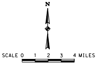
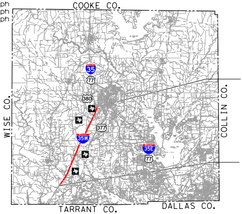
Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MO BUR, P.E., DISTRICT ENGINEER
DENTON COUNTY
IH 35W FRONTAGE ROADS
PROJECT LIMIT: FROM DALE EARNHARDT WAY
TO SOUTH OF IH 35E/IH 35W INTERCHANGE
CONTROL: 0081-13-065
FUNCTIONAL CLASS: RURAL INTERSTATE
PROJECT LENGTH = 12.405 MILES (65,498.99 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS	50 mph
FRONTAGE ROADS	45 mph
CROSS STREETS	45 mph


N
SCALE 0 1 2 3 4 MILES


COOKE CO.
WISE CO.
COLLIN CO.
TARRANT CO.
DALLAS CO.
35
77
380
377
35W
35E
77

END PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 104+09.09
TRM 84+0.478
END CSJ: 0081-13-065

BEGIN PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 219+83.68
TRM 72+0.450
BEGIN CSJ: 0081-13-065

EQUATION:
℄ IH 35W STA. 870+73.58=
℄ IH 35W STA. 100+00.00 (BY OTHERS)

LOCATION MAP
MARCH 2020
SCALE: 1"=100'
ROLL 10 OF 34

SHEET INDEX

ROLL 1:	PLAN VIEW-IH 35W FRONTAGE ROADS BEGIN PROJECT TO STA 241+00
ROLL 2:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 241+00 TO STA 310+00
ROLL 3:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 310+00 TO STA 379+00
ROLL 4:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 379+00 TO STA 448+00
ROLL 5:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 448+00 TO STA 517+00
ROLL 6:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 517+00 TO STA 586+00
ROLL 7:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 586+00 TO STA 655+00
ROLL 8:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 655+00 TO STA 724+00
ROLL 9:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 724+00 TO STA 793+00
ROLL 10:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 793+00 TO STA 862+00
ROLL 11:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 862+00 TO END PROJECT
ROLL 12:	PROFILE VIEW-IH 35W NBFR BEGIN PROJECT TO STA 416+00
ROLL 13:	PROFILE VIEW-IH 35W NBFR STA 416+00 TO STA 604+00
ROLL 14:	PROFILE VIEW-IH 35W NBFR STA 604+00 TO STA 792+00
ROLL 15:	PROFILE VIEW-IH 35W NBFR STA 792+00 TO END PROJECT
ROLL 16:	PROFILE VIEW-IH 35W SBFR BEGIN PROJECT TO STA 415+00
ROLL 17:	PROFILE VIEW-IH 35W SBFR STA 415+00 TO STA 603+00
ROLL 18:	PROFILE VIEW-IH 35W SBFR STA 603+00 TO STA 791+00
ROLL 19:	PROFILE VIEW-IH 35W SBFR STA 791+00 TO STA END PROJECT
ROLL 20:	PROFILE VIEW-IH 35W NBML BEGIN PROJECT TO STA 1388+00
ROLL 21:	PROFILE VIEW-IH 35W NBML STA 1388+00 TO STA 1576+00
ROLL 22:	PROFILE VIEW-IH 35W NBML STA 1576+00 TO 1764+00
ROLL 23:	PROFILE VIEW-IH 35W NBML STA 1764+00 TO END PROJECT
ROLL 24:	PROFILE VIEW-IH 35W SBML BEGIN PROJECT TO STA 2386+00
ROLL 25:	PROFILE VIEW-IH 35W SBML STA 2386+00 TO STA 2574+00
ROLL 26:	PROFILE VIEW-IH 35W SBML STA 2574+00 TO STA 2762+00
ROLL 27:	PROFILE VIEW-IH 35W SBML STA 2762+00 TO END PROJECT
ROLL 28:	PROFILE VIEW-IH 35W NB RAMPS
ROLL 29:	PROFILE VIEW-IH 35W NB RAMPS
ROLL 30:	PROFILE VIEW-IH 35W SB RAMPS
ROLL 31:	PROFILE VIEW-IH 35W SB RAMPS
ROLL 32:	PROFILE VIEW-IH 35W CROSS STREETS
ROLL 33:	PROFILE VIEW-IH 35W CROSS STREETS
ROLL 34:	PROFILE VIEW-IH 35W CROSS STREETS

Jacobs

PRELIMINARY FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
JESUS GONZALEZ JR., P.E.	111427	04/08/2020

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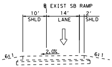
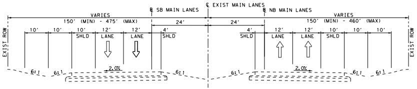
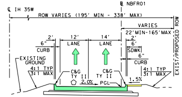
4/7/2020
I-35W-Sch10.dgn


℄ EXIST SB RAMP
10'
SHLD
14'
LANE
2'
SHLD
2.0%
6:1
6:1

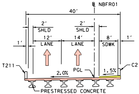
EXISTING TYPICAL SECTION
SB RAMPS


℄ EXIST MAIN LANES
℄ SB MAIN LANES
℄ NB MAIN LANES
VARIES
150' (MIN) - 475' (MAX)
VARIES
150' (MIN) - 460' (MAX)
24'
24'
10'
10'
10'
SHLD
12'
LANE
12'
LANE
4'
SHLD
4'
SHLD
12'
LANE
12'
LANE
10'
SHLD
10'
10'
EXIST ROW
EXIST ROW
2.0%
2.0%
6:1
6:1
6:1
6:1
6:1
6:1

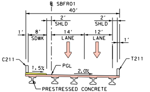
EXISTING TYPICAL SECTION MAIN LANES


℄ IH 35W
℄ NBFR01
ROW VARIES (195' MIN - 338' MAX)
VARIES
22'MIN-165'MAX
2'
6"
CURB
12'
LANE
14'
LANE
2'
6'
SDWK
6"
CURB
EXISTING GROUND
4:1 TYP
3:1 MAX
C&G TY II
C&G TY II
2.0%
PGL
1.5%
4:1 TYP
3:1 MAX
EXIST/PROPOSED ROW

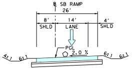
⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED TYPICAL SECTION FRONTAGE ROAD
NBFR01 STA 822+10.00 - STA 832+08.10
NBFR01 STA 852+11.01 - STA 862+60.01


℄ NBFR01
40'
2'
SHLD
2'
SHLD
1'
12'
LANE
14'
LANE
8'
SDWK
1'
T211
C211
2.0%
PGL
1.5%

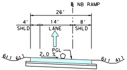
PRESTRESSED CONCRETE BEAM TYPE TX54, TYP
PROPOSED FRONTAGE ROAD BRIDGE
TYPICAL SECTION
NBFR01 STA 796+90.00 - STA 802+60.00
NBFR01 STA 810+85.00 - STA 822+10.00


℄ SBFR01
40'
2'
SHLD
2'
SHLD
1'
8'
SDWK
14'
LANE
12'
LANE
1'
C211
T211
1.5%
PGL
2.0%

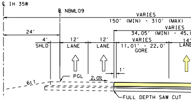
PRESTRESSED CONCRETE BEAM TYPE TX54, TYP
PROPOSED FRONTAGE ROAD BRIDGE
TYPICAL SECTION
SBFR01 STA 796+10.00 - STA 802+52.00
SBFR01 STA 810+40.00 - STA 822+90.00


℄ SB RAMP
26'
8'
SHLD
14'
LANE
4'
SHLD
PGL
2.0 %
4:1
6:1
6:1
6:1

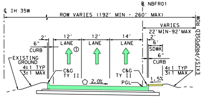
⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED ENTRANCE & EXIT RAMPS
TYPICAL SECTION
SBXR866 STA 14+58.09 - STA 22+13.85


℄ NB RAMP
26'
4'
SHLD
14'
LANE
8'
SHLD
PGL
2.0 %
6:1
6:1
6:1
4:1

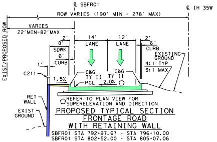
⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED ENTRANCE &
EXIT RAMPS
TYPICAL SECTION
NBXR825 STA 16+36.01 - STA 22+81.13
NBER858 STA 13+22.36 - STA 22+26.12


℄ IH 35W
℄ NBML09
VARIES
150' (MIN) - 310' (MAX)
VARIES
34.05' (MIN) - 45.0
24'
4'
SHLD
12'
LANE
12'
LANE
VARIES
11.01' - 22.0'
GORE
14'
LANE
1'
PGL
2.0%
6:1
FULL DEPTH SAW CUT

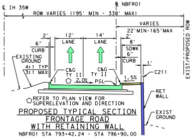
PROPOSED WIDENING TYPICAL SECTIO
NBML09 STA 1860+55.75 - STA 1862+0


℄ IH 35W
℄ NBFR01
ROW VARIES (192' MIN - 260' MAX)
VARIES
22'MIN-92'MAX
2'
6"
CURB
12'
LANE
①
12'
LANE
14'
LANE
2'
6'
SDWK
6"
CURB
EXISTING GROUND
4:1 TYP
3:1 MAX
C&G TY II
C&G TY II
2.0%
PGL
1.5%
4:1 TYP
3:1 MAX
EXIST/PROPOSED ROW

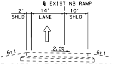
⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED TYPICAL SECTION FRONTAGE ROAD
NBFR01 STA 832+08.10 - STA 852+11.00


℄ SBFR01
℄ IH 35W
ROW VARIES (190' MIN - 278' MAX)
VARIES
22'MIN-82'MAX
EXIST/PROPOSED ROW
2'
8'
SDWK
6"
CURB
1'
C211
14'
LANE
12'
LANE
2'
6"
CURB
EXISTING GROUND
4:1 TYP
3:1 MAX
C&G TY II
C&G TY II
1.5%
PGL
2.0%
RET WALL
EXIST GROUND

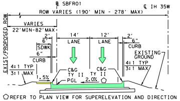
⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED TYPICAL SECTION
FRONTAGE ROAD
WITH RETAINING WALL
SBFR01 STA 792+97.67 - STA 796+10.00
SBFR01 STA 802+52.00 - STA 805+07.06


℄ IH 35W
℄ NBFR01
ROW VARIES (195' MIN - 338' MAX)
VARIES
22'MIN-165'MAX
2'
6"
CURB
12'
LANE
14'
LANE
2'
8'
SDWK
6"
CURB
1'
C211
EXISTING GROUND
4:1 TYP
3:1 MAX
C&G TY II
C&G TY II
2.0%
PGL
1.5%
RET WALL
EXIST GROUND
EXIST/PROPOSED ROW

⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED TYPICAL SECTION
FRONTAGE ROAD
WITH RETAINING WALL
NBFR01 STA 793+42.24 - STA 796+90.00
NBFR01 STA 802+60.00 - STA 810+85.00


℄ EXIST NB RAMP
2'
SHLD
14'
LANE
10'
SHLD
2.0%
6:1
6:1

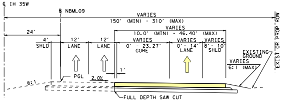
EXISTING TYPICAL SECTION
NB RAMPS


℄ SBFR01
℄ IH 35W
ROW VARIES (190' MIN - 278' MAX)
VARIES
22'MIN-82'MAX
EXIST/PROPOSED ROW
2'
6'
SDWK
6"
CURB
14'
LANE
12'
LANE
2'
6"
CURB
EXISTING GROUND
4:1 TYP
3:1 MAX
4:1 TYP
3:1 MAX
1.5%
C&G TY II
C&G TY II
PGL
2.0%

⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION

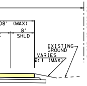
PROPOSED TYPICAL SECTION FRONTAGE ROAD

SBFR01 STA 805+07.06 - STA 810+40.00
SBFR01 STA 822+90.00 - STA 837+85.69
SBFR01 STA 854+23.91 - STA 857+73.11


℄ IH 35W
℄ NBML09
VARIES
150' (MIN) - 310' (MAX)
VARIES
10.0' (MIN) - 46.40' (MAX)
24'
4'
SHLD
12'
LANE
12'
LANE
VARIES
0' - 23.27'
GORE
VARIES
0' - 14'
LANE
VARIES
8' - 10'
SHLD
EXISTING GROUND
VARIES
6:1 (MAX)
EXIST OR PROP ROW
1'
PGL
2.0%
6:1
FULL DEPTH SAW CUT

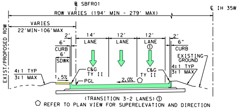
PROPOSED WIDENING TYPICAL SECTION MAIN LANES

NBML09 STA 1819+88.47 - STA 1825+23.19


08' (MAX)
8'
SHLD
EXISTING GROUND
VARIES
6:1 (MAX)
EXIST OR PROP ROW

N MAIN LANES

2.53

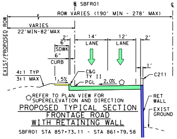

℄ SBFR01
℄ IH 35W
ROW VARIES (194' MIN - 279' MAX)
VARIES
22'MIN-106'MAX
EXIST/PROPOSED ROW
2'
6"
CURB
6'
SDWK
14'
LANE
12'
LANE
12'
LANE
①
2'
6"
CURB
EXISTING GROUND
4:1 TYP
3:1 MAX
4:1 TYP
3:1 MAX
1.5%
C&G TY II
C&G TY II
PGL
2.0%

(TRANSITION 3-2 LANES) ①

⬠ REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION

PROPOSED FRONTAGE ROAD TYPICAL SECTION

SBFR01 STA 837+85.69 - STA 854+23.91 ①


℄ SBFR01
℄ IH 35W
ROW VARIES (190' MIN - 278' MAX)
VARIES
22'MIN-82'MAX
EXIST/PROPOSED ROW
2'
6'
SDWK
6"
CURB
14'
LANE
12'
LANE
2'
1'
C211
4:1 TYP
3:1 MAX
1.5%
C&G TY II
PGL
2.0%
RET WALL
EXIST GROUND

⬠REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION

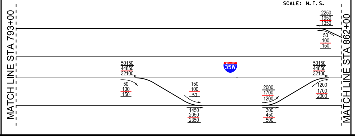
PROPOSED TYPICAL SECTION
FRONTAGE ROAD
WITH RETAINING WALL

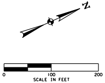
SBFR01 STA 857+73.11 - STA 861+79.58

REASSIGNED TRAFFIC BASED ON PROPOSED SCHEMATIC. ORIGINAL NUMBERS PROVIDED BY TEXAS DEPARTMENT OF TRANSPORTATION; TRANSPORTATION PROGRAMMING AND PLANNING DIVISION FOR YEARS 2025, 2045, 2055. DATED AUGUST 27, 2019, MODIFIED BY HNTB OCTOBER 25, 2019.

LEGEND
1000- 2025 ADT
1000- 2045 ADT
1000- 2055 ADT

SCALE: N.T.S.


MATCH LINE STA 793+00
MATCH LINE STA 862+00
35W
50150
44850
32100
50
100
150
150
100
50
1450
2050
2350
2000
1700
1200
300
450
500
50150
44850
32100
1200
1700
2000
2250
1950
1350
50
100
150


N
0
100
200
SCALE IN FEET

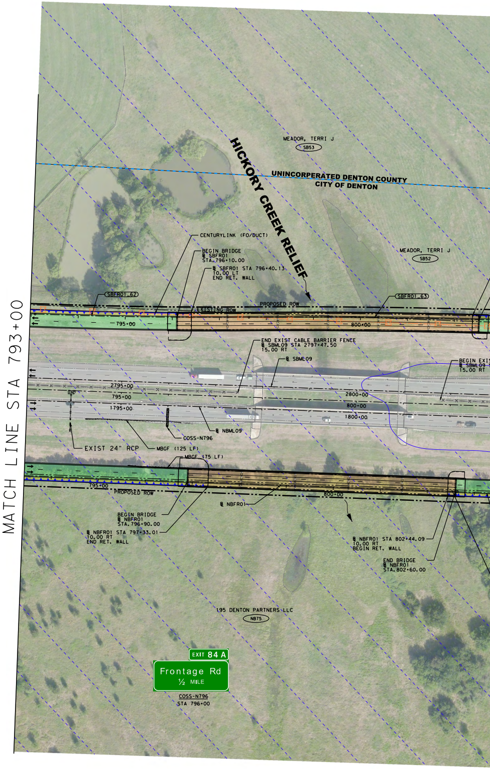
LEGEND

🟨	PROPOSED MAINLANES
🟦	PROPOSED RAMPS
🟩	PROPOSED FRONTAGE ROADS
🟪	PROPOSED CROSS STREETS
🟧	PROPOSED BRIDGE
🟫	PROPOSED DRIVEWAYS
🟨	PROPOSED SIDEWALK
🟩	PROPOSED SIDEWALK (BY OTHERS)
⬜	PROPOSED PAVEMENT (BY OTHERS)
🟦	PROPOSED BRIDGE (BY OTHERS)
🟥	EXISTING BRIDGE (TO REMAIN)
▨	EXISTING PAVEMENT REMOVAL
▨	EXISTING DRAINAGE DITCH REMOVAL
······	PROPOSED RETAINING WALL
‖‖	EXISTING DENIAL-OF-ACCESS
— · —	PROPOSED RIGHT-OF-WAY (R.O.W.)
— · —	PROPOSED RIGHT-OF-WAY (R.O.W.) (BY OTHERS)
— —	EXISTING RIGHT-OF-WAY (R.O.W.)
- - -	PROPOSED DRAINAGE EASEMENT
- - -	EXISTING DRAINAGE EASEMENT
——	EXISTING PROPERTY LINES
▨	EXISTING 100-YEAR FLOODPLAIN
—×—	EXISTING CABLE BARRIER FENCE
—××—	PROPOSED CABLE BARRIER FENCE
- - -	CITY LIMITS

Parcel Number	Denton County Property	Owner Name
SB52	37340	MEADOR, TERRI J
SB53	37343	MEADOR, TERRI J
SB54	37093	MEADOR, TERRI J
SB55	733774	HAMMER, ROBERT
SB56	75204	MASON, JAMES F TRUSTEE
SB57	37895	MASON, JAMES F TRUSTEE
SB58	464870	MASON, JAMES F TRUSTEE
SB58A	464869	MASON, JAMES F TRUSTEE
SB59	464739	SCHLUMBERGER TECHNOLOGY
SB60	464738	SCG GRANITE POINT BUSINESS
SB61	145693	SADEGHIAN, KHOSROW TRTS OF KAMY REAL PROPERTY TRUST
SB62	128465	MILLER, SHARON LEE
SB63	128467	WDMI LLC
SB64	223198	LATTIMORE MATERIALS CO LP
NB75	162869	195 DENTON PARTNERS LLC
NB76	37324	195 DENTON PARTNERS LLC
NB77	162864	195 DENTON PARTNERS LLC
NB78	162865	197 DENTON PARTNERS LLC
NB79	162867	195 DENTON PARTNERS LLC
NB80	76187	ECCLESIASTICAL EQUITY, LP
NB81	113156	ECCLESIASTICAL EQUITY, LP
NB82	133093	ECCLESIASTICAL EQUITY, LP
NB83	160696	ECCLESIASTICAL EQUITY, LP
NB84	122986	ECCLESIASTICAL EQUITY, LP
NB85	122985	ECCLESIASTICAL EQUITY, LP
NB86	35325	JONES, ROBERT W
NB87	35323	JONES FAMILY TRUST
NB88	35319	LATTIMORE MATERIALS CO LP
NB89	39303	JONES, ROBERT W

NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED SEPTEMBER 22, 2017 AND RECORD PLANS.
2. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP PANELS 48121C0360G, 48121C0370G, 48121C0365G, 48121C0505G, 48121C0495G AND 48121C0515G.
3. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC WERE OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (APRIL 30, 2019).
4. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSE ONLY.
5. CURBS ON THE FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
6. CONVENTIONAL ROADWAY SIGNAGES (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
7. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
8. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OF NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
9. ACCESS DENIAL BASED ON ℄ IH 35W STATIONING.

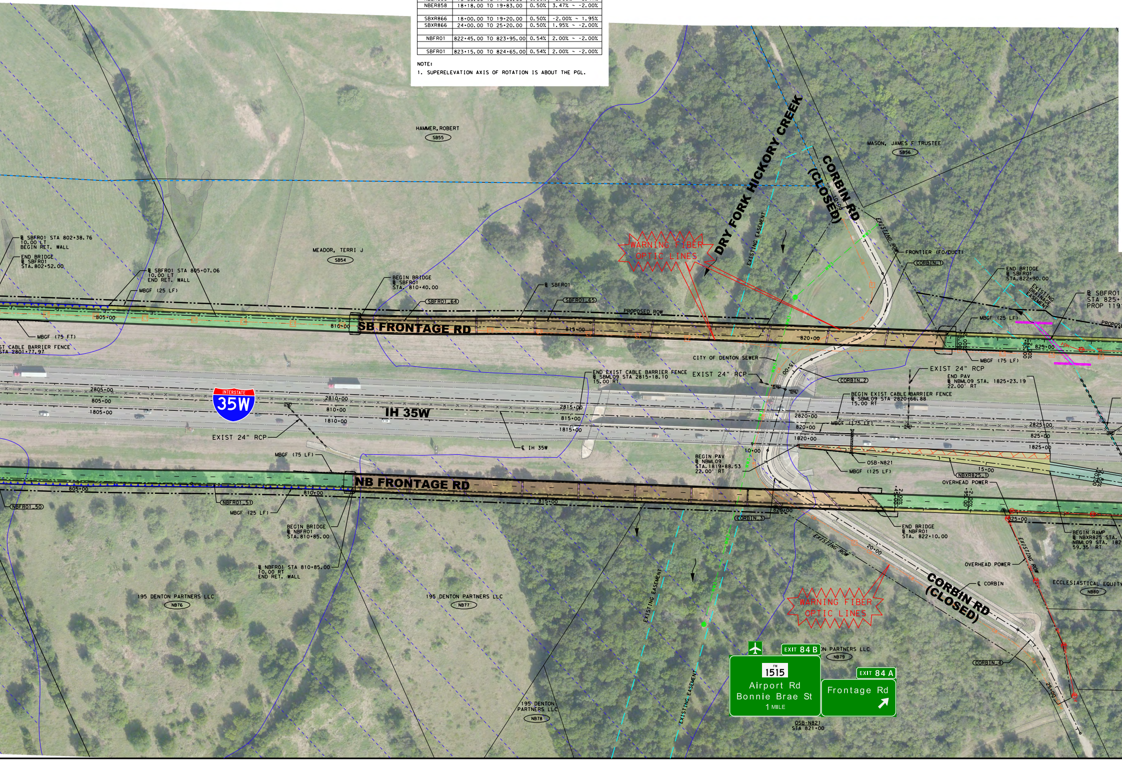

MATCH LINE STA 793+00
HICKORY CREEK RELIEF
UNINCORPERATED DENTON COUNTY
CITY OF DENTON
MEADOR, TERRI J
SB53
MEADOR, TERRI J
SB52
CENTURYLINK (FO/DUCT)
BEGIN BRIDGE
℄ SBFR01
STA. 796+10.00
℄ SBFR01 STA 796+40.13
10.00 LT
END RET. WALL
SBFR01_62
SBFR01_63
PROPOSED ROW
EXISTING ROW
795+00
800+00
END EXIST CABLE BARRIER FENCE
℄ SBML09 STA 2797+47.50
15.00 RT
℄ SBML09
BEGIN EXIST
℄ SBML09
15.00 RT
2795+00
795+00
1795+00
2800+00
800+00
1800+00
℄ NBML09
COSS-N796
EXIST 24" RCP
MBGF (125 LF)
MBGF (75 LF)
795+00
PROPOSED ROW
800+00
℄ NBFR01
BEGIN BRIDGE
℄ NBFR01
STA. 796+90.00
℄ NBFR01 STA 797+33.01
10.00 RT
END RET. WALL
℄ NBFR01 STA 802+44.09
10.00 RT
BEGIN RET. WALL
END BRIDGE
℄ NBFR01
STA. 802+60.00
195 DENTON PARTNERS LLC
NB75
EXIT 84 A
Frontage Rd
½ MILE
COSS-N796
STA 796+00

SUPERELEVATION TRANSITION AND CROSS-SLOPE TABLE

ALIGNMENT	*STATION TO STATION*	*RATE*	*X-SLOPE*
NBXR825	17+40.00 TO 19+50.00	0.50%	-2.00% ~ 5.10%
NBXR825	20+10.00 TO 22+20.00	0.50%	5.10% ~ -2.00%
NBER858	15+35.00 TO 17+00.00	0.50%	-2.00% ~ 3.47%
NBER858	18+18.00 TO 19+83.00	0.50%	3.47% ~ -2.00%
SBXR866	18+00.00 TO 19+20.00	0.50%	-2.00% ~ 1.95%
SBXR866	24+00.00 TO 25+20.00	0.50%	1.95% ~ -2.00%
NBFR01	822+45.00 TO 823+95.00	0.54%	2.00% ~ -2.00%
SBFR01	823+15.00 TO 824+65.00	0.54%	2.00% ~ -2.00%

NOTE:

1. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.


HAMMER, ROBERT
SB55
MASON, JAMES F TRUSTEE
SB56
MEADOR, TERRI J
SB54
DRY FORK HICKORY CREEK
CORBIN RD (CLOSED)
WARNING FIBER OPTIC LINES
EXISTING EASEMENT
EXISTING ROW
FRONTIER (FO/DUCT)
CORBIN_1
℄ SBFR01 STA 802+38.76 10.00 LT BEGIN RET. WALL
END BRIDGE ℄ SBFR01 STA. 802+52.00
℄ SBFR01 STA 805+07.06 10.00 LT END RET. WALL
MBGF (25 LF)
MBGF (75 FT)
ST CABLE BARRIER FENCE STA 2801+77.97
BEGIN BRIDGE ℄ SBFR01 STA. 810+40.00
SBFR01_64
℄ SBFR01
SBFR01_65
PROPOSED ROW
805+00
810+00
815+00
820+00
825+00
SB FRONTAGE RD
END BRIDGE ℄ SBFR01 STA. 822+90.00
EXISTING DRAINAGE EASEMENT
℄ SBFR01 STA 825+ PROP 119
MBGF (25 LF)
MBGF (75 LF)
CITY OF DENTON SEWER
EXIST 24" RCP
CORBIN_2
END EXIST CABLE BARRIER FENCE ℄ SBML09 STA 2815+18.10 15.00 RT
END PAV ℄ NBML09 STA. 1825+23.19 22.00' RT
BEGIN EXIST CABLE BARRIER FENCE ℄ SBML09 STA 2820+66.88 15.00 RT
INTERSTATE 35W
IH 35W
℄ IH 35W
2805+00
805+00
1805+00
2810+00
810+00
1810+00
2815+00
815+00
1815+00
2820+00
820+00
1820+00
2825+00
825+00
1825+00
10+00
15+00
20+00
25+00
MBGF (175 LF)
EXIST 24" RCP
MBGF (75 LF)
BEGIN PAV ℄ NBML09 STA.1819+88.53 22.00' RT
OSB-N821
MBGF (125 LF)
NBXR825_1
OVERHEAD POWER
NB FRONTAGE RD
NBFR01_50
NBFR01_51
MBGF (25 LF)
BEGIN BRIDGE ℄ NBFR01 STA.810+85.00
℄ NBFR01 STA 810+85.00 10.00 RT END RET. WALL
CORBIN_3
END BRIDGE ℄ NBFR01 STA. 822+10.00
BEGIN RAMP ℄ NBXR825 STA. NBML09 STA. 182 59.35' RT
OVERHEAD POWER
℄ CORBIN
ECCLESIASTICAL EQUITY
NB80
195 DENTON PARTNERS LLC
NB76
195 DENTON PARTNERS LLC
NB77
195 DENTON PARTNERS LLC
NB78
N PARTNERS LLC
NB79
CORBIN_4
EXIT 84 B
FM 1515
Airport Rd
Bonnie Brae St
1 MILE
EXIT 84 A
Frontage Rd
OSB-N821 STA 821+00

NBML09

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
NBML09_3	1837+59.26	7,119,670.98	2,375,760.15	6° 01′ 35.09" LT	5,753.58′	0° 59′ 44.98"	302.86′	605.17′	N 23° 18′ 12.59" E	604.89′	1834+56.39	1840+61.56	N 26° 19′ 00.14" E	N 20° 17′ 25.05" E

SBML09

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SBML09_3	2837+56.73	7,119,690.00	2,375,716.01	6° 01′ 35.09" LT	5,705.58′	1° 00′ 15.14"	300.34′	600.12′	N 23° 18′ 12.59" E	599.84′	2834+56.39	2840+56.51	N 26° 19′ 00.14" E	N 20° 17′ 25.05" E

NBFR01

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
NBFR01_50	805+02.83	7,116,642.99	2,374,441.75	1° 54′ 39.21" LT	14,318.00′	0° 24′ 00.60"	238.78′	477.52′	N 25° 28′ 35.72" E	477.50′	802+64.05	807+41.57	N 26° 25′ 55.33" E	N 24° 31′ 16.12" E
NBFR01_51	809+02.17	7,117,006.35	2,374,607.52	1° 47′ 22.89" RT	10,282.00′	0° 33′ 26.08"	160.60′	321.17′	N 25° 25′ 11.40" E	321.16′	807+41.57	810+62.74	N 24° 31′ 29.96" E	N 26° 18′ 52.85" E
NBFR01_52	838+09.87	7,119,612.75	2,375,896.52	6° 00′ 55.41" LT	10,572.00′	0° 32′ 31.05"	555.48′	1,109.94′	N 23° 18′ 25.14" E	1,109.43′	832+54.39	843+64.33	N 26° 18′ 52.85" E	N 20° 17′ 57.44" E

SBFR01

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SBFR01_62	795+35.53	7,115,968.59	2,373,723.92	2° 31′ 52.00" LT	10,294.00′	0° 33′ 23.74"	227.41′	454.75′	N 25° 02′ 56.85" E	454.71′	793+08.12	797+62.87	N 26° 18′ 52.85" E	N 23° 47′ 00.85" E
SBFR01_63	800+78.91	7,116,465.90	2,373,943.08	2° 31′ 52.00" RT	14,306.00′	0° 24′ 01.81"	316.04′	631.98′	N 25° 02′ 56.85" E	631.93′	797+62.87	803+94.85	N 23° 47′ 00.85" E	N 26° 18′ 52.85" E
SBFR01_64	811+68.14	7,117,442.34	2,374,425.99	2° 47′ 05.22" LT	5,000.00′	1° 08′ 45.30"	121.53′	243.02′	N 24° 55′ 20.24" E	242.99′	810+46.61	812+89.63	N 26° 18′ 52.85" E	N 23° 31′ 47.63" E
SBFR01_65	814+11.16	7,117,665.20	2,374,523.02	2° 47′ 05.22" RT	5,000.00′	1° 08′ 45.30"	121.53′	243.02′	N 24° 55′ 20.24" E	242.99′	812+89.63	815+32.64	N 23° 31′ 47.63" E	N 26° 18′ 52.85" E
SBFR01_66	828+50.18	7,118,955.14	2,375,160.97	2° 47′ 05.22" RT	5,000.00′	1° 08′ 45.30"	121.53′	243.02′	N 27° 42′ 25.46" E	242.99′	827+28.65	829+71.67	N 26° 18′ 52.85" E	N 29° 05′ 58.07" E
SBFR01_67	830+93.20	7,119,167.53	2,375,279.18	2° 47′ 05.22" LT	5,000.00′	1° 08′ 45.30"	121.53′	243.02′	N 27° 42′ 25.46" E	242.99′	829+71.67	832+14.69	N 29° 05′ 58.07" E	N 26° 18′ 52.85" E
SBFR01_68	835+41.41	7,119,569.33	2,375,477.89	1° 10′ 50.27" LT	10,294.00′	0° 33′ 23.74"	106.06′	212.12′	N 25° 43′ 27.72" E	212.11′	834+35.35	836+47.46	N 26° 18′ 52.85" E	N 25° 08′ 02.58" E
SBFR01_69	838+55.77	7,119,853.94	2,375,611.41	4° 46′ 16.70" LT	5,000.00′	1° 08′ 45.30"	208.31′	416.37′	N 22° 44′ 54.24" E	416.25′	836+47.46	840+63.84	N 25° 08′ 02.58" E	N 20° 21′ 45.89" E
SBFR01_70	841+35.89	7,120,116.78	2,375,708.97	1° 39′ 04.31" RT	5,000.00′	1° 08′ 45.30"	72.05′	144.09′	N 21° 11′ 18.04" E	144.09′	840+63.84	842+07.93	N 20° 21′ 45.89" E	N 22° 00′ 50.20" E
SBFR01_71	843+61.79	7,120,326.22	2,375,793.65	1° 42′ 52.76" LT	10,282.00′	0° 33′ 26.08"	153.86′	307.70′	N 21° 09′ 23.82" E	307.69′	842+07.93	845+15.63	N 22° 00′ 50.20" E	N 20° 17′ 57.44" E
SBFR01_72	857+26.25	7,121,605.96	2,376,267.02	2° 41′ 15.57" RT	5,000.00′	1° 08′ 45.30"	117.29′	234.54′	N 21° 38′ 35.22" E	234.52′	856+08.96	858+43.50	N 20° 17′ 57.44" E	N 22° 59′ 13.00" E
SBFR01_73	859+60.80	7,121,821.92	2,376,358.63	2° 41′ 15.57" LT	5,000.00′	1° 08′ 45.30"	117.29′	234.54′	N 21° 38′ 35.22" E	234.52′	858+43.50	860+78.05	N 22° 59′ 13.00" E	N 20° 17′ 57.44" E

NBXR825

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
NBXR825_1	13+75.54	7,118,320.03	2,375,118.87	7° 30′ 00.00" RT	5,729.58′	1° 00′ 00.00"	375.54′	750.00′	N 30° 03′ 52.85" E	749.46′	10+00.00	17+50.00	N 26° 18′ 52.85" E	N 33° 48′ 52.85" E
NBXR825_2	19+81.07	7,118,824.03	2,375,456.45	7° 14′ 57.43" LT	1,450.00′	3° 57′ 05.16"	91.85′	183.46′	N 30° 11′ 24.13" E	183.34′	18+89.22	20+72.68	N 33° 48′ 52.85" E	N 26° 33′ 55.42" E
NBXR825_3	23+57.73	7,119,161.51	2,375,624.27	6° 06′ 41.45" RT	1,435.00′	3° 59′ 33.85"	76.61′	153.07′	N 29° 22′ 13.57" E	152.99′	22+81.13	24+34.19	N 26° 18′ 52.85" E	N 32° 25′ 34.30" E
NBXR825_4	25+31.29	7,119,308.13	2,375,717.41	7° 44′ 30.29" LT	1,435.00′	3° 59′ 33.85"	97.10′	193.90′	N 28° 33′ 19.15" E	193.75′	24+34.19	26+28.09	N 32° 25′ 34.30" E	N 24° 41′ 04.01" E

NBER858

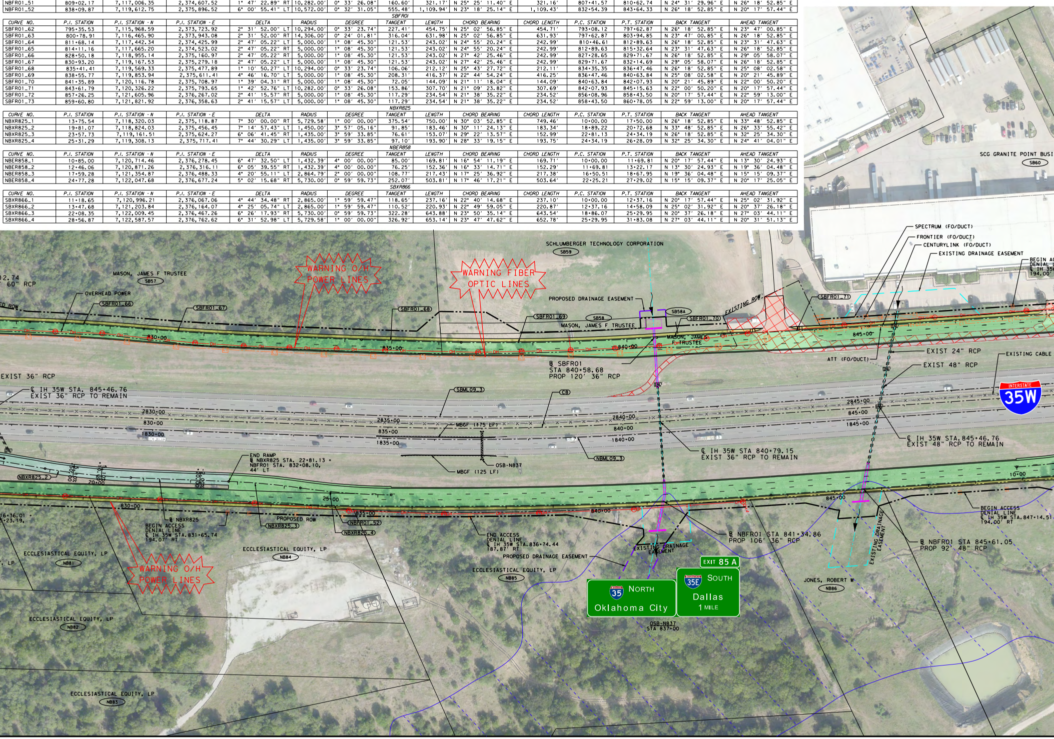
CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
NBER858_1	10+85.00	7,120,714.46	2,376,278.45	6° 47′ 32.50" LT	1,432.39′	4° 00′ 00.00"	85.00′	169.81′	N 16° 54′ 11.19" E	169.71′	10+00.00	11+69.81	N 20° 17′ 57.44" E	N 13° 30′ 24.93" E
NBER858_2	12+46.06	7,120,871.26	2,376,316.11	6° 05′ 39.55" RT	1,432.39′	4° 00′ 00.00"	76.25′	152.36′	N 16° 33′ 14.71" E	152.29′	11+69.81	13+22.17	N 13° 30′ 24.93" E	N 19° 36′ 04.48" E
NBER858_3	17+59.28	7,121,354.87	2,376,488.33	4° 20′ 55.11" LT	2,864.79′	2° 00′ 00.00"	108.77′	217.43′	N 17° 25′ 36.92" E	217.38′	16+50.51	18+67.95	N 19° 36′ 04.48" E	N 15° 15′ 09.37" E
NBER858_4	24+77.28	7,122,047.68	2,376,677.24	5° 02′ 15.68" RT	5,730.00′	0° 59′ 59.73"	252.07′	503.81′	N 17° 46′ 17.21" E	503.64′	22+25.21	27+29.02	N 15° 15′ 09.37" E	N 20° 17′ 25.05" E

SBXR866

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SBXR866_1	11+18.65	7,120,996.21	2,376,067.06	4° 44′ 34.48" RT	2,865.00′	1° 59′ 59.47"	118.65′	237.16′	N 22° 40′ 14.68" E	237.10′	10+00.00	12+37.16	N 20° 17′ 57.44" E	N 25° 02′ 31.92" E
SBXR866_2	13+47.68	7,121,203.84	2,376,164.07	4° 25′ 05.74" LT	2,865.00′	1° 59′ 59.47"	110.52′	220.93′	N 22° 49′ 59.05" E	220.87′	12+37.16	14+58.09	N 25° 02′ 31.92" E	N 20° 37′ 26.18" E
SBXR866_3	22+08.35	7,122,009.45	2,376,467.26	6° 26′ 17.93" RT	5,730.00′	0° 59′ 59.73"	322.28′	643.88′	N 23° 50′ 35.14" E	643.54′	18+86.07	25+29.95	N 20° 37′ 26.18" E	N 27° 03′ 44.11" E
SBXR866_4	28+56.87	7,122,587.57	2,376,762.62	6° 31′ 52.98" LT	5,729.58′	1° 00′ 00.00"	326.92′	653.14′	N 23° 47′ 47.62" E	652.78′	25+29.95	31+83.08	N 27° 03′ 44.11" E	N 20° 31′ 51.13" E

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E
C8	837+58.91	7,119,681.31	2,375,738.49

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E
CORBIN_1	12+85.16	7,118,390.50	2,374,842.65
CORBIN_2	15+01.32	7,118,124.77	2,374,840.95
CORBIN_3	17+22.37	7,117,977.78	2,375,014.02
CORBIN_4	23+94.10	7,118,360.82	2,375,581.76

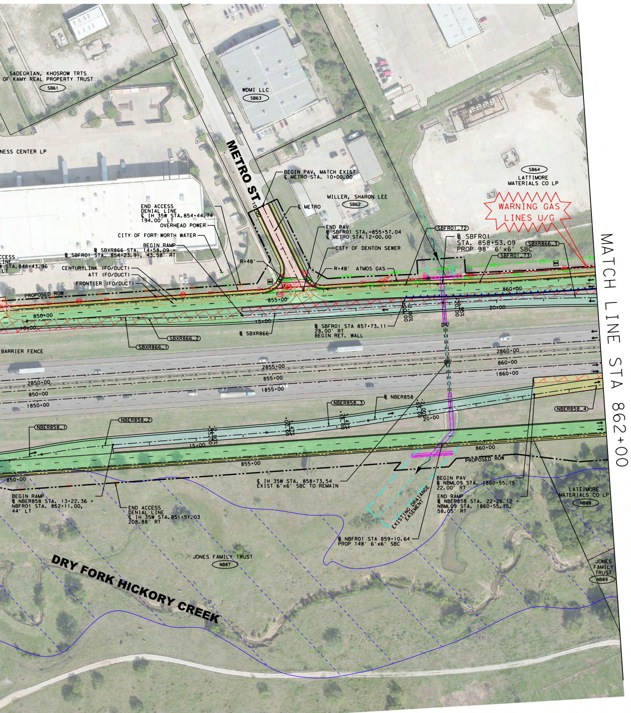

SCG GRANITE POINT BUSI
SB60
SCHLUMBERGER TECHNOLOGY CORPORATION
SB59
MASON, JAMES F TRUSTEE
SB57
12.74
60" RCP
WARNING O/H POWER LINES
WARNING FIBER OPTIC LINES
OVERHEAD POWER
SBFR01_66
SBFR01_67
SBFR01_68
SBFR01_69
SBFR01_70
SBFR01_71
ED ROW
830+00
835+00
840+00
845+00
PROPOSED DRAINAGE EASEMENT
SB58A
SB58
MASON, JAMES F TRUSTEE
MASON, JAMES F TRUSTEE
EXISTING ROW
SPECTRUM (FO/DUCT)
FRONTIER (FO/DUCT)
CENTURYLINK (FO/DUCT)
EXISTING DRAINAGE EASEMENT
BEGIN AC
DENIAL L
℄ IH 35W
194.00′
EXIST 24" RCP
ATT (FO/DUCT)
EXIST 48" RCP
EXISTING CABLE
INTERSTATE
35W
EXIST 36" RCP
℄ IH 35W STA. 845+46.76
EXIST 36" RCP TO REMAIN
BL SBFR01
STA 840+58.68
PROP 120′ 36" RCP
SBML09_3
C8
2830+00
830+00
1830+00
2835+00
835+00
1835+00
2840+00
840+00
1840+00
2845+00
845+00
1845+00
MBGF (±75 LF)
MBGF (125 LF)
OSB-N837
NBML09_3
℄ IH 35W STA 840+79.15
EXIST 36" RCP TO REMAIN
℄ IH 35W STA. 845+46.76
EXIST 48" RCP TO REMAIN
END RAMP
BL NBXR825 STA. 22+81.13 =
NBFR01 STA. 832+08.10,
44′ LT
NBXR825_2
20+00
25+00
10+00
16+36.01 =
5+23.19,
830+00
835+00
840+00
845+00
BL NBXR825
BEGIN ACCESS
DENIAL LINE
℄ IH 35W STA. 831+65.74
194.07′ RT
PROPOSED ROW
NBXR825_3
NBFR01_52
NBXR825_4
END ACCESS
DENIAL LINE
℄ IH 35W STA. 836+74.44
187.87′ RT
PROPOSED DRAINAGE EASEMENT
EXISTING DRAINAGE EASEMENT
BL NBFR01 STA 841+34.86
PROP 106′ 36" RCP
EXISTING DRAINAGE EASEMENT
BL NBFR01 STA 845+61.05
PROP 92′ 48" RCP
BEGIN ACCESS
DENIAL LINE
℄ IH 35W STA. 847+14.51
194.00′ RT
ECCLESIASTICAL EQUITY, LP
NB81
, LP
ECCLESIASTICAL EQUITY, LP
NB82
ECCLESIASTICAL EQUITY, LP
NB83
ECCLESIASTICAL EQUITY, LP
NB84
ECCLESIASTICAL EQUITY, LP
NB85
JONES, ROBERT W
NB86
EXIT 85 A
35 NORTH
Oklahoma City
35E SOUTH
Dallas
1 MILE
OSB-N837
STA 837+00

℄ IH 35W

DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
6° 01′ 02.70" LT	5,729.58′	1° 00′ 00.00"	301.15′	601.74′	N 23° 18′ 28.79" E	601.47′	834+57.76	840+59.50	N 26° 19′ 00.14" E	N 20° 17′ 57.44" E

CORBIN

DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
93° 34′ 56.14" RT	100.00′	57° 17′ 44.81"	106.46′	163.33′	S 46° 25′ 28.36" E	145.77′	11+78.70	13+42.04	N 86° 47′ 03.57" E	S 0° 21′ 59.71" W
50° 01′ 28.11" LT	100.00′	57° 17′ 44.81"	46.66′	87.31′	S 24° 38′ 44.35" E	84.56′	14+54.66	15+41.97	S 0° 21′ 59.71" W	S 49° 39′ 28.41" E
74° 20′ 55.77" LT	60.00′	95° 29′ 34.68"	45.50′	77.86′	S 86° 49′ 56.29" E	72.51′	16+76.87	17+54.73	S 49° 39′ 28.41" E	N 55° 59′ 35.82" E
32° 13′ 40.40" RT	150.00′	38° 11′ 49.87"	43.33′	84.37′	N 72° 06′ 26.02" E	83.26′	23+50.77	24+35.14	N 55° 59′ 35.82" E	N 88° 13′ 16.22" E


SADEGHIAN, KHOSROW TRTS
OF KAMY REAL PROPERTY TRUST
SB61
WDMI LLC
SB63
NESS CENTER LP
METRO ST
BEGIN PAV, MATCH EXIST
℄ METRO STA. 10+00.00
MILLER, SHARON LEE
SB62
℄ METRO
SB64
LATTIMORE
MATERIALS CO LP
WARNING GAS
LINES U/G
END ACCESS
DENIAL LINE
℄ IH 35W STA.854+44.74
194.00′ LT
OVERHEAD POWER
CITY OF FORT WORTH WATER
BEGIN RAMP
℄ SBXR866 STA. 14+58.09 =
℄ SBFR01 STA. 854+23.91, 43.58′ RT
CCESS
LINE
STA.848+43.96
LT
CENTURYLINK (FO/DUCT)
ATT (FO/DUCT)
FRONTIER (FO/DUCT)
PROPOSED ROW
R=48′
END PAV
℄ SBFR01 STA. 855+57.04
℄ METRO STA.12+00.00
CITY OF DENTON SEWER
R=48′ ATMOS GAS
SBFR01_72
℄ SBFR01
STA. 858+53.09
PROP 98′ 6′x6′ SBC
SBXR866_3
SBFR01_73
855+00
850+00
10+00
15+00
860+00
20+00
℄ SBFR01 STA 857+73.11
28.00′ RT
BEGIN RET. WALL
℄ SBXR866
SBXR866_2
SBXR866_1
BARRIER FENCE
2860+00
860+00
1860+00
2855+00
855+00
1855+00
2850+00
850+00
1850+00
NBER858_3
℄ NBER858
NBER858_4
NBER858_2
NBER858_1
860+00
PROPOSED ROW
855+00
850+00
BEGIN RAMP
℄ NBER858 STA. 13+22.36 =
NBFR01 STA. 852+11.00,
44′ LT
END ACCESS
DENIAL LINE
℄ IH 35W STA.851+51.03
208.88′ RT
℄ IH 35W STA. 858+73.54
EXIST 6′x6′ SBC TO REMAIN
BEGIN PAV
℄ NBML09 STA. 1860+55.75
22.00′ RT
END RAMP
℄ NBER858 STA. 22+26.12 =
NBML09 STA. 1860+55.75,
58.05′ RT
LATTIMORE
MATERIALS CO LP
NB88
EXISTING DRAIANGE
EASEMENT
℄ NBFR01 STA 859+10.64
PROP 148′ 6′x6′ SBC
JONES FAMILY TRUST
NB87
JONES
FAMILY
TRUST
NB89
DRY FORK HICKORY CREEK

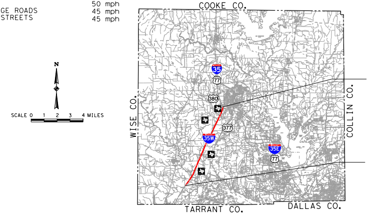
MATCH LINE STA 862+00

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC

MO BUR, P.E., DISTRICT ENGINEER
DENTON COUNTY
IH 35W FRONTAGE ROADS
PROJECT LIMIT: FROM DALE EARNHARDT WAY
TO SOUTH OF IH 35E/IH 35W INTERCHANGE
CONTROL: 0081-13-065
FUNCTIONAL CLASS: RURAL INTERSTATE
PROJECT LENGTH = 12.405 MILES (65,498.99 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS	50 mph
FRONTAGE ROADS	45 mph
CROSS STREETS	45 mph


N
SCALE 0 1 2 3 4 MILES
COOKE CO.
WISE CO.
COLLIN CO.
TARRANT CO.
DALLAS CO.
35
77
380
377
35W
35E
77

END PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 104+09.09
TRM 84+0.478
CSJ: 0081-13-065

BEGIN PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 219+83.68
TRM 72+0.450
END CSJ: 0081-13-065
BEGIN CSJ: 0081-13-065

LOCATION MAP
MARCH 2020
SCALE: 1"=100′
ROLL 10 OF 34

EQUATION:
℄ IH 35W STA. 870+73.58=
℄ IH 35W STA. 100+00.00 (BY OTHERS)

SHEET INDEX

ROLL 1:	PLAN VIEW-IH 35W FRONTAGE ROADS BEGIN PROJECT TO STA 241+00
ROLL 2:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 241+00 TO STA 310+00
ROLL 3:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 310+00 TO STA 379+00
ROLL 4:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 379+00 TO STA 448+00
ROLL 5:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 448+00 TO STA 517+00
ROLL 6:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 517+00 TO STA 586+00
ROLL 7:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 586+00 TO STA 655+00
ROLL 8:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 655+00 TO STA 724+00
ROLL 9:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 724+00 TO STA 793+00
ROLL 10:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 793+00 TO STA 862+00
ROLL 11:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 862+00 TO END PROJECT
ROLL 12:	PROFILE VIEW-IH 35W NBFR BEGIN PROJECT TO STA 416+00
ROLL 13:	PROFILE VIEW-IH 35W NBFR STA 416+00 TO STA 604+00
ROLL 14:	PROFILE VIEW-IH 35W NBFR STA 604+00 TO STA 792+00
ROLL 15:	PROFILE VIEW-IH 35W NBFR STA 792+00 TO END PROJECT
ROLL 16:	PROFILE VIEW-IH 35W SBFR BEGIN PROJECT TO STA 415+00
ROLL 17:	PROFILE VIEW-IH 35W SBFR STA 415+00 TO STA 603+00
ROLL 18:	PROFILE VIEW-IH 35W SBFR STA 603+00 TO STA 791+00
ROLL 19:	PROFILE VIEW-IH 35W SBFR STA 791+00 TO STA END PROJECT
ROLL 20:	PROFILE VIEW-IH 35W NBML BEGIN PROJECT TO STA 1388+00
ROLL 21:	PROFILE VIEW-IH 35W NBML STA 1388+00 TO STA 1576+00
ROLL 22:	PROFILE VIEW-IH 35W NBML STA 1576+00 TO 1764+00
ROLL 23:	PROFILE VIEW-IH 35W NBML STA 1764+00 TO END PROJECT
ROLL 24:	PROFILE VIEW-IH 35W SBML BEGIN PROJECT TO STA 2386+00
ROLL 25:	PROFILE VIEW-IH 35W SBML STA 2386+00 TO STA 2574+00
ROLL 26:	PROFILE VIEW-IH 35W SBML STA 2574+00 TO STA 2762+00
ROLL 27:	PROFILE VIEW-IH 35W SBML STA 2762+00 TO END PROJECT
ROLL 28:	PROFILE VIEW-IH 35W NB RAMPS
ROLL 29:	PROFILE VIEW-IH 35W NB RAMPS
ROLL 30:	PROFILE VIEW-IH 35W SB RAMPS
ROLL 31:	PROFILE VIEW-IH 35W SB RAMPS
ROLL 32:	PROFILE VIEW-IH 35W CROSS STREETS
ROLL 33:	PROFILE VIEW-IH 35W CROSS STREETS
ROLL 34:	PROFILE VIEW-IH 35W CROSS STREETS

Jacobs

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NAME	P.E. NO.	DATE
JESUS GONZALEZ JR., P.E.	111427	04/08/2020

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Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MO BUR, P.E., DISTRICT ENGINEER
DENTON COUNTY
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PROJECT LIMIT: FROM DALE EARNHARDT WAY
TO SOUTH OF IH 35E/IH 35W INTERCHANGE
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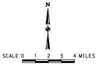
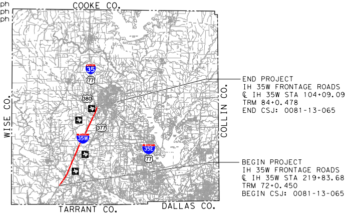

N
SCALE 0 1 2 3 4 MILES


COOKE CO.
WISE CO.
COLLIN CO.
TARRANT CO.
DALLAS CO.
35
77
380
377
35W
35E
77
END PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 104+09.09
TRM 84+0.478
END CSJ: 0081-13-065
BEGIN PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 219+83.68
TRM 72+0.450
BEGIN CSJ: 0081-13-065

EQUATION:
℄ IH 35W STA. 870+73.58=
℄ IH 35W STA. 100+00.00 (BY OTHERS)

LOCATION MAP

MARCH 2020
SCALE: 1"=100'
ROLL 11 OF 34

SHEET INDEX

ROLL 1: PLAN VIEW-IH 35W FRONTAGE ROADS BEGIN PROJECT TO STA 241+00
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ROLL 7: PLAN VIEW-IH 35W FRONTAGE ROADS STA 586+00 TO STA 655+00
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ROLL 15: PROFILE VIEW-IH 35W NBFR STA 792+00 TO END PROJECT
ROLL 16: PROFILE VIEW-IH 35W SBFR BEGIN PROJECT TO STA 415+00
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ROLL 18: PROFILE VIEW-IH 35W SBFR STA 603+00 TO STA 791+00
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ROLL 28: PROFILE VIEW-IH 35W NB RAMPS
ROLL 29: PROFILE VIEW-IH 35W NB RAMPS
ROLL 30: PROFILE VIEW-IH 35W SB RAMPS
ROLL 31: PROFILE VIEW-IH 35W SB RAMPS
ROLL 32: PROFILE VIEW-IH 35W CROSS STREETS
ROLL 33: PROFILE VIEW-IH 35W CROSS STREETS
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Jacobs

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NAME	P.E. NO.	DATE
JESUS GONZALEZ JR., P.E.	111427	04/08/2020

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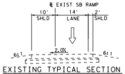
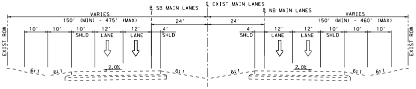
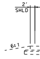
4/20/2020
I-35W-Sch11.dgn


℄ EXIST SB RAMP
10'
SHLD
14'
LANE
2'
SHLD
2.0%
6:1
6:1

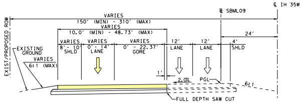
EXISTING TYPICAL SECTION
SB RAMPS


℄ SB MAIN LANES
℄ EXIST MAIN LANES
℄ NB MAIN LANES
VARIES
150' (MIN) - 475' (MAX)
VARIES
150' (MIN) - 460' (MAX)
24'
24'
EXIST ROW
EXIST ROW
10'
10'
10'
SHLD
12'
LANE
12'
LANE
4'
SHLD
4'
SHLD
12'
LANE
12'
LANE
10'
SHLD
10'
10'
2.0%
2.0%
6:1

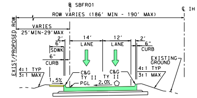
EXISTING TYPICAL SECTION MAIN LANES



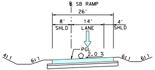
EXISTING


℄ IH 35W
℄ SBML09
VARIES
150' (MIN) - 310' (MAX)
VARIES
10.0' (MIN) - 48.73' (MAX)
24'
EXIST/PROPOSED ROW
EXISTING GROUND
VARIES
6:1 (MAX)
VARIES
8'-10' SHLD
VARIES
0'-14' LANE
VARIES
0' - 22.37' GORE
12'
LANE
12'
LANE
4'
SHLD
1'
2.0%
PGL
6:1
FULL DEPTH SAW CUT

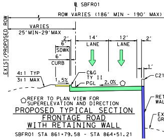
PROPOSED WIDENING TYPICAL SECTION MAIN LANES
SBML09 STA 2865+03.93 - STA 2869+89.43


℄ SBFR01
℄ IH 35W
ROW VARIES (186' MIN - 190' MAX)
EXIST/PROPOSED ROW
VARIES
25'MIN-29'MAX
2'
6'
SDWK
6"
CURB
14'
LANE
12'
LANE
2'
6"
CURB
EXISTING GROUND
4:1 TYP
3:1 MAX
4:1 TYP
3:1 MAX
1.5%
C&G TY II
C&G TY II
PGL
2.0%

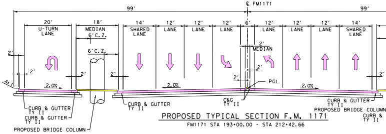
⬠ REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED TYPICAL SECTION FRONTAGE ROAD
SBFR01 STA 864+51.21 - STA 870+52.90


℄ SB RAMP
26'
8'
SHLD
14'
LANE
4'
SHLD
PGL
2.0 %
4:1
6:1
6:1
6:1

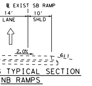
⬠ REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED ENTRANCE &
EXIT RAMPS TYPICAL SECTION
SBXR866 STA 22+13.88 - STA 25+21.57


℄ SBFR01
ROW VARIES (186' MIN - 190' MAX)
EXIST/PROPOSED ROW
VARIES
25'MIN-29'MAX
2'
6'
SDWK
6"
CURB
14'
LANE
12'
LANE
2'
1'
4:1 TYP
3:1 MAX
1.5%
C&G TY II
PGL
2.0%
C21
RET WAL
EX GR

⬠ REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION
PROPOSED TYPICAL SECTION
FRONTAGE ROAD
WITH RETAINING WALL
SBFR01 STA 861+79.58 - STA 864+51.21

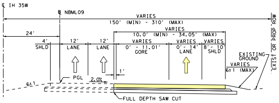

℄ FM1171
99'
99'
20'
U-TURN LANE
18'
MEDIAN
6'C.Z.
6'C.Z.
14'
SHARED LANE
12'
LANE
12'
LANE
12'
LANE
6'
2'
MEDIAN
12'
LANE
12'
LANE
12'
LANE
14'
SHARED LANE
2'
4:1
2.0%
2.0%
2.0%
PGL
CURB & GUTTER TY II
CURB & GUTTER TY II
PROPOSED BRIDGE COLUMN
CURB & GUTTER TY II
C&G TY II
CURB & GUTTER TY II
PROPOSED BRIDGE COLUMN
CURB & TY II

PROPOSED TYPICAL SECTION F.M. 1171
FM1171 STA 193+00.00 - STA 212+42.66



℄ EXIST SB RAMP
14'
LANE
10'
SHLD
2.0%
6:1

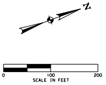
TYPICAL SECTION
NB RAMPS



℄ IH 35W
℄ NBML09
VARIES
150' (MIN) - 310' (MAX)
VARIES
10.0' (MIN) - 34.05' (MAX)
24'
4'
SHLD
12'
LANE
12'
LANE
VARIES
0' - 11.01'
GORE
VARIES
0' - 14'
LANE
VARIES
8' - 10'
SHLD
EXISTING GROUND
VARIES
6:1 (MAX)
EXIST OR PROP ROW
PGL
2.0%
1'
6:1
FULL DEPTH SAW CUT

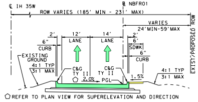
PROPOSED WIDENING TYPICAL SECTION MAIN LANES

NBML09 STA 1862+02.53 - STA 1874+85.33



N
0
100
200
SCALE IN FEET

LEGEND	
🟨	PROPOSED MAINLANES
▭	PROPOSED RAMPS
🟩	PROPOSED FRONTAGE ROADS
▭	PROPOSED CROSS STREETS
🟧	PROPOSED BRIDGE
▭	PROPOSED DRIVEWAYS
▭	PROPOSED SIDEWALK
🟩	PROPOSED SIDEWALK (BY OTHERS)
▭	PROPOSED PAVEMENT (BY OTHERS)
▭	PROPOSED BRIDGE (BY OTHERS)
🟥	EXISTING BRIDGE (TO REMAIN)
▨	EXISTING PAVEMENT REMOVAL
▨	EXISTING DRAINAGE DITCH REMOVAL
┄	PROPOSED RETAINING WALL
⦀	EXISTING DENIAL-OF-ACCESS
— —	PROPOSED RIGHT-OF-WAY (R.O.W.)
— —	PROPOSED RIGHT-OF-WAY (R.O.W.) (BY OTHERS)
— - —	EXISTING RIGHT-OF-WAY (R.O.W.)
- - -	PROPOSED DRAINAGE EASEMENT
- - -	EXISTING DRAINAGE EASEMENT
——	EXISTING PROPERTY LINES
▨	EXISTING 100-YEAR FLOODPLAIN
—x—	EXISTING CABLE BARRIER FENCE
—xx—	PROPOSED CABLE BARRIER FENCE
- - -	CITY LIMITS



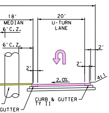
℄ IH 35W
℄ NBFR01
ROW VARIES (185' MIN - 231' MAX)
VARIES
24' MIN-59' MAX
2'
12'
LANE
14'
LANE
2'
6"
CURB
6'
SDWK
6"
CURB
EXISTING GROUND
4:1 TYP
3:1 MAX
C&G TY II
C&G TY II
2.0%
PGL
1.5%
4:1 TYP
3:1 MAX
EXIST/PROPOSED ROW

⬠ REFER TO PLAN VIEW FOR SUPERELEVATION AND DIRECTION

PROPOSED TYPICAL SECTION FRONTAGE ROAD

NBFR01 STA 862+60.01 - STA 871+34.00

℄ IH 35W
1
L
IST
OUND



18'
MEDIAN
6' C.Z.
20'
U-TURN
LANE
6' C.Z.
2'
2'
2'
2.0%
4:1
CURB & GUTTER
TY II
GUTTER

Parcel Number	Denton County Property	Owner Name
SB64	223198	LATTIMORE MATERIALS CO LP
SB65	223199	LATTIMORE MATERIALS CO LP
SB66	81997	ATC LEASING CO
SB67	662202	1512 135W, LLC
SB68	650767	CUTTING, CAROL TUFFLI TR OF THREE SISTER'S TRUST ETAL
SB69	662201	BROWN LEWISVILLE RAILROAD
SB70	35320	ISSACSEN, WINTRHOP N SEPARATE PROPERTY TRUST
SB71	330575	D.I.G. DENTON LLC
SB72	215385	RAYZOR INV LTD
SB73	668373	NM CLFX LP
SB74	184769	EXETER 3900 AIRPORT, LP
SB75	152277	BLUE SILVER PROPERTIES LLC
NB88	35319	LATTIMORE MATERIALS CO LP
NB89	39303	JONES, ROBERT W
NB90	121905	UNIVERSITY OF NORTH TEXAS
NB91	220465	UNIVERSITY OF NORTH TEXAS
NB92	259468	UNIVERSITY OF NORTH TEXAS
NB93	36712	RAYZOR INV LTD
NB94	36704	RAYZOR INV LTD

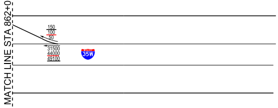
NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED SEPTEMBER 22, 2017 AND RECORD PLANS.
2. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP PANELS 48121C0360G, 48121C0370G, 48121C0365G, 48121C0505G, 48121C0495G AND 48121C0515G.
3. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC WERE OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (APRIL 30, 2019).
4. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSE ONLY.
5. CURBS ON THE FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
6. CONVENTIONAL ROADWAY SIGNAGES (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
7. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
8. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OF NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
9. ACCESS DENIAL BASED ON ℄ IH 35W STATIONING.

REASSIGNED TRAFFIC BASED ON PROPOSED SCHEMATIC. ORIGINAL NUMBERS PROVIDED BY TEXAS DEPARTMENT OF TRANSPORTATION; TRANSPORTATION PROGRAMMING AND PLANNING DIVISION FOR YEARS 2025, 2045, 2055. DATED AUGUST 27, 2019, MODIFIED BY HNTB OCTOBER 25, 2019.

LEGEND
1000- 2025 ADT
1000- 2045 ADT
1000- 2055 ADT

SCALE: N.T.S.



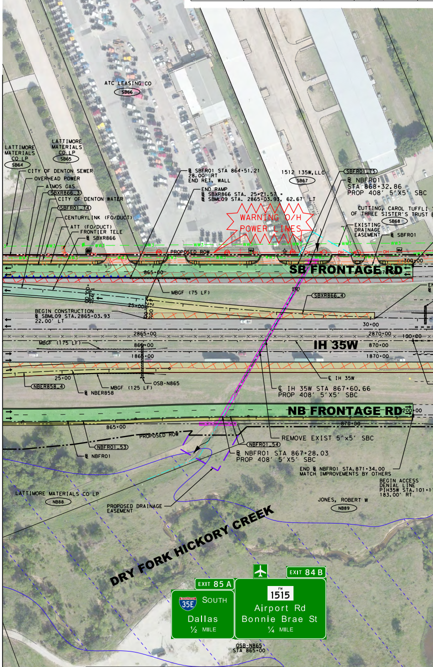
MATCH LINE STA 862+00
150
100
50
31500
44000
49100
35W

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	
NBFR01_53	864+23.57	7,122,065.08	2,376,803.62	2°
NBFR01_54	866+63.44	7,122,293.67	2,376,876.45	2°

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	
NBER858_4	24+77.28	7,122,047.68	2,376,677.24	5°

CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	
SBXR866_3	22+08.35	7,122,009.45	2,376,467.26	6°
SBXR866_4	28+56.87	7,122,587.57	2,376,762.62	6°

MATCH LINE STA 862+00



ATC LEASING CO
SB66
LATTIMORE MATERIALS CO LP
SB64
LATTIMORE MATERIALS CO LP
SB65
CITY OF DENTON SEWER
OVERHEAD POWER
ATMOS GAS
SBXR866_3
CITY OF DENTON WATER
SBFR01_74
CENTURYLINK (FO/DUCT)
ATT (FO/DUCT)
FRONTIER TELE
℄ SBXR866
℄ SBFR01 STA 864+51.21
28.00' RT
END RET. WALL
END RAMP
℄ SBXR866 STA. 25+21.57 =
℄ SBML09 STA. 2865+03.93, 62.67' LT
1512 135W, LLC
SB67
SBFR01_75
℄ NBFR01
STA 868+32.86
PROP 408' 5'X5' SBC
CUTTING, CAROL TUFFLI TR OF THREE SISTER'S TRUST E
SB68
EXISTING DRAINAGE EASEMENT
℄ SBFR01
WARNING O/H POWER LINES
PROPOSED ROW
865+00
300+00
SB FRONTAGE RD
MBGF (75 LF)
SBXR866_4
BEGIN CONSTRUCTION
℄ SBML09 STA. 2865+03.93
22.00' LT
25+00
30+00
2865+00
2870+00
IH 35W
870+00
100+00
MBGF (175 LF)
865+00
1865+00
1870+00
℄ IH 35W
25+00
NBER858_4
℄ NBER858
MBGF (125 LF)
OSB-N865
℄ IH 35W STA 867+60.66
PROP 408' 5'X5' SBC
NB FRONTAGE RD
200+00
865+00
870+00
PROPOSED ROW
NBFR01_53
℄ NBFR01
NBFR01_54
REMOVE EXIST 5'x5' SBC
℄ NBFR01 STA 867+28.03
PROP 408' 5'X5' SBC
END ℄ NBFR01 STA. 871+34.00
MATCH IMPROVEMENTS BY OTHERS
BEGIN ACCESS DENIAL LINE
PIH35W STA.101+1
183.00' RT
LATTIMORE MATERIALS CO LP
NB88
PROPOSED DRAINAGE EASEMENT
JONES, ROBERT W
NB89
DRY FORK HICKORY CREEK
EXIT 85 A
35E
SOUTH
Dallas
½ MILE
EXIT 84 B
FM 1515
Airport Rd
Bonnie Brae St
¼ MILE
OSB-N865
STA 865+00

SUPERELEVATION TRANSITION AND CROSS-SLOPE TABLE

ALIGNMENT	STATION TO STATION	RATE	X-SLOPE
SBXR866	18+00.00 TO 19+20.00	0.50%	-2.00% ~ 1.95%
SBXR866	24+00.00 TO 25+20.00	0.50%	1.95% ~ -2.00%

NOTE:

1. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.

NBFR01

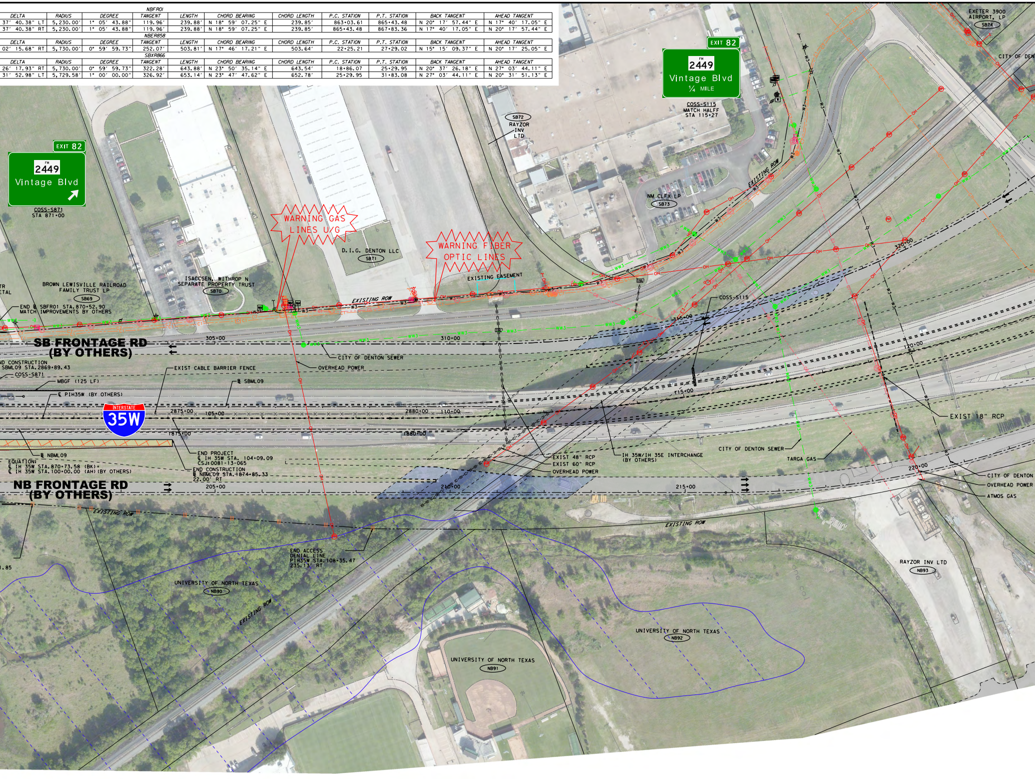
DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
37′ 40.38" LT	5,230.00′	1° 05′ 43.88"	119.96′	239.88′	N 18° 59′ 07.25" E	239.85′	863+03.61	865+43.48	N 20° 17′ 57.44" E	N 17° 40′ 17.05" E
37′ 40.38" RT	5,230.00′	1° 05′ 43.88"	119.96′	239.88′	N 18° 59′ 07.25" E	239.85′	865+43.48	867+83.36	N 17° 40′ 17.05" E	N 20° 17′ 57.44" E

NBER858

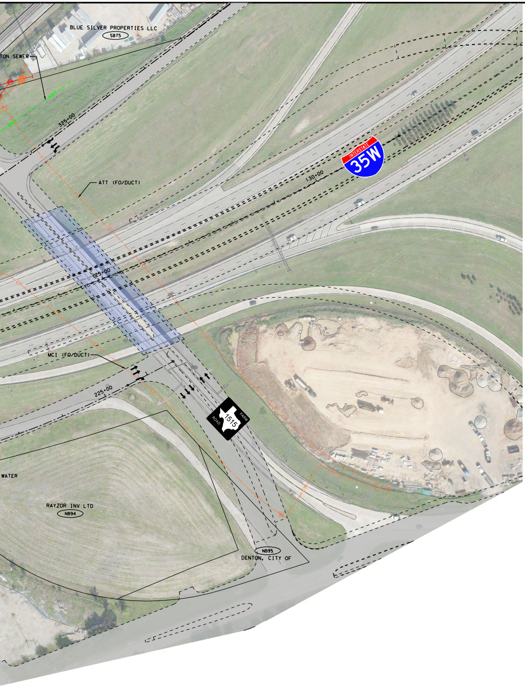
DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
02′ 15.68" RT	5,730.00′	0° 59′ 59.73"	252.07′	503.81′	N 17° 46′ 17.21" E	503.64′	22+25.21	27+29.02	N 15° 15′ 09.37" E	N 20° 17′ 25.05" E

SBXR866

DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
26′ 17.93" RT	5,730.00′	0° 59′ 59.73"	322.28′	643.88′	N 23° 50′ 35.14" E	643.54′	18+86.07	25+29.95	N 20° 37′ 26.18" E	N 27° 03′ 44.11" E
31′ 52.98" LT	5,729.58′	1° 00′ 00.00"	326.92′	653.14′	N 23° 47′ 47.62" E	652.78′	25+29.95	31+83.08	N 27° 03′ 44.11" E	N 20° 31′ 51.13" E



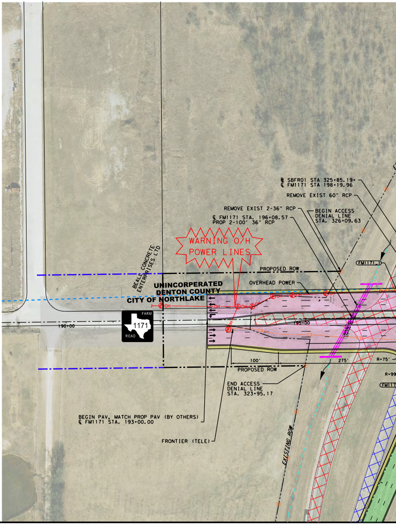
EXIT 82
FM 2449
Vintage Blvd
1/4 MILE
COSS-S115
MATCH HALFF
STA 115+27
EXETER 3900
AIRPORT, LP
SB74
CITY OF DEN
SB72
RAYZOR
INV
LTD
NM CLFX LP
SB73
EXISTING ROW
EXIT 82
FM 2449
Vintage Blvd
COSS-S871
STA 871+00
WARNING GAS
LINES U/G
D.I.G. DENTON LLC
SB71
WARNING FIBER
OPTIC LINES
EXISTING EASEMENT
EXISTING ROW
COSS-S115
TR
ETAL
BROWN LEWISVILLE RAILROAD
FAMILY TRUST LP
SB69
ISACCSEN, WITHROP N
SEPARATE PROPERTY TRUST
SB70
END ℄ SBFR01 STA.870+52.90
MATCH IMPROVEMENTS BY OTHERS
SB FRONTAGE RD
(BY OTHERS)
305+00
310+00
315+00
320+00
ND CONSTRUCTION
SBML09 STA.2869+89.43
COSS-S871
EXIST CABLE BARRIER FENCE
CITY OF DENTON SEWER
OVERHEAD POWER
MBGF (125 LF)
℄ SBML09
℄ PIH35W (BY OTHERS)
INTERSTATE
35W
2875+00
105+00
2880+00
110+00
115+00
120+00
1875+00
1880+00
EXIST 18" RCP
℄ NBML09
EQUATION:
℄ IH 35W STA.870+73.58 (BK)=
℄ IH 35W STA.100+00.00 (AH)(BY OTHERS)
END PROJECT
℄ IH 35W STA. 104+09.09
CSJ:0081-13-065
END CONSTRUCTION
℄ NBML09 STA.1874+85.33
22.00′ RT
EXIST 48" RCP
EXIST 60" RCP
OVERHEAD POWER
IH 35W/IH 35E INTERCHANGE
(BY OTHERS)
CITY OF DENTON SEWER
TARGA GAS
CITY OF DENTON
OVERHEAD POWER
ATMOS GAS
NB FRONTAGE RD
(BY OTHERS)
205+00
210+00
215+00
220+00
EXISTING ROW
EXISTING ROW
.85
END ACCESS
DENIAL LINE
PIH35W STA.108+35.47
235.13′ RT
UNIVERSITY OF NORTH TEXAS
NB90
EXISTING ROW
UNIVERSITY OF NORTH TEXAS
NB91
UNIVERSITY OF NORTH TEXAS
NB92
RAYZOR INV LTD
NB93


BLUE SILVER PROPERTIES LLC
SB75
TON SEWER
325+00
ATT (FO/DUCT)
INTERSTATE
35W
130+00
125+00
MCI (FO/DUCT)
225+00
FARM
ROAD
1515
WATER
RAYZOR INV LTD
NB94
NB95
DENTON, CITY OF

CURVE NO.	P.I. STATION	P.I. STATION - N
FM1171_1	197+08.15	7,073,631.26
FM1171_2	202+99.88	7,073,650.62
FM1171_3	204+36.30	7,073,668.21

CURVE NO.	P.I. STATION	P.I. STATION - N
FM1171LUT1	11+13.52	7,073,548.00
FM1171LUT2	12+71.81	7,073,540.13
FM1171LUT3	13+41.55	7,073,538.00

CURVE NO.	P.I. STATION	P.I. STATION - N
FM1171RUT1	11+13.48	7,073,735.17
FM1171RUT2	13+41.71	7,073,745.32


℄ SBFR01 STA 325+85.19=
℄ FM1171 STA 198+19.96
REMOVE EXIST 60" RCP
REMOVE EXIST 2-36" RCP
BEGIN ACCESS
DENIAL LINE
STA. 326+09.63
℄ FM1171 STA. 196+08.57
PROP 2-100' 36" RCP
WARNING O/H
POWER LINES
BEALL CONCRETE
ENTERPRISES LTD
PROPOSED ROW
FM1171_1
UNINCORPERATED
DENTON COUNTY
CITY OF NORTHLAKE
OVERHEAD POWER
OH
FARM
1171
ROAD
190+00
195+00
C9
100'
275'
R=75'
R=99
FM117
PROPOSED ROW
END ACCESS
DENIAL LINE
STA. 323+95.17
BEGIN PAV, MATCH PROP PAV (BY OTHERS)
℄ FM1171 STA. 193+00.00
FRONTIER (TELE)
EXISTING ROW

FM1171

P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
2,353,432.68	1° 08′ 17.10" LT	20,000.00′	0° 17′ 11.32"	198.64′	397.27′	N 88° 41′ 38.82" E	397.26′	195+09.51	199+06.78	N 89° 15′ 47.38" E	N 88° 07′ 30.27" E
2,354,024.11	5° 31′ 29.46" LT	1,500.00′	3° 49′ 10.99"	72.38′	144.64′	N 85° 21′ 45.54" E	144.58′	202+27.51	203+72.15	N 88° 07′ 30.27" E	N 82° 36′ 00.81" E
2,354,159.50	4° 53′ 51.07" RT	1,500.00′	3° 49′ 10.99"	64.15′	128.22′	N 85° 02′ 56.34" E	128.18′	203+72.15	205+00.37	N 82° 36′ 00.81" E	N 87° 29′ 51.88" E

FM1171LUT

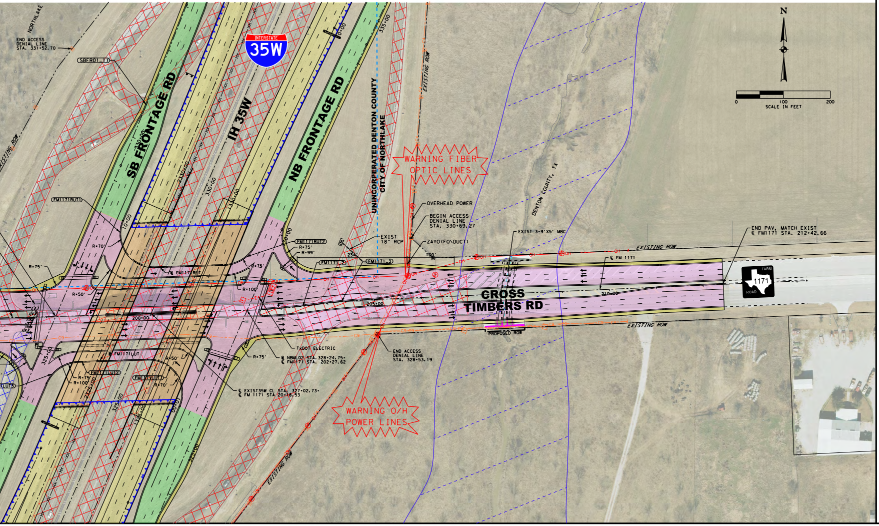
P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
2,353,854.03	115° 13′ 45.79" LT	72.00′	79° 34′ 38.90"	113.52′	144.80′	N 34° 15′ 36.83" W	121.60′	10+00.00	11+44.80	N 23° 21′ 16.06" E	S 88° 07′ 30.27" W
2,353,613.63	0° 07′ 06.35" RT	20,097.00′	0° 17′ 06.35"	20.77′	41.54′	S 88° 11′ 03.45" W	41.54′	12+51.04	12+92.58	S 88° 07′ 30.27" W	S 88° 14′ 36.63" W
2,353,543.93	64° 54′ 27.99" LT	77.00′	74° 24′ 36.44"	48.97′	87.23′	S 55° 47′ 22.63" W	82.64′	12+92.58	13+79.81	S 88° 14′ 36.63" W	S 23° 20′ 08.64" W

FM1171RUT

P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
2,353,642.06	115° 12′ 38.37" LT	72.00′	79° 34′ 38.90"	113.48′	144.78′	S 34° 16′ 10.54" E	121.59′	10+00.00	11+44.78	S 23° 20′ 08.64" W	N 88° 07′ 30.27" E
2,353,952.30	64° 46′ 14.21" LT	77.00′	74° 24′ 36.37"	48.84′	87.05′	N 55° 44′ 23.17" E	82.48′	12+92.87	13+79.92	N 88° 07′ 30.27" E	N 23° 21′ 16.06" E

NOTES:

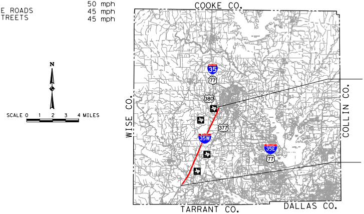
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED APRIL 17, 2018 AND RECORD PLANS.


NORTHLAKE
END ACCESS DENIAL LINE STA. 331+52.70
SBFR01_T1
INTERSTATE 35W
SB FRONTAGE RD
IH 35W
NB FRONTAGE RD
EXISTING ROW
330+00
2330+00
1330+00
10+00
FM1171RUT1
FM1171RUT2
FM1171_2
FM1171_3
FM1171LUT1
FM1171LUT2
FM1171LUT3
℄ FM1171RUT
℄ FM1171LUT
R=70′
R=75′
R=99′
R=100′
R=50′
200+00
205+00
210+00
325+00
2325+00
1325+00
UNINCORPERATED DENTON COUNTY
CITY OF NORTHLAKE
WARNING FIBER OPTIC LINES
OVERHEAD POWER
BEGIN ACCESS DENIAL LINE STA. 330+69.27
EXIST 18" RCP
ZAYO(FO\DUCT)
234′
100′
EXIST 3-9′X5′ MBC
DENTON COUNTY, TX
CROSS TIMBERS RD
PROPOSED ROW
TxDOT ELECTRIC
℄ NBML02 STA. 328+24.75= ℄ FM1171 STA. 202+27.62
END ACCESS DENIAL LINE STA. 328+53.19
℄ EXIST35W CL STA. 327+02.73= ℄ FM 1171 STA 20+18.53
WARNING O/H POWER LINES
℄ FM 1171
EXISTING ROW
END PAV, MATCH EXIST ℄ FM1171 STA. 212+42.66
FARM 1171 ROAD
OH
C9
E4
N
0 100 200
SCALE IN FEET

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MO BUR, P.E., DISTRICT ENGINEER
DENTON COUNTY
IH 35W FRONTAGE ROADS
PROJECT LIMIT: FROM DALE EARNHARDT WAY
TO SOUTH OF IH 35E/IH 35W INTERCHANGE
CONTROL: 0081-13-065
FUNCTIONAL CLASS: RURAL INTERSTATE
PROJECT LENGTH = 12.405 MILES (65,498.99 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS	50 mph
FRONTAGE ROADS	45 mph
CROSS STREETS	45 mph


COOKE CO.
WISE CO.
COLLIN CO.
TARRANT CO.
DALLAS CO.
35
77
380
377
35W
35E
N
SCALE 0 1 2 3 4 MILES

END PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 104+09.09
TRM 84+0.478
CSJ: 0081-13-065

BEGIN PROJECT
IH 35W FRONTAGE ROADS
℄ IH 35W STA 219+83.68
TRM 72+0.450
END CSJ: 0081-13-065
BEGIN CSJ: 0081-13-065

EQUATION:
℄ IH 35W STA. 870+73.58=
℄ IH 35W STA. 100+00.00 (BY OTHERS)

LOCATION MAP
MARCH 2020
SCALE: 1"=100′
ROLL 11 OF 34

SHEET INDEX

ROLL 1:	PLAN VIEW-IH 35W FRONTAGE ROADS BEGIN PROJECT TO STA 241+00
ROLL 2:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 241+00 TO STA 310+00
ROLL 3:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 310+00 TO STA 379+00
ROLL 4:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 379+00 TO STA 448+00
ROLL 5:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 448+00 TO STA 517+00
ROLL 6:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 517+00 TO STA 586+00
ROLL 7:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 586+00 TO STA 655+00
ROLL 8:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 655+00 TO STA 724+00
ROLL 9:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 724+00 TO STA 793+00
ROLL 10:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 793+00 TO STA 862+00
ROLL 11:	PLAN VIEW-IH 35W FRONTAGE ROADS STA 862+00 TO END PROJECT
ROLL 12:	PROFILE VIEW-IH 35W NBFR BEGIN PROJECT TO STA 416+00
ROLL 13:	PROFILE VIEW-IH 35W NBFR STA 416+00 TO STA 604+00
ROLL 14:	PROFILE VIEW-IH 35W NBFR STA 604+00 TO STA 792+00
ROLL 15:	PROFILE VIEW-IH 35W NBFR STA 792+00 TO END PROJECT
ROLL 16:	PROFILE VIEW-IH 35W SBFR BEGIN PROJECT TO STA 415+00
ROLL 17:	PROFILE VIEW-IH 35W SBFR STA 415+00 TO STA 603+00
ROLL 18:	PROFILE VIEW-IH 35W SBFR STA 603+00 TO STA 791+00
ROLL 19:	PROFILE VIEW-IH 35W SBFR STA 791+00 TO STA END PROJECT
ROLL 20:	PROFILE VIEW-IH 35W NBML BEGIN PROJECT TO STA 1388+00
ROLL 21:	PROFILE VIEW-IH 35W NBML STA 1388+00 TO STA 1576+00
ROLL 22:	PROFILE VIEW-IH 35W NBML STA 1576+00 TO 1764+00
ROLL 23:	PROFILE VIEW-IH 35W NBML STA 1764+00 TO END PROJECT
ROLL 24:	PROFILE VIEW-IH 35W SBML BEGIN PROJECT TO STA 2386+00
ROLL 25:	PROFILE VIEW-IH 35W SBML STA 2386+00 TO STA 2574+00
ROLL 26:	PROFILE VIEW-IH 35W SBML STA 2574+00 TO STA 2762+00
ROLL 27:	PROFILE VIEW-IH 35W SBML STA 2762+00 TO END PROJECT
ROLL 28:	PROFILE VIEW-IH 35W NB RAMPS
ROLL 29:	PROFILE VIEW-IH 35W NB RAMPS
ROLL 30:	PROFILE VIEW-IH 35W SB RAMPS
ROLL 31:	PROFILE VIEW-IH 35W SB RAMPS
ROLL 32:	PROFILE VIEW-IH 35W CROSS STREETS
ROLL 33:	PROFILE VIEW-IH 35W CROSS STREETS
ROLL 34:	PROFILE VIEW-IH 35W CROSS STREETS

Jacobs

PRELIMINARY FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
JESUS GONZALEZ JR., P.E.	111427	04/08/2020

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4/20/2020
I-35W-Sch-11.dgn