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 TELL PKWY- STA 945+00 TO STA1045+00
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ROLL 11i HORIZONTAL ALIGNMENT DATA - MAIN LANES, RAMPS & CROSS STREETS
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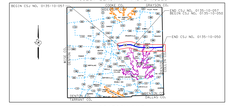
ROLL 14i PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15i PROFILES - CROSS STREETS

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 SIDEWALK
- PROPOSED CONCRETE BARRIER (SINGLE/DOUBLE)
- PROPOSED PAVEMENT (DEPTH/WIDTH)
- PROPOSED ASPHALT PVMT.
- 100 YR FLOODPLAIN
- PROPOSED RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING ROAD
- EXISTING CL OF TXDOT
- PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED DRAINAGE EASEMENT
- PROPOSED TYPE C(RECTAL RAIL)
- EXISTING 100 YEAR FLOODPLAIN
- EXISTING 25 YEAR WATER LINE
- PROPOSED WWSP
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE REMOVAL
- CHAIN LINK FENCE
- PEDESTRIAN RAIL
- SINGLE GUARD RAIL TERMINAL
- TAPER
- PROPOSED LANE DIRECTIONAL MARKINGS
- EXISTING TRAFFIC SIGNAL

HORZ SCALE 1"=100'
100 0 100 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

ROLL 1 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation
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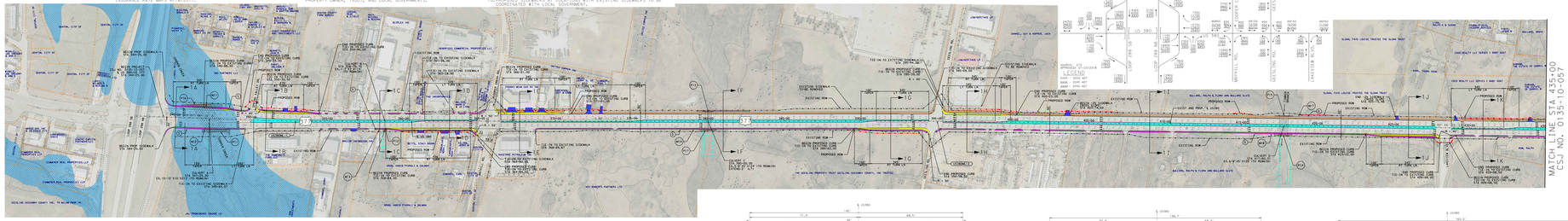
AECOM

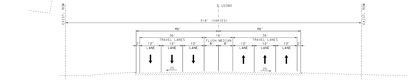
AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
WWW.AECOM.COM
TBPE REG. NO. F-3580

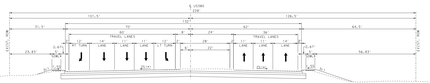
NOTES:
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL PHOTOGRAPHY AND EXISTING CONSTRUCTION PLANS.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE FINAL DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 4846500315G.
4. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON CAD AND COLLIN CAD WEBSITES.
5. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
6. PROPOSED DRIVEWAYS WILL BE DETERMINED IN COORDINATION WITH THE PROPERTY OWNER, TXDOT, AND LOCAL GOVERNMENTS.
7. CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE.
8. ALL EXISTING DRIVEWAYS ARE DIAGRAMMATIC AND NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
9. ALL UTILITIES WILL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
10. PROPOSED SIDEWALKS AT LOCATIONS WITH EXISTING SIDEWALKS TO BE COORDINATED WITH LOCAL GOVERNMENTS.

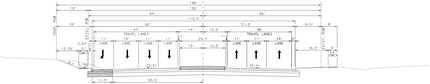


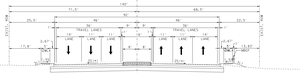


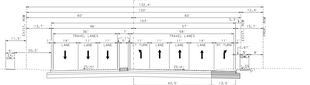


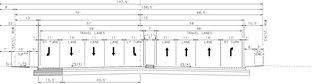


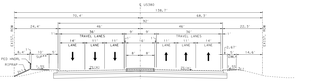


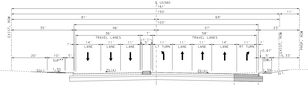


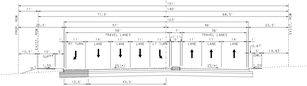


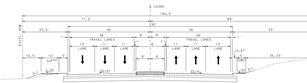


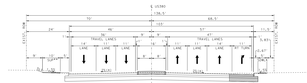


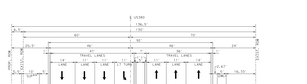












* WIDENING TO MATCH EXISTING CROSS SLOPE
** FUTURE 10' SUP (BY OTHERS)

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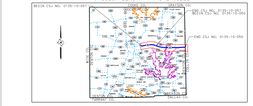

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- TAPER
- PROPOSED LANE DIRECTIONAL MARKINGS
- EXISTING TRAFFIC SIGNAL

HORZ SCALE 1"=100'
100 0 100 200

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

ROLL 1 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation
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AECOM

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
DALLAS DISTRICT

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

US 380 DESIGN SCHEMATIC, DENTON COUNTY

CSJ NO. 0135-10-057
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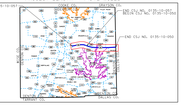
PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

LEGEND:
- PROPOSED MAINLANES
- PROPOSED BRIDGES
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- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED SIDEWALK
- PROPOSED RETAINING WALL (SEPARATE SHEETS)
- PROPOSED PAVEMENT (DESIGNATED PAVING PVMT.)
- 100 YR FLOODPLAIN
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING ROAD
- EXISTING CENTER LINE
- PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED PERMANENT EASEMENT
- PROPOSED TYPE SW402TR RAIL
- TYP. 70' WATER LINE
- PROPOSED WBGF
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE RIPRAP
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- PROPOSED LANE DIRECTIONAL MARKING
- EXISTING TRAFFIC SIGNAL

HORZ SCALE 1"=100'

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ROLL 2 OF 15

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CSJ NO. 0135-10-057
MATCH LINE STA 435+00

MATCH LINE STA 535+00
CSJ NO. 0135-10-057

NOTES:
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEY INFORMATION DATED 09/2015 AND RECORD PLANS.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PH&E
3. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 4/18/2012.
4. RIGHT-OF-WAY SHOWN ON THIS SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT 12/16/2015.
5. ADA RAMPS AND SIDEWALKS ARE SCHEMATIC ONLY AND WILL BE DESIGNED DURING THE PS&E PHASE OF THE PROJECT.
6. EXISTING DRIVEWAYS WILL BE DETERMINED IN COORDINATION WITH THE PROPERTY OWNER, TXDOT, AND LOCAL GOVERNMENTS.
7. ALL DRIVEWAYS WILL BE DESIGNED TO MEET TXDOT STANDARDS.
8. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) IS NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
9. ALL UTILITIES SHOWN WILL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION.
10. PROPOSED SIDEWALKS AT LOCATIONS WITH EXISTING SIDEWALKS TO BE COORDINATED WITH LOCAL GOVERNMENTS.

LEGEND
- 1999 - 2000 ADT
- 2001 - 2005 ADT
- 2006 - 2009 ADT

SOURCE: TXDOT
INFORMATION AS OF 2015

US 380

SECTION 2A

SECTION 2B

SECTION 2C

SECTION 2D

SECTION 2E

SECTION 2F

SECTION 2G

SECTION 2H

SECTION 2I

SECTIONS 2J, 2L

SECTIONS 2K, 2M

EXISTING TYPICAL SECTION STA 435+00 TO STA 474+30

EXISTING TYPICAL SECTION STA 474+30 TO 535+00

* WIDENING TO MATCH EXISTING CROSS SLOPE
** FUTURE 10' TWP SBR BY(MPO)

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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- STA1045+00 TO STA1215+50
ROLL 8: PLAN - WEST OF TEEL PKWY TO WEST OF CR26- STA1045+00 TO STA1121+50
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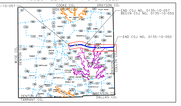
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

LEGEND:
- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED CROSS STREETS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT (RIGID)
- PROPOSED PAVEMENT (OPTIONAL)
- 100 YR FLOODPLAIN
- 500 YR FLOODPLAIN
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING ROAD
- EXISTING EDGE OF TRAVEL
- PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- PROPOSED TYPE SW8CRTC RAIL
- TCEQ 75' WATER LINE
- PROPOSED WMP
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE REMOVAL
- PROPOSED CHAIN LINK FENCE
- PEDESTRIAN RAIL
- SINGLE GUARD RAIL TERMINAL
- TAPER
- PROPOSED LANE DIRECTIONAL ARROW
- EXISTING TRAFFIC SIGNAL

HORZ SCALE 1"=100'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

ROLL 3 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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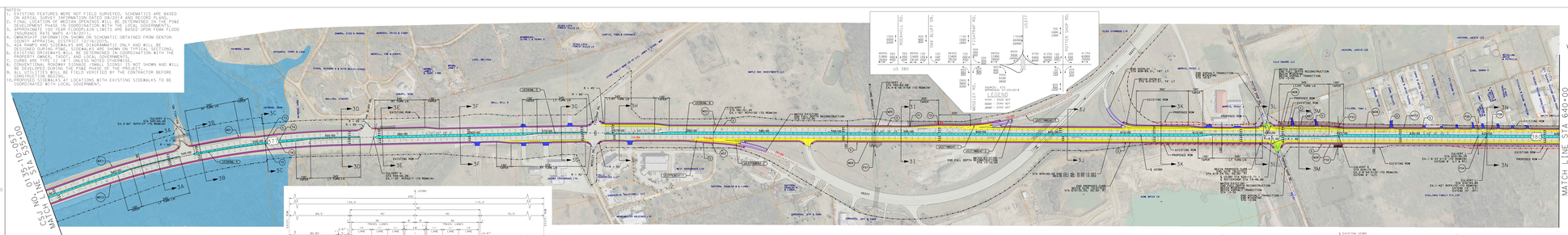
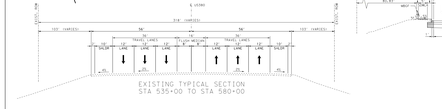
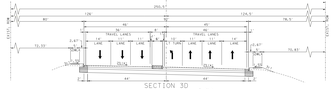
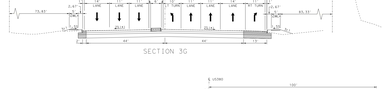
AECOM TECHNICAL SERVICES, INC.
1900 N. STEMMONS FWY., SUITE 4000
DALLAS, TEXAS 75207
PHONE: (214) 638-0145
TBPE REG. NO. F-3580

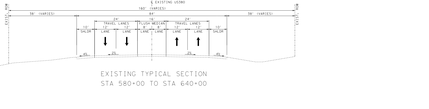
NOTES:
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL MAPPING AND EXISTING CONSTRUCTION PLANS AVAILABLE.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. ENVIRONMENTAL IMPACTS WITHIN LIMITS ARE BASED UPON ITEM FLOOD INSURANCE RATE MAPS 4/15/2011.
4. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON CAD TAXABLE PARCEL DATA 2016.
5. ROW SHOWN ON SCHEMATIC IS PRELIMINARY ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
6. EXISTING DRIVEWAYS WILL BE DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENTS DURING PS&E.
7. CURBS ARE TYPICALLY SHOWN AT 6" UNLESS OTHERWISE NOTED.
8. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) IS NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
9. ALL UTILITIES TO BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION.
10. PROPOSED SIDEWALKS AT LOCATIONS WITH EXISTING SIDEWALKS TO BE COORDINATED WITH LOCAL GOVERNMENTS.

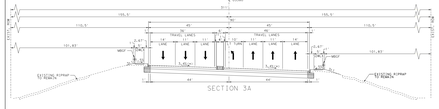


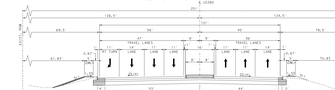


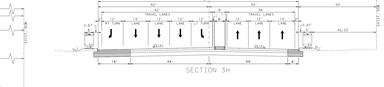




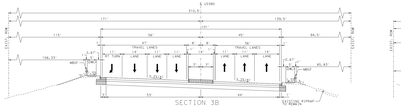


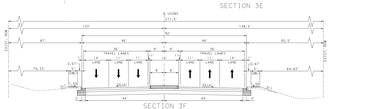


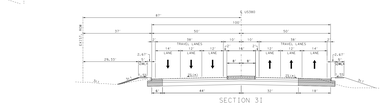


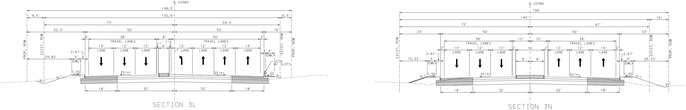












* REFERENCE TO MATCH EXISTING CROSS SLOPE

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
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

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

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

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PROJECT LENGTH = 14.72 MILES

LOCATION MAP
N.T.S.

HORZ SCALE 1"=100'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

ROLL 3 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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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) (20-YR)	
49750	74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

INDEX OF SHEETS:

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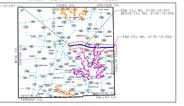
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

LEGEND:
- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED SIDEWALK
- PROPOSED RAMP (BY OTHERS)
- PROPOSED PAVEMENT (GEOGRIDTEX) (FLEXIBLE ASPHALT PAVE)
- 100 YR FLOODPLAIN
- PROPOSED RETAINING WALL
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING ROAD
- EXISTING C/L TYPE
- PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING CHAIN LINK FENCE
- EXISTING C/L TO C/L WATER LINE
- PROPOSED WBGF
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- PAVEMENT REMOVAL
- CONCRETE PAVEMENT
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- PEDESTRIAN RAIL
- SINGLE GUARD RAIL TERMINAL
- TAPER
- PROPOSED LANE DIRECTIONAL CONTROL
- EXISTING TRAFFIC SIGNAL

HORZ SCALE 1"=100'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
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DATE REVISED
4/4/2018

ROLL 4 OF 15

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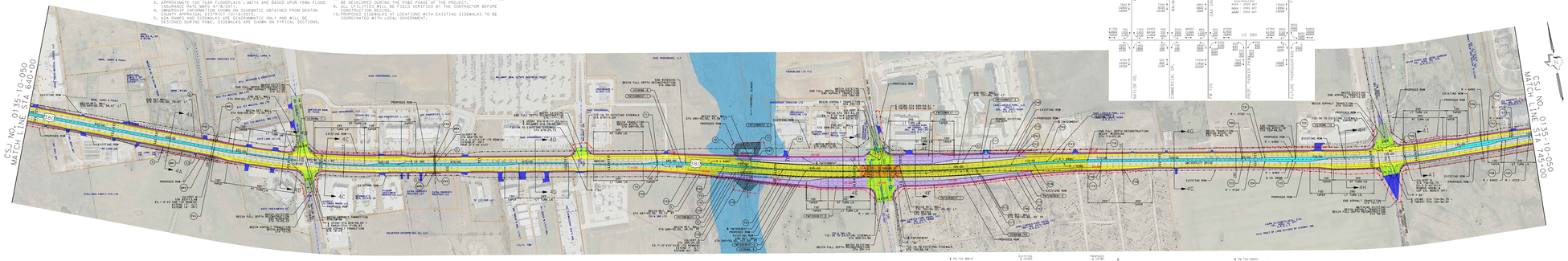
AECOM

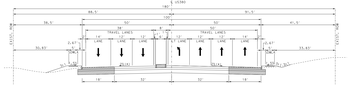
AECOM TECHNICAL SERVICES, INC.
1950 N. STEMMONS FWY., SUITE 6000
DALLAS, TEXAS 75207
PHONE: 214.638.0145
TBPE REG. NO. F-3580

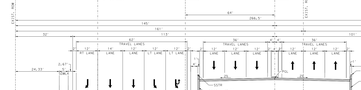
NOTES:
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL PHOTOGRAPHY, EXISTING PLANS AND FIELD OBSERVATIONS.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. IMPROVEMENTS TO YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS.
4. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (5/14/2015).
5. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE REFINED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
6. EXISTING DRIVEWAYS WILL BE DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENTS DURING THE PS&E DEVELOPMENT PHASE.
7. CURVE AND TYPE (I.E. 1-1/4") UNLESS NOTED OTHERWISE.
8. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) IS NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
9. ALL UTILITIES WILL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION.
10. PROPOSED SIDEWALKS AT LOCATIONS WITH EXISTING SIDEWALKS TO BE COORDINATED WITH LOCAL GOVERNMENT.

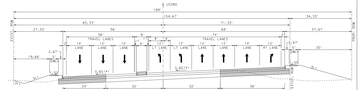


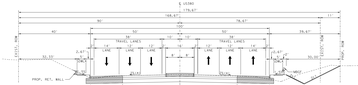




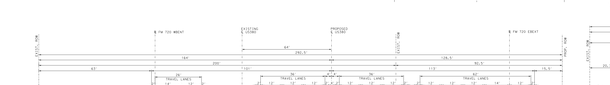


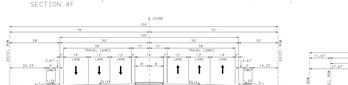


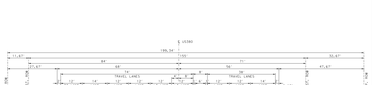












* BENCHING TO MATCH EXISTING CROSS SLOPE

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) (20-YR)	
49750	74850

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

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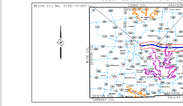

LOCATION MAP
N.T.S.

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- PROPOSED LANE DIRECTIONAL CONTROL
- EXISTING TRAFFIC SIGNAL

HORZ SCALE 1"=100'

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

ROLL 4 OF 15

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AECOM

AECOM TECHNICAL SERVICES, INC.
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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 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
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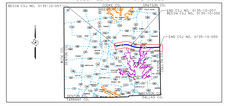
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

PROJECT LENGTH = 14.72 MILES



LOCATION MAP

LEGEND:

- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT (CONCRETE)
- PROPOSED PAVEMENT (ASPHALT PVMT)
- 100 YR FLOODPLAIN
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- EXISTING ROAD
- EXISTING R.O.W. LINE
- PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED DRAINAGE EASEMENT
- PROPOSED TYPE CONCRETE RAIL
- EXISTING TEL. 72" WATER LINE
- PROPOSED MBGF
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- DRIVEWAY REMOVAL
- CONCRETE PAVEMENT REMOVAL
- PEDESTRIAN RAIL FENCE
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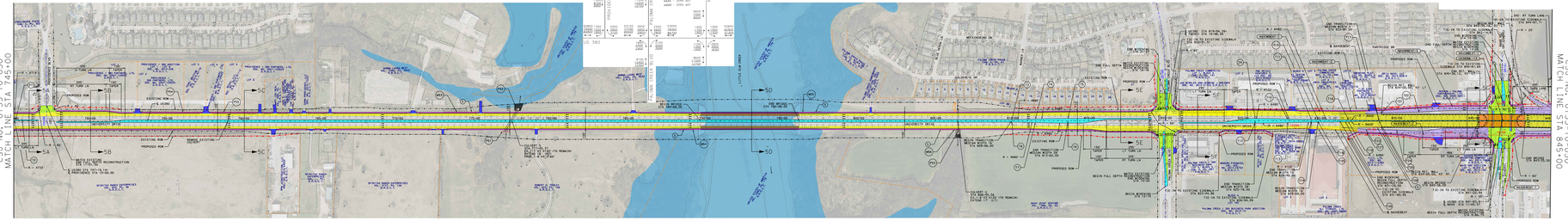
CSJ NO.: 0135-10-050
CSJ NO.: 0135-10-057
MAIN LANES
STA 745+00
STA 845+00
SCHEMATIC NO. 2
DATE: 03/29/2018
LEGEND
PEAK HOUR VOLUMES
AM - 2020 VOLUMES
AM - 2040 VOLUMES
PM - 2020 VOLUMES
PM - 2040 VOLUMES
US 380
LITTLE ELM
DENTON COUNTY
COLLIN COUNTY
PROPOSED 10' SHARED USE PATH
PROPOSED 8' SIDEWALK
PROPOSED 6' SIDEWALK
PROPOSED 5' SIDEWALK
PROPOSED 4' SIDEWALK
PROPOSED 3' SIDEWALK
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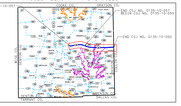
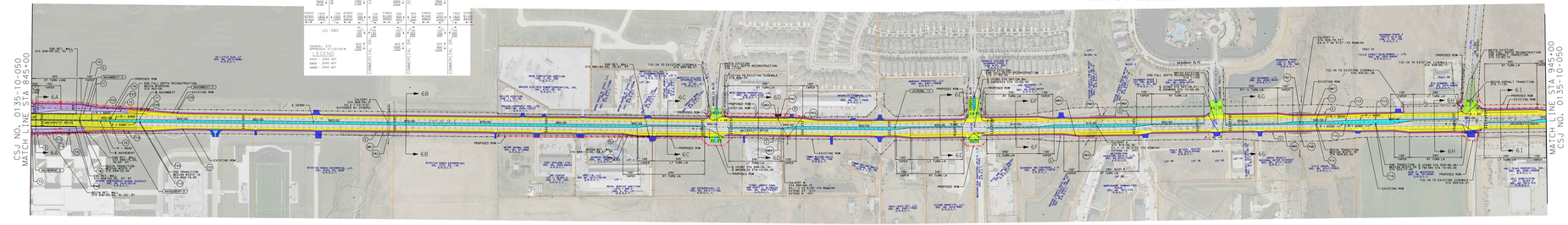
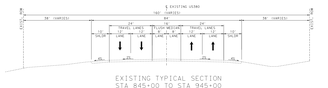
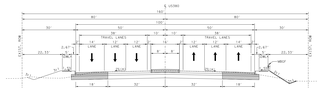


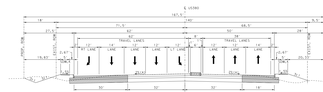
LOCATION MAP

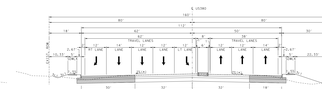
NOTES:
1. EXISTING FEATURES WERE NOT FIELD SURVEYED, SCHEMATICS ARE BASED ON AERIAL SURVEY INFORMATION DATED 08/2014 AND RECORD PLANS.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PSE&L PHASE OF THE PROJECT BASED ON TRAFFIC STUDIES AND ENGINEERING.
3. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 4/18/2011.
4. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT 10/16/2015.
5. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED IN ACCORDANCE WITH CURRENT TXDOT STANDARDS AT THE PSE&L PHASE.
6. EXISTING DRIVEWAYS WILL BE DETERMINED IN COORDINATION WITH THE PROPERTY OWNER, TXDOT, AND LOCAL GOVERNMENTS.
7. CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE
8. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) IS NOT SHOWN AND WILL BE DEVELOPED DURING THE PSE&L PHASE OF THE PROJECT.
9. ALL UTILITIES SHOWN ARE APPROXIMATE AND TO BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
10. PROPOSED SIDEWALKS AT LOCATIONS WITH EXISTING SIDEWALKS TO BE COORDINATED WITH LOCAL GOVERNMENTS.

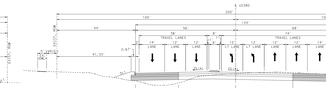


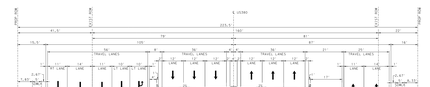


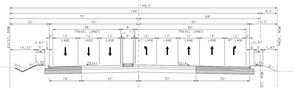


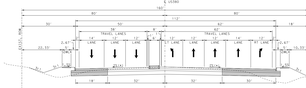


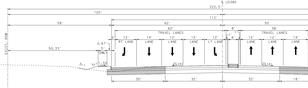


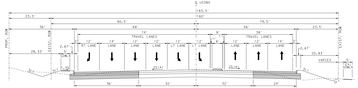












* WIDENING TO MATCH EXISTING CROSS SLOPE

LEGEND

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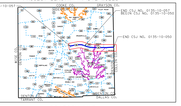

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N.T.S.

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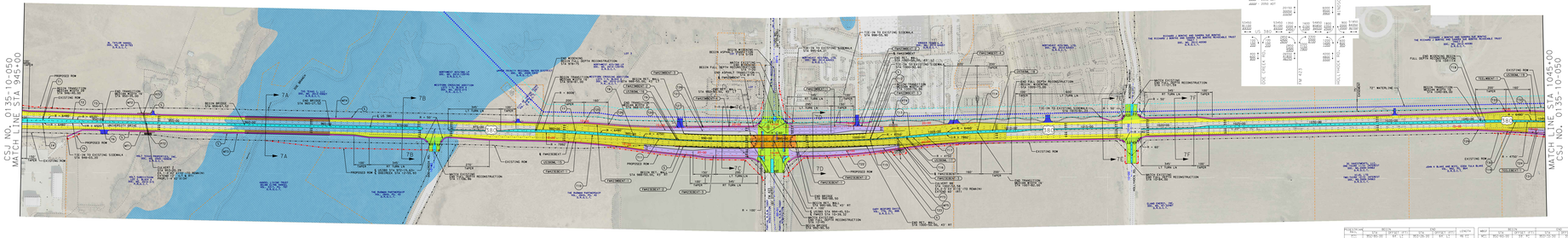
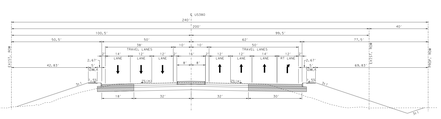
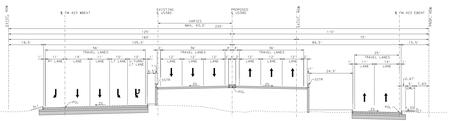
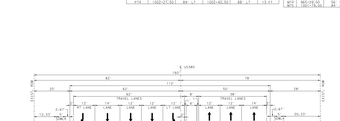
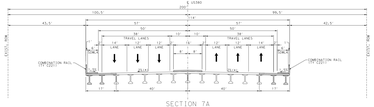


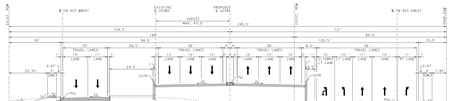


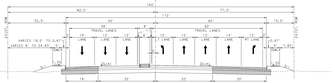












EXISTING	WIDTH											
	LOOP 288											

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 = 55 MPH
RAMPS = 35 MPH
CROSS STREETS = VARIES(SEE PROFILE SHEETS)
U-TURNS = 15 MPH

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

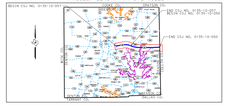
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

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 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.

LEGEND:
- PROPOSED MAINLANES
- PROPOSED BRIDGES
- PROPOSED BRIDGE WIDENING
- PROPOSED RAMPS/DIRECT RAMPS
- PROPOSED CROSS STREETS
- PROPOSED MEDIAN
- PROPOSED SIDEWALK
- PROPOSED RAISED CURB (CHURCH)
- PROPOSED PAVEMENT (DESIGNATION) EXISTING ASPHALT PVMT.
- 100 YR FLOODPLAIN
- 500 YR FLOODPLAIN
- PROPOSED RETAINING WALL
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- EXISTING ROAD
- PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- PROPOSED TYPE SSCR(ETC) RAIL
- CSJ LINE
- TEL-TALE WATER LINE
- PROPOSED WSP
- PROPOSED CONSTRUCTION
- EXISTING SIDEWALK
- PAVEMENT REMOVAL
- CONCRETE BARRIER
- PROPOSED CHAIN LINK FENCE
- PEDESTRIAN RAIL
- SINGLE GUARD RAIL (TERMINAL)
- TAPER
- PROPOSED LANE DIRECTIONAL MARKING
- EXISTING TRAFFIC SIGNAL

HORZ SCALE 1"=100'
100 0 100

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

ROLL 8 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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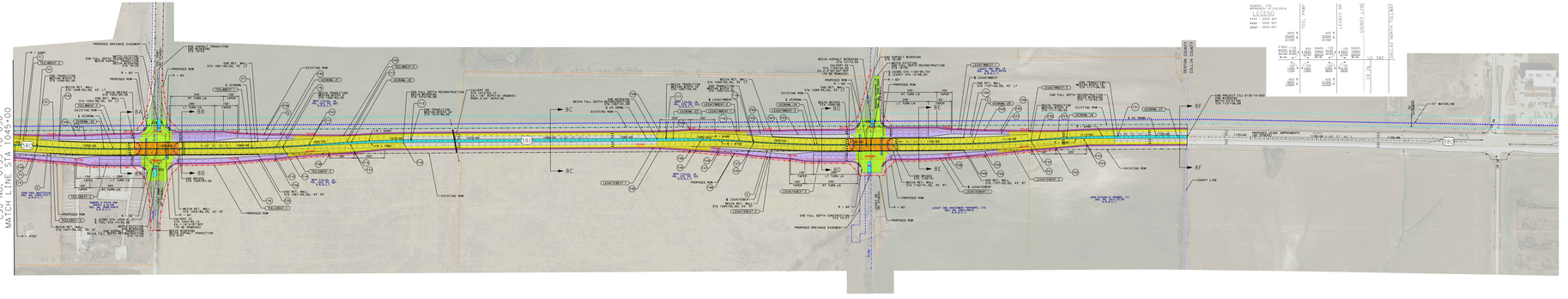
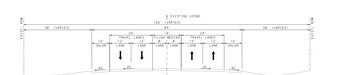
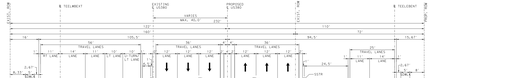
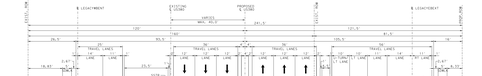




EXISTING TYPICAL SECTION
STA 1045+00 TO END OF PROJECT



SECTION 8B



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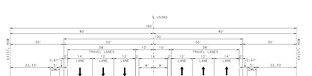
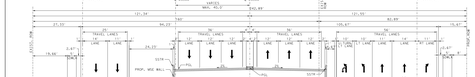
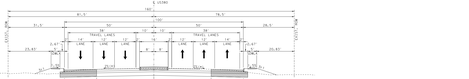


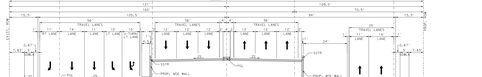
SECTION 8F



SECTION 8A



SECTION 8C



SECTION 8E

NOTES:
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEY INFORMATION DATED 08/2014 AND RECORD PLANS.
2. SCHEMATICS ARE FOR ENVIRONMENTAL CLEARANCE PURPOSES ONLY. PS&E DEVELOPMENT PHASE TO BE COORDINATED WITH THE LOCAL GOVERNMENTS.
3. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS.
4. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (12/18/2015).
5. SIDEWALKS SHOWN ON SCHEMATICS ARE APPROXIMATE ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
6. EXISTING DRIVEWAYS WILL BE DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENTS DURING THE PS&E PHASE.
7. CURBS ARE TYPE II (6") UNLESS NOTED OTHERWISE.
8. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) IS NOT SHOWN AND WILL BE DESIGNED DURING PS&E PHASE OF THE PROJECT.
9. ALL UTILITIES WILL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
10. PROPOSED DRIVEWAY LOCATIONS WITH EXISTING SIDEWALKS TO BE COORDINATED WITH LOCAL GOVERNMENT.

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 = 55 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 WEST OF ROCKHILL RD - STA 435+00 TO STA 535+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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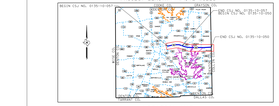
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS
PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.
LEGEND:
PROPOSED MAINLANES
PROPOSED BRIDGES
PROPOSED BRIDGE WIDENING
PROPOSED RAMPS/DIRECT RAMPS
PROPOSED CROSS STREETS
PROPOSED MEDIAN
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100 YR FLOODPLAIN
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PROPOSED RETAINING WALL
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EXISTING RIGHT-OF-WAY
EXISTING ROAD
PROPERTY LINE
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PROPOSED EASEMENT
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PAVEMENT REMOVAL
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PROPOSED CHAIN LINK FENCE
PEDESTRIAN RAIL
SINGLE GUARD RAIL (TERMINAL)
TAPER
PROPOSED LANE DIRECTIONAL MARKING
EXISTING TRAFFIC SIGNAL
HORZ SCALE 1"=100'
100 0 100
100% SUBMITTAL
PREPARED BY AECOM
UNDER THE SUPERVISION OF:
RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)
DATE SUBMITTED
4/21/2017
DATE APPROVED
4/24/2017
DATE REVISED
4/4/2018
ROLL 8 OF 15
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

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WWW.AECOM.COM
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 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

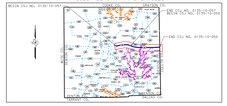
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

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 TO WEST OF CR26- STA1045+00 TO STA1121+50
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
4/24/2017

DATE REVISED
4/4/2018

ROLL 9 OF 15

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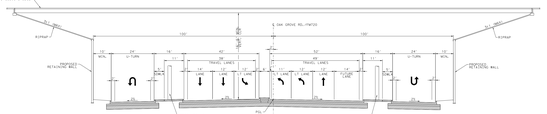
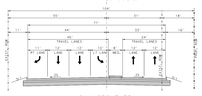
FM 720 INTERSECTION

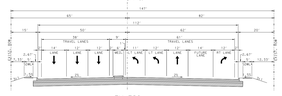


OAK GROVE RD./FM720
AT GRADE SECTION
(ULTIMATE CONFIGURATION)



OAK GROVE RD.

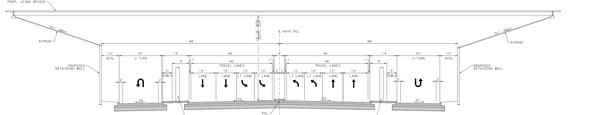
(OAK GROVE RD. TYPICAL SECTION IS MATCHING PROPOSED SECTION FROM THE MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE TOWNS OF LITTLE ELM AND CROSS ROADS. THIS SECTION OF OAK GROVE RD. IS CURRENTLY UNDER CONSTRUCTION)



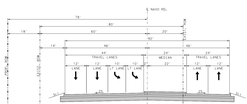
FM 720

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

NAVO RD INTERSECTION

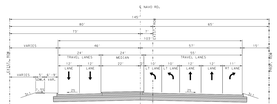


NAVO RD.
AT GRADE SECTION
(ULTIMATE CONFIGURATION)



NAVO RD.
NORTH SECTION

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



NAVO RD.
SOUTH SECTION

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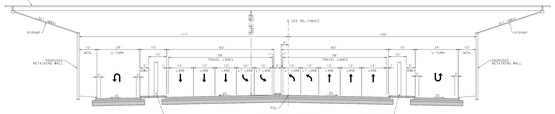
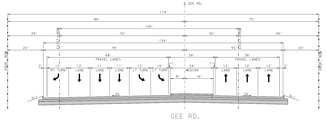
GEE RD / FM423 INTERSECTION



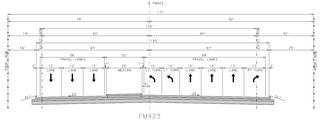
GEE RD./FM423
AT GRADE SECTION
(ULTIMATE CONFIGURATION)

NOTES:
1. PLAN VIEW SHOWN FOR SECTIONS UNDER PROPOSED USTAG BRIDGES. NO CROSSWALKS RECOMMENDED.
2. SEE ROLL 9 FOR TYPICAL SECTIONS AND WIDTHS OF TRAVEL LANES.
3. SEE ROLL 10 FOR TYPICAL SECTIONS AND WIDTHS OF TURN LANES.
4. SEE ROLL 10 FOR TYPICAL SECTIONS AND WIDTHS OF SHOULDERS.



GEE RD.

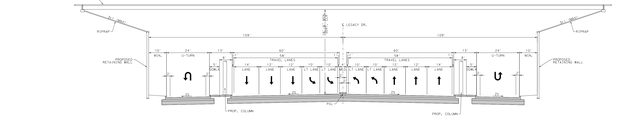
(GEE ROAD TYPICAL SECTION IS BASED ON THE PLANS RECEIVED FROM THE TOWN OF PROSPER. CURRENTLY UNDER CONSTRUCTION)



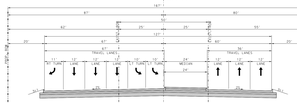
FM423

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

TEEL PKWY INTERSECTION

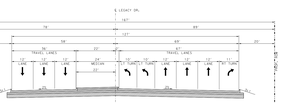


TEEL PKWY
AT GRADE SECTION
(ULTIMATE CONFIGURATION)



TEEL PKWY
NORTH SECTION

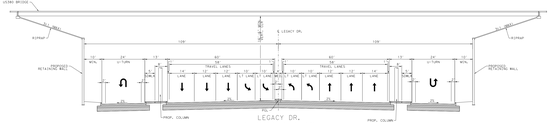
(TEEL PKWY TYPICAL SECTION IS BASED ON THE TOWN OF PROSPER AND CITY OF FRISCO MTP. DESIGN PLANS ARE BEING DEVELOPED BY THE TOWN AND THE CITY)



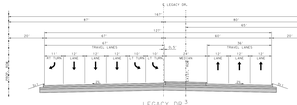
TEEL PKWY
SOUTH SECTION

(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)

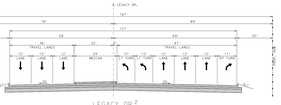
LEGACY DR INTERSECTION



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

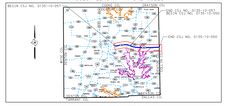
2020 / 2040
AVERAGE DAILY TRAFFIC = (OPENING) (20-YR)
49750 / 74850

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 TO WEST OF CR26- STA1045+00 TO STA1121+50
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
4/24/2017

DATE REVISED
4/4/2018

ROLL 9 OF 15

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AECOM

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

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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US 380 DESIGN SCHEMATIC, DENTON COUNTY

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

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

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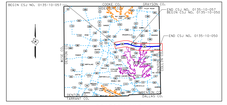

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ROLL 10 OF 15

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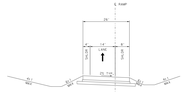
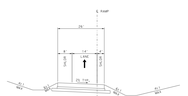


SECTION US377EBEXT



SECTION US377WBENT

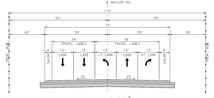


POTTER SHOP RD[5]
NORTH SECTION



POTTER SHOP RD[5]
SOUTH SECTION

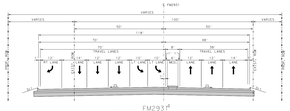
FM 424
(FM 424 PROPOSED PAVEMENT WIDTH MATCHING THE RECENTLY BUILT FM 424 TYPICAL SECTION)



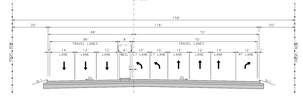
NAYLOR RD.[5]
(ULTIMATE CONFIGURATION)



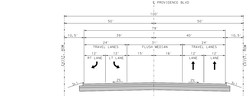
WALMART DR.[5]



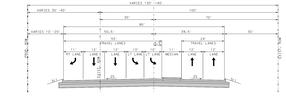
FM2931[4]
(ULTIMATE CONFIGURATION)



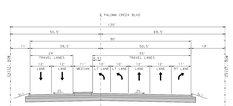
UN-NAMED CROSS STREET[4]
SOUTH OF INTERSECTION AT FM 2931
(ULTIMATE CONFIGURATION)



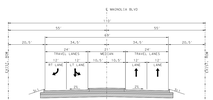
PROVIDENCE BLVD[4]



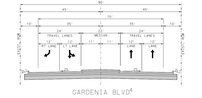
PALOMA CREEK BLVD
NORTH SECTION
(PALOMA CREEK BLVD MATCHING THE ULTIMATE CONFIGURATION AS PER TOWN OF LITTLE ELM MTP)



PALOMA CREEK BLVD
SOUTH SECTION
(PALOMA CREEK BLVD MATCHING THE ULTIMATE CONFIGURATION AS PER TOWN OF LITTLE ELM MTP)



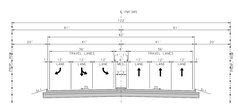
MAGNOLIA BLVD[4]



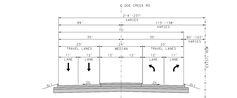
GARDENIA BLVD[4]



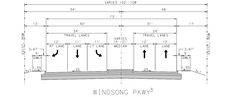
DOGWOOD TRAIL[4]



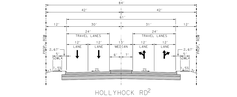
FM1385[4]
(ULTIMATE CONFIGURATION)



DOE CREEK RD[4]



WINDSONG PKWY[3]



HOLLYHOCK RD[2]

NOTES:
1. PLAN VIEW SHOWN FOR EXISTING UNDER PROPOSED LANES REVISED, NO CROSSWALKS RECOMMENDED.
2. CROSS STREET TYPICAL SECTIONS ARE BASED ON TOWN OF FRISCO CRITERIA.
3. CROSS STREET TYPICAL SECTIONS ARE BASED ON TOWN OF PROSPER CRITERIA.
4. CROSS STREET TYPICAL SECTIONS ARE BASED ON TOWN OF LITTLE ELM CRITERIA.
5. CROSS STREET TYPICAL SECTIONS ARE BASED ON TOWN OF CORINTH CRITERIA.

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DALLAS DISTRICT

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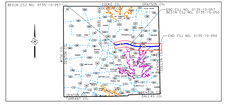
PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

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ROLL 10 OF 15

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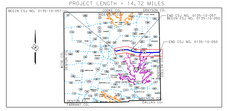

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1900 N. STEMMONS FWY., SUITE 6000
DALLAS, TEXAS 75207
PHONE: AECOM.COM
TBPE REG. NO. F-3580

MAINLANE CURVE DATA - US380

Beginning stnnn.nn(ROW) description
Point (COORD/STATION) = X, Y(,Z),Sta.nn + 1,135,546.1092 Sta 3421+42.41
Course from (COORD/STATION) = N, E = S 89° 38' 15.96" E Dist= 5,844.9750

Curve Data
Curve (CURVE#) = PT (COORD/STATION) = X, Y(,Z),Sta.nn + 1,140,390.2184 Sta 3479+87.39
Course = RT
Course In = S 00° 21' 44.04" W
Course Out = N 89° 38' 15.96" E
Course Out Bear = N 89° 38' 15.96" E
Course Out Az = 89° 38' 15.96"
Radius = 5,729.5800
Delta = 58° 57' 00.00"
Tangent = 3,224.7500
Length = 5,894.0000
Degree of Curve = 1° 00' 00.00"
Long Chord = 5,638.1000
Mid Ordinate = 1,127.0000
External = 1,127.0000
Course from PT (COORD/STATION) = N, E = S 30° 21' 44.04" W Dist= 5,844.9750

Curve Data
Curve (CURVE#) = PT (COORD/STATION) = X, Y(,Z),Sta.nn + 1,140,390.2184 Sta 3479+87.39
Course = RT
Course In = S 30

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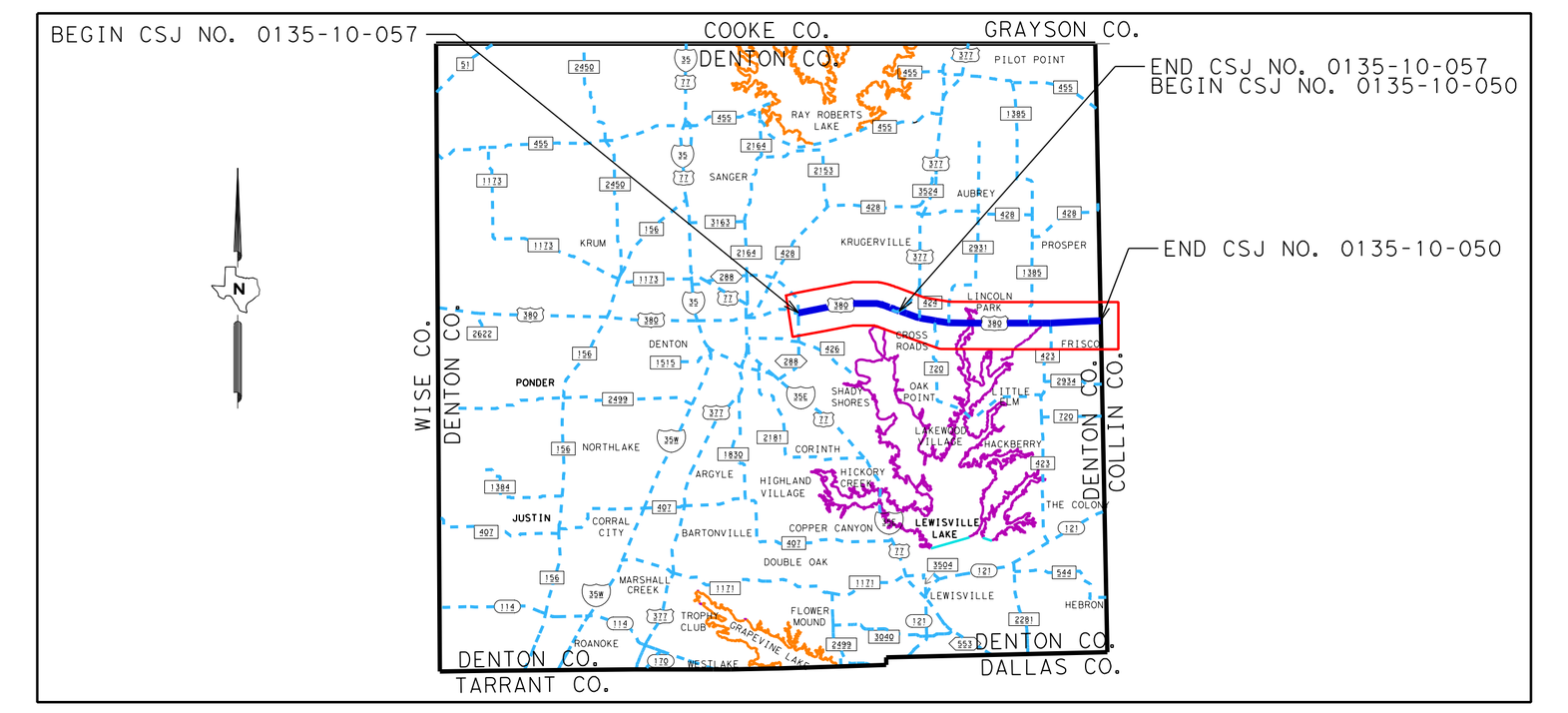
ROLL 2: PLAN - EAST OF LAKEVIEW BLVD TO WEST OF ROCKHILL RD - STA 435+00 TO STA 535+00
ROLL 3: PLAN - WEST OF ROCKHILL RD TO EAST OF US377- STA 535+00 TO STA 640+00
ROLL 4: PLAN - EAST OF US377 TO EAST OF FM2931- STA 640+00 TO STA 745+00
ROLL 5: PLAN - EAST OF FM2931 TO NAVO RD- STA 745+00 TO STA 845+00
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.

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 12 OF 15

Texas Department of Transportation
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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

4:11:34 PM 4/23/2018 US380*RDWY*SCHEM*12.dgn

RAMP CURVE DATA

TEEL EB ENTRANCE

Beginning chain TEELEBENT description
Point TEELEBENT01 X 2,470,172.5097 Y 7,131,348.6175 Sta 10+00.00
Course from TEELEBENT01 to PC TEELEBENT-1 N 88° 35' 35.07" E Dist 252.4752

Curve Data
Curve TEELEBENT-1
P.I. Station 14+70.16 X 2,470,642.5262 Y 7,131,360.1613
Delta = 6° 02' 03.41" (LT)
Degree = 1° 23' 14.31"
Tangent = 217.6830
Length = 434.9635
Radius = 4,130.0000
External = 5.7328
Long Chord = 434.7625
Mid. Ord. = 5.7249
P.C. Station 12+52.48 X 2,470,424.9088 Y 7,131,354.8166
P.T. Station 16+87.44 X 2,470,858.3760 Y 7,131,388.3532
C.C. X 2,470,323.5049 Y 7,135,483.5715
Back = N 88° 35' 35.07" E
Ahead = N 82° 33' 31.66" E
Chord Bear = N 85° 34' 33.37" E

Course from PT TEELEBENT-1 to PC TEELEBENT-2 N 82° 33' 31.66" E Dist 150.2803

Curve Data
Curve TEELEBENT-2
P.I. Station 19+83.26 X 2,471,151.7086 Y 7,131,426.6650
Delta = 3° 33' 04.21" (RT)
Degree = 1° 13' 13.29"
Tangent = 145.5437
Length = 290.9943
Radius = 4,695.0000
External = 2.2554
Long Chord = 290.9477
Mid. Ord. = 2.2543
P.C. Station 18+37.72 X 2,471,007.3906 Y 7,131,407.8158
P.T. Station 21+28.71 X 2,471,296.9170 Y 7,131,436.5389
C.C. X 2,471,615.4341 Y 7,126,752.3558
Back = N 82° 33' 31.66" E
Ahead = N 86° 06' 35.88" E
Chord Bear = N 84° 20' 03.77" E

Course from PT TEELEBENT-2 to TEELEBENT02 N 86° 06' 35.88" E Dist 136.8115
Point TEELEBENT02 X 2,471,433.4133 Y 7,131,445.8205 Sta 22+65.52
Ending chain TEELEBENT description

TEEL EB EXIT

Beginning chain TEELEBEXT description

Curve Data
Curve TEELEBEXT-1
P.I. Station 13+24.67 X 2,468,985.8272 Y 7,131,405.1680
Delta = 7° 56' 13.11" (RT)
Degree = 1° 13' 27.37"
Tangent = 324.6710
Length = 648.3033
Radius = 4,680.0000
External = 11.2484
Long Chord = 647.7851
Mid. Ord. = 11.2214
P.C. Station 10+00.00 X 2,468,661.2541 Y 7,131,397.1963
P.T. Station 16+48.30 X 2,469,308.3919 Y 7,131,368.2450
C.C. X 2,468,776.1622 Y 7,126,718.6072
Back = N 88° 35' 35.07" E
Ahead = S 83° 28' 11.82" E
Chord Bear = S 87° 26' 18.37" E

Curve Data
Curve TEELEBEXT-2
P.I. Station 18+82.23 X 2,469,540.8000 Y 7,131,341.6419
Delta = 6° 29' 00.99" (LT)
Degree = 1° 23' 14.31"
Tangent = 233.9257
Length = 467.3521
Radius = 4,130.0000
External = 6.6195
Long Chord = 467.1027
Mid. Ord. = 6.6089
P.C. Station 16+48.30 X 2,469,308.3919 Y 7,131,368.2450
P.T. Station 21+15.66 X 2,469,774.7256 Y 7,131,341.4523
C.C. X 2,469,778.0733 Y 7,135,471.4510
Back = S 83° 28' 11.82" E
Ahead = S 89° 57' 12.81" E
Chord Bear = S 86° 42' 42.31" E

Curve Data
Curve TEELEBEXT-3
P.I. Station 22+18.31 X 2,469,877.3833 Y 7,131,341.3691
Delta = 1° 27' 12.12" (LT)
Degree = 0° 42' 28.47"
Tangent = 102.6577
Length = 205.3044
Radius = 8,093.6700
External = 0.6510
Long Chord = 205.2989
Mid. Ord. = 0.6510
P.C. Station 21+15.66 X 2,469,774.7256 Y 7,131,341.4523
P.T. Station 23+20.96 X 2,469,980.0101 Y 7,131,343.8897
C.C. X 2,469,781.2861 Y 7,139,435.1197
Back = S 89° 57' 12.81" E
Ahead = N 88° 35' 35.07" E
Chord Bear = N 89° 19' 11.13" E

Course from PT TEELEBEXT-3 to TEELEBEXT02 N 88° 35' 35.07" E Dist 192.5577
Point TEELEBEXT02 X 2,470,172.5097 Y 7,131,348.6175 Sta 25+13.52
Ending chain TEELEBEXT description

TEEL WB ENTRANCE

Beginning chain TEELWBENT description

Curve Data
Curve TEELWBENT-1
P.I. Station 10+79.96 X 2,469,063.3468 Y 7,131,511.0192
Delta = 1° 24' 09.85" (RT)
Degree = 0° 52' 37.76"
Tangent = 79.9633
Length = 159.9187
Radius = 6,532.0000
External = 0.4894
Long Chord = 159.9147
Mid. Ord. = 0.4894
P.C. Station 10+00.00 X 2,468,983.3835 Y 7,131,511.0692
P.T. Station 11+59.92 X 2,469,143.2850 Y 7,131,509.0118
C.C. X 2,468,979.3014 Y 7,124,979.0705
Back = S 89° 57' 51.10" E
Ahead = S 88° 33' 41.25" E
Chord Bear = S 89° 15' 46.17" E

Course from PT TEELWBENT-1 to PC TEELWBENT-2 S 88° 33' 41.25" E Dist 94.8352

Curve Data
Curve TEELWBENT-2
P.I. Station 14+49.22 X 2,469,432.4943 Y 7,131,501.7490
Delta = 4° 44' 37.07" (LT)
Degree = 1° 13' 13.29"
Tangent = 194.4653
Length = 388.7083
Radius = 4,695.0000
External = 4.0256
Long Chord = 388.5973
Mid. Ord. = 4.0222
P.C. Station 12+54.75 X 2,469,238.0903 Y 7,131,506.6310
P.T. Station 16+43.46 X 2,469,626.6361 Y 7,131,512.9604
C.C. X 2,469,355.9566 Y 7,136,200.1512
Back = S 88° 33' 41.25" E
Ahead = N 86° 41' 41.68" E
Chord Bear = N 89° 04' 00.21" E

Course from PT TEELWBENT-2 to PC TEELWBENT-3 N 86° 41' 41.68" E Dist 222.7324

Curve Data
Curve TEELWBENT-3
P.I. Station 19+34.61 X 2,469,917.3023 Y 7,131,529.7460
Delta = 1° 53' 53.39" (RT)
Degree = 1° 23' 14.31"
Tangent = 68.4181
Length = 136.8237
Radius = 4,130.0000
External = 0.5667
Long Chord = 136.8174
Mid. Ord. = 0.5666
P.C. Station 18+66.19 X 2,469,848.9980 Y 7,131,525.8015
P.T. Station 20+03.02 X 2,469,985.6998 Y 7,131,531.4259
C.C. X 2,470,087.1037 Y 7,127,402.6710
Back = N 86° 41' 41.68" E
Ahead = N 88° 35' 35.07" E
Chord Bear = N 87° 38' 38.37" E

Course from PT TEELWBENT-3 to TEELWBENT02 N 88° 35' 35.07" E Dist 186.8256
Point TEELWBENT02 X 2,470,172.4690 Y 7,131,536.0130 Sta 21+89.84
Ending chain TEELWBENT description

TEEL WB EXIT

Beginning chain TEELWBEXT description
Point TEELWBEXT01 X 2,470,172.4690 Y 7,131,536.0130 Sta 10+00.00
Course from TEELWBEXT01 to PC TEELWBEXT-1 N 88° 35' 35.07" E Dist 416.4603

Curve Data
Curve TEELWBEXT-1
P.I. Station 15+17.50 X 2,470,689.8169 Y 7,131,548.7193
Delta = 2° 48' 10.83" (RT)
Degree = 1° 23' 14.31"
Tangent = 101.0435
Length = 202.0468
Radius = 4,130.0000
External = 1.2359
Long Chord = 202.0266
Mid. Ord. = 1.2355
P.C. Station 14+16.46 X 2,470,588.8038 Y 7,131,546.2384
P.T. Station 16+18.51 X 2,470,790.8304 Y 7,131,546.2575
C.C. X 2,470,690.2077 Y 7,127,417.4835
Back = N 88° 35' 35.07" E
Ahead = S 88° 36' 14.10" E
Chord Bear = N 89° 59' 40.49" E

Course from PT TEELWBEXT-1 to PC TEELWBEXT-2 S 88° 36' 14.10" E Dist 216.1727

Curve Data
Curve TEELWBEXT-2
P.I. Station 20+72.25 X 2,471,244.4405 Y 7,131,535.2025
Delta = 5° 48' 43.39" (LT)
Degree = 1° 13' 27.37"
Tangent = 237.5721
Length = 474.7367
Radius = 4,680.0000
External = 6.0261
Long Chord = 474.5332
Mid. Ord. = 6.0183
P.C. Station 18+34.68 X 2,471,006.9389 Y 7,131,540.9907
P.T. Station 23+09.42 X 2,471,481.3073 Y 7,131,553.4949
C.C. X 2,471,120.9617 Y 7,136,219.6015
Back = S 88° 36' 14.10" E
Ahead = N 85° 35' 02.51" E
Chord Bear = N 88° 29' 24.20" E

Ending chain TEELWBEXT description

LEGACY EB ENTRANCE

Beginning chain LEGACYEBENT description
Point LEGACYEBENT01 X 2,474,824.8978 Y 7,131,462.8821 Sta 10+00.00
Course from LEGACYEBENT01 to PC LEGACYEBENT-1 N 88° 35' 35.07" E Dist 236.7937

Curve Data
Curve LEGACYEBENT-1
P.I. Station 14+64.94 X 2,475,289.7021 Y 7,131,474.2979
Delta = 6° 19' 53.49" (LT)
Degree = 1° 23' 20.36"
Tangent = 228.1508
Length = 455.8371
Radius = 4,125.0000
External = 6.3046
Long Chord = 455.6052
Mid. Ord. = 6.2950
P.C. Station 12+36.79 X 2,475,061.6201 Y 7,131,468.6961
P.T. Station 16+92.63 X 2,475,515.7751 Y 7,131,505.0187
C.C. X 2,474,960.3389 Y 7,135,592.4525
Back = N 88° 35' 35.07" E
Ahead = N 82° 15' 41.58" E
Chord Bear = N 85° 25' 38.32" E

Course from PT LEGACYEBENT-1 to PC LEGACYEBENT-2 N 82° 15' 41.58" E Dist 183.0679

Curve Data
Curve LEGACYEBENT-2
P.I. Station 20+42.14 X 2,475,862.1006 Y 7,131,552.0804
Delta = 4° 06' 21.88" (RT)
Degree = 1° 14' 02.49"
Tangent = 166.4405
Length = 332.7386
Radius = 4,643.0000
External = 2.9823
Long Chord = 332.6674
Mid. Ord. = 2.9804
P.C. Station 18+75.70 X 2,475,697.1758 Y 7,131,529.6690
P.T. Station 22+08.44 X 2,476,028.2067 Y 7,131,562.6251
C.C. X 2,476,322.3613 Y 7,126,928.9525
Back = N 82° 15' 41.58" E
Ahead = N 86° 22' 03.46" E
Chord Bear = N 84° 18' 52.52" E

Ending chain LEGACYEBENT description

LEGACY EB EXIT

Beginning chain LEGACYEBEXT description

Curve Data
Curve LEGACYEBEXT-1
P.I. Station 12+77.74 X 2,473,591.2952 Y 7,131,518.2802
Delta = 6° 47' 33.55" (RT)
Degree = 1° 13' 27.37"
Tangent = 277.7421
Length = 554.8334
Radius = 4,680.0000
External = 8.2343
Long Chord = 554.5085
Mid. Ord. = 8.2198
P.C. Station 10+00.00 X 2,473,313.6369 Y 7,131,511.4608
P.T. Station 15+54.83 X 2,473,867.8112 Y 7,131,492.2112
C.C. X 2,473,428.5450 Y 7,126,832.8716
Back = N 88° 35' 35.07" E
Ahead = S 84° 36' 51.38" E
Chord Bear = S 88° 00' 38.16" E

Course from PT LEGACYEBEXT-1 to PC LEGACYEBEXT-2 S 84° 36' 51.38" E Dist 190.6946

Curve Data
Curve LEGACYEBEXT-2
P.I. Station 19+38.10 X 2,474,249.3866 Y 7,131,456.2376
Delta = 5° 20' 21.43" (LT)
Degree = 1° 23' 14.31"
Tangent = 192.5728
Length = 384.8668
Radius = 4,130.0000
External = 4.4872
Long Chord = 384.7276
Mid. Ord. = 4.4823
P.C. Station 17+45.53 X 2,474,057.6639 Y 7,131,474.3126
P.T. Station 21+30.39 X 2,474,441.9594 Y 7,131,456.0815
C.C. X 2,474,445.3070 Y 7,135,586.0802
Back = S 84° 36' 51.38" E
Ahead = S 89° 57' 12.81" E
Chord Bear = S 87° 17' 02.10" E

Curve Data
Curve LEGACYEBEXT-3
P.I. Station 22+33.05 X 2,474,544.6170 Y 7,131,455.9983
Delta = 1° 27' 12.12" (LT)
Degree = 0° 42' 28.47"
Tangent = 102.6577
Length = 205.3044
Radius = 8,093.6700
External = 0.6510
Long Chord = 205.2989
Mid. Ord. = 0.6510
P.C. Station 21+30.39 X 2,474,441.9594 Y 7,131,456.0815
P.T. Station 23+35.70 X 2,474,647.2438 Y 7,131,458.5189
C.C. X 2,474,448.5199 Y 7,139,549.7489
Back = S 89° 57' 12.81" E
Ahead = N 88° 35' 35.07" E
Chord Bear = N 89° 19' 11.13" E

Course from PT LEGACYEBEXT-3 to LEGACYEBEXT02 N 88° 35' 35.07" E Dist 177.7076
Point LEGACYEBEXT02 X 2,474,824.8978 Y 7,131,462.8821 Sta 25+13.41
Ending chain LEGACYEBEXT description

LEGACY WB ENTRANCE

Beginning chain LEGACYWBENT description

Curve Data
Curve LEGACYWBENT-1
P.I. Station 10+80.02 X 2,473,725.4286 Y 7,131,625.7133
Delta = 1° 24' 13.31" (RT)
Degree = 0° 52' 37.76"
Tangent = 80.0182
Length = 160.0284
Radius = 6,532.0000
External = 0.4901
Long Chord = 160.0244
Mid. Ord. = 0.4901
P.C. Station 10+00.00 X 2,473,645.4104 Y 7,131,625.6995
P.T. Station 11+60.03 X 2,473,805.4232 Y 7,131,623.7669
C.C. X 2,473,646.5352 Y 7,125,093.6996
Back = N 89° 59' 24.48" E
Ahead = S 88° 36' 22.21" E
Chord Bear = S 89° 18' 28.86" E

Curve Data
Curve LEGACYWBENT-2
P.I. Station 13+37.88 X 2,473,983.2249 Y 7,131,619.4407
Delta = 4° 21' 09.85" (LT)
Degree = 1° 13' 27.37"
Tangent = 177.8543
Length = 355.5375
Radius = 4,680.0000
External = 3.3783
Long Chord = 355.4521
Mid. Ord. = 3.3758
P.C. Station 11+60.03 X 2,473,805.4232 Y 7,131,623.7669
P.T. Station 15+15.57 X 2,474,160.8421 Y 7,131,628.6215
C.C. X 2,473,919.2621 Y 7,136,302.3822
Back = S 88° 36' 22.21" E
Ahead = N 87° 02' 27.95" E
Chord Bear = N 89° 13' 02.87" E

Course from PT LEGACYWBENT-2 to PC LEGACYWBENT-3 N 87° 02' 27.95" E Dist 141.4504

Curve Data
Curve LEGACYWBENT-3
P.I. Station 17+12.95 X 2,474,357.9677 Y 7,131,638.8106
Delta = 1° 33' 07.12" (RT)
Degree = 1° 23' 14.31"
Tangent = 55.9383
Length = 111.8699
Radius = 4,130.0000
External = 0.3788
Long Chord = 111.8664
Mid. Ord. = 0.3788
P.C. Station 16+57.02 X 2,474,302.1039 Y 7,131,635.9231
P.T. Station 17+68.89 X 2,474,413.8892 Y 7,131,640.1841
C.C. X 2,474,515.2931 Y 7,127,511.4291
Back = N 87° 02' 27.95" E
Ahead = N 88° 35' 35.07" E
Chord Bear = N 87° 49' 01.51" E

Course from PT LEGACYWBENT-3 to LEGACYWBENT02 N 88° 35' 35.07" E Dist 406.5314
Point LEGACYWBENT02 X 2,474,820.2981 Y 7,131,650.1656 Sta 21+75.42
Ending chain LEGACYWBENT description

LEGACY WB EXIT

Beginning chain LEGACYWBEXT description
Point LEGACYWBEXT01 X 2,474,820.2981 Y 7,131,650.1656 Sta 10+00.00
Course from LEGACYWBEXT01 to PC LEGACYWBEXT-1 N 88° 35' 35.07" E Dist 457.1216

Curve Data
Curve LEGACYWBEXT-1
P.I. Station 15+60.86 X 2,475,380.9894 Y 7,131,663.9364
Delta = 2° 52' 52.44" (RT)
Degree = 1° 23' 20.36"
Tangent = 103.7388
Length = 207.4340
Radius = 4,125.0000
External = 1.3042
Long Chord = 207.4121
Mid. Ord. = 1.3038
P.C. Station 14+57.12 X 2,475,277.2819 Y 7,131,661.3893
P.T. Station 16+64.56 X 2,475,484.6939 Y 7,131,661.2674
C.C. X 2,475,378.5630 Y 7,127,537.6329
Back = N 88° 35' 35.07" E
Ahead = S 88° 31' 32.49" E
Chord Bear = S 89° 57' 58.71" E

Course from PT LEGACYWBEXT-1 to PC LEGACYWBEXT-2 S 88° 31' 32.49" E Dist 160.4946

Curve Data
Curve LEGACYWBEXT-2
P.I. Station 20+57.94 X 2,475,877.9444 Y 7,131,651.1462
Delta = 5° 41' 51.38" (LT)
Degree = 1° 13' 27.37"
Tangent = 232.8861
Length = 465.3883
Radius = 4,680.0000
External = 5.7909
Long Chord = 465.1966
Mid. Ord. = 5.7837
P.C. Station 18+25.05 X 2,475,645.1354 Y 7,131,657.1381
P.T. Station 22+90.44 X 2,476,110.1981 Y 7,131,668.2968
C.C. X 2,475,765.5457 Y 7,136,335.5888
Back = S 88° 31' 32.49" E
Ahead = N 85° 46' 36.14" E
Chord Bear = N 88° 37' 31.82" E

Ending chain LEGACYWBEXT description

CROSS STREET CURVE DATA

POTTER SHOP ROAD

Beginning chain POTTERSHOP description
Point POTTERSHOP01 X 2,427,152.6892 Y 7,134,371.5312 Sta 10+00.00
Course from POTTERSHOP01 to PC POTTERSHOP-1 N 0° 07' 31.61" E Dist 361.8293

Curve Data
Curve POTTERSHOP-1
P.I. Station 13+78.29 X 2,427,153.5175 Y 7,134,749.8202
Delta = 2° 28' 30.01" (LT)
Degree = 7° 31' 08.87"
Tangent = 16.4606
Length = 32.9161
Radius = 762.0000
External = 0.1778
Long Chord = 32.9135
Mid. Ord. = 0.1777
P.C. Station 13+61.83 X 2,427,153.4814 Y 7,134,733.3596
P.T. Station 13+94.75 X 2,427,152.8426 Y 7,134,766.2669
C.C. X 2,426,391.4832 Y 7,134,735.0280
Back = N 0° 07' 31.61" E
Ahead = N 2° 20' 58.40" W
Chord Bear = N 1° 06' 43.39" W

Course from PT POTTERSHOP-1 to PC POTTERSHOP-2 N 2° 20' 58.40" W Dist 104.5351

Curve Data
Curve POTTERSHOP-2
P.I. Station 15+12.94 X 2,427,147.9970 Y 7,134,884.3665
Delta = 2° 03' 16.49" (RT)
Degree = 7° 31' 08.87"
Tangent = 13.6638
Length = 27.3247
Radius = 762.0000
External = 0.1225
Long Chord = 27.3233
Mid. Ord. = 0.1225
P.C. Station 14+99.28 X 2,427,148.5571 Y 7,134,870.7141
P.T. Station 15+26.61 X 2,427,147.9266 Y 7,134,898.0301
C.C. X 2,427,909.9165 Y 7,134,901.9531
Back = N 2° 20' 58.40" W
Ahead = N 0° 17' 41.90" W
Chord Bear = N 1° 19' 20.15" W

Course from PT POTTERSHOP-2 to POTTERSHOP02 N 0° 17' 41.90" W Dist 387.4502
Point POTTERSHOP02 X 2,427,145.9319 Y 7,135,285.4752 Sta 19+14.06
Ending chain POTTERSHOP description

FM424/NAYLOR ROAD

Beginning chain FM424 description
Point FM42401 X 2,430,802.4840 Y 7,132,651.9641 Sta 10+00.00
Course from FM42401 to PC FM424-1 N 2° 58' 25.33" E Dist 626.0036

Curve Data
Curve FM424-1
P.I. Station 16+80.23 X 2,430,837.7727 Y 7,133,331.2782
Delta = 5° 58' 10.20" (LT)
Degree = 5° 30' 33.15"
Tangent = 54.2265
Length = 108.3549
Radius = 1,040.0000
External = 1.4128
Long Chord = 108.3059
Mid. Ord. = 1.4106
P.C. Station 16+26.00 X 2,430,834.9595 Y 7,133,277.1247
P.T. Station 17+34.36 X 2,430,834.9386 Y 7,133,385.4306
C.C. X 2,429,796.3599 Y 7,133,331.0774
Back = N 2° 58' 25.33" E
Ahead = N 2° 59' 44.87" W
Chord Bear = N 0° 00' 39.77" W

Curve Data
Curve FM424-2
P.I. Station 17+86.44 X 2,430,832.2166 Y 7,133,437.4437
Delta = 5° 44' 02.65" (RT)
Degree = 5° 30' 33.15"
Tangent = 52.0842
Length = 104.0815
Radius = 1,040.0000
External = 1.3034
Long Chord = 104.0381
Mid. Ord. = 1.3018
P.C. Station 17+34.36 X 2,430,834.9386 Y 7,133,385.4306
P.T. Station 18+38.44 X 2,430,834.7048 Y 7,133,489.4685
C.C. X 2,431,873.5173 Y 7,133,439.7839
Back = N 2° 59' 44.87" W
Ahead = N 2° 44' 17.77" E
Chord Bear = N 0° 07' 43.55" W

Course from PT FM424-2 to FM42402 N 2° 44' 17.77" E Dist 546.1823
Point FM42402 X 2,430,860.7980 Y 7,134,035.0272 Sta 23+84.62
Ending chain FM424 description

WALMART

Beginning chain WALMART description
Point WALMART01 X 2,432,717.9175 Y 7,133,040.8826 Sta 10+00.00
Course from WALMART01 to WALMART02 N 10° 16' 00.91" E Dist 450.0000
Point WALMART02 X 2,432,798.1228 Y 7,133,483.6773 Sta 14+50.00
Ending chain WALMART description

OAK GROVE LANE/FM720

Beginning chain FM720 description
Point FM72001 X 2,434,719.3317 Y 7,131,780.2062 Sta 285+00.00
Course from FM72001 to PC FM720-1 N 1° 40' 04.31" E Dist 726.6326

Curve Data
Curve FM720-1
P.I. Station 292+86.19 X 2,434,742.2141 Y 7,132,566.0607
Delta = 6° 33' 17.48" (RT)
Degree = 5° 30' 33.15"
Tangent = 59.5550
Length = 118.9800
Radius = 1,040.0000
External = 1.7038
Long Chord = 118.9151
Mid. Ord. = 1.7010
P.C. Station 292+26.63 X 2,434,740.4808 Y 7,132,506.5310
P.T. Station 293+45.61 X 2,434,750.7318 Y 7,132,625.0034
C.C. X 2,435,780.0402 Y 7,132,476.2612
Back = N 1° 40' 04.31" E
Ahead = N 8° 13' 21.79" E
Chord Bear = N 4° 56' 43.05" E

Curve Data
Curve FM720-2
P.I. Station 294+00.47 X 2,434,758.5781 Y 7,132,679.3005
Delta = 6° 02' 21.19" (LT)
Degree = 5° 30' 33.15"
Tangent = 54.8610
Length = 109.6204
Radius = 1,040.0000
External = 1.4460
Long Chord = 109.5697
Mid. Ord. = 1.4440
P.C. Station 293+45.61 X 2,434,750.7318 Y 7,132,625.0034
P.T. Station 294+55.23 X 2,434,760.6683 Y 7,132,734.1216
C.C. X 2,433,721.4234 Y 7,132,773.7457
Back = N 8° 13' 21.79" E
Ahead = N 2° 11' 00.60" E
Chord Bear = N 5° 12' 11.20" E

Course from PT FM720-2 to FM72002 N 2° 11' 00.60" E Dist 365.6240
Point FM72002 X 2,434,774.5986 Y 7,133,099.4802 Sta 298+20.86
Ending chain FM720 description

FM2931

Beginning chain FM2931 description
Point FM293101 X 2,438,231.0456 Y 7,131,312.7063 Sta 95+00.00
Course from FM293101 to FM293102 N 0° 54' 05.78" E Dist 1,444.7951
Point FM293102 X 2,438,253.7800 Y 7,132,757.3226 Sta 109+44.80
Ending chain FM2931 description

PROVIDENCE BLVD

Beginning chain PROVIDENCE description
Point PROVIDENCE01 X 2,439,465.8383 Y 7,132,001.1858 Sta 10+00.00
Course from PROVIDENCE01 to PROVIDENCE02 N 1° 07' 33.61" E Dist 477.7526
Point PROVIDENCE02 X 2,439,475.2268 Y 7,132,478.8462 Sta 14+77.75
Ending chain PROVIDENCE description

PALOMA CREEK BLVD

Beginning chain PALOMA description
Point PALOMA01 X 2,446,718.8192 Y 7,131,090.1564 Sta 10+00.00
Course from PALOMA01 to PC PALOMA-1 N 1° 34' 17.40" E Dist 997.5646

Curve Data
Curve PALOMA-1
P.I. Station 24+21.14 X 2,446,757.7932 Y 7,132,510.7638
Delta = 24° 09' 01.14" (LT)
Degree = 2° 53' 37.41"
Tangent = 423.5774
Length = 834.5750
Radius = 1,980.0000
External = 44.8007
Long Chord = 828.4106
Mid. Ord. = 43.8094
P.C. Station 19+97.56 X 2,446,746.1768 Y 7,132,087.3458
P.T. Station 28+32.14 X 2,446,595.1590 Y 7,132,901.8750
C.C. X 2,444,766.9215 Y 7,132,141.6461
Back = N 1° 34' 17.40" E
Ahead = N 22° 34' 43.73" W
Chord Bear = N 10° 30' 13.17" W

Ending chain PALOMA description

NAVO ROAD

Beginning chain NAVO description

Curve Data
Curve NAVO-1
P.I. Station 8+67.78 X 2,448,915.5655 Y 7,131,424.9810
Delta = 11° 10' 38.11" (LT)
Degree = 10° 00' 14.84"
Tangent = 56.0411
Length = 111.7265
Radius = 572.7218
External = 2.7353
Long Chord = 111.5494
Mid. Ord. = 2.7223
P.C. Station 8+11.74 X 2,448,902.7079 Y 7,131,370.4349
P.T. Station 9+23.47 X 2,448,917.6057 Y 7,131,480.9850
C.C. X 2,448,345.2636 Y 7,131,501.8350
Back = N 13° 15' 48.87" E
Ahead = N 2° 05' 10.75" E
Chord Bear = N 7° 40' 29.81" E

Course from PT NAVO-1 to NAVO02 N 2° 05' 10.75" E Dist 676.4704
Point NAVO02 X 2,448,942.2327 Y 7,132,157.0070 Sta 15+99.94
Ending chain NAVO description

MAGNOLIA BLVD

Beginning chain MAGNOLIA description
Point MAGNOLIA01 X 2,453,764.9240 Y 7,131,530.0321 Sta 10+00.00
Course from MAGNOLIA01 to MAGNOLIA02 N 2° 18' 25.36" E Dist 323.5523
Point MAGNOLIA02 X 2,453,777.9485 Y 7,131,853.3222 Sta 13+23.55
Ending chain MAGNOLIA description

GARDENIA BLVD

Beginning chain GARDENIA description
Point GARDENIA01 X 2,455,466.7052 Y 7,131,477.0182 Sta 10+00.00
Course from GARDENIA01 to GARDENIA02 N 0° 58' 15.49" E Dist 300.0000
Point GARDENIA02 X 2,455,471.7889 Y 7,131,776.9751 Sta 13+00.00
Ending chain GARDENIA description

DOGWOOD TRAIL

Beginning chain DOGWOOD description
Point DOGWOOD01 X 2,457,065.6457 Y 7,131,450.8238 Sta 10+00.00
Course from DOGWOOD01 to DOGWOOD02 N 0° 56' 09.58" E Dist 420.0802
Point DOGWOOD02 X 2,457,072.5079 Y 7,131,870.8479 Sta 14+20.08
Ending chain DOGWOOD description

FM1385

Beginning chain FM1385 description
Point FM138501 X 2,458,733.8695 Y 7,131,423.4944 Sta 10+00.00
Course from FM138501 to PC FM1385-1 N 4° 51' 52.28" E Dist 439.9468

Curve Data
Curve FM1385-1
P.I. Station 16+49.86 X 2,458,788.9774 Y 7,132,071.0101
Delta = 3° 23' 29.97" (RT)
Degree = 0° 48' 29.24"
Tangent = 209.9096
Length = 419.6967
Radius = 7,090.0000
External = 3.1067
Long Chord = 419.6354
Mid. Ord. = 3.1053
P.C. Station 14+39.95 X 2,458,771.1770 Y 7,131,861.8565
P.T. Station 18+59.64 X 2,458,819.1203 Y 7,132,278.7442
C.C. X 2,465,835.6388 Y 7,131,260.6246
Back = N 4° 51' 52.28" E
Ahead = N 8° 15' 22.25" E
Chord Bear = N 6° 33' 37.27" E

Course from PT FM1385-1 to FM138502 N 8° 15' 22.25" E Dist 357.0486
Point FM138502 X 2,458,870.3922 Y 7,132,632.0923 Sta 22+16.69
Ending chain FM1385 description

DOE CREEK ROAD

Beginning chain DOECREEK description
Point DOECREEK01 X 2,461,948.6288 Y 7,131,114.8696 Sta 10+00.00
Course from DOECREEK01 to DOECREEK02 N 0° 53' 31.34" E Dist 255.9253
Point DOECREEK02 X 2,461,952.6131 Y 7,131,370.7639 Sta 12+55.93
Ending chain DOECREEK description

GEE ROAD/FM423

Beginning chain FM423 description
Point FM42301 X 2,464,175.4326 Y 7,132,136.9179 Sta 2+00.00
Course from FM42301 to PC FM423-1 S 0° 20' 39.89" E Dist 1,104.7063

Curve Data
Curve FM423-1
P.I. Station 14+26.84 X 2,464,182.8073 Y 7,130,910.1045
Delta = 1° 13' 16.49" (LT)
Degree = 0° 30' 00.00"
Tangent = 122.1292
Length = 244.2492
Radius = 11,459.1560
External = 0.6508
Long Chord = 244.2446
Mid. Ord. = 0.6508
P.C. Station 13+04.71 X 2,464,182.0731 Y 7,131,032.2316
P.T. Station 15+48.96 X 2,464,186.1441 Y 7,130,788.0209
C.C. X 2,475,641.0221 Y 7,131,101.1137
Back = S 0° 20' 39.89" E
Ahead = S 1° 33' 56.37" E
Chord Bear = S 0° 57' 18.13" E

Course from PT FM423-1 to PC FM423-2 S 1° 33' 56.37" E Dist 175.8580

Curve Data
Curve FM423-2
P.I. Station 18+54.06 X 2,464,194.4803 Y 7,130,483.0316
Delta = 1° 17' 32.63" (RT)
Degree = 0° 30' 00.00"
Tangent = 129.2452
Length = 258.4794
Radius = 11,459.1560
External = 0.7288
Long Chord = 258.4739
Mid. Ord. = 0.7288
P.C. Station 17+24.81 X 2,464,190.9490 Y 7,130,612.2285
P.T. Station 19+83.29 X 2,464,195.0967 Y 7,130,353.7879
C.C. X 2,452,736.0711 Y 7,130,299.1357
Back = S 1° 33' 56.37" E
Ahead = S 0° 16' 23.74" E
Chord Bear = S 0° 55' 10.06" E

Ending chain FM423 description

WINDSONG PKWY-NB

Beginning chain WINDSONGNB description

Curve Data
Curve WINDSONGNB-1
P.I. Station 10+98.41 X 2,466,536.2908 Y 7,131,523.2211
Delta = 3° 53' 33.38" (RT)
Degree = 1° 58' 42.40"
Tangent = 98.4132
Length = 196.7507
Radius = 2,896.0000
External = 1.6717
Long Chord = 196.7128
Mid. Ord. = 1.6707
P.C. Station 10+00.00 X 2,466,531.6632 Y 7,131,424.9168
P.T. Station 11+96.75 X 2,466,547.5812 Y 7,131,620.9845
C.C. X 2,469,424.4598 Y 7,131,288.7408
Back = N 2° 41' 42.58" E
Ahead = N 6° 35' 15.96" E
Chord Bear = N 4° 38' 29.27" E

Course from PT WINDSONGNB-1 to WINDSONGNB02 N 4° 46' 47.50" E Dist 67.1422
Point WINDSONGNB02 X 2,466,553.1760 Y 7,131,687.8932 Sta 12+63.89
Ending chain WINDSONGNB description

WINDSONG PKWY-SB

Beginning chain WINDSONGSB description
Point WINDSONGSB01 X 2,466,518.1350 Y 7,131,424.5845 Sta 10+00.00
Course from WINDSONGSB01 to WINDSONGSB02 N 0° 22' 43.03" W Dist 175.5720
Point WINDSONGSB02 X 2,466,516.9748 Y 7,131,600.1527 Sta 11+75.57
Course from WINDSONGSB02 to WINDSONGSB03 N 1° 10' 39.39" W Dist 89.2576
Point WINDSONGSB03 X 2,466,515.1404 Y 7,131,689.3914 Sta 12+64.83
Ending chain WINDSONGSB description

HOLLYHOCK ROAD

Beginning chain HOLLYHOCK description
Point HOLLYHOCK01 X 2,466,528.1827 Y 7,131,079.9211 Sta 10+00.00
Course from HOLLYHOCK01 to HOLLYHOCK02 N 0° 31' 41.34" W Dist 312.8430
Point HOLLYHOCK02 X 2,466,525.2990 Y 7,131,392.7508 Sta 13+12.84
Ending chain HOLLYHOCK description

TEEL PKWY

Beginning chain TEEL description
Point TEEL001 X 2,470,172.5836 Y 7,131,008.2571 Sta 10+00.00
Course from TEEL001 to TEEL002 N 0° 00' 44.78" W Dist 899.9989
Point TEEL002 X 2,470,172.3882 Y 7,131,908.2560 Sta 19+00.00
Ending chain TEEL description

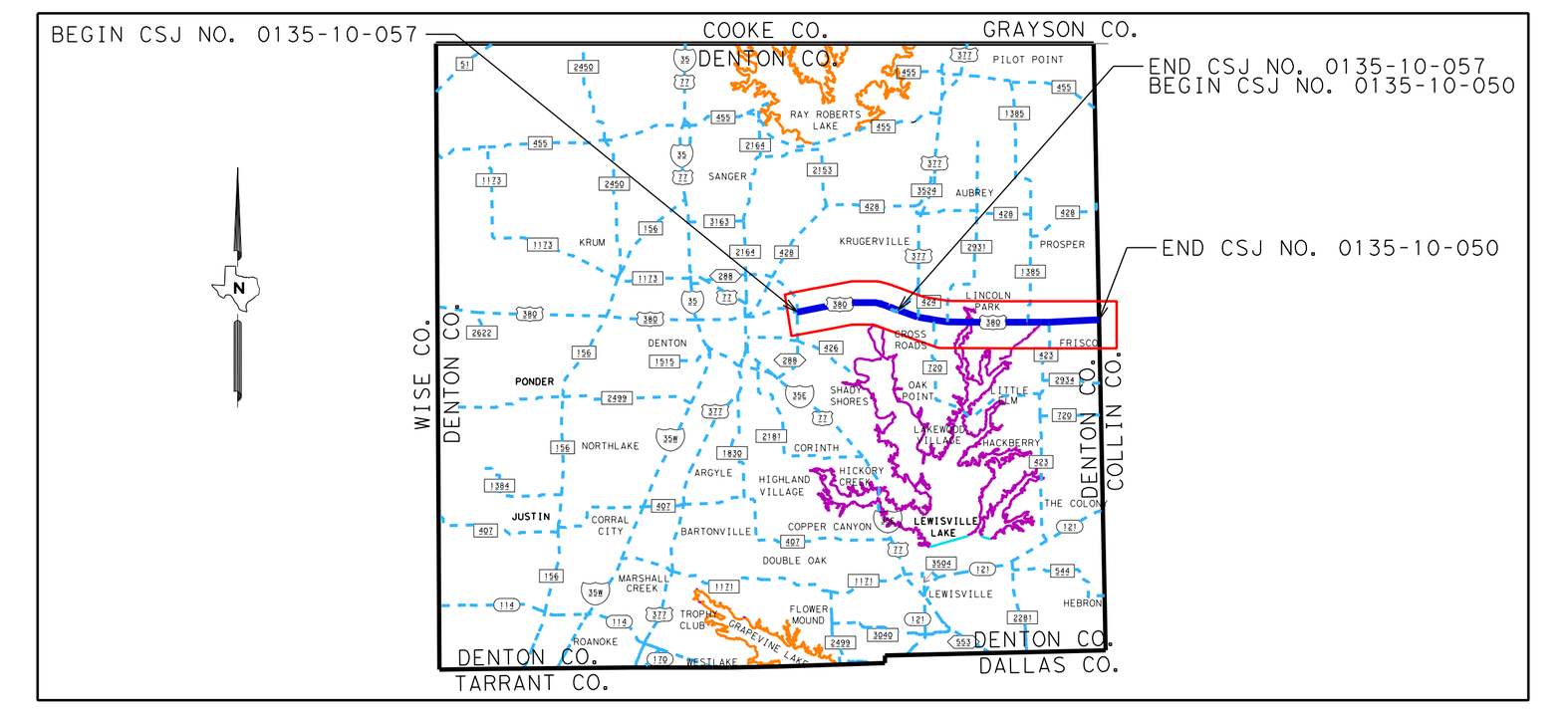
LEGACY DRIVE

Beginning chain LEGACY description
Point LEGACY01 X 2,474,842.4368 Y 7,130,748.7675 Sta 4+00.00
Course from LEGACY01 to PC LEGACY-1 N 1° 24' 24.93" W Dist 1,313.7205

Curve Data
Curve LEGACY-1
P.I. Station 22+59.00 X 2,474,796.7927 Y 7,132,607.2083
Delta = 42° 40' 17.26" (RT)
Degree = 4° 06' 15.42"
Tangent = 545.2808
Length = 1,039.6814
Radius = 1,396.0000
External = 102.7152
Long Chord = 1,015.8194
Mid. Ord. = 95.6755
P.C. Station 17+13.72 X 2,474,810.1810 Y 7,132,062.0919
P.T. Station 27+53.40 X 2,475,156.4253 Y 7,133,017.0809
C.C. X 2,476,205.7601 Y 7,132,096.3679
Back = N 1° 24' 24.93" W
Ahead = N 41° 15' 52.33" E
Chord Bear = N 19° 55' 43.70" E

Ending chain 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 377 RAMPS = 25 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 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.
100% SUBMITTAL
PREPARED BY AECOM
UNDER THE SUPERVISION OF:
RAJESH JANARTHANAN, P.E.
(TX PE NO. 99487)
DATE SUBMITTED
4/21/2017
DATE APPROVED
4/24/2017
DATE REVISED
4/4/2018
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 12 OF 15
Texas Department of Transportation
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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

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

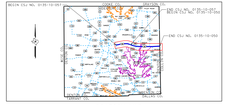
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

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 - 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.

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 13 OF 15

Texas Department of Transportation
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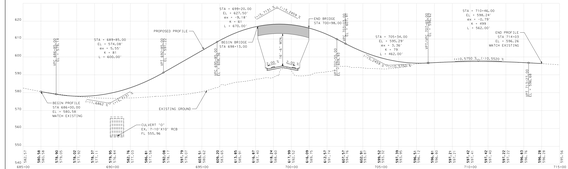
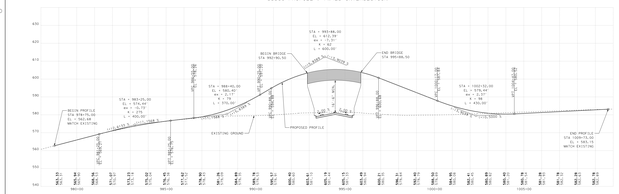
AECOM

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

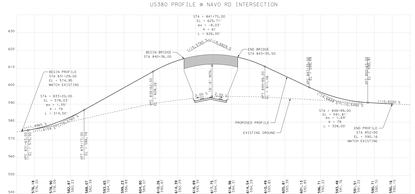
US380 PROFILE @ FM720 INTERSECTION



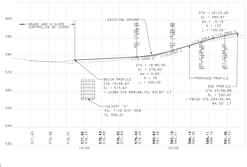
US380 PROFILE @ FM423 INTERSECTION



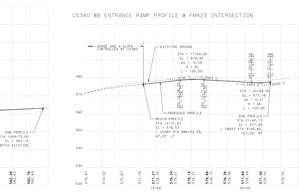
US380 PROFILE @ NAVO RD INTERSECTION



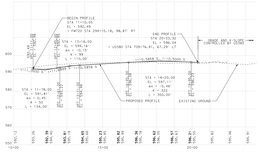
US380 #B ENTRANCE RAMP PROFILE @ FM720 INTERSECTION



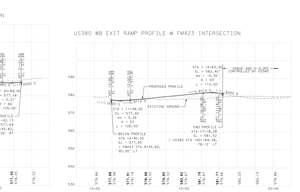
US380 #B ENTRANCE RAMP PROFILE @ FM423 INTERSECTION



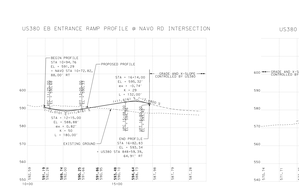
US380 #B EXIT RAMP PROFILE @ FM720 INTERSECTION



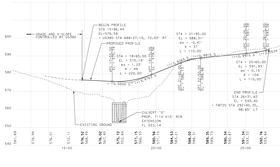
US380 #B EXIT RAMP PROFILE @ FM423 INTERSECTION



US380 #B NAVO RD INTERSECTION

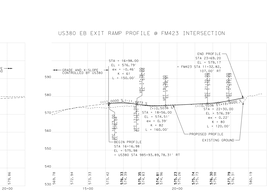


US380 EB ENTRANCE RAMP PROFILE @ FM720 INTERSECTION



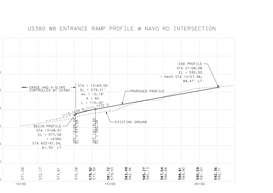
US380 EB EXIT RAMP PROFILE @ FM720 INTERSECTION

US380 EB ENTRANCE RAMP PROFILE @ FM423 INTERSECTION

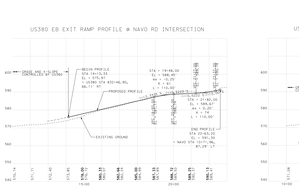


US380 EB EXIT RAMP PROFILE @ FM423 INTERSECTION

US380 EB ENTRANCE RAMP PROFILE @ NAVO RD INTERSECTION

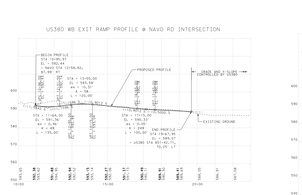


US380 EB EXIT RAMP PROFILE @ NAVO RD INTERSECTION

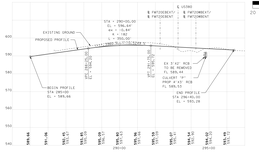


US380 #B ENTRANCE RAMP PROFILE @ NAVO RD INTERSECTION

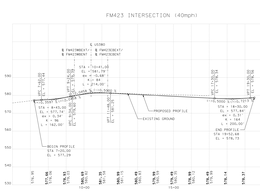
US380 #B EXIT RAMP PROFILE @ NAVO RD INTERSECTION



FM720 INTERSECTION (40mph)



FM423 INTERSECTION (40mph)



HORIZ SCALE: 1"=100'
VERT SCALE 1"=10'
0 100 200
0 10 20

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

FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

DESIGN SCHEMATIC

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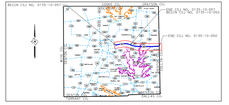
ROLL 14: PROFILES - MAIN LANES, RAMPS & CROSS STREETS
ROLL 15: PROFILES - CROSS STREETS

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
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DATE REVISED
4/4/2018

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ROLL 13 OF 15

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PHONE: (214) 638-0145
TBPE REG. NO. F-3580

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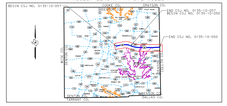
PROJECT LENGTH = 14.72 MILES



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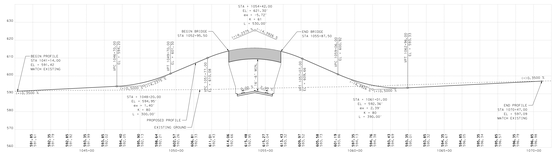
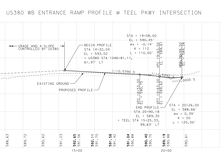
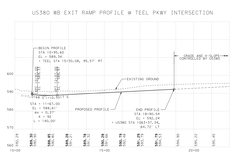
US380 PROFILE @ TEEL PKWY INTERSECTION



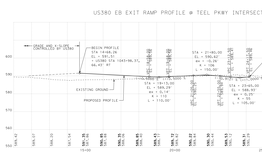
US380 WB ENTRANCE RAMP PROFILE @ TEEL PKWY INTERSECTION



US380 WB EXIT RAMP PROFILE @ TEEL PKWY INTERSECTION



US380 EB EXIT RAMP PROFILE @ TEEL PKWY INTERSECTION



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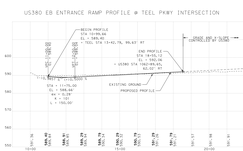
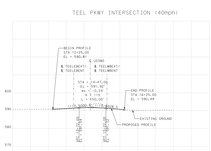


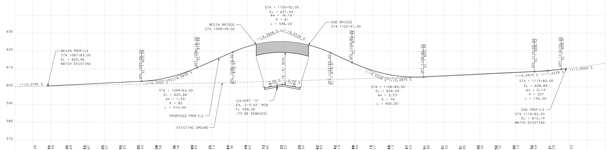
TEEL PKWY INTERSECTION (40mph)



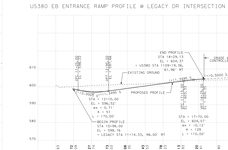
HORZ SCALE: 1"=100'



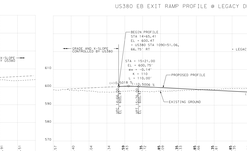
US380 PROFILE @ LEGACY DR INTERSECTION



US380 EB ENTRANCE RAMP PROFILE @ LEGACY DR INTERSECTION



US380 EB EXIT RAMP PROFILE @ LEGACY DR INTERSECTION



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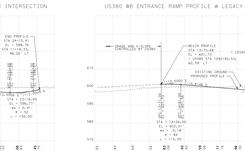
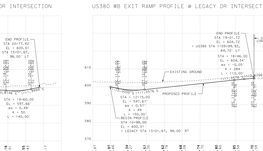
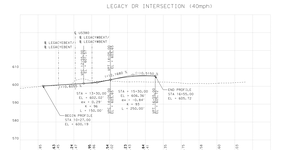


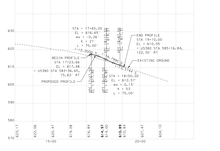
US380 WB EXIT RAMP PROFILE @ LEGACY DR INTERSECTION



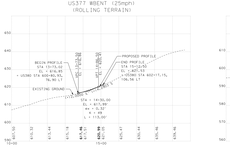
LEGACY DR INTERSECTION (40mph)



US377 EBEXT (25mph)
(ROLLING TERRAIN)



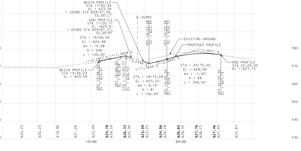
US377 WBENT (25mph)
(ROLLING TERRAIN)



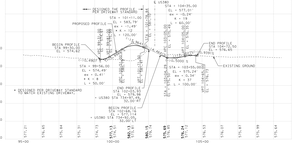
POTTER SHOP RD (30mph)



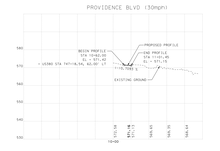
FM424 (30mph)



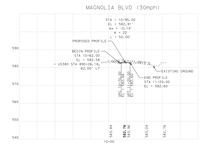
FM2931 (30mph)



PROVIDENCE BLVD (30mph)



MAGNOLIA BLVD (30mph)



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DALLAS DISTRICT

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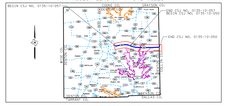
PROJECT LENGTH = 14.72 MILES



LOCATION MAP
N.T.S.

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ROLL 14 OF 15

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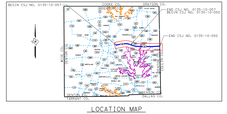

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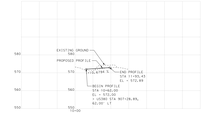
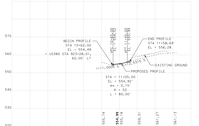
VERT SCALE: 1"=20'
20 0 20

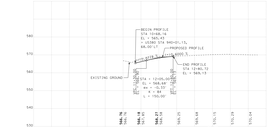
GARDENIA BLVD (30mph)



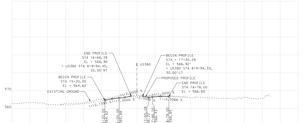
DOGWOOD TRAIL (30mph)



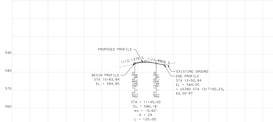
FM1385 (40mph)



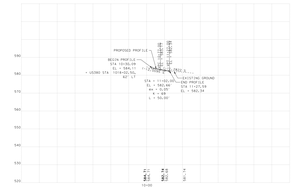
PALOMA CREEK BLVD (40mph)



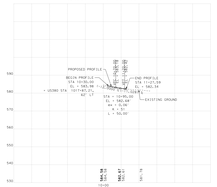
HOLLYHOCK RD (35mph)



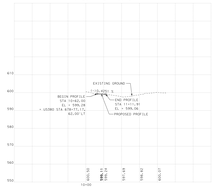
WINDSONG PKWY NB (35 mph)



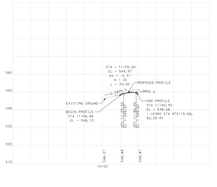
WINDSONG PKWY SB (35mph)



WALMART DR (30mph)



DOE CREEK RD (30mph)



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) (20-YR)	
49750	74850

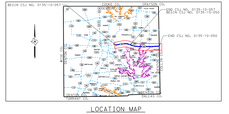
FUNCTIONAL CLASSIFICATION
URBAN PRINCIPAL ARTERIAL

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 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.

100% SUBMITTAL

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

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

DATE SUBMITTED
4/21/2017

DATE APPROVED
4/24/2017

DATE REVISED
4/4/2018

ROLL 15 OF 15

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation
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AECOM

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