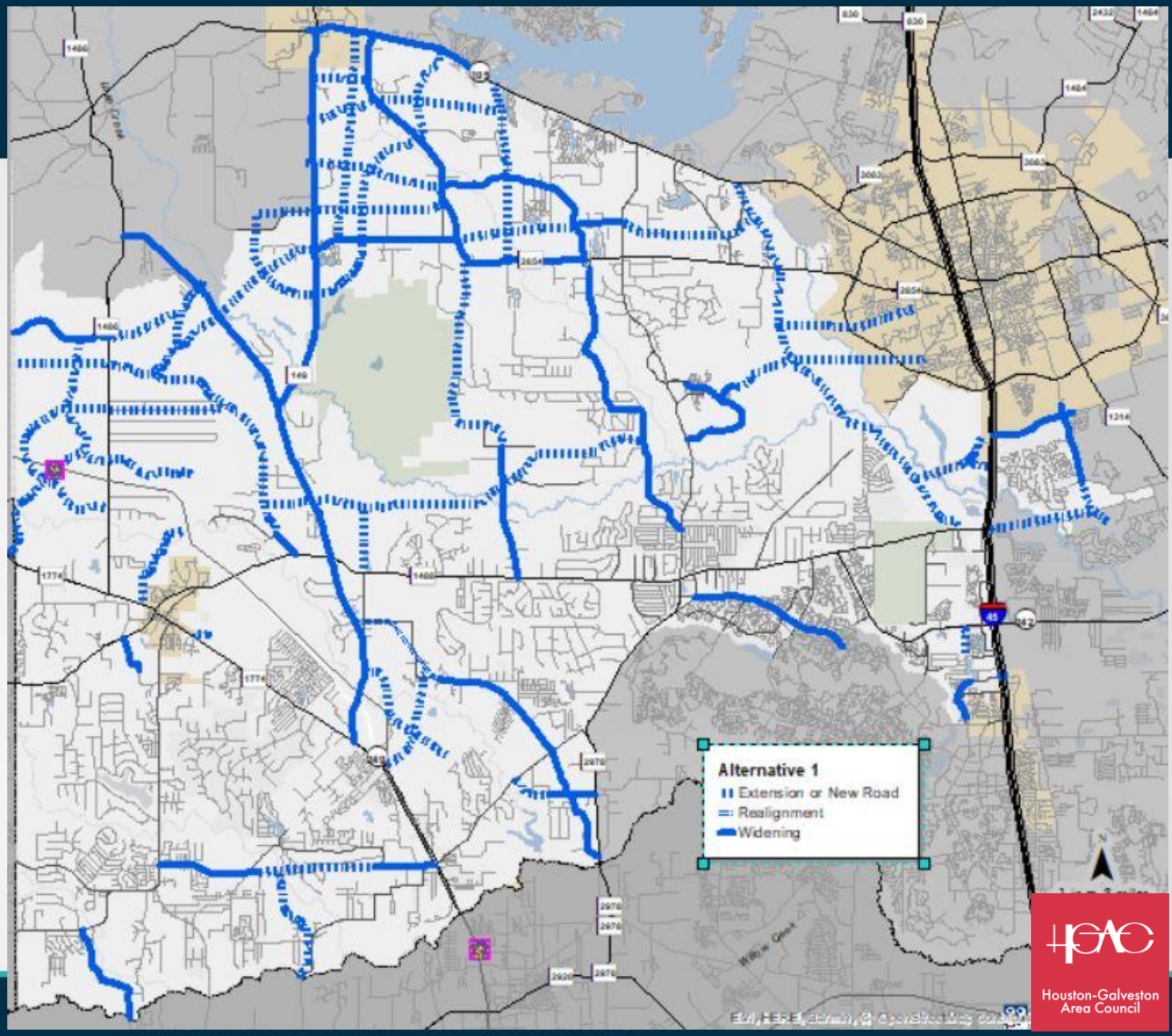
Plan Development

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Alternative 1

- **Description:**
  - Existing roadway network + MP2 recommendations
  - Adds:
    - New roads: 245 miles
    - Widens existing roads
    - Extends existing roads
- **Benefits:**
  - Improves connectivity
  - Improves safety
  - Distributes traffic
  - Provides alternative routes



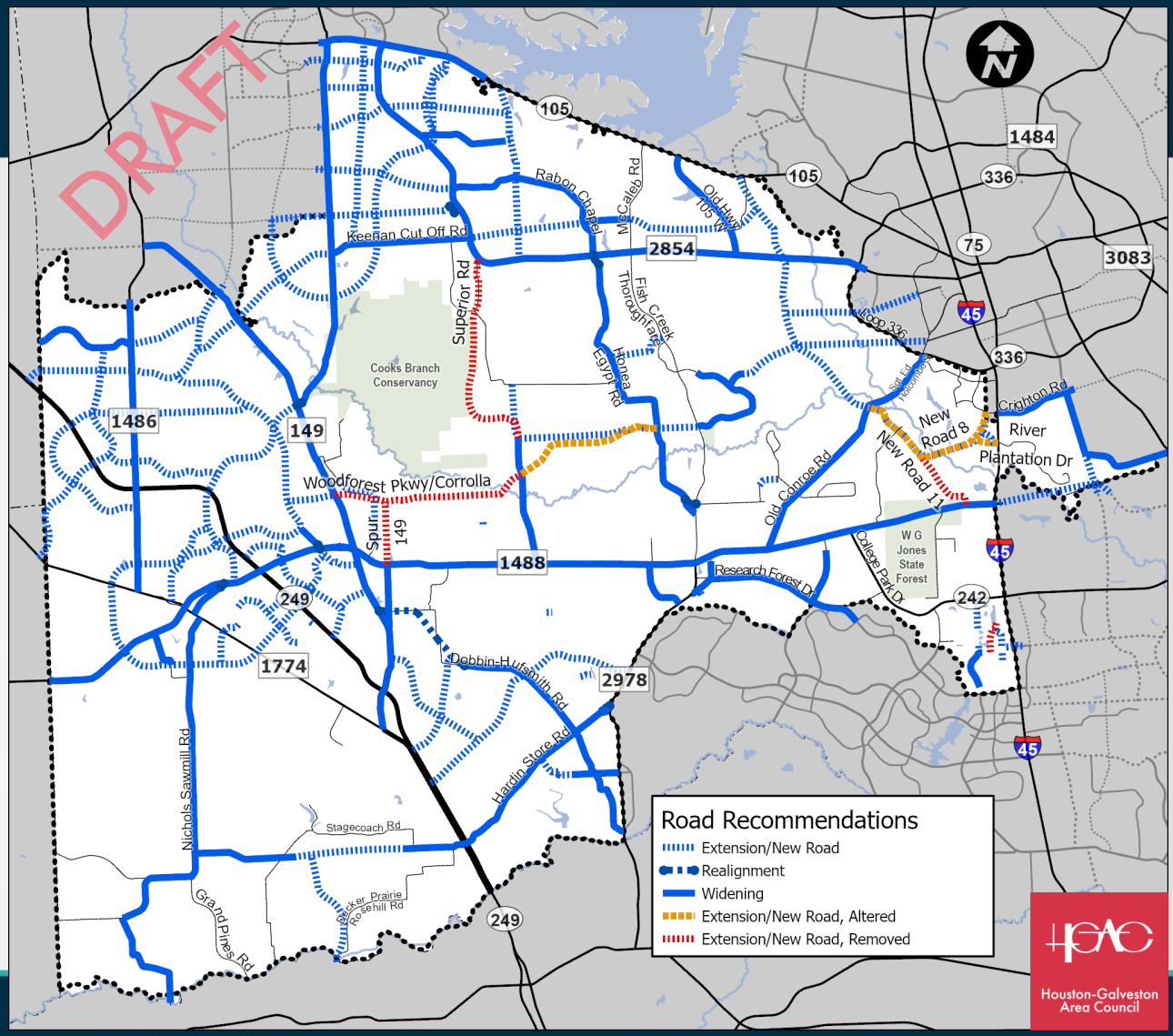
Revised Alternative

Removed:

- Superior Road Extension
- Woodforest Pkwy/Corrolla – extension west to FM 149
- Spur 149 – Extension north from FM 1488
- Atkinson Road

Realigned:

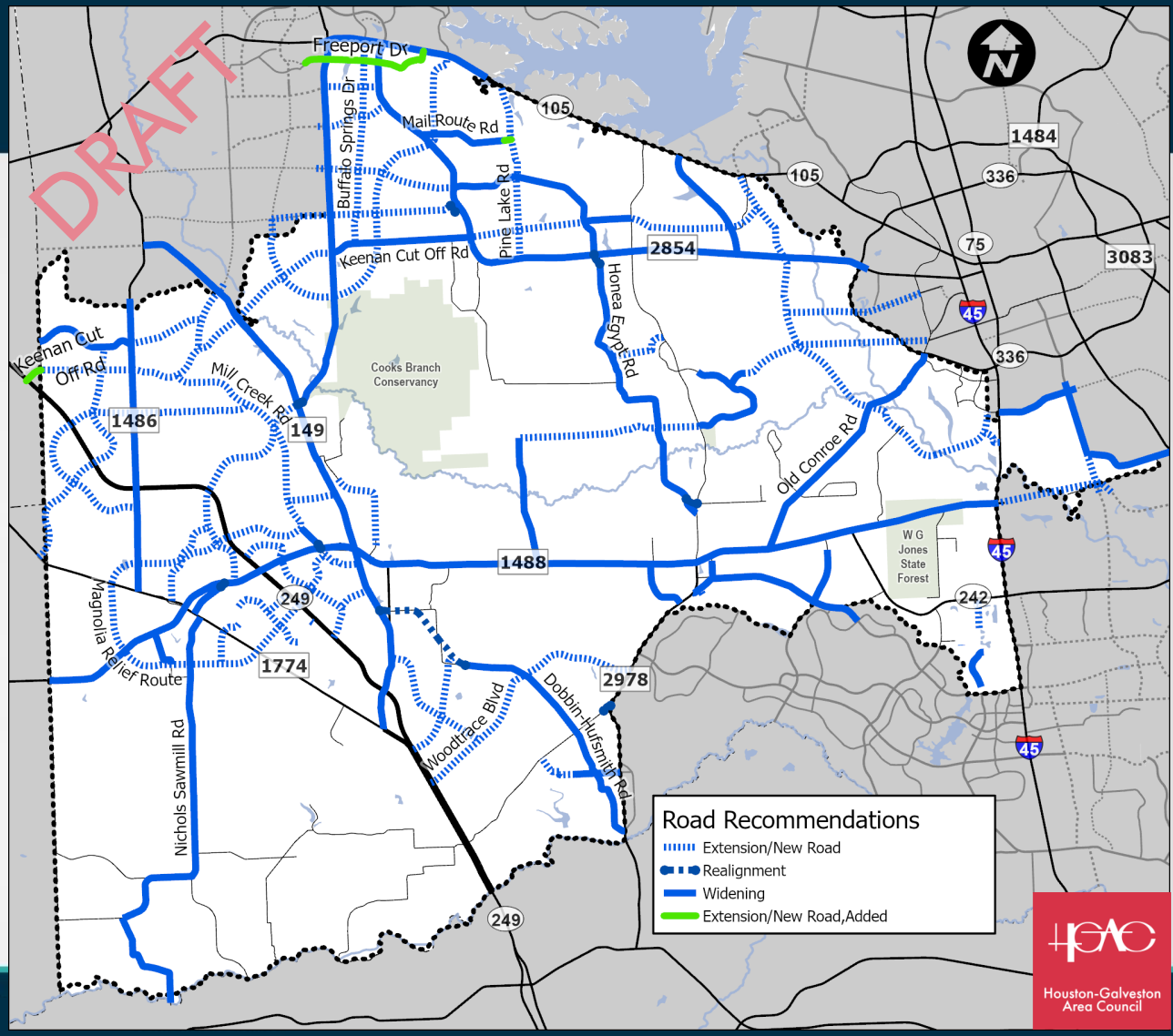
- Woodforest/Corrolla - from Honea Egypt to Superior
- New Road 11 and 8



Modifications after Stakeholder Meetings

Added

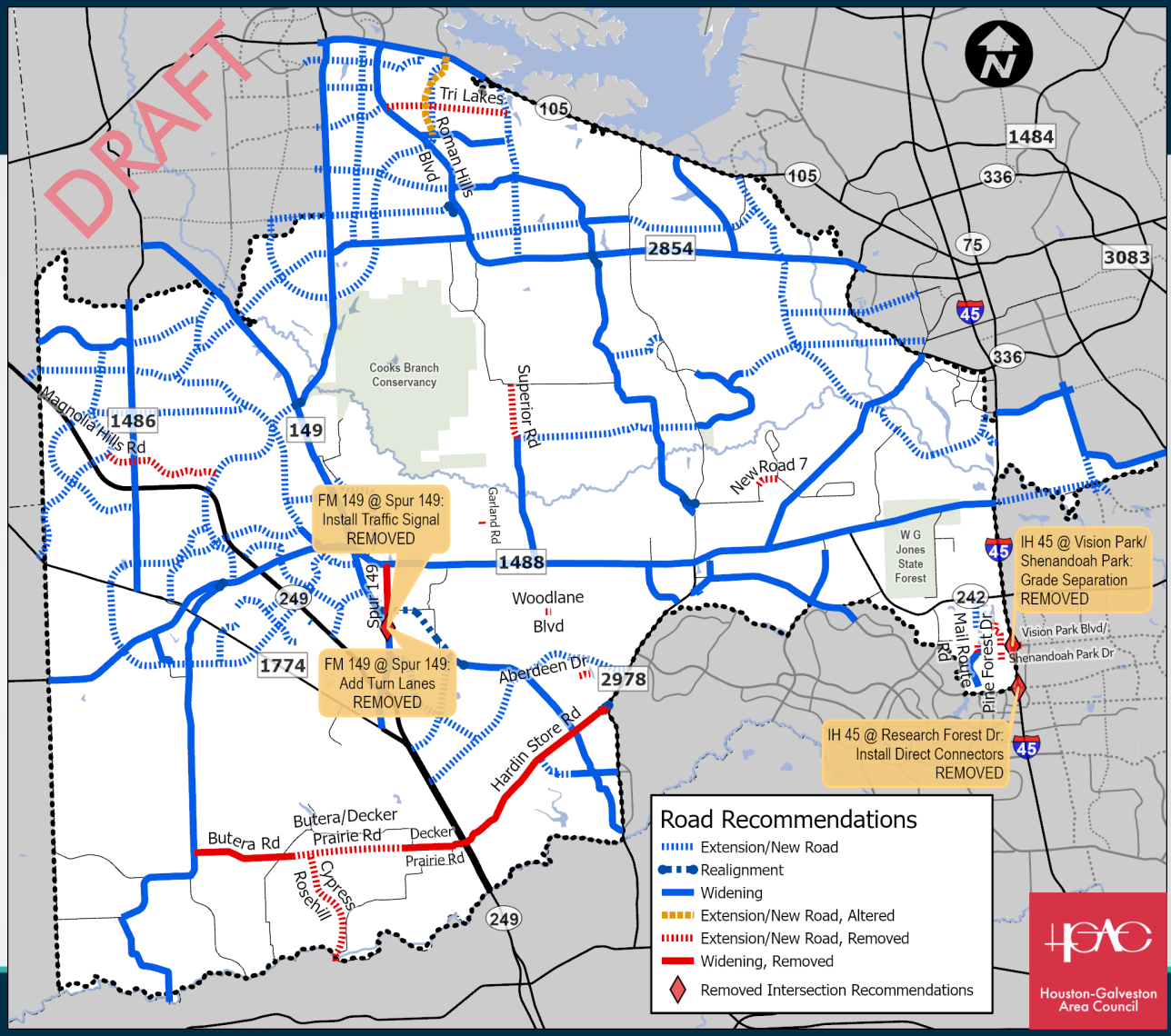
- Freeport Drive
- Keenan Cut-Off connection to SH 249
- Extension of Mail Route Road to Pine Lakes



Modifications after Stakeholder Meetings

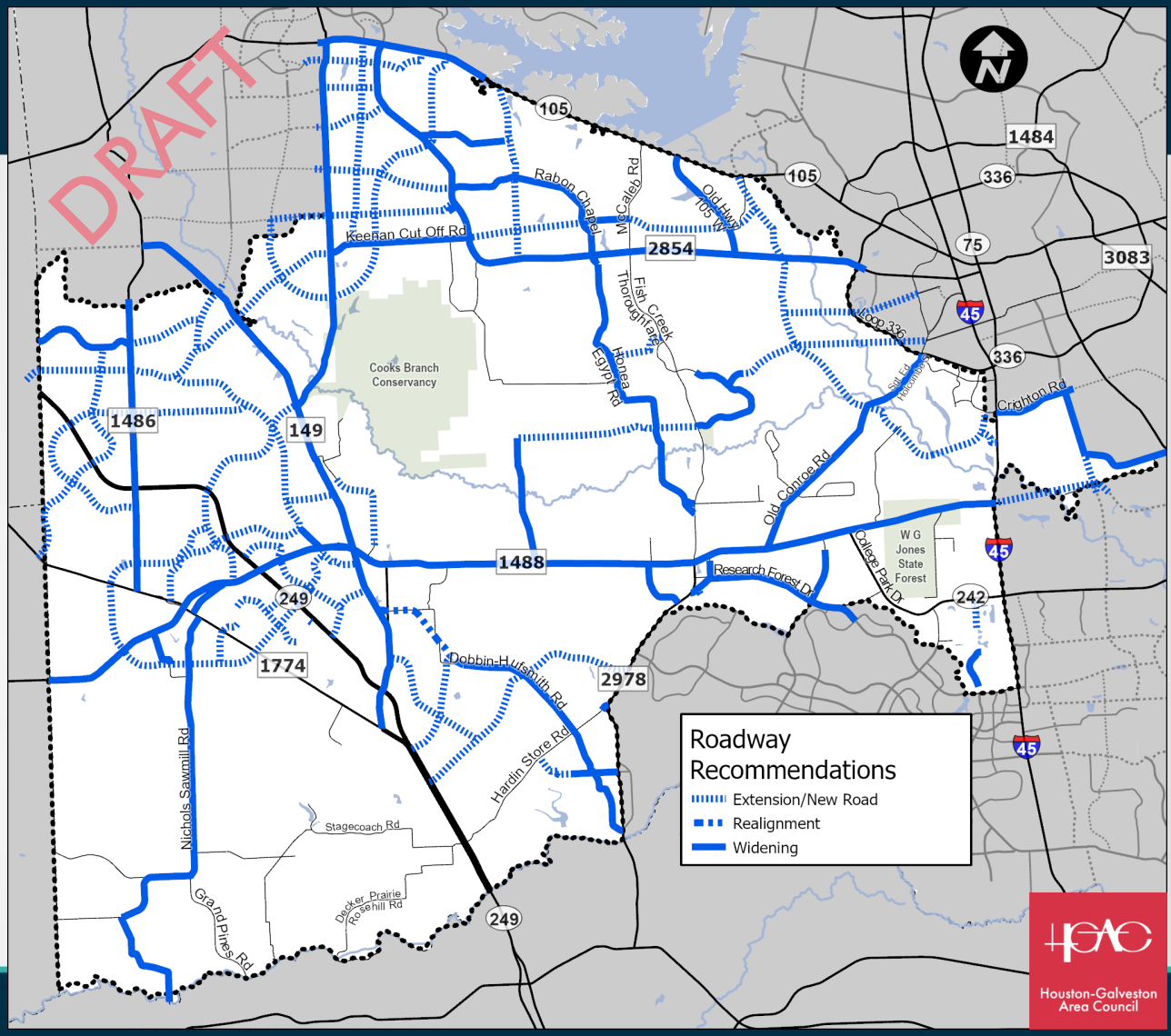
Removed

- Hardin Store Rd (Widening)
- Spur 149 (Widening & Street Lighting)
  - Spur 149 @ FM 149 Intersection Improvements
- Pine Forest Dr (Extensions)
- Superior Rd (Extension)
- Woodforest/Corrolla
- Magnolia Hills Rd
- Superior Road (Adjacent to Cooks Branch)
- Butera Rd/Decker Prairie Rd (Widening & Ext.)
- Cypress Rosehill
- I-45 @ Vision Park/Shenandoah Park Freeway Overpass
- Multiple Small Neighborhood Connectors
- Portion of Tri Lakes Extension (Conflicting Development)



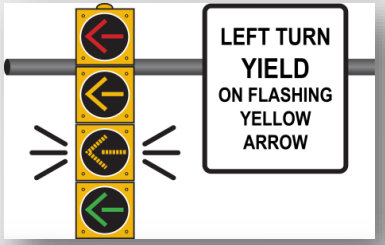
Final Plan

- **Description:**
  - Existing roadway network + revised MP2 recommendations
  - Adds:
    - New roads: 133.5 miles
    - Widens: 145.3 miles
    - Realignments: 3.6 miles
- **Benefits:**
  - Improves connectivity
  - Improves safety
  - Distributes traffic
  - Provides alternative routes

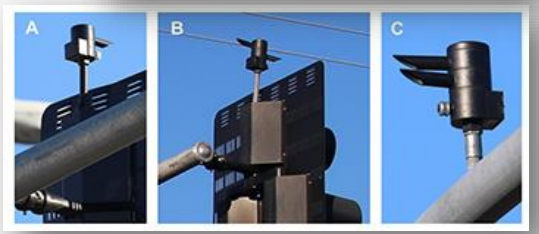


Precinct Wide Recommendations

- ✓ Flashing yellow left turn signals
- ✓ GIS Emergency pre-emption signal equipment
- ✓ Reflective signal backplates
- ✓ Continuous Signal Monitoring (County and State Roads)
- ✓ Precinct 2 - 311 App











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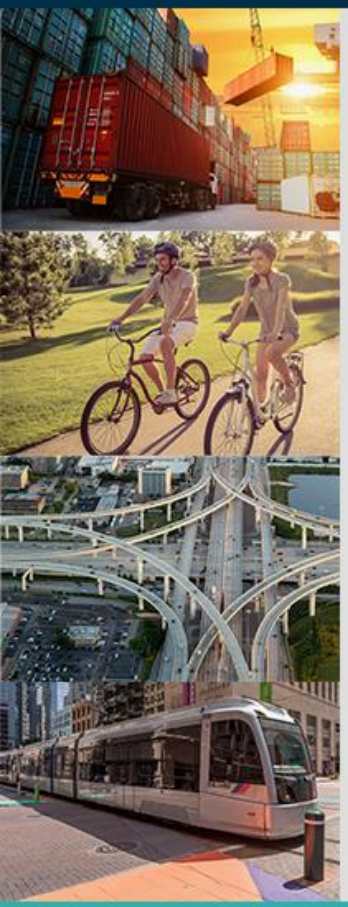
Houston-Galveston Area Council



Road Recommendations

MP2 interactive map

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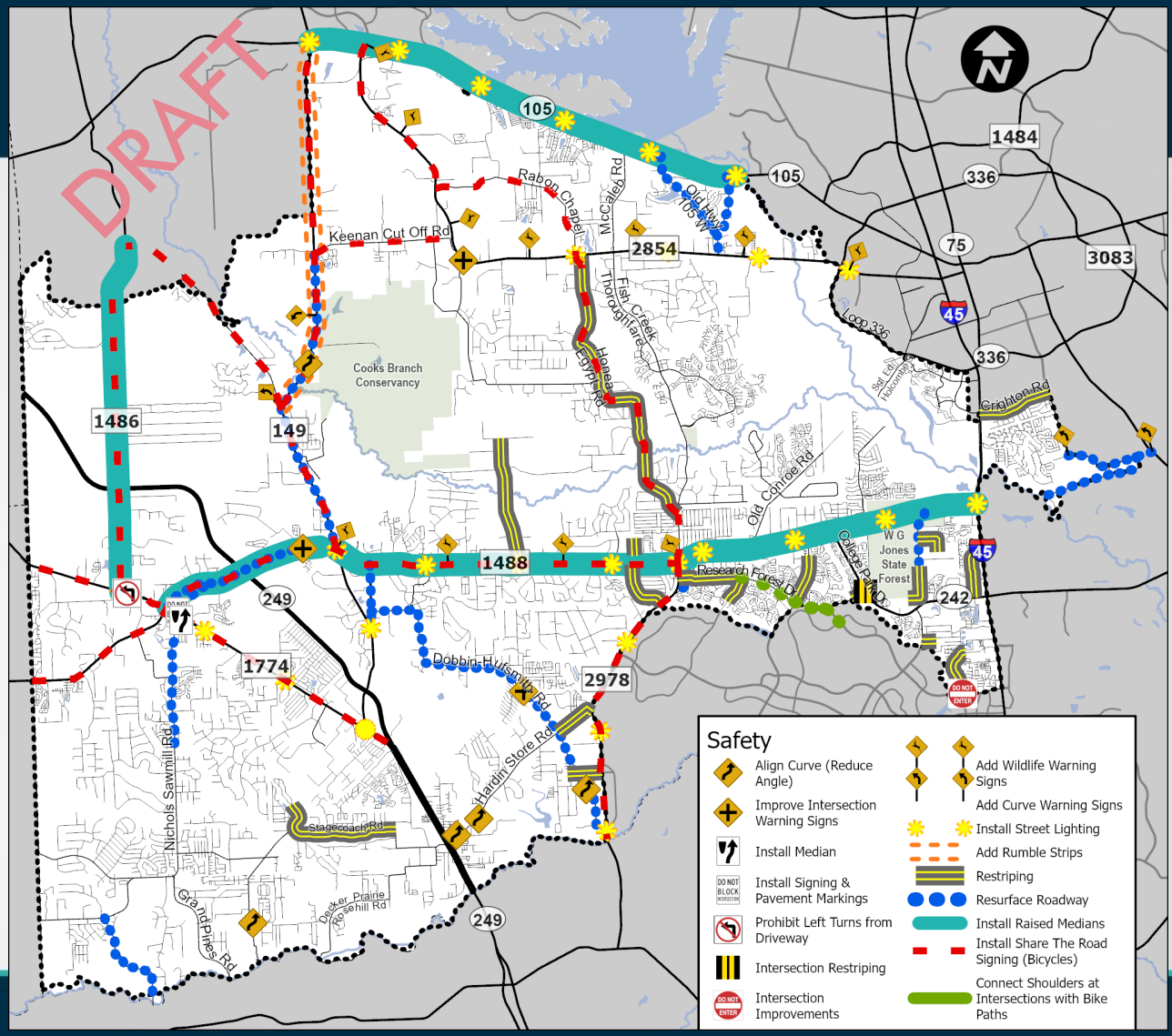
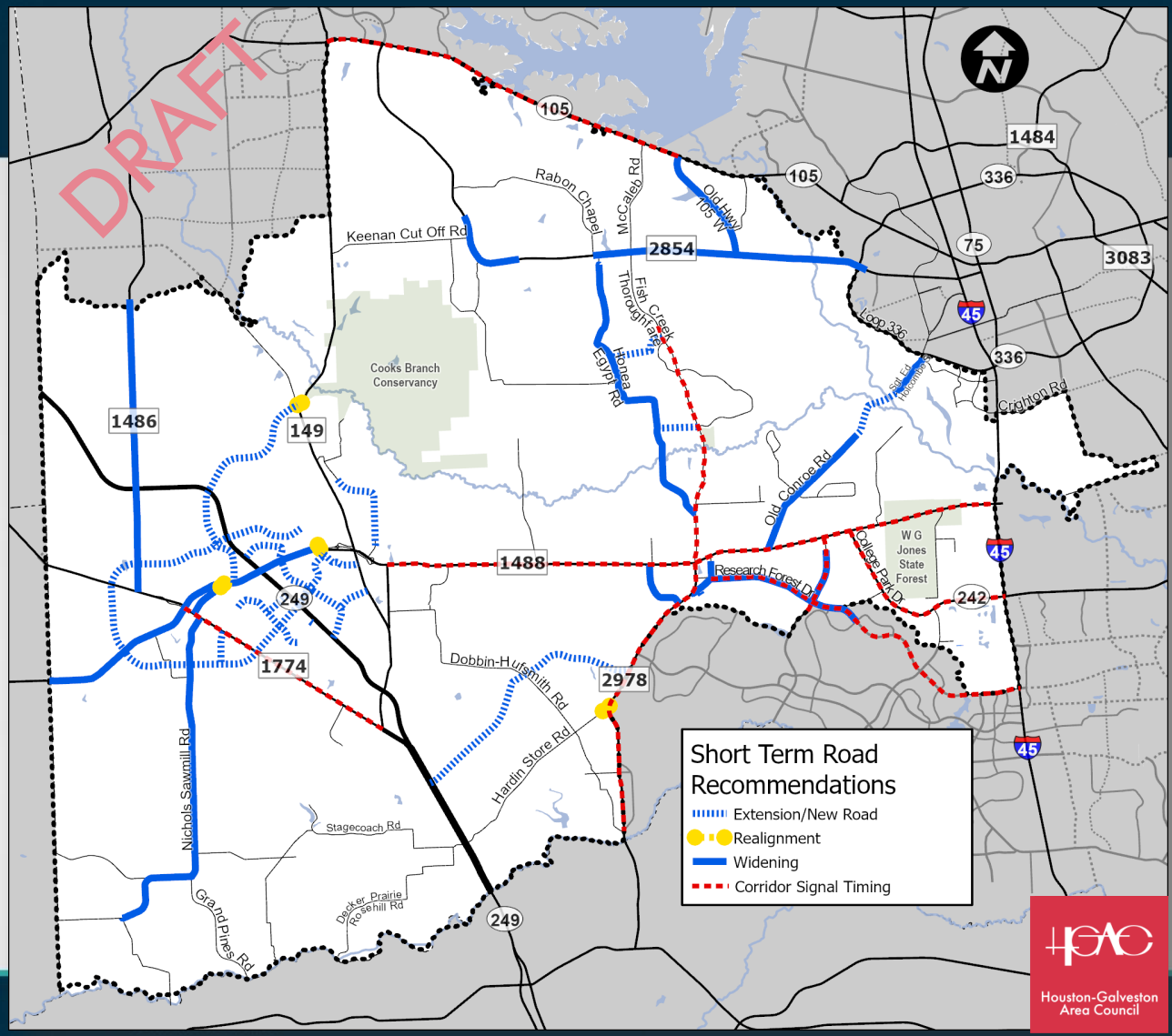
Safety (0-1 year) Recommendations

- Signage
  - Curve Ahead
  - Wildlife Warning
  - Share the Road
- Raised Medians
- Street Lighting
- Rumble Strips
- Restriping



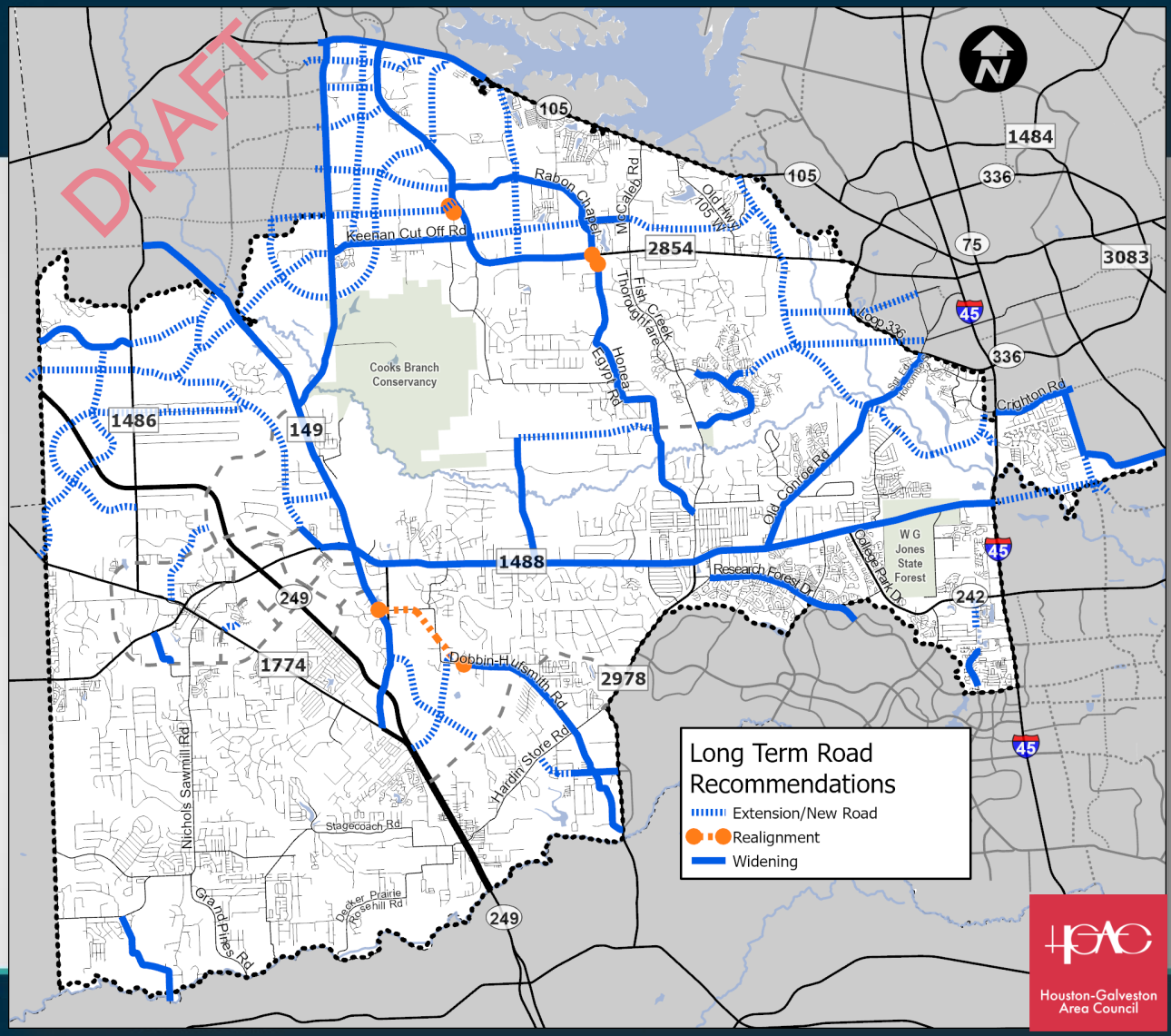
Short-Term (1-10 Years)

- Widen
- Extend
- New Roads
- Realign
- Corridor Signal Timing



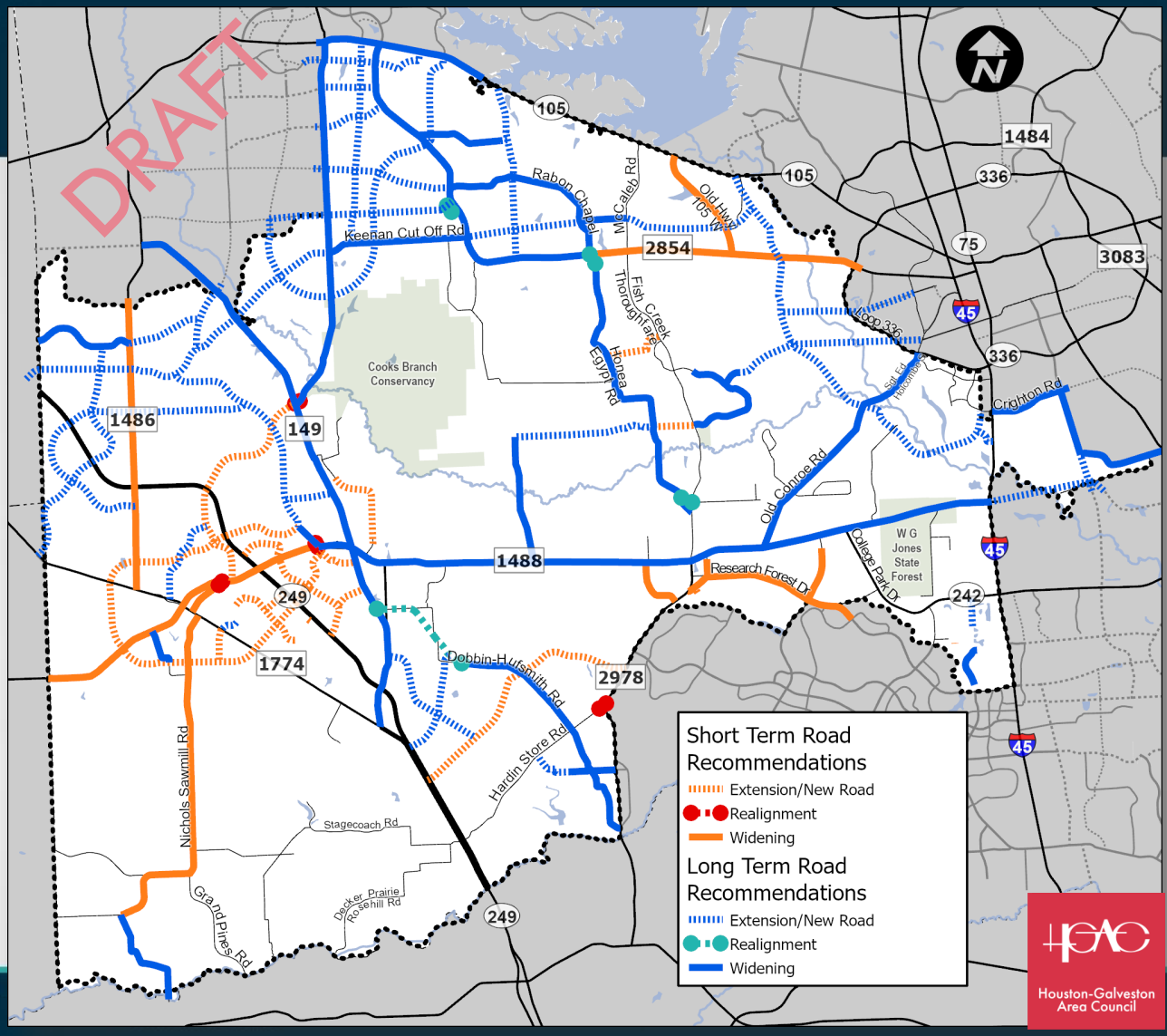
Long-Term (11+ years)

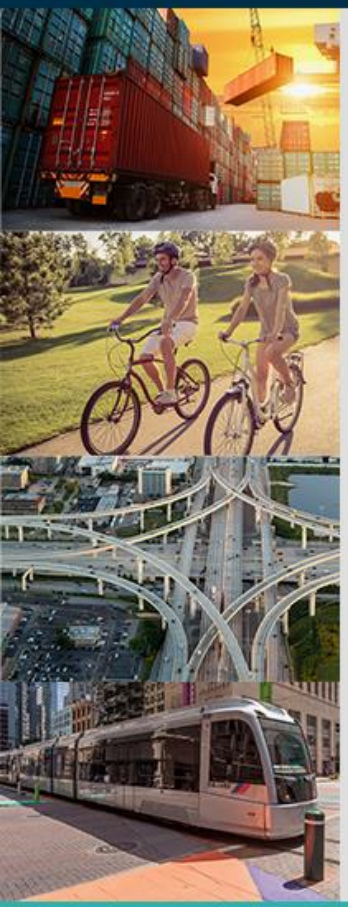
- Widen
- Extend
- New Roads
- Realign



New Network

- Widen
- Extend
- New Roads
- Realign





Intersection Recommendations

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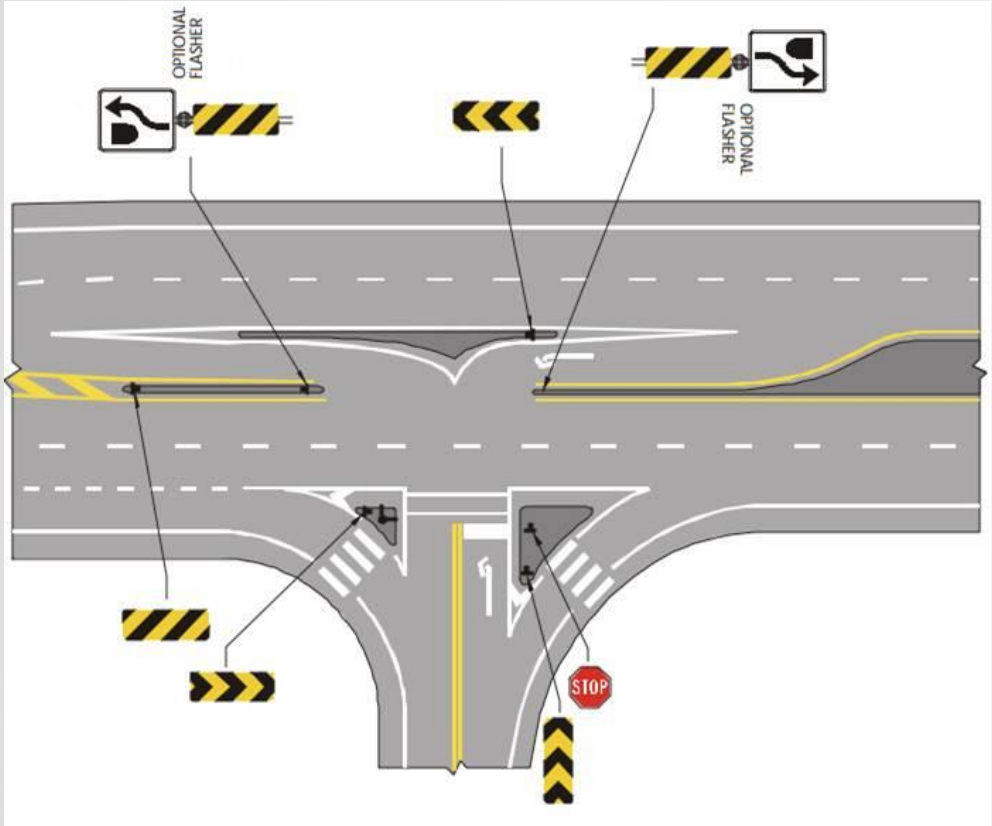
Roundabouts



Benefits

- Reduce all crashes by 44%
- Reduce serious injury/death by 72%
- Fewer points of impact (roundabouts 8 vs traditional 32)
- No possibility of head-on collisions
- No possibility of running a red light
- Fewer possibilities of a serious accident
- Slower speeds all around
- Moves traffic more efficiently which reduces delays and fuel consumption.

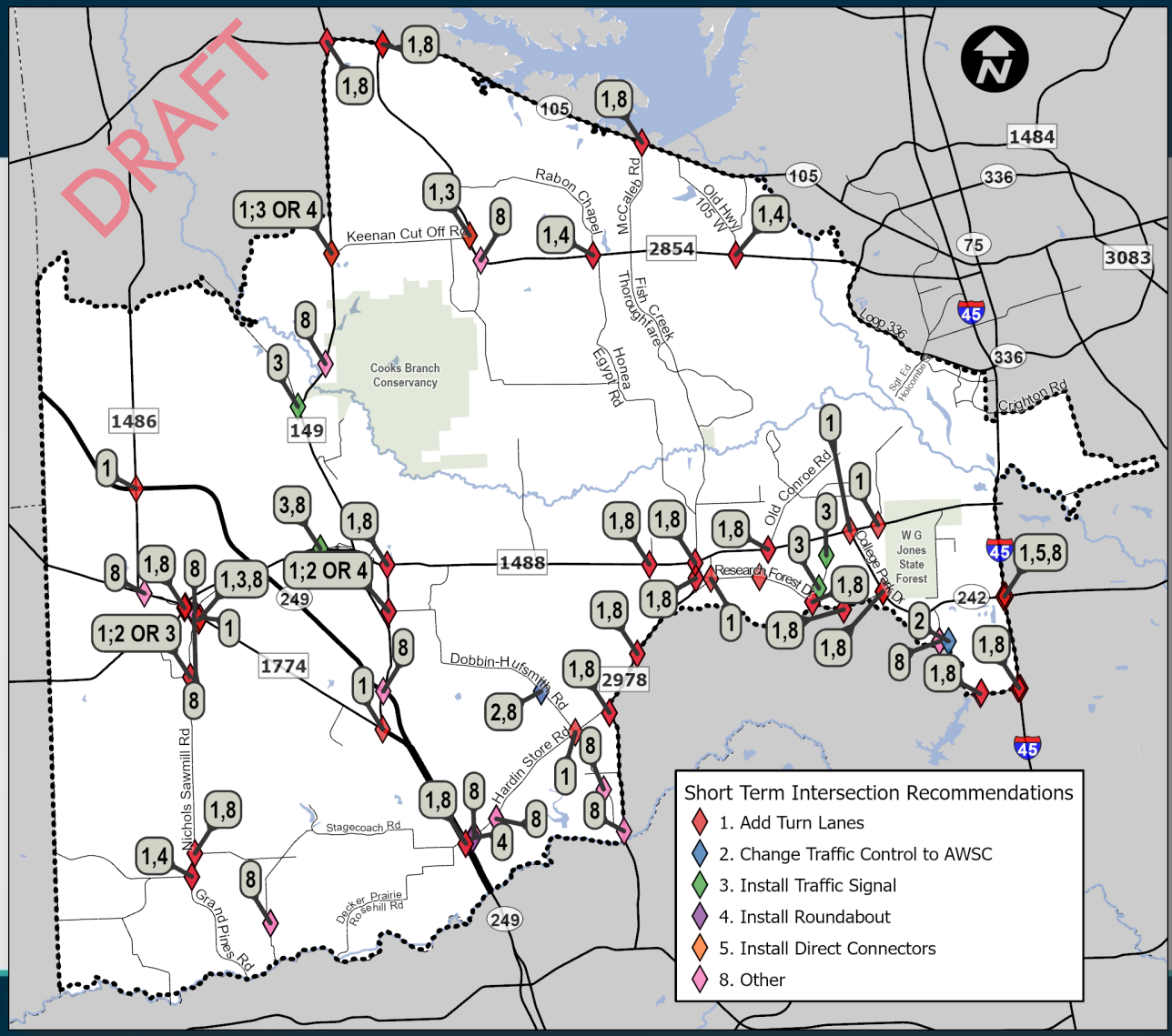
Continuous Green-T Intersection



- Improved safety
  - Provides physical separation and a safer and quicker left-turn from a side street.
- Increased efficiency
  - One direction is free-flow allows more green time to other movements, reducing delays
- Free-flow in one direction
  - Reduces corridor travel times

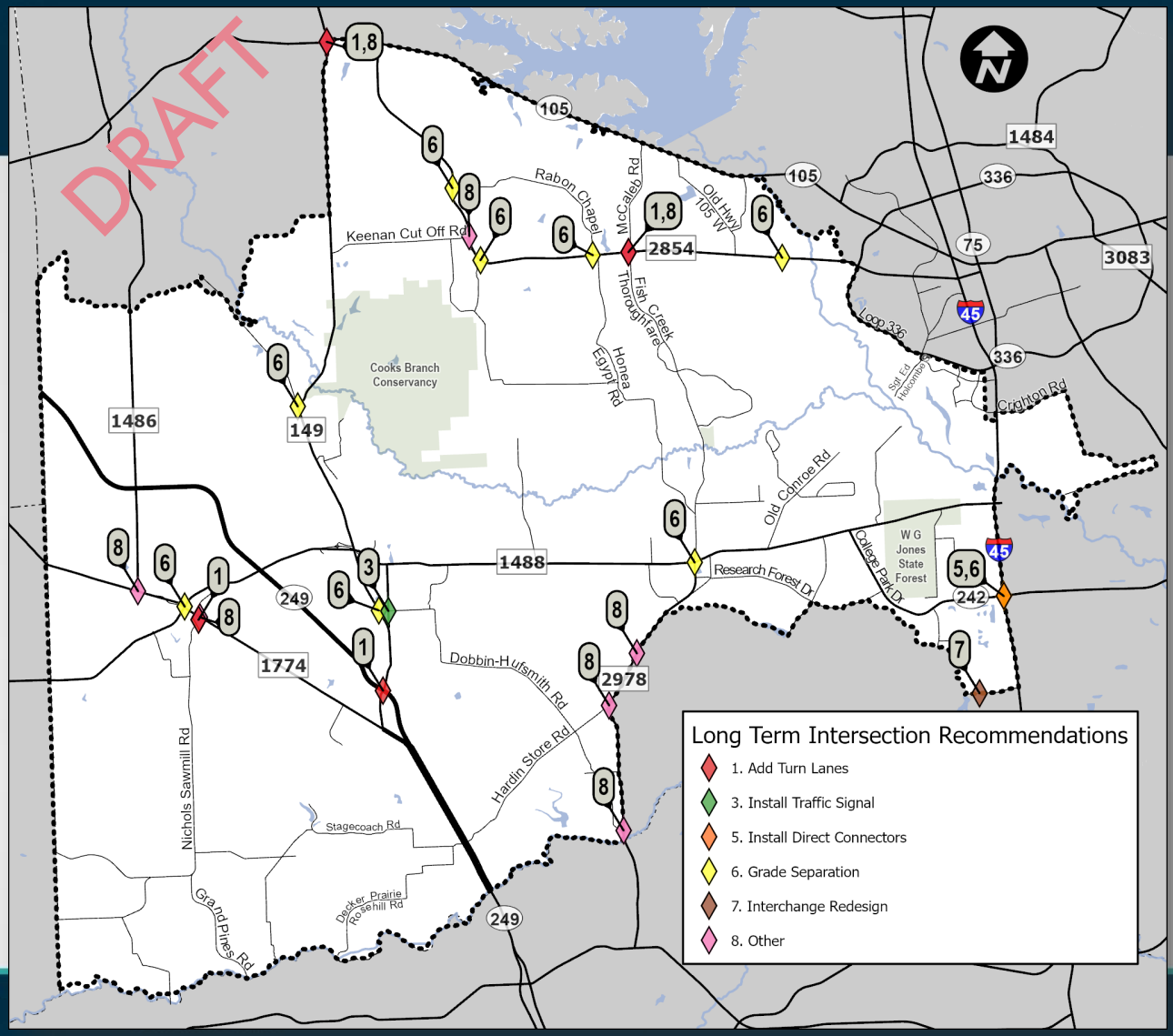
Short-Term (1-10 years)

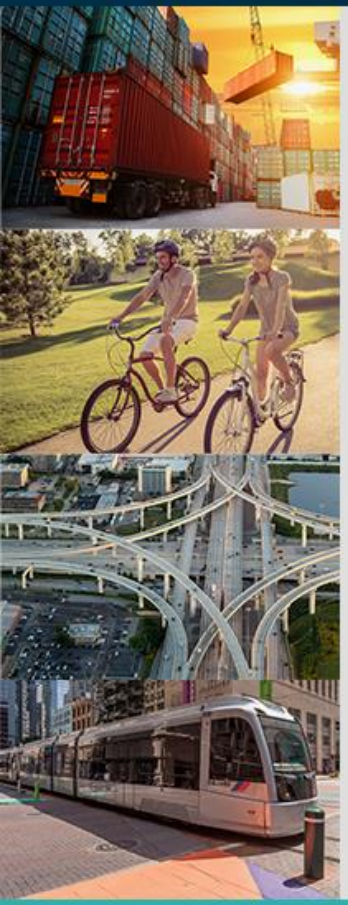
- Add turn lanes
- Change traffic control to All Way Stop Control
- Traffic Signals
- Roundabouts
- Direct connectors



Long-Term (11+ years)

- Grade separations
- Continuous Green-T
- Director connectors
- Roundabout
- Interchange redesign





Active Transportation

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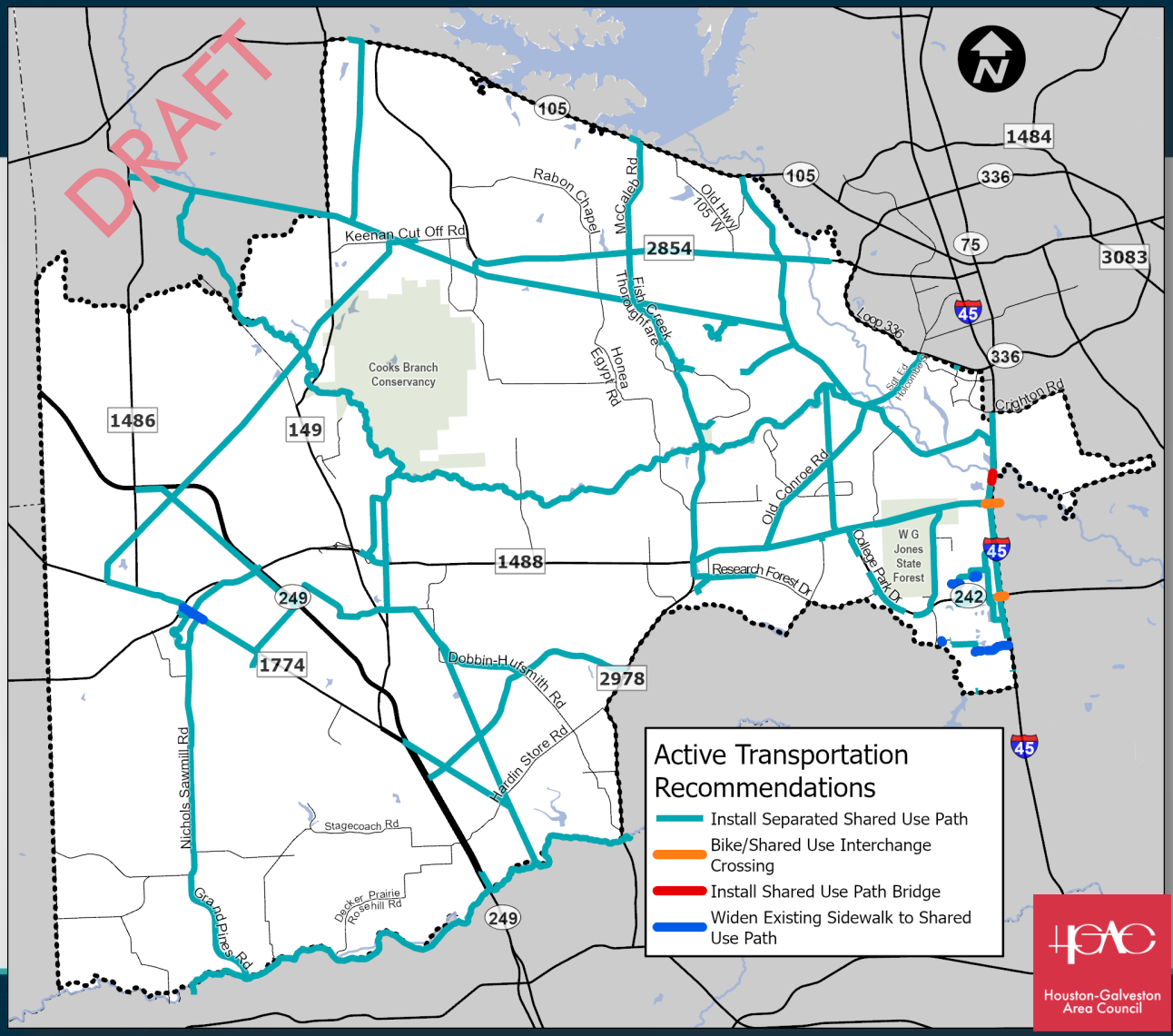
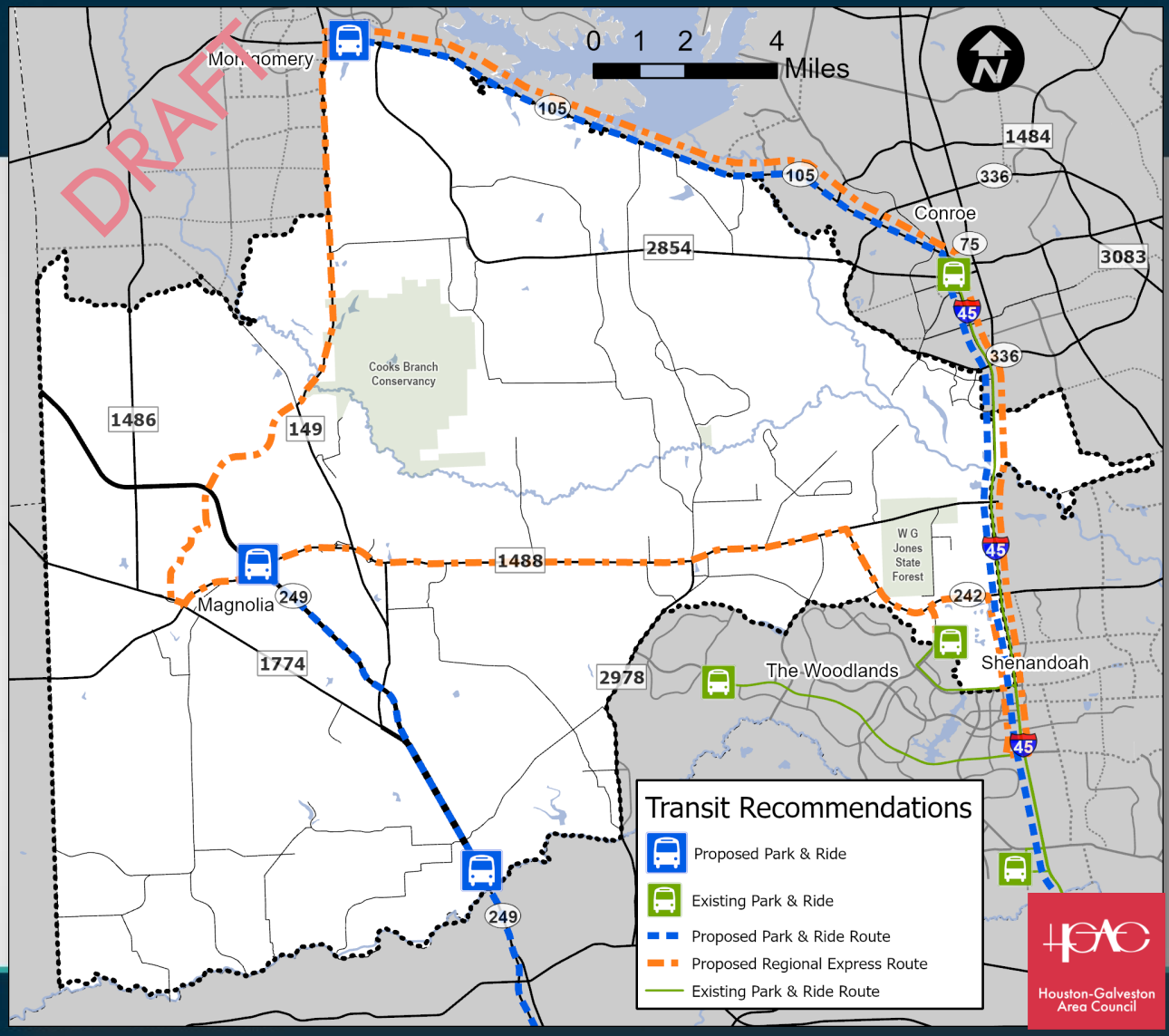
Active Transportation

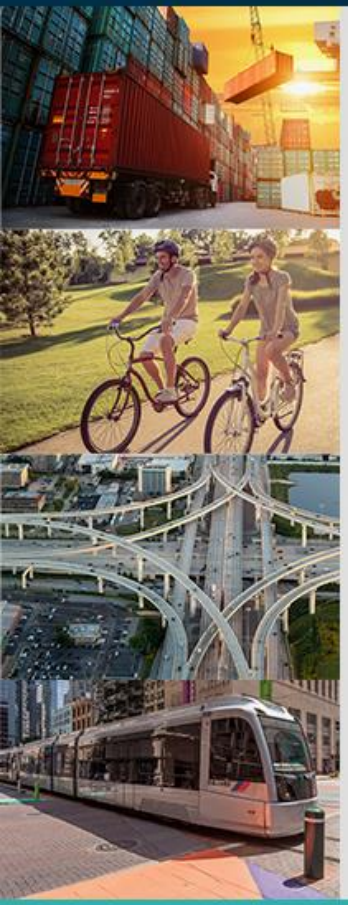
- Shared use paths located in/adjacent to:
  - Rivers, creeks, floodplain,
  - Easements: railroad and utility
  - Adjacent to road
- Widen or extend existing sidewalks



Transit

- Park & Ride facilities near Montgomery, Magnolia, and just north of Tomball
- Express route that connects Conroe-Montgomery-Magnolia-The Woodlands





Plan Cost

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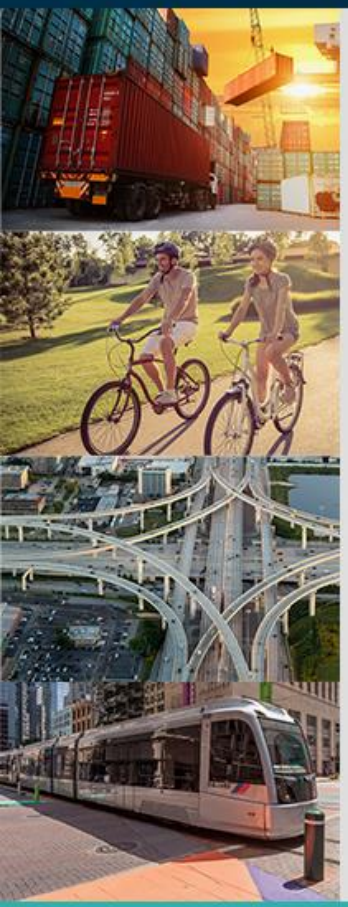
Estimated Cost



Roadway Network	MM
Safety:	$61.0
Short-term:	$972.1
Long-term:	$2,174.3
Total:	$3,207.4

Active Transportation	MM
Bike/Pedestrian:	$302.7
Transit:	$26.0
Total:	$328.7

Plan Total **$3,536.1 Million**

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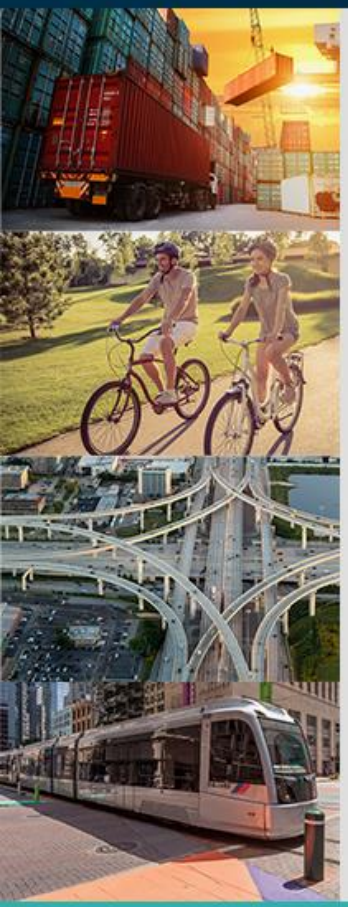
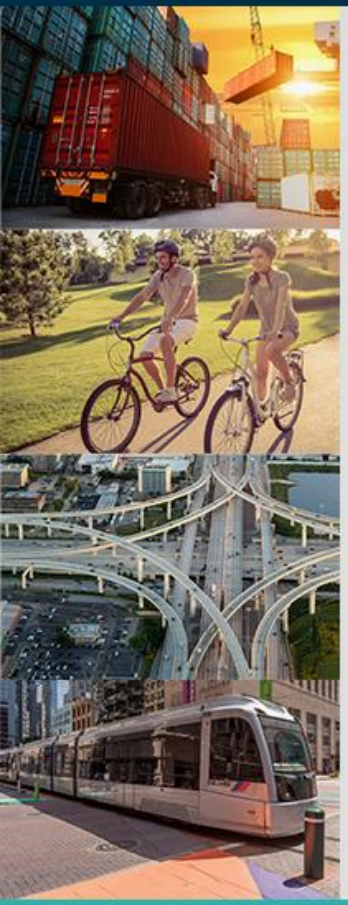


Next Steps

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

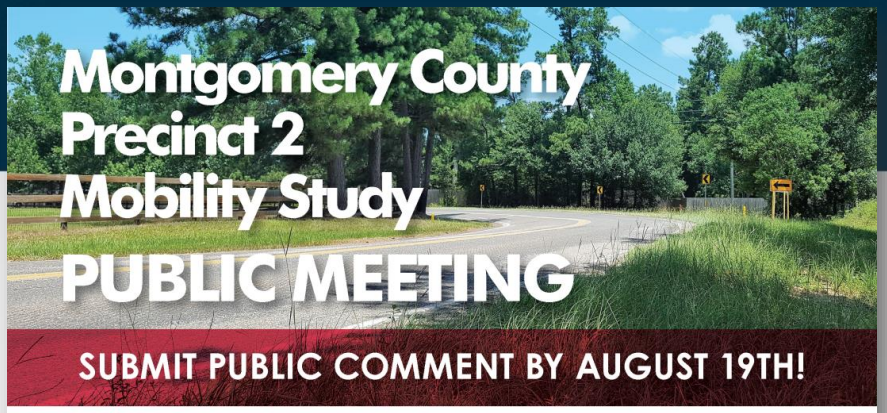
Public Meeting



- **Date:** Thursday, August 4, 2022
- **Time:** 6:00 – 7:30pm
- **Location:** Magnolia Event Center
  11659 FM 1488
  Magnolia, TX 77354

Email blast will be sent out to committee for distribution.

Regional Collaboration • Transportation Planning



SUBMIT PUBLIC COMMENT BY AUGUST 19TH!

Residents and employees living or working in Montgomery County Precinct 2 are invited to a public meeting on **Thursday, August 4, 2022**.

Montgomery County Precinct 2 Commissioner Charlie Riley, the Houston-Galveston Area Council, and TxDOT have been working together to analyze the mobility issues and recommend projects to improve safety and overall mobility for people, goods, and services.

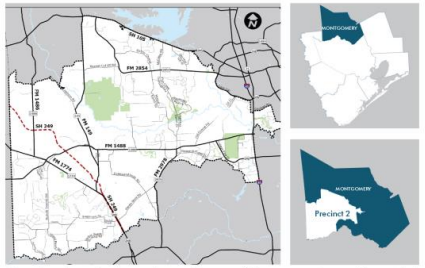
PUBLIC MEETING

MAGNOLIA EVENT CENTER
11659 FM 1488, MAGNOLIA, TX 77354

THURSDAY, AUGUST 4, 2022
6:00 PM - 7:30 PM

The goal of the meeting is to receive feedback from the public on the Montgomery County Precinct 2 Mobility Plan recommendations.

PROJECT STUDY AREA



Magnolia is located within study area. Portions of Montgomery, Conroe, Shenandoah, and The Woodlands are located within the study area.

GET INVOLVED

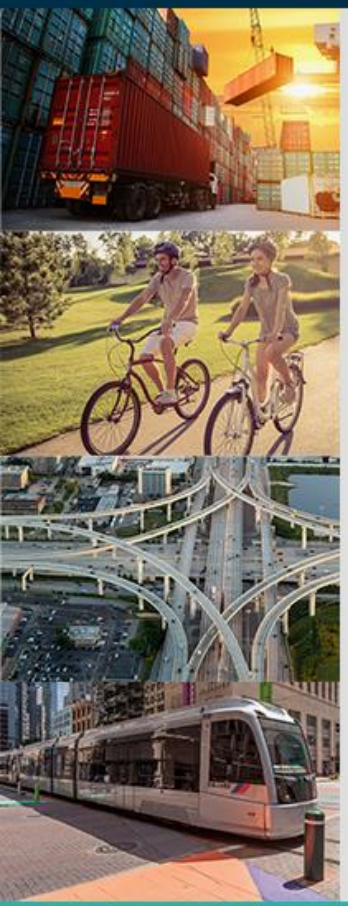
Visit **engage.h-gac.com** or scan the QR code below to learn more about the project, view the interactive recommendation map and submit public comments by **Friday, August 19, 2022 at 5 PM.**

- EMAIL: **PublicComments@h-gac.com**
- PHONE: **1-855-363-2516**
- MAIL:
  Montgomery County Precinct 2 Mobility Study
  P.O. Box 22777
  Houston, TX 77227-2777

H-GAC will provide Spanish and American Sign Language interpreters. Additional language or accommodation requests can be made by calling 832-681-2585 or emailing carlene.mullins@h-gac.com within 48 hours of the event.

Houston-Galveston Area Council

Next Steps



- Public meeting – August 4, 2022
- Steering Committee Meeting – September
- Final report - Fall 2022

MP2 interactive map

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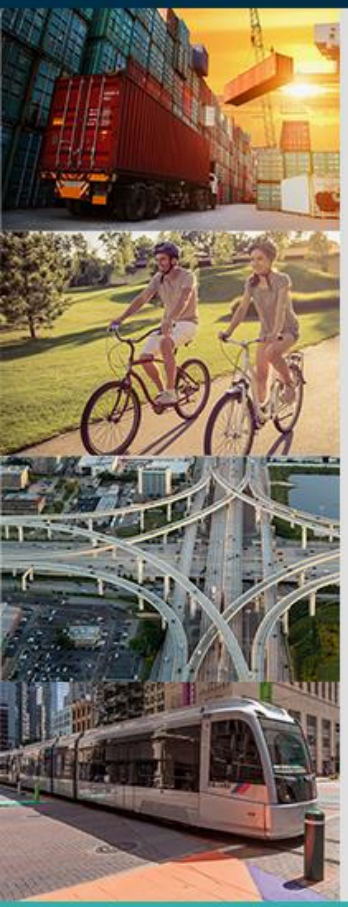
Houston-Galveston Area Council

THANK YOU!



- **Carlene Mullins – Project Manager**
  Carlene.Mullins@h-gac.com
- **Justin Kuzila – Project Planner**
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

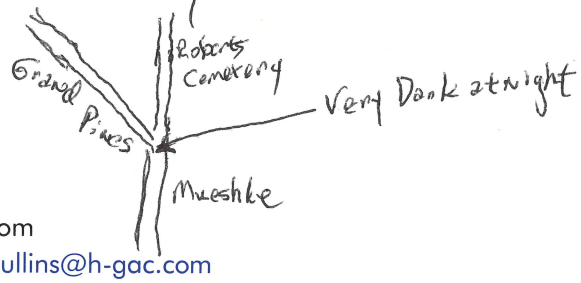
PUBLIC COMMENTS

1) Add Roundabouts – Improved Safety – Reduce hold time – Save Fuel
2) Add Roundabouts – Improved Safety – Reduce hold time – Save Fuel
3) Add Roundabouts – Improved Safety – Reduce hold time – Save Fuel
4) Add Roundabouts – Improved Safety – Reduce hold time – Save Fuel
5) Add Roundabouts – Improved Safety – Reduce Hold time – Save Fuel

} Millions of gallons of fuel per year

Bill Berger
8-4-2022

PS – Need a Street light at the intersection of Grand Pines and Roberts Cemetery + Mueshke Rd. – Very dark at night



Website: Engage.H-GAC.com
Carlene Mullins: carlene.mullins@h-gac.com
Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

Please DO NOT come through Magnolia Crossing!!

Website: Engage.H-GAC.com
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Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

NO OAK CROSSING

thru fare

Website: Engage.H-GAC.com
Carlene Mullins: carlene.mullins@h-gac.com
Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

Rumble Strips - if you want cyclists to the Right of the white line (as far away from cars as possible) don't put the rumble strip in that area. I have seen rumble strips in TX that are as wide as the white line & on the white line

Spur 149 - needs widening! → How does this promote safety & less congestion

Traffic light @ 149 / Spur 149 - already major accidents - why remove?

Website: Engage.H-GAC.com
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Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

#1 priority is relief of FM 1488 to FM 1774
— need relief roads NOW! —

Frank Parker
2819248666
fparkervmi44@gmail.com

Website: Engage.H-GAC.com
Carlene Mullins: carlene.mullins@h-gac.com
Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

Remove the widening of Grogans Mill from 2 lanes to 4 lanes.

Per Charlie, NO widening! That will be removed. :)

Thank you.

Website: Engage.H-GAC.com
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Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

The right-hand turn (acceleration lane) from Groganis Mill (South) onto Research Forest (West). This is the first construction step to Commissioner Riley's construction plans. Engineer John Bleyl & Commissioner Riley presented a plan for this intersection. The slide in the presentation does not show the acceleration lane.

The plan shows Grogan's Mill Road north of Research Forest scheduled for widening (& subsequent restriping). At tonight's meeting, Commissioner Riley stated that Groganis Mill Rd. north of Research Forest was not going to be widened to four lanes. Could this please be changed on the plan to remove the widening of Groganis Mill Rd. north of Research Forest.

Website: Engage.H-GAC.com
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Houston-Galveston Area Council

Thank you, H-GAC!

MASSIVE THANK YOUS to Commissioner Riley!

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

NO TREE FARM ROAD IT DISPUPTS WETLANDS AND BI-SECTS OUR LAND, WOULD ISOLATE 38 ACRES.

MARK & ANNE HAMMONS
281-723-5913
email: madgtex@gmail.com

Charlie said it was not going to be a valid road.

Website: Engage.H-GAC.com
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Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

Please do something to the raised medians to make the streets more appealing or attractive to drive. 1774 just looks like a drag strip with the current lay out.

Also not a fan of the relief route overpass idea at 1774 over the tracks

Website: Engage.H-GAC.com
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Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

(1) ADD TURN LANES & WIDEN ~~[redacted]~~ OF DECKER PRAIRIE & 249 (westside) — DECKER PRAIRIE AT INTERSECTION

(2) ADD TURN LANES & WIDEN OF HARDEN STORE @ 249 (east side of same intersection) — HARDEN STORE AT INTERSECTION

(3) NEED TO PUT IN SMART LIGHT AT WOODTRACE & 249. LIGHT IS TOO LONG ON WOODTRACE WHEN NO TRAFFIC ON 249 FEEDER

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Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

new Road being put in on my property on 818 Buckhorn In. Really puts my family in abad spot. we live on almost 5 acres your ~~plan~~ plan is to cut that in over half. My wife and I have raised both our boys ages 5 and 9. We have all kinds of live stock including Horses, cows, chickens, pigs ect. ~~the~~ the kids are home ~~Schooled~~ Schooled, They get to leer on our ~~farm~~ farm. we dont have other land, property to move all these things to. The amount of what land and houses cost now is not in the budget ~~o~~ we hope you will take this in to consideration Thanks, Josh Stepp.

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Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

We have been told Woodforest Corvolla will be done in 2024. Your map shows 11+ year plan. Which is it?

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Carlene Mullins: carlene.mullins@h-gac.com
Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

Keep the road extension through Magnolia Crossing (Magnolia Ridge) out of this and any future plan.

No extension through Magnolia ~~Ridge~~ Crossing.
Thank you!

Deana Hicks
Magnolia Crossing Resident

Website: Engage.H-GAC.com
Carlene Mullins: carlene.mullins@h-gac.com
Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

Public Meeting 2
August 4, 2022 6:00pm – 7:30pm

Website/Survey

PUBLIC COMMENTS

In your "Safety Page" – your "RESTRIPING" on EAST SIDE of WG. JONES STATE FOREST" – should be LIMITED to the developed part of Peoples Rd. – STOPPING at the GATE for TX A+M Forest Division barrier to park – It's a dirt/gravel access for fire trucks – not general traffic –
otherwise you are violating SB 345 (Toth/Creighton bill protecting forest.
(It's hard to tell on your graphics that the restriping does STOP & DOESN'T enter Forest land & stops at A+M fence.
– Jones Forest – NO installation of separated shared use Path (in above mentioned east side of protected Jones Forest

SB345 BILL →

*YES, YES, YES to SIGNAL SYNCHRONIZATIONS – *

– Great recomm on Research + Grogans! – *

Website: Engage.H-GAC.com
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Justin Kuzila: justin.kuzila@h-gac.com

Houston-Galveston Area Council

S.B. No. 345

AN ACT

relating to the use of land in the William Goodrich Jones State Forest.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Subchapter B, Chapter 88, Education Code, is amended by adding Section 88.1085 to read as follows:

Sec. 88.1085. USE OF LAND IN WILLIAM GOODRICH JONES STATE FOREST. (a) For the purpose of this section, the "Jones State Forest" means the real property owned by the state for the use and benefit of The Texas A&M University System to demonstrate reforestation work and forest management work under the Texas A&M Forest Service, consisting of approximately 1,722 acres in Montgomery County, and formally dedicated and named the William Goodrich Jones State Forest.

(b) Except as provided by Subsection (c), the entire territory of the Jones State Forest must remain natural, scenic, undeveloped, and open in a manner that maintains the tree canopy cover of the forest. No statute, rule, policy, or ordinance may be enforced with respect to the territory of the Jones State Forest, other than a statute, rule, policy, or ordinance that protects and conserves the natural resources, air quality, or water quality of the Jones State Forest.

(c) This section does not preclude the Texas Department of Transportation, for the current operation or future expansion of Farm-to-Market Road 1488, from:

(1) using an easement that is owned by the state for the benefit of the department for a highway purpose; or

(2) acquiring an additional interest in real property.

SECTION 2. This Act takes effect September 1, 2019.




Montgomery County Pct. 2 Mobility Study Public Meeting




August 4, 2022

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council



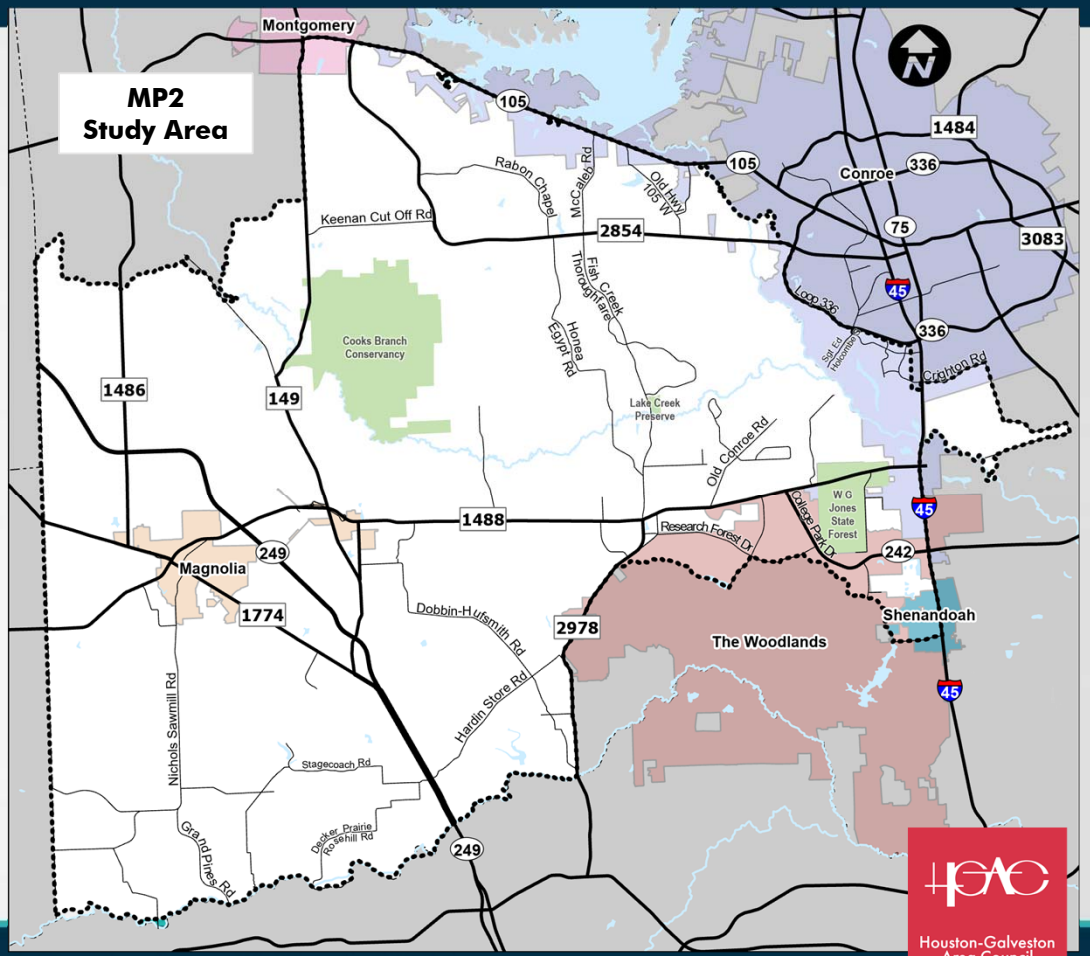
Study Overview

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Project Overview

- **Sponsor:**
  - Montgomery County Precinct 2 Commissioner Charlie Riley
- **Vision:**
  - *Develop a safe, well-connected and efficient multi-modal transportation system, achieved through coordinated public and private investments, that promotes orderly growth and provides adequate mobility for people, goods and services.*
- **Process:**
  - Analyze existing transportation network.
  - Consider existing/future land use.
  - Receive input from public.
  - Develop actionable plan.
- **Study Results:**
  - Transportation plan "List of Projects"
  - Roadway Inventory



Houston-Galveston Area Council

Regional Collaboration • Transportation Planning • Multimodal Mobility

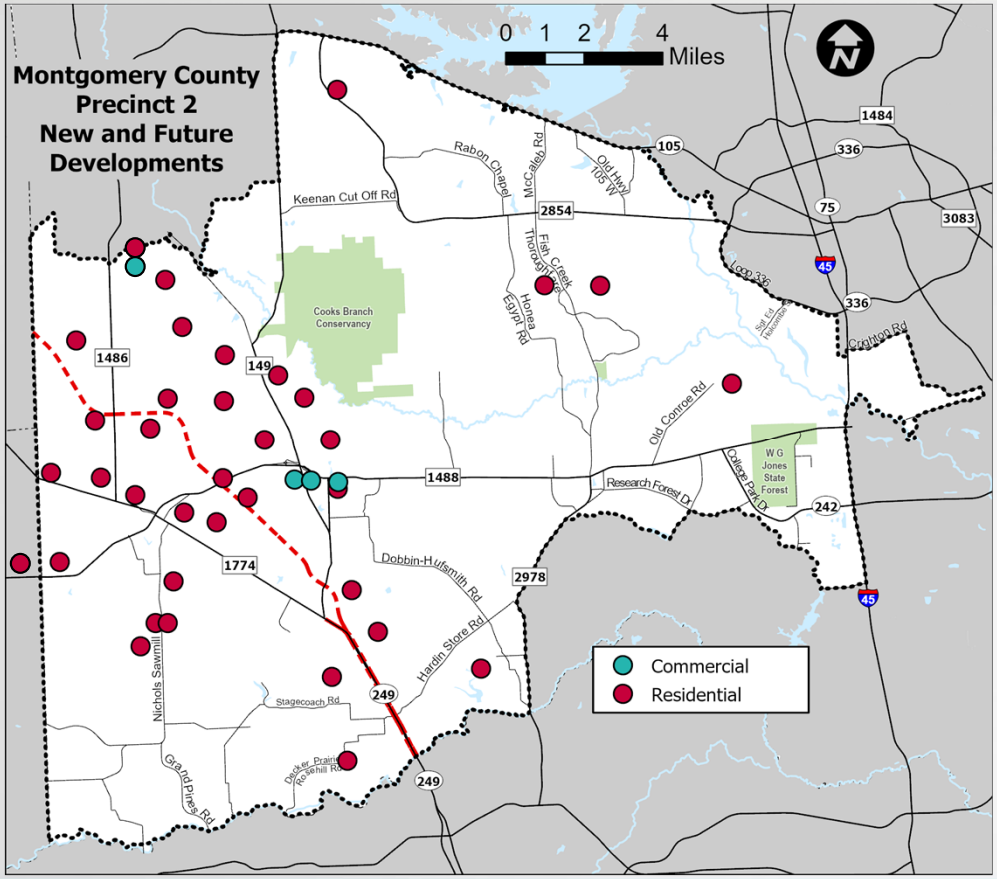
Identified Issues

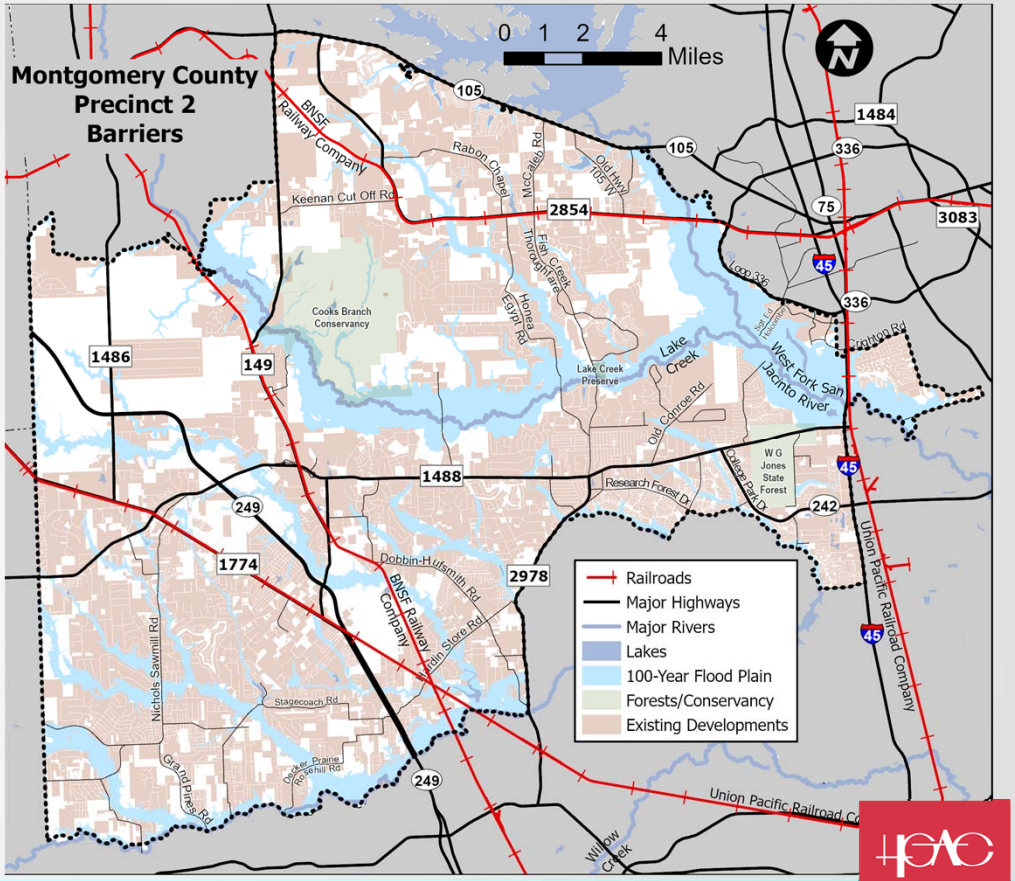
Major Issues	Steering Committee	Stakeholder Groups	Public Input
Traffic Congestion	X	X	X
Dangerous Road Curves	X	X	X
North/South Connectivity	X	X	X
East/West Connectivity	X		X
Transit Needs	X	X	
Intersection Congestion	X	X	X
Need Bike Routes	X	X	X
Corridor Signal Timings	X	X	X
Railroad Crossings	X	X	X
Flooding near IH-45/SH242	X		X
Extend Old Conroe Road	X	X	X
FM 2978 Construction	X	X	X
School Traffic	X		X
Safety - Crashes	X	X	X
New Developments	X		X
Hospital Access		X	
Need Turn Lanes			X
Access Management			X
Road Widening			X
Street Lighting			X
Sign and Pavement Marking			X



Houston-Galveston Area Council

Identified Issues





Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council



Plan Development

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

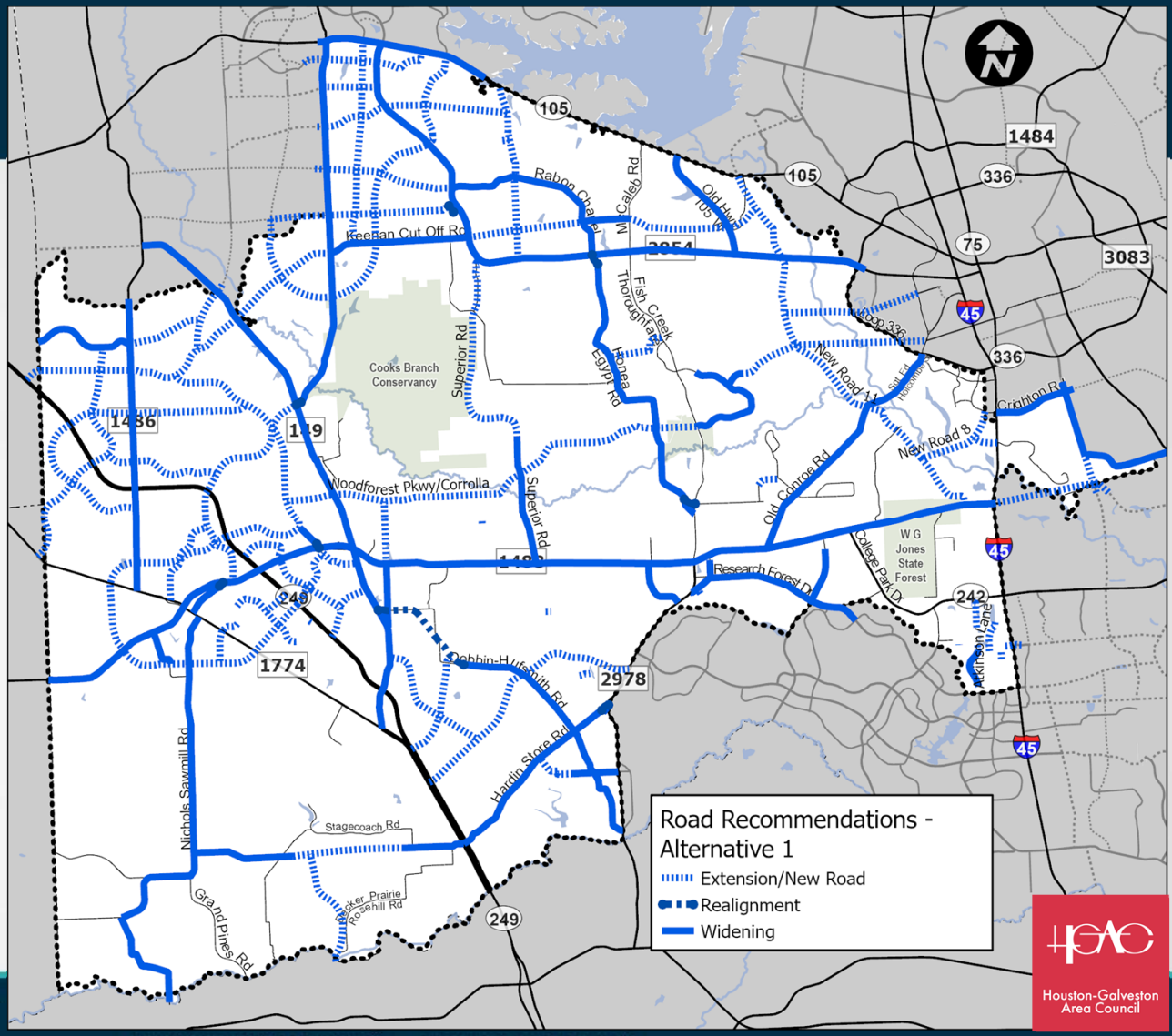
Alternative 1

Description:

- Existing roadway network + MP2 recommendations
- Adds:
  - New roads: 245 miles
  - Widens existing roads
  - Extends existing roads

Benefits:

- Improves connectivity
- Improves safety
- Distributes traffic
- Provides alternative routes



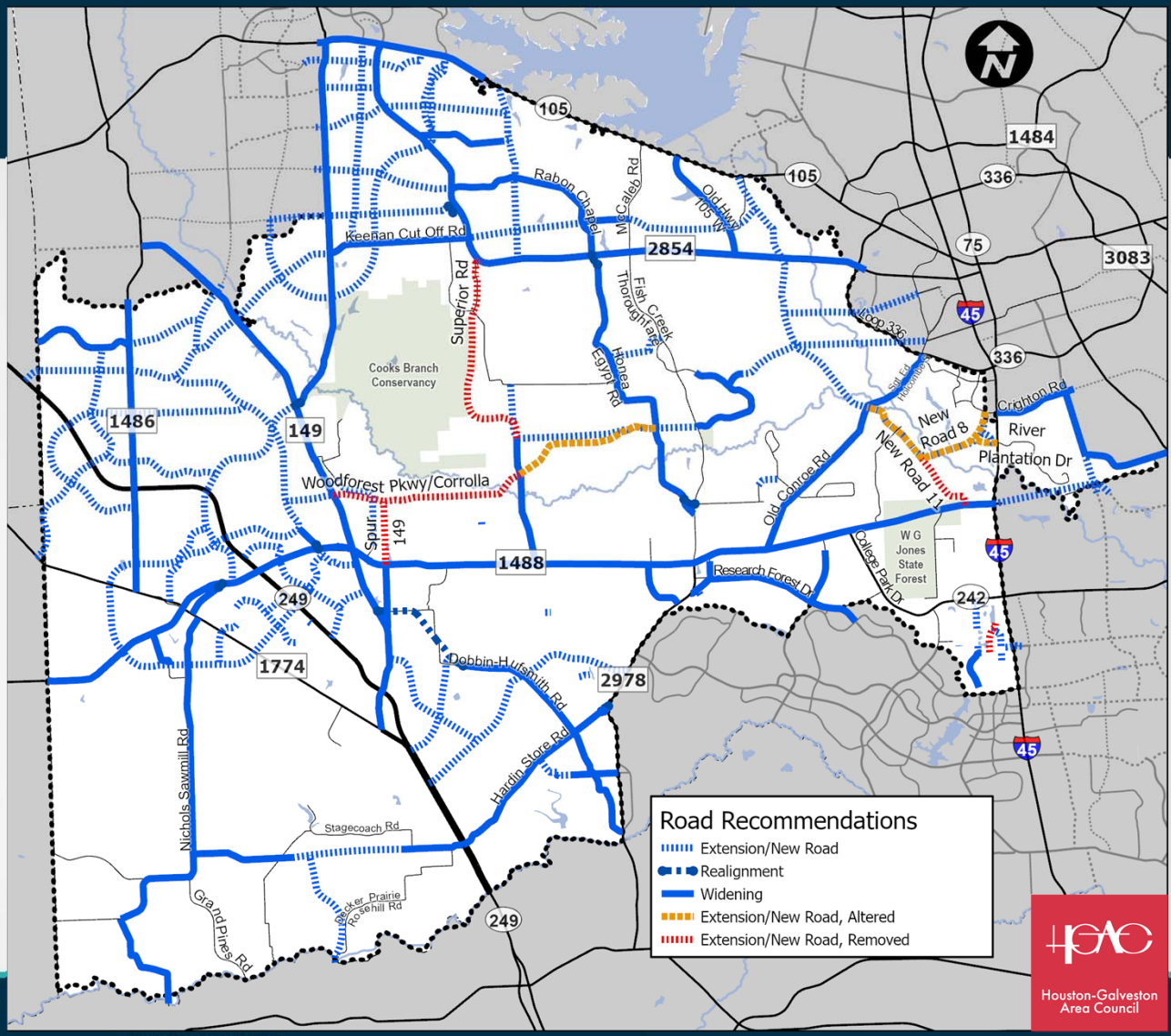
Revised Alternative

Removed:

- Superior Road Extension
- Woodforest Pkwy/Corrolla – extension west to FM 149
- Spur 149 – Extension north from FM 1488
- Atkinson Road

Realigned:

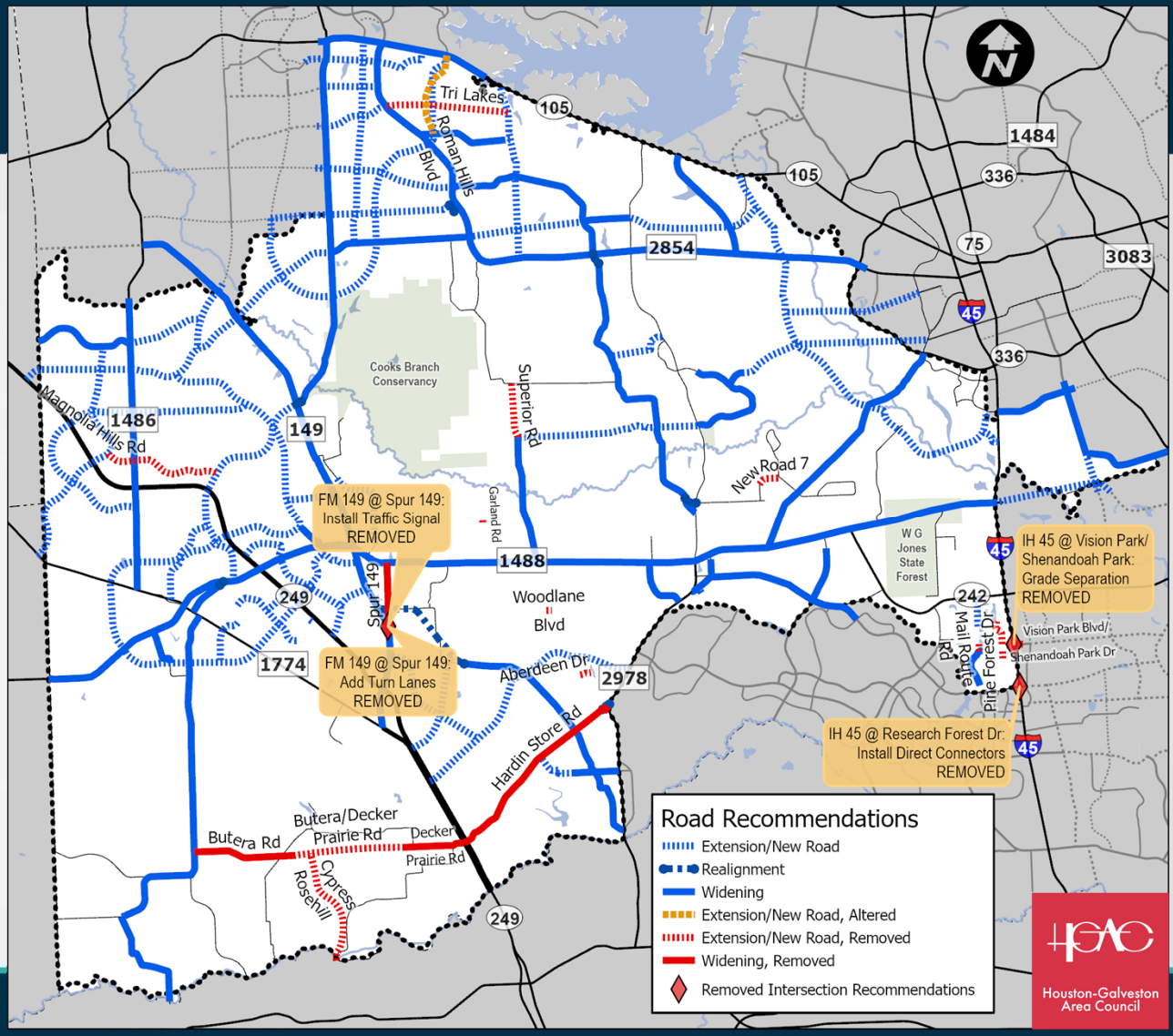
- Woodforest/Corrolla - from Honea Egypt to Superior
- New Road 11 and 8



Modifications after Stakeholder Meetings

Removed:

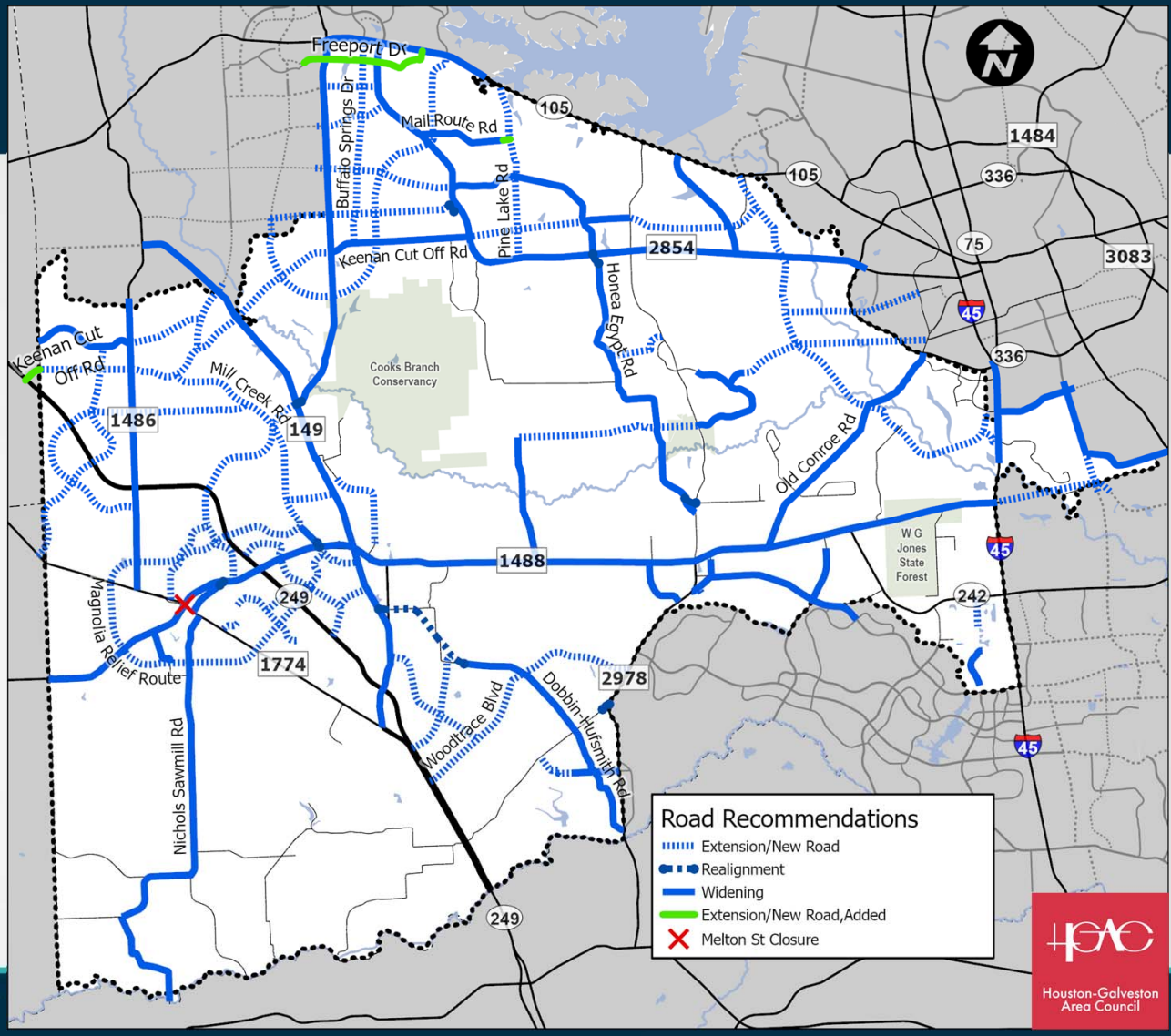
- Hardin Store Rd (Widening)
- Spur 149 (Widening & Street Lighting)
  - Spur 149 @ FM 149 Intersection Improvements
- Pine Forest Dr (Extensions)
- Superior Rd (Extension)
- Magnolia Hills Rd
- Butera Rd/Decker Prairie Rd (Widening & Ext.)
- Cypress Rosehill
- I-45 @ Vision Park/Shenandoah Park Freeway Overpass
- Multiple Small Neighborhood Connectors
- Portion of Tri Lakes Extension (Conflicting Development)



Modifications after Stakeholder Meetings

Added:

- Freeport Drive
- Keenan Cut-Off connection to SH 249
- Extension of Mail Route Road to Pine Lakes
- Melton Street closure from FM 1488 to Smith Road



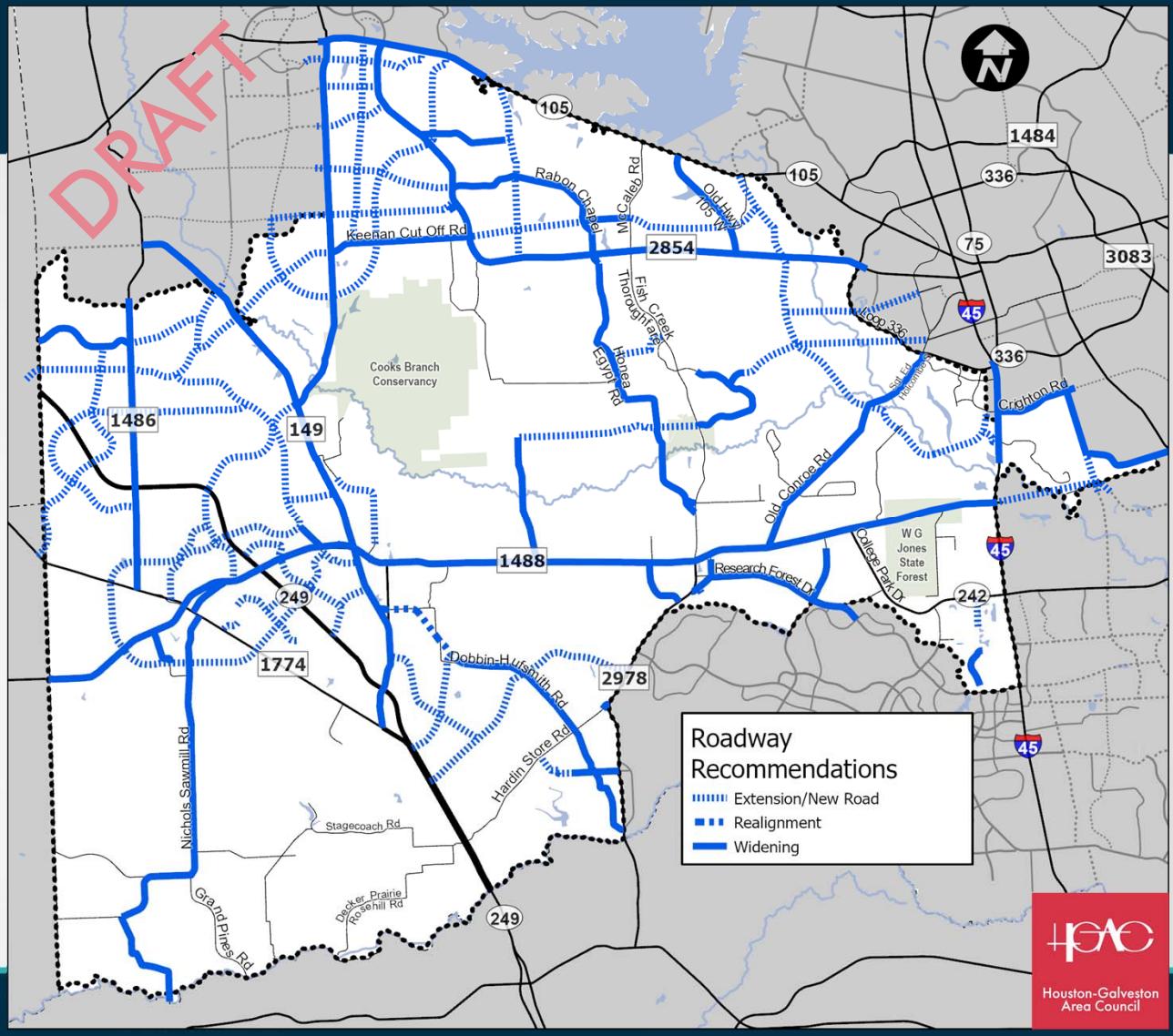
Final Plan

Description:

- Existing roadway network + revised MP2 recommendations
- Adds:
  - New Roads/Extensions - 137.9 miles
  - Road Widenings - 151.8 miles
  - Realignments - 3.6 miles
  - Intersection Improvements – 131

Benefits:

- Improves connectivity
- Improves safety
- Distributes traffic
- Provides alternative routes
- Mitigates congestion





Road Recommendations

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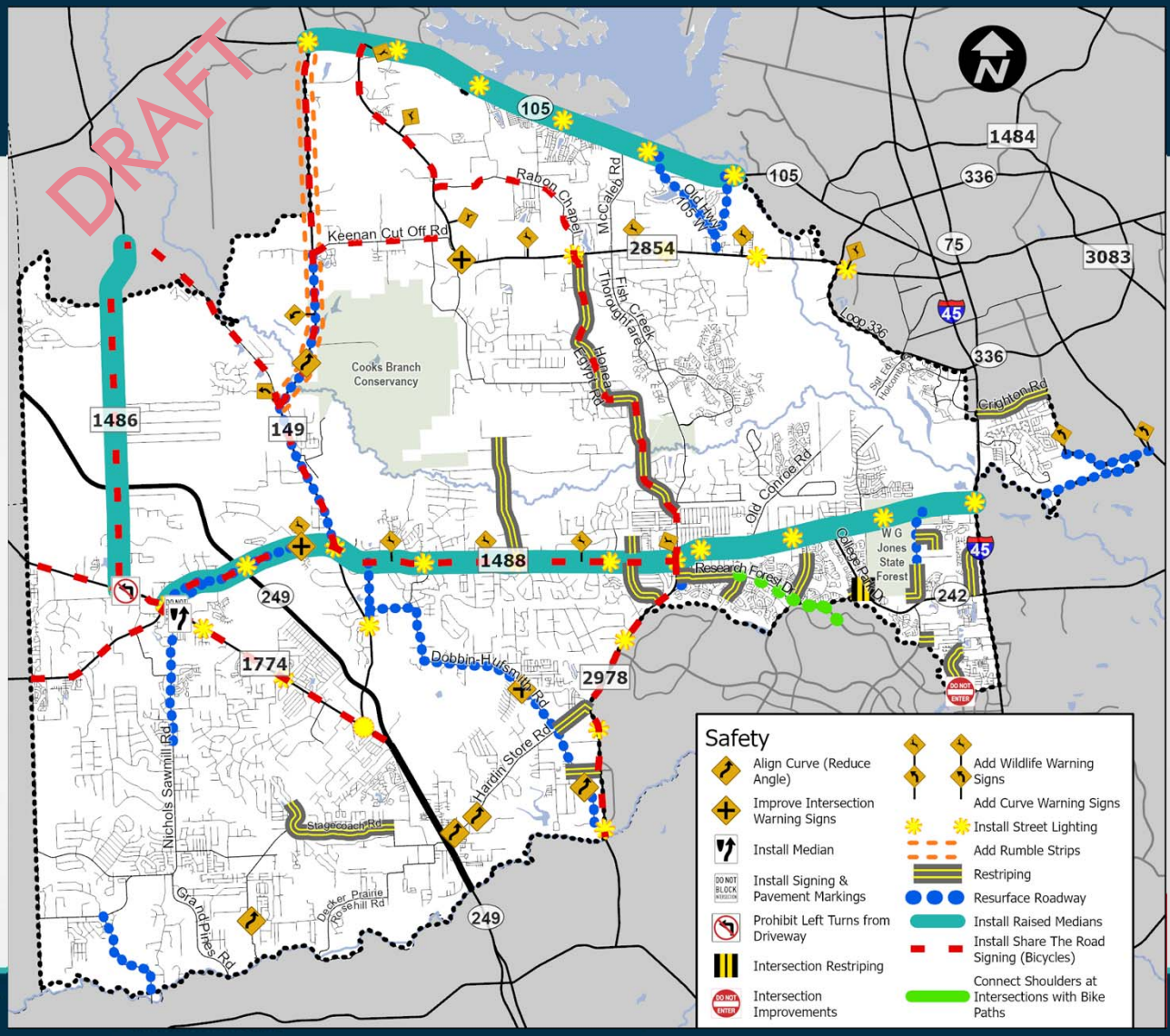
Safety
(0-1 year)

Roadway Inventory Results

- Replace missing signs
  - Curve Ahead
  - Wildlife Warning
  - Share the Road
- Install raised medians
- Install street lighting
- Resurface roads
- Install rumble strips
- Restripe road

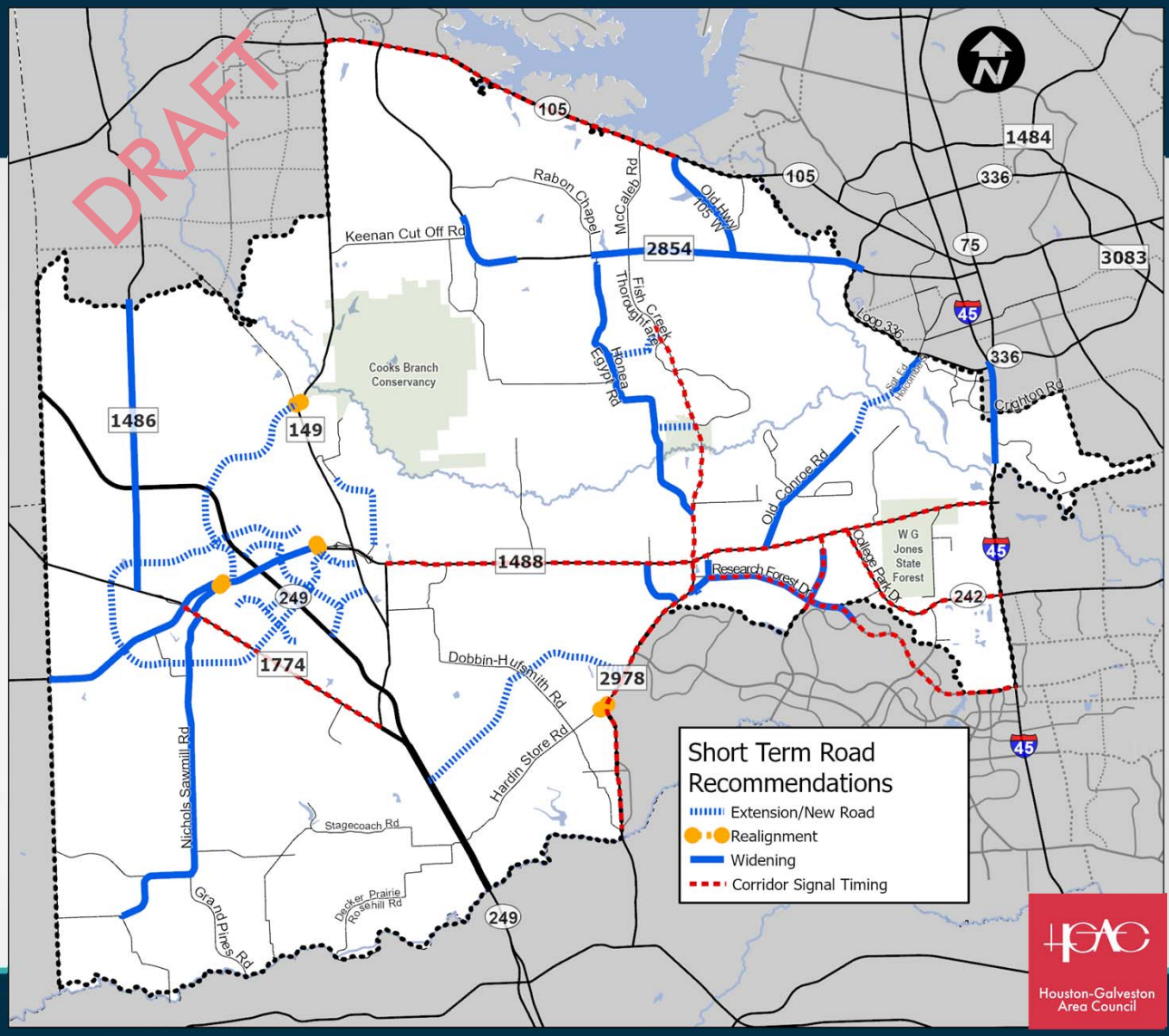


Short-Term (1-10 Years)

- Extensions/New – 36.9 miles
- Road Widenings - 56.6 miles
- Realigning Roads – 0.5 miles
- Raised Medians - 35.7 miles
- Road Closures – 1

Total Improvements

129.7 miles

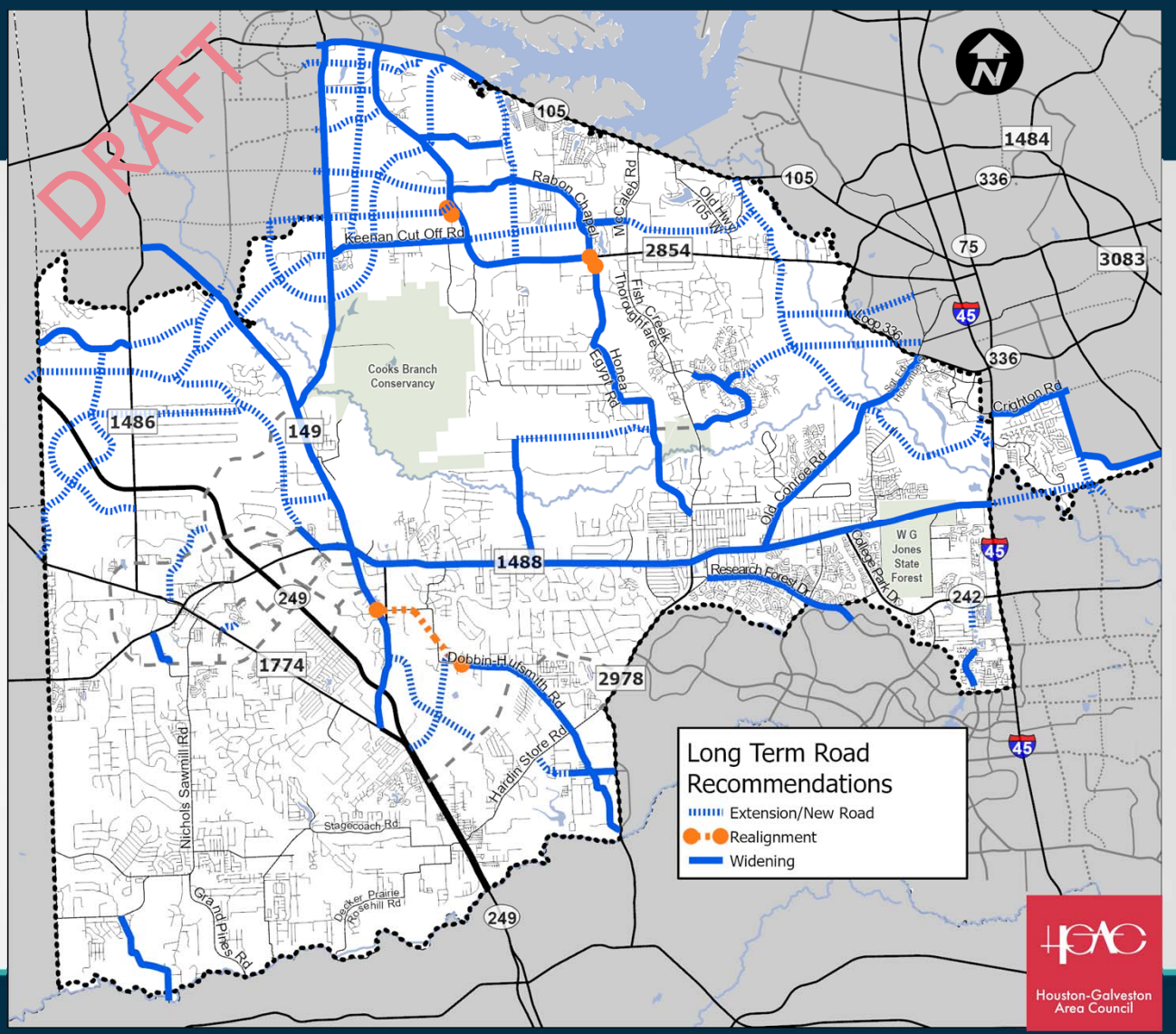


Long-Term
(11+ yrs.)

- Extensions/New - 101.0 miles
- Road Widenings - 95.3 miles
- Realigning Roads – 3.1 miles
- Raised Medians - 0

Total Improvements

199.4 miles



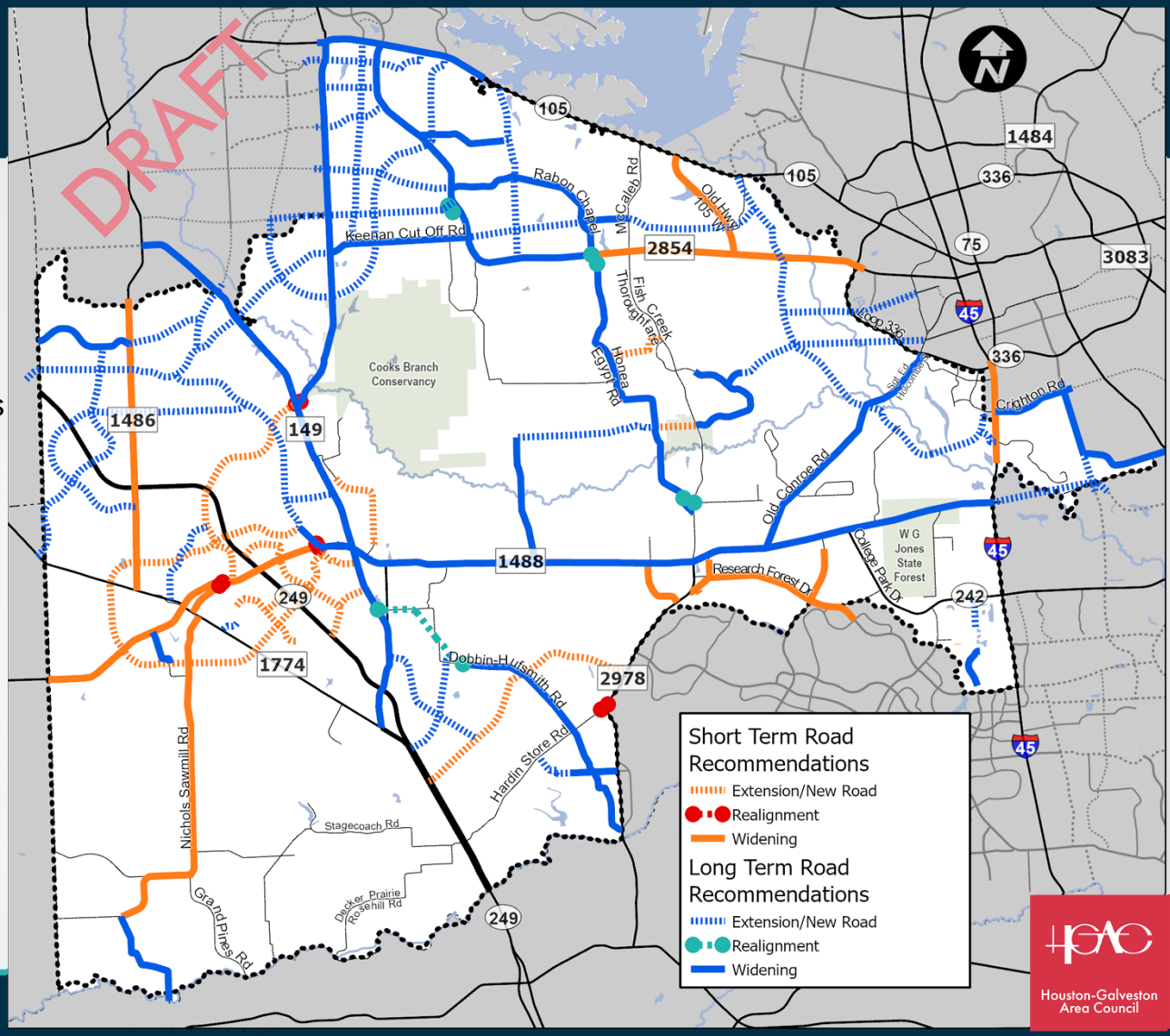
New Network

Description

- Existing Roadway Network + MP2 Recommendations
- Adds:
  - New Roads/Extensions - 137.9 miles
  - Road Widenings - 151.8 miles
  - Realignments - 3.6 miles
  - Intersection Improvements – 131

Benefits

- Improves connectivity
- Improves safety
- Distributes traffic
- Provides route alternatives.
- Mitigates congestion





Intersection Recommendations

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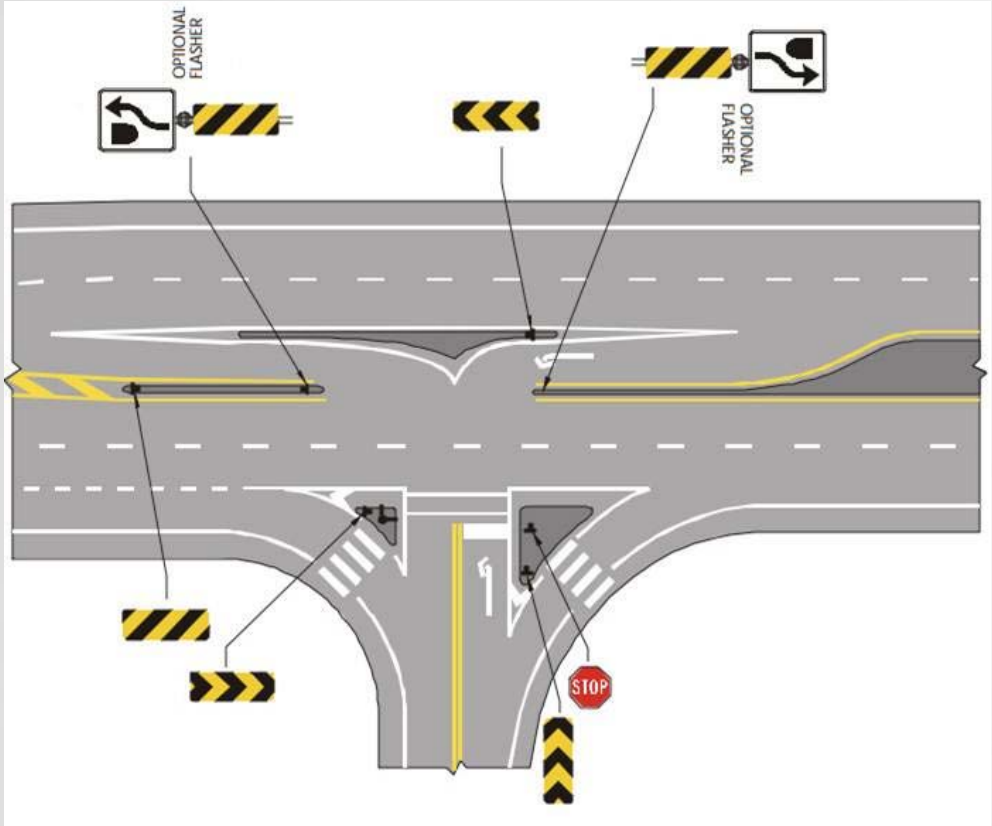
Roundabouts



Benefits

- Reduce all crashes by 44%
- Reduce serious injury/death by 72%
- Fewer points of impact (roundabouts 8 vs traditional 32)
- No possibility of head-on collisions
- No possibility of running a red light
- Fewer possibilities of a serious accident
- Slower speeds all around
- Moves traffic more efficiently which reduces delays and fuel consumption.

Continuous Green-T Intersection



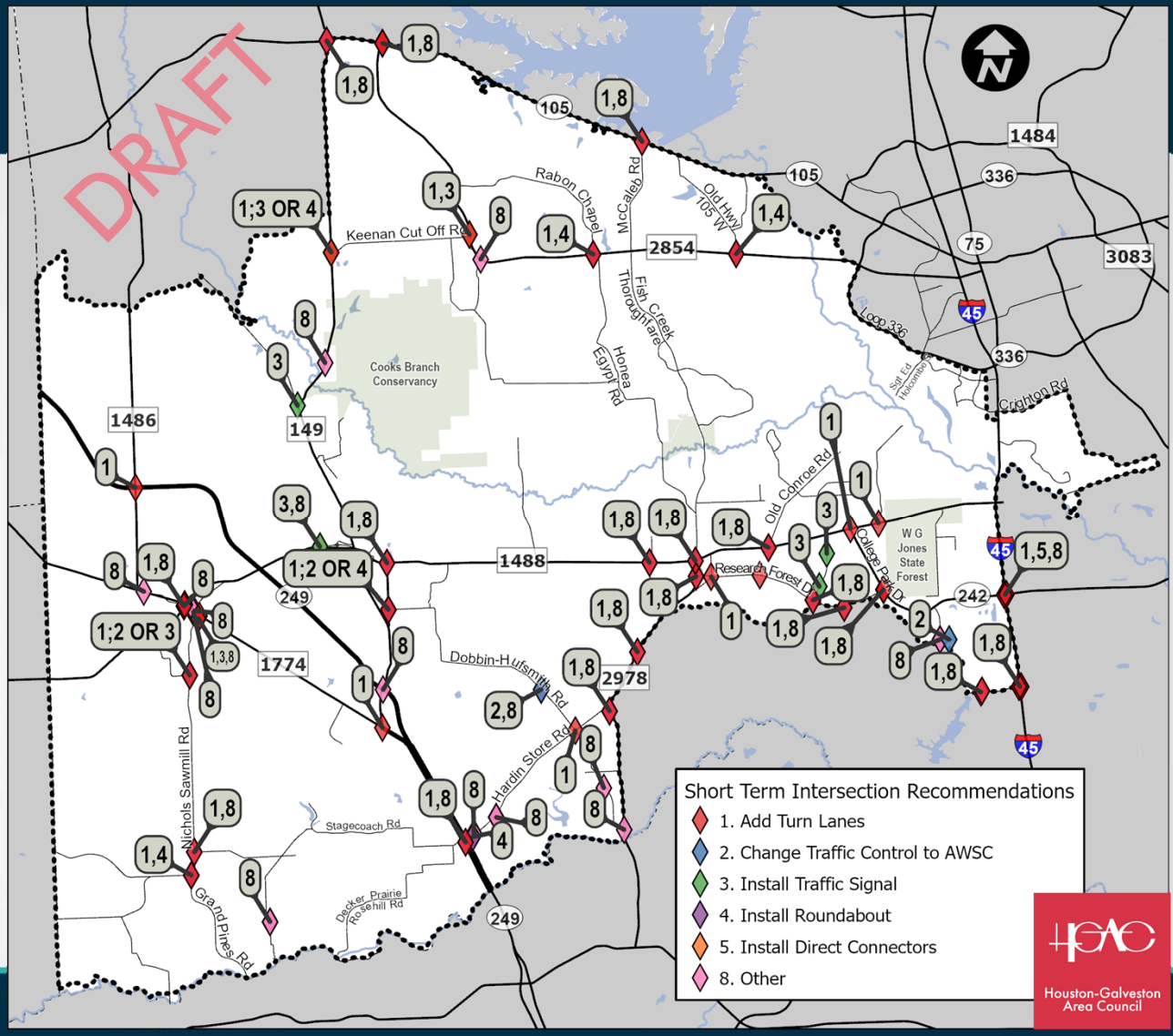
- Improved safety
  - Provides physical separation and a safer and quicker left-turn from a side street.
- Increased efficiency
  - One direction is free-flow allows more green time to other movements, reducing delays
- Free-flow in one direction
  - Reduces corridor travel times

Short-Term (1-10 years)

- Grade Separations - 0
- Direct Connectors – 1
- Continuous Green T - 0
- Roundabouts - 6
- Intersection Redesign - 8
- Other Improvements* - 89

Total Improvements
104

*Does not include above items

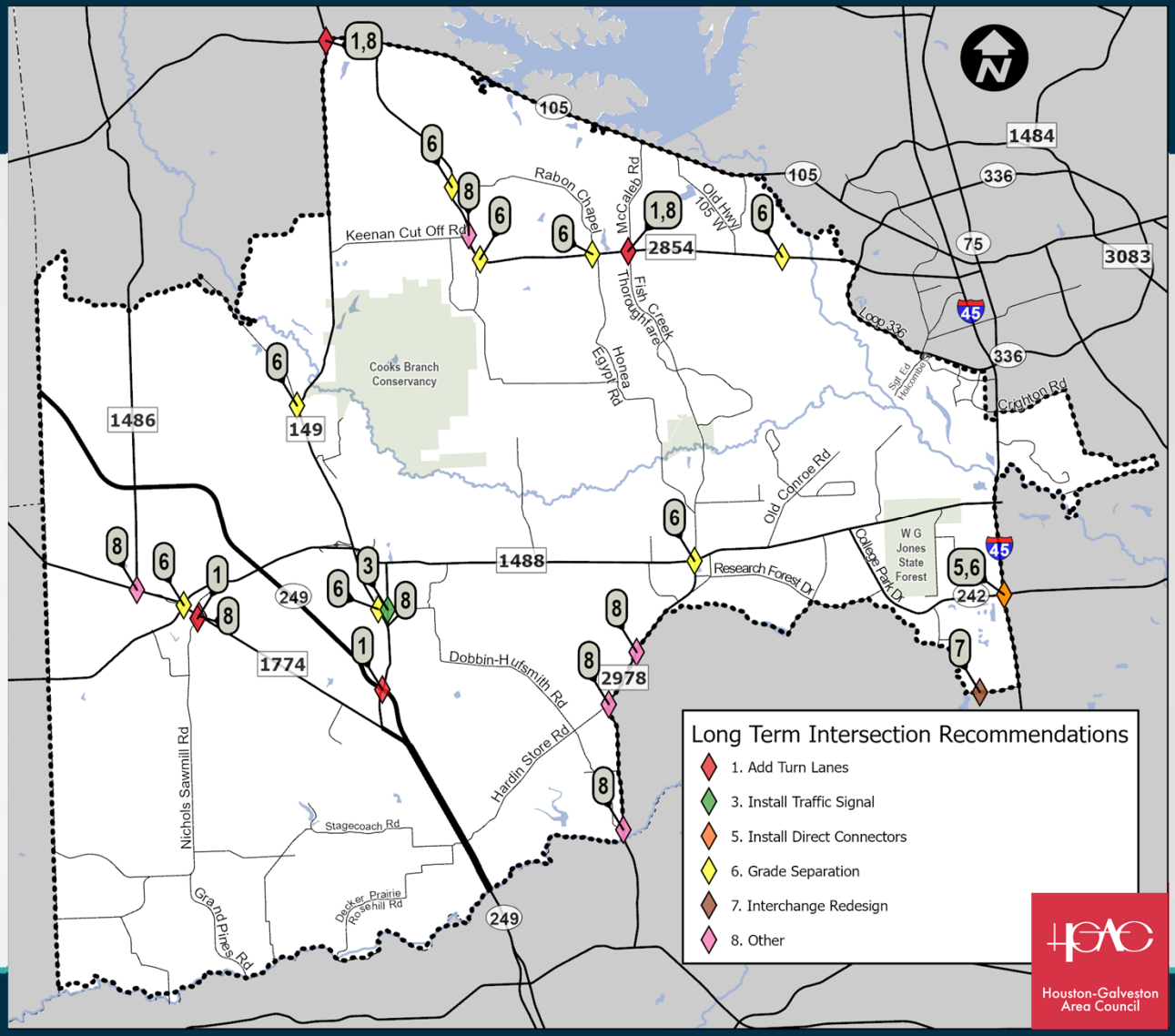


Long-Term
(11+ yrs.)

- Grade Separations – 8
- Direct Connectors - 1
- Continuous Green T - 6
- Roundabouts - 0
- Intersection Redesign - 2
- Other Improvements* - 6

Total Improvements
23

*Does not include above items





Other Recommendations

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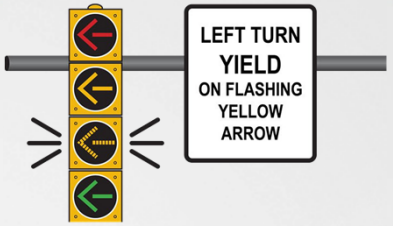
Precinct Wide Recommendations

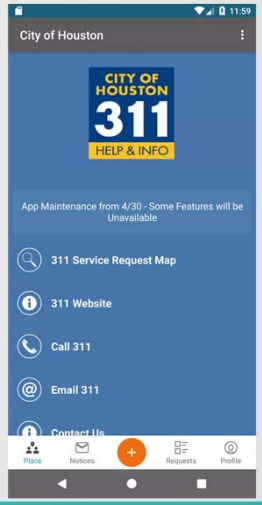
- Flashing Yellow Arrow Left Turn Signals
- Reflective Signal Backplates
- GPS Emergency Vehicle Signal Preemption Equipment
- Expand Montgomery Co. Northstar Advanced Transportation System to Precinct 2
- "Share The Road" Signs
- 311 App for Precinct 2











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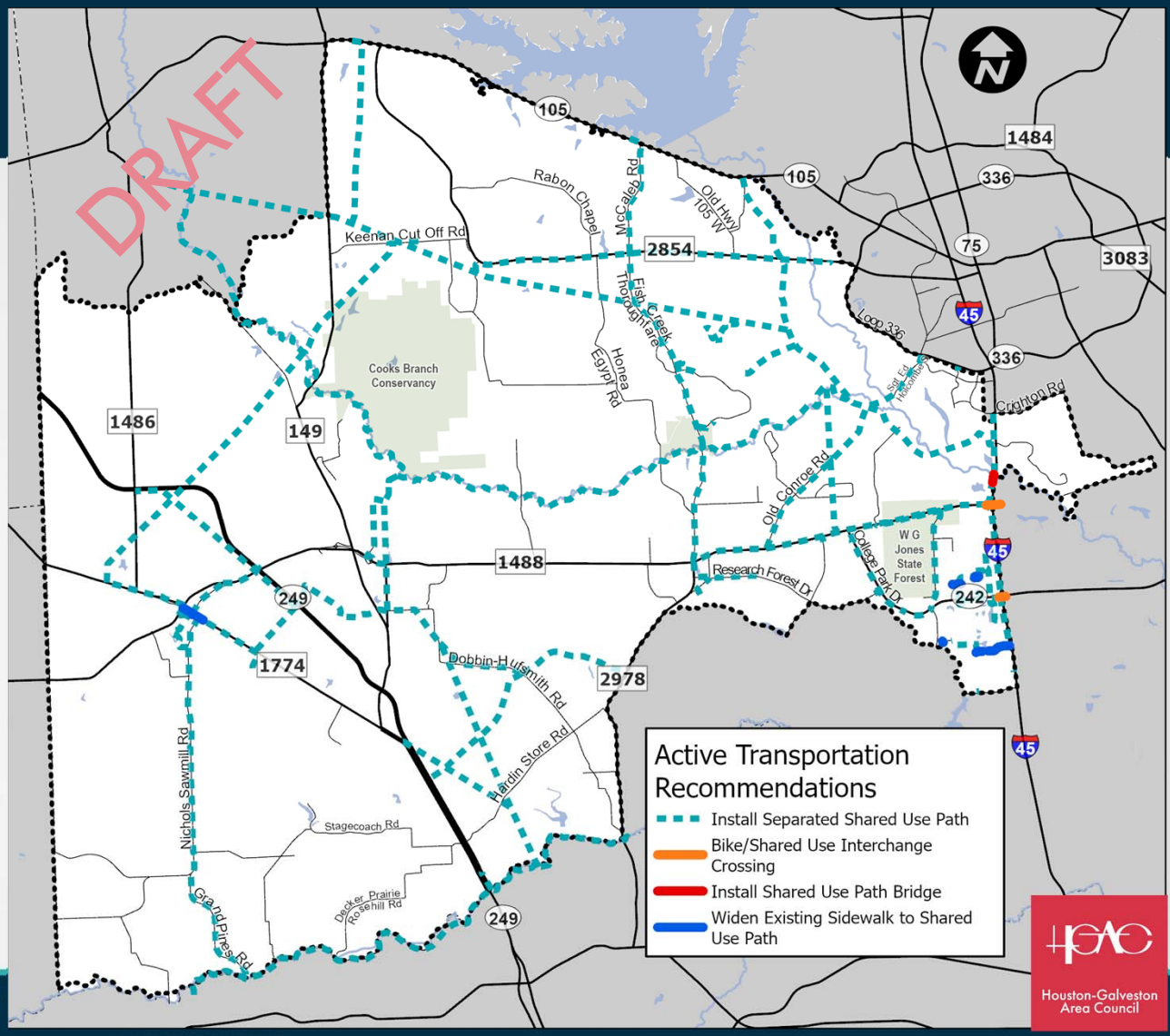
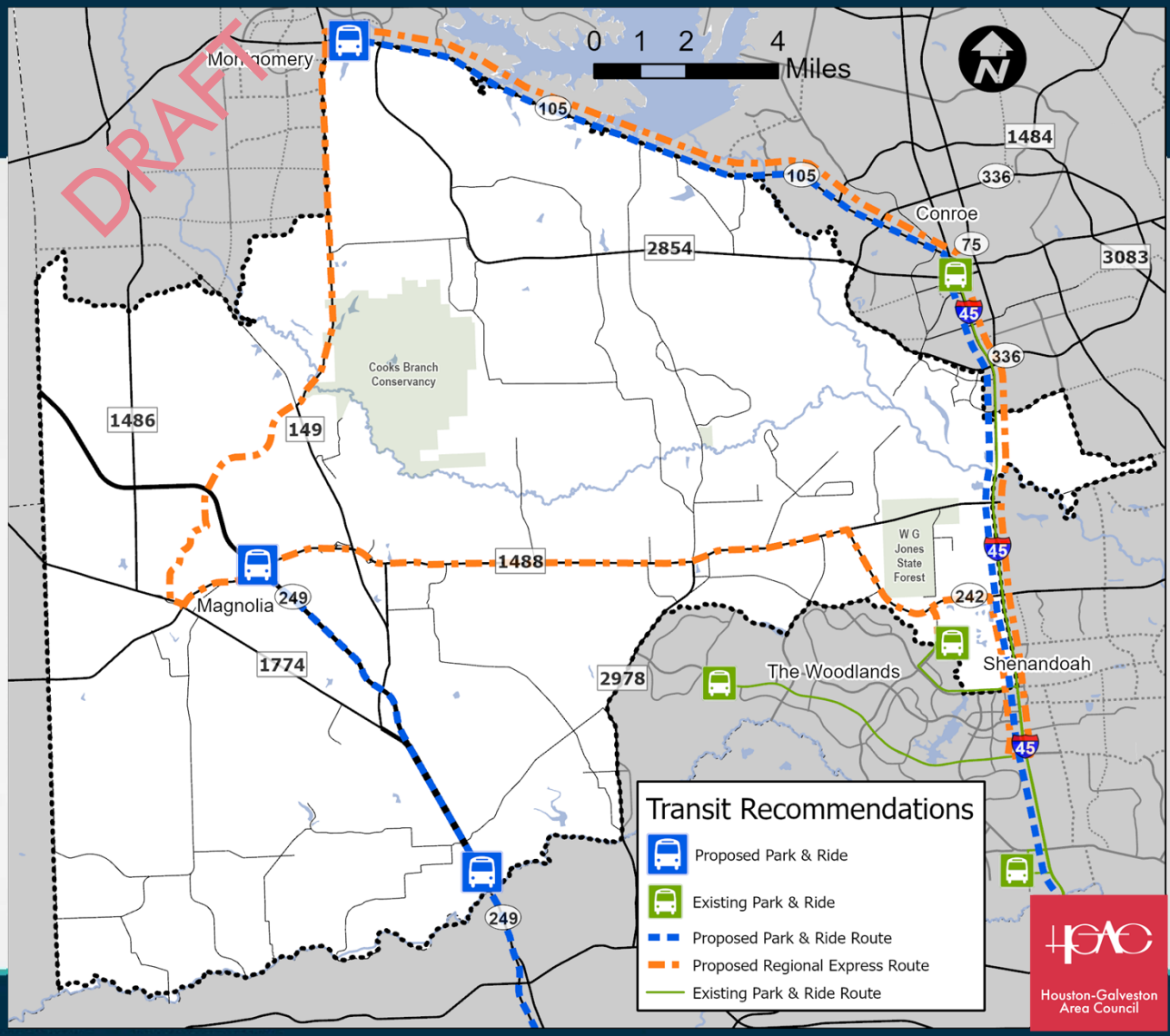
Active Transportation

- Shared use paths - 180 miles located in/adjacent to:
  - Rivers, creeks, floodplain,
  - Easements: railroad and utility
  - Adjacent to road
- Widen or extend existing sidewalks (1.6 miles)



Transit

- Park & Ride Facilities – 3
  Located near Montgomery, Magnolia, and just north of Tomball
- Express Route -1
  Provides service between Montgomery, Magnolia, The Woodlands and Conroe



Research Forest at Grogans Mill

Identified Issues by Focus Group

- Cars running red lights
- Overgrown vegetation
- High vehicular speeds
- Driver inattention
- Missing signage/pavement markings
- Wrong way drivers
- Lighting
- Drainage
- Drivers going straight in left turn only lane
- Lack of enforcement



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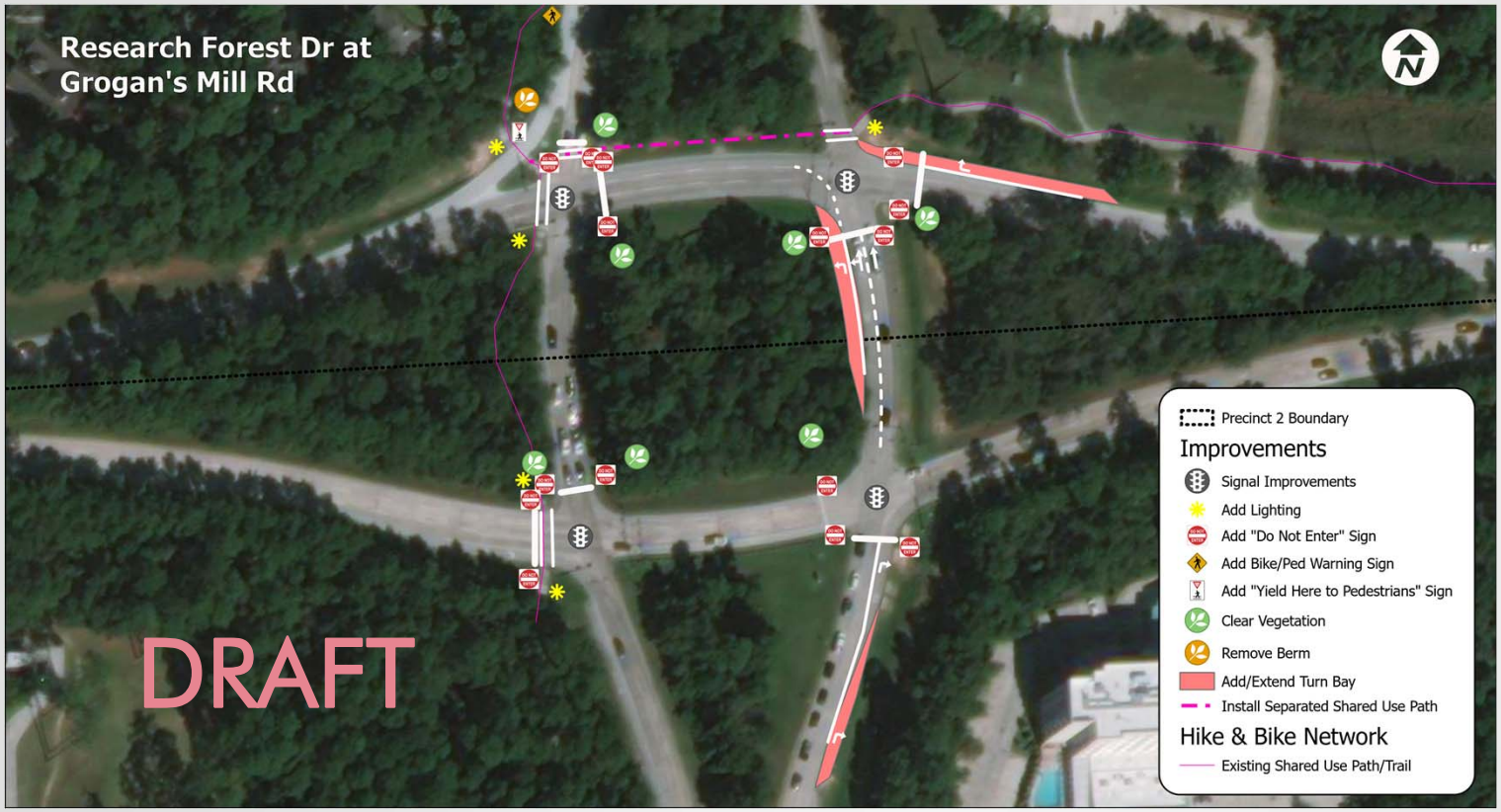
Recommendations



- Add/extend turn bays
- Install missing signage
- Improve pavement markings
- Clear vegetation
- Add shared use path
- Add additional street lighting
- Improve signals
- Remove berm

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Recommendations Update

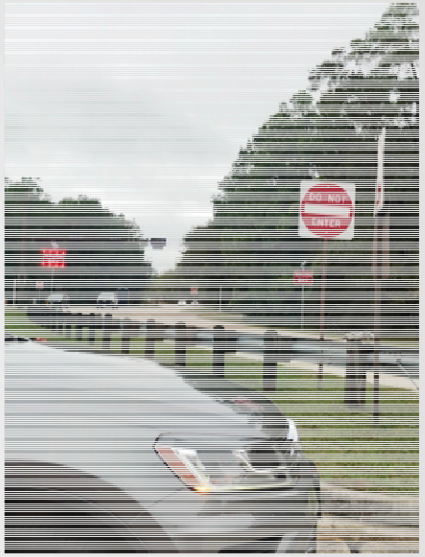
Completed

- ✓Install missing signage
- ✓Improve pavement markings
- ✓Clear vegetation
- ✓Add backplates to signals
- ✓Add louvers to signals
- ✓Move stop line at NE corner

Work in progress

- Add/extend turn bays











Plan Cost

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Estimated Cost



Roadway Network	MM
Safety:	$61.7
Short-term:	$972.5
Long-term:	$2,286.1
Total:	$3,320.3

Active Transportation	MM
Bike/Pedestrian:	$302.7
Transit:	$26.0
Total:	$328.7

Plan Total: $3.6 Billion

* Note – does not include the cost of ROW

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Houston-Galveston Area Council

Funding Options



- Public/Private partnerships
- Federal Highway Administration (FHWA)
- Toll Road funds
- Grants
- Bonds
- Federal Transit Administration (FTA)
- Other



Next Steps

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Next Steps



- Review Survey/Comments
- Steering Committee Meeting – September
- Final Document - Fall 2022

THANK YOU!



- Carlene Mullins – Project Manager
  Carlene.Mullins@h-gac.com
- Justin Kuzila – Project Planner
  Justin.Kuzila@h-gac.com

Website: Engage.H-GAC.com

Survey/MP2 Website

Interactive Map

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Houston-Galveston Area Council

MP2 Recommendations Survey - Closed

SURVEY RESPONSE REPORT
06 August 2022 - 31 August 2022

PROJECT NAME:
Montgomery County Precinct 2 Mobility Study

BANG THE TABLE engagementHQ

SURVEY QUESTIONS

Q1 What are your comments on the Intersection and Roadway recommendations?

Screen Name Redacted
8/06/2022 12:43 PM

Great additions to extra Right turn lane south onto 45 S from 242 Great additions and updates to Grogans and Research, BUT the trees, bushes should be totally cleared of lower limbs and visibility about 4 feet from ground level, both directions, entire island of vegetation (though I don't want any trees removed, just "umbrella" style to allow visibility. Many crazies have driven the wrong way, by having total opposing traffic view can you really tell where the flow goes. Yes, to traffic light synchronization on 242 all the way from 45 to 1488...You should also add to 1488 entirely.

Screen Name Redacted
8/09/2022 10:09 AM

1. I don’t see the justification for widening Research Forest west of the west intersection of Alden Bridge. 2. Widening of FM 1488 should include a review by a competent urban planner, specifically sidewalk connections between pedestrian pushbuttons and adjacent land use. 3. The Woodlands developed the southwest and southeast corners of FM 1488 at Kuykendahl without any consideration whatsoever of pedestrian crossings across the south leg of Kuykendahl. This needs to be corrected. 4. I strongly disagree with widening Grogans Mill north of Research Forest. 5. An extension of Atkinson Lane to St. Luke’s Way should be restored to the plan. This would be a big benefit to doctors, staff, and patients at St. Luke’s and Texas Children’s hospital. 6. The spelling of Marsico should be corrected on the map.

Screen Name Redacted
8/09/2022 08:06 PM

Most are frivolous. Keenan cutoff is many year's overdue safety trap. Both ends. Three schools and a fire station on that road. Nightmare.

Screen Name Redacted
8/13/2022 10:38 PM

Jackson Road @ 149 Intersection needs a roundabout with a protected right hand turn lane for north bound 149 drivers. No need for a traffic light. Plenty of space for engineered traffic circle. New 149 Alt a welcomed addition to 249!

Screen Name Redacted
8/14/2022 08:42 AM

Yes to traffic light at 149 and jackson road. Need right turn lane. Many accidents at rolling hills and 149 need turn lane in front of gas station. Need turn lane at karen switch road. Reduce speed limit.

Screen Name Redacted
8/14/2022 10:49 AM

Very excited for the Kennen Cut Off Rd. We are moving to the Montgomery area and still work in Houston. That road would save us so much time.

Screen Name Redacted
8/14/2022 11:56 AM

The proposed Mill Creek Road cuts through an established residential neighborhood (High Meadow Estates). We strongly oppose this proposition, as it will negatively affect safety, property values, and the tranquility of the neighborhood, while concurrently offering little to no benefit to those actually residing within the neighborhood. Our family urges you to please reconsider this plan.

Screen Name Redacted
8/14/2022 12:50 PM

How can Mill Creek and Keenan Cut Off Road come through High Meadow Estates? There are already numerous houses along that proposed route. Why would you not simply run Keenan Cut Off due west from Jackson and join it to Crown Ranch BLVD. That particular development has not started, yet, and there is a better opportunity to minimize its impact on the residents. Also, why are there so many new roads planned between FM 1486 and Jackson/149? The 149 (alt) and the aforementioned Keenan Cut Off / Crown Ranch combined should allow plenty of mobility in the area. I see no purpose of having Mill Creek run parallel to 149; I would rather see FM 149 widened from 1488 to Jackson with a turning lane and a light installed at 149 & Jackson; better yet would be a bridge over the railroad tracks at this intersection

Screen Name Redacted
8/14/2022 04:11 PM

It appears that the proposed Mill Creek Road cuts through both existing and ongoing residential development in High Meadow Estates. Although this is noted as long term, I would think it prudent to clarify if you hope to disrupt existing subdivisions.

Screen Name Redacted
8/15/2022 07:32 AM

The extension of Mill Creek Rd as proposed does not make any sense....it's currently drawn to go right through the middle of High Meadow Estates (one of the larger neighborhoods in the area) without any concern for houses already there, nor does it tie into any of the roads that already exist for that section - silly!

Screen Name Redacted
8/15/2022 02:07 PM

Your data is at least 2 years out of date. There is no way you can show new roads in some areas where development has already occurred and houses built. This bad data is only getting residents upset that have no idea what is happening in the county. Please update your application road data to represent current development, especially in High Meadow Estates.

Screen Name Redacted
8/15/2022 07:10 PM

We don’t need Millcreek Rd and Keenan Cutoff to cut through High Meadow Estates. Makes no sense.

Screen Name Redacted
8/16/2022 06:51 AM

The roadways are backed up due to overdevelopment. The Developers should be paying to make any modifications. Nichols-Sawmill at Grand Oaks does need a traffic light, and additionally, the speed limit should be lowered to 40 before reaching the development, not after. The people in Audubon will be using this roadway as a thru traffic had will have no interest in moving slowly. STOP the overdevelopment. Whose great idea was it to create an apartment complex of 200 units in downtown? And building a liquor store near a school? REALLY?? We are taxed without representation. Keep in mind: to whom much has been given, much will be required. I believe that would also apply to authority and responsibility.

Screen Name Redacted
8/18/2022 06:14 AM

Ambitious, but much needed with the continued rapid growth the county is experiencing. There are a lot of new roads around Magnolia on the short term plan, but the recommendations around Montgomery are all on the long term plan (10+ years). We need help in Montgomery too (and quicker than 10+ years out). With the new high school (and planned new elementary school) on 2854, the traffic can get really backed up. We have two bad intersections on 105. The southern part of 2854 and 105, and the two lights that are too close to each other on 105 at Walden Rd. (Not sure what can be done about the two close lights.). Appreciate the forward thinking the Precinct is doing to lead this effort.

Screen Name Redacted
8/18/2022 06:19 PM

Do not widen Research Forest Drive in The Woodlands! There's no need for it and it will only induce more cut thru traffic thru The Woodlands to and from I45. Instead, add another east west roadway or improve 1488 to handle additional vehicles

Screen Name Redacted
8/18/2022 09:27 PM

Westbound SH 242 before I-45 needs to have two sets of traffic lights to control traffic: one for traffic entering from South Trade Center Parkway (especially from COSTCO) and the other for westbound 242 traffic after crossing over the railroad. Northbound Tamina Road at FM 1488 (south of the HEB) needs a right turn lane.

Screen Name Redacted
8/19/2022 07:52 AM

The Woodlands Township Board of Directors respectfully requests the removal of the extension of S. Alden Bridge Drive (S Alden Bridge Dr - Extension/New Road - from Egypt Ln to Shimmerwood Dr) to align with the Montgomery County Thoroughfare Plan (MCTP) 2021 Update. The extension was originally proposed for inclusion in the MCTP but was removed. The Township Board of Directors objected to the inclusion of this project in the draft MCTP 2021 Update as expressed in Resolution 011-21 adopted June 2, 2021. The Board

	was appreciative of the removal of this project from the MCTP 2021 Update as adopted by the Montgomery County Commissioners Court.
Screen Name Redacted 8/19/2022 11:43 AM	Don't like it
Screen Name Redacted 8/20/2022 05:22 AM	Nichols sawmill really needs widened from 1774 to 99
Screen Name Redacted 8/20/2022 09:23 PM	I have specific concerns regarding the extension of Alden Bridge Dr. to Egypt Lane. This would drastically increase traffic through an area that is frequented by pedestrians, including young children who play at the multiple parks that are close to the roadways along Alden Bridge Drive. Additionally, there are a large number of deer that frequent the green space/drainage area that people passing though may not be aware of and can be a substantial safety concern for both drivers and the wildlife. Residents of the neighborhoods along Alden Bridge Drive strongly oppose this extension.
Screen Name Redacted 8/20/2022 09:50 PM	The extension of S. Alden Bridge Dr. from Egypt Ln to Shimmerwood Dr. does not need to move forward as the increased traffic will put both pedestrians and wildlife at risk. Families with young children frequently cross S. Alden Bridge Dr. to access Sundance Park and the park facilities on Sorrell Tree Pl. In addition, it is commonplace to see deer in the drainage area that S. Alden Bridge Dr. crosses. I personally have had deer cross the road in front of my truck several times. I frequently hear cars drag racing on Research Forest and I do not want that to become an issue on this neighborhood road. From a traffic standpoint, Research Forest between Branch Crossing and Egypt Ln is never an issue and it is an area that I often drive. The volume of traffic in the area does not warrant this road extension project.

This question was deleted, so it would have lesser number of responses(21 response(s), 3 skipped)
Question type: Essay Question

Q2 What are your comments on the Safety and Maintenance recommendations?

Screen Name Redacted 8/06/2022 12:43 PM	Your BLUE line on stripping on east side of Jones Forest is still wrong! Jones is protected by SB 345. I did zoom in and it shows it making a curve nearest 242... all of that is protected...NO restriping , NO access..... update map to only show improvements on Peoples Road where houses are and stopping where the TX A & M Forest

	Gate starts. That is a gravel road for fire trucks to access only, no through traffic, no action whatsoever is allowed according to SB 345. (Toth /Creighton) Jones State Forest is home to an endangered red cockaded woodpecker!
Screen Name Redacted 8/09/2022 10:09 AM	1. Restore the curb that was removed from the northwest corner of Alden Bridge at Kuykendahl a couple of years ago. This has resulted in unlawful driving on the southbound right shoulder, driving off the pavement, and added hazard to pedestrians waiting in the northwest corner to cross. 2. Replace all single solid yellow centerlines with double yellow centerlines. 3. Provide “ALL WAY” plaques at all all-way stop signs. 4. Provide sidewalks to connect land use to pedestrian pushbuttons in all four corners of FM 1488 at Kuykendahl, and provide similar sidewalk connections at all similar existing and future intersections. 5. Provide a sidewalk on the east side of Kuykendahl Ct. from FM 1488 to Providence Ct at Kuykendahl so residents can walk to HEB if they want to without having to walk in the roadway or in the ditches. 6. Close the gap in the sidewalk in the southeast corner of Carriage Hills at FM 1488 so pedestrians don’t have to walk in the street to get to the pedestrian pushbuttons. 7. The “growth” that we are all so proud of is really “urbanization,” but we are blanketing the county with development that is unusable without a car for every single trip. Please do a little planning so at least very short trips are possible without a car. 8. Correct the incorrect signing and pavement markings on Kuykendahl between Kendall Green and FM 1488.
Screen Name Redacted 8/09/2022 08:06 PM	Sounds like they are paying attention to safety statistics even if solutions are not popular. Thanks.
Screen Name Redacted 8/14/2022 12:50 PM	Please do not let FM 1488 become another 1960 or 2920. The intersection of 1488 and 2978/Honea Egypt is one of the worst intersections in the county. 1488 east of 2978 to I-45 is a terrible stretch of road that has steadily gotten worse each year. Anything that can be done to improve it (particularly the proposed raised median) that will keep people from blocking traffic and trying to turn across 3 lanes of traffic is appreciated.
Screen Name Redacted 8/16/2022 06:51 AM	More speed limit signs should be posted.
Screen Name Redacted 8/18/2022 06:14 AM	No comment

Screen Name Redacted 8/18/2022 09:27 PM	Consider the use of programmable visibility signals for short distance intersections including Grogan's Mill Road at Lake Woodlands Drive and on SH 105 at April Sound Boulevard. https://www.mccain-inc.com/products/signals/traffic-signals/programmable-traffic-signal A "pre-signal" for a Honea Egypt Road prior to crossing the railroad the FM 2978 can improve safety.
Screen Name Redacted 8/19/2022 07:52 AM	The Woodlands Township Board of Directors respectfully requests consideration as to whether a reduction in the speed limit in the vicinity of the intersection of Research Forest Drive and Grogan's Mill Road might also help to increase safety at the intersection.
Screen Name Redacted 8/19/2022 11:43 AM	Wouldn't recommend it

This question was deleted, so it would have lesser number of responses(9 response(s), 15 skipped)
Question type: Essay Question

Q3 What are your comments on the Active Transportation recommendations?

Screen Name Redacted 8/06/2022 12:43 PM	Same as above= NO Shared use Path at all, stop where Jones Forest begins and blacktop ceases on Peoples Road... entire Forest protected by SB345. Ok for the already paved Peoples Road, not the gravel side headed south or anywhere past that point. Jones Forest is further protected due to its endangered red cockaded woodpecker!!
Screen Name Redacted 8/07/2022 06:25 AM	Share the road signage is nice, but it is not adequate. The bike routes need to be wide enough to be safe. There should be at least a 3' shoulder installed (Honea-Egypt, etc). This should be a priority over other projects. Safety has not price. In addition, multi-use routes like bike routes will attract more mixed usage and higher class development in the county.
Screen Name Redacted 8/09/2022 10:09 AM	1. Planning and design of all sidewalks and paths should be done by competent urban planners. Sidewalks and paths need to be separated from roadways and they need shade. Pedestrian crosswalks, signals, and pushbuttons are just dumb if the pedestrians have to walk in a ditch or in roadway to get to the crosswalks. 2. The design and operation of the flashing yellow arrow at Research Forest westbound at Crownridge should be reviewed by a competent traffic engineer.

Screen Name Redacted 8/09/2022 08:06 PM	Glad they are looking at the future to catch up with the growth.
Screen Name Redacted 8/14/2022 12:50 PM	Any bike lanes that reduces automobile travel lanes on 1488 will exacerbate an already congested road. More emphasis should be put on bicycles obeying the traffic laws. I consistently see bicycles run through stop signs and stop lights. I don't mind sharing the road, but the cyclists have an obligation to follow the traffic regulations as well.
Screen Name Redacted 8/16/2022 06:51 AM	none
Screen Name Redacted 8/18/2022 06:14 AM	No comment
Screen Name Redacted 8/18/2022 09:27 PM	Consider the use of a HAWK traffic signal for some pedestrian crossings that are at minor streets or that are not along a roadway. https://www.fhwa.dot.gov/publications/research/safety/10045/
Screen Name Redacted 8/19/2022 11:43 AM	Nope

Optional question (9 response(s), 15 skipped)
Question type: Essay Question

Q4 What are your comments on the Transit recommendations?

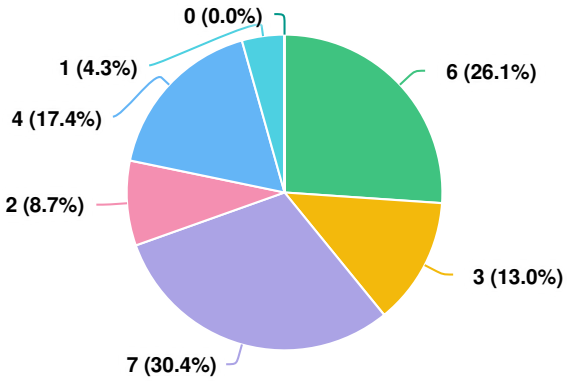
Screen Name Redacted 8/06/2022 12:43 PM	242 is a RESIDENTIAL ROAD, The only area that is commercial encompasses Gosling to 45, where the 7 traffic lights are .... yes synchronize and move it along.... Look to 1488 for your thoroughfare and its REGIONAL EXPRESS Lanes.... The area has children crossing 242 to access parks across the street. This is not a major road and should be kept that way. It's residential except for Gosling to 45, so Transit should be re-routed to 1488.
Screen Name Redacted 8/07/2022 06:25 AM	Park and rides should happen prior to some roadway recommendation projects are paid for. These should be a priority.
Screen Name Redacted	N/a Need Senator Kolkhorst review too.

8/09/2022 08:06 PM

Screen Name Redacted 8/10/2022 09:43 AM	When will new roads be completed ? How will new road go through existing homes?
Screen Name Redacted 8/14/2022 08:18 AM	We need a park and ride in Magnolia.
Screen Name Redacted 8/14/2022 12:50 PM	What is the projected ridership of these buses? Where does the bus drop riders off? Downtown? Midtown? Galleria? The jobs are moving out of downtown Houston to the exurbs and suburbs. The HWY 249 extension has only accelerated this trend. The Greater Houston Area is not conducive to mass transit. I have never seen more than a handful of cars at the areas' existing park and ride locations; these park and ride and bus centers seem to be solutions in search of a problem. Is the juice worth the squeeze?
Screen Name Redacted 8/16/2022 06:51 AM	none
Screen Name Redacted 8/18/2022 06:14 AM	No comment
Screen Name Redacted 8/18/2022 09:27 PM	The HOV lane on I-45 needs to have signs that say "DO NOT CROSS DOUBLE WHITE LINE." I've seen my share of people who cross the double white lines to enter or exit the HOV lane or to use as a passing lane. Woodforest section (via Fish Creek Thoroughfare) should be included in the Regional Express plan.
Screen Name Redacted 8/19/2022 11:43 AM	No thank you

Optional question (10 response(s), 14 skipped)
Question type: Essay Question

Q5 How long have you lived in Montgomery County Precinct 2?

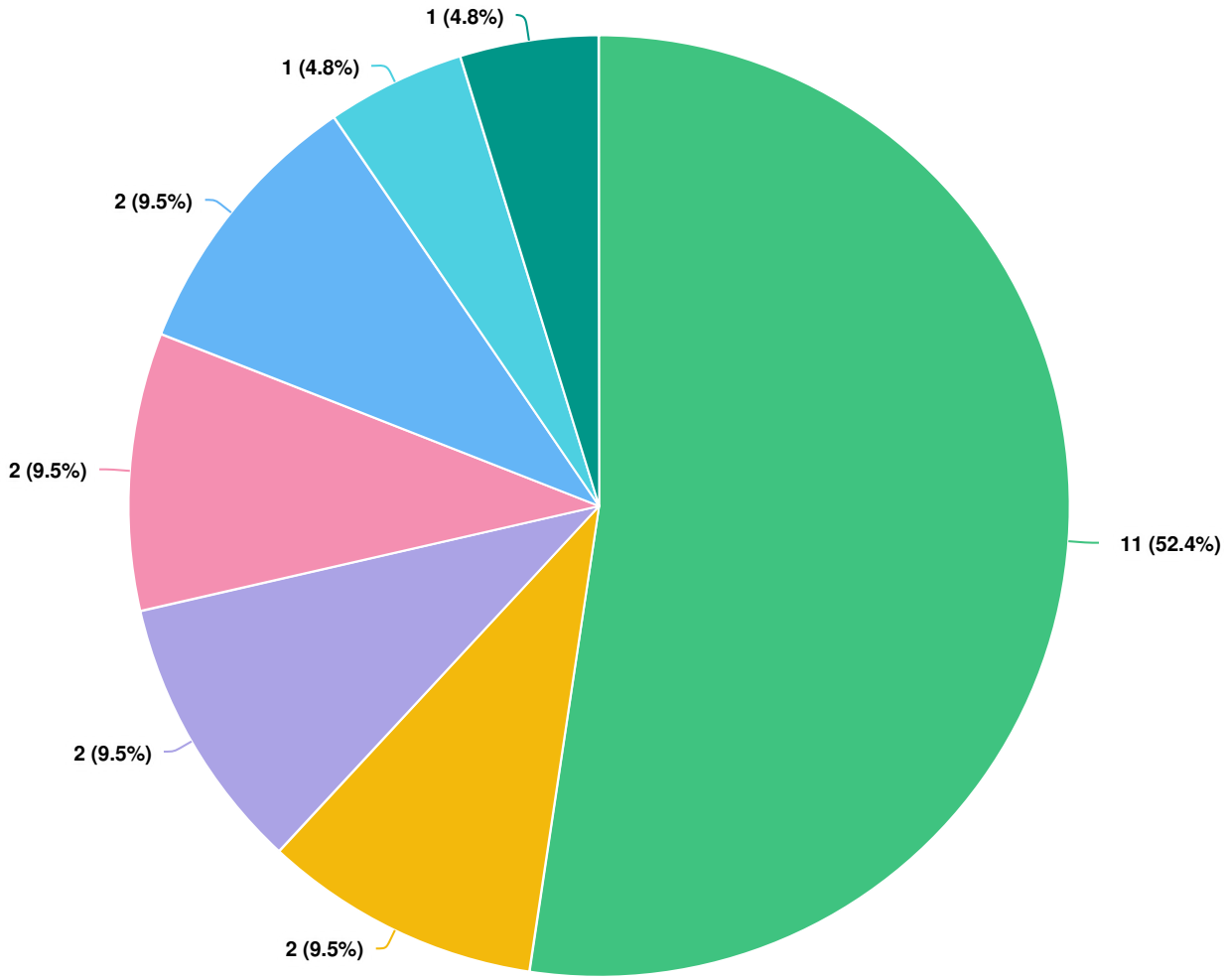


Question options

0-1 year | 2-5 years | 6-10 years | 11-15 years | 16+ years | I don't live or work in Precinct 2 | I don't live in Precinct 2, but work there.

Optional question (23 response(s), 1 skipped)
Question type: Radio Button Question

Q6 What is your zip code?



Question options

Montgomery, TX 77316 | Magnolia, TX 77354 | Magnolia, TX 77355 | The Woodlands, TX 77381 | The Woodlands, TX 77382 | Conroe, TX 77384 | Spring, TX 77382

Optional question (21 response(s), 3 skipped)
Question type: Region Question

MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

STEERING COMMITTEE MEETING 8 – MEETING SUMMARY
THE WOODLANDS AREA CHAMBER OF COMMERCE
SEPTEMBER 29, 2022 2:00 PM - 3:30 PM

Attendees:

Bruce Berger
Carlene Mullins
Lokesh Vijayagopal
Joe Dives
Jeffery English
Justin Kuzila
Rick Wong
Abraham Guzman
Steve Leakey
JJ Hollie

Notes:

1. Welcome
    - Introductions
2. Study Overview
    - Identified Issues
3. Public Meeting Summary
    - Overall positive meeting with 90 attendees
4. Plan Development
    - Alternative 1
    - Revised Alternative – removed Spur 149 Extension, Superior Rd Extension, Atkinson Road, and part of Corrolla Extension
    - Modifications after Stakeholder Meetings -
        - Added Recommendations: Freeport Dr, Keenan Cut-Off Rd to SH 249, Mail Route Rd Extension and Melton St closure
        - Rick-Keenan Cut-Off has permit for Signal now, so we can remove out recommendation for roundabout
    - Modifications after Public Meetings -
        - ADA Compliant Crosswalk Button (FM 1488 at Carriage Hills Blvd)
        - Signal Timing and Safety Lighting
5. Final Recommendations
    - Safety Recommendations (0-1 year)
        - Abraham – FM 1488 median Installation starting from next month and TxDOT has rumble strip paints
        - Rick – Extend some of left-turn on FM 1488
    - Short-Term (1-10 years)
    - Long-Term (11+ years)
    - New Network
    - Precinct Wide Recommendations
    - Active Transportation
    - Transit

6. Plan Cost
    - Roadway Network - $3296.2 M
    - Active Transportation - $318.8 M
    - Total $3.6 Billion
7. Next Steps
    - Steering Committee Review Draft Document
    - Final Report – Fall 2022
8. For more detailed information and to view exhibits, see presentation slides.




Montgomery County Pct. 2 Mobility Study Steering Committee Meeting 8



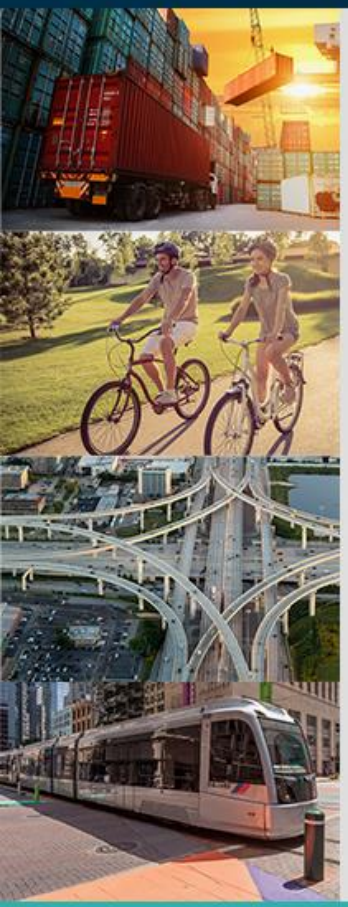

September 29, 2022

Regional Collaboration • Transportation Planning • Multimodal Mobility

Houston-Galveston Area Council

Agenda

1. Welcome
2. Study Overview
3. Public Meeting Summary
4. Plan Development
5. Final Plan Recommendations
6. Plan Cost
7. Next Steps



Study Overview

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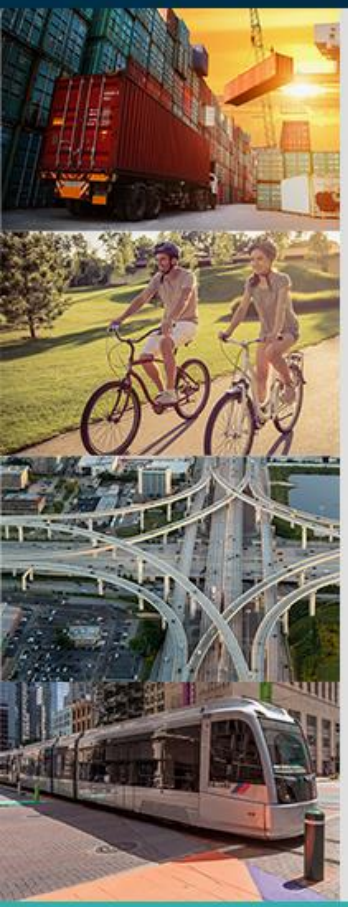
Identified Issues

Plan Adresses	Major Issues	Steering Committee	Stakeholder Groups	Public Input
✔	Traffic Congestion	X	X	X
✔	Dangerous Road Curves	X	X	X
~	North/South Connectivity	X	X	X
~	East/West Connectivity	X		X
✔	Transit Needs	X	X	
✔	Intersection Congestion	X	X	X
✔	Need Bike Routes	X	X	X
✔	Corridor Signal Timings	X	X	X
✔	Railroad Crossings	X	X	X
T	Flooding near IH-45/SH242	X		X
✔	Extend Old Conroe Road	X	X	X
✔	FM 2978 Construction	X	X	X
	School Traffic	X		X
✔	Safety - Crashes	X	X	X
	New Developments	X		X
	Hospital Access		X	
✔	Need Turn Lanes			X
✔	Access Management			X
✔	Road Widening			X
✔	Street Lighting			X
✔	Sign and Pavement Marking			X

Houston-Galveston Area Council



Public Meeting Summary

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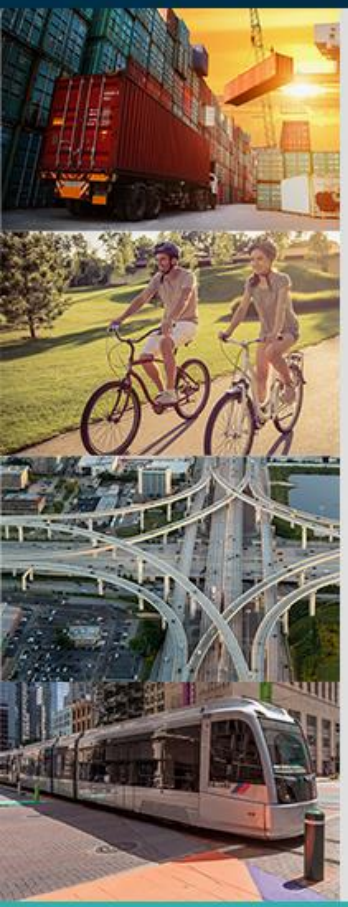
Public Meeting

- Approximately 90 attendees
- Overall positive
- Comments
  - Meeting: 15 comments forms (27* comments)
  - Survey: 25 surveys completed (64* comments)
  - Email: 1
- "Hot Topics":
  - Roundabouts
  - Jones State Forest
  - Signal Synchronization
  - Research Forest
  - Grogans Mill

* Includes duplicate comments





Plan Development

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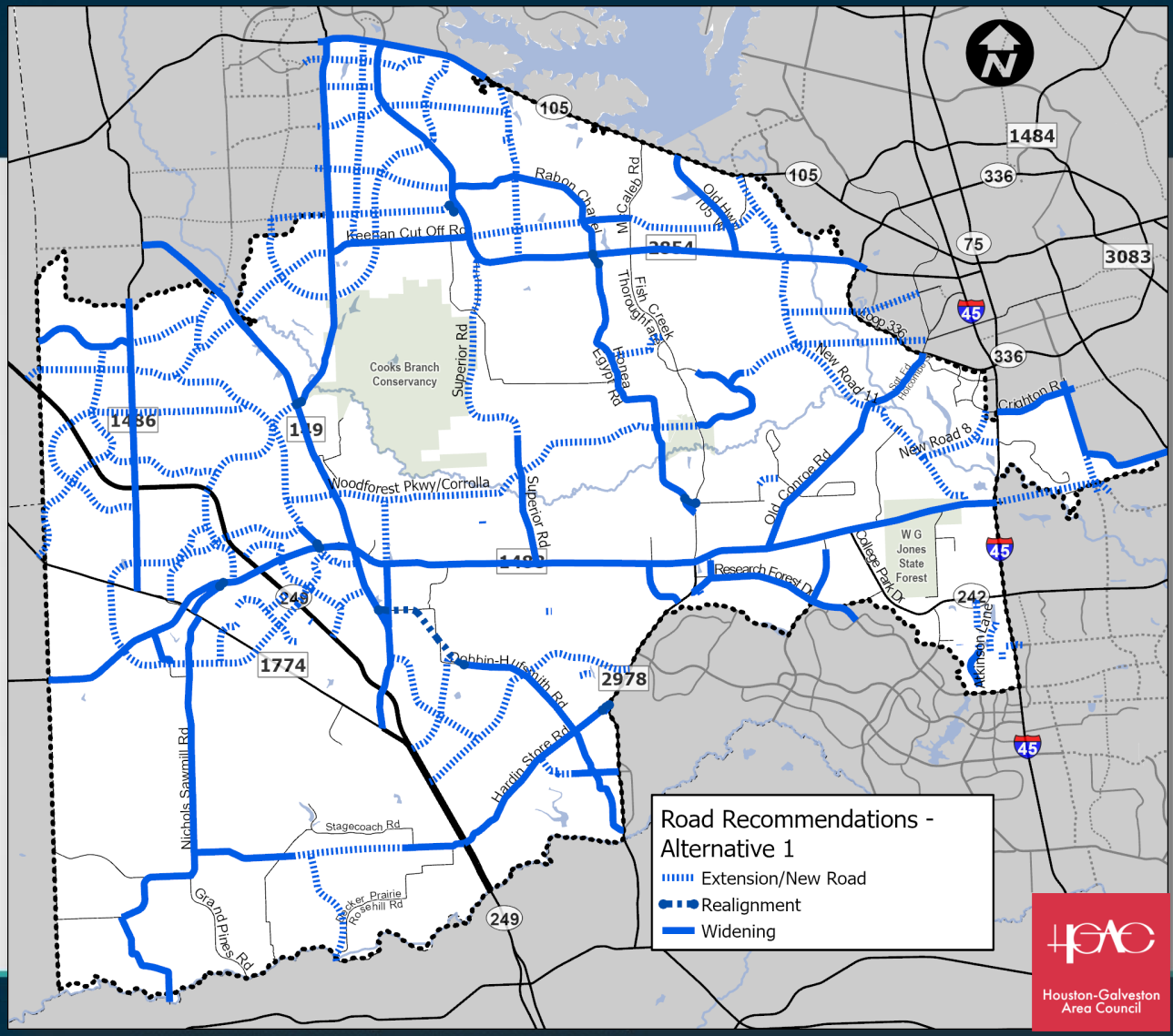
Alternative 1

Description:

- Existing roadway network + MP2 recommendations
- Adds:
  - New roads: 245 miles
  - Widens existing roads
  - Extends existing roads

Benefits:

- Improves connectivity
- Improves safety
- Distributes traffic
- Provides alternative routes



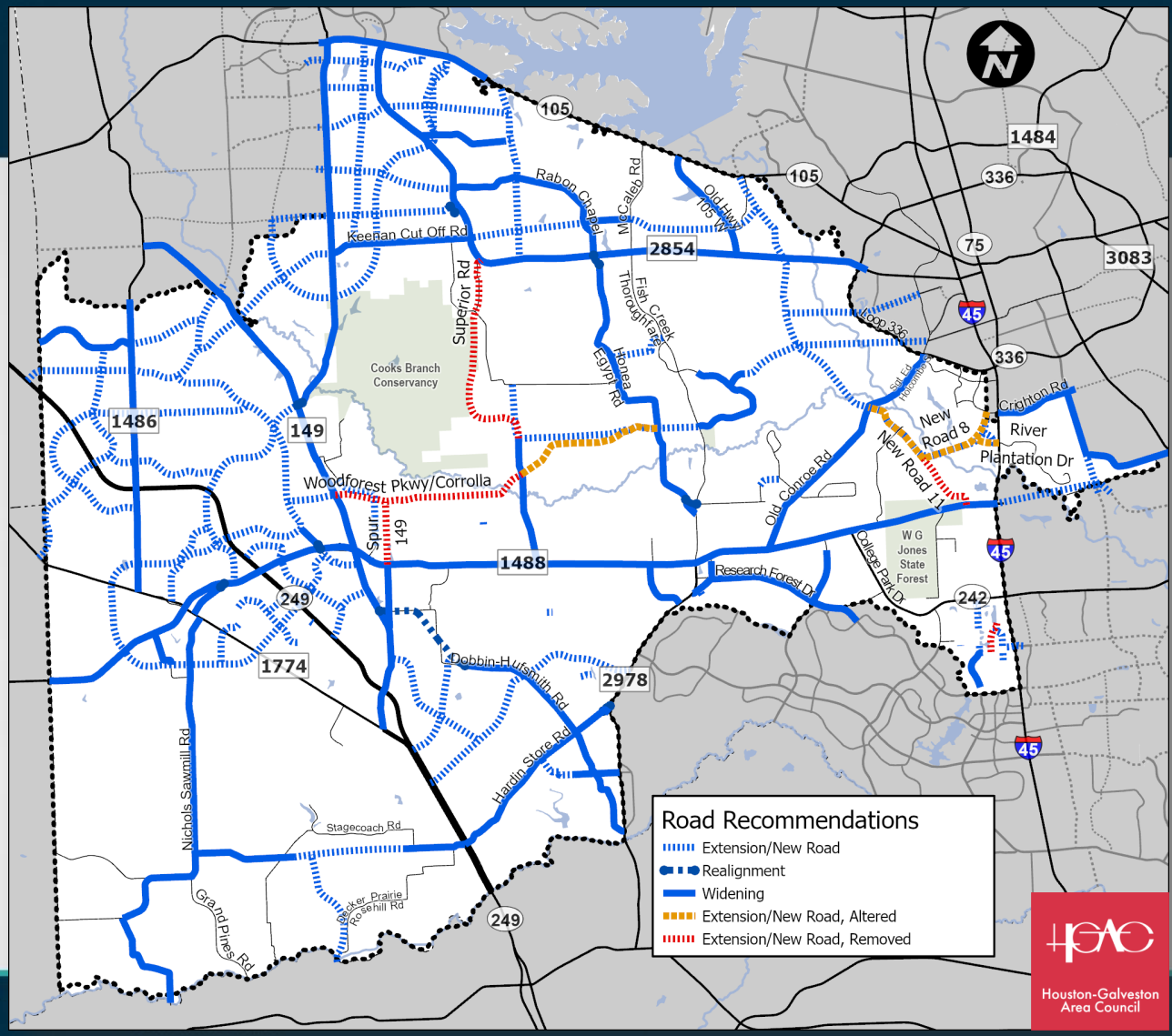
Revised Alternative

Removed:

- Superior Road Extension
- Woodforest Pkwy/Corrolla – extension west to FM 149
- Spur 149 – Extension north from FM 1488
- Atkinson Road

Realigned:

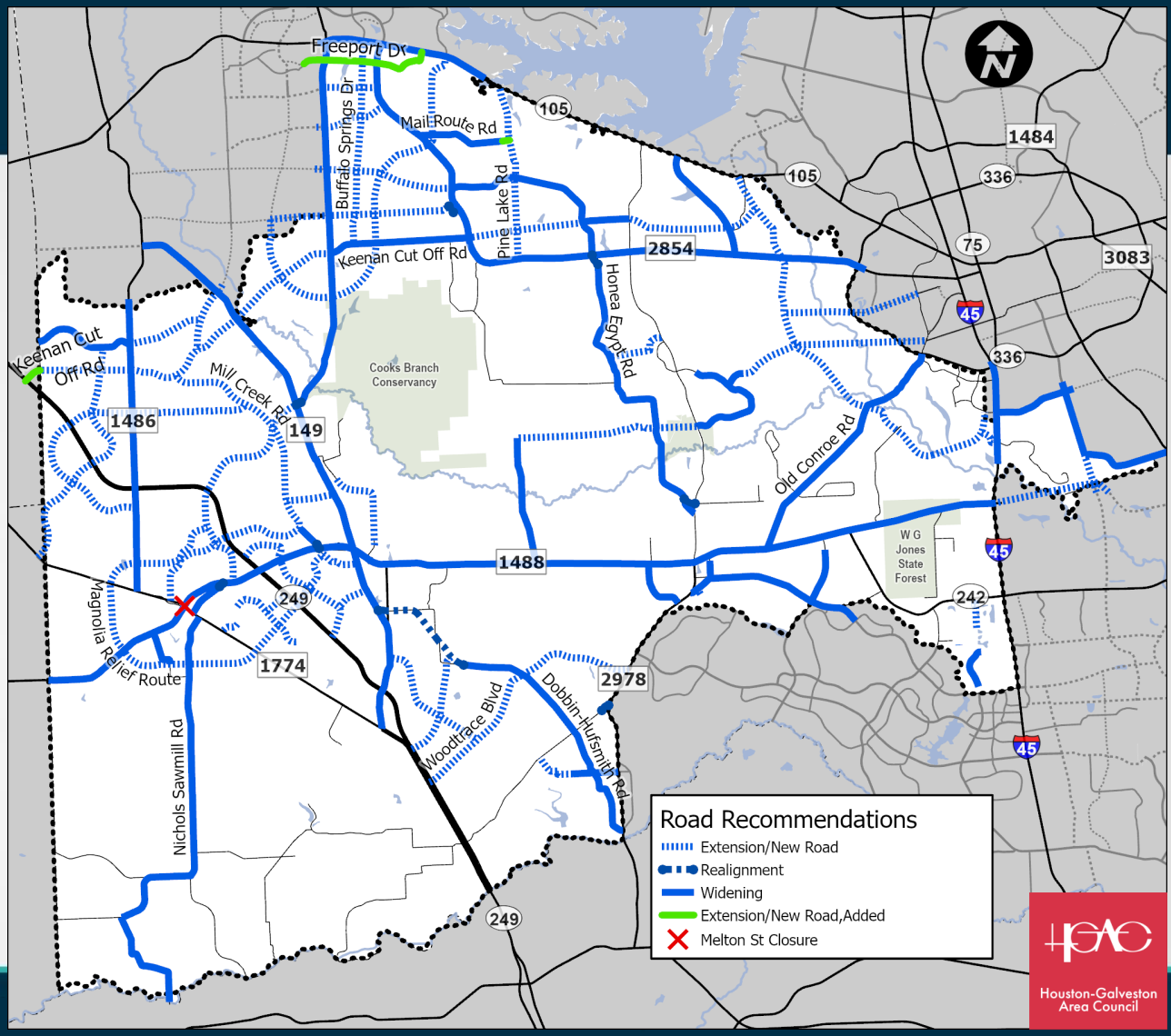
- Woodforest/Corrolla - from Honea Egypt to Superior
- New Road 11 and 8



Modifications after Stakeholder Meetings

Added:

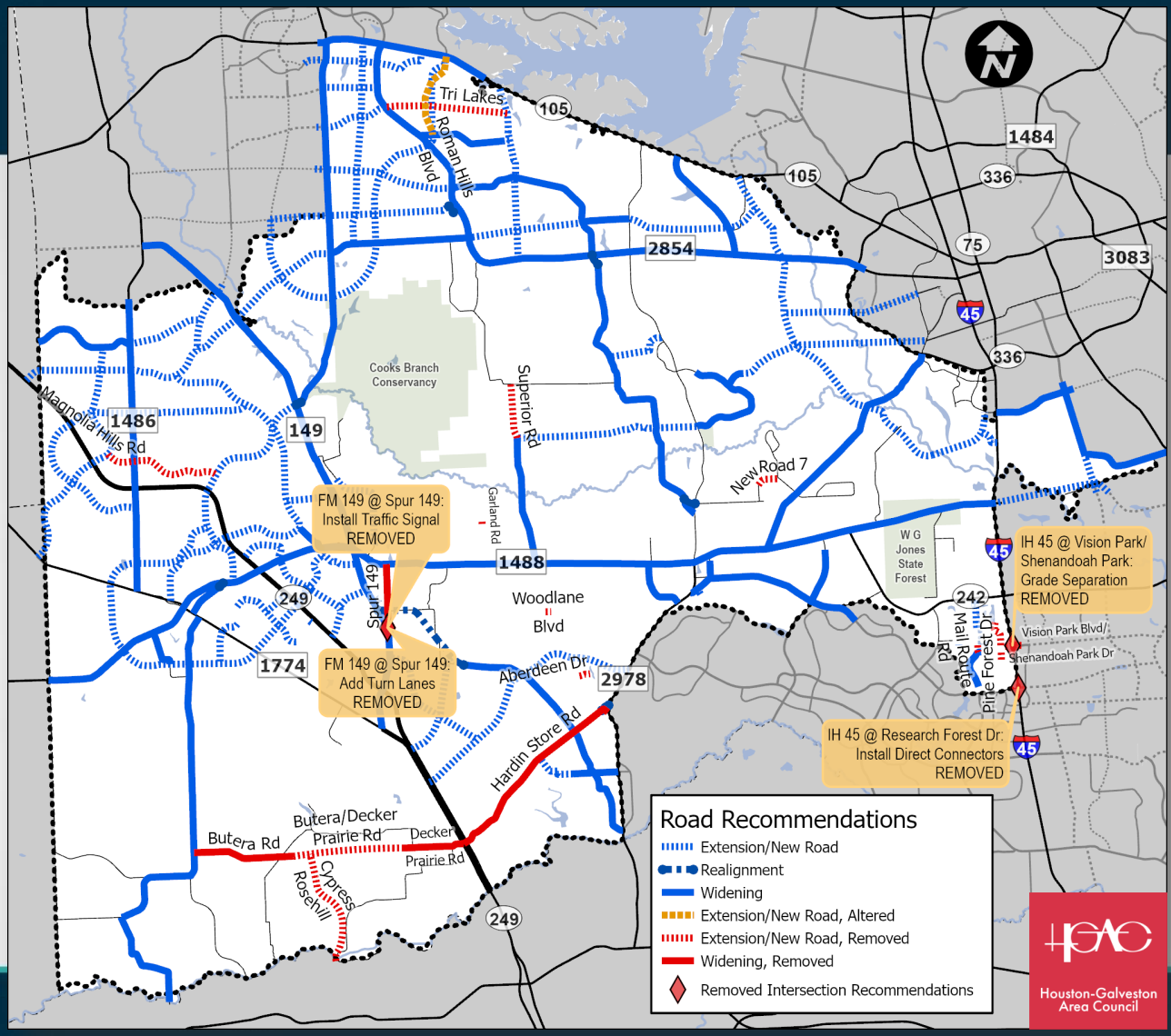
- Freeport Drive
- Keenan Cut-Off connection to SH 249
- Extension of Mail Route Road to Pine Lakes
- Melton Street closure from FM 1488 to Smith Road



Modifications after Stakeholder Meetings

Removed:

- Widening Projects
  - Hardin Store Rd (Widening)
  - Spur 149 (Widening & Street Lighting)
  - Butera Rd/Decker Prairie Rd (Ext.)
- Extensions/New Roads
  - Pine Forest Dr
  - Superior Rd
  - Woodforest/Corrolla
  - Magnolia Hills Rd
  - Superior Road
  - Cypress Rosehill
  - Butera Rd/Decker Prairie Rd
  - Multiple Small Neighborhood Connectors
  - Portion of Tri Lakes Extension
- Intersection/Overpass
  - I-45 @ Vision Park/Shenandoah Park
  - Spur 149 @ FM 149



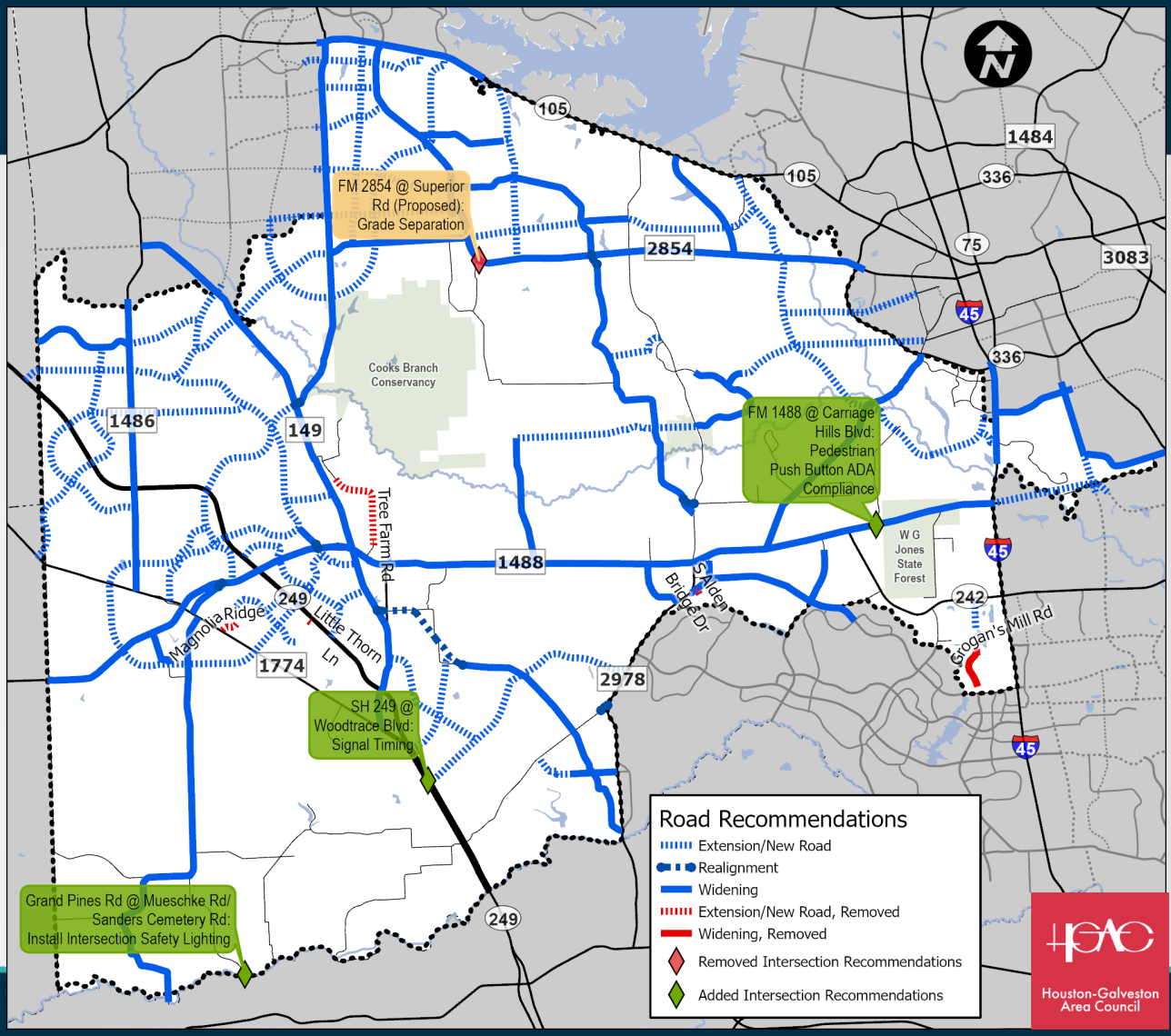
Modifications after Public Meeting

Added:

- ADA Compliant Pedestrian Crosswalk Button: FM 1488 at Carriage Hills Blvd.
- Improve Signal Timing: SH 249 at Woodtrace Blvd.
- Install Safety Lighting: Grand Pines Rd. at Mueschke Rd.

Removed:

- Grade Separation: FM 2854 at Superior Rd
- Roads:
  - Magnolia Ridge
  - Tree Farm Road
  - Little Thorn Lane
  - S. Alden Bridge
- Widening: Grogans Mill



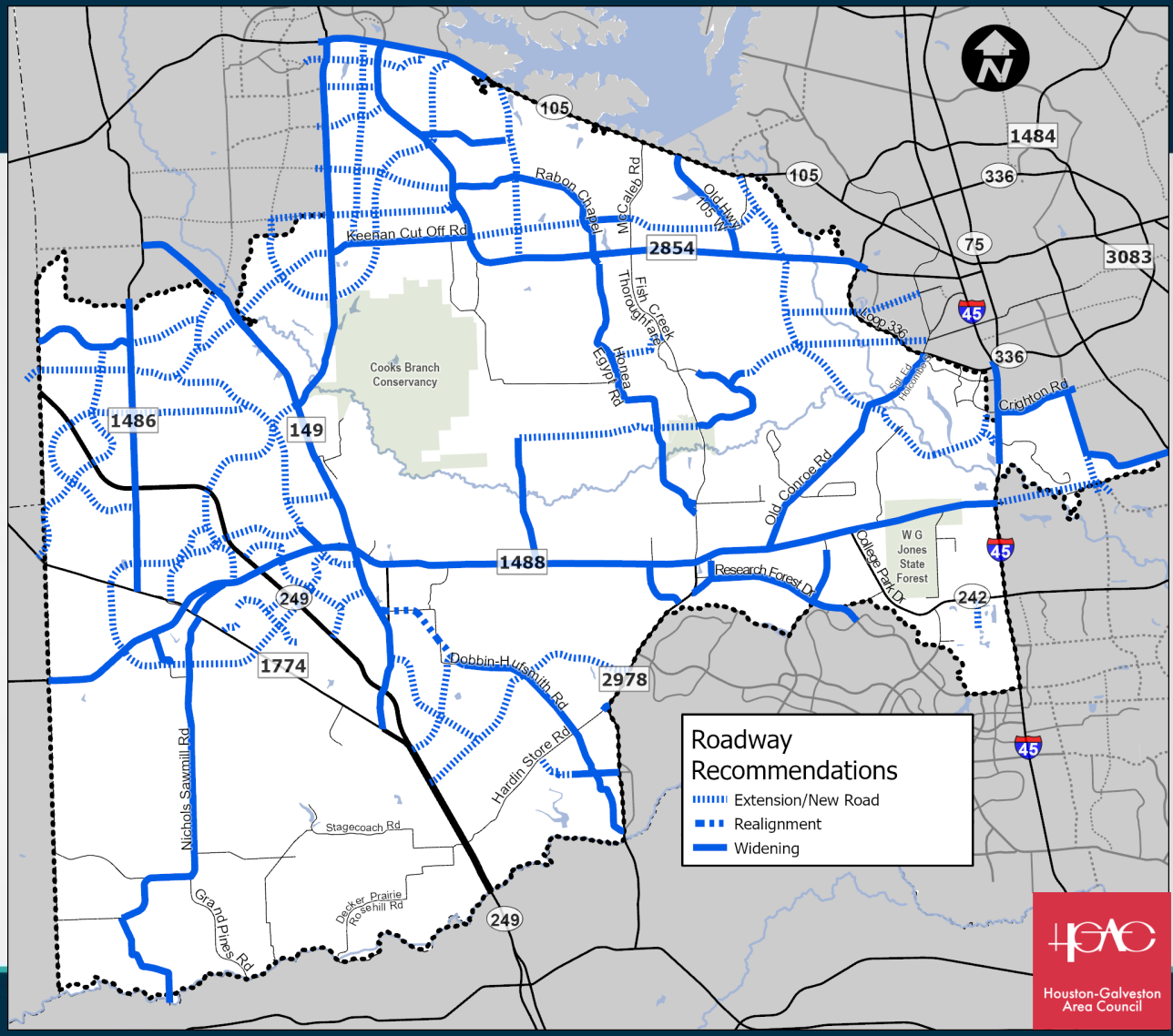
Result

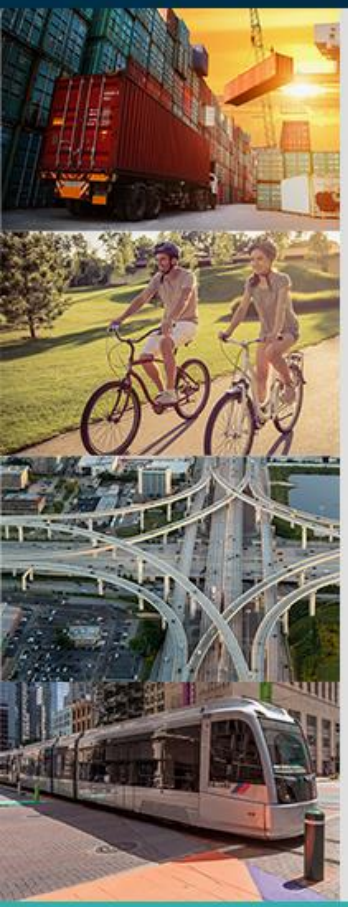
Description

- Existing Roadway Network + MP2 Recommendations
- Adds:
  - New Roads/Extensions - 137.9 miles
  - Road Widenings - 151.8 miles
  - Realignments - 3.6 miles
  - Intersection Improvements – 131

Benefits

- Improves connectivity
- Improves safety
- Distributes traffic
- Provides route alternatives.
- Mitigates congestion
- Public approved plan





Final Recommendations

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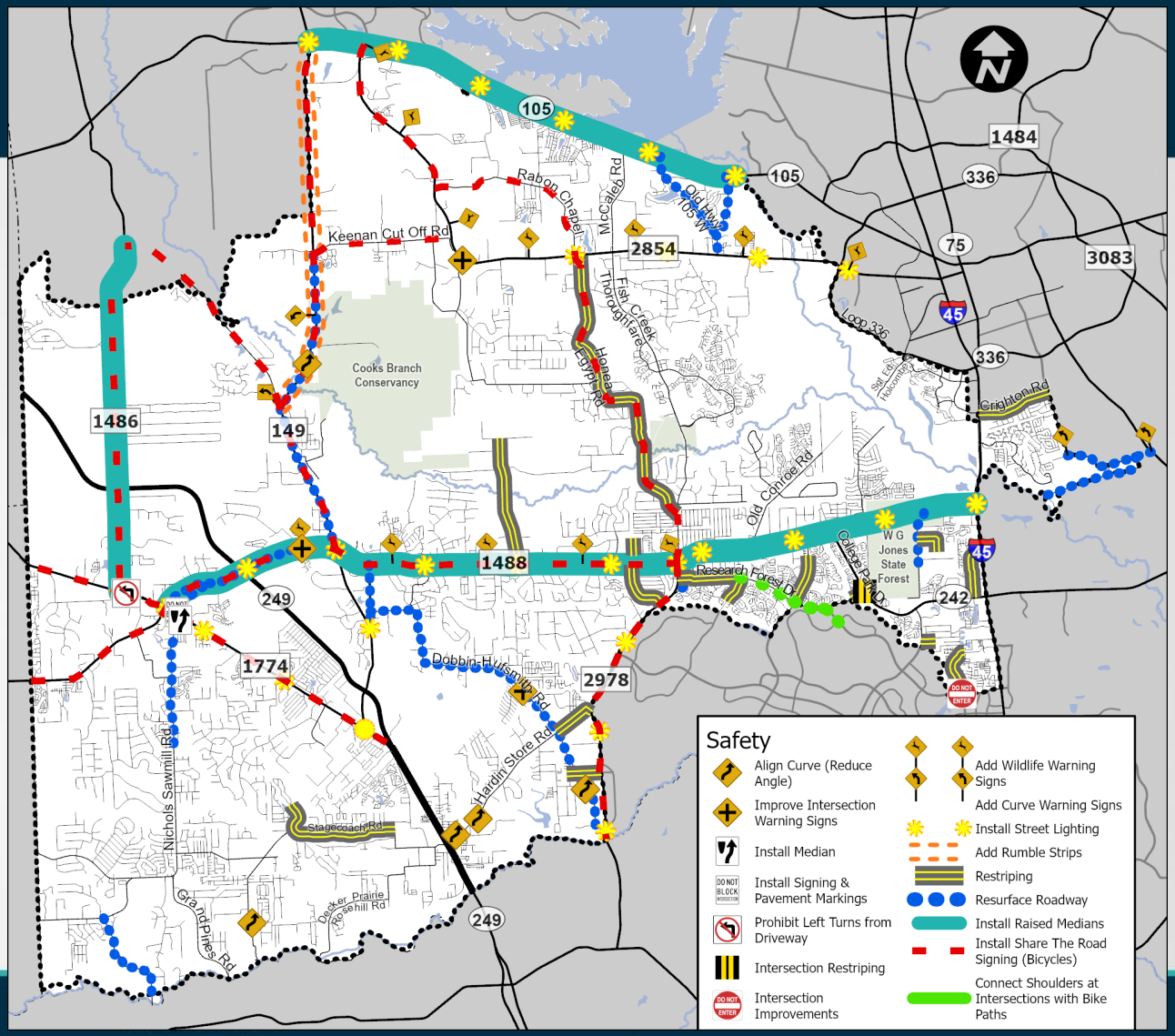
Safety
(0-1 year)

Roadway Inventory Results

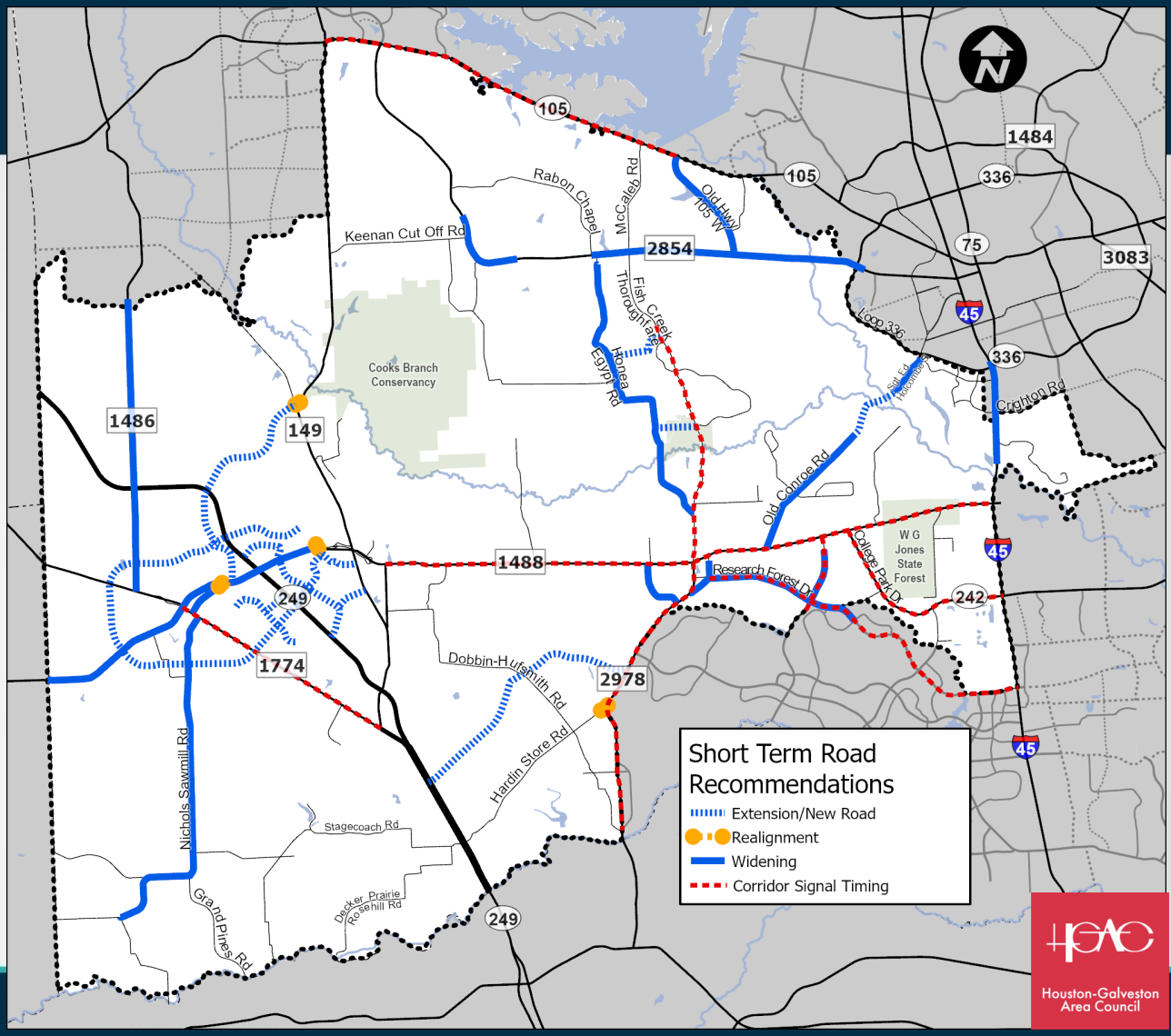
- Replace missing signs
  - Curve Ahead
  - Wildlife Warning
  - Share the Road
- Install raised medians
- Install street lighting
- Resurface roads
- Install rumble strips
- Restripe road



Short-Term (1-10 Years)

- Road Ext./New - 34.8 miles
- Road Widenings - 56.5 miles
- Realigning Roads - 0.5 miles
- Raised Medians - 35.7 miles

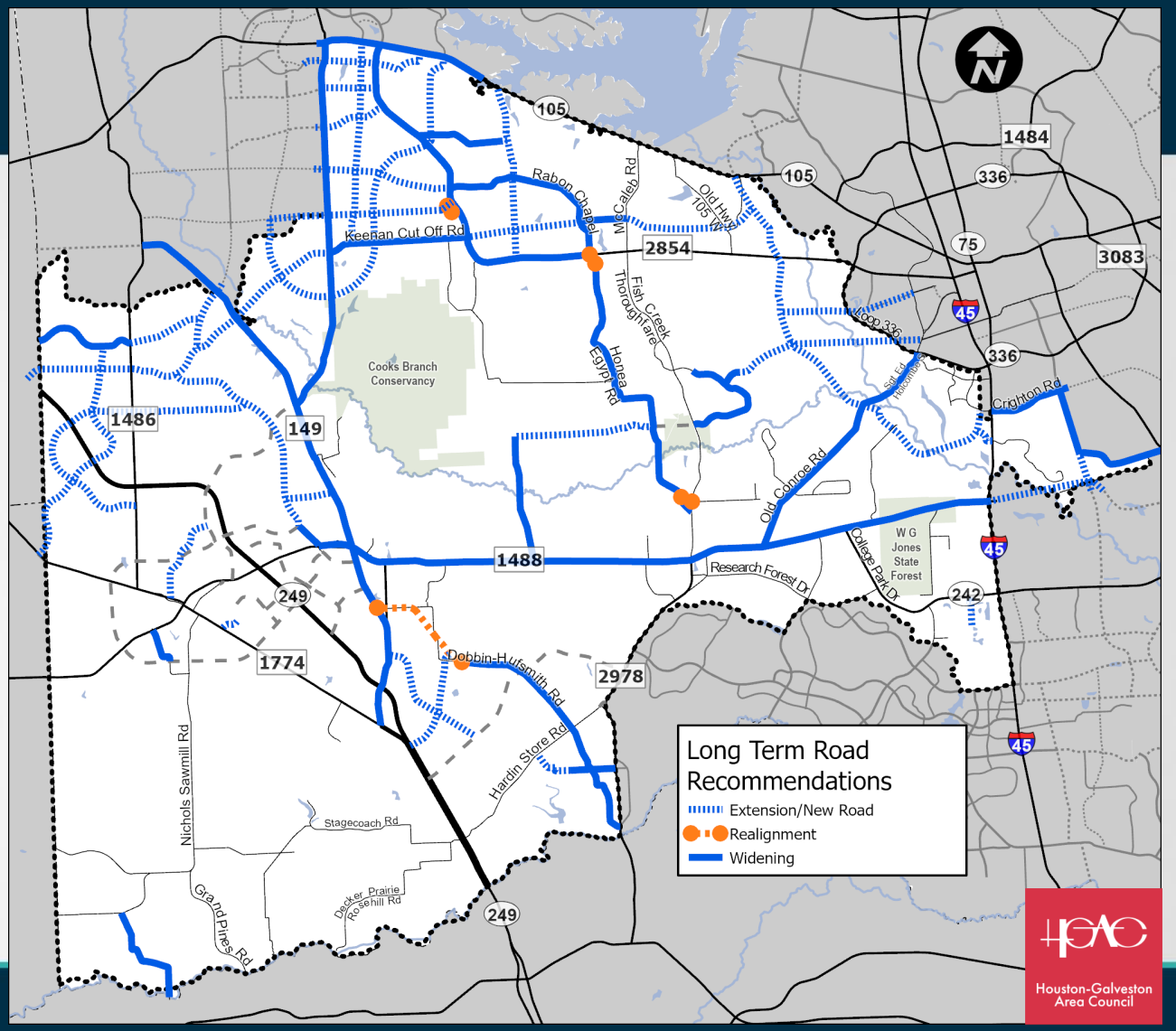
Total: 127.6 miles



Long-Term (11+ yrs.)

- Road Ext./New – 100.7 miles
- Road Widenings - 94.3 miles
- Realigning Roads – 3.1 miles
- Raised Medians - 0

Total: 198.0 miles

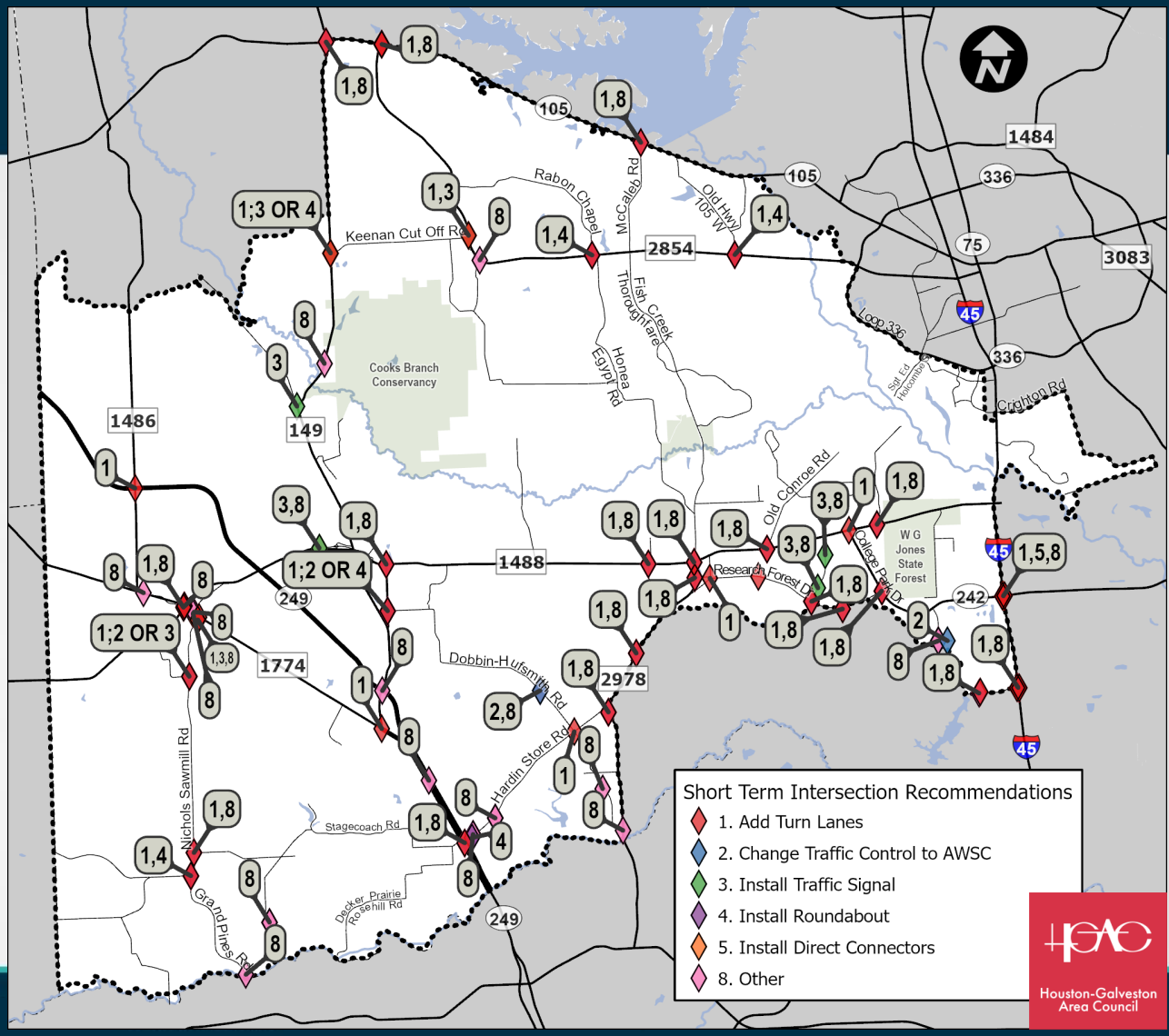


Short-Term (1-10 years)

- Grade Separations - 0
- Direct Connectors – 1
- Continuous Green T - 0
- Roundabouts - 6
- Intersection Redesign - 8
- Other Improvements* - 92

Total Improvements
107

**Does not include above items*

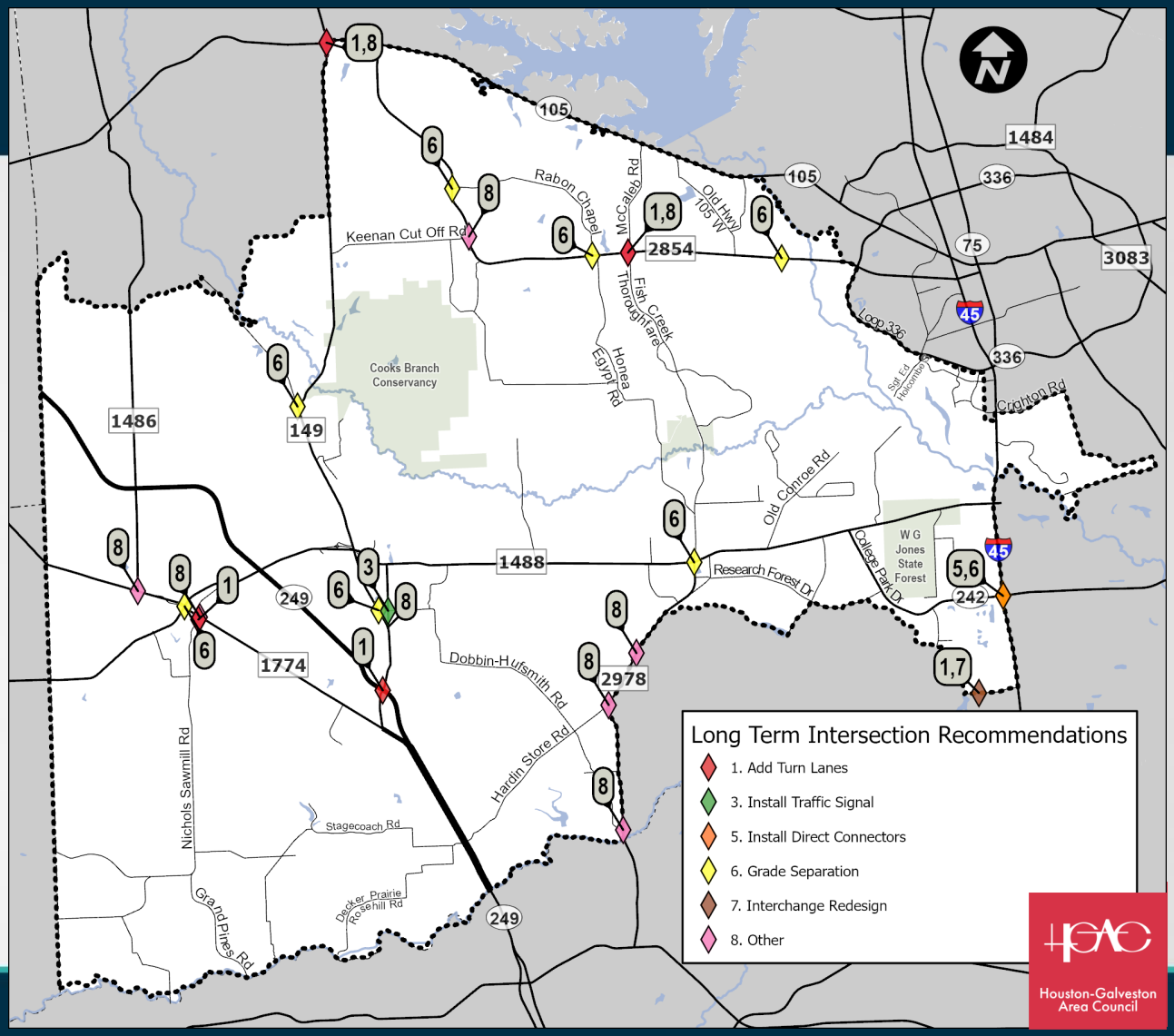


Long-Term
(11+ yrs.)

- Grade Separations – 8
- Direct Connectors - 1
- Continuous Green T - 6
- Roundabouts - 0
- Intersection Redesign - 2
- Other Improvements* - 9

Total Improvements
26

**Does not include above items*



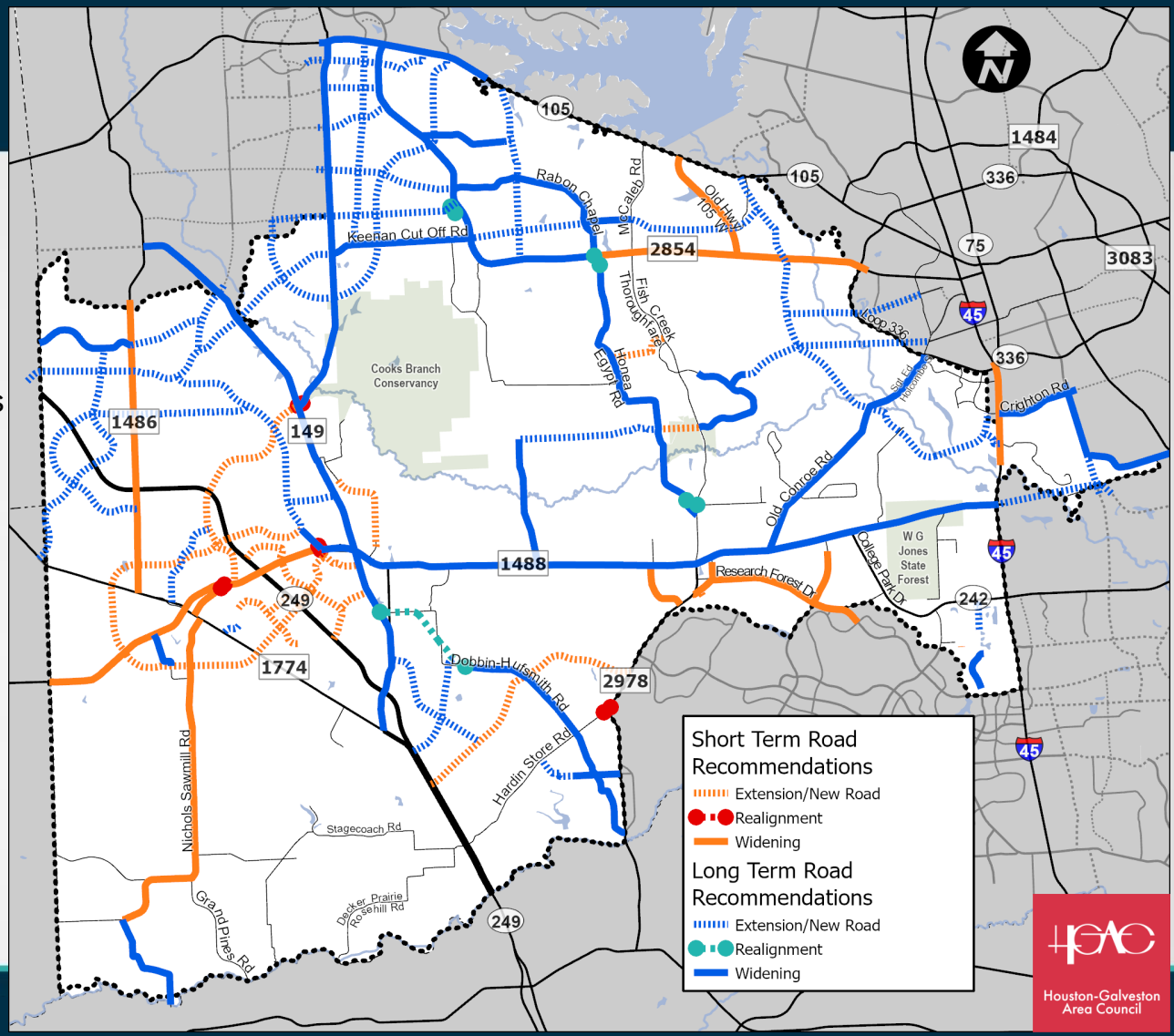
New Network

Description

- Existing Roadway Network + MP2 Recommendations
- Adds:
  - New Roads/Extensions - 135.5 miles
  - Road Widenings - 150.8 miles
  - Realignments - 3.6 miles
  - Raised Medians - 35.7 miles
  - Intersection Improvements – 133

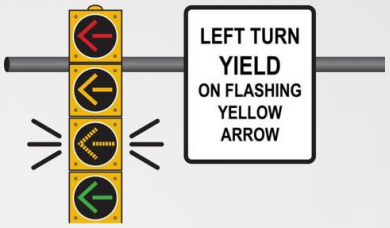
Benefits

- Improves connectivity
- Improves safety
- Distributes traffic
- Provides route alternatives.
- Mitigates congestion
- Public approved plan



Precinct Wide Recommendations

- Flashing Yellow Arrow Left Turn Signals
- Reflective Signal Backplates
- GPS Emergency Vehicle Signal Preemption Equipment
- Expand Montgomery Co. NorthStar Advanced Transportation System to Precinct 2
- "Share The Road" Signs
- 311 App for Precinct 2
- Add "All Way Stop" plaques where missing
- Add additional speed limit signs, especially on major routes and after major intersections



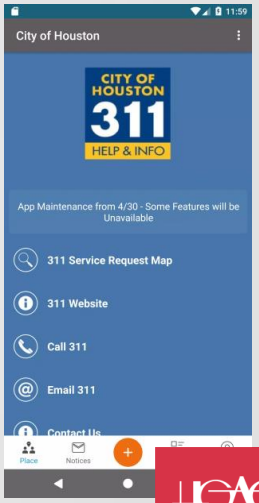












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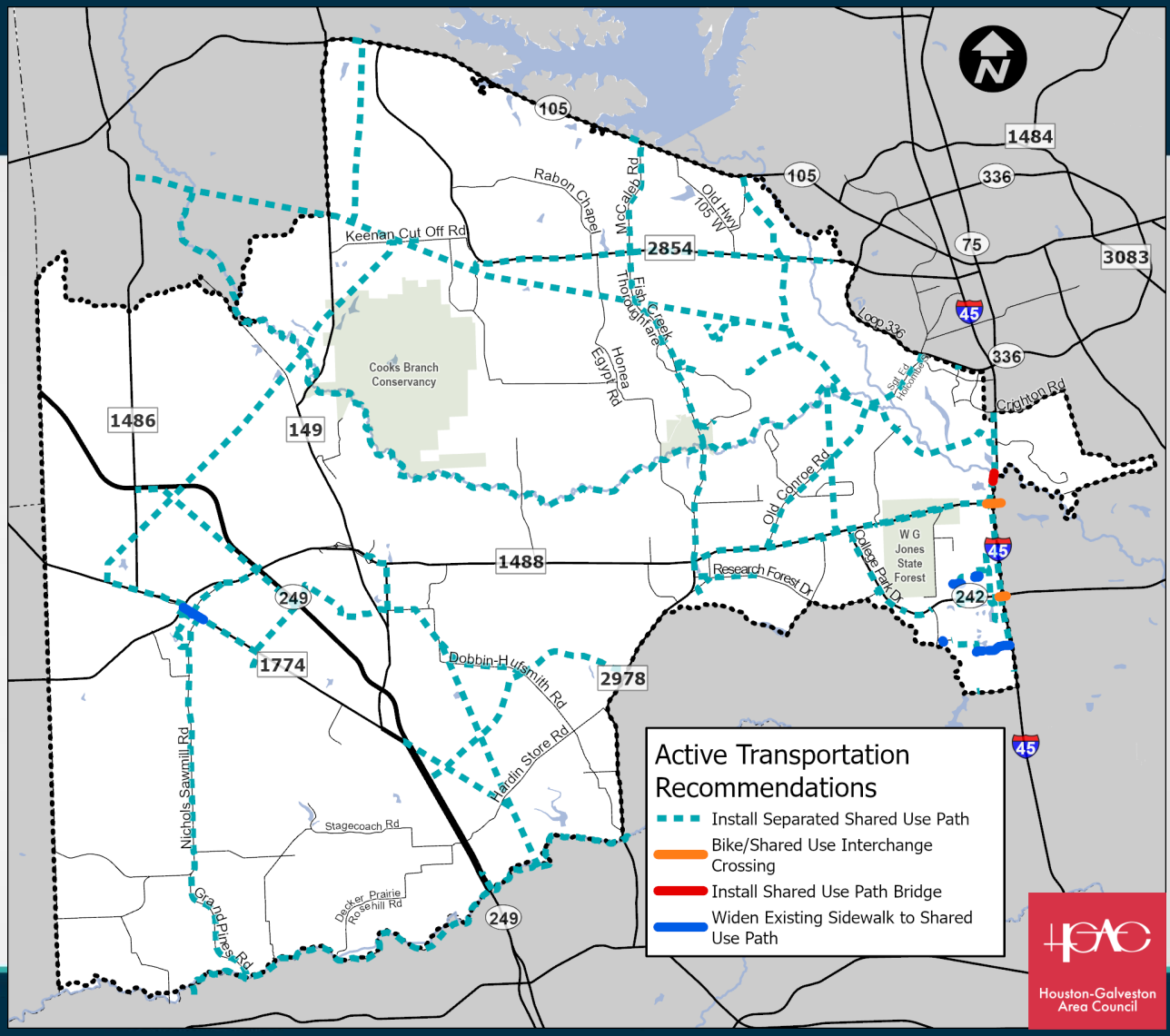
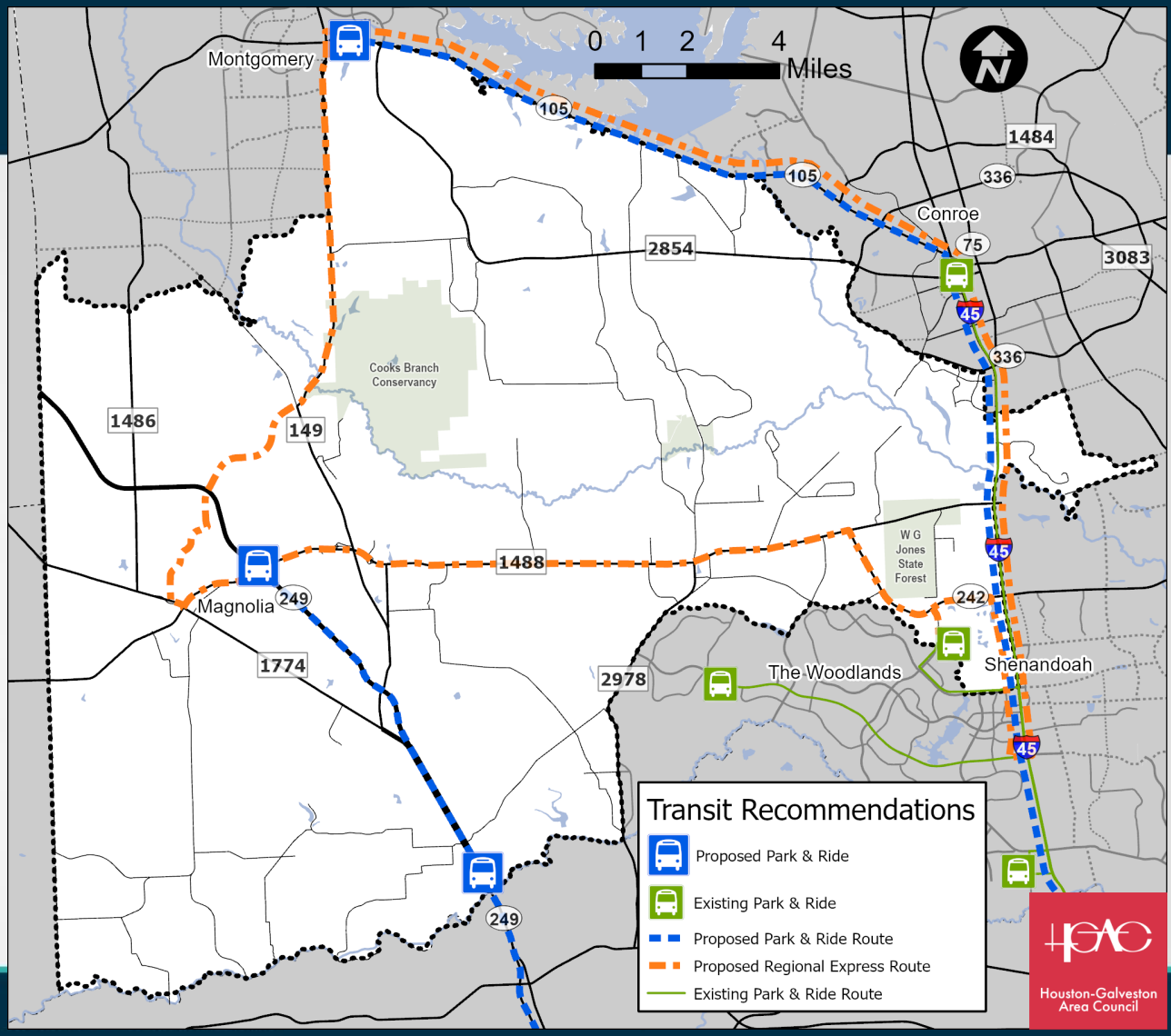
Active Transportation

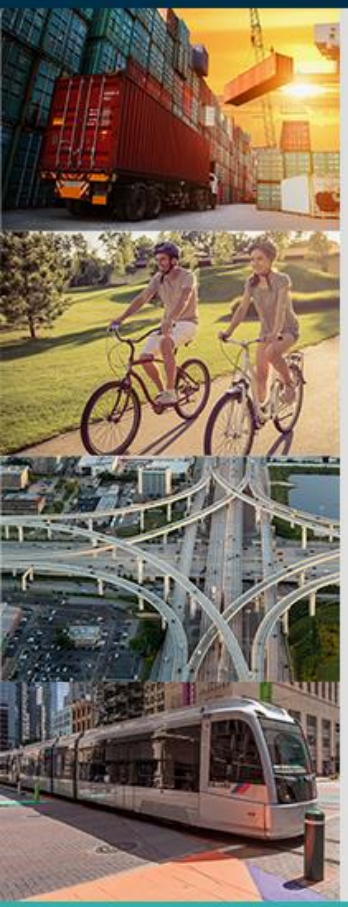
- Shared use paths - 180 miles located in/adjacent to:
  - Rivers, creeks, floodplain,
  - Railroad and utility easements
  - Adjacent to road
- Widen or extend existing sidewalks (1.6 miles)



Transit

- Park & Ride Facilities – 3 Located near Montgomery, Magnolia, and just north of Tomball
- Express Route -1 Provides service between Montgomery, Magnolia, The Woodlands and Conroe





Plan Cost

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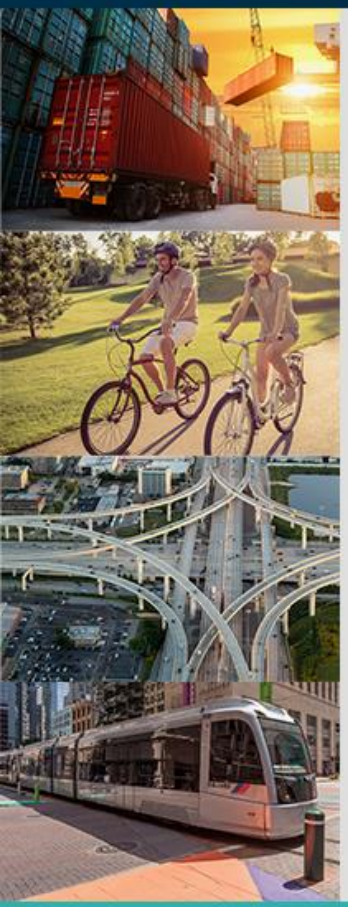
Revised Plan Cost



Roadway Network	MM
Safety:	$62.1
Short-term:	$960.0
Long-term:	$2274.0
Total:	$3296.2

Active Transportation	MM
Bike/Pedestrian:	292.8
Transit:	$26.0
Total:	$318.8

Plan Total: $3.6 Billion

* Note – does not include the cost of ROW

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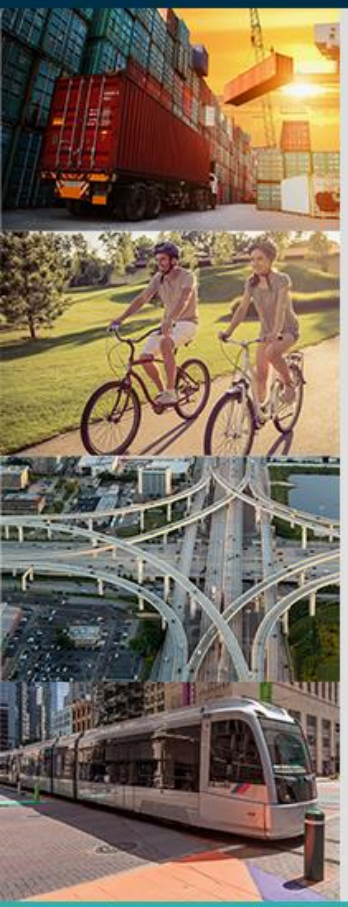

Next Steps

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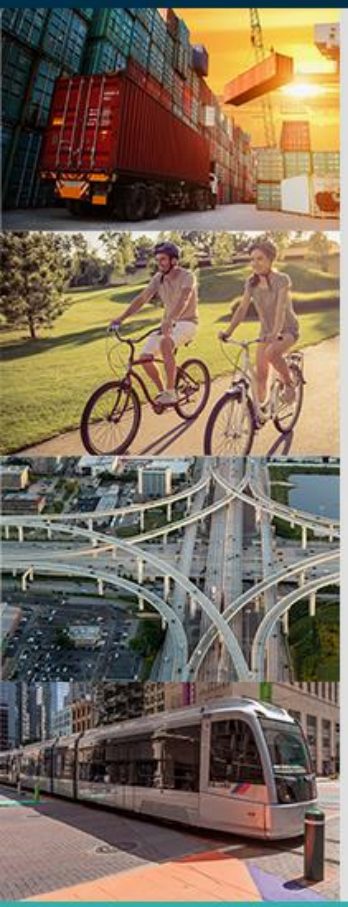
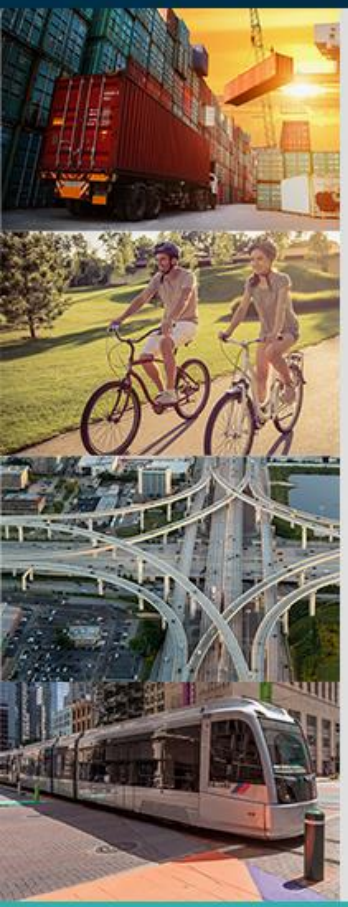
Next Steps



- Steering Committee Review Draft Document
- Final Document - Fall 2022

Thank You!



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Interactive Map

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