Texas Department of Transportation

HOUSTON DISTRICT

FM 1485
SCHEMATIC DESIGN

WIDENING
MONTGOMERY COUNTY
LIMITS: FROM SH 242 TO KIDD CEMETERY RD IN NEW CANEY
PROJECT LENGTH: 5.15 MILES

DATE: JULY 2020

INTERIM REVIEW DOCUMENT
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

124245 — JULY 2020
MOHAMMED ZAHEER, P.E. — P.E. # — DATE

DESIGN SPEED	FUNCTIONAL CLASS	ADT FM 1485
50 MPH	URBAN COLLECTOR	2019 = 15,000
		2038 = 20,500
		2040 = 25,950

SCALE: 0" = 100'

PRELIMINARY
SUBJECT TO CHANGE

LOCATION MAP

LEGEND

- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- PROPOSED EDGE OF PAVEMENT
- PROPOSED SH 242 EDGE OF PAVEMENT
- PROPERTY LINE
- HISTORIC BOUNDARY LINE
- EXISTING ROW
- PROPOSED ROW
- EXISTING PIPELINE LOCATION
- STREAMS AND TRIBUTARIES
- PROPOSED FM 1485 PAVEMENT
- PROPOSED BRIDGE
- EXISTING BRIDGE
- SIDEPATH
- PROPOSED MEDIAN
- 100 YEAR FLOODPLAIN
- PROPOSED PAVEMENT - TXDOT SH 242 SCHEMATIC
- EXISTING SIGNALIZED INTERSECTION

ROLL 1 OF 4

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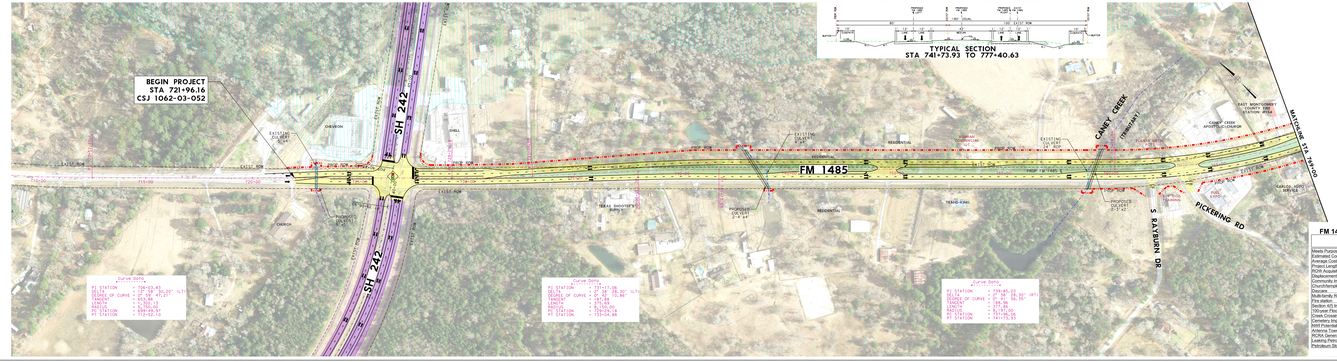
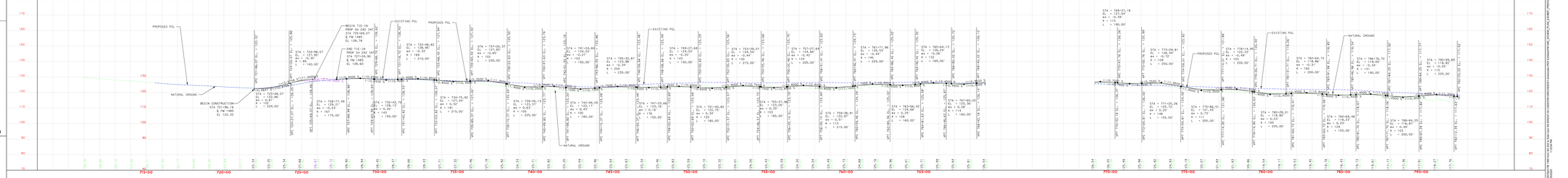
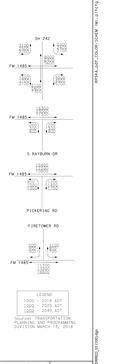


FM 1485 Preferred Alternative Matrix

Criteria	Units	Total Estimated Amount
Meets Purpose and Need	Yes/No	Yes
Estimate Construction Cost	Dollars	$67M
Average Cost/Mile	Dollars	$13M
Total ROW Cost	Dollars	$7.5M
ROW Acquisition	Acres	43.8
Displacements	Number	30
Displacements Residents - Subdivision Divide	Number	0
Churches/Temple	Number	2
Daycare	Number	0
Fire Station - Residential Building	Number	0
Fire station	Number	0
Section 4(f) Impacts	Yes/No	No
Section 106 Impacts	Yes/No	No
Creek Crossings	Number of Crossings	3
Cemetery Impacted	Yes/No	No
Wetlands/Riparian Wetlands	Acres/Miles	2
Wetland Credit	Acres/Miles	0
ROWA Generators	Facilities	5
Leaking Petroleum Storage Tanks	Facilities	0
Petroleum Storage Tanks (PSTs)	Facilities	3





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Layout: Roll 1 of 4

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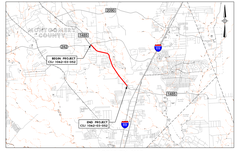
DESIGN SPEED: 50 MPH

FUNCTIONAL CLASS: URBAN COLLECTOR

ADT FM 1485
2018 = 16,000
2020 = 18,300
2040 = 25,900

0 100 200 300 400
SCALE IN 1"= 100'

PRELIMINARY SUBJECT TO CHANGE



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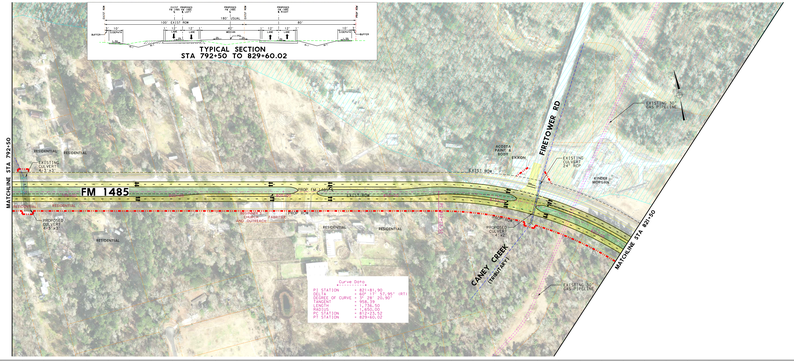

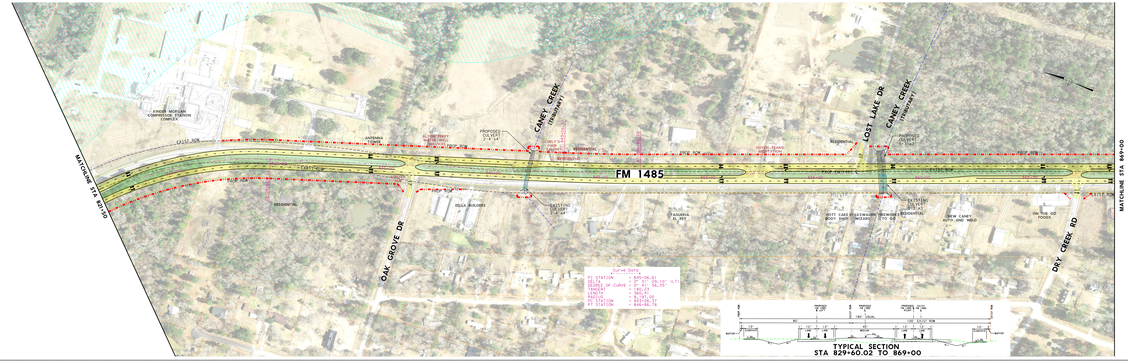

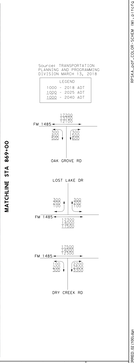

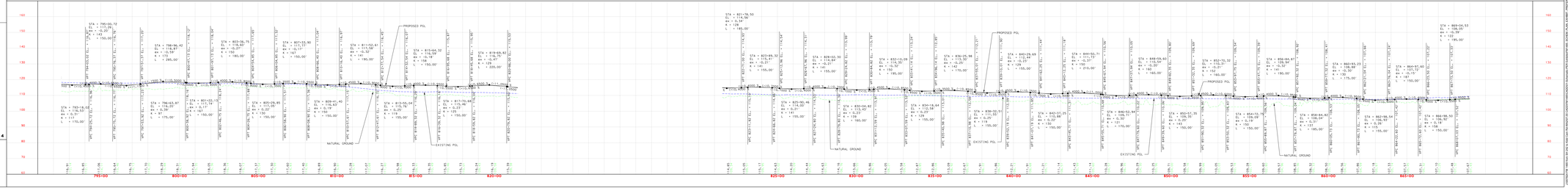

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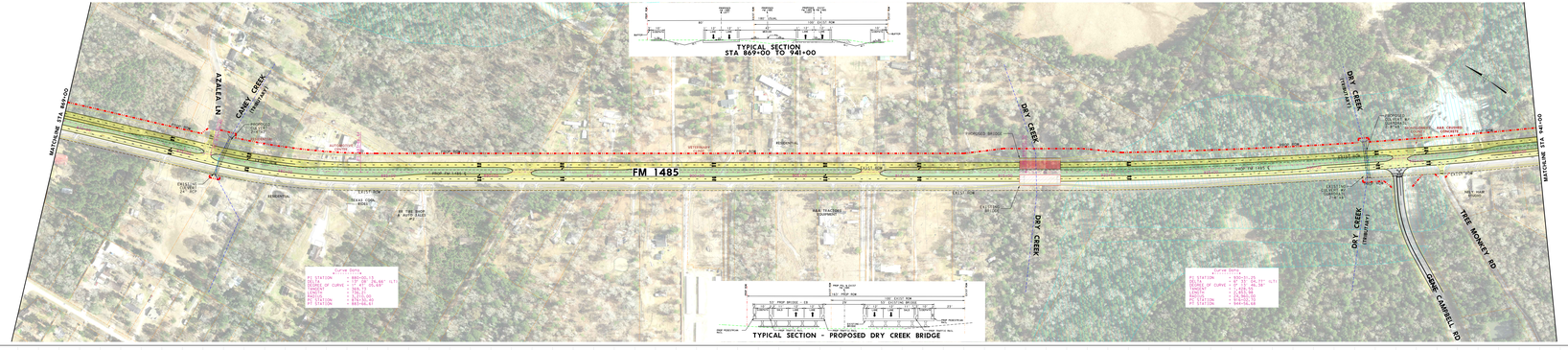

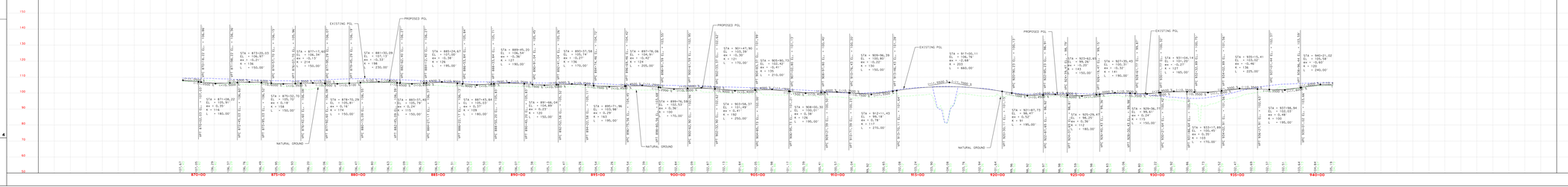

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ROLL 4 OF 4

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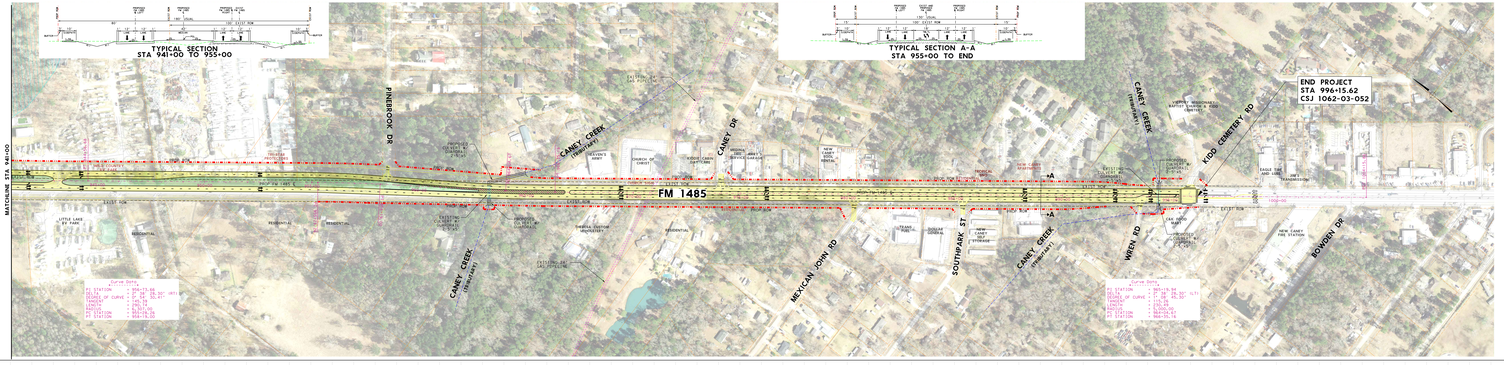

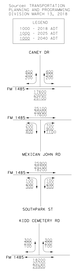

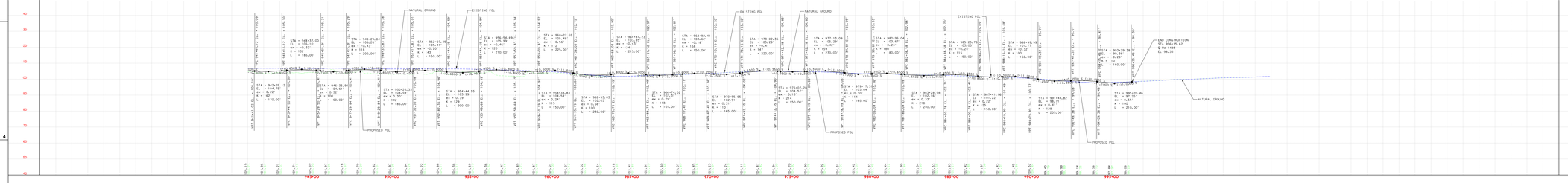

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