
Appendix L

Risk Register Scores

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Project Risk Register Overview and Use

The Project Risk Register is used to identify, document, and monitor delivery risks associated with federally funded projects. Risks are organized into three primary categories: Project Scope, Process Certainty, and Resource Availability. Each category captures potential factors that may impact a project's schedule, readiness, or delivery certainty over its programmed lifecycle.

Risk Register Structure and Scoring

The Risk Register consists of a standardized form composed of yes/no-based assessment questions aligned to each of the three risk categories listed below. Risk levels are determined based on responses to these questions, with scoring calculated according to the type of project and its programmed letting year. Upon completion of the initial submission, each Risk Register is formally scored to establish a baseline risk profile for the project.

Risk Categories

Project Scope Risks include questions related to:

- Project type and overall scope
- Design completion status
- Right-of-way (ROW) and property acquisition requirements
- Environmental clearance type and status
- Permitting requirements
- Railroad involvement
- Utility adjustment or relocation needs

Process Certainty Risks include questions related to:

- Statewide Transportation Improvement Program (STIP) approval
- Advance Funding Agreement (AFA) execution
- Federal Transit Administration (FTA) fund transfer processes
- Consultant selection processes
- Procurement and contract timelines
- ROW/property agreement execution
- Railroad and utility agreement execution

Resource Availability Risks include questions related to:

- Availability of staffing resources for engineering, ROW/property acquisition, and utility coordination
- Funding availability
- Capital Improvement Program (CIP) budget timing

- Bond funding availability

Application and Ongoing Monitoring

Project sponsors are required to complete the Risk Register when submitting projects programmed with federal funding categories, including Category 5 CMAQ, Category 7 STBG, Category 9, Category 2, and Category 10.

Once projects are programmed, the Project Delivery Team conducts quarterly monitoring and tracking meetings with project sponsors for federally funded projects within these categories. During these meetings, critical milestones and risk-related items identified in the Risk Register are reviewed and discussed. As projects progress through delivery, risk responses and associated scores are expected to decrease, reflecting increased certainty as key milestones are achieved and outstanding risks are mitigated.

MPOID	CSJ	SPONSOR	FACILITY NAME AND LIMITS	PROJECT DESCRIPTION	PROGRAMMED FISCAL YEAR	RISK SCORE	High Risk milestones that scored 4 and 5.	RISK NOTES	Programmed FY	Total Months	SCHEDULE NOTES
19409	Null	Brazoria County	County Road 59 from Fort Bend County Line to CR 48	RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE ROADWAY	2033	38			2033	77	
19223	0675-08-128	City of Conroe	IH 45 at NL 336	Construct intersection improvements including replacement signals and ADA compliant crosswalks	2027	38	E- Phase Consultant Selection Process,	High Risk due to Medium to High Risk due to schedule/timing for	2027	13	
19060	0976-03-120	City of Friendswood	FM 528 @ FM 518	Replace single left turn lane with dual left turn land	2026	27	Capital Improvement Program (CIP)		2029	27	
19061	0981-02-01	City of Friendswood	FM 528 @ Winding Way	Construct new right turn lane	2026	32	Design, Capital Improvement Program (CIP)		2029	27	
19062	0981-01-12	City of Friendswood	FM 528 @ Bay Area Boulevard	Construct new left turn lanes	2026	31	Design, ROW		2029	27	
19063	1414-01-02	City of Friendswood	FM 528 @ Sunset	Striping to add middle lane	2026	27	Capital Improvement Program (CIP)		2029	27	
19074	0912-00-73	City of Friendswood	Friendswood Parkway / Pearland Parkway	ENGINEERING/ENVIRONMENTAL (DEVELOPMENT PHASE ONLY) FOR A NEW 4-LANE FACILITY ON NEW LOCATION	2026	57	AFA, Design, Environmental, Public Involvement, Capital Improvement Program (CIP)	Medium to High Risk due to schedule/timing for programming	2029	31	
19186	0976-03-12	City of Friendswood	FM 518 @ FM 528	Install eastbound and westbound right turn lanes.	2026	27	Capital Improvement Program (CIP)		2029	27	
19218	0912-73-24	City of Friendswood	Sunset Drive between Briar meadow Avenue & Cowards Creek Drive	Rehabilitate and upgrade three existing signalized intersections and convert existing stop-controlled intersection to signalized intersection at Briar Meadow Ave.	2026	39	AFA, Design, Environmental, Capital Improvement Program (CIP)	Medium risk due to timing/schedule for programming	2028	27	
19057	0912-73-2	City of Galveston	Stewart Road: 7.5 Mile Road to FM3005	REPLACE EXISTING TRAFFIC SIGNAL AND INSTALL NEW GUARD RAIL	2026	45	Design, Environmental, Public Involvement, Capital Improvement Program (CIP)	Medium to high risk due to timing	2027	18	
19058	Null	City of Galveston	City of Galveston	Construct New Traffic Signal	2027	48	Design, ROW, Environmental	Medium to high risk due to timing	2028	27	
19059	Null	City of Galveston	City of Galveston	Construct New Traffic Signal	2026	50	Design, Environmental, Public Involvement, Permits	Medium to High risk due to enviro	2027	18	
19184	0912-73-25	City of Galveston	City of Galveston	INSTALL NEW ITS AND COMMUNICATION EQUIPMENT CITY WIDE.	2026	42	AFA, Design, Environmental, Public Involvement		2028	26	
19208	Null	City of Galveston	Seawall Blvd: Broadway to 61st St	Resurface Road	2026	39	AFA, Design, Public Involvement		2028	28	
19210	0912-73-24	City of Galveston	Stewart Road: 7.5 Mile Road to FM3005	Mill & Overlay, localized base repairs, addition of paved shoulders for dedicated bicycle lanes and crushed concrete or limestone transition between the pavement and existing grade	2026	43	AFA, Design, Environmental, Public Involvement		2028	28	
19339		City of Galveston	City of Galveston	Construct New Traffic Signal	2027	51	AFA, Design, Environmental, Public Involvement, Permits		2027	26	
77	0912-72-3	City of Houston	Gessner Rd, N. of Briar Forest to Richmond Ave	Reconstruct from 4 to 4 lanes with intersection improvements (including left turn lanes, right turn lanes, and traffic signal improvements); sidewalks on both sides (NB and SB); and safety improvements (including crosswalks, pedestrian signals, signage, pavement marking, and street lighting)	2028	59	AFA, Design, ROW, Environmental, Permit, Utilities		2021	46	
5030	0912-71-83	City of Houston	Greens Rd, from JFK Blvd to IH 69	RECONSTRUCT AND WIDEN FROM 2 LANE TO 4-LANES DIVIDED	2028	43	AFA, ROW, Utilities				
17093	0912-72-38	City of Houston	From Braeswood Blvd S to Airport Blvd W	RECONSTRUCT TO 4 LANE ROADWAY WITH INTERSECTION, SAFETY, MULTIMODAL AND DRAINAGE IMPROVEMENTS	2028	47	TxDOT, Design, ROW, Environmental, Utilities		2019	46	

17111	0912-72-3	City of Houston	Gessner Rd, N. of Briar Forest to Richmond Ave	Reconstruct from 4 to 4 lanes with intersection improvements (including left turn lanes, right turn lanes, and traffic signal improvements); sidewalks on both sides (NB and SB); and safety improvements (including crosswalks, pedestrian signals, signage, pavement marking, and street lighting)	2028	59	AFA, Design, ROW, Environmental, Permit, Utilities		2021	46
17112	0912-72-38	City of Houston	Gessner Rd, N. of Briar Forest to Richmond Ave	Reconstruct from 4 to 4 lanes with intersection improvements (including left turn lanes, right turn lanes, and traffic signal improvements); sidewalks on both sides (NB and SB); and safety improvements (including crosswalks, pedestrian signals, signage, pavement marking, and street lighting)	2028	59	AFA, Design, ROW, Environmental, Permit, Utilities		2021	46
18034	0912-72-61	City of Houston	Antoine Drive from US 290 to Victory Drive	RECONSTRUCT AND WIDEN 4 TO 6 LANES IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMODATIONS, TURN LANES, INTERSECTION IMPROVEMENTS AND A RAILROAD GRADE SEPARATION	2028	83	TxDOT, Design, ROW, Permits, Utilities			
18879	0912-72-68	City of Houston	Antoine Drive from Victory Drive to W Mt. Houston	RECONSTRUCT 4 LANE ROADWAY IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMMODATIONS, TURN LANES, AND INTERSECTION IMPROVEMENTS	2027	54	TxDOT, Design, Environmental, Utilities			
19068	0912-72-79	City of Houston	Waugh Dr, AT MEMORIAL DR & BUFFALO BAYOU	ENGINEERING/ENVIRONMENTAL (DEVELOPMENT PHASE ONLY) FOR PEDESTRIAN AND BICYCLE CONNECTIONS	2026	56	STIP, TxDOT, Design, Environmental, Public Involvement, Permits			
19235	0912-72-82	City of Houston	Harwin Dr, Hillcroft Ave; from Harwin: Forney Dr, Hillcroft: N of IH-69 FR; to Harwin: E of Hillcroft, Hillcroft: S of Westpark Tollway	RECONSTRUCTION OF EXISTING INTERSECTIONS INCLUDING MODERNIZATION OF EXISTING TRAFFIC SIGNALS, PAVEMENT AND PEDESTRIAN REALM RECONSTRUCTION, AND ASSOCIATED STORMWATER, WATER, AND WASTEWATER INFRASTRUCTURE IMPROVEMENTS.	2026	50	STIP, Design, Environmental, ROW, Public Involvement, Utilities		2025	32
19064	0192-01-109	City of Missouri City	SH 6 at Township Lane	Installation of a new mast arm traffic signal at the intersection of SH 6 and Township Lane"	2026	33	Public Involvement		2027	30
19069	0912-00-735	City of Missouri City	ITS Communications Network (Fiber Optic Expansion Design)TEXAS PKWY CARTWRIGHT ROAD TO TRAFFIC MANAGMENT CENTER (TMC) CARTWRIGHT RD RADIO TOWER TO TEXAS PKWY COLONIAL LAKES DR TO POLICE DEPARTMENT (PD) COLONIAL LAKES DR SH 6 TO CARTWRIGHT RD FORT BEND PKWY RADIO TOWER SH 6 TO WASTEWATER TREATMENT PLANT (WWTP)	INSTALLATION OF NEW ITS EQUIPMENT AT VARIOUS LOCATIONS WHERE NO ITS EXISTS.	2026	38	Design, Public Involvement		2028	30
18061	Null	City of Mont Belvieu	EAGLE DR From FM 565 To SH 146	ENGINEERING FOR RECONSTRUCTION OF 2-LANE OPEN DITCH TO 4-LANE BLVD WITH SIDEWALKS AND BIKEWAY	2030	32	AFA, Design		2028	42
19070	0920-39-037	City of Mont Belvieu	TRAFFIC MANAGEMENT CENTER From AT CITY OF MONT BELVIEU	Mont Belvieu Traffic Management Center Engineering	2026 and 2027	39	AFA, Design, Environmental		2025	17
19361	0920-39-037	City of Mont Belvieu	TRAFFIC MANAGEMENT CENTER From AT CITY OF MONT BELVIEU	Mont Belvieu Traffic Management Center Engineering	2026 and 2027	39	AFA, Design, Environmental		2025	17
19410	Null	City of Mont Belvieu	EAGLE DR From FM 565 To SH 146	ENGINEERING FOR RECONSTRUCTION OF 2-LANE OPEN DITCH TO 4-LANE BLVD WITH SIDEWALKS AND BIKEWAY	2030	32	AFA, Design		2028	42
7606	0911112-7	City of Pearland	Mykawa Rd (BW 8 to Brazoria County)	Widen from 2 to 4 lane	2029	60	ROW, Utilities		2029	52
7641	0912-00-56	City of Pearland	Clear Creek Trail (UH Clear Lake Pearland Campus to N of Hughes Rd.)	CONSTRUCT 10-FOOT MULTI USE TRAIL	2027	71	Design, ROW, Environmental, Permits, Utilities	High Risk	2024	54
17082	0912-31-31	City of Pearland	Mykawa Rd (Harris County to FM 518)	WIDEN FROM 2 TO 4 LANES DIVIDED	2029	71	ROW, Environmental, Utilities	High Risk	2022	61

18103	Null	City of Sugar Land	Williams Trace Blvd. from Lexington to SH6	Reconstruct 4 lane divided roadway including left turn lanes, construct a triple left From Sb Quarry Hill to Sb Sh6.	2030	39	AFA			2030	49	
17085	2941-02-056	City of Tomball	BS 249-B to Willow St	Road Rehabilitation	2029	39	Design, ROW, Railroad, Utilities			2033	36	
18085	0912-73-21	Galveston County	Pelican Island Bridge: SH275 to Sealwolf Pkwy	CONSTRUCT BRIDGE AT NEW LOCATION AND CONSTRUCT 2 LANE APPROACH ROAD FROM WEST OF BRADNER TO NEW PELICAN ISLAND BRIDGE	2030	64	AFA, ROW	Higher risk but timeline is longer		2030	54	
19019	0912-72-798	Harris County Engineering	IN-45 NBFR to Ranch View Trail	CONSTRUCTION OF RANKIN RD ACCESS MANAGEMENT, INTERSECTION MODIFICATIONS (LEADING PEDESTRIAN SIGNAL INTERVALS, CROSSWALKS, ADA RAMPS), SIDEWALK IMPROVEMENTS TO MITIGATE SERIOUS INJURIES AND FATALITIES ON VISION ZERO NETWORK.	2028	53	AFA, Design, Environmental, Public Involvement					Did not provide a baseline schedule
19022	0912-72-799	Harris County Engineering	IN 45 NBRD to Grovedale Rd	CONSTRUCT E. RICHEY ROAD ACCESS MANAGEMENT (MEDIANS, DRIVEWAY), SAFETY, AND SIDEWALK IMPROVEMENTS	2027	52	AFA, Design, ROW, Public Involvement					Did not provide a baseline schedule
19199	0912-72-818	Harris County Engineering	Champion Forest to W of I-45	PAVEMENT REPAIR (MILL, AND OVERLAY), PAVEMENT MARKINGS, AND NEW ROADWAY SIGNAGE.	2026	33	AFA, Design			2027	15	
19204	0912-72-819	Harris County Engineering	TC Jester Blvd to W of I-45	PAVEMENT REPAIR (MILL, AND OVERLAY), PAVEMENT MARKINGS, AND NEW ROADWAY SIGNAGE.	2026	21	AFA, Design			2027	15	
19206	0912-72-822	Harris County Engineering	VA to VA	REPLACE EXISTING SIGNALS WITH NEW UPGRADED SIGNALS AT 12 INTERSECTIONS ON THE VISION ZERO HIGH-INJURY NETWORK.	2026	48	AFA, Design, Utilities			2027	13	
18030	0912-72-583	HCTRA	GALVESTON RD - FROM: SIMS BAYOU NORTH BANK TO: SIMS BAYOU SOUTH BANK	CONSTRUCT PED/BIKE BRIDGE WITH RAILINGS AND SIGNAGE.	2027	71	STIP, AFA, Design, ROW, Environmental, Public Involvement, Permits					Did not provide a baseline schedule
18033	0912-37-24	Lake Houston Redevelopment Authority	NORTH PARK DRIVE FROM RUSSELL PALMER ROAD TO HARRIS C/L	WIDEN FROM 4 TO 6 LANE BOULEVARD SECTION INCLUDING DRAINAGE, RECONSTRUCTION OF THE BRIDGE AT KINGWOOD DIVERSION DITCH	2029	59	Design, ROW, Utilities			2028	30	
18732	0912-72-61	Lake Houston Redevelopment Authority	NORTH PARK DRIVE FROM MONTGOMERY C/L TO WOODLAND HILLS DRIVE	WIDEN FROM 4 TO 6 LANE BOULEVARD SECTION, RECONSTRUCTION OF THE BRIDGE/CULVERT AT BEN'S BRANCH, PEDESTRIAN UNDERPASS AT PLUM VALLEY DRIVE	2029	60	ROW, Permits, Utilities	High due to Utilities		2028	30	
17113	1024-01-077	TXDOT - Beaumont	FM 565 SH 146 to SH 99	Widen from 2 to 4 Lanes with Continuous Center Left Turn Lane and Railroad Overpass	2028	53	ROW, Public Involvement, Capital Improvement Program (CIP)			2028	38	
19016	0508-02-139	TXDOT - Beaumont	IH 10E SH 146 to FM 565	Relocate IH 10 E Entrance Exit Ramps on IH 10E	2028	39	Design, ROW, Environmental, Public Involvement, Capital Improvement Program (CIP)			2028	41	
19020	0389-02-059	TXDOT - Beaumont	SH 146 at IH E	Construction of SH 146 NB Dual Left Turn Lanes at IH-10E	2026	37	TxDOT, Design, ROW, Capital Improvement Program (CIP)			2028	34	
19189	0388-03-084	TXDOT - Beaumont	SH 146 N of FM 1011 to S of FM 1011	Install Continuous turn lane, Milled Edgeline Rumble Strips	2026	32	ROW, Capital Improvement Program (CIP)			2028	36	
19211	0920-00-159	TXDOT - Beaumont	VA	FY 26-District wide- Address bridge follow up actions	2026	42	TxDOT, Design, ROW, Environmental, Capital Improvement Program (CIP)			2028	40	
19212	0508-02-140	TXDOT - Beaumont	IH 10E SH 99 to FM 565	Full Depth Base Repair & Overlay	2026	27	AFA, Capital Improvement Program (CIP)			2027	28	
19213	1421-01-028	TXDOT - Beaumont	FM 1413 US 90 S to SH 146	Full Depth Base Repair & Overlay	2026	27	TxDOT, Capital Improvement Program (CIP)			2028	34	
19217	0028-04-084	TXDOT - Beaumont	US 90 FM 2830 E to FM 770 N	Full Depth Base Repair and Overlay	2026	30	TxDOT, Design, Capital Improvement Program (CIP)			2028	32	

19220	1023-01-040	TXDOT - Beaumont	FM 563 Liberty C/L to IH-10	Mill, Base Repair & Overlay	2026	31	TxDOT, Deign, Capital Improvement Program (CIP)		2027	28	
19221	1421-01-027	TXDOT - Beaumont	FM 1413 US 90 S to Hatcherville Road	Safety Treat Fixed Objects and Install Milled Edge Line Rumble Strips	2026	27	TxDOT, Capital Improvement Program (CIP)		2027	30	
19224	0920-02-101	TXDOT - Beaumont	VA	Countywide Striping	2026	31	TxDOT, Design, Capital Improvement Program (CIP)		2028	34	
19225	0920-39-038	TXDOT - Beaumont	VA	Countywide Striping	2026	31	TxDOT, Design, Capital Improvement Program (CIP)		2027	30	
19226	0920-39-039	TXDOT - Beaumont	VA	Countywide Striping	2026	33	TxDOT, Design, Capital Improvement Program (CIP), Funding		2027	30	
19227	0920-02-102	TXDOT - Beaumont	FM 1413 SH 146 E to FM 1409	Construct new Location 2 Lane undivided roadway with 10 ft Shoulders on each side of the roadway (Major Collector FC)	2026	14	TxDOT, Environmental		2028	34	
19228	Null	TXDOT - Beaumont	US 90 West of Dayton to East of Dayton	Construct New Location Two Lane Relief Route	2026	14	TxDOT, Environmental		2029	51	
19229	0388-03-089	TXDOT - Beaumont	SH 146 SL 227 S to US 90	Widen Highway from 2 to 4 Lanes and add 10-ft shoulders	2026	35	TxDOT, ROW, Capital Improvement Program (CIP)		2028	33	
19231	0920-00-181	TXDOT - Beaumont	FM 1409 US 90 S to FM 565	Widen form 2 to 4 Lanes	2026	38	TxDOT, ROW, Capital Improvement Program (CIP)		2027	34	
19233	1024-01-087	TXDOT - Beaumont	FM 565 at SH 99	Install Intersection Flashing beacon, Advanced Warning Signals and Signs (Intersections) and Replace Pavement	2026	37	TxDOT, Design, ROW, Capital Improvement Program (CIP)		2028	30	
19198	3510-04-066	Fort Bend County	SH 99 SBFR between Bay Hill Blvd and Cinco Ranch Blvd	Construct new location 2 lane frontage road	2026	44	AFA, ROW, Permits, Utilities, Capital Improvement Program (CIP)				
19200	3510-04-069	Fort Bend County	SH 99 NBFR between S Fry Rd and Westheimer Pkwy	Construct new location 2 lane frontage road	2026	62	AFA, ROW, Permits, Utilities, Capital Improvement Program (CIP)				
19495	3510-04-070	Fort Bend County	SH 99 NBFR between Westheimer Pkwy and Cinco Ranch Blvd	Construct new location 2 lane frontage road	2026	52	AFA, Design, ROW, Environmental, Permits				
19201	3510-04-071	Fort Bend County	SH 99 SBFR between Westheimer Pkwy and S Fry Rd	Construct new location 2 lane frontage road	2026	56	AFA, ROW, Environmental, Permits, Utilities, Capital Improvements Program (CIP)				
19494	3510-04-072	Fort Bend County	SH 99 NBFR between Cinco Ranch Blvd and Bay Hill Blvd	Construct new location 2 lane frontage road	2026	51	AFA, Design, ROW, Environmental, Permit, Capital Improvement Program (CIP)				