Texas Department of Transportation

DALLAS DISTRICT
CEASON CLEMENS P.E., DISTRICT ENGINEER

FM 740 AND FM 548 DESIGN SCHEMATIC

KAUFMAN COUNTY, TEXAS

FM 740 / FM 548

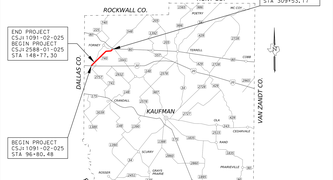
PROJECT LIMIT: FROM IH 20 TO FM 1641
CSJ: 1091-02-025 / 2588-01-025
PROJECT LENGTH: 4.03 MILES
WIDEN 2 LANE ROADWAY TO 4 LANE DIVIDED
TERRAIN: LEVEL

DATE: FEBRUARY, 2026

ROADWAY TYPE	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
URBAN STREET	45 MPH	URBAN ARTERIAL (FM 740, FM 548 & FM741)
URBAN STREET	35 MPH	URBAN COLLECTOR STREETS
LOCAL STREETS	30 MPH	ACCESS ROADS

INDEX OF SHEETS

ROLL 1 OF 5: PLAN FROM BEGIN PROJECT TO STA 148+00.00
ROLL 2 OF 5: PLAN FROM STA 148+00.00 TO STA 203+00.00
ROLL 3 OF 5: PLAN FROM STA 203+00.00 TO STA 258+00.00
ROLL 4 OF 5: PLAN FROM STA 258+00.00 TO END PROJECT
ROLL 5 OF 5: CROSS STREETS PROFILES



LOCATION MAP

N.T.S.
SCALE 1" = 5 MILES
SCALE 1" = 100'

LEGEND

DIRECTION OF TRAFFIC
EXISTING ROW
PROPOSED ROW
PROPOSED SHARED USE PATH (SUP)
PROPOSED SHARED USE PATH ON BRIDGE
PROPOSED BRIDGE WIDENING
EXISTING BRIDGE TO REMAIN
PROPOSED BRIDGE
PROPOSED MEDIAN
PROPOSED CROSS STREET PAVEMENT
PROPOSED DRIVEWAY
DISPLACEMENT
EXISTING SIDEWALK TO BE REMOVED
100 YEAR FLOODPLAIN LIMITS
PROPOSED RETAINING WALL
EXISTING SIGNALIZED INTERSECTION

COMMUNICATIONS
GAS
ELECTRIC
WATER
IRRIGATION
STORM SEWER

SUE QUALITY LEGEND

KAUFMAN COUNTY, TEXAS
TEXAS COUNTY MAP
N.T.S.

HORIZONTAL
VERTICAL
GRAPHIC SCALE IN FEET

PRELIMINARY
FOR INTERIM REVIEW ONLY

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JOHN C. ROLLO JR. P.E. 113126

DATE: 02/13/2026

100% SCHEMATIC

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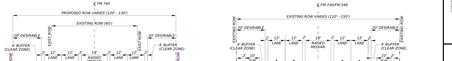
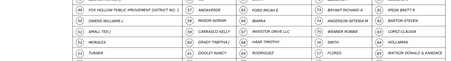
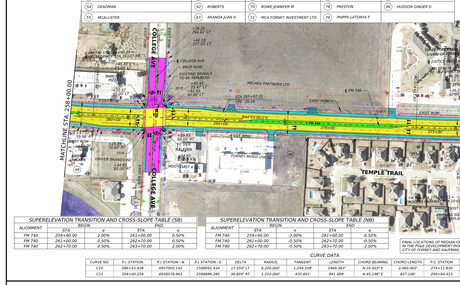
Jacobs
1999 BRYAN STREET, SUITE 3500
DALLAS, TX 75201-3136
Phone 214.638.0145
Firm Registration F-2966



1. THE CONCEPTUAL SCHEMATICS ARE BASED ON FIELD SURVEY AND ARIAL SURVEY DATED DECEMBER 16 2022. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATICS IS BASED ON KAUFMAN COUNTY APPRAISAL DISTRICT (KCAD) INFORMATION.
2. THE PROPOSED PROJECT IS LOCATED IN FLOOD LIMITS WERE BASED ON FEMA FLOOD INSURANCE RATE MAP FROM GIS (ERM MAPPING) DATA.
3. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECT THE EXISTING BUILDINGS.
4. PROPOSED CURBS ARE TYPE II UNLESS STATED OTHERWISE.
5. PROPOSED DRIVEWAYS ARE TO MATCH EXISTING EXISTING LEFT TURN LOCATIONS ONLY.
6. PROPOSED DRIVEWAYS AND EXISTING DRIVEWAY ACCESS WILL REMAIN AND CONNECTIONS TO PROPOSED WIDENING AS SHOWN IN THE SCHEMATIC.
7. ALL DRIVEWAY RADIUS ARE 2' UNLESS NOTED OTHERWISE.
8. ALL DRIVEWAY RADIUS ARE 2' UNLESS NOTED OTHERWISE.

48 CLARKE PATRICK J	58 NO	68 SMITH	72 BLANCHETT	80 ESCALANTE
48 FOX HOLLOW PUBLIC IMPROVEMENT DISTRICT NO. 1	57 ANDAVERDE	65 FORD MICAH E	73 BRYANT RICHARD A	81 IPSON BRETT R
50 CASTLE WILLIAMS L	56 MASON ADRIAN	64 MARRA	74 ANDERSON SETERA M	82 BARTON STEVEN
51 SMALL TED J	55 CARRASCO KELLY	67 INVESTOR DRIVE LLC	75 WERNER ROBBIE	83 LOPEZ CLAUDIA
52 MORALES	60 GRADY TABITHA J	66 HAAR TIMOTHY	76 SMITH	84 HOLLAMAN
53 TURNER	61 DOOLEY NANCY	69 RODRIGUEZ	77 FLORES	85 WATSON DONALD & KANDACE
54 COONS	62 ROBERTS	70 ROSE JENNIFER M	78 PRESTON	86 HUDSON GINGER D
59 MCALLISTER	63 ARANDA JUAN A	71 MCA FORNEY INVESTMENT LTD	79 PHIPPS LATONYA F	





SUPERELEVATION TRANSITION AND CROSS-SLOPE TABLE (SB)

ALIGNMENT	BEGIN STA	END STA	LENGTH
FM 740	259+80.00	263+00.00	320'
FM 740	263+00.00	263+70.00	70'
FM 740	263+70.00	263+80.00	10'

BEGIN	END	LENGTH
2.00%	0.50%	
0.50%	0.50%	
0.50%	2.00%	

SUPERELEVATION TRANSITION AND CROSS-SLOPE TABLE (NB)

ALIGNMENT	BEGIN STA	END STA	LENGTH
FM 740	259+80.00	263+00.00	320'
FM 740	263+00.00	263+70.00	70'
FM 740	263+70.00	263+80.00	10'

BEGIN	END	LENGTH
-2.00%	-0.50%	
-0.50%	-0.50%	
-0.50%	-2.00%	

FINAL LOCATIONS OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE CITY OF FORNEY AND KAUFMAN COUNTY

CURVE DATA

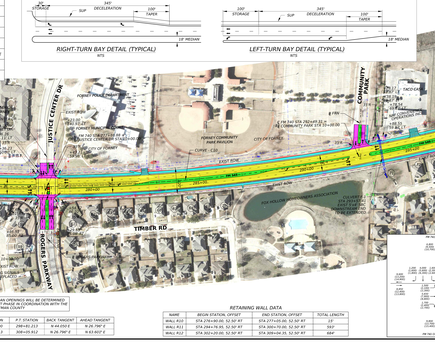
CURVE NO.	P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH
C10	286+15.938	89°55'03.54"	8,000.000'	4,000.00'	7,999.49'	N 45°47'58" E	7,199.54'
C11	304+00.254	89°55'18.963"	2500000.280'	36.809'	73.559'	N 45°48'19" E	73.559'

CURVE DATA

CURVE NO.	P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH
C12	274+11.830	90°00'00.00"	20.000'	20.000'	31.416'	S 45°48'19" W	28.284'
C13	308+05.912	90°00'00.00"	20.000'	20.000'	31.416'	S 44°11'41" E	28.284'

RETAINING WALL DATA

NAME	BEGIN STATION, OFFSET	END STATION, OFFSET	TOTAL LENGTH
WALL #12	STA 276+80.00, 52.50' RT	STA 277+49.00, 52.50' RT	69'
WALL #13	STA 284+76.00, 52.50' RT	STA 300+70.00, 52.50' RT	562'
WALL #12	STA 302+20.00, 52.50' RT	STA 309+04.29, 52.50' RT	684'



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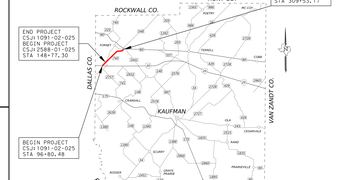

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