TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER

US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)	
49750	74850

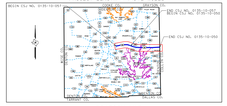
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 1: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - FM1385 TO WEST OF TELL PKWY- STA 945+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TELL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP

LEGEND:

- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED RAMPS
- PROPOSED CURB (6" CURB)
- PROPOSED DRIVEWAY
- PROPOSED ASPHALT PVMT.
- PROPOSED CONCRETE PVMT.
- PROPOSED CENTERLINE
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- EXISTING ROAD
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- CITY/COUNTY LINE
- EXISTING RAIL
- EXISTING EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED DRAINAGE EASEMENT
- TEMPORARY CONCRETE BARRIER WALL
- 10-FT WATER LINE
- PROPOSED MEDIT
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE PAVEMENT
- METAL BEAM GUARD FENCE
- PEDESTRIAN RAIL
- SINGLE GUARD RAIL (CENTRAL)
- TAPER
- PROPOSED FLOW DIRECTIONAL ARROW

HORZ. SCALE 1"=200'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

ROLL 1 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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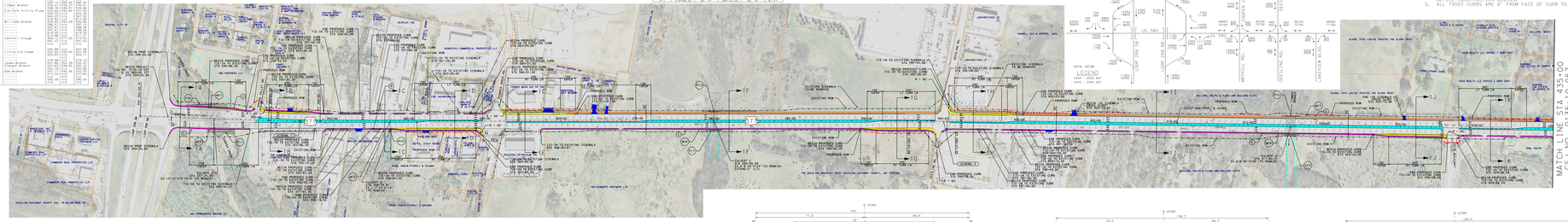
AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

US380 Schematic - Proposed Water Surface Elevations

Sta. Line	Stru. Number	Stream Name	Elev. Inside	Elev. Outside
1	1A(L/R)-01	Culvert#	Copper Creek	781.72
2	1B(L/R)-01	Culvert#	Indian Branch	785.02
3	1C(L/R)-01	Culvert#	Little Pecan Trinity Branch	788.56
4	Stock-01-1	Culvert#	-------	794.84
5	Stock-01-2	Culvert#	-------	794.84
6	1D(L/R)-01	Culvert#	Lakeview Branch	794.84
7	1E(L/R)-01	Culvert#	-------	794.84
8	1F(L/R)-01	Culvert#	-------	794.84
9	1G(L/R)-01	Culvert#	-------	794.84
10	1H(L/R)-01	Culvert#	Cypress Slough	794.84
11	1I(L/R)-01	Culvert#	-------	794.84
12	1J(L/R)-01	Culvert#	-------	794.84
13	1K(L/R)-01	Culvert#	Little Elm Creek	794.84
14	1L(L/R)-01	Culvert#	-------	794.84
15	1M(L/R)-01	Culvert#	-------	794.84
16	1N(L/R)-01	Culvert#	Jones Branch	794.84
17	1O(L/R)-01	Culvert#	Unnamed Tributary	794.84
18	1P(L/R)-01	Culvert#	Doe Branch	794.84
19	1Q(L/R)-01	Culvert#	-------	794.84
20	1R(L/R)-01	Culvert#	-------	794.84

EXISTING ROW				
MAP	BEGIN (RT)	END	LENGTH	
1	2+00+00.00	10+00+00.00	800.00	
2	10+00+00.00	20+00+00.00	1000.00	
3	20+00+00.00	30+00+00.00	1000.00	
4	30+00+00.00	40+00+00.00	1000.00	
5	40+00+00.00	50+00+00.00	1000.00	
6	50+00+00.00	60+00+00.00	1000.00	
7	60+00+00.00	70+00+00.00	1000.00	
8	70+00+00.00	80+00+00.00	1000.00	
9	80+00+00.00	90+00+00.00	1000.00	
10	90+00+00.00	100+00+00.00	1000.00	
11	100+00+00.00	110+00+00.00	1000.00	
12	110+00+00.00	112+15+00.00	215.00	

MAP	BEGIN (RT)	END	SET LENGTH (FT)
MK1	2+00+00.00	10+00+00.00	800.00
MK2	10+00+00.00	20+00+00.00	1000.00
MK3	20+00+00.00	30+00+00.00	1000.00
MK4	30+00+00.00	40+00+00.00	1000.00
MK5	40+00+00.00	50+00+00.00	1000.00
MK6	50+00+00.00	60+00+00.00	1000.00
MK7	60+00+00.00	70+00+00.00	1000.00
MK8	70+00+00.00	80+00+00.00	1000.00
MK9	80+00+00.00	90+00+00.00	1000.00
MK10	90+00+00.00	100+00+00.00	1000.00
MK11	100+00+00.00	110+00+00.00	1000.00
MK12	110+00+00.00	112+15+00.00	215.00


MATCH LINE STA 435+00
CSJ NO. 0135-10-050
LEGEND
EXISTING ROW
PROPOSED ROW
EASEMENT
BASIS OF BEARINGS: GRID AZIMUTH
DATUM: NAD83
ZONE: 4202 NORTH
DATUM: NAVD88
SCALE FACTOR: 1.00013
ELEVATIONS: GRID
SCALE: 1" = 200'
LOOP 288 NB
LOOP 288 SB
MAYHILL RD
ROCKHILL RD
LAKEVIEW BLVD
US 380
SCHOOL TYPE LOCATED TRAFFIC SIGNAL POST

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DALLAS DISTRICT

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ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
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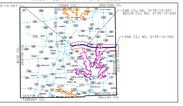
PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

LEGEND:
- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED RAMPS
- PROPOSED CURB OR CURB&GUTTER
- PROPOSED DRIVEWAY
- PROPOSED ASPHALT PVMT.
- PROPOSED CENTERLINE
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- EXISTING ROAD
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- CITY/COUNTY LINE
- EXISTING LOT LINE
- EXISTING EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED TEMP. EASEMENT
- PROPOSED TYPE I OPEN RAIL
- PROPOSED TYPE C INLET
- PROPOSED WATER LINE
- PROPOSED MBGF

- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- EXISTING CHAIN-IN PUMP
- PROPOSED CHAIN-LINK FENCE
- PEDESTRIAN RAIL
- SINGLE GUARD RAIL TERMINAL
- TAPER
- PROPOSED LANE DIRECTIONAL

HORZ. SCALE 1"=2000'
0 200 400

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
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ROLL 2 OF 15

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WWW.AECOM.COM
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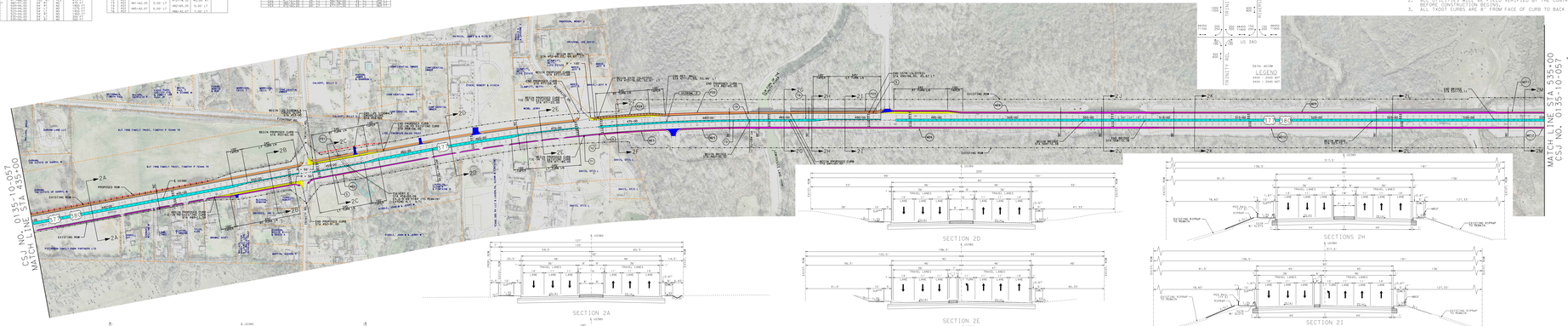
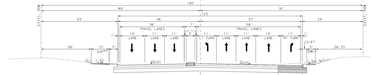
MBGF	BEGIN		END		SIDE	LENGTH (FEET)
	STATION	OFFSET	STATION	OFFSET		
MB1	410+58.75	58.00'	410+91.00	58.00'	RT	32.25'
MB2	411+00.00	58.00'	411+31.25	58.00'	RT	31.25'
MB3	411+31.25	58.00'	411+58.25	58.00'	RT	27.00'
MB4	411+58.25	58.00'	412+00.00	58.00'	RT	41.75'
MB5	412+00.00	58.00'	412+31.25	58.00'	RT	31.25'
MB6	412+31.25	58.00'	412+58.25	58.00'	RT	27.00'
MB7	412+58.25	58.00'	413+00.00	58.00'	RT	41.75'
MB8	413+00.00	58.00'	413+31.25	58.00'	RT	31.25'
MB9	413+31.25	58.00'	413+58.25	58.00'	RT	27.00'
MB10	413+58.25	58.00'	414+00.00	58.00'	RT	41.75'

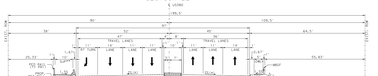
TAPER	BEGIN		END		RADIUS
	STATION	OFFSET	STATION	OFFSET	
T1	411+00.00	46.50'	410+78.50	45.00' RT	
T2	411+40.25	5.00' LT	411+78.50	5.00' LT	
T3	443+42.57	5.00' LT	444+04.67	5.00' LT	

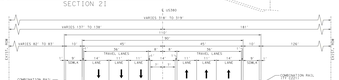
POLYLINE	BEGIN		END		LENGTH
	STATION	OFFSET	STATION	OFFSET	
P1	410+58.75	58.00'	411+00.00	58.00'	41.25'
P2	411+00.00	58.00'	411+40.25	5.00' LT	40.25'
P3	443+42.57	5.00' LT	444+04.67	5.00' LT	62.10'



NOTES:
1. FINAL LOCATION AND NUMBER OF MEDIAN OPENINGS WILL BE DETERMINED DURING THE FINAL DESIGN PHASE OF THIS PROJECT.
2. ALL DIMENSIONS SHOWN ARE TO BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
3. ALL TXDOT CURBS ARE 8" FROM FACE OF CURB TO BACK OF CURB.



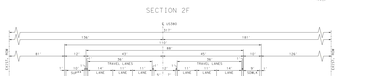




ID	Dia.	Dia. Type	Stream Name	Elevation	Length
1	1800.00	Culvert	Denton Creek	541.10	1,363.00
2	1800.00	Culvert		536.10	1,363.00
3	1800.00	Culvert	Timber Branch	536.10	1,363.00
4	1800.00	Culvert		531.10	1,363.00
5	1800.00	Culvert	Cutting Activity River	526.10	1,363.00
6	1800.00	Culvert		521.10	1,363.00
7	1800.00	Culvert		516.10	1,363.00
8	1800.00	Culvert	Williams Branch	511.10	1,363.00
9	1800.00	Culvert		506.10	1,363.00
10	1800.00	Culvert		501.10	1,363.00
11	1800.00	Culvert	Cantrell Slough	496.10	1,363.00
12	1800.00	Culvert		491.10	1,363.00
13	1800.00	Culvert	Little Elm Creek	486.10	1,363.00
14	1800.00	Culvert		481.10	1,363.00
15	1800.00	Culvert		476.10	1,363.00
16	1800.00	Culvert	Jones Branch	471.10	1,363.00
17	1800.00	Culvert	Jones Branch	466.10	1,363.00
18	1800.00	Culvert	Doe Branch	461.10	1,363.00
19	1800.00	Culvert		456.10	1,363.00
20	1800.00	Culvert		451.10	1,363.00
21	1800.00	Culvert		446.10	1,363.00
22	1800.00	Culvert		441.10	1,363.00
23	1800.00	Culvert		436.10	1,363.00

US380 Schematic - Proposed Roher Surface Elevations







* WIDENING TO MATCH EXISTING CROSS SLOPE
** FUTURE 10' TRAY BY OTHERS

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DALLAS DISTRICT

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U-TURNS = 15 MPH

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ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
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PROJECT LENGTH = 14.72 MILES

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49750	74850

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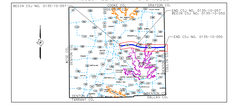

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- PROPOSED BRIDGE WIDENING
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- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED CURB
- PROPOSED 7" CURB AT OVERPU
- PROPOSED DRIVEWAY
- PROPOSED ASPHALT PVMT.
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- EXISTING RIGHT-OF-WAY
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- PROPOSED UTILITY EASEMENT
- PROPOSED TYPE C CONCRETE RAIL
- EXISTING WATER LINE
- PROPOSED WATER LINE

- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE PAVEMENT
- CHAIN LINK FENCE
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- SINGLE GUARD RAIL (CENTRAL)
- TAPER
- DIRECTIONAL LANE DIRECTIONAL

HORZ SCALE 1"=200'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 3 OF 15

AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
PHONE (214) 638-0145
TBPE REG. NO. F-3580

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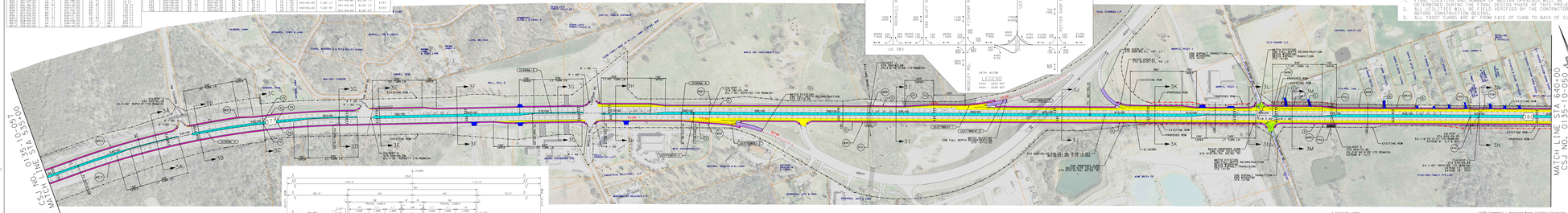
CURVE DATA											
CURVE	DELTA	DEGREE OF CURVE	RADIUS	TANGENT	LENGTH OF CURVE	CURVE	DELTA	DEGREE OF CURVE	RADIUS	TANGENT	LENGTH OF CURVE
C1	0°30'00"	0°30'	11459.16	30.00	60.00	C13	0°30'00"	0°30'	11459.16	30.00	60.00
C2	0°30'00"	0°30'	11459.16	30.00	60.00	C14	0°30'00"	0°30'	11459.16	30.00	60.00
C3	0°30'00"	0°30'	11459.16	30.00	60.00	C15	0°30'00"	0°30'	11459.16	30.00	60.00
C4	0°30'00"	0°30'	11459.16	30.00	60.00	C16	0°30'00"	0°30'	11459.16	30.00	60.00
C5	0°30'00"	0°30'	11459.16	30.00	60.00	C17	0°30'00"	0°30'	11459.16	30.00	60.00
C6	0°30'00"	0°30'	11459.16	30.00	60.00	C18	0°30'00"	0°30'	11459.16	30.00	60.00
C7	0°30'00"	0°30'	11459.16	30.00	60.00	C19	0°30'00"	0°30'	11459.16	30.00	60.00
C8	0°30'00"	0°30'	11459.16	30.00	60.00	C20	0°30'00"	0°30'	11459.16	30.00	60.00
C9	0°30'00"	0°30'	11459.16	30.00	60.00	C21	0°30'00"	0°30'	11459.16	30.00	60.00
C10	0°30'00"	0°30'	11459.16	30.00	60.00	C22	0°30'00"	0°30'	11459.16	30.00	60.00
C11	0°30'00"	0°30'	11459.16	30.00	60.00	C23	0°30'00"	0°30'	11459.16	30.00	60.00
C12	0°30'00"	0°30'	11459.16	30.00	60.00	C24	0°30'00"	0°30'	11459.16	30.00	60.00

TAPER DATA			
TAPER	TYPE	LENGTH OF TAPER	STA
T1	70:1	420.00	551+06.50
T2	70:1	350.00	551+06.50
T3	70:1	350.00	551+06.50
T4	70:1	420.00	551+06.50

5.00' LT	551+06.50	551+06.50
5.00' RT	551+06.50	551+06.50
	551+06.50	551+06.50
	551+06.50	551+06.50

NOTES:
1. FINAL LOCATION AND NUMBER OF MEDIAN OPENINGS WILL BE DETERMINED DURING THE FINAL DESIGN PHASE OF THIS PROJECT.
2. ALL DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE VARIED BY THE CONSTRUCTION ENGINEER.
3. ALL TXDOT CURBS ARE 8" FROM FACE OF CURB TO BACK OF CURB.


MATCH LINE STA 535+00.50
MATCH LINE STA 640+00
CSJ NO. 0135-10-050
CSJ NO. 0135-10-057
US 380
LEGEND
xxxx - 2020 ADT
xxxx - 2040 ADT
DATA ACCESS
PROPOSED ROW
EXISTING ROW
PROPOSED ROW
EXISTING ROW
PROPOSED ROW
EXISTING ROW

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER

US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)	
49750	74850

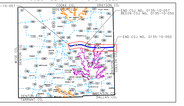
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 1: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - EAST OF FM1385 TO WEST OF CR26- STA 945+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP

LEGEND:
PROPOSED MAINLANES
PROPOSED BRIDGES
PROPOSED BRIDGE WIDENING
PROPOSED FRONTAGE ROADS
PROPOSED CROSS STREETS
PROPOSED MEDIAN
PROPOSED RAMPS
PROPOSED CURB OR CURB&GUTTER
PROPOSED DRIVEWAY
PROPOSED ASPHALT PVMT.
PROPOSED CENTERLINE
PROPOSED RETAINING WALL
PROPOSED RIGHT-OF-WAY
PROPOSED CONTROL OF ACCESS
EXISTING ROAD
EXISTING CONTROL OF ACCESS
CITY/COUNTY LINE
EXISTING RIGHT-OF-WAY
EXISTING EASEMENT
PROPOSED CONSTRUCTION EASEMENT
PROPOSED TEMP. EASEMENT
SMD (SPECIAL CONCRETE RAIL)
EX./ PROPOSED WATER LINE
PROPOSED WELL

PROPOSED CONSTRUCTION
EXISTING SIDEWALK
DRIVEWAY REMOVAL
CONCRETE PAVEMENT
CHAIN LINK FENCE
PEDESTRIAN RAIL
SINGLE GUARD RAIL (TERMINAL)
TAPER
PAVEMENT LANE DIRECTIONAL

HORZ. SCALE: 1"=2000'
0 200 400

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

ROLL 4 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

MEAT	BEGIN STA	END STA	OFFSET	SIDE	LENGTH
MH1	855+66.00	856+66.00	24'	RT	100.00'
MH2	857+66.00	858+66.00	24'	RT	100.00'
MH3	859+66.00	860+66.00	24'	RT	100.00'

EXCLUSION	BEGIN STA	END STA	OFFSET	SIDE	LENGTH
EX1	848+66.00	849+66.00	24'	RT	100.00'
EX2	850+66.00	851+66.00	24'	RT	100.00'
EX3	852+66.00	853+66.00	24'	RT	100.00'

TAPER	BEGIN STA	END STA	OFFSET	RADIUS
T1 LT	849+26.29	851+26.29	0.00' RT	5980
T2 LT	850+66.00	850+76.36	2.00' RT	5980
T3 LT	850+76.36	851+85.29	55.66' LT	5980
T4 LT	851+85.29	852+85.29	55.66' LT	5980
T5 LT	852+85.29	853+85.29	55.66' LT	5980
T6 LT	853+85.29

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
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DESIGN SPEED

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US 377 RAMPS = 25 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
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	2020	2040
AVERAGE DAILY TRAFFIC =	(OPENING)	(20-YR)
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FUNCTIONAL CLASSIFICATION

URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

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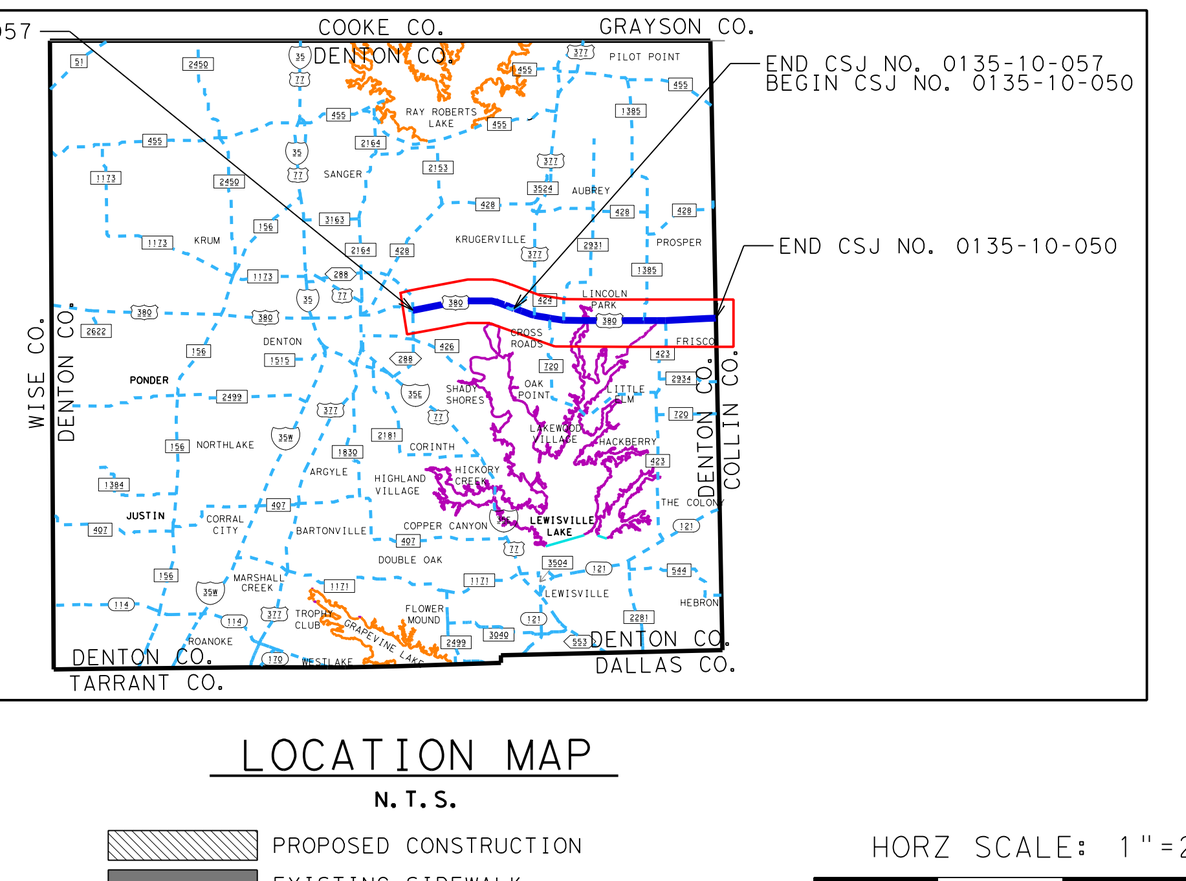
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

LEGEND

- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED ACCESS ROADS/RAMPS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED SIDEWALK
- FUTURE 10' SUP (BY OTHERS)
- PROPOSED DRIVEWAY
- PROPOSED ASPHALT PVMT. TRANSITION
- PROPOSED CENTERLINE
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING ROAD
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- CITY/COUNTY LINE
- PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED DRAINAGE EASEMENT
- SINGLE SLOPE CONCRETE RAIL (SLOTTED)
- EX. 72" WATER LINE
- PROPOSED MBGF
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE RIPRAP
- (M) METAL BEAM GUARD FENCE
- (P) PEDESTRIAN RAIL
- (S) SINGLE GUARD RAIL TERMINAL
- (T1) TAPER
- → PROPOSED LANE DIRECTIONAL INDICATOR

HORZ SCALE: 1"=200'
200 0 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
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ROLL 5 OF 15

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AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY, SUITE 6000
DALLAS, TEXAS 75207
WWW.AECOM.COM
TBPE REG. NO. F-3580

TAPER		BEGIN STA	BEGIN OFFSET (FT)	END STA	END OFFSET (FT)	RADIUS
T1	PT			745+16.56	9.00' LT	
T2	PT			745+59.47	3.00' LT	
T3	PC	809+96.04	8.00' LT			4680
T4	PRC	811+49.49	10.52' LT			6480
T5	PT			813+61.95	14.00' LT	
T6	PC	809+96.04	8.00' RT			4680
T7	PRC	811+49.49	10.52' RT			6480
T8	PT			813+61.95	14.00' RT	
T9	PC	825+78.23	14.00' LT			6480
T10	PRC	827+90.31	10.53' LT			4720
T11	PT			829+44.79	8.00' LT	
T12	PC	825+78.24	14.00' RT			6480
T13	PRC	827+90.31	10.53' RT			4720
T14	PT			829+44.79	8.00' RT	

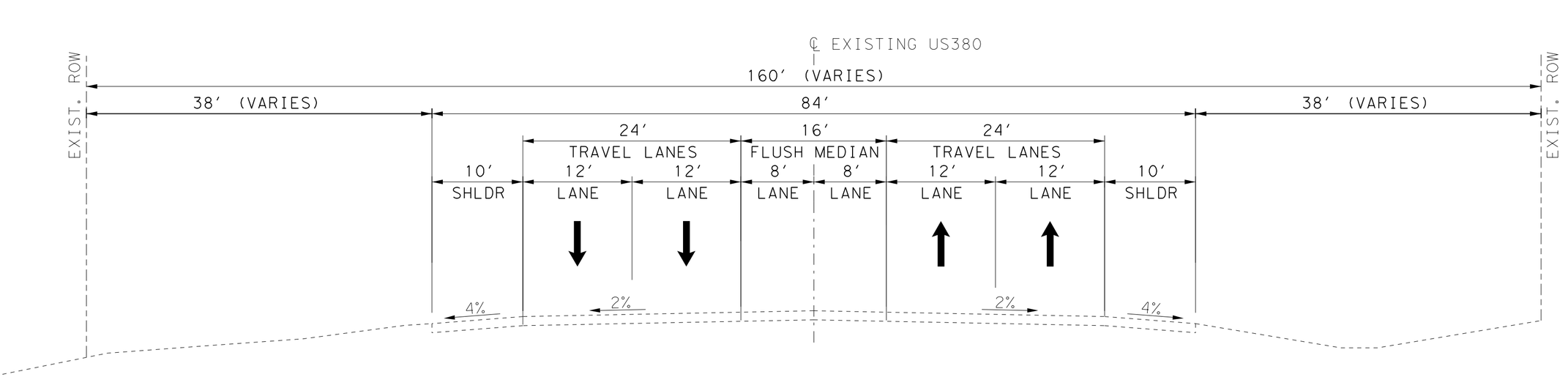
TAPER		BEGIN STA	BEGIN OFFSET (FT)	END STA	END OFFSET (FT)	RADIUS
T15	PC	829+88.86	8.00' LT			6480
T16	PRC	831+85.11	5.03' LT			6600
T17	PT			833+85.00	2.00' LT	
T18	PC	829+88.86	8.00' RT			6480
T19	PRC	831+85.11	5.03' RT			6600
T20	PT			833+85.00	2.00' RT	
T21	POT	833+99.55	50.98' LT			
T22	POT			836+44.97	56.47' LT	
T23	POT	832+99.61	55.33' RT			
T24	POT			834+99.38	59.59' RT	
T25	POT	829+90.43	54.36' RT			
T26	POT			831+35.29	63.71' RT	
T27	POT	833+02.90	76.67' RT			
T28	POT			834+07.96	80.16' RT	

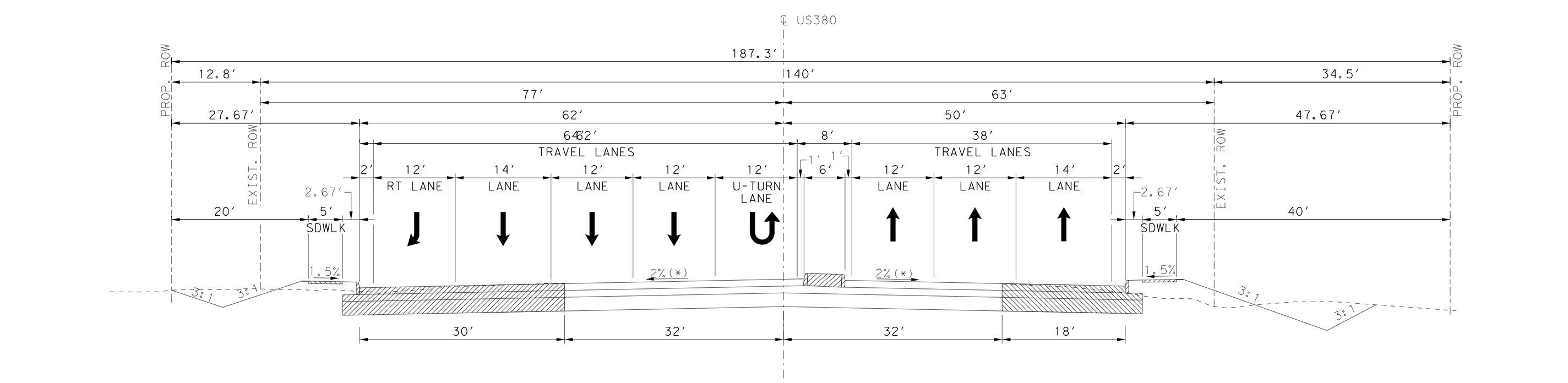
PEDESTRIAN RAIL	BEGIN STA	BEGIN OFFSET (FT)	END STA	END OFFSET (FT)	LENGTH
P51	776+73.50	71' RT	777+33.50	71' RT	60 FT
P52	777+70.00	68' LT	777+90.00	67' LT	20 FT
P53	806+43.00	67' RT	806+50.50	67' RT	8 FT
P54	753+32.00	59' LT	757+33.00	59' LT	401 FT
P55	757+76.00	59' LT	760+95.00	59' LT	319 FT

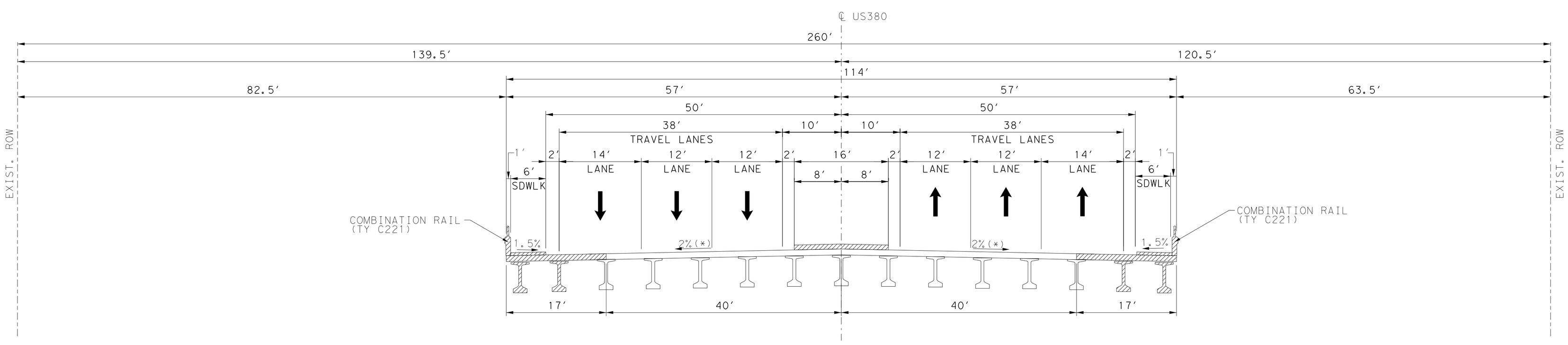
MBGF	BEGIN STA	BEGIN OFFSET (FT)	END STA	END OFFSET (FT)	SGT	TOTAL MBGF LENGTH OF NEED
M53	772+84.50	59' LT	774+72.00	59' LT	YES	225 FT
M54	788+83.00	58' RT	789+70.50	56' RT	YES	125 FT
M55	796+13.50	56' LT	797+01.00	58' LT	YES	125 FT
M56	805+81.00	59' RT	806+68.50	59' RT	YES	125 FT

NOTE:

1. FINAL LOCATION AND NUMBER OF MEDIAN OPENINGS WILL BE DETERMINED DURING THE FINAL DESIGN PHASE OF THIS PROJECT.
2. ALL UTILITIES WILL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
3. ALL TXDOT CURBS ARE 8" FROM FACE OF CURB TO BACK OF CURB.


EXISTING TYPICAL SECTION
STA 745+00 TO STA 845+00


SECTION 5B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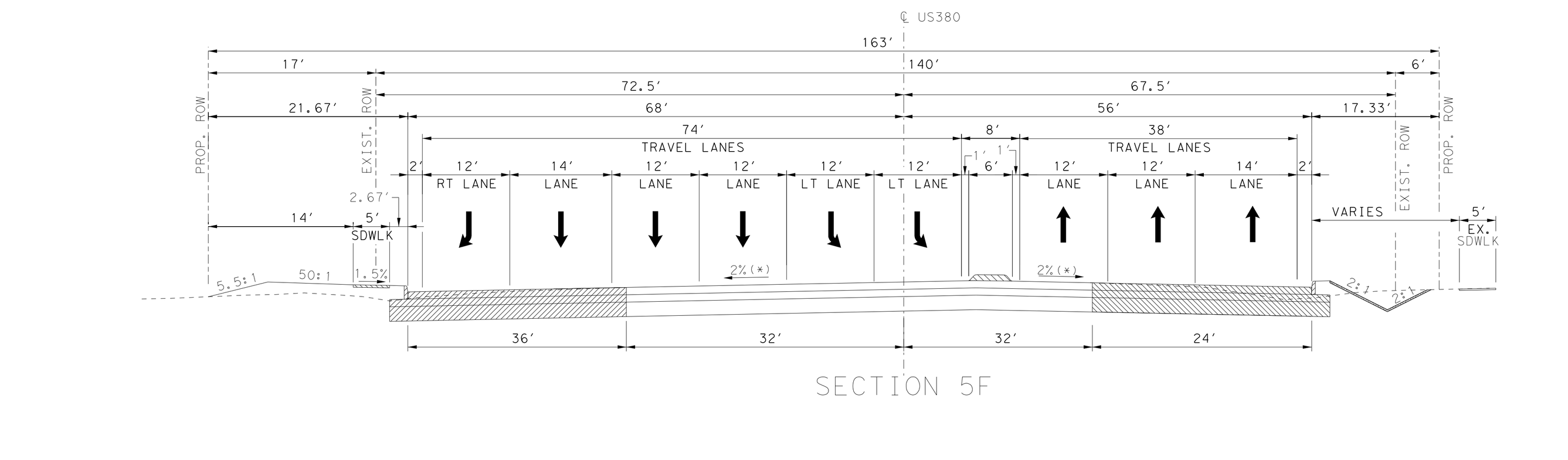
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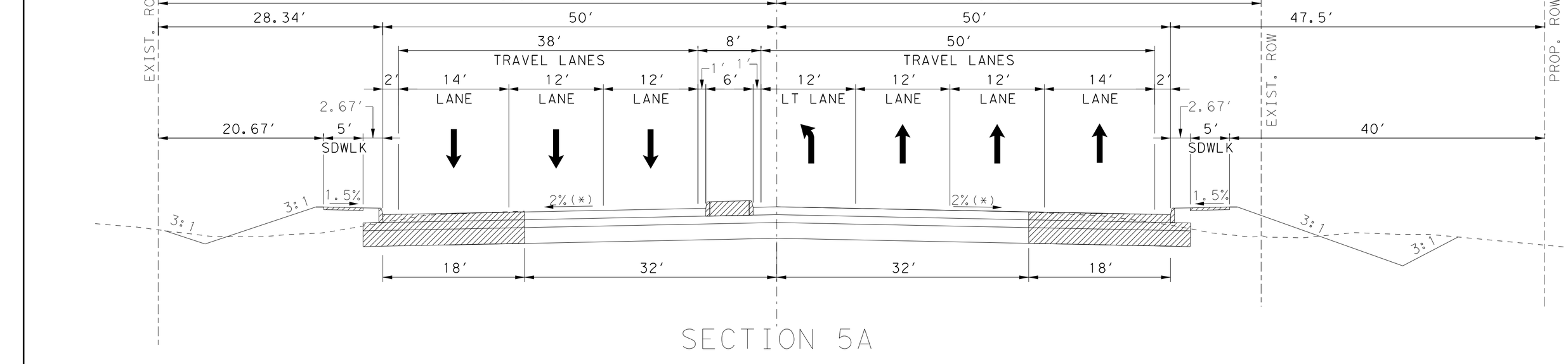
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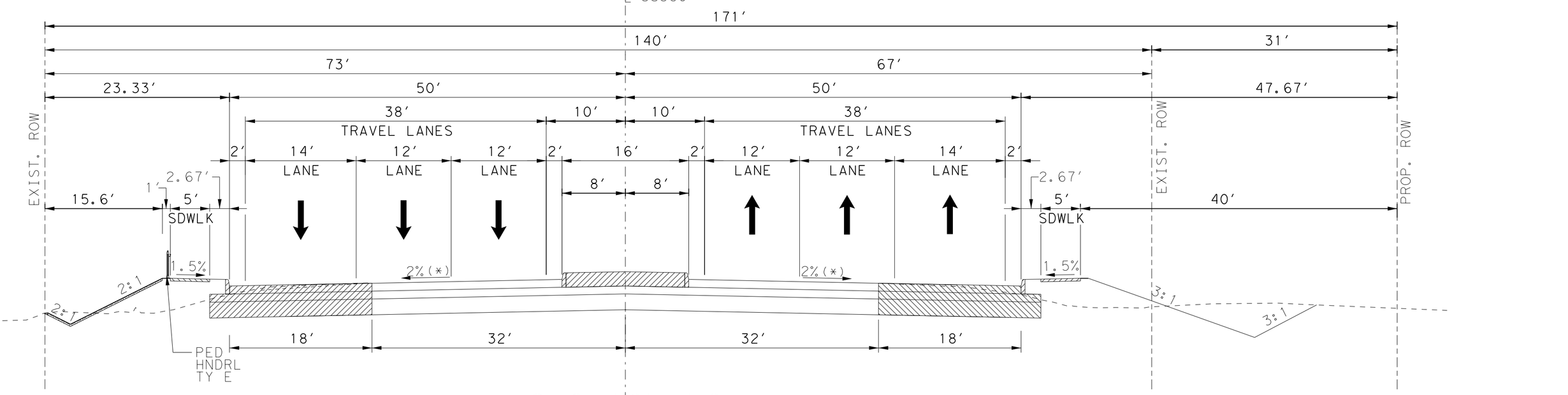
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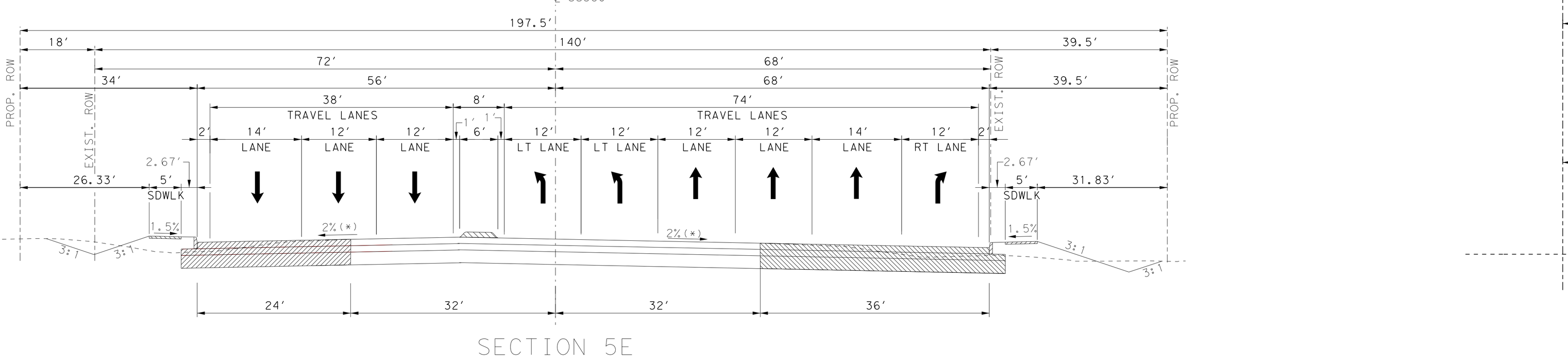
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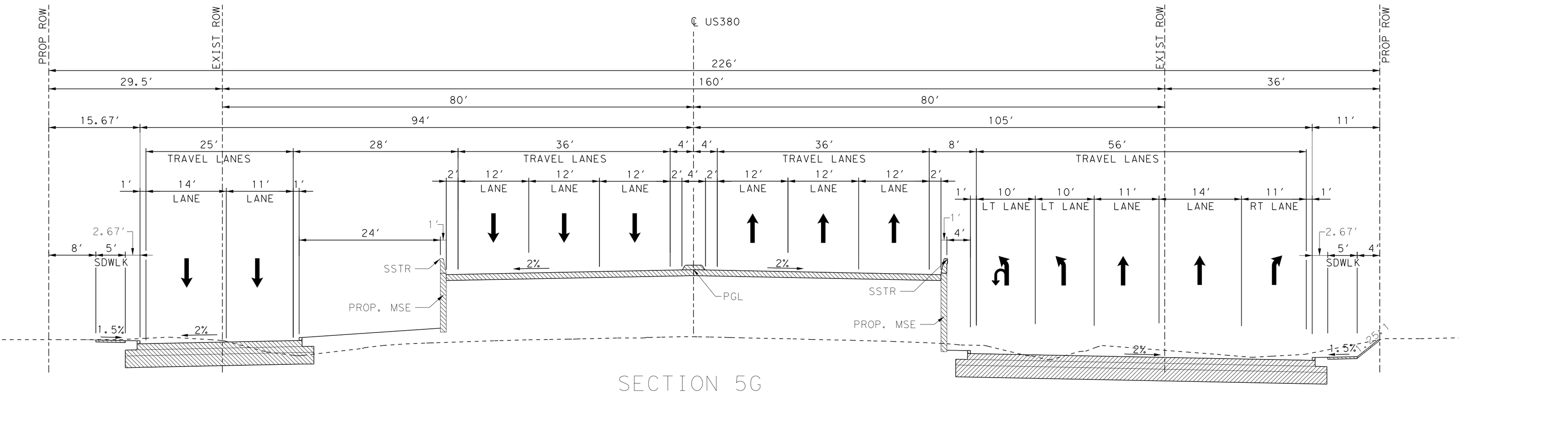
SECTION 5G

US380 Schematic - Proposed Water Surface Elevations

ID	Sta	Str. Type	Stream Name	25YR (ft)	50YR (ft)	100YR (ft)
A	347+25.20	culvert	Cooper Creek	581.73	582.03	583.02
B	358+79.91	culvert	-------	n/a	n/a	n/a
C	380+00.00	culvert	-------	580.10	580.26	580.43
D	417+80.31	culvert	Timber Branch	576.01	576.27	576.51
E	456+02.06	culvert	-------	548.78	549.31	549.86
F		bridge	Elm Fork Trinity River	532.60	535.00	537.00
G	Rock Hill RD	culvert	-------	544.02	n/a	544.34
H	558+00.28	culvert	-------	565.23	n/a	567.55
I	581+51.44	culvert	-------	616.82	n/a	617.06
J	592+62.68	culvert	Williams Branch	594.80	595.29	595.80
K	624+73.96	culvert	-------	596.51	n/a	597.12
L	634+38.29	culvert	-------	597.67	n/a	598.26
L-1	634+93.89	culvert	-------	597.67	n/a	598.26
M	653+13.68	culvert	-------	619.45	n/a	619.50
N	668+55.52	culvert	-------	610.96	n/a	611.21
O	690+25.25	culvert	Contrell Slough	569.12	577.00	573.50
P	FM 720	culvert	-------	591.22	n/a	591.53
Q	736+02.75	culvert	-------	n/a	n/a	n/a
R	abandon	none	-------			
S	777+45.37	culvert	-------	545.88	n/a	547.08
T		bridge	Little Elm Creek	532.60	535.00	537.00
U	806+45.56	culvert	-------	553.83	n/a	554.11
V	868+59.37	culvert	-------			
W	894+64.15	culvert	-------	578.98	n/a	579.13
X	915+36.30	culvert	Jones Branch	551.86	552.39	552.97
Y	928+79.63	culvert	Simpson Branch	547.63	548.82	550.32
Z	953+20.29	culvert	-------	552.18	n/a	552.86
AA		bridge	Doe Branch	541.71	542.56	543.54
BB	1002+52.58	culvert	-------	577.34	n/a	577.80
CC	1054+92.12	culvert	-------	n/a	n/a	n/a
DD	1073+83.12	culvert	-------	595.39	n/a	596.00
EE	1100+54.00	culvert	-------	n/a	n/a	n/a

* WIDENING TO MATCH EXISTING CROSS SLOPE

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
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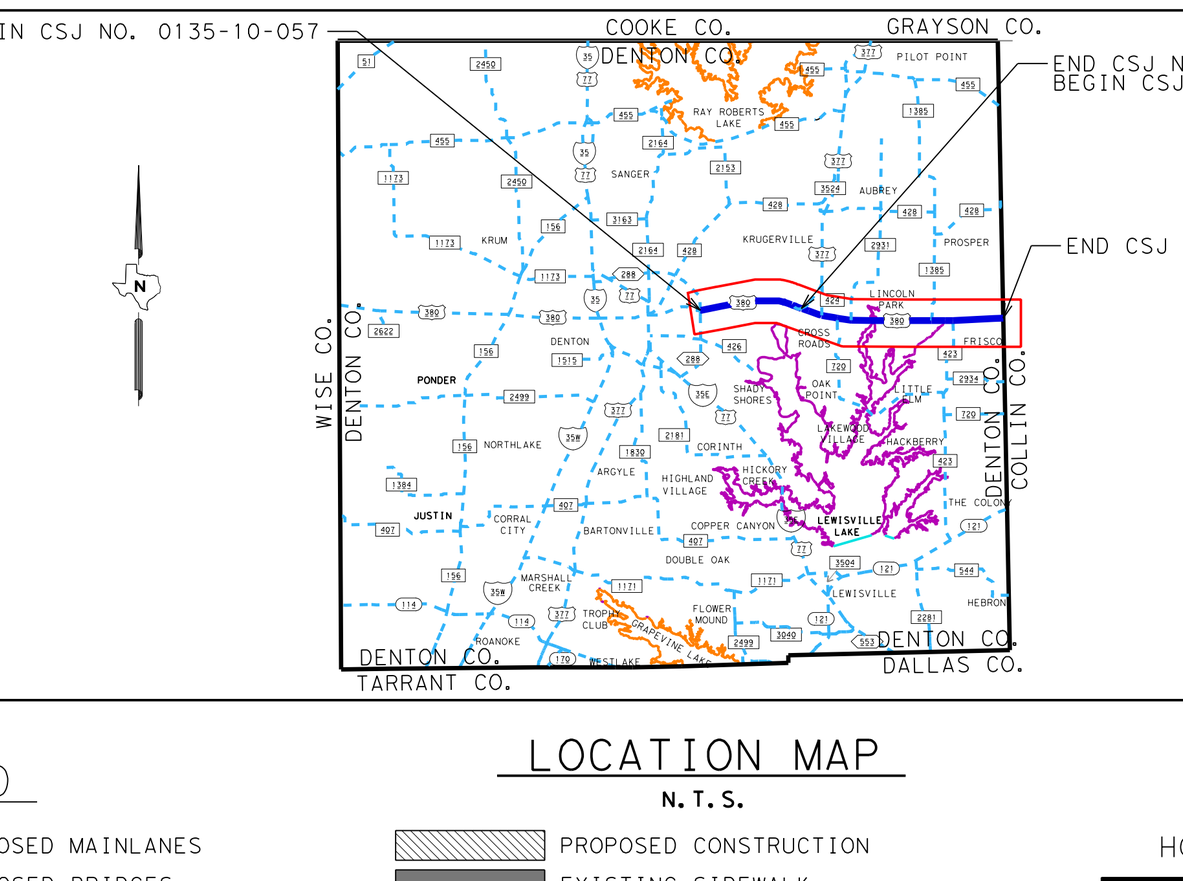

STATE OF TEXAS — RAJESH JANARTHANAN — 99487 — LICENSED PROFESSIONAL ENGINEER
04/21/2017

LEGEND / LOCATION MAP N.T.S.
HORZ SCALE: 1"=200'
100% SUBMITTAL
PREPARED BY AECOM UNDER THE SUPERVISION OF:
RAJESH JANARTHANAN, P.E. (TX PE NO. 99487)
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RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)

2020	2040
49750	74850

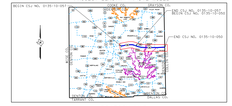
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 2: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - EAST OF FM1385 TO WEST OF TEEL PKWY- STA 945+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP

HORZ SCALE 1"=2000'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

ROLL 6 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY., SUITE 6000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

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MAINLANES					
MAP	BEGIN STA	END STA	LENGTH (MI)	LANE WIDTH
ML1	344+25.00	535+00.00	3.78	12
ML2	535+00.00	640+00.00	1.99	12
ML3	640+00.00	745+00.00	1.99	12
ML4	745+00.00	845+00.00	1.89	12
ML5	845+00.00	945+00.00	1.89	12
ML6	945+00.00	1045+00.00	1.89	12
ML7	1045+00.00	1121+50.00	1.45	12

FRONTAGE ROADS				
MAP	BEGIN STA	END STA	LENGTH (MI)	LANE WIDTH
FR1	344+25.00	435+00.00	1.72	12
FR2	435+00.00	535+00.00	1.89	12
FR3	535+00.00	640+00.00	1.99	12
FR4	640+00.00	745+00.00	1.99	12
FR5	745+00.00	845+00.00	1.89	12
FR6	845+00.00	945+00.00	1.89	12
FR7	945+00.00	1045+00.00	1.89	12
FR8	1045+00.00	1121+50.00	1.45	12



CURVE DATA				
CURVE	BEGIN STA	END STA	DELTA	RADIUS
C1	345+05.70	351+58.61	19°44'13"	
C2	351+58.61	355+93.97	7°57'49"	
C3	355+93.97	360+00.00	7°21'14"	
C4	360+00.00	365+17.16	8°00'07"	
C5	365+17.16	374+00.00	15°33'11"	
C6	374+00.00	376+00.00	3°49'11"	
C7	376+00.00	379+68.97	8°47'52"	
C8	379+68.97	385+57.90	10°03'05"	
C9	385+57.90	389+00.00	5°52'02"	
C10	389+00.00	394+00.00	8°34'29"	
C11	394+00.00	399+48.35	9°30'47"	
C12	399+48.35	404+00.00	7°38'13"	
C13	404+00.00	410+00.00	10°16'44"	
C14	410+00.00	415+00.00	8°34'29"	
C15	415+00.00	420+00.00	8°34'29"	
C16	420+00.00	425+00.00	8°34'29"	
C17	425+00.00	430+00.00	8°34'29"	

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)	
49750	74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:
ROLL 2: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO STA 435+00 TO STA 535+00
WEST OF ROCKHILL RD
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - FM1385 TO WEST OF TELL PKWY TO WEST OF CR26- STA1045+00
ROLL 8: PLAN - WEST OF TELL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
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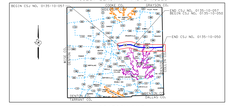
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS
PROJECT LENGTH = 14.72 MILES



LOCATION MAP

LEGEND:
PROPOSED MAINLANES
PROPOSED BRIDGES
PROPOSED BRIDGE WIDENING
PROPOSED FRONTAGE ROADS
PROPOSED CROSS STREETS
PROPOSED MEDIAN
PROPOSED RAMPS
PROPOSED C&G OR CURB
PROPOSED DRIVEWAY
PROPOSED CONTINUOUS TURN LANE
PROPOSED CENTERLINE
PROPOSED RETAINING WALL
PROPOSED RIGHT-OF-WAY
EXISTING RIGHT-OF-WAY
EXISTING ROAD
PROPOSED CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
CITY/COUNTY LINE
EXISTING MEDIAN
EXISTING EASEMENT
PROPOSED CONSTRUCTION EASEMENT
PROPOSED TEMP. EASEMENT
PROPOSED CONCRETE RAIL
100-YR WATER LINE
PROPOSED WALK
PROPOSED CONSTRUCTION
EXISTING SIDEWALK
PAVEMENT REMOVAL
CONCRETE BARRIER
(1) CHAIN LINK FENCE
(2) PEDESTRIAN RAILS
(3) SINGLE GUARD RAIL (CONCRETE)
(4) TAPER
PROPOSED LANE DIRECTIONAL

HORZ. SCALE 1"=200'
N.T.S.
200 0 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 7 OF 15

AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 6000
DALLAS, TEXAS 75207
WWW.AECOM.COM
TBPE REG. NO. F-3580

Texas Department of Transportation
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| CURVE DATA | | |

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (2Q-TR)	
49750	74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 2: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
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ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
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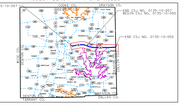
PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

LEGEND:
- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED RAMPS
- PROPOSED CURB OR CURB/GUTTER
- PROPOSED DRIVEWAY
- PROPOSED ASPHALT PVMT. OVERLAY
- PROPOSED CENTERLINE
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- EXISTING ROAD
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- CITY/COUNTY LINE
- EXISTING ROW
- EXISTING EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED TEMP. EASEMENT
- TEMPORARY CONCRETE RAIL
- TXU-ELEC / WATER LINE
- PROPOSED WEST

- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE PAVEMENT
- CHAIN LINK FENCE
- PEDESTRIAN RAIL
- SINGLE GUARD RAIL (TENTATIVE)
- TAPER
- PROPOSED LANE DIRECTIONAL

HORZ. SCALE 1"=200'
200 0 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

ROLL 8 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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AECOM

AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
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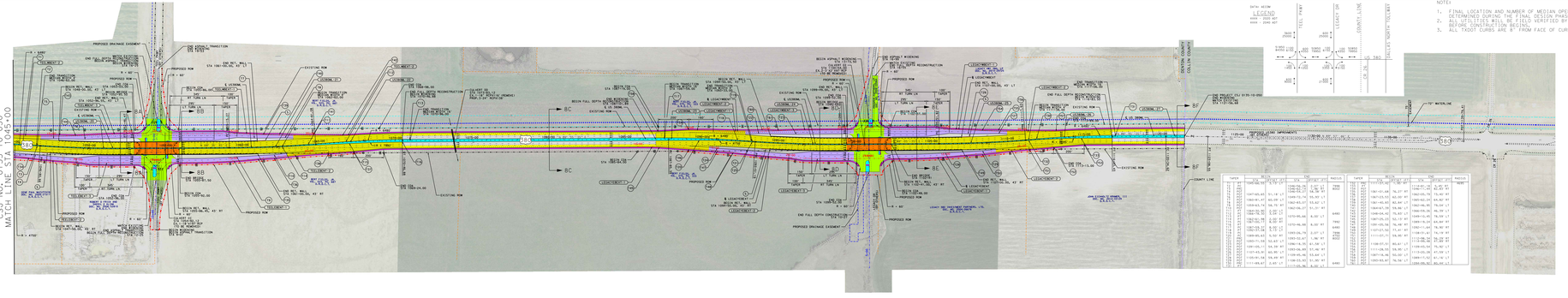

EXISTING TYPICAL SECTION
STA 1045+00 TO END OF PROJECT

NOTES:
1. FINAL LOCATION AND NUMBER OF MEDIAN OPENINGS WILL BE DETERMINED DURING THE FINAL DESIGN PHASE OF THIS PROJECT.
2. ALL DIMENSIONS SHOWN ARE TO BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
3. ALL TXDOT CURBS ARE 8" FROM FACE OF CURB TO BACK OF CURB.

TAPER	BEGIN			END			RADIUS
	STA	OFFSET (LT)	OFFSET (RT)	STA	OFFSET (LT)	OFFSET (RT)	
T1	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T2	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T3	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T4	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T5	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T6	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T7	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T8	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T9	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T10	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T11	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T12	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T13	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T14	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T15	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T16	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T17	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
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T19	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T20	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T21	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T22	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T23	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T24	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T25	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
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T29	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T30	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T31	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T32	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
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T40	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T41	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
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T75	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T76	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
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T86	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
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T95	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T96	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T97	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T98	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T99	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T100	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888

TAPER	BEGIN			END			RADIUS
	STA	OFFSET (LT)	OFFSET (RT)	STA	OFFSET (LT)	OFFSET (RT)	
T1	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T2	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T3	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T4	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T5	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T6	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T7	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T8	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T9	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T10	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T11	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T12	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T13	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T14	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T15	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T16	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T17	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T18	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T19	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T20	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T21	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T22	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T23	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T24	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T25	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T26	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T27	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T28	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T29	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T30	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T31	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T32	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T33	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T34	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T35	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T36	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T37	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T38	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T39	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T40	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T41	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T42	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T43	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T44	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T45	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T46	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T47	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T48	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T49	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T50	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T51	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T52	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T53	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T54	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T55	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T56	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T57	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T58	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T59	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T60	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T61	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T62	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T63	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T64	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T65	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T66	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T67	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T68	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T69	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T70	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T71	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T72	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T73	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T74	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T75	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T76	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T77	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T78	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T79	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T80	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T81	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T82	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T83	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T84	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T85	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T86	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T87	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T88	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T89	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T90	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T91	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T92	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T93	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T94	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T95	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T96	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T97	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T98	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T99	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888
T100	1040+00.00	61.79' LT		1040+72.74	55.50' LT		7888

STA	STA - TYPE	STREAM NAME	LEFT	RIGHT
1041+00.00			100.00'	100.00'
1042+00.00			100.00'	100.00'
1043+00.00			100.00'	100.00'
1044+00.00			100.00'	100.00'
1045+00.00			100.00'	100.00'
1046+00.00			100.00'	100.00'
1047+00.00			100.00'	100.00'
1048+00.00			100.00'	100.00'
1049+00.00			100.00'	100.00'
1050+00.00			100.00'	100.00'
1051+00.00			100.00'	100.00'
1052+00.00			100.00'	100.00'
1053+00.00			100.00'	100.00'
1054+00.00			100.00'	100.00'
1055+00.00			100.00'	100.00'
1056+00.00			100.00'	100.00'
1057+00.00			100.00'	100.00'
1058+00.00			100.00'	100.00'
1059+00.00			100.00'	100.00'
1060+00.00			100.00'	100.00'
1061+00.00			100.00'	100.00'
1062+00.00			100.00'	100.00'
1063+00.00			100.00'	100.00'
1064+00.00			100.00'	100.00'
1065+00.00			100.00'	100.00'
1066+00.00			100.00'	100.00'
1067+00.00			100.00'	100.00'
1068+00.00			100.00'	100.00'
1069+00.00			100.00'	100.00'
1070+00.00			100.00'	100.00'
1071+00.00			100.00'	100.00'
1072+00.00			100.00'	100.00'
1073+00.00			100.00'	100.00'
1074+00.00			100.00'	100.00'
1075+00.00			100.00'	100.00'
1076+00.00			100.00'	100.00'
1077+00.00			100.00'	100.00'
1078+00.00			100.00'	100.00'
1079+00.00			100.00'	100.00'
1080+00.00			100.00'	100.00'
1081+00.00			100.00'	100.00'
1082+00.00			100.00'	100.00'
1083+00.00			100.00'	100.00'
1084+00.00			100.00'	100.00'
1085+00.00			100.00'	100.00'
1086+00.00			100.00'	100.00'
1087+00.00			100.00'	100.00'
1088+00.00			100.00'	100.00'
1089+00.00			100.00'	100.00'
1090+00.00			100.00'	100.00'
1091+00.00			100.00'	100.00'
1092+00.00			100.00'	100.00'
1093+00.00			100.00'	100.00'
1094+00.00			100.00'	100.00'
1095+00.00			100.00'	100.00'
1096+00.00			100.00'	100.00'
1097+00.00			100.00'	100.00'
1098+00.00			100.00'	100.00'
1099+00.00			100.00'	100.00'
1100+00.00			100.00'	100.00'
1101+00.00			100.00'	100.00'
1102+00.00			100.00'	100.00'
1103+00.00			100.00'	100.00'
1104+00.00			100.00'	100.00'
1105+00.00			100.00'	100.00'
1106+00.00			100.00'	100.00'
1107+00.00			100.00'	100.00'
1108+00.00			100.00'	100.00'
1109+00.00			100.00'	100.00'
1110+00.00			100.00'	100.00'
1111+00.00			100.00'	100.00'
1112+00.00			100.00'	100.00'
1113+00.00			100.00'	100.00'
1114+00.00			100.00'	100.00'
1115+00.00			100.00'	100.00'
1116+00.00			100.00'	100.00'
1117+00.00			100.00'	100.00'
1118+00.00			100.00'	100.00'
1119+00.00			100.00'	100.00'
1120+00.00			100.00'	100.00'
1121+00.00			100.00'	100.00'
1121+72.74			100.00'	100.00'

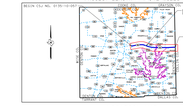
US380 Schematic - Proposed Roller Surface Elevations

* DEPARTURE TO MATCH EXISTING CROSS SLOPE

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY
CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377
CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26
DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH
2020 2040
AVERAGE DAILY TRAFFIC = (OPENING) (2Q-TR)
49750 74850
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL
DESIGN SCHEMATIC

ROLL 2: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - EAST OF FM1385 TO WEST OF TELL PKWY- STA 945+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TELL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.
LEGEND:
- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED RAMPS
- PROPOSED CURB OR CURB/GUTTER
- PROPOSED DRIVEWAY
- PROPOSED ASPHALT PVMT. OVERLAY
- PROPOSED CENTERLINE
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- EXISTING ROAD
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- CITY/COUNTY LINE
- EXISTING ROW
- EXISTING EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED TEMP. EASEMENT
- TEMPORARY CONCRETE RAIL
- TX

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER

US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)	
49750	74850

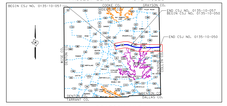
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 2i PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2i PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3i PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4i PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5i PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6i PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7i PLAN - FM1385 TO WEST OF TEEL PKWY- STA 945+00 TO STA1045+00
ROLL 8i PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9i TYPICAL SECTIONS - CROSS STREETS
ROLL 10i TYPICAL SECTIONS - CROSS STREETS
ROLL 11i HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12i HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13i PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14i PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15i PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 9 OF 15

AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
WWW.AECOM.COM
TBPE REG. NO. F-3580

Texas Department of Transportation
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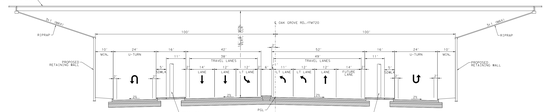
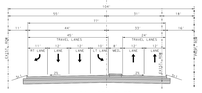
FM 720 INTERSECTION

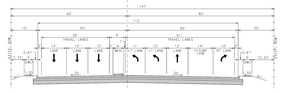


OAK GROVE RD./FM720
AT GRADE SECTION
(ULTIMATE CONFIGURATION)



OAK GROVE RD.

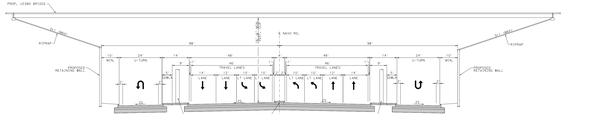
(OAK GROVE RD. TYPICAL SECTION IS MATCHING PROPOSED SECTION FROM THE MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE TOWNS OF LITTLE ELM AND CROSS ROADS. THIS SECTION OF OAK GROVE RD. IS CURRENTLY UNDER CONSTRUCTION)



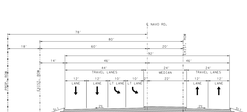
FM 720

(FM 720 TYPICAL SECTION IS MATCHING THE PS&E DESIGN PLANS PROVIDED BY TXDOT)

NAVO RD INTERSECTION

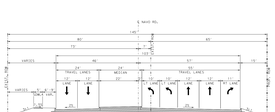


NAVO RD.
AT GRADE SECTION
(ULTIMATE CONFIGURATION)



NAVO RD.
NORTH SECTION

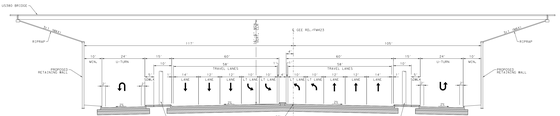
(NAVO RD. TYPICAL SECTIONS ARE MATCHING THE SECTION RECENTLY COMPLETED EXISTING SECTION)



NAVO RD.
SOUTH SECTION

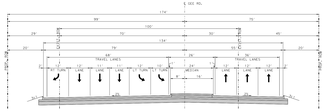
(NAVO RD. TYPICAL SECTIONS ARE MATCHING THE SECTION RECENTLY COMPLETED EXISTING SECTION)

GEE RD / FM423 INTERSECTION



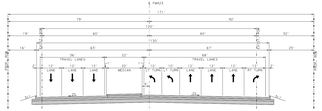
GEE RD./FM423
AT GRADE SECTION
(ULTIMATE CONFIGURATION)

NOTES:
1. PLAN VIEW SHOWN FOR SECTIONS UNDER PROPOSED USING BRIDGES. NO CROSSWALKS RECOMMENDED.
2. GOOGLE STREET VIEWS, SECTIONS AND IMAGES BY TEXAS DEPARTMENT OF TRANSPORTATION.
3. GOOGLE STREET VIEWS, SECTIONS AND IMAGES BY TOWN OF PROSPER, TEXAS.
4. GOOGLE STREET VIEWS, SECTIONS AND IMAGES BY TOWN OF CROSS ROADS, TEXAS.



GEE RD.

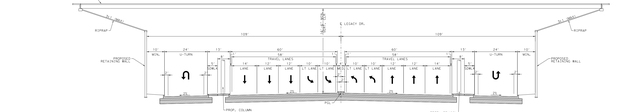
(GEE ROAD TYPICAL SECTION IS BASED ON THE PLANS RECEIVED FROM THE TOWN OF PROSPER. CURRENTLY UNDER CONSTRUCTION)



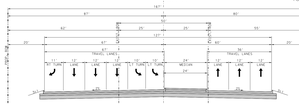
FM423

(FM423 TYPICAL SECTION IS BASED ON PS&E DESIGN PROVIDED BY TXDOT. PROPOSED SECTION MATCHES THE ROADWAY UNDER CONSTRUCTION)

TEEL PKWY INTERSECTION

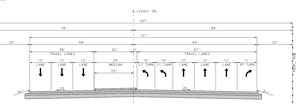


TEEL PKWY
AT GRADE SECTION
(ULTIMATE CONFIGURATION)



TEEL PKWY
NORTH SECTION

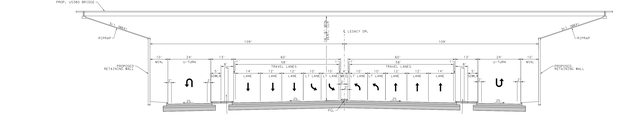
(TEEL PKWY TYPICAL SECTION IS BASED ON THE TOWN OF PROSPER AND CITY OF FRISCO MTP. DESIGN PLANS ARE BEING DEVELOPED BY THE TOWN AND THE CITY)



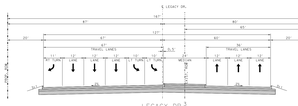
TEEL PKWY
SOUTH SECTION

(TEEL PKWY TYPICAL SECTION IS BASED ON THE TOWN OF PROSPER AND CITY OF FRISCO MTP. DESIGN PLANS ARE BEING DEVELOPED BY THE TOWN AND THE CITY)

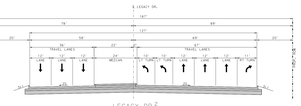
LEGACY DR INTERSECTION



LEGACY DR.
AT GRADE SECTION
(ULTIMATE CONFIGURATION)



LEGACY DR.
NORTH SECTION
(ULTIMATE CONFIGURATION)



LEGACY DR.
SOUTH SECTION
(ULTIMATE CONFIGURATION)

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER

US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)	
49750	74850

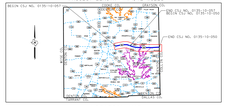
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 2i PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2i PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3i PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4i PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5i PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6i PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7i PLAN - FM1385 TO WEST OF TEEL PKWY- STA 945+00 TO STA1045+00
ROLL 8i PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9i TYPICAL SECTIONS - CROSS STREETS
ROLL 10i TYPICAL SECTIONS - CROSS STREETS
ROLL 11i HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12i HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13i PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14i PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15i PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)



DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 9 OF 15

AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
WWW.AECOM.COM
TBPE REG. NO. F-3580

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TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 377 MAINLANES = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)	
49750	74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

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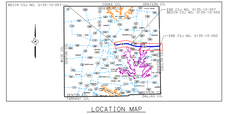
ROLL 14:	PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15:	PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP

HORZ SCALE 1"=2000'
200 0 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 10 OF 15

Texas Department of Transportation
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AECOM

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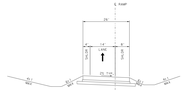
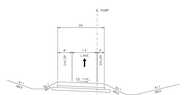
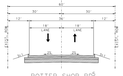
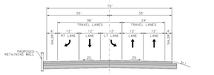
DALLAS, TEXAS 75247
WWW.AECOM.COM
TBPE REG. NO. F-3580

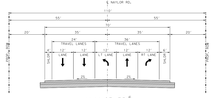


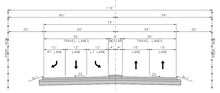




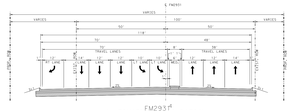


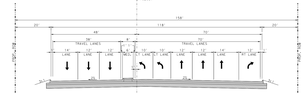


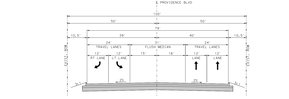


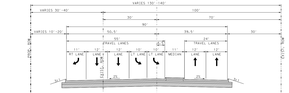


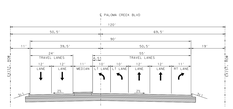
NOTES:
1. PLATE NEEDS SHOWN FOR EXISTING UNDER PROPOSED WORK REVISED, NO CROSSWALKS RECOMMENDED.
2. ROADS SIGNED TYPICAL SECTIONS ARE BASED ON TOWN OF FRISCO DATA.
3. ROADS SIGNED TYPICAL SECTIONS ARE BASED ON TOWN OF LITTLE ELM DATA.
4. ROADS SIGNED TYPICAL SECTIONS ARE BASED ON TOWN OF CROSS ROADS DATA.

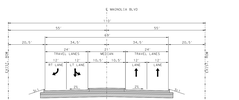


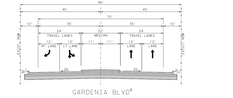




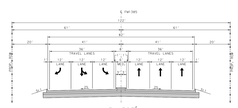


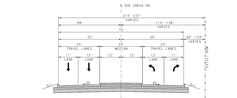


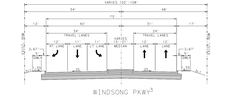


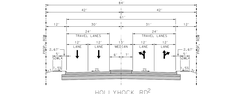












TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
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CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)	
49750	74850

FUNCTIONAL CLASSIFICATION
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DESIGN SCHEMATIC

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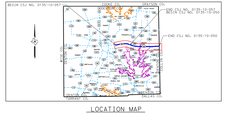
PROJECT LENGTH = 14.72 MILES



LOCATION MAP

HORZ SCALE 1"=2000'
200 0 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 10 OF 15

Texas Department of Transportation
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AECOM

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DALLAS, TEXAS 75247
WWW.AECOM.COM
TBPE REG. NO. F-3580

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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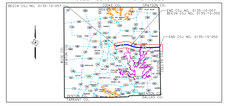
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - FM1385 TO WEST OF CR26- STA 945+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

HORIZ SCALE 1"=2000'
2000 0 2000

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 11 OF 15

Texas Department of Transportation
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AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
FIRM: AECOM
TBPE REG. NO. F-3580

MAINLANE CURVE DATA - US380

Beginning stnnn:US380NL description
Point USCBC0001 = X, 2,405,015.5625 ' , 7,135,546.1092 Srvy 3242+82.41
Course from USNL3001 to PC USCBNL1 = N 89° 58' 15.90" E Dist 5,844.9750

Curve Data
Curve USCBNL1
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL1 to PC USCBNL2 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL2
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 56' 00" E
Course Out = N 00° 01' 51" W
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL2 to PC USCBNL3 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL3
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL3 to PC USCBNL4 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL4
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL4 to PC USCBNL5 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL5
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL5 to PC USCBNL6 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL6
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL6 to PC USCBNL7 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL7
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL7 to PC USCBNL8 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL8
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL8 to PC USCBNL9 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL9
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL9 to PC USCBNL10 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL10
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL10 to PC USCBNL11 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL11
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL11 to PC USCBNL12 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL12
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL12 to PC USCBNL13 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL13
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL13 to PC USCBNL14 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL14
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL14 to PC USCBNL15 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL15
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL15 to PC USCBNL16 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL16
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL16 to PC USCBNL17 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL17
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL17 to PC USCBNL18 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL18
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL18 to PC USCBNL19 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL19
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL19 to PC USCBNL20 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL20
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL20 to PC USCBNL21 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL21
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL21 to PC USCBNL22 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL22
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL22 to PC USCBNL23 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL23
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL23 to PC USCBNL24 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL24
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL24 to PC USCBNL25 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL25
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL25 to PC USCBNL26 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL26
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL26 to PC USCBNL27 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL27
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL27 to PC USCBNL28 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL28
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL28 to PC USCBNL29 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL29
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL29 to PC USCBNL30 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL30
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL30 to PC USCBNL31 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL31
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL31 to PC USCBNL32 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL32
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL32 to PC USCBNL33 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL33
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL33 to PC USCBNL34 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL34
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL34 to PC USCBNL35 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL35
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL35 to PC USCBNL36 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL36
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL36 to PC USCBNL37 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL37
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL37 to PC USCBNL38 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL38
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL38 to PC USCBNL39 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL39
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL39 to PC USCBNL40 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL40
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL40 to PC USCBNL41 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL41
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL41 to PC USCBNL42 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL42
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL42 to PC USCBNL43 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL43
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL43 to PC USCBNL44 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL44
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL44 to PC USCBNL45 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL45
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL45 to PC USCBNL46 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL46
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL46 to PC USCBNL47 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL47
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL47 to PC USCBNL48 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL48
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL48 to PC USCBNL49 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL49
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL49 to PC USCBNL50 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL50
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL50 to PC USCBNL51 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL51
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL51 to PC USCBNL52 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL52
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL52 to PC USCBNL53 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL53
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL53 to PC USCBNL54 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL54
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL54 to PC USCBNL55 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL55
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL55 to PC USCBNL56 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL56
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL56 to PC USCBNL57 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL57
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL57 to PC USCBNL58 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL58
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL58 to PC USCBNL59 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL59
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL59 to PC USCBNL60 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL60
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL60 to PC USCBNL61 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL61
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL61 to PC USCBNL62 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL62
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL62 to PC USCBNL63 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL63
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL63 to PC USCBNL64 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL64
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL64 to PC USCBNL65 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL65
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL65 to PC USCBNL66 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL66
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.0000
Course from PT USCBNL66 to PC USCBNL67 = N 89° 58' 09" E Dist 5,844.9750

Curve Data
Curve USCBNL67
Delta = 0° 54' 09" E (Rt)
Degree Curve = 0° 30' 00"
Radius = 11,459.191.3549 '
Tangent = 90.2147 '
Length = 180.4294 '
Chord = 180.4294 '
Course In = N 00° 01' 51" W
Course Out = N 00° 56' 00" E
Point Beor = N 89° 58' 09" E
Point Eccn = 0.

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 30 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

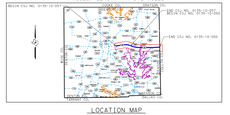
2020 2040
AVERAGE DAILY TRAFFIC + (OPENING) (2D-TR)
49750 74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:
ROLL 1: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - FM1385 TO WEST OF TEEL PKWY- STA 945+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

HORZ SCALE 1"=200'
200 0 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY., SUITE 6000
DALLAS, TEXAS 75207
FIRM #10386
TBPE REG. NO. F-3580

RAMP CURVE DATA

TEEL EB ENTRANCE

Beginning stnnn TEELEBENT description
Point TEELEBENTPOT ... N 6,470,715.5269 E ... 1,176,596.6778 Elev ... 10:00:00
Course from TEELEBENTPOT to PC TEELEBENT-1 is NE 89° 35' 03.07" E Dist 252.4752

Curve Data
Curve TEELEBENT-1 ... PI N 6,470,640.7062 E ... 1,176,960.1613
Delta 89° 35' 03.07" (RT) ... Tangent 252.4752 ... Chord 356.0000
Degree Curve 16° 05' 22.00" ... Long Chord 356.0000 ... Radius 356.0000
Course from PT TEELEBENT-1 to PC TEELEBENT-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve TEELEBENT-2 ... PI N 6,470,691.7589 E ... 1,177,426.6650
Delta 90° 00' 00.00" (RT) ... Tangent 150.0000 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT TEELEBENT-2 to PC TEELEBENT-3 is NE 89° 35' 03.07" E Dist 216.1577

Curve Data
Curve TEELEBENT-3 ... PI N 6,470,844.4405 E ... 1,177,535.2025
Delta 89° 35' 03.07" (RT) ... Tangent 216.1577 ... Chord 306.0000
Degree Curve 18° 43' 39.00" ... Long Chord 306.0000 ... Radius 306.0000
Course from PT TEELEBENT-3 to TEELEBENT2 is NE 89° 35' 03.07" E Dist 116.9115
Point TEELEBENTPOT ... N 6,471,455.4133 E ... 1,177,695.8005 Elev ... 10:40:32

Ending stnnn TEELEBENT description

TEEL EB EXIT

Beginning stnnn TEELEBEXT description
Point TEELEBEXTPOT ... N 6,469,945.8270 E ... 1,175,851.1680

Curve Data
Curve TEELEBEXT-1 ... PI N 6,469,940.8030 E ... 1,175,541.6419
Delta 89° 35' 03.07" (RT) ... Tangent 150.0000 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT TEELEBEXT-1 to PC TEELEBEXT-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve TEELEBEXT-2 ... PI N 6,469,877.3833 E ... 1,175,391.3691
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT TEELEBEXT-2 to TEELEBEXT2 is NE 89° 35' 03.07" E Dist 116.9277
Point TEELEBEXTPOT ... N 6,470,115.5289 E ... 1,175,246.4775 Elev ... 10:15:52

Ending stnnn TEELEBEXT description

TEEL WB ENTRANCE

Beginning stnnn TEELWBENT description
Point TEELWBENTPOT ... N 6,469,965.7469 E ... 1,175,511.0192

Curve Data
Curve TEELWBENT-1 ... PI N 6,469,932.4960 E ... 1,175,501.7490
Delta 89° 35' 03.07" (RT) ... Tangent 150.0000 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT TEELWBENT-1 to PC TEELWBENT-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve TEELWBENT-2 ... PI N 6,469,917.1603 E ... 1,175,529.7460
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT TEELWBENT-2 to TEELWBENT2 is NE 89° 35' 03.07" E Dist 116.9236
Point TEELWBENTPOT ... N 6,470,115.4889 E ... 1,175,536.0330 Elev ... 10:19:44

Ending stnnn TEELWBENT description

TEEL WB EXIT

Beginning stnnn TEELWBEXT description
Point TEELWBEXTPOT ... N 6,470,170.4830 E ... 1,175,536.9130 Elev ... 10:00:00
Course from TEELWBEXTPOT to PC TEELWBEXT-1 is NW 89° 35' 03.07" E Dist 46.6603

Curve Data
Curve TEELWBEXT-1 ... PI N 6,470,689.9169 E ... 1,175,546.7183
Delta 89° 35' 03.07" (RT) ... Tangent 150.0000 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT TEELWBEXT-1 to PC TEELWBEXT-2 is NW 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve TEELWBEXT-2 ... PI N 6,470,752.4909 E ... 1,175,412.7109
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT TEELWBEXT-2 to PC TEELWBEXT-3 is NW 89° 35' 03.07" E Dist 216.1727

Curve Data
Curve TEELWBEXT-3 ... PI N 6,470,865.1006 E ... 1,175,350.0804
Delta 89° 35' 03.07" (RT) ... Tangent 216.1727 ... Chord 306.0000
Degree Curve 18° 43' 39.00" ... Long Chord 306.0000 ... Radius 306.0000
Course from PT TEELWBEXT-3 to TEELWBEXT2 is NW 89° 35' 03.07" E Dist 46.9296
Point TEELWBEXTPOT ... N 6,470,915.4553 E ... 1,175,306.4756 Elev ... 10:40:44

Ending stnnn TEELWBEXT description

LEGACY EB ENTRANCE

Beginning stnnn LEGACYEBENT description
Point LEGACYEBENTPOT ... N 6,474,865.8019 E ... 1,176,571.5752 Elev ... 10:00:00
Course from LEGACYEBENTPOT to PC LEGACYEBENT-1 is NE 89° 35' 03.07" E Dist 261.4293

Curve Data
Curve LEGACYEBENT-1 ... PI N 6,474,865.7021 E ... 1,176,474.2979
Delta 89° 35' 03.07" (RT) ... Tangent 261.4293 ... Chord 369.8000
Degree Curve 15° 30' 00.00" ... Long Chord 369.8000 ... Radius 369.8000
Course from PT LEGACYEBENT-1 to PC LEGACYEBENT-2 is NE 89° 35' 03.07" E Dist 256.7707

Curve Data
Curve LEGACYEBENT-2 ... PI N 6,474,865.1006 E ... 1,176,133.0804
Delta 89° 35' 03.07" (RT) ... Tangent 256.7707 ... Chord 362.9000
Degree Curve 15° 48' 00.00" ... Long Chord 362.9000 ... Radius 362.9000
Course from PT LEGACYEBENT-2 to PC LEGACYEBENT-3 is NE 89° 35' 03.07" E Dist 261.4293

Curve Data
Curve LEGACYEBENT-3 ... PI N 6,474,864.4170 E ... 1,175,455.8983
Delta 89° 35' 03.07" (RT) ... Tangent 261.4293 ... Chord 369.8000
Degree Curve 15° 30' 00.00" ... Long Chord 369.8000 ... Radius 369.8000
Course from PT LEGACYEBENT-3 to LEGACYEBENT2 is NE 89° 35' 03.07" E Dist 177.5576
Point LEGACYEBENTPOT ... N 6,474,944.6170 E ... 1,175,255.5372 Elev ... 10:00:00

Ending stnnn LEGACYEBENT description

LEGACY EB EXIT

Beginning stnnn LEGACYEBEXT description
Point LEGACYEBEXTPOT ... N 6,474,874.3982 E ... 1,175,516.2852

Curve Data
Curve LEGACYEBEXT-1 ... PI N 6,474,869.3744 E ... 1,175,266.8576
Delta 89° 35' 03.07" (RT) ... Tangent 250.0000 ... Chord 353.5534
Degree Curve 16° 05' 22.00" ... Long Chord 353.5534 ... Radius 356.0000
Course from PT LEGACYEBEXT-1 to PC LEGACYEBEXT-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve LEGACYEBEXT-2 ... PI N 6,474,844.6170 E ... 1,175,455.8983
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT LEGACYEBEXT-2 to LEGACYEBEXT2 is NE 89° 35' 03.07" E Dist 177.5576
Point LEGACYEBEXTPOT ... N 6,474,944.6170 E ... 1,175,255.5372 Elev ... 10:00:00

Ending stnnn LEGACYEBEXT description

LEGACY WB ENTRANCE

Beginning stnnn LEGACYWBENT description
Point LEGACYWBENTPOT ... N 6,475,125.4286 E ... 1,175,625.7133

Curve Data
Curve LEGACYWBENT-1 ... PI N 6,475,093.2249 E ... 1,175,616.4407
Delta 89° 35' 03.07" (RT) ... Tangent 150.0000 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT LEGACYWBENT-1 to PC LEGACYWBENT-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve LEGACYWBENT-2 ... PI N 6,475,076.9741 E ... 1,175,464.9136
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT LEGACYWBENT-2 to PC LEGACYWBENT-3 is NE 89° 35' 03.07" E Dist 116.9236
Point LEGACYWBENTPOT ... N 6,475,276.9741 E ... 1,175,464.9136 Elev ... 10:19:44

Ending stnnn LEGACYWBENT description

LEGACY WB EXIT

Beginning stnnn LEGACYWBEXT description
Point LEGACYWBEXTPOT ... N 6,475,231.2961 E ... 1,175,455.1456 Elev ... 10:00:00
Course from PT LEGACYWBEXT-1 to PC LEGACYWBEXT-2 is NW 89° 35' 03.07" E Dist 216.1727

Curve Data
Curve LEGACYWBEXT-1 ... PI N 6,475,231.2961 E ... 1,175,666.1456
Delta 89° 35' 03.07" (RT) ... Tangent 216.1727 ... Chord 306.0000
Degree Curve 18° 43' 39.00" ... Long Chord 306.0000 ... Radius 306.0000
Course from PT LEGACYWBEXT-2 to LEGACYWBEXT2 is NW 89° 35' 03.07" E Dist 116.9115
Point LEGACYWBEXTPOT ... N 6,475,431.2961 E ... 1,175,666.1456 Elev ... 10:40:32

Ending stnnn LEGACYWBEXT description

POTTER SHOP ROAD

Beginning stnnn POTTERSHOP1 description
Point POTTERSHOP1POT ... N 6,475,109.8078 E ... 1,176,571.5752 Elev ... 10:00:00
Course from POTTERSHOP1POT to PC POTTERSHOP1-1 is NE 89° 35' 03.07" E Dist 261.4293

Curve Data
Curve POTTERSHOP1-1 ... PI N 6,475,109.7079 E ... 1,176,749.8252
Delta 89° 35' 03.07" (RT) ... Tangent 261.4293 ... Chord 369.8000
Degree Curve 15° 30' 00.00" ... Long Chord 369.8000 ... Radius 369.8000
Course from PT POTTERSHOP1-1 to PC POTTERSHOP1-2 is NE 89° 35' 03.07" E Dist 256.7707

Curve Data
Curve POTTERSHOP1-2 ... PI N 6,475,109.0080 E ... 1,177,006.5810
Delta 89° 35' 03.07" (RT) ... Tangent 256.7707 ... Chord 362.9000
Degree Curve 15° 48' 00.00" ... Long Chord 362.9000 ... Radius 362.9000
Course from PT POTTERSHOP1-2 to PC POTTERSHOP1-3 is NE 89° 35' 03.07" E Dist 261.4293

Curve Data
Curve POTTERSHOP1-3 ... PI N 6,475,108.3181 E ... 1,177,139.1368
Delta 89° 35' 03.07" (RT) ... Tangent 261.4293 ... Chord 369.8000
Degree Curve 15° 30' 00.00" ... Long Chord 369.8000 ... Radius 369.8000
Course from PT POTTERSHOP1-3 to POTTERSHOP1-4 is NE 89° 35' 03.07" E Dist 177.5576
Point POTTERSHOP1POT ... N 6,475,188.3181 E ... 1,177,318.9268 Elev ... 10:00:00

Ending stnnn POTTERSHOP1 description

FM424/NAYLOR ROAD

Beginning stnnn FM424NAYLOR description
Point FM424NAYLORPOT ... N 6,470,453.4561 E ... 1,175,501.7601 Elev ... 10:00:00
Course from FM424NAYLORPOT to PC FM424NAYLOR-1 is NE 89° 35' 03.07" E Dist 426.5376

Curve Data
Curve FM424NAYLOR-1 ... PI N 6,470,447.7727 E ... 1,175,131.2782
Delta 89° 35' 03.07" (RT) ... Tangent 426.5376 ... Chord 603.0000
Degree Curve 9° 30' 00.00" ... Long Chord 603.0000 ... Radius 603.0000
Course from PT FM424NAYLOR-1 to PC FM424NAYLOR-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve FM424NAYLOR-2 ... PI N 6,470,374.3866 E ... 1,175,456.2376
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT FM424NAYLOR-2 to PC FM424NAYLOR-3 is NE 89° 35' 03.07" E Dist 177.5576
Point FM424NAYLORPOT ... N 6,470,454.4170 E ... 1,175,455.8983 Elev ... 10:00:00

Ending stnnn FM424NAYLOR description

WALMART

Beginning stnnn WALMART description
Point WALMARTPOT ... N 6,470,717.3979 E ... 1,175,243.8828 Elev ... 10:00:00
Course from WALMARTPOT to PC WALMARTPOT-1 is NE 89° 35' 03.07" E Dist 950.5000

Curve Data
Curve WALMARTPOT-1 ... PI N 6,470,717.3979 E ... 1,174,293.3828
Delta 89° 35' 03.07" (RT) ... Tangent 950.5000 ... Chord 1345.0000
Degree Curve 4° 15' 00.00" ... Long Chord 1345.0000 ... Radius 1345.0000

Ending stnnn WALMART description

OAK GROVE LANE/FM720

Beginning stnnn FM720 description
Point FM720POT ... N 6,474,718.5511 E ... 1,171,780.2960 Elev ... 2999:05:00
Course from FM720POT to PC FM720-1 is 41° 46' 34.31" E Dist 726.4326

Curve Data
Curve FM720-1 ... PI N 6,474,745.2141 E ... 1,170,566.7827
Delta 41° 46' 34.31" (RT) ... Tangent 726.4326 ... Chord 1161.0000
Degree Curve 4° 56' 00.00" ... Long Chord 1136.0000 ... Radius 1161.0000
Course from PT FM720-1 to PC LEGACYWEST-3 is 67° 53' 27.99" E Dist 141.4504

Curve Data
Curve LEGACYWEST-3 ... PI N 6,474,753.9677 E ... 1,171,638.8136
Delta 67° 53' 27.99" (RT) ... Tangent 141.4504 ... Chord 200.0000
Degree Curve 28° 39' 00.00" ... Long Chord 188.5000 ... Radius 200.0000
Course from PT LEGACYWEST-3 to LEGACYWEST2 is 0° 07' 33.91" E Dist 406.5316
Point LEGACYWESTPOT ... N 6,475,160.4993 E ... 1,171,646.1098 Elev ... 10:15:06

Ending stnnn LEGACYWEST description

FM424/NAYLOR ROAD

Beginning stnnn FM424NAYLOR description
Point FM424NAYLORPOT ... N 6,470,453.4561 E ... 1,175,501.7601 Elev ... 10:00:00
Course from FM424NAYLORPOT to PC FM424NAYLOR-1 is NE 89° 35' 03.07" E Dist 426.5376

Curve Data
Curve FM424NAYLOR-1 ... PI N 6,470,447.7727 E ... 1,175,131.2782
Delta 89° 35' 03.07" (RT) ... Tangent 426.5376 ... Chord 603.0000
Degree Curve 9° 30' 00.00" ... Long Chord 603.0000 ... Radius 603.0000
Course from PT FM424NAYLOR-1 to PC FM424NAYLOR-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve FM424NAYLOR-2 ... PI N 6,470,374.3866 E ... 1,175,456.2376
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT FM424NAYLOR-2 to PC FM424NAYLOR-3 is NE 89° 35' 03.07" E Dist 177.5576
Point FM424NAYLORPOT ... N 6,470,454.4170 E ... 1,175,455.8983 Elev ... 10:00:00

Ending stnnn FM424NAYLOR description

LEGACY WB ENTRANCE

Beginning stnnn LEGACYWBENT description
Point LEGACYWBENTPOT ... N 6,475,125.4286 E ... 1,175,625.7133

Curve Data
Curve LEGACYWBENT-1 ... PI N 6,475,093.2249 E ... 1,175,616.4407
Delta 89° 35' 03.07" (RT) ... Tangent 150.0000 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT LEGACYWBENT-1 to PC LEGACYWBENT-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve LEGACYWBENT-2 ... PI N 6,475,076.9741 E ... 1,175,464.9136
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT LEGACYWBENT-2 to PC LEGACYWBENT-3 is NE 89° 35' 03.07" E Dist 116.9236
Point LEGACYWBENTPOT ... N 6,475,276.9741 E ... 1,175,464.9136 Elev ... 10:19:44

Ending stnnn LEGACYWBENT description

LEGACY WB EXIT

Beginning stnnn LEGACYWBEXT description
Point LEGACYWBEXTPOT ... N 6,475,231.2961 E ... 1,175,455.1456 Elev ... 10:00:00
Course from PT LEGACYWBEXT-1 to PC LEGACYWBEXT-2 is NW 89° 35' 03.07" E Dist 216.1727

Curve Data
Curve LEGACYWBEXT-1 ... PI N 6,475,231.2961 E ... 1,175,666.1456
Delta 89° 35' 03.07" (RT) ... Tangent 216.1727 ... Chord 306.0000
Degree Curve 18° 43' 39.00" ... Long Chord 306.0000 ... Radius 306.0000
Course from PT LEGACYWBEXT-2 to LEGACYWBEXT2 is NW 89° 35' 03.07" E Dist 116.9115
Point LEGACYWBEXTPOT ... N 6,475,431.2961 E ... 1,175,666.1456 Elev ... 10:40:32

Ending stnnn LEGACYWBEXT description

CROSS STREET CURVE DATA

FM2931

Beginning stnnn FM2931 description
Point FM2931POT ... N 6,470,453.4561 E ... 1,175,512.7503 Elev ... 10:00:00
Course from FM2931POT to PC FM2931-1 is N 01° 52.29" E Dist 4586.9968
Point FM2931EOT ... N 6,475,040.2993 E ... 1,175,593.5222 Elev ... 10:04:44.80

Ending stnnn FM2931 description

PROVIDENCE BLVD

Beginning stnnn PROVIDENCE description
Point PROVIDENCEPOT ... N 6,470,465.8303 E ... 1,175,501.1958 Elev ... 10:00:00
Course from PROVIDENCEPOT to PC PROVIDENCE-1 is NE 89° 35' 03.07" E Dist 426.5376
Point PROVIDENCEEOT ... N 6,470,461.0288 E ... 1,175,927.6762 Elev ... 10:11:15

Ending stnnn PROVIDENCE description

PALOMA CREEK BLVD

Beginning stnnn PALOMA description
Point PALOMAPOT ... N 6,470,456.7176 E ... 1,175,501.7502 Elev ... 10:00:00
Course from PALOMAPOT to PC PALOMA-1 is NE 89° 35' 03.07" E Dist 1,065.9440

Curve Data
Curve PALOMA-1 ... PI N 6,470,445.7351 E ... 1,175,510.7838
Delta 89° 35' 03.07" (RT) ... Tangent 1,065.9440 ... Chord 1508.0000
Degree Curve 3° 48' 00.00" ... Long Chord 1508.0000 ... Radius 1508.0000
Course from PT PALOMA-1 to PC PALOMA-2 is NE 89° 35' 03.07" E Dist 426.5376

Curve Data
Curve PALOMA-2 ... PI N 6,470,440.7112 E ... 1,175,084.2462
Delta 89° 35' 03.07" (RT) ... Tangent 426.5376 ... Chord 603.0000
Degree Curve 9° 30' 00.00" ... Long Chord 603.0000 ... Radius 603.0000
Course from PT PALOMA-2 to PC PALOMA-3 is NE 89° 35' 03.07" E Dist 177.5576
Point PALOMAPOT ... N 6,470,520.7112 E ... 1,175,062.9262 Elev ... 10:00:00

Ending stnnn PALOMA description

NAVO ROAD

Beginning stnnn NAVO description
Point NAVOPOT ... N 6,470,453.4561 E ... 1,175,501.7601 Elev ... 10:00:00
Course from NAVOPOT to PC NAVO-1 is NE 89° 35' 03.07" E Dist 426.5376

Curve Data
Curve NAVO-1 ... PI N 6,470,447.7727 E ... 1,175,131.2782
Delta 89° 35' 03.07" (RT) ... Tangent 426.5376 ... Chord 603.0000
Degree Curve 9° 30' 00.00" ... Long Chord 603.0000 ... Radius 603.0000
Course from PT NAVO-1 to PC NAVO-2 is NE 89° 35' 03.07" E Dist 150.3903

Curve Data
Curve NAVO-2 ... PI N 6,470,374.3866 E ... 1,175,456.2376
Delta 90° 00' 00.00" (RT) ... Tangent 150.3903 ... Chord 212.1320
Degree Curve 15° 00' 00.00" ... Long Chord 212.1320 ... Radius 382.0000
Course from PT NAVO-2 to PC NAVO-3 is NE 89° 35' 03.07" E Dist 177.5576
Point NAVOEOT ... N 6,470,454.4170 E ... 1,175,455.8983 Elev ... 10:00:00

Ending stnnn NAVO description

MAGNOLIA BLVD

Beginning stnnn MAGNOLIA description
Point MAGNOLIAPOT ... N 6,470,453.4561 E ... 1,175,501.7601 Elev ... 10:00:00
Course from MAGNOLIAPOT to MAGNOLIA02 is 2° 28' 25.76" E Dist 323.0525
Point MAGNOLIA02 ... N 6,470,776.1489 E ... 1,175,455.3222 Elev ... 10:05:35

Ending stnnn MAGNOLIA description

GARDENIA BLVD

Beginning stnnn GARDENIA description
Point GARDENIAPOT ... N 6,470,453.4561 E ... 1,175,501.7601 Elev ... 10:00:00
Course from GARDENIAPOT to PC GARDENIA-1 is NE 89° 35' 03.07" E Dist 426.5376
Point GARDENIAEOT ... N 6,470,451.1788 E ... 1,175,928.2977 Elev ... 10:00:00

Ending stnnn GARDENIA description

DOGWOOD TRAIL

Beginning stnnn DOGWOOD description
Point DOGWOODPOT ... N 6,470,453.4561 E ... 1,175,501.7601 Elev ... 10:00:00
Course from DOGWOODPOT to PC DOGWOOD-1 is NE 89° 35' 03.07" E Dist 426.5376
Point DOGWOODEOT ... N 6,470,572.5078 E ... 1,175,970.4779 Elev ... 10:05:28

Ending stnnn DOGWOOD description

FM1385

Beginning stnnn FM1385 description
Point FM1385POT ... N 6,470,453.4561 E ... 1,175,512.7503 Elev ... 10:00:00
Course from FM1385POT to PC FM1385-1 is N 01° 52.29" E Dist 4586.9968

Curve Data
Curve FM1385-1 ... PI N 6,474,786.9774 E ... 1,132,071.0101
Delta 1° 52' 29.00" (RT) ... Tangent 4586.9968 ... Chord 9173.9936
Degree Curve 0° 37' 30.00" ... Long Chord 9173.9936 ... Radius 9173.9936
Course from PT FM1385-1 to PC FM1385-2 is N 01° 52.29" E Dist 4586.9968
Point FM1385EOT ... N 6,479,373.9742 E ... 1,132,151.0101 Elev ... 10:04:44.80

Ending stnnn FM1385 description

DOE CREEK ROAD

Beginning stnnn DOECREEK description
Point DOECREEKPOT ... N 6,470,453.4561 E ... 1,175,501.7601 Elev ... 10:00:00
Course from DOECREEKPOT to DOECREEK2 is N 01° 52.29" E Dist 2155.5093
Point DOECREEKEOT ... N 6,472,140.5077 E ... 1,175,576.7659 Elev ... 10:05:30

Ending stnnn DOECREEK description

GEE ROAD/FM423

Beginning stnnn FM423 description
Point FM423POT ... N 6,466,170.4324 E ... 1,175,170.4759 Elev ... 2105:00
Course from FM423POT to PC FM423-1 is 0° 00' 39.88" E Dist 1,104.7063

Curve Data
Curve FM423-1 ... PI N 6,466,160.8073 E ... 1,170,910.1695
Delta 0° 00' 39.88" (RT) ... Tangent 1,104.7063 ... Chord 2209.4000
Degree Curve 2° 35' 00.00" ... Long Chord 2209.4000 ... Radius 2209.4000
Course from PT FM423-1 to PC FM423-2 is 0° 01' 56.51" E Dist 175.8580

Curve Data
Curve FM423-2 ... PI N 6,464,184.4803 E ... 1,170,905.5516
Delta 0° 01' 56.51" (RT) ... Tangent 175.8580 ... Chord 351.7000
Degree Curve 1° 37' 00.00" ... Long Chord 351.7000 ... Radius 351.7000
Course from PT FM423-2 to PC FM423-3 is 0° 01' 56.51" E Dist 676.4704
Point FM423EOT ... N 6,463,982.2327 E ... 1,170,731.1870 Elev ... 10:48:34

Ending stnnn FM423 description

WINDSONG PKWY-NB

Beginning stnnn WINDSONGNB description
Point WINDSONGNBPOT ... N 6,466,170.4324 E ... 1,175,170.4759 Elev ... 10:00:00
Course from WINDSONGNBPOT to WINDSONGNB02 is 0° 00' 39.88" E Dist 1,104.7063

Curve Data
Curve WINDSONGNB-1 ... PI N 6,466,160.8073 E ... 1,170,910.1695
Delta 0° 00' 39.88" (RT) ... Tangent 1,104.7063 ... Chord 2209.4000
Degree Curve 2° 35' 00.00" ... Long Chord 2209.4000 ... Radius 2209.4000
Course from PT WINDSONGNB-1 to PC WINDSONGNB-2 is 0° 01' 56.51" E Dist 67.1422
Point WINDSONGNBEOT ... N 6,465,915.1960 E ... 1,170,895.5910 Elev ... 10:05:59

Ending stnnn WINDSONGNB description

WINDSONG PKWY-SB

Beginning stnnn WINDSONGSB description
Point WINDSONGSBPOT ... N 6,466,516.1703 E ... 1,175,434.5695 Elev ... 10:00:00
Course from WINDSONGSBPOT to PC WINDSONGSB-1 is 0° 00' 39.88" E Dist 1,104.7063

Curve Data
Curve WINDSONGSB-1 ... PI N 6,466,506.5456 E ... 1,170,174.9759
Delta 0° 00' 39.88" (RT) ... Tangent 1,104.7063 ... Chord 2209.4000
Degree Curve 2° 35' 00.00" ... Long Chord 2209.4000 ... Radius 2209.4000
Course from PT WINDSONGSB-1 to PC WINDSONGSB-2 is 0° 01' 56.51" E Dist 67.1422
Point WINDSONGSBEOT ... N 6,466,315.1960 E ... 1,170,159.3910 Elev ... 10:04:45

Ending stnnn WINDSONGSB description

HOLLYHOCK ROAD

Beginning stnnn HOLLYHOCK description
Point HOLLYHOCKPOT ... N 6,466,170.4324 E ... 1,175,170.4759 Elev ... 10:00:00
Course from HOLLYHOCKPOT to HOLLYHOCK2 is NE 89° 35' 03.07" E Dist 212.6250
Point HOLLYHOCK2 ... N 6,466,169.2998 E ... 1,175,382.9009 Elev ... 10:03:33

Ending stnnn HOLLYHOCK description

TEEL PKWY

Beginning stnnn TEEL description
Point TEELPOT ... N 6,470,170.7478 E ... 1,175,205.2971 Elev ... 10:00:00
Course from TEELPOT to PC TEEL-1 is 90° 00' 00.00" E Dist 1,104.7063

Curve Data
Curve TEEL-1 ... PI N 6,470,170.7478 E ... 1,176,309.7034
Delta 90° 00' 00.00" (RT) ... Tangent 1,104.7063 ... Chord 1561.7000
Degree Curve 3° 40' 00.00" ... Long Chord 1561.7000 ... Radius 1561.7000
Course from PT TEEL-1 to PC TEEL-2 is 90° 00' 00.00" E Dist 1,104.7063
Point TEELEOT ... N 6,470,170.7478 E ... 1,177,414.4097 Elev ... 10:00:00

Ending stnnn TEEL description

LEGACY DRIVE

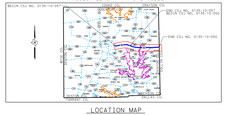
Beginning stnnn LEGACY description
Point LEGACYPOT ... N 6,474,796.7907 E ... 1,175,474.3969
Course from LEGACYPOT to PC LEGACY-1 is N 01° 52.29" E Dist 4586.9968

Curve Data
Curve LEGACY-1 ... PI N 6,474,796.7907 E ... 1,132,601.2363
Delta 1° 52' 29.00" (RT) ... Tangent 4586.9968 ... Chord 9173.9936
Degree Curve 0° 37' 30.00" ... Long Chord 9173.9936 ... Radius 9173.9936
Course from PT LEGACY-1 to PC LEGACY-2 is N 01° 52.29" E Dist 4586.9968
Point LEGACYEOT ... N 6,479,383.7875 E ... 1,132,681.2363 Elev ... 10:04:44.80

Ending stnnn LEGACY description

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY
CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377
CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26
DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 30 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH
2020 2040
AVERAGE DAILY TRAFFIC + (OPENING) (2D-TR)
49750 74850
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL
DESIGN SCHEMATIC

INDEX OF SHEETS:
ROLL 1: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - FM1385 TO WEST OF TEEL PKWY- STA 945+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS
PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.
HORZ SCALE 1"=200'
200 0 200
100% SUBMITTAL
PREPARED BY AECOM
UNDER THE SUPERVISION OF:
RAJESH JANARTHANAN, P.E

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER

US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (2D-TR)	
49750	74850

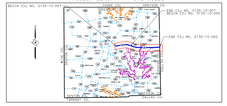
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 1: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO - STA 435+00 TO STA 535+00
WEST OF ROCKHILL RD
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - EAST OF FM1385 TO WEST OF TEEL PKWY TO STA1045+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

HORZ SCALE 1"=200'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 13 OF 15

Texas Department of Transportation
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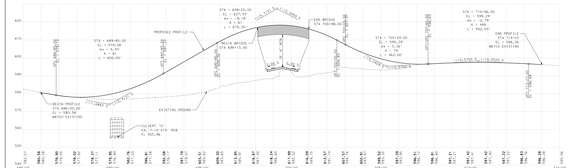
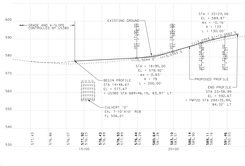
AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY, SUITE 6000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

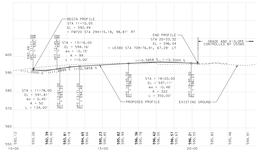
US380 PROFILE @ FM720 INTERSECTION



US380 WB ENTRANCE RAMP PROFILE @ FM720 INTERSECTION



US380 WB EXIT RAMP PROFILE @ FM720 INTERSECTION



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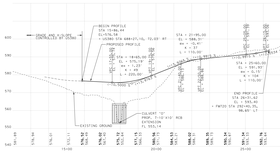

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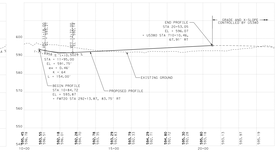
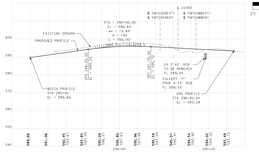
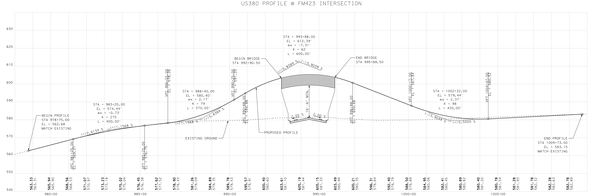


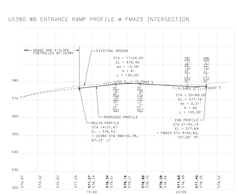
FM720 INTERSECTION (40mph)



US380 PROFILE @ FM423 INTERSECTION



US380 WB ENTRANCE RAMP PROFILE @ FM423 INTERSECTION



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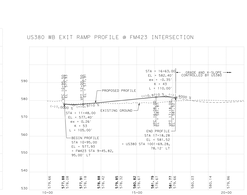

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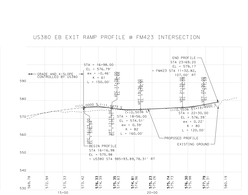
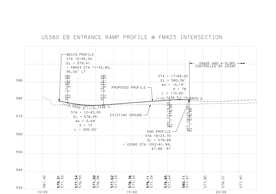
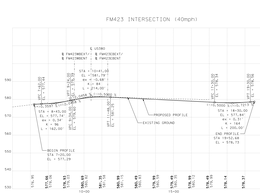


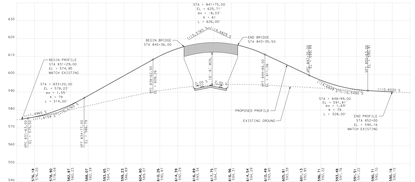
US380 EB ENTRANCE RAMP PROFILE @ FM423 INTERSECTION



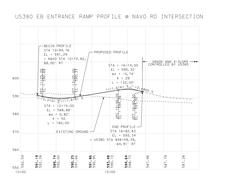
FM423 INTERSECTION (40mph)



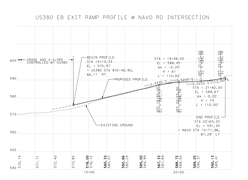
US380 PROFILE @ NAVO RD INTERSECTION



US380 EB ENTRANCE RAMP PROFILE @ NAVO RD INTERSECTION



US380 EB EXIT RAMP PROFILE @ NAVO RD INTERSECTION



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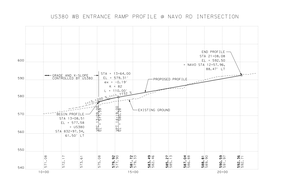

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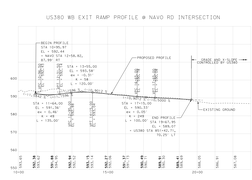
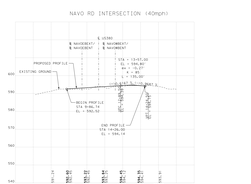


NAVO RD INTERSECTION (40mph)



HORZ SCALE 1"=100'
VERT SCALE 1"=10'

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

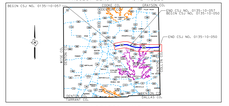
2020 AVERAGE DAILY TRAFFIC = (OPENING) (2D-TR) 49750
2040 74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:
ROLL 1: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO - STA 435+00 TO STA 535+00
WEST OF ROCKHILL RD
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7: PLAN - EAST OF FM1385 TO WEST OF TEEL PKWY TO STA1045+00 TO STA1045+00
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9: TYPICAL SECTIONS - CROSS STREETS
ROLL 10: TYPICAL SECTIONS - CROSS STREETS
ROLL 11: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

HORZ SCALE 1"=200'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 13 OF 15

Texas Department of Transportation
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AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY, SUITE 6000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER

US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

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US 380 FRONTAGE ROADS = 35 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC = (OPENING) (2D-TR)	
49750	74850

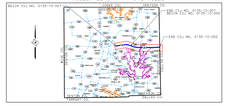
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 2i: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2i: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3i: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4i: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5i: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
ROLL 6i: PLAN - NAVO RD TO FM1385- STA 845+00 TO STA 945+00
ROLL 7i: PLAN - FM1385 TO WEST OF CR26- STA 945+00 TO STA1045+00
ROLL 8i: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
ROLL 9i: TYPICAL SECTIONS - CROSS STREETS
ROLL 10i: TYPICAL SECTIONS - CROSS STREETS
ROLL 11i: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12i: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13i: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14i: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15i: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 14 OF 15

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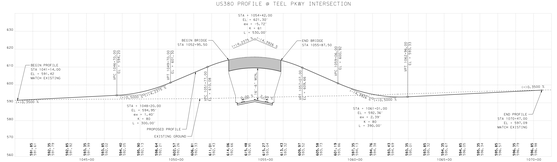
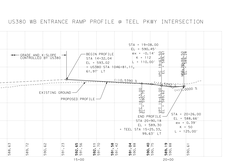
AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY, SUITE 6000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

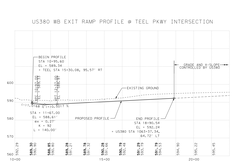
US380 PROFILE @ TEEL PKWY INTERSECTION



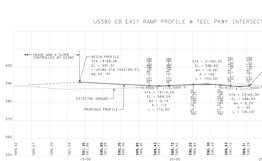
US380 WB ENTRANCE RAMP PROFILE @ TEEL PKWY INTERSECTION



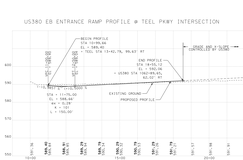
US380 WB EXIT RAMP PROFILE @ TEEL PKWY INTERSECTION



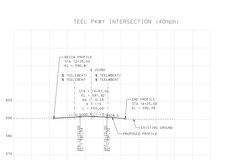
US380 EB EXIT RAMP PROFILE @ TEEL PKWY INTERSECTION



US380 EB ENTRANCE RAMP PROFILE @ TEEL PKWY INTERSECTION

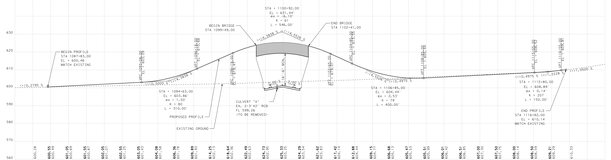


TEEL PKWY INTERSECTION (40mph)

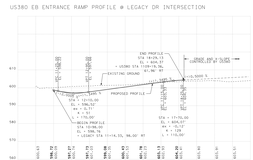


HORZ SCALE: 1"=100'
VERT SCALE: 1"=10'

US380 PROFILE @ LEGACY DR INTERSECTION



US380 EB ENTRANCE RAMP PROFILE @ LEGACY DR INTERSECTION



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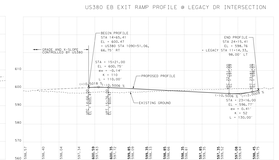
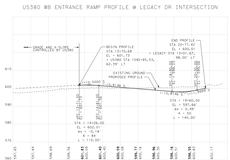
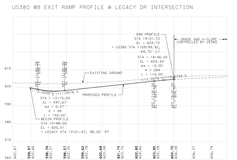


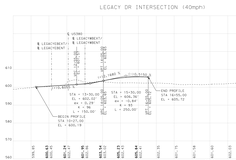
US380 WB ENTRANCE RAMP PROFILE @ LEGACY DR INTERSECTION



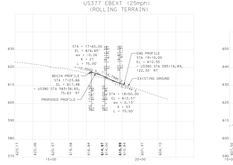
US380 WB EXIT RAMP PROFILE @ LEGACY DR INTERSECTION



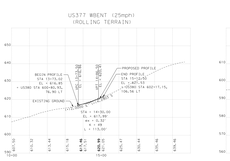
LEGACY DR INTERSECTION (40mph)



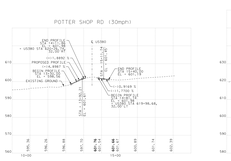
US377 EBEXT (25mph)
(ROLLING TERRAIN)



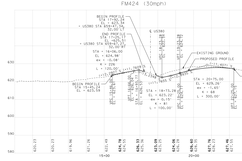
US377 WBENT (25mph)
(ROLLING TERRAIN)



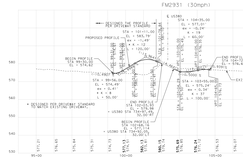
POTTER SHOP RD (30mph)



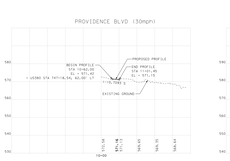
FM424 (30mph)



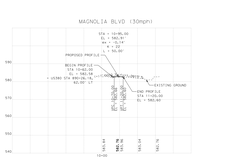
FM2931 (30mph)



PROVIDENCE BLVD (30mph)



MAGNOLIA BLVD (30mph)



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DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER

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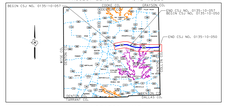
ROLL 9i: TYPICAL SECTIONS - CROSS STREETS
ROLL 10i: TYPICAL SECTIONS - CROSS STREETS
ROLL 11i: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 12i: HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
ROLL 13i: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 14i: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15i: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)

DATE SUBMITTED
4/21/2017

DATE APPROVED

DATE REVISED

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 14 OF 15

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AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY, SUITE 6000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
FROM LOOP 288 TO US 377

CSJ NO. 0135-10-050
FROM US 377 TO WEST OF CR 26

DESIGN SPEED
US 380 MAINLANES = 45 MPH
US 377 MAINLANES = 50 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

2020	2040
AVERAGE DAILY TRAFFIC + (OPENING) (2D-TR)	
49750	74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

ROLL 1: PLAN - LOOP 288 TO EAST OF LAKEVIEW BLVD- STA 344+25 TO STA 435+00
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
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ROLL 7: PLAN - FM1385 TO WEST OF TEEL PKWY- STA 945+00 TO STA1045+00
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ROLL 15: PROFILES - CROSS STREETS

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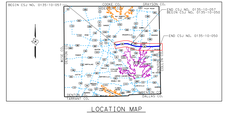

LOCATION MAP
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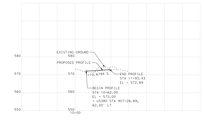
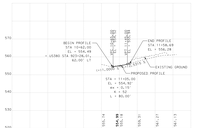
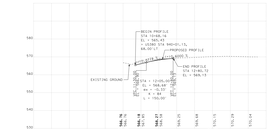
GARDENIA BLVD (30mph)



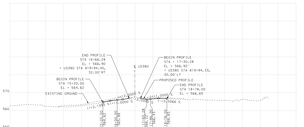
DOGWOOD TRAIL (30mph)



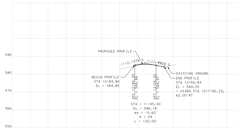
FM1385 (40mph)



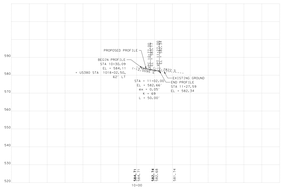
PALOMA CREEK BLVD (40mph)



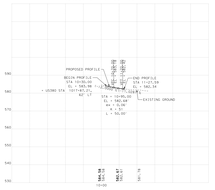
HOLLYHOCK RD (35mph)



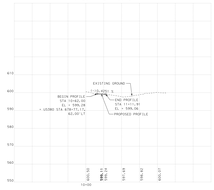
WINDSONG PKWY NB (35 mph)



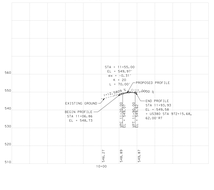
WINDSONG PKWY SB (35mph)



WALMART DR (30mph)



DOE CREEK RD (30mph)



HORZ SCALE: 1"=100'



VERT SCALE: 1"=20'



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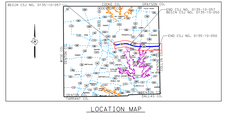

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