Texas Department of Transportation

DALLAS DISTRICT

MOHAMED X. BUR, P.E., DISTRICT ENGINEER

FM 1173
DESIGN SCHEMATIC

DENTON COUNTY, TEXAS

FROM FM 156 (S. 1ST STREET) TO IH 35 SB FRONTAGE ROAD

LENGTH: 1.447 MILES

TERRAIN: LEVEL

DATED: OCTOBER 2020

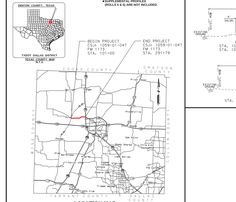
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 1173 (FM 156 TO S. 4TH ST.)	30 MPH	URBAN ARTERIAL
FM 1173 (S. 1ST ST. TO IH 35)	40 MPH	URBAN ARTERIAL
CROSS STREETS	30 MPH	LOCAL

INDEX OF SHEETS

ROLL 1 OF 6 - PLAN & PROFILE VIEW STA. 100+00 TO STA. 150+00
ROLL 2 OF 6 - PLAN & PROFILE VIEW STA. 150+00 TO STA. 200+00
ROLL 3 OF 6 - PLAN & PROFILE VIEW STA. 200+00 TO STA. 250+00
ROLL 4 OF 6 - PLAN & PROFILE VIEW STA. 250+00 TO STA. 291+79
ROLL 5 OF 6 - SUPPLEMENTAL PROFILES
ROLL 6 OF 6 - SUPPLEMENTAL PROFILES

ROLL 1 OF 6

(SUPPLEMENTAL PROFILES ROLLS 5 & 6 ARE NOT ROLLED)



LOCATION MAP
N.T.S.

LEGEND

- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE (BY OTHERS)
- CENTERLINE
- PARCEL LINE
- CORPORATE BOUNDARY LINE
- EXISTING SPILL
- EXISTING DRAINAGE
- PROPOSED DITCH BOTTOM
- PROPOSED DRAINAGE STRUCTURE
- EXISTING 100-YEAR FLOODPLAIN
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- ATMOS ENERGY VALVE
- DEDICATION FOR TRANSPORTATION USE
- DISPLACEMENT

SCALE: 1"=100' H, 1"=10' V

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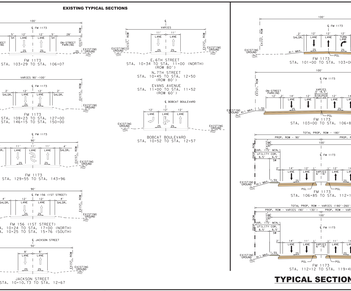
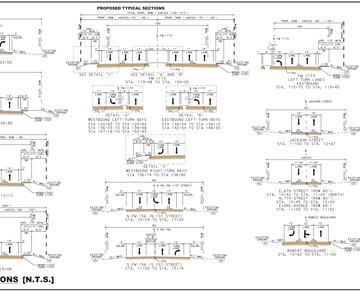
RANDY L. ORCS, PE — DATE: 10/30/2020
NAME — DATE

DOUG E. McCURDY
3904 ELIZABETH COURT
DENTON, TEXAS 76210
FIRM REGISTRATION NO. 3751

EXISTING TYPICAL SECTIONS



PROPOSED TYPICAL SECTIONS



TYPICAL SECTIONS [N.T.S.]

TRAFFIC LINE DIAGRAM [N.T.S.]

OWNER INFORMATION TABLE

PARCEL NO.	TYPE	OWNER'S NAME	OWNER'S ADDRESS	CITY	STATE	ZIP	ZIP4	COUNTY	HOME	LEGAL DESCRIPTION
1	1008	DENTON COUNTY ELECTRIC COOP	1 SOUTH ELM ST	DENTON	TX	76201	3702	DENTON COUNTY		0.0000 ACRES OF LAND
2	1008	MOUNT OLIVET MISSIONARY BAPTIST CHURCH	1000 S ELM ST	DENTON	TX	76201	5822	DENTON COUNTY		0.0000 ACRES OF LAND
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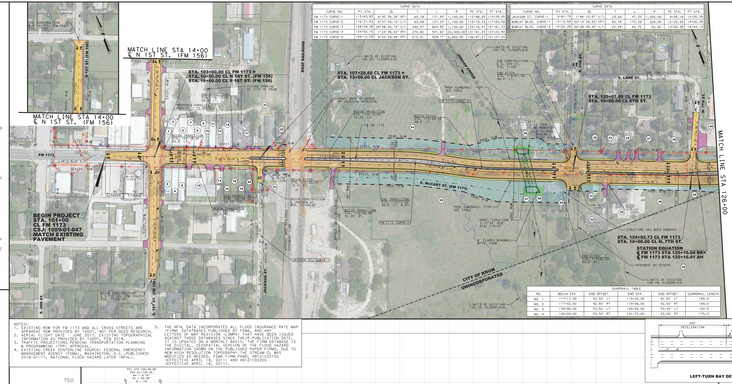

CURVE DATA						
CURVE NO.	PT. STA.	D	R	DELTA	ARC	PT. STA.
PI# 1 (JACKSON ST. CURVE)	11+52.50	57.30°	100.00'	57.30°	100.00'	12+52.50
PI# 2 (ROBLEY BLVD. CURVE)	11+17.50	90° 00' 00"	50.00'	90° 00' 00"	78.54'	11+96.04
PI# 3 (ELVIS AVE. CURVE)	11+52.50	57.30°	100.00'	57.30°	100.00'	12+52.50
PI# 4 (MAYS ST. CURVE)	11+52.50	57.30°	100.00'	57.30°	100.00'	12+52.50
PI# 5 (MAYS ST. CURVE)	11+52.50	57.30°	100.00'	57.30°	100.00'	12+52.50
PI# 6 (MAYS ST. CURVE)	11+52.50	57.30°	100.00'	57.30°	100.00'	12+52.50

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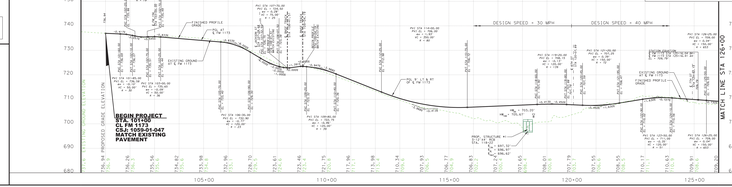
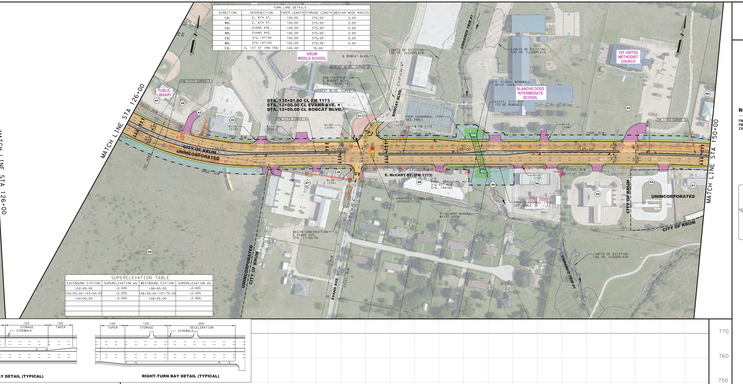
TURN LANE DETAILS			
DIRECTION	TYPICAL TURN LANE	STORAGE LENGTH	TAPER LENGTH
WBL	1- STA 11+	100.00'	50.00'
EBL	1- STA 11+	100.00'	50.00'
WBL	EXIST. 4SU	100.00'	50.00'
EBL	EXIST. 4SU	100.00'	50.00'
WBL	1- 1ST ST. (FM 156)	100.00'	50.00'
EBL	1- 1ST ST. (FM 156)	100.00'	50.00'

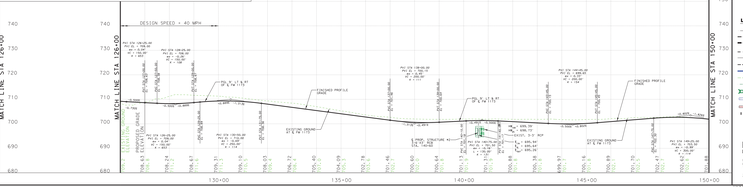
SUPERELEVATION TABLE			
EXTREME STATION	APPROXIMATE LOCATION	SUPERELEVATION
100+00.00	-L- BEG	100+00.00	-2.00%
100+00.00	-L- BEG	108+25.00	-2.00%
134+00.00	-L- END	108+25.00	-3.00%
134+00.00	-L- END	150+00.00	-3.00%

SUMMARY TABLE					
NO.	BEGIN STA	END (BYBS)	END (BYES)	SUMMARY LENGTH	
NO. 1	11+17.50	10+52.50	11+96.04	78.54'	178.54'
NO. 2	11+52.50	11+00.00	12+52.50	100.00'	200.00'
NO. 3	11+52.50	11+00.00	12+52.50	100.00'	200.00'
NO. 4	11+52.50	10+52.50	12+76.04	124.00'	224.00'

NOTES:
1. EXISTING ROW FOR FM 1173 AND ALL CROSS STREETS ARE 80'.
2. ALL PROPOSED ROW ACQUISITIONS ARE TO BE ACQUIRED IN FEE.
3. ACTUAL LIMITS OF PROPOSED CONSTRUCTION MAY VARY WITH FIELD CONDITIONS.
4. TRAFFIC PROJECTIONS PENDING TRANSPORTATION PLANNING.
5. ALL DIMENSIONS ARE TO BACK OF CURB.
6. EXISTING PAVEMENT MARKINGS AND SIGNAGE PENDING INSPECTION.
7. THE NFHL DATA INCORPORATES ALL FLOOD INSURANCE RATE MAP REVISIONS ISSUED THROUGH THE LOMR EFFECTIVE DATE. THE LOMR EFFECTIVE DATE FOR THIS PANEL WAS APRIL 18TH, 2011. THE NFHL DATA IS UPDATED ON A MONTHLY BASIS, THE FIRM DATABASE IS UPDATED ON A QUARTERLY BASIS. THE FIRM DATABASE IS THE OFFICIAL FLOOD HAZARD DETERMINATION DATA AND IS TO BE USED FOR REGULATORY PURPOSES. THE FIRM DATABASE MODIFIED AS NEEDED. FIRM FIRM PANEL #48121C0510 SUFFIX(ES) #(NP, G, J, L, M, N, P, R, S, T, V, W) EFFECTIVE #APRIL 18, 2011; AND #01/03/2020.







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DENTON COUNTY, TEXAS

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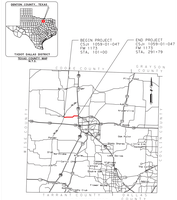

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