VICINITY MAP

SECTION 1

RURAL MINOR ARTERIAL

BEGIN PROJECT
STA 420+00

SCHEMATIC LAYOUT
MONTGOMERY COUNTY
SH 242
FROM: STA 420+00
TO: STA 543+00
HOUSTON DISTRICT

DATE APPROVED

NOT A BIDDING DOCUMENT

P.E.

TEXAS REGISTRATION NUMBER

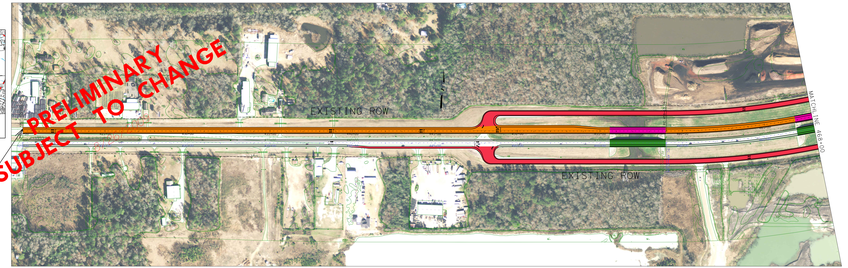
DATE

LEGEND

	CONTRACT	LINE WT	COLOR CODE
MAIN LANES		1	BLUE
PROPOSED RAMP AND RAMPS		1	BLUE
TURNAROUNDS		1	BLUE
EXISTING PORTS TO BE REMOVED		1	BLUE
EXISTING RIPRAP TO REMAIN		1	GREEN
ENHANCEMENT		1	RED
EXISTING ROAD ACCESS		1	BLUE
FRAP SLOPE		1	BLACK
EXISTING SLOPE		1	BLACK
FLARE SLOPE		1	BLACK
FLAMEPOSTS		1	GREEN
TRAFFIC SIGNAL TRACE (SOS)		1	BLACK
PROPOSED LANE DIRECTIONAL INDICATOR		1	BLACK
PROPOSED LANE DIRECTIONAL INDICATOR		1	BLACK
DIGGIT CONNECTOR		1	ORANGE
EXISTING CURB		1	BLACK
FUTURE		1	BLUE
RETAINING WALL		1	RED
EXISTING		1	BLACK
HIGH OCCUPANCY VEHICLE (HOV)		1	TURQUOISE
FUTURE HIGH OCCUPANCY VEHICLE (HOV)		1	BROWN
SPECIAL SH LANES (SPL)		1	LT PURPLE
TEMPORARY CONSTRUCTION		1	PURPLE
ROWY DRAIN CONSTRUCTION		2	LT GREEN
RECOMMENDED NOISE SAFEWARY WALL		0.5	PINK

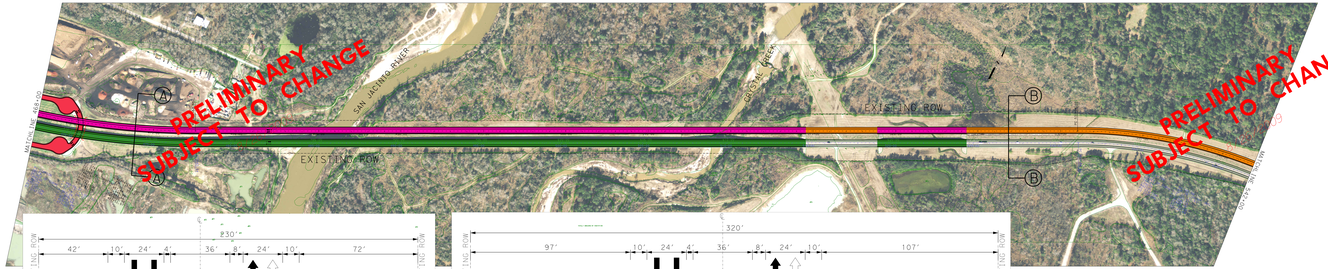
SCALE: 1" 2" 3" 4"

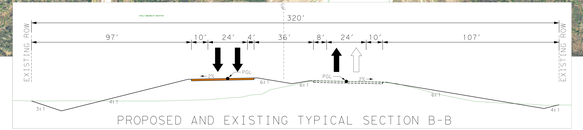
TOTAL LENGTH = 15 MILES
DESIGN SPEED = 70 MPH
MINOR ARTERIAL



IH 45

PROPOSED ROADWAY
PROPOSED BRIDGE
EXISTING BRIDGE





PROPOSED ROADWAY
PROPOSED BRIDGE
EXISTING BRIDGE

SCHEMATIC LAYOUT
MONTGOMERY COUNTY
SH 242
FROM: STA 420+00
TO: STA 543+00
HOUSTON DISTRICT

DATE APPROVED

LEGEND

	CONTRACT	LINE WT	COLOR CODE
MAIN LANES		1	BLUE
PROPOSED RAMP AND RAMPS		1	BLUE
TURNAROUNDS		1	BLUE
EXISTING PORTS TO BE REMOVED		1	BLUE
EXISTING RIPRAP TO REMAIN		1	GREEN
ENHANCEMENT		1	RED
EXISTING ROAD ACCESS		1	BLUE
FRAP SLOPE		1	BLACK
EXISTING SLOPE		1	BLACK
FLARE SLOPE		1	BLACK
FLAMEPOSTS		1	GREEN
TRAFFIC SIGNAL TRACE (SOS)		1	BLACK
PROPOSED LANE DIRECTIONAL INDICATOR		1	BLACK
PROPOSED LANE DIRECTIONAL INDICATOR		1	BLACK
DIGGIT CONNECTOR		1	ORANGE
EXISTING CURB		1	BLACK
FUTURE		1	BLUE
RETAINING WALL		1	RED
EXISTING		1	BLACK
HIGH OCCUPANCY VEHICLE (HOV)		1	TURQUOISE
FUTURE HIGH OCCUPANCY VEHICLE (HOV)		1	BROWN
SPECIAL SH LANES (SPL)		1	LT PURPLE
TEMPORARY CONSTRUCTION		1	PURPLE
ROWY DRAIN CONSTRUCTION		2	LT GREEN
RECOMMENDED NOISE SAFEWARY WALL		0.5	PINK

SCALE: 1" 2" 3" 4"

DESIGN SPEED = 70 MPH
MINOR ARTERIAL

VICINITY MAP

SECTION 2

RURAL MINOR ARTERIAL

SCHEMATIC LAYOUT
MONTGOMERY COUNTY
SH 242
FROM: STONE CREST (STA 543+00)
TO: FM1314 (STA 645+00)
HOUSTON DISTRICT
DATE:
APPROVED:

NOT A BIDDING DOCUMENT
P.E.
TEXAS REGISTRATION NUMBER
DATE

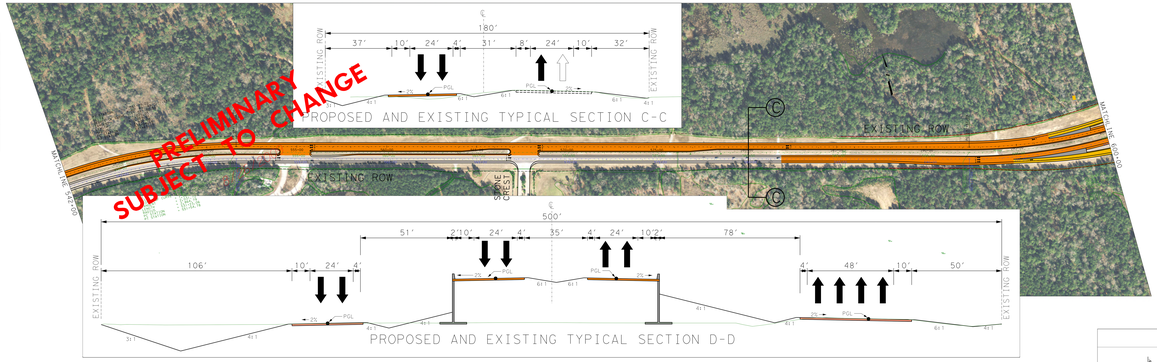
LEGEND

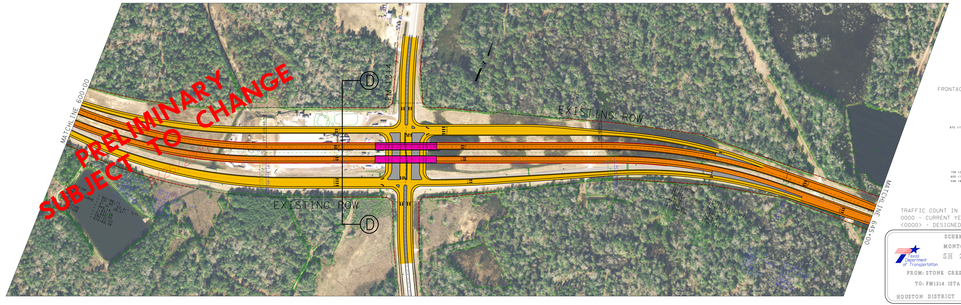
SYMBOLOGY	LINE WT	COLOR CODE
MAIN LANES	0	BLACK 0
FRONTAGE ROADS AND RAMPS	0	BLUE 5
TUNNELS/BRIDGE	0	BLUE 5
EXISTING ROWT TO BE ERRATED	0	BLACK 0
EXISTING ROWT TO REMAIN	0	GREEN 3
ARRANGEMENT	0	RED 1
CONTROL OF ACCESS	0	RED 1
PROP ROW	0	BLACK 0
EXISTING ROW	0	BLACK 0
ACCESS ROAD	0	BLUE 5
CROSSROADS	0	BLACK 0
TRAFFIC COUNT YEAR 2022	0	BLACK 0
EXISTING LANE DIRECTIONAL INDICATOR	0	BLACK 0
PROPOSED LANE DIRECTIONAL INDICATOR	0	BLACK 0
DIRECT CONNECTION	0	ORANGE 6
CONTRACTS	0	RED 1
PIPE RAILS	0	BLUE 5
RETAINING WALL	0	RED 1
STRIPING	0	ORANGE 6
HIGH OCCUPANCY VEHICLE (HOV)	0	TURQUOISE 40
PITTSG HIGH OCCUPANCY VEHICLE (HOV)	0	BROWN 7
SPECIAL USE LANES (HOL)	0	LT PURPLE 43
TEMPORARY CONNECTIONS	18	PURPLE 27
RAMP/ GRADE CONNECTIONS	0	LT GRAY 197
RAIL/BARRIER HIGH ABUTMENT WALL	18	PURPLE 200

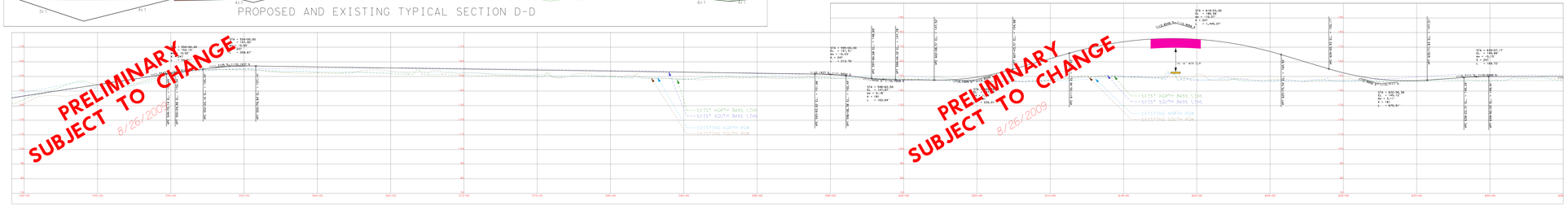
SCALE: 1" 100' 200' 300'

TOTAL PROJECT LENGTH = 15 MILES
DESIGN SPEED = 70 MPH
MINOR ARTERIAL
FRONTAGE ROAD DESIGN SPEED = 45 MPH

PROPOSED ROADWAY
PROPOSED BRIDGE
EXISTING BRIDGE







TRAFFIC COUNT IN DAILY HOURLY VOLUME (DHV)
0000 - CURRENT YEAR
<0000> - DESIGNED YEAR

SCHEMATIC LAYOUT
MONTGOMERY COUNTY
SH 242
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TO: FM1314 (STA 645+00)
HOUSTON DISTRICT
DATE:
APPROVED:

PROPOSED ROADWAY
PROPOSED BRIDGE
EXISTING BRIDGE

LEGEND

SYMBOLOGY	LINE WT	COLOR CODE
MAIN LANES	0	BLACK 0
FRONTAGE ROADS AND RAMPS	0	BLUE 5
TUNNELS/BRIDGE	0	BLUE 5
EXISTING ROWT TO BE ERRATED	0	BLACK 0
EXISTING ROWT TO REMAIN	0	GREEN 3
ARRANGEMENT	0	RED 1
CONTROL OF ACCESS	0	RED 1
PROP ROW	0	BLACK 0
EXISTING ROW	0	BLACK 0
ACCESS ROAD	0	BLUE 5
CROSSROADS	0	BLACK 0
TRAFFIC COUNT YEAR 2022	0	BLACK 0
EXISTING LANE DIRECTIONAL INDICATOR	0	BLACK 0
PROPOSED LANE DIRECTIONAL INDICATOR	0	BLACK 0
DIRECT CONNECTION	0	ORANGE 6
CONTRACTS	0	RED 1
PIPE RAILS	0	BLUE 5
RETAINING WALL	0	RED 1
STRIPING	0	ORANGE 6
HIGH OCCUPANCY VEHICLE (HOV)	0	TURQUOISE 40
PITTSG HIGH OCCUPANCY VEHICLE (HOV)	0	BROWN 7
SPECIAL USE LANES (HOL)	0	LT PURPLE 43
TEMPORARY CONNECTIONS	18	PURPLE 27
RAMP/ GRADE CONNECTIONS	0	LT GRAY 197
RAIL/BARRIER HIGH ABUTMENT WALL	18	PURPLE 200

SCALE: 1" 100' 200' 300'

DESIGN SPEED = 70 MPH
MINOR ARTERIAL
FRONTAGE ROAD DESIGN SPEED = 45 MPH