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

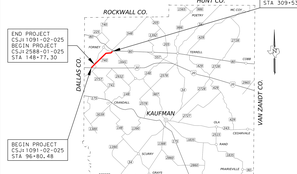
PROJECT LIMIT: FROM IH 20 TO FM 1641
CSJ: 1091-02-025 / 2588-01-025
PROJECT LENGTH: 4.03 MILES
WIDEN 2 LANE ROADWAY TO 4 LANE DIVIDED
TERRAIN: LEVEL

DATE: FEBRUARY, 2026

ROADWAY TYPE	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
URBAN STREET	45 MPH	URBAN ARTERIAL (FM 740, FM 548 & FM741)
URBAN STREET	30 MPH	URBAN COLLECTOR STREETS
LOCAL STREETS		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"=10K'

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
EXISTING BRIDGE TO BE REMOVED
PROPOSED MEDIAN
PROPOSED CROSS STREET PAVEMENT
PROPOSED DRIVEWAY
DISPLACEMENT
EXISTING SIDEWALK TO BE REMOVED
100 YEAR FLOODPLAIN LIMITS
PROPOSED RETAINING WALL
EXISTING SIGNALIZED INTERSECTION

SUE QUALITY LEGEND	
QUALITY LEVEL "A"	A
QUALITY LEVEL "B"	B
QUALITY LEVEL "C"	C
QUALITY LEVEL "D"	D

COMMUNICATIONS	
FIBER - AT&T COMM	FOCO
FIBER - MCI/CC COMM	FOCO
FIBER - CENTURYLINK/QWEST	FOCO
TELEPHONE - AT&T	TELE
TELEPHONE - MCI/CC COMM	TELE
TELEPHONE - CENTURYLINK	TELE
CABLE - SUDDENLINK	CATV
CABLE - CHARTER	CATV

GAS	
GAS - ATMOS ENERGY	GAS
PIPELINE - ENERGY	GAS
PIPELINE - ATMOS ENERGY	GAS

WATER	
WATER - CITY OF FORNEY	W
WATER - KAUFMAN COUNTY	W
WATER - UNKNOWN	W

WASTEWATER	
WASTEWATER - CITY OF FORNEY	SAN
WASTEWATER - UNKNOWN	SAN
WASTEWATER - KAUFMAN COUNTY	SAN

STORM SEWER	
STORM DRAINAGE - CITY OF FORNEY	SD
STORM DRAINAGE - KAUFMAN COUNTY	SD
STORM DRAINAGE - UNKNOWN	SD

ELECTRIC	
ELECTRIC - PRIVATE	ELEC
ELECTRIC - ONCOR	ELEC
ELECTRIC - TRINITY VALLEY	ELEC
ELECTRIC - UNKNOWN	ELEC
OH POWER - ONCOR	OHP
OH POWER - SUDDENLINK	OHP

HORIZONTAL
GRAPHIC SCALE IN FEET

VERTICAL
GRAPHIC SCALE IN FEET

PRELIMINARY
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JOSHUA L. ROLLS _____ 2 / 25 / 26.
PRINTED NAME _____ DATE

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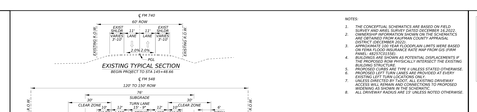
100% SCHEMATIC

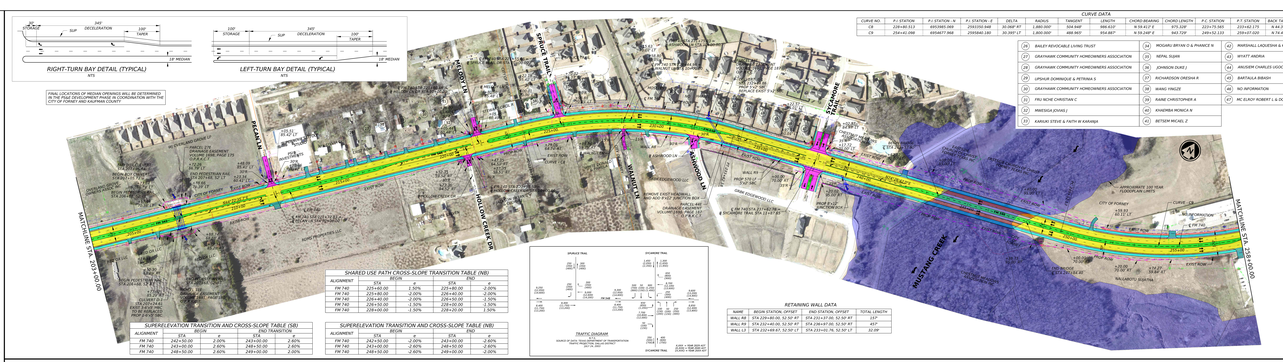
Jacobs
1999 BRYAN STREET, SUITE 3500
DALLAS, TX 75201-3136
Phone 214.638.0145
Firm Registration F-2966



NOTES:

1. THE CONCEPTUAL SCHEMATICS ARE BASED ON FIELD SURVEY AND ARIAL SURVEY DATED DECEMBER 16,2022.
2. THE HORIZONTAL ALIGNMENT IS BASED ON NAD83 (2011) AND OBTAINED FROM KAUFMAN COUNTY APPRAISAL DISTRICT (KCAD).
3. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS WERE BASED ON FEMA FLOOD INSURANCE RATE MAP FOR DFIRM PANEL 48257C0310G.
4. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS AT THIS TIME. FINAL DISPLACEMENTS WILL BE DETERMINED DURING DESIGN.
5. PROPOSED CURBS ARE TYPE I UNLESS STATED OTHERWISE.
6. PROPOSED LEFT TURN LANES ARE PROVIDED AT EVERY CROSS STREET AND DRIVEWAY.
7. UNLESS DIRECTED TO POINT ALL EXISTING DRIVEWAY APPROACHES WILL BE RECONSTRUCTED AS PART OF THE WIDENING AS SHOWN IN THE SCHEMATIC.
8. ALL DRIVEWAY RADIUS ARE 20' UNLESS NOTED OTHERWISE.

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



SHARED USE PATH CROSS-SLOPE TRANSITION TABLE (NB)

ALIGNMENT	BEGIN STA	BEGIN %	END STA	END %
FM 740	229+00.00	-2.00%	230+00.00	-1.50%
FM 740	233+00.00	-1.50%	234+00.00	-2.00%
FM 740	239+00.00	-2.00%	240+00.00	-1.50%
FM 740	243+00.00	-1.50%	244+00.00	-2.00%
FM 740	249+00.00	-2.00%	250+00.00	-1.50%

SUPERELEVATION TRANSITION AND CROSS-SLOPE TABLE (SB)

ALIGNMENT	BEGIN STA	BEGIN %	END TRANSITION STA	END %
FM 740	242+50.00	-2.00%	243+00.00	-2.80%
FM 740	243+00.00	-2.80%	249+50.00	-2.80%
FM 740	249+50.00	-2.80%	249+00.00	-2.00%

SUPERELEVATION TRANSITION AND CROSS-SLOPE TABLE (NB)

ALIGNMENT	BEGIN STA	BEGIN %	END TRANSITION STA	END %
FM 740	242+50.00	-2.00%	243+00.00	-2.80%
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FM 740	249+50.00	-2.80%	249+00.00	-2.00%

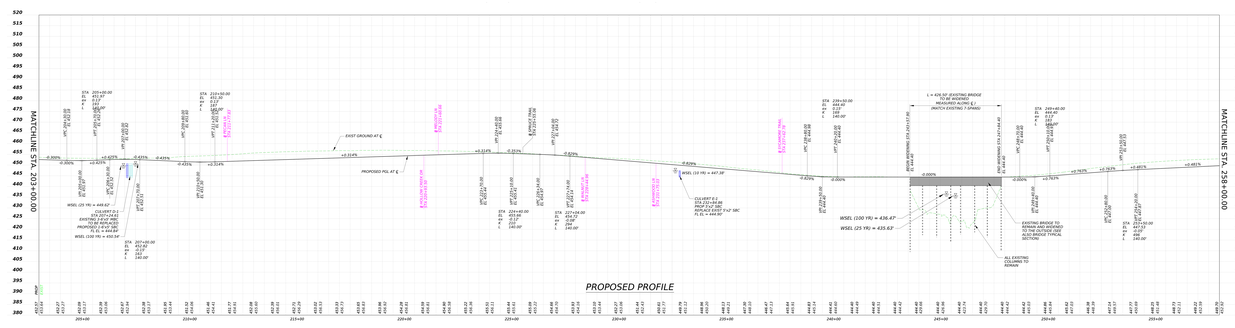
RETAINING WALL DATA

NAME	BEGIN STATION, OFFSET	END STATION, OFFSET	TOTAL LENGTH
WALL #8	STA 229+80.00, 52.50' RT	STA 233+47.00, 52.50' RT	367'
WALL #9	STA 233+40.00, 52.50' RT	STA 239+97.00, 52.50' RT	657'
WALL L7	STA 233+68.81, 52.50' LT	STA 237+21.00, 76.50' LT	353'

CURVE DATA

CURVE NO.	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
C7	230+60.313	6913985.998	2502200.968	91.068°49"	1,800.000'	554.948'	956.622'	N 59.412'3" E	859.338'	224+75.365	233+82.170	N 44.237'8 E	N 74.440'3 E
C8	254+41.098	6904877.968	2505840.180	91.395'17	1,800.000'	468.965'	954.887'	N 59.248'2 E	856.732'	249+52.133	259+07.020	N 74.445'1 E	N 44.050'2 E

JM	BAILEY REVOCABLE LIVING TRUST	JA	MOSARU BRYAN O & PHANCE N
CV	GRAYHAWK COMMUNITY HOMEOWNERS ASSOCIATION	JA	NEPAL SUAN
JM	GRAYHAWK COMMUNITY HOMEOWNERS ASSOCIATION	JM	JANUSEM CHARLES UGOCHUKWU & SANDRA ADAMMA
PP	UPSHUR DOMINIQUE & PETRINA S	JT	RICHARDSON ONESHA R
AO	GRAYHAWK COMMUNITY HOMEOWNERS ASSOCIATION	JB	WANG YINGZE
DJ	YRU ROWE CHRISTIAN C	JK	RAINE CHRISTOPHER A
DJ	MARISSA (DOVE) LLC	AC	KHADRIBO MONICA N
KT	KARUAS STEVE & FAITH M KAMAIJA	AS	BETSEM MICAEL Z



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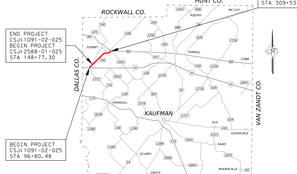

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