60% SCHEMATIC

Texas Department of Transportation

DALLAS DISTRICT
CEASON CLEMENS P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC FOR FM 740

KAUFMAN COUNTY, TEXAS

FM740/FM460

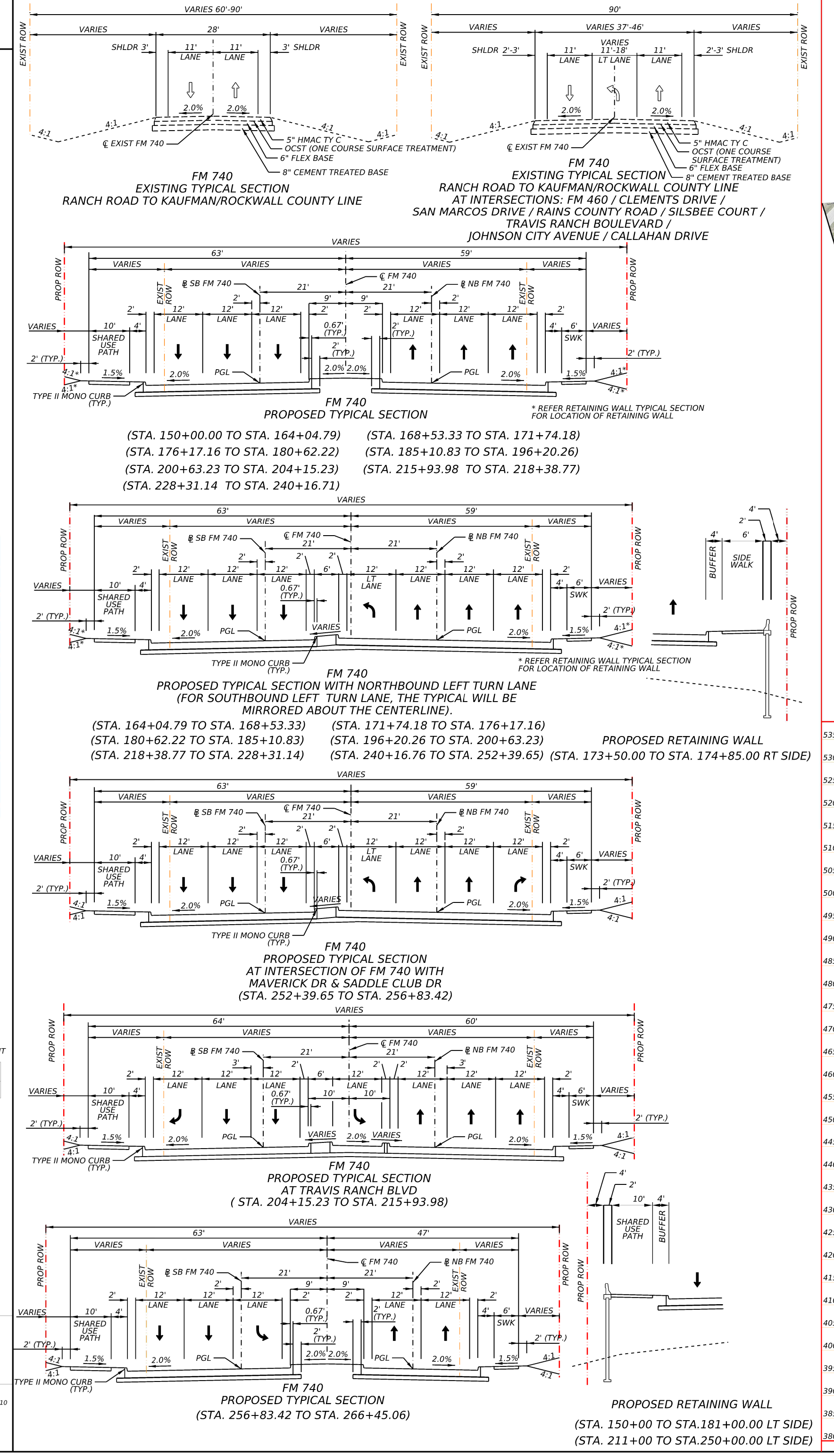
PROJECT LIMIT ; FM 740 FROM STA. 60+76.76 TO STA. 269+04.78
FM 460 FROM STA. 14+95.23 TO STA. 67+30.44

CSJ ; 1092-01-023 & 2249-01-009

PROJECT LENGTH : FM 740 - 3.94 MILES & FM 460 - 0.99 MILES

WIDEN 2 LANE ROADWAY TO 6 LANE DIVIDED

DATE : MAY 2024



NOTES:

1. THE CONCEPTUAL SCHEMATICS ARE BASED ON FIELD SURVEY AND AERIAL SURVEY DATED DECEMBER 16,2022.
2. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATICS ARE OBTAINED FROM KAUFMAN COUNTY APPRAISAL DISTRICT (DECEMBER 2022).
3. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECT THE EXISTING BUILDING STRUCTURE.
4. PROPOSED CURBS ARE TYPE II UNLESS STATED OTHERWISE.
5. ALL EXISTING DRIVEWAY ACCESS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE
6. MEDIAN OPENINGS ARE PROVIDED IN ACCORDANCE WITH TXDOT SUGGESTION.
7. THE AERIAL IMAGES IS SLIGHTLY SHIFTED WITH RESPECT TO THE TOPOGRAPHIC SURVEY. ALL PROPOSED SIDEWALK FOR CROSSROADS ARE TIED TO EXISTING SIDEWALK AS PER THE SURVEY.

SUMMARY OF LAND ACQUISITION

AREA LIMITS	TOTAL AREA IN ACRES
FM 740 FROM STA 150+00 TO END PROJECT	18.033

CURVE DATA

CURVE NUMBER	P.I.STATION	P.I.STATION - N	P.I.STATION - E	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C.STATION	P.T.STATION	BACK TANGENT	AHEAD TANGENT
C9	A 168+70.095	6976393.272	2590590.744	9.051° LEFT	3100	245.375	489.729	N2.692°E	489.729	A 166+24.72	A 171+14.45	N7.218°E	N1.833°W
C10	A 181+14.094	6977637.655	2590550.915	31.764° RIGHT	1300	369.871	720.699	N14.049°E	711.505	A 177+44.22	A 184+64.92	N1.833°W	N29.931°E
C11	A 213+65.572	6980471.989	2592182.745	11.291° LEFT	3400	336.088	670.000	N24.285°E	668.917	A 210+29.48	A 216+99.48	N29.931°E	N18.640°E
C12	A 225+76.628	6981621.582	2592570.519	5.000° RIGHT	4000	174.633	349.044	N21.140°E	348.933	A 224+02.00	A 227+51.04	N18.640°E	N23.640°E
C13	A 236+12.943	6982571.138	2592986.152	18.656° LEFT	1550	254.605	504.704	N14.311°E	502.477	A 233+58.34	A 238+63.04	N23.640°E	N4.983°E
C14	A 246+45.559	6983604.341	2593076.242	40.164° RIGHT	1600	584.952	1121.599	N25.065°E	1098.775	A 240+60.61	A 251+82.21	N4.983°E	N45.148°E
C15	A 269+30.639	6985250.038	2594730.438	84.476° LEFT	1622	1472.711	2391.462	N2.909°E	2180.663	A 254+57.93	A 278+49.39	N45.148°E	N39.329°W

NOT A BIDDING DOCUMENT

AtkinsRéalis