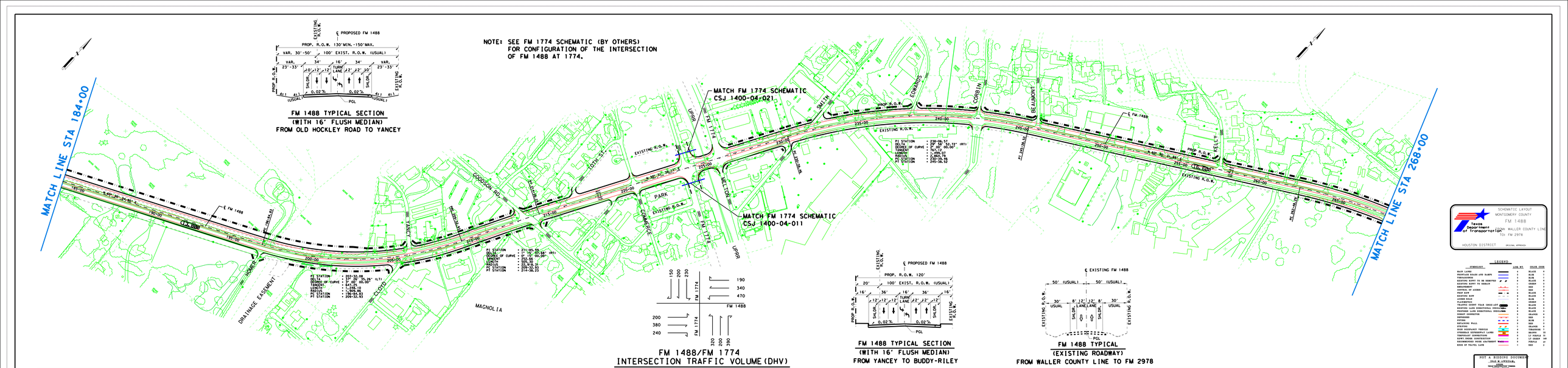

PI STATION	= 203+32.08
DELTA	= 34° 30' 35.26" (LT)
DEGREE OF CURVE	= 4° 45' 00.00"
TANGENT	= 647.29
LENGTH	= 1,268.10
RADIUS	= 1,206.86
PC STATION	= 196+84.80
PT STATION	= 209+52.93

PI STATION	= 271+85.37
DELTA	= 1° 11' 23.98" (RT)
DEGREE OF CURVE	= 2° 30' 00.00"
TANGENT	= 203.66
LENGTH	= 405.92
RADIUS	= 2,291.83
PC STATION	= 269+82.01
PT STATION	= 274+36.23

PI STATION	= 338+06.57
DELTA	= 58° 38' 22.23" (RT)
DEGREE OF CURVE	= 2° 30' 00.00"
TANGENT	= 1,242.76
LENGTH	= 2,344.78
RADIUS	= 2,291.83
PC STATION	= 326+63.80
PT STATION	= 349+08.58

PI STATION	= 345+29.84
DELTA	= 1° 11' 23.98" (RT)
DEGREE OF CURVE	= 2° 30' 00.00"
TANGENT	= 203.66
LENGTH	= 405.92
RADIUS	= 2,291.83
PC STATION	= 343+25.64
PT STATION	= 347+31.56

PI STATION	= 352+04.75
DELTA	= 1° 11' 23.98" (RT)
DEGREE OF CURVE	= 2° 30' 00.00"
TANGENT	= 203.66
LENGTH	= 405.92
RADIUS	= 2,291.83
PC STATION	= 350+00.89
PT STATION	= 354+06.81

SCHEMATIC LAYOUT
MONTGOMERY COUNTY
FM 1488
FROM WALLER COUNTY LINE TO FM 2978
HOUSTON DISTRICT
(REVISED, APPROVED)

LEGEND

STANDARD	LINE WT.	COLOR CODE
MAIN LANES	3	BLACK 1
PROPOSED ROADS AND RAMPS	3	BLUE 5
EXISTING ROADS	3	BLACK 1
EXISTING ROAD TO BE DEMOLISHED	3	BLACK 1
EXISTING ROAD TO REMAIN	3	GREEN 3
EASEMENT	3	RED 6
CENTERS OF CURVE	3	RED 6
RIGHT OF WAY	3	BLACK 1
EXISTING ROW	3	BLACK 1
ACCESS ROAD	3	BLUE 5
RAILROADS	3	BLACK 1
TRAFFIC COUNT TRUK (2020 ADT)	3	BLACK 1
EXISTING LANE DIRECTIONAL INDICATORS	3	BLACK 1
PROPOSED LANE DIRECTIONAL INDICATORS	3	BLACK 1
BRIDGE CONNECTION	3	ORANGE 2
DEPRESSED	3	RED 6
RETAINING	3	RED 6
RETAINING WALL	3	RED 6
DITCHES	3	ORANGE 2
HIGH EXPLOSIVE TRUCKS	3	TURQUOISE 4
HYDROGEN SUPERPOSITE LAYER	3	BLACK 1
SURFACE TREATMENT LAYER	3	BLACK 1
SURFACE DRAINAGE CONSTRUCTION	3	LT. GRAY 14
RECOMMENDED MEDIAN ARRANGEMENT	3	PURPLE 21
EDGE OF TRAVEL LANE	3	RED 6

NOT A BIDDING DOCUMENT
IRAN M. KAMKAR, P.E.
LICENSED
CONSULTING ENGINEER
86888
TEXAS
SCALES: 0 50 100 150 200 250

REVISIONS

REVISION NO.	DATE	DESCRIPTION	APPROVAL DATE
1	MAY-2022	Changed vertical to horizontal, POR west of FM 1774/Roy Hartman Road, Sht. No. 5	
2	AUG-2022	Changed Point of begin project to Joseph Road	
		instead of Waller County Line (Sheet No. 1)	

FUNCTIONAL CLASSIFICATION:
SUBURBAN/URBAN MAJOR COLLECTOR

DESIGN SPEED
40 MPH URBAN SECTION
YANCY (STA 205+00) TO ROY (STA 290+00)
NICKABURN CREEK (STA 813+00) TO
FM 2978 (STA 834+22.51)
60 MPH SUBURBAN SECTION
WALLER C/L (STA 36+58.30) TO YANCY (STA 205+00)
ROY (STA 290+00) TO NICKABURN CREEK (STA 813+00)
25 MPH LOCAL ACCESS ROADS
AT FM 1488 AND FM 149-RAILROAD INTERCHANGE

HNTB ARCHITECTS ENGINEERS PLANNERS
WILBUR SMITH ASSOCIATES | EPSILON ENGINEERING, INC.

WALLER COUNTY LINE TO FM 2978
PRELIMINARY DESIGN
SCHEMATIC OF FM 1488
SHEET 3 OF 9

CSJ No. 1 0523-08-007 CSJ No. 3 0523-10-016
CSJ No. 2 0523-09-009