5/30/2023 8:50:37 PM

c:\bms\bridgefarmer-pw\peterson.dayan@bridgefarmer.com\dms21941\038501-SCH-PP-07.dgn

Texas Department of Transportation

DALLAS DISTRICT
CEASON CLEMENS, PE, DISTRICT ENGINEER

60% DESIGN SCHEMATIC

US 287 FRONTAGE ROADS

ELLIS COUNTY

PROJECT LIMITS:

CSJ:	CSJ LIMITS:
0172-13-008	FROM: US67 TO MIDLOTHIAN PARKWAY
0172-05-127	FROM: MIDLOTHIAN PARKWAY TO BUS287

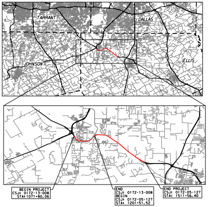
ROADWAY TYPE	DESIGN SPEED
MAINLANES	65 MPH
RAMPS	50 MPH
FRONTAGE ROADS	45 MPH
CROSS STREETS (MINIMUM)	30 MPH

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL (OTHER)
PROJECT LENGTH = 8.3 MILES

NOTES:

1. TYPICAL SECTIONS ARE NOT TO SCALE DIMENSIONS ARE TO FACE OF CURB.
2. CONTROL OF ACCESS TO BE DETERMINED AND FINALIZED THROUGH PERMIT PROCESS.
3. PROPOSED NOISE WALLS DETERMINED BY THE FEASIBILITY TO BE VALIDATED.
4. WHERE POSSIBLE, NEW AND REVISED EXIT AND ENTRANCE RAMPS ARE DESIGNED TO MEET THE DESIRABLE SPACING BETWEEN RAMPS AND DRIVEWAYS, SIDE STREETS OR CROSS STREETS.WHEN THE DESIRABLE SPACING CAN NOT BE ACHIEVED,CHANNELIZATION METHODS WILL BE IMPLIMENTED IN FINAL DESIGN.
5. WATER SURFACE ELEVATIONS SHOWN ARE 100 YEAR ELEVATIONS FROM FEMA MAPS AND FEASIBILITY STUDY.
6. SURVEY AND SUE PROVIDED BY THE FEASIBILITY STUDY (10/22/2020)
7. HORIZONTAL CURVE DATA IS SHOWN ON THE HORIZONTAL CURVE DATA SHEET. HORIZONTAL BASE LINE ALIGNMENTS BY OTHERS ARE SHOWN FOR REFERENCE. CURVE DATA IS NOT INCLUDED
8. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC WERE OBTAINED FROM TXDOT BOUNDARY SURVEY (10/31/2022).
9. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OF NOMINAL FACE OF CURB, RAIL BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
10. ALL RADII ARE 60' UINLESS OTHERWISE NOTED.

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.	PRELIMINARY, SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.


TARRANT
DALLAS
JOHNSON
ELLIS
BEGIN PROJECT
CSJ: 0172-13-008
STA: 1071+80.06
END
CSJ: 0172-13-008
BEGIN
CSJ: 0172-05-127
STA: 1201+51.52
END PROJECT
CSJ: 0172-05-127
STA: 1511+56.40

LOCATION MAP
N.T.S

BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
TBPE REGISTRATION NO. 264

SCALE: 1" = 100' HORIZONTAL
SCALE: 1" = 10' VERTICAL

PRELIMINARY FOR INTERIM REVIEW ONLY
THESE DOCUMENTS ARE FOR REVIEW AND ARE NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
JOHN NGUYEN	86489	09/20/23

EQUATIONS: NONE
RR CROSSINGS: UPRR

MARCH 17, 2023
ROLL 7 OF 23

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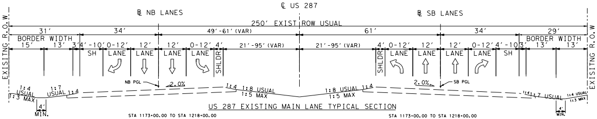
PLAN LEGEND:

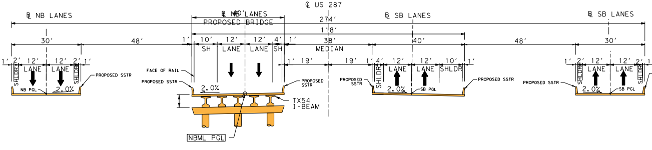
🟨	PROPOSED MAIN LANES
🟩	PROPOSED FRONTAGE RD/ CROSS ST
🟧	PROPOSED BRIDGE
🟪	PROPOSED SHARED-USE-PATH
🟥	PROPOSED SIDEWALK
🟦	PROPOSED RAMP
🟦	FEMA FLOODPLAIN
⬛	EXISITNG PAVEMENT
▨	BUILDING DISPLACEMENT
▨	PAVEMENT REMOVAL
——	PROPOSED SSTR
▬	ATTENUATOR
– – – –	PAVEMENT SAWCUT
—+—	CONTROL OF ACCESS
-·-·-·-	EXISTING RIGHT-OF-WAY
-·-·-·-	PROPOSED RIGHT-OF-WAY
— — —	EXISTING PROPERTY LINE
▬	PROPOSED RETAINING WALL
▭	PROPOSED DRAINAGE CULVERT
▭	EXISTING DRAINAGE CULVERT
XXXXXX	PARCEL ID
⟶	FLOW DIRECTION
···➤	DITCH FLOW LINE


℄ US 287
℞ NB LANES
℞ SB LANES
250' EXIST ROW USUAL
31'
34'
49'-61' (VAR)
61'
34'
29'
BORDER WIDTH
15'
13'
3'
4'-10'
0-12'
12'
12'
0-12'
4'
21'-95' (VAR)
21'-95' (VAR)
4'
0-12'
12'
12'
0-12'
4'-10'
3'
13'
13'
SH
LANE
LANE
LANE
LANE
SHLDR
SHLDR
LANE
LANE
LANE
LANE
SH
EXISTING R.O.W.
EXISTING R.O.W.
NB PGL
2.0%
SB PGL
2.0%
1:4
1:8 USUAL
1:5 MAX
1:8 USUAL
1:5 MAX
1:4
1:4
1:7 USUAL
1:3 MAX
1:7 USUAL
1:4 USUAL
1:3 MAX
1:4
4'
MIN.
4'
MIN.

US 287 EXISTING MAIN LANE TYPICAL SECTION

STA 1173+00.00 TO STA 1218+00.00
STA 1285+00.00 TO STA 1317+00.00
STA 1457+00.00 TO STA 1510+00.00

STA 1173+00.00 TO STA 1218+00.00
STA 1285+00.00 TO STA 1317+00.00
STA 1457+00.00 TO STA 1510+00.00


℄ US 287
℞ NB LANES
℞ NB LANES
40'
PROPOSED BRIDGE
℞ SB LANES
℞ SB LANES
274'
118'
30'
48'
1'
10'
12'
12'
4'
1'
38'
MEDIAN
40'
48'
30'
1'
2'
12'
12'
2'
1'
SHLDR
LANE
LANE
SHLDR
SH
LANE
LANE
SH
1'
19'
19'
1'
4'
12'
12'
10'
1'
SHLDR
LANE
LANE
SHLDR
NB PGL
2.0%
PROPOSED SSTR
FACE OF RAIL
PROPOSED SSTR
2.0%
PROPOSED SSTR
TX54 I-BEAM
NBML PGL
PROPOSED SSTR
2.0%
SB PGL
PROPOSED SSTR
2.0%
SB PGL

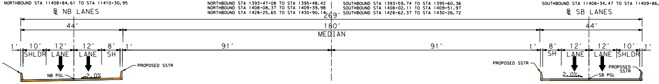
PROPOSED NORTHBOUND AND SOUTHBOUND BRIDGES TYPICAL SECTIONS

NORTHBOUND STA 1393+47+08 TO STA 1395+48.42
NORTHBOUND STA 1408+08.37 TO STA 1409+39.98
NORTHBOUND STA 1428+25.65 TO STA 1430+90.14

SOUTHBOUND STA 1393+59.74 TO STA 1395+60.36
SOUTHBOUND STA 1408+02.11 TO STA 1409+51.97
SOUTHBOUND STA 1428+62.37 TO STA 1430+26.72

NORTHBOUND STA 11408+84.61 TO STA 11410+30.95

SOUTHBOUND STA 11408+34.47 TO STA 11409+86.

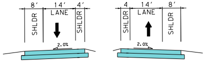

℄ US 287
℞ NB LANES
℞ SB LANES
269'
44'
180'
MEDIAN
44'
1'
10'
12'
12'
8'
1'
91'
91'
1'
8'
12'
12'
10'
1'
SHLDR
LANE
LANE
SH
SH
LANE
LANE
SHLDR
NB PGL
2.0%
PROPOSED SSTR
PROPOSED SSTR
PROPOSED SSTR
2.0%
SB PGL

PROPOSED NORTHBOUND AND SOUTHBOUND BRIDGES TYPICAL SECTIONS

NORTHBOUND STA 1497+45.92 TO STA 1499+46.72

SOUTHBOUND STA 1498+68.38 TO STA 1500+69.27

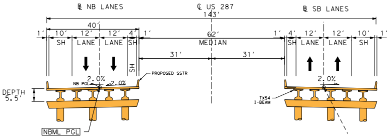
PARCEL ID	OWNER	PROPERTY IMPACT	AREA (ACRES)
243	APPLETON RONALD	N / A	N / A
244	APPLETON RONALD L ETAL	N / A	N / A
245	THOMPSON JOANN G	N / A	N / A
246	NORTH TEXAS BEHAVIORAL CLINIC LLC	N / A	N / A
247	THOMPSON JOANN G	N / A	N / A
248	SUMEER INC	N / A	N / A
249	THOMPSON JOANN G	N / A	N / A
250	SCHUSTER LINDA S	N / A	N / A
251	APRACE INVESTMENTS LLC	N / A	N / A
252	CHAPMAN ERIC	N / A	N / A
253	THOMPSON JOANN G	N / A	N / A
254	LINDSEY MICHAEL S & VIKKI	N / A	N / A
255	ROY LINDA SUE	N / A	N / A
256	DAVIES CYNTHIA	N / A	N / A
257	MOSELEY JONI E ETAL	N / A	N / A
258	UNARUT CHRISTINA V	N / A	N / A
259	SHEFFIELD PROPERTIES INC	N / A	N / A
260	HAMAN CAROLYN J.	N / A	N / A
261	WILLIAMS ELDENA MOSELEY	N / A	N / A
262	HAMAN CAROLYN J.	N / A	N / A
263	MOSELEY C.C. & MOSELEY ELMERRE	N / A	N / A
264	WAXAHACHIE ISD	N / A	N / A
265	SHELTON TRESSIE MARIE	N / A	N / A
267	SARDIS UNITED METHODIST CHURCH	N / A	N / A
269	TERRY MARVIN ADAIR	N / A	N / A
271	MC GEE JOE	N / A	N / A
273	MC GEE JOE	N / A	N / A
275-A	HASS JOHNNY R	N / A	N / A
275-B	SARDIS UNITED METHODIST CHURCH	N / A	N / A


8'
14'
4'
SHLDR
LANE
SHLDR
2.0%
4
14'
8'
SHLDR
LANE
SHLDR
2.0%

PROPOSED RAMP TYPICAL SECTION

PROPOSED TYPICAL SECTION NB RAMP

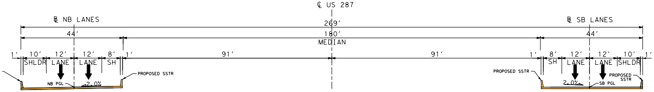
PROPOSED TYPICAL SECTION SB RAMP


℞ NB LANES
℄ US 287
℞ SB LANES
143'
40'
1'
10'
12'
12'
4'
1'
62'
MEDIAN
1'
4'
12'
12'
10'
1'
SH
LANE
LANE
SH
SH
LANE
LANE
SH
31'
31'
SH
PROPOSED SSTR
NB PGL
2.0%
2.0%
2.0%
DEPTH
5.5'
TX54
I-BEAM
NBML PGL

PROPOSED NORTHBOUND AND SOUTHBOUND BRIDGES TYPICAL SECTIONS

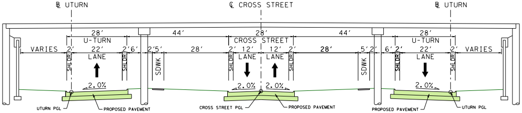
NORTHBOUND STA 1460+16.13 TO STA 1462+16.32

SOUTHBOUND STA 1460+32.23 TO STA 1462+32.280


℄ US 287
℞ NB LANES
℞ SB LANES
269′
44′
180′
MEDIAN
44′
1′ 10′ 12′ 12′ 8′ 1′
SHLDR LANE LANE SH
91′
91′
1′ 8′ 12′ 12′ 10′ 1′
SH LANE LANE SHLDR
PROPOSED SSTR
NB PGL
2.0%
PROPOSED SSTR
2.0%
SB PGL
PROPOSED SSTR

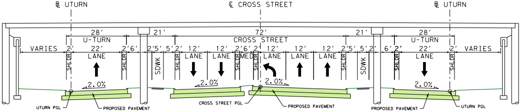
PROPOSED NORTHBOUND AND SOUTHBOUND BRIDGES TYPICAL SECTIONS

NORTHBOUND STA 1497+45.92 TO STA 1499+46.72 SOUTHBOUND STA 1498+68.38 TO STA 1500+69.27


℞ UTURN
℄ CROSS STREET
℞ UTURN
28′
U-TURN
44′
28′
CROSS STREET
44′
28′
U-TURN
VARIES
2′ 22′ 2′ 6′
LANE
2′ 5′
28′
2′ 12′ 12′ 2′
LANE LANE
28′
5′ 2′ 6′
2′ 22′ 2′
LANE
VARIES
SHLDR
SDWK
SHLDR
SHLDR
SDWK
SHLDR
SHLDR
2.0%
2.0%
2.0%
2.0%
UTURN PGL
PROPOSED PAVEMENT
CROSS STREET PGL
PROPOSED PAVEMENT
PROPOSED PAVEMENT
UTURN PGL

CROSS STREET TYPICAL SECTION

ONWARD RD
STOUT RD
REX ODOM DR
SARDIS ST


℞ UTURN
℄ CROSS STREET
℞ UTURN
28′
U-TURN
21′
72′
CROSS STREET
21′
28′
U-TURN
VARIES
2′ 22′ 2′ 6′
LANE
2′ 5′ 5′ 2′ 12′ 12′ 2′ 6′ 2′ 12′ 12′ 12′ 2′ 5′ 5′ 2′ 6′
LANE LANE MEDIAN LANE LANE LANE
2′ 22′ 2′
LANE
VARIES
SHLDR
SDWK
SHLDR
SHLDR
SHLDR
SHLDR
SDWK
SHLDR
SHLDR
2.0%
2.0%
2.0%
2.0%
UTURN PGL
PROPOSED PAVEMENT
CROSS STREET PGL
PROPOSED PAVEMENT
PROPOSED PAVEMENT
UTURN PGL

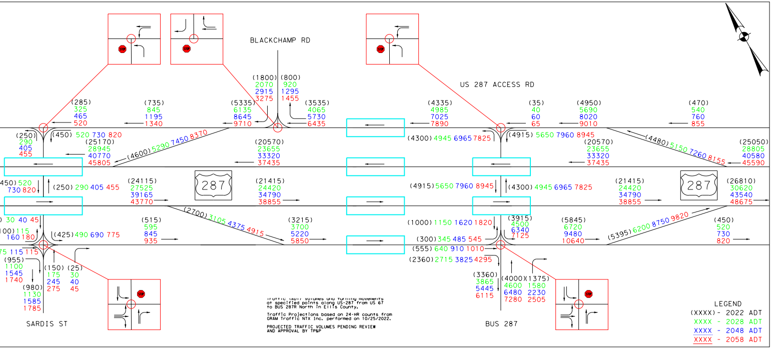
CROSS STREET TYPICAL SECTION

PRESIDENTIAL PARKWAY
BUS 287

NOTE: CROSS STREETS ARE BUILT FOR FOUR-LANE ULTIMATE AS SHOWN, BUT STRIPPED FOR TWO-LANE WITH TURN LANES

PROPOSED SSTR

34

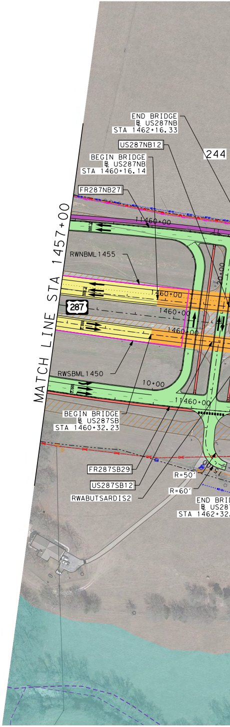

BLACKCHAMP RD
US 287 ACCESS RD
SARDIS ST
BUS 287
287
287
(1800) 2070 2915 3275
(800) 920 1295 1455
(285) 325 465 520
(735) 845 1195 1340
(5335) 6135 8645 9710
(3535) 4065 5730 6435
(4335) 4985 7025 7890
(35) 40 60 65
(4950) 5690 8020 9010
(470) 540 760 855
(250) 290 405 455
(450) 520 730 820
(25170) 28945 40770 45805
(4600) 5290 7450 8370
(20570) 23655 33320 37435
(4300) 4945 6965 7825
(4915) 5650 7960 8945
(20570) 23655 33320 37435
(4480) 5150 7260 8155
(25050) 28805 40580 45590
450) 520 730 820
(250) 290 405 455
(24115) 27525 39165 43770
(21415) 24420 34790 38855
(4915) 5650 7960 8945
(4300) 4945 6965 7825
(21415) 24420 34790 38855
(26810) 30620 43540 48675
) 30 40 45
00) 115 160 180
(425) 490 690 775
(2700) 3105 4375 4915
(515) 595 845 935
(3215) 3700 5220 5850
(1000) 1150 1620 1820
(3915) 4500 6340 7125
(5845) 6720 9480 10640
(5395) 6200 8750 9820
(450) 520 730 820
75 115 115
(300) 345 485 545
(555) 640 910 1010
(2360) 2715 3825 4295
(955) 1100 1545 1740
(150) 175 245 275
(25) 30 40 45
(980) 1130 1585 1785
(3360) 3865 5445 6115
(4000) 4600 6480 7280
(1375) 1580 2230 2505

Traffic (ADT) volumes and turning movements at specified points along US-287 from US 67 to BUS 287R North in Ellis County.

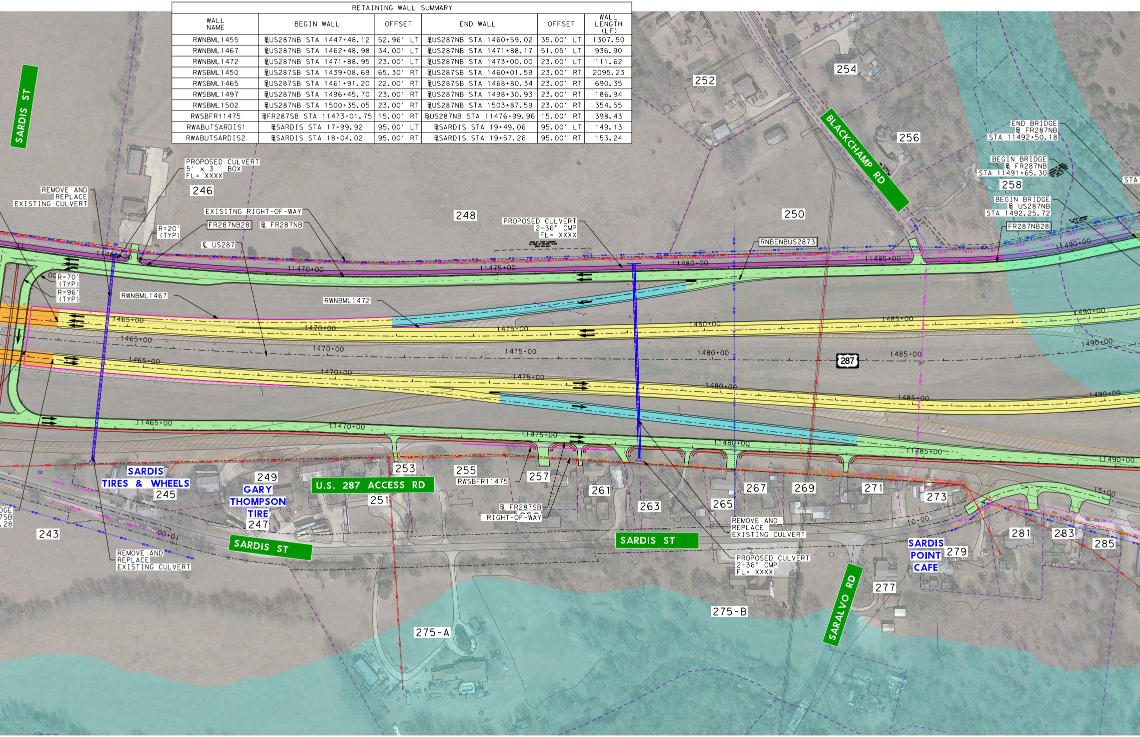
Traffic Projections based on 24-HR counts from GRAM Traffic NTX Inc. performed on 10/25/2022.

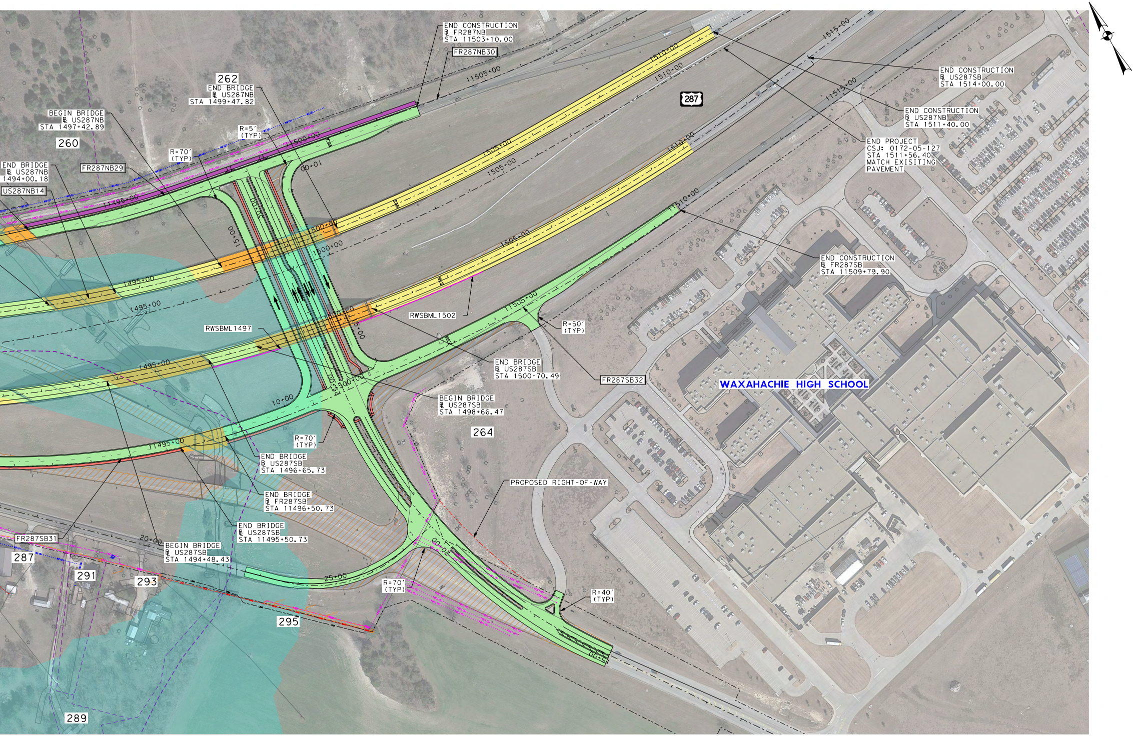
PROJECTED TRAFFIC VOLUMES PENDING REVIEW AND APPROVAL BY TP&P

LEGEND
(XXXX) - 2022 ADT
XXXX - 2028 ADT
XXXX - 2048 ADT
XXXX - 2058 ADT


MATCH LINE STA 1457+00
END BRIDGE
℞ US287NB
STA 1462+16.33
US287NB12
244
BEGIN BRIDGE
℞ US287NB
STA 1460+16.14
FR287NB27
1460+00
RWNBML1455
287
1460+00
1460+00
1460+00
RWSBML1450
10+00
1460+00
BEGIN BRIDGE
℞ US287SB
STA 1460+32.23
FR287SB29
US287SB12
RWABUTSARDIS2
R=50′
R=60′
END BRI
℞ US28
STA 1462+32.

RETAINING WALL SUMMARY					
WALL NAME	BEGIN WALL	OFFSET	END WALL	OFFSET	WALL LENGTH (LF)
RWNBML1455	BL US287NB STA 1447+48.12	52.96′ LT	BL US287NB STA 1460+59.02	35.00′ LT	1307.50
RWNBML1467	BL US287NB STA 1462+48.98	34.00′ LT	BL US287NB STA 1471+88.17	51.05′ LT	936.90
RWNBML1472	BL US287NB STA 1471+88.95	23.00′ LT	BL US287NB STA 1473+00.00	23.00′ LT	111.62
RWSBML1450	BL US287SB STA 1439+08.69	65.30′ RT	BL US287SB STA 1460+01.59	23.00′ RT	2095.23
RWSBML1465	BL US287SB STA 1461+91.20	22.00′ RT	BL US287SB STA 1468+80.34	23.00′ RT	690.35
RWSBML1497	BL US287NB STA 1496+45.70	23.00′ RT	BL US287NB STA 1498+30.93	23.00′ RT	186.94
RWSBML1502	BL US287NB STA 1500+35.05	23.00′ RT	BL US287NB STA 1503+87.59	23.00′ RT	354.55
RWSBFR11475	BL FR287SB STA 11473+01.75	15.00′ RT	BL US287NB STA 11476+99.96	15.00′ RT	398.43
RWABUTSARDIS1	BL SARDIS STA 17+99.92	95.00′ LT	BL SARDIS STA 19+49.06	95.00′ LT	149.13
RWABUTSARDIS2	BL SARDIS STA 18+04.02	95.00′ RT	BL SARDIS STA 19+57.26	95.00′ RT	153.24


SARDIS ST
PROPOSED CULVERT 5′ x 3 ′ BOX FL= XXXX
246
REMOVE AND REPLACE EXISTING CULVERT
EXISITNG RIGHT-OF-WAY
FR287NB28
BL FR287NB
R=20′ (TYP)
℄ US287
248
PROPOSED CULVERT 2-36" CMP FL= XXXX
250
252
254
256
BLACKCHAMP RD
END BRIDGE BL FR287NB STA 11492+50.18
BEGIN BRIDGE BL FR287NB STA 11491+65.30
258
BEGIN BRIDGE BL US287NB STA 1492.25.72
FR287NB28
RNBENBUS2873
R=70′ (TYP)
R=96′ (TYP)
RWNBML1467
RWNBML1472
11465+00
11470+00
11475+00
11480+00
11485+00
11490+00
1465+00
1470+00
1475+00
1480+00
1485+00
1490+00
287
SARDIS TIRES & WHEELS
245
249
GARY THOMPSON TIRE
247
253
U.S. 287 ACCESS RD
251
255
RWSBFR11475
257
BL FR287SB
RIGHT-OF-WAY
261
263
265
267
269
271
273
REMOVE AND REPLACE EXISTING CULVERT
PROPOSED CULVERT 2-36" CMP FL= XXXX
243
REMOVE AND REPLACE EXISTING CULVERT
SARDIS ST
SARDIS ST
SARALVO RD
SARDIS POINT CAFE
279
277
281
283
285
275-A
275-B
10+00
15+00


END CONSTRUCTION
℄ FR287NB
STA 11503+10.00
FR287NB30
262
END BRIDGE
℄ US287NB
STA 1499+47.82
BEGIN BRIDGE
℄ US287NB
STA 1497+42.89
260
R=5'
(TYP)
R=70'
(TYP)
END BRIDGE
℄ US287NB
1494+00.18
FR287NB29
US287NB14
11505+00
1510+00
1510+00
287
1515+00
11515+00
1505+00
1505+00
1500+00
1500+00
1495+00
1495+00
1495+00
11500+00
11495+00
11505+00
1510+00
11510+00
15+00
10+00
20+00
25+00
END CONSTRUCTION
℄ US287SB
STA 1514+00.00
END CONSTRUCTION
℄ US287NB
STA 1511+40.00
END PROJECT
CSJ: 0172-05-127
STA 1511+56.40
MATCH EXISITING
PAVEMENT
END CONSTRUCTION
℄ FR287SB
STA 11509+79.90
RWSBML1502
RWSBML1497
R=50'
(TYP)
END BRIDGE
℄ US287SB
STA 1500+70.49
FR287SB32
BEGIN BRIDGE
℄ US287SB
STA 1498+66.47
264
WAXAHACHIE HIGH SCHOOL
R=70'
(TYP)
END BRIDGE
℄ US287SB
STA 1496+65.73
END BRIDGE
℄ FR287SB
STA 11496+50.73
END BRIDGE
℄ US287SB
STA 11495+50.73
PROPOSED RIGHT-OF-WAY
FR287SB31
BEGIN BRIDGE
℄ US287SB
STA 1494+48.43
287
291
293
295
289
R=70'
(TYP)
R=40'
(TYP)

Texas Department of Transportation

DALLAS DISTRICT
CEASON CLEMENS, PE, DISTRICT ENGINEER

60% DESIGN SCHEMATIC

US 287 FRONTAGE ROADS
ELLIS COUNTY

PROJECT LIMITS:

CSJ:	CSJ LIMITS:
0172-13-008	FROM: US67 TO MIDLOTHIAN PARKWAY
0172-05-127	FROM: MIDLOTHIAN PARKWAY TO BUS287

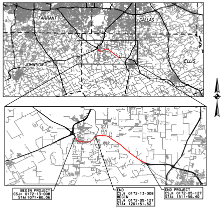
ROADWAY TYPE	DESIGN SPEED
MAINLANES	65 MPH
RAMPS	50 MPH
FRONTAGE ROADS	45 MPH
CROSS STREETS (MINIMUM)	30 MPH

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL (OTHER)
PROJECT LENGTH = 8.3 MILES

NOTES:

1. TYPICAL SECTIONS ARE NOT TO SCALE DIMENSIONS ARE TO FACE OF CURB.
2. CONTROL OF ACCESS TO BE DETERMINED AND FINALIZED THROUGH PERMIT PROCESS.
3. PROPOSED NOISE WALLS DETERMINED BY THE FEASIBILITY TO BE VALIDATED.
4. WHERE POSSIBLE, NEW AND REVISED EXIT AND ENTRANCE RAMPS ARE DESIGNED TO MEET THE DESIRABLE SPACING BETWEEN RAMPS AND DRIVEWAYS, SIDE STREETS OR CROSS STREETS.WHEN THE DESIRABLE SPACING CAN NOT BE ACHIEVED,CHANNELIZATION METHODS WILL BE IMPLIMENTED IN FINAL DESIGN.
5. WATER SURFACE ELEVATIONS SHOWN ARE 100 YEAR ELEVATIONS FROM FEMA MAPS AND FEASIBILITY STUDY.
6. SURVEY AND SUE PROVIDED BY THE FEASIBILITY STUDY (10/22/2020)
7. HORIZONTAL CURVE DATA IS SHOWN ON THE HORIZONTAL CURVE DATA SHEET. HORIZONTAL BASE LINE ALIGNMENTS BY OTHERS ARE SHOWN FOR REFERENCE. CURVE DATA IS NOT INCLUDED
8. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC WERE OBTAINED FROM TXDOT BOUNDARY SURVEY (10/31/2022).
9. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OF NOMINAL FACE OF CURB, RAIL BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
10. ALL RADII ARE 60' UINLESS OTHERWISE NOTED.

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.	PRELIMINARY, SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.


TARRANT
DALLAS
JOHNSON
ELLIS
BEGIN PROJECT
CSJ: 0172-13-008
STA:1071+80.06
END
CSJ: 0172-13-008
BEGIN
CSJ: 0172-05-127
STA: 1201+51.52
END PROJECT
CSJ: 0172-05-127
STA: 1511+56.40

LOCATION MAP
N.T.S

BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
TBPE REGISTRATION NO. 264

50 0 50 100
SCALE: 1" = 100' HORIZONTAL

5 0 5 10
SCALE: 1" = 10' VERTICAL

PRELIMINARY FOR INTERIM REVIEW ONLY
THESE DOCUMENTS ARE FOR REVIEW AND ARE NOT
INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.
THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
JOHN NGUYEN	86489	[illegible]

EQUATIONS: NONE
RR CROSSINGS: UPRR

MARCH 17, 2023
ROLL 7 OF 23

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