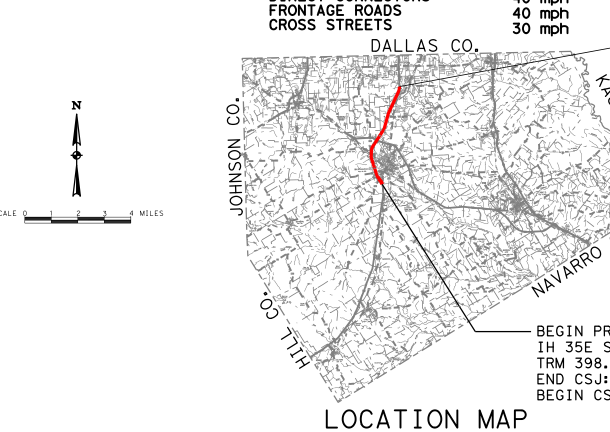
Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS	50 mph
DIRECT CONNECTORS	40 mph
FRONTAGE ROADS	40 mph
CROSS STREETS	30 mph



LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 1 OF 24

ROLL 1: PLAN VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1141+00

SHEET INDEX

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ROLL 2: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1141+00 TO STA 1210+00
ROLL 3: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1210+00 TO STA 1279+00
ROLL 4: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1279+00 TO STA 1344+00
ROLL 5: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1344+00 TO STA 1411+00
ROLL 6: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1411+00 TO STA 1478+00
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ROLL 8: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1545+00 TO STA 1645+00
ROLL 9: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1645+00 TO END PROJECT
ROLL 10: PLAN VIEW-AUXILIARY LANE STA 134+00 TO END PROJECT
ROLL 11: PROFILE VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1160+00
ROLL 12: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1160+00 TO STA 1254+00
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ROLL 14: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1351+00 TO STA 1460+00
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ROLL 16: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1554+00 TO STA 1637+00
PROFILE VIEW-IH 35E NB FRONTAGE ROAD STA 1554+00 TO END PROJECT
ROLL 17: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1637+00 TO END PROJECT
PROFILE VIEW-PH2 US 77 NORTH
PROFILE VIEW-IH 35E SBML AT US 77 SOUTH
ROLL 18: PROFILE VIEW-IH 35E MAIN LANES AT CROSS STREETS
ROLL 19: PROFILE VIEW-IH 35E MAIN LANES AT STERRETT RD
PROFILE VIEW-DC77SSFR
PROFILE VIEW-DC77SSML
ROLL 20: PROFILE VIEW-DC287SE-SOUTHBOUND I-35 TO EASTBOUND US 287 DIRECT CONNECTOR
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PROFILE VIEW-US 287 WB FRONTAGE ROAD
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PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-US 287 EB FRONTAGE ROAD
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PROFILE VIEW-PH2 CROSS STREETS

ch2m
TBPE FIRM NO. F-2297

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NAME	P.E. NO.	DATE
ABENET BEKELE, P.E.	86055	5-14-2018

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LEGEND

	PHASE I PAVEMENT TO REMAIN
	PHASE I PAVEMENT TO BE REMOVED
	PHASE II MAINLANE
	PHASE II FRONTAGE ROAD
	PHASE II US 77
	PHASE II BRIDGE
	PHASE II RAMP
	PHASE II CROSS STREET
	PHASE II SIDE STREET
	PHASE II TRANSITION
	PHASE II SIDEWALK
	PHASE II DRIVEWAY
	PHASE II MILLING & RESURFACING
	DISPLACEMENT
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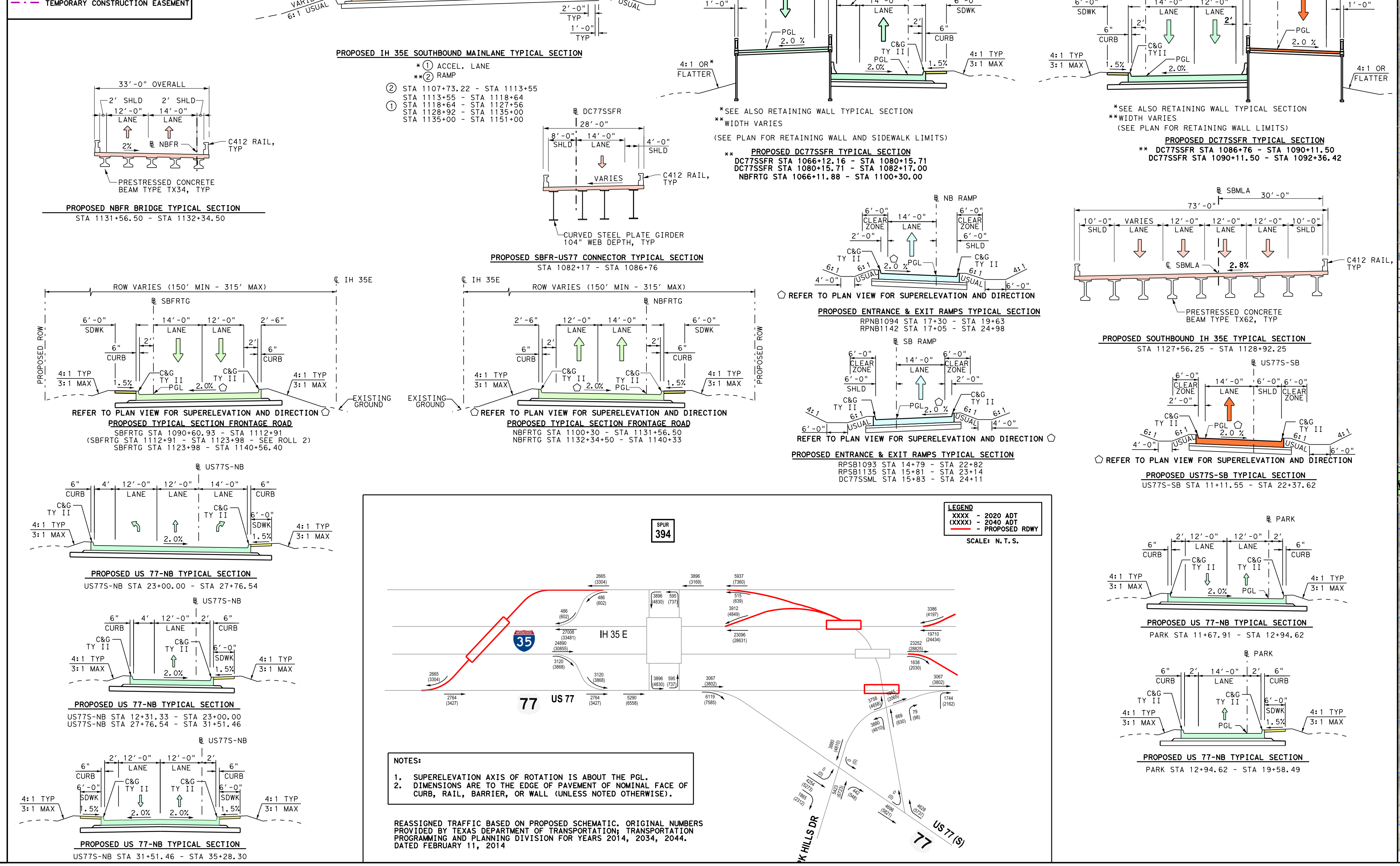
	EXISTING RIGHT-OF-WAY (R.O.W.)
	DRAINAGE EASEMENT
	TEMPORARY CONSTRUCTION EASEMENT



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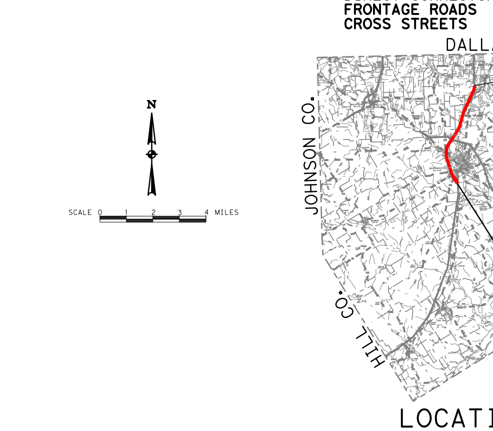

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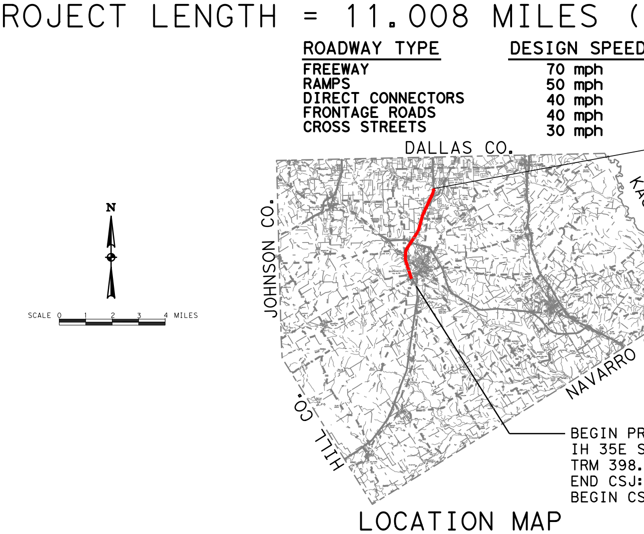

END PROJECT
IH 35E STA 1658+61.38
TRM 408.270
CSJ: 0048-04-090

BEGIN PROJECT
IH 35E STA 1077+44.91
TRM 398.328
END CSJ: 0048-08-049
BEGIN CSJ: 0048-04-090

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 2 OF 24

SHEET INDEX

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ch2m
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ROLL 2: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1141+00 TO STA 1210+00

5/15/2018
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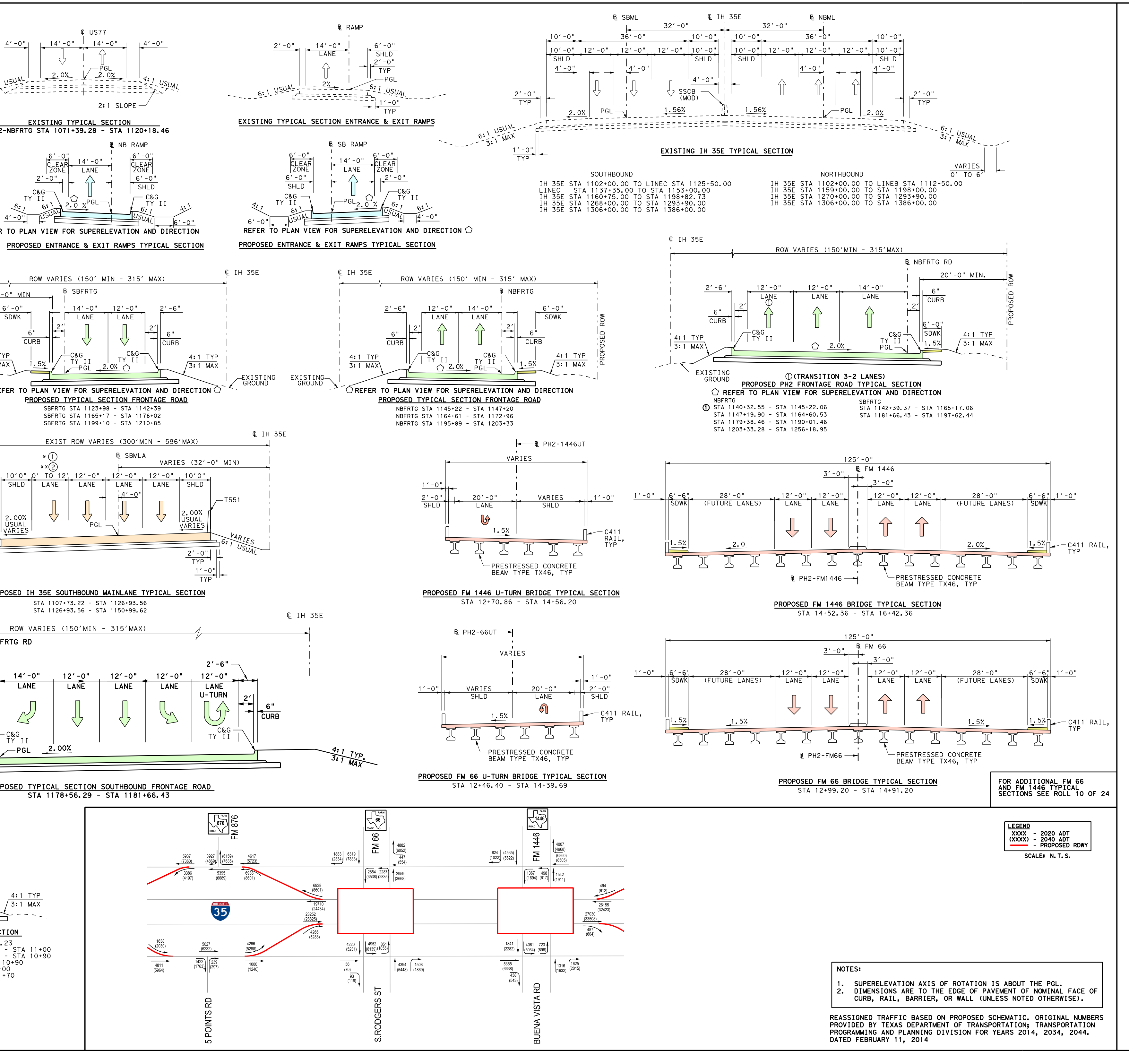

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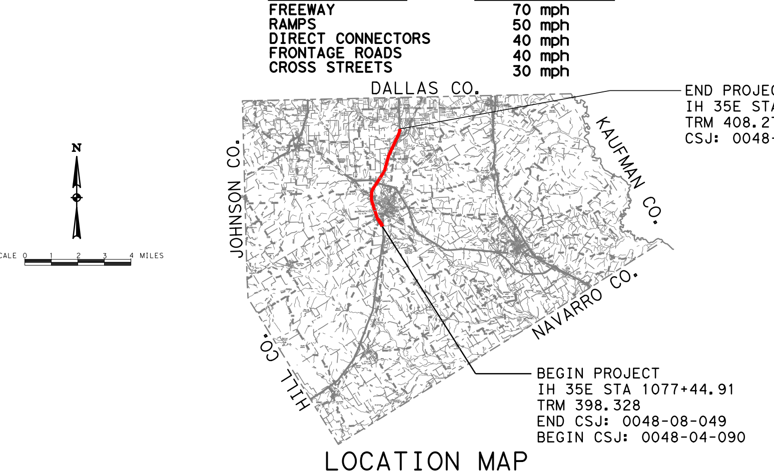

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 3 OF 24

IH 35E FRONTAGE ROADS STA 1210+00 TO STA 1279+00
ROLL 3

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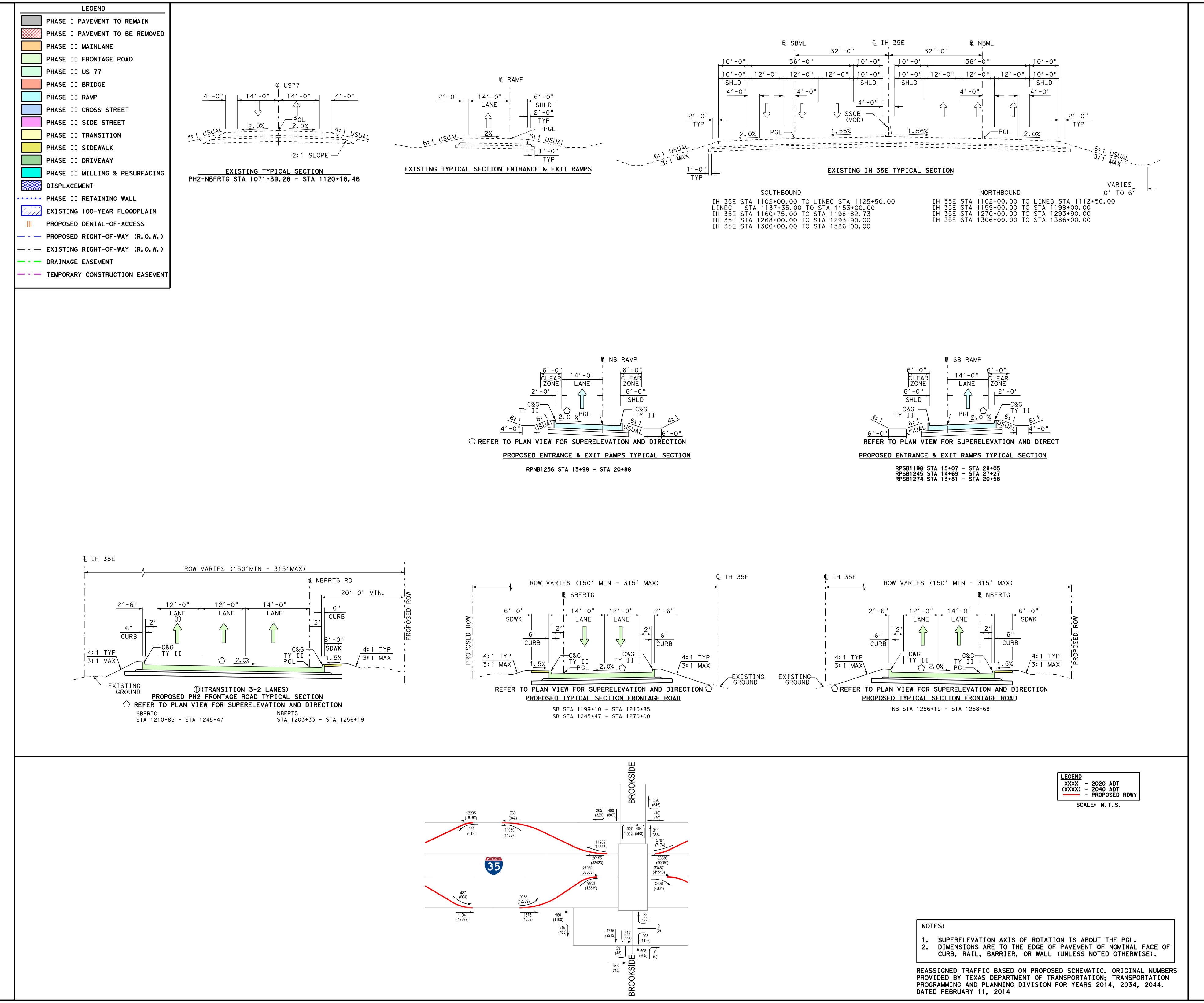

PH2-CL_IH35E

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
PH1-CL_IH35E-4	1281+40.64	6,833,522.45	2,470,735.45	19° 51′ 53.59" RT	5,729.58′	1° 00′ 00.00"	1,003.31′	1,986.49′	N 7° 01′ 09.60" W	1,976.55′	1271+37.32	1291+23.81	N 16° 57′ 06.40" W	N 2° 54′ 47.19" E

PH2-NBFRTG

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
PH2-NBFRTG-5	1214+91.87	6,827,215.91	2,472,843.72	4° 58′ 46.46" LT	5,729.58′	1° 00′ 00.00"	249.14′	497.96′	N 19° 12′ 52.73" W	497.80′	1212+42.74	1217+40.69	N 16° 43′ 29.50" W	N 21° 42′ 15.96" W
PH2-NBFRTG-6	1219+75.46	6,827,665.51	2,472,664.76	4° 41′ 34.02" RT	5,729.58′	1° 00′ 00.00"	234.77′	469.28′	N 19° 21′ 28.95" W	469.15′	1217+40.69	1222+09.97	N 21° 42′ 15.96" W	N 17° 00′ 41.94" W
PH2-NBFRTG-7	1235+82.29	6,829,202.28	2,472,194.58	1° 19′ 03.68" RT	3,600.00′	1° 35′ 29.58"	41.40′	82.79′	N 16° 21′ 10.10" W	82.79′	1235+40.89	1236+23.68	N 17° 00′ 41.94" W	N 15° 41′ 38.26" W
PH2-NBFRTG-8	1243+62.37	6,829,953.29	2,471,983.57	3° 18′ 41.54" LT	9,500.00′	0° 36′ 11.21"	274.61′	549.07′	N 17° 20′ 59.02" W	549.00′	1240+87.76	1246+36.84	N 15° 41′ 38.26" W	N 19° 00′ 19.79" W
PH2-NBFRTG-9	1250+66.34	6,830,619.02	2,471,754.26	2° 03′ 13.39" RT	9,500.00′	0° 36′ 11.21"	170.28′	340.52′	N 17° 58′ 43.09" W	340.50′	1248+96.06	1252+36.58	N 19° 00′ 19.79" W	N 16° 57′ 06.40" W
PH2-NBFRTG-10	1272+54.90	6,832,712.53	2,471,116.14	2° 24′ 18.12" RT	5,601.58′	1° 01′ 22.26"	117.58′	235.13′	N 15° 44′ 57.34" W	235.11′	1271+37.32	1273+72.45	N 16° 57′ 06.40" W	N 14° 32′ 48.28" W
PH2-NBFRTG-11	1275+71.88	6,833,019.37	2,471,036.52	5° 58′ 38.49" RT	3,819.72′	1° 30′ 00.00"	199.43′	398.49′	N 11° 33′ 29.03" W	398.31′	1273+72.45	1277+70.94	N 14° 32′ 48.28" W	N 8° 34′ 09.79" W

PH2-SBFRTG

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
PH2-SBFRTG-7	1216+86.85	6,827,296.45	2,472,443.39	7° 27′ 46.68" RT	2,000.00′	2° 51′ 53.24"	130.44′	260.51′	N 13° 50′ 51.10" W	260.32′	1215+56.41	1218+16.92	N 17° 34′ 44.44" W	N 10° 06′ 57.76" W
PH2-SBFRTG-8	1220+52.26	6,827,656.55	2,472,379.14	6° 51′ 49.95" LT	1,500.00′	3° 49′ 10.99"	89.96′	179.70′	N 13° 32′ 52.74" W	179.59′	1219+62.31	1221+42.00	N 10° 06′ 57.76" W	N 16° 58′ 47.71" W
PH2-SBFRTG-9	1237+38.12	6,829,269.12	2,471,886.75	5° 54′ 14.73" LT	1,980.00′	2° 53′ 37.41"	102.11′	204.03′	N 19° 55′ 55.07" W	203.94′	1236+36.01	1238+40.04	N 16° 58′ 47.71" W	N 22° 53′ 02.44" W
PH2-SBFRTG-10	1239+48.50	6,829,463.11	2,471,804.87	6° 12′ 28.44" RT	2,000.00′	2° 51′ 53.24"	108.45′	216.70′	N 19° 46′ 48.21" W	216.59′	1238+40.04	1240+56.74	N 22° 53′ 02.44" W	N 16° 40′ 33.99" W
PH2-SBFRTG-11	1247+02.73	6,830,185.82	2,471,588.37	5° 54′ 53.16" RT	2,000.00′	2° 51′ 53.24"	103.32′	206.46′	N 13° 43′ 07.41" W	206.37′	1245+99.41	1248+05.87	N 16° 40′ 33.99" W	N 10° 45′ 40.84" W
PH2-SBFRTG-12	1249+99.40	6,830,477.46	2,471,532.94	6° 16′ 34.59" LT	3,530.00′	1° 37′ 23.20"	193.53′	386.68′	N 13° 53′ 58.13" W	386.49′	1248+05.87	1251+92.55	N 10° 45′ 40.84" W	N 17° 02′ 15.43" W
PH2-SBFRTG-13	1265+87.40	6,831,996.13	2,471,067.55	4° 04′ 28.21" LT	2,000.00′	2° 51′ 53.24"	71.14′	142.23′	N 19° 04′ 29.53" W	142.20′	1265+16.25	1266+58.48	N 17° 02′ 15.43" W	N 21° 06′ 43.64" W
PH2-SBFRTG-14	1268+66.04	6,832,256.13	2,470,967.16	4° 08′ 57.97" RT	5,729.58′	1° 00′ 00.00"	207.56′	414.94′	N 19° 02′ 14.65" W	414.85′	1266+58.48	1270+73.43	N 21° 06′ 43.64" W	N 16° 57′ 45.67" W
PH2-SBFRTG-15	1276+53.99	6,833,009.97	2,470,737.23	10° 22′ 12.48" RT	1,145.96′	4° 59′ 59.37"	103.99′	207.41′	N 11° 46′ 39.43" W	207.13′	1275+50.00	1277+57.41	N 16° 57′ 45.67" W	N 6° 35′ 33.19" W

RPSB1198

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RPSB1198-4	29+66.79	6,826,884.00	2,472,599.24	4° 29′ 05.10" RT	7,870.00′	0° 43′ 40.90"	308.16′	616.01′	N 19° 49′ 16.99" W	615.86′	26+58.63	32+74.64	N 22° 03′ 49.54" W	N 17° 34′ 44.44" W

RPSB1245

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
RPSB1245-1	13+32.34	6,829,911.99	2,471,695.46	4° 50′ 10.24" RT	7,870.00′	0° 43′ 40.90"	332.34′	664.28′	N 14° 15′ 28.87" W	664.09′	10+00.00	16+64.28	N 16° 40′ 33.99" W	N 11° 50′ 23.75" W
RPSB1245-2	19+20.05	6,830,487.58	2,471,574.79	5° 06′ 42.65" LT	5,729.58′	1° 00′ 00.00"	255.76′	511.18′	N 14° 23′ 45.07" W	511.02′	16+64.28	21+75.47	N 11° 50′ 23.75" W	N 16° 57′ 06.40" W
RPSB1245-3	29+04.40	6,831,429.49	2,471,287.69	3° 33′ 03.35" RT	5,729.58′	1° 00′ 00.00"	177.60′	355.09′	N 15° 10′ 34.72" W	355.04′	27+26.80	30+81.89	N 16° 57′ 06.40" W	N 13° 24′ 03.05" W
RPSB1245-4	32+59.50	6,831,775.03	2,471,205.36	3° 33′ 03.35" LT	5,729.58′	1° 00′ 00.00"	177.60′	355.09′	N 15° 10′ 34.72" W	355.04′	30+81.89	34+36.99	N 13° 24′ 03.05" W	N 16° 57′ 06.40" W

RPNB1256

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
RPNB1256-1	11+71.38	6,830,923.07	2,471,636.20	3° 25′ 35.84" LT	5,729.58′	1° 00′ 00.00"	171.38′	342.66′	N 18° 45′ 49.45" W	342.61′	10+00.00	13+42.66	N 17° 03′ 01.52" W	N 20° 28′ 37.37" W
RPNB1256-2	15+18.98	6,831,248.80	2,471,514.57	3° 31′ 30.97" RT	5,729.58′	1° 00′ 00.00"	176.32′	352.53′	N 18° 42′ 51.88" W	352.47′	13+42.66	16+95.19	N 20° 28′ 37.37" W	N 16° 57′ 06.40" W
RPNB1256-3	21+87.19	6,831,888.08	2,471,319.71	3° 17′ 04.21" LT	7,870.00′	0° 43′ 40.90"	225.64′	451.15′	N 18° 35′ 38.50" W	451.09′	19+61.55	24+12.70	N 16° 57′ 06.40" W	N 20° 14′ 10.60" W
RPNB1256-4	25+76.97	6,832,253.92	2,471,184.84	3° 17′ 04.21" RT	5,729.58′	1° 00′ 00.00"	164.27′	328.45′	N 18° 35′ 38.50" W	328.41′	24+12.70	27+41.15	N 20° 14′ 10.60" W	N 16° 57′ 06.40" W

RPSB1274

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
RPSB1274-1	10+99.75	6,832,592.59	2,470,954.00	1° 59′ 41.15" LT	5,729.58′	1° 00′ 00.00"	99.75′	199.48′	N 19° 08′ 09.39" W	199.47′	10+00.00	11+99.48	N 18° 08′ 18.81" W	N 20° 07′ 59.96" W
RPSB1274-2	14+60.00	6,832,930.84	2,470,829.99	9° 16′ 18.44" RT	3,212.85′	1° 47′ 00.00"	260.53′	519.91′	N 15° 29′ 50.74" W	519.35′	11+99.48	17+19.39	N 20° 07′ 59.96" W	N 10° 51′ 41.52" W

RPNB1278

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
RPNB1278-1	12+23.25	6,832,843.50	2,471,007.48	7° 48′ 05.62" RT	3,274.04′	1° 45′ 00.00"	223.25′	445.80′	N 12° 31′ 56.79" W	445.46′	10+00.00	14+45.80	N 16° 25′ 59.59" W	N 8° 37′ 53.98" W

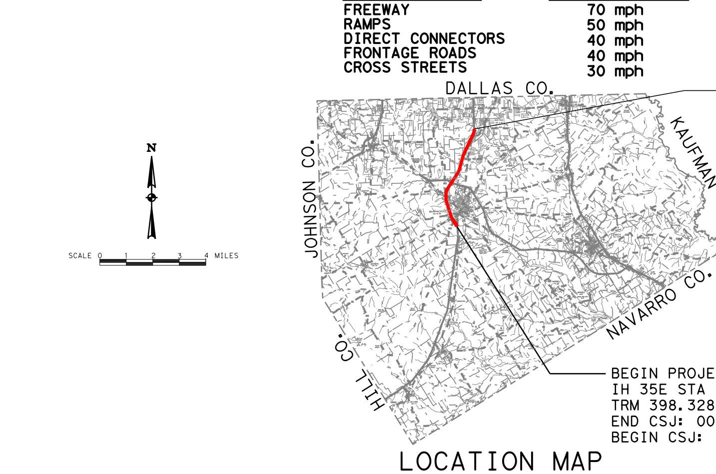
PH2-BRKSD

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
PH2-BRKSD-1	17+61.84	6,832,909.39	2,471,345.93	10° 07′ 59.88" RT	1,909.86′	3° 00′ 00.00"	169.33′	337.78′	N 80° 43′ 02.68" E	337.34′	15+92.52	19+30.29	N 75° 39′ 02.74" E	N 85° 47′ 02.62" E

NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED JUNE 21, 2016 AND RECORD PLANS.
2. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP PANELS 48139C0190F AND 48139C0200F.
3. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC WERE OBTAINED FROM ELLIS COUNTY APPRAISAL DISTRICT (FEBRUARY 25, 2015).
4. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSE ONLY.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
6. CURBS ON THE FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
7. CONVENTIONAL ROADWAY SIGNAGES (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
8. 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.

Texas Department of Transportation
DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)



LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 3 OF 24
ch2m
TBPE FIRM NO. F-2297
PRELIMINARY FOR INTERIM REVIEW ONLY

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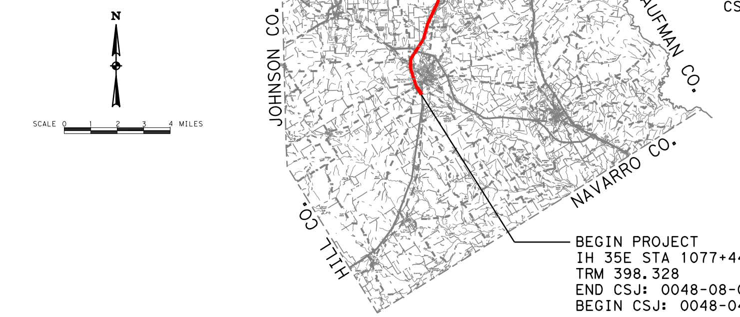
ROLL 4: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1279+00 TO STA 1344+00

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS	50 mph
DIRECT CONNECTORS	40 mph
FRONTAGE ROADS	40 mph
CROSS STREETS	30 mph



END PROJECT
IH 35E STA 1658+61.38
TRM 408.270
CSJ: 0048-04-090

BEGIN PROJECT
IH 35E STA 1077+44.91
TRM 398.328
END CSJ: 0048-08-049
BEGIN CSJ: 0048-04-090

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 4 OF 24

SHEET INDEX

ROLL 1: PLAN VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1141+00
ROLL 2: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1141+00 TO STA 1210+00
ROLL 3: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1210+00 TO STA 1279+00
ROLL 4: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1279+00 TO STA 1344+00
ROLL 5: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1344+00 TO STA 1411+00
ROLL 6: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1411+00 TO STA 1478+00
ROLL 7: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1478+00 TO STA 1545+00
ROLL 8: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1545+00 TO STA 1645+00
ROLL 9: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1645+00 TO END PROJECT
ROLL 10: PLAN VIEW-AUXILIARY LANE STA 134+00 TO END PROJECT
ROLL 11: PROFILE VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1160+00
ROLL 12: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1160+00 TO STA 1254+00
ROLL 13: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1254+00 TO STA 1351+00
ROLL 14: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1351+00 TO STA 1460+00
ROLL 15: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1460+00 TO STA 1554+00
ROLL 16: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1554+00 TO STA 1637+00
PROFILE VIEW-IH 35E NB FRONTAGE ROAD STA 1554+00 TO END PROJECT
ROLL 17: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1637+00 TO END PROJECT
PROFILE VIEW-PH2 US 77 NORTH
PROFILE VIEW-IH 35E SBML AT US 77 SOUTH
ROLL 18: PROFILE VIEW-IH 35E MAIN LANES AT CROSS STREETS
ROLL 19: PROFILE VIEW-IH 35E MAIN LANES AT STERRETT RD
PROFILE VIEW-DC77SSFR
PROFILE VIEW-DC77SSML
ROLL 20: PROFILE VIEW-DC287SE-SOUTHBOUND I-35 TO EASTBOUND US 287 DIRECT CONNECTOR
PROFILE VIEW-DC287WN-WESTBOUND US 287 TO NORTHBOUND I-35 DIRECT CONNECTOR
ROLL 21: PROFILE VIEW-CROSS STREETS
ROLL 22: PROFILE VIEW-NORTHBOUND RAMPS
PROFILE VIEW-US 287 WB FRONTAGE ROAD
ROLL 23: PROFILE VIEW-NORTHBOUND RAMPS
PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-US 287 EB FRONTAGE ROAD
ROLL 24: PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-PH2 CROSS STREETS

ch2m.
TBPE FIRM NO. F-2297

WESTGATE DR STA 10+00 - STA 11+40
PRELIMINARY FOR INTERIM REVIEW ONLY

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NAME	P.E. NO.	DATE
ABENET BEKELE, P.E.	86055	5-14-2018

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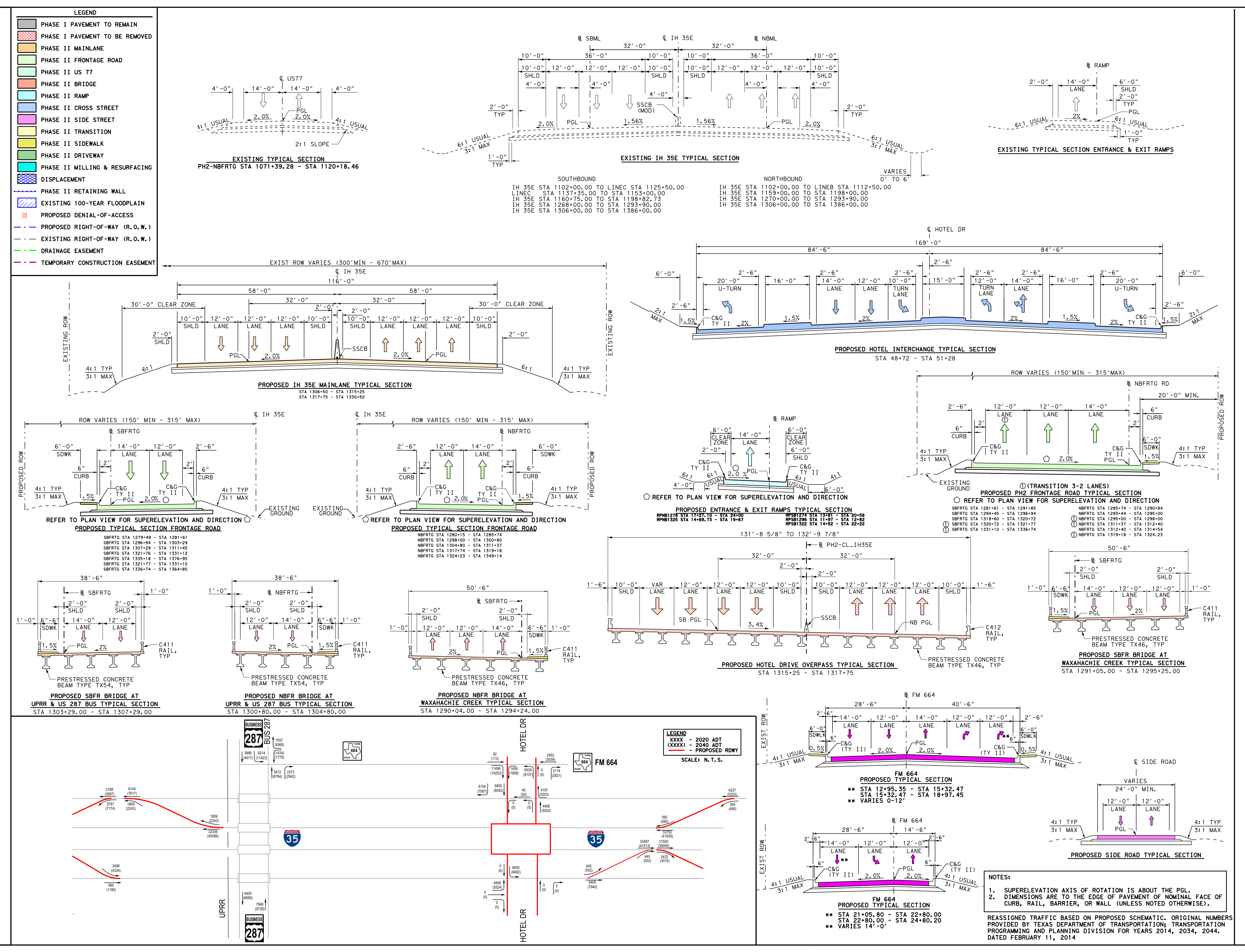
5/15/2018



Texas Department of Transportation
DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)
LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 4 OF 24
ch2m.
TBPE FIRM NO. F-2297
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Texas Department of Transportation

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JAMES K. SELMAN, P.E., DISTRICT ENGINEER
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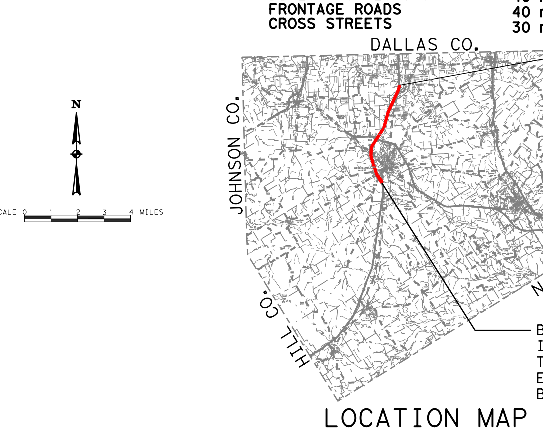
ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS*	50 mph
DIRECT CONNECTORS	40 mph
FRONTAGE ROADS	40 mph
CROSS STREETS	30 mph

* 30 mph FOR US287EBFR AND US287WBFR



LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 5 OF 24

ROLL 5: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1344+00 TO STA 1411+00

SHEET INDEX

ROLL 1: PLAN VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1141+00
ROLL 2: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1141+00 TO STA 1210+00
ROLL 3: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1210+00 TO STA 1279+00
ROLL 4: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1279+00 TO STA 1344+00
ROLL 5: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1344+00 TO STA 1411+00
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ROLL 8: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1545+00 TO STA 1645+00
ROLL 9: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1645+00 TO END PROJECT
ROLL 10: PLAN VIEW-AUXILIARY LANE STA 134+00 TO END PROJECT
ROLL 11: PROFILE VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1160+00
ROLL 12: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1160+00 TO STA 1254+00
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PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-US 287 EB FRONTAGE ROAD
ROLL 24: PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-PH2 CROSS STREETS

ch2m
TBPE FIRM NO. F-2297

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ABENET BEKELE, P.E.	86055	5-14-2018

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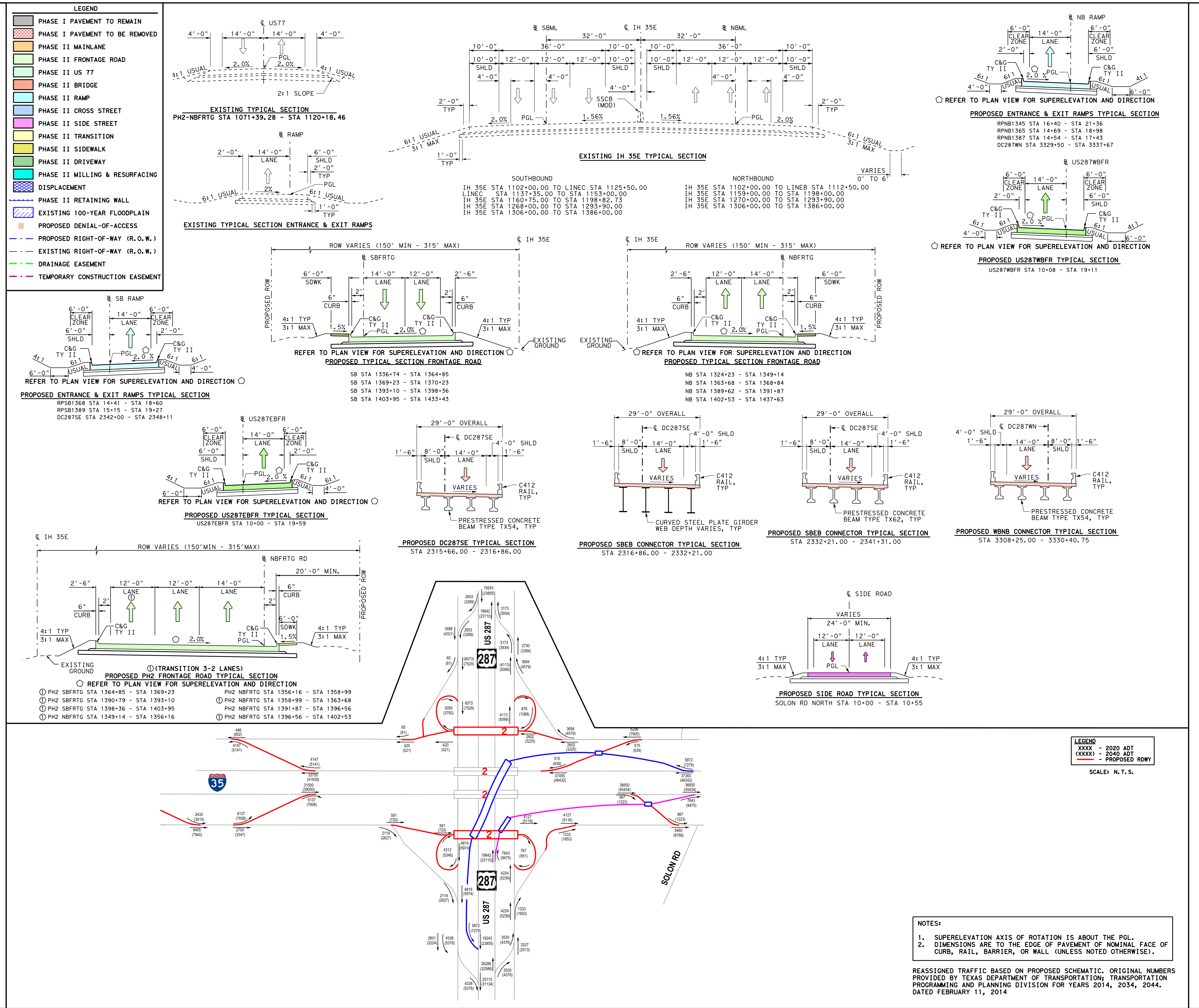

Texas Department of Transportation
DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
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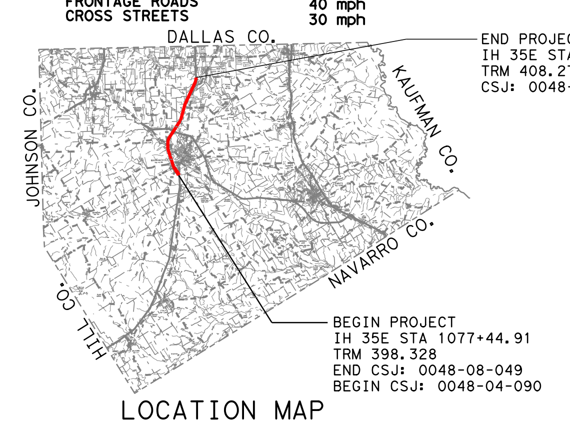

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 5 OF 24
ch2m
TBPE FIRM NO. F-2297
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Texas Department of Transportation

DALLAS DISTRICT
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JAMES K. SELMAN, P.E., DISTRICT ENGINEER
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ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 MPH
FRONT. CONNECTORS	45 MPH
FRONTAGE ROADS	40 MPH
CROSS STREETS	30 MPH

END PROJECT
CS 048 (15) 1054+01.38
TPP POS.(T)
CSJ: 0048-04-090

BEGIN PROJECT
CS 048 (15) 1111+44.91
TPP POS.(T)
CSJ: 0048-04-090
BEGIN CSJ: 0048-04-090

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 6 OF 24

SHEET INDEX

REV. 01 0048-04-090 SHEET 1 OF 24 SCHEMATIC TITLE SHEET
REV. 01 0048-04-090 SHEET 2 OF 24 SCHEMATIC LEGEND
REV. 01 0048-04-090 SHEET 3 OF 24 SCHEMATIC TYPICAL SECTIONS
REV. 01 0048-04-090 SHEET 4 OF 24 SCHEMATIC TYPICAL SECTIONS
REV. 01 0048-04-090 SHEET 5 OF 24 SCHEMATIC TYPICAL SECTIONS
REV. 01 0048-04-090 SHEET 6 OF 24 SCHEMATIC PLAN
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REV. 01 0048-04-090 SHEET 22 OF 24 SCHEMATIC PLAN
REV. 01 0048-04-090 SHEET 23 OF 24 SCHEMATIC PLAN
REV. 01 0048-04-090 SHEET 24 OF 24 SCHEMATIC PLAN

ch2m

PRELIMINARY FOR DESIGN REVIEW ONLY
PRELIMINARY FOR DESIGN REVIEW ONLY
THE ENGINEERING DATA CONTAINED HEREIN IS PRELIMINARY AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.
SHEET WORK: N/A SCALE: N/A DATE: 5/14/2018
DESIGN: N/A DRAWN: N/A CHECKED: N/A

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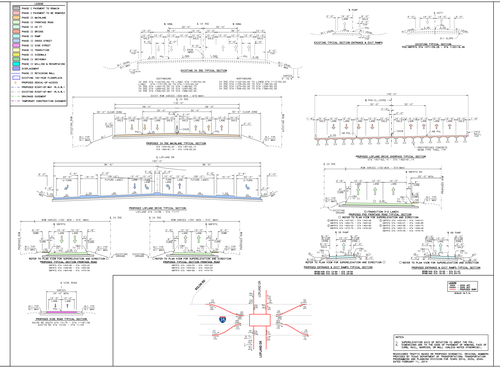
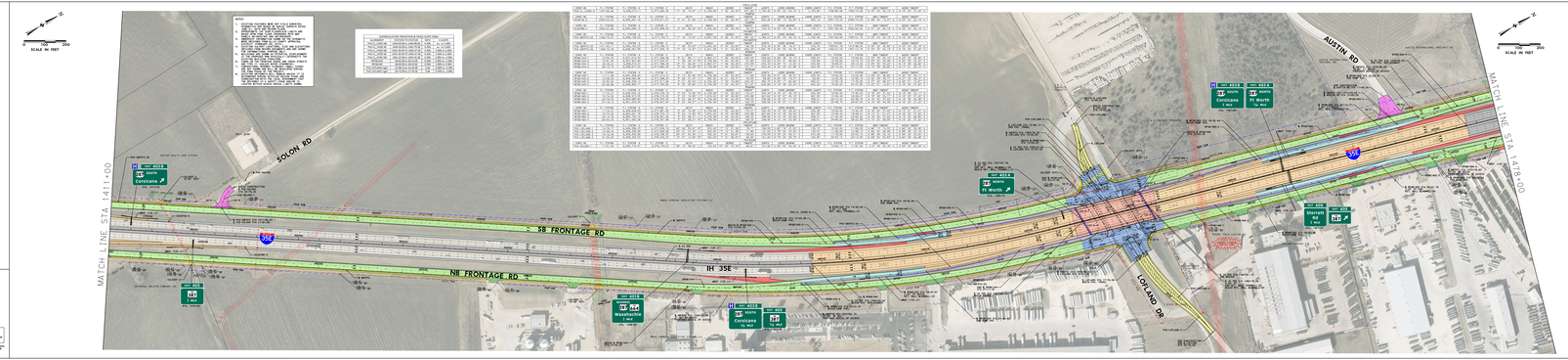
LEGEND
PAVE 1 PAVEMENT TO REMOVE
PAVE 2 PAVEMENT TO BE REMOVED
PAVE 3 PAVEMENT TO REPLACE
PAVE 4 PAVEMENT MARK
PAVE 5 TEMPORARY MARK
PAVE 6 SIGN
PAVE 7 SIGN
PAVE 8 CROSS STREET
PAVE 9 DRIVEWAY
PAVE 10 TRANSITION
PAVE 11 DRIVEWAY
PAVE 12 DRIVEWAY
PAVE 13 WALLS & RETAINING
PAVE 14 WALL
PAVE 15 RETAINING WALL
EXISTING TOP FOR FUTURE USE
EXISTING TOP OF DIRT (N.A.D.)
EXISTING TOP OF DIRT (N.A.D.)
EXISTING TOP OF DIRT
TEMPORARY CONSTRUCTION EASEMENT





SUPERELEVATION TRANSITIONS & CROSS SLOPES			
PROJECT LIMITS	1411+00.00	1478+00.00	6.7% (1.0%)
PROJECT LIMITS	1411+00.00	1478+00.00	2.0% (1.0%)
PROJECT LIMITS	1411+00.00	1478+00.00	2.0% (1.0%)
PROJECT LIMITS	1411+00.00	1478+00.00	2.0% (1.0%)
PROJECT LIMITS	1411+00.00	1478+00.00	2.0% (1.0%)
PROJECT LIMITS	1411+00.00	1478+00.00	2.0% (1.0%)
PROJECT LIMITS	1411+00.00	1478+00.00	2.0% (1.0%)
PROJECT LIMITS	1411+00.00	1478+00.00	2.0% (1.0%)

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
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IH 35E FRONTAGE ROADS
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ROADWAY TYPE	DESIGN SPEED
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END PROJECT
CS 048 (15) 1054+01.38
TPP POS.(T)
CSJ: 0048-04-090

BEGIN PROJECT
CS 048 (15) 1111+44.91
TPP POS.(T)
CSJ: 0048-04-090
BEGIN CSJ: 0048-04-090

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 6 OF 24

SHEET INDEX

REV. 01 0048-04-090 SHEET 1 OF 24 SCHEMATIC TITLE SHEET
REV. 01 0048-04-090 SHEET 2 OF 24 SCHEMATIC LEGEND
REV. 01 0048-04-090 SHEET 3 OF 24 SCHEMATIC TYPICAL SECTIONS
REV. 01 0048-04-090 SHEET 4 OF 24 SCHEMATIC TYPICAL SECTIONS
REV. 01 0048-04-090 SHEET 5 OF 24 SCHEMATIC TYPICAL SECTIONS
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REV. 01 0048-04-090 SHEET 21 OF 24 SCHEMATIC PLAN
REV. 01 0048-04-090 SHEET 22 OF 24 SCHEMATIC PLAN
REV. 01 0048-04-090 SHEET 23 OF 24 SCHEMATIC PLAN
REV. 01 0048-04-090 SHEET 24 OF 24 SCHEMATIC PLAN

ch2m

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THE ENGINEERING DATA CONTAINED HEREIN IS PRELIMINARY AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.
SHEET WORK: N/A SCALE: N/A DATE: 5/14/2018
DESIGN: N/A DRAWN: N/A CHECKED: N/A

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Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS	50 mph
DIRECT CONNECTORS	40 mph
FRONTAGE ROADS	40 mph
CROSS STREETS	30 mph

DALLAS CO.
JOHNSON CO.
KAUFMAN CO.
NAVARRO CO.
HILL CO.
N
SCALE 0 1 2 3 4 MILES

END PROJECT
IH 35E STA 1658+61.38
TRM 408.270
CSJ: 0048-04-090

BEGIN PROJECT
IH 35E STA 1077+44.91
TRM 398.328
END CSJ: 0048-08-049
BEGIN CSJ: 0048-04-090

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 7 OF 24

ROLL 7: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1478+00 TO STA 1545+00

SHEET INDEX
ROLL 1: PLAN VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1141+00
ROLL 2: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1141+00 TO STA 1210+00
ROLL 3: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1210+00 TO STA 1279+00
ROLL 4: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1279+00 TO STA 1344+00
ROLL 5: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1344+00 TO STA 1411+00
ROLL 6: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1411+00 TO STA 1478+00
ROLL 7: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1478+00 TO STA 1545+00
ROLL 8: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1545+00 TO STA 1645+00
ROLL 9: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1645+00 TO END PROJECT
ROLL 10: PLAN VIEW-AUXILIARY LANE STA 134+00 TO END PROJECT
ROLL 11: PROFILE VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1160+00
ROLL 12: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1160+00 TO STA 1254+00
ROLL 13: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1254+00 TO STA 1351+00
ROLL 14: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1351+00 TO STA 1460+00
ROLL 15: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1460+00 TO STA 1554+00
ROLL 16: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1554+00 TO STA 1637+00
PROFILE VIEW-IH 35E NB FRONTAGE ROAD STA 1554+00 TO END PROJECT
ROLL 17: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1637+00 TO END PROJECT
PROFILE VIEW-PH2 US 77 NORTH
PROFILE VIEW-IH 35E SBML AT US 77 SOUTH
ROLL 18: PROFILE VIEW-IH 35E MAIN LANES AT CROSS STREETS
ROLL 19: PROFILE VIEW-IH 35E MAIN LANES AT STERRETT RD
PROFILE VIEW-DC77SSFR
PROFILE VIEW-DC77SSML
ROLL 20: PROFILE VIEW-DC287SE-SOUTHBOUND I-35 TO EASTBOUND US 287 DIRECT CONNECTOR
PROFILE VIEW-DC287WN-WESTBOUND US 287 TO NORTHBOUND I-35 DIRECT CONNECTOR
ROLL 21: PROFILE VIEW-CROSS STREETS
ROLL 22: PROFILE VIEW-NORTHBOUND RAMPS
PROFILE VIEW-US 287 WB FRONTAGE ROAD
ROLL 23: PROFILE VIEW-NORTHBOUND RAMPS
PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-US 287 EB FRONTAGE ROAD
ROLL 24: PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-PH2 CROSS STREETS

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TBPE FIRM NO. F-2297

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NAME	P.E. NO.	DATE
ABENET BEKELE, P.E.	86055	5-14-2018

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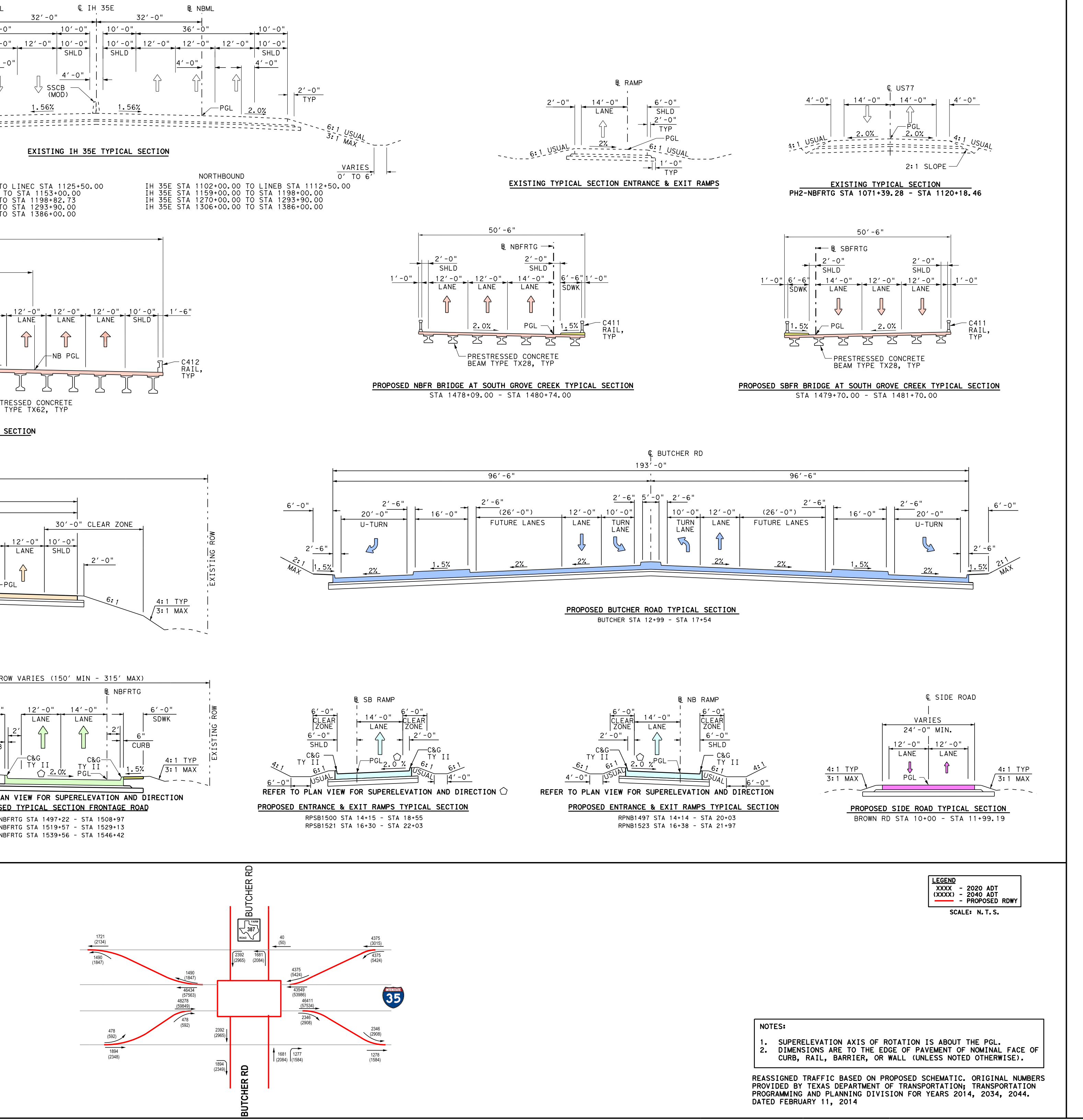
5/15/2018

LEGEND
- PHASE I PAVEMENT TO REMAIN
- PHASE I PAVEMENT TO BE REMOVED
- PHASE II MAINLANE
- PHASE II FRONTAGE ROAD
- PHASE II US 77
- PHASE II BRIDGE
- PHASE II RAMP
- PHASE II CROSS STREET
- PHASE II SIDE STREET
- PHASE II TRANSITION
- PHASE II SIDEWALK
- PHASE II DRIVEWAY
- PHASE II MILLING & RESURFACING
- DISPLACEMENT
- PHASE II RETAINING WALL
- EXISTING 100-YEAR FLOODPLAIN
- PROPOSED DENIAL-OF-ACCESS
- PROPOSED RIGHT-OF-WAY (R.O.W.)
- EXISTING RIGHT-OF-WAY (R.O.W.)
- DRAINAGE EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT



Texas Department of Transportation
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DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
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CONTROL: 0048-04-090
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LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 7 OF 24
ch2m
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Texas Department of Transportation

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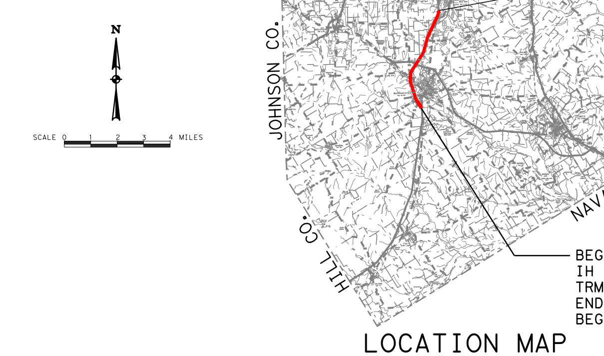

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 8 OF 24

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ROLL 1:	PLAN VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1141+00
ROLL 2:	PLAN VIEW-IH 35E FRONTAGE ROADS STA 1141+00 TO STA 1210+00
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	PROFILE VIEW-PH2 CROSS STREETS

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ABENET BEKELE, P.E.	86055	5-14-2018

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ROLL 8: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1545+00 TO STA 1645+00

LEGEND

- PHASE I PAVEMENT TO REMAIN
- PHASE I PAVEMENT TO BE REMOVED
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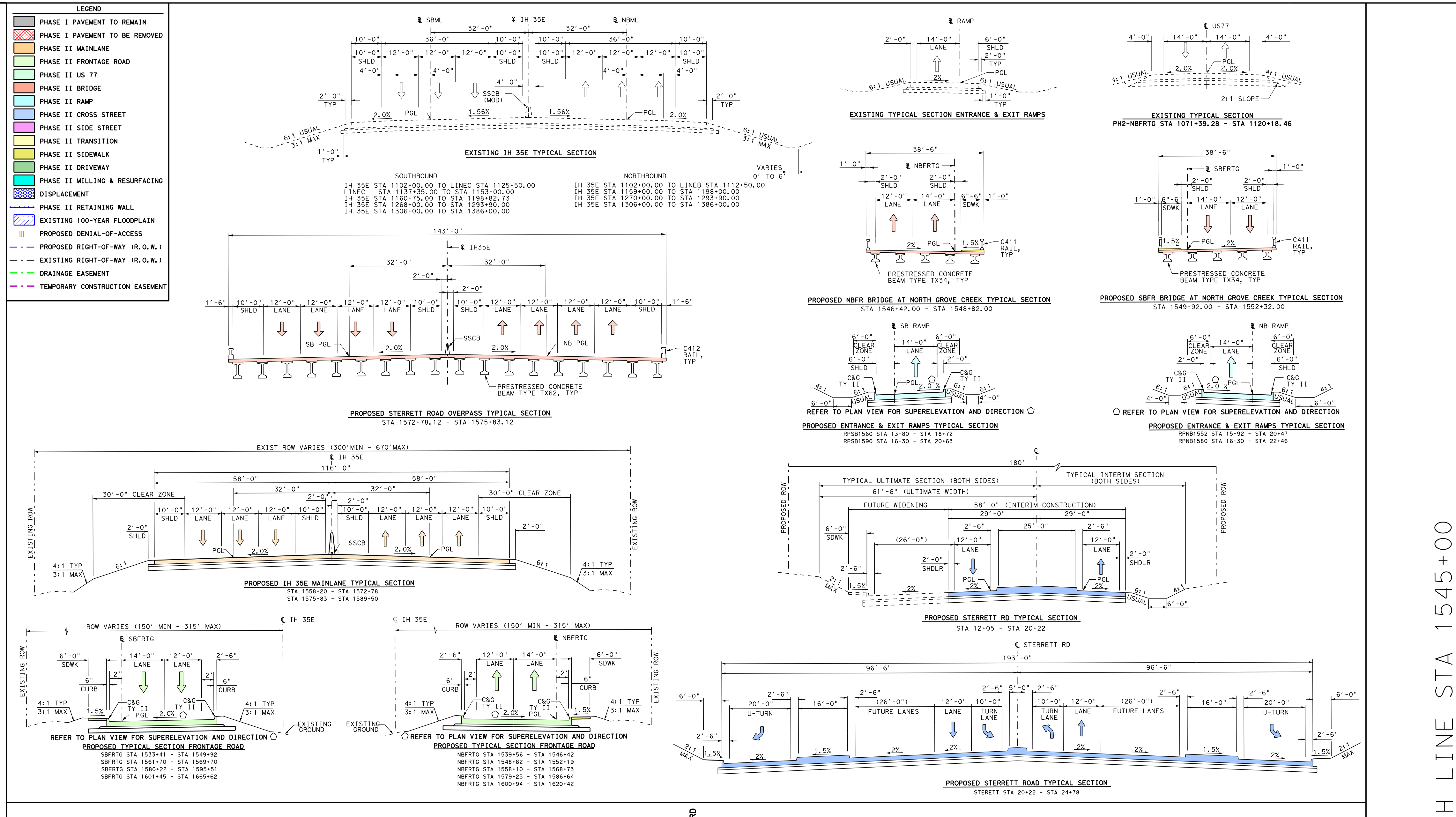

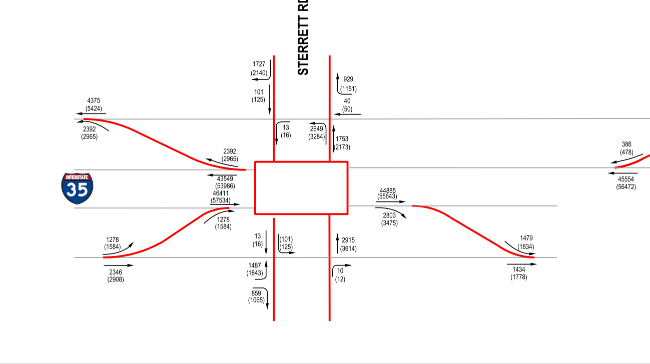

Texas Department of Transportation
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ROLL 8 OF 24
ch2m
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ROLL 9: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1645+00 TO END PROJECT

Texas Department of Transportation

DALLAS DISTRICT
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JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
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DALLAS CO. / JOHNSON CO. / KAUFMAN CO. / NAVARRO CO. / HILL CO.

END PROJECT
IH 35E STA 1658+61.38
TRM 408.270
CSJ: 0048-04-090

BEGIN PROJECT
IH 35E STA 1077+44.91
TRM 398.328
END CSJ: 0048-08-049
BEGIN CSJ: 0048-04-090

SCALE 0 1 2 3 4 MILES

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 9 OF 24

SHEET INDEX

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PROFILE VIEW-PH2 CROSS STREETS

ch2m
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LEGEND

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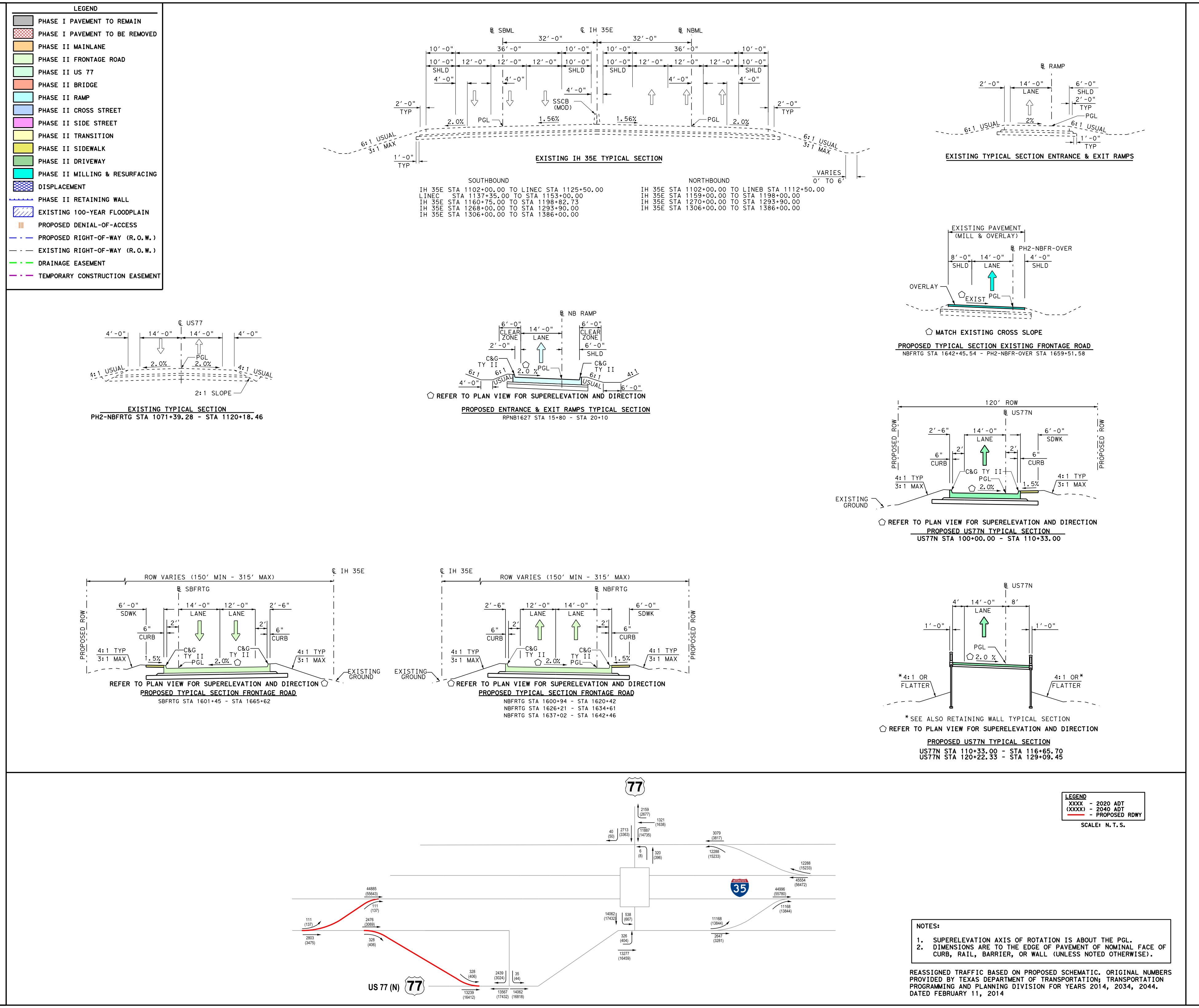

NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED JUNE 21, 2016 AND RECORD PLANS.
2. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP PANELS 48139C0190F AND 48139C0200F.
3. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC WERE OBTAINED FROM ELLIS COUNTY APPRAISAL DISTRICT (FEBRUARY 25, 2015).
4. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSE ONLY.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
6. CURBS ON THE FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
7. CONVENTIONAL ROADWAY SIGNAGES (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
8. 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.

PH2-CL_IH35E

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
PH2-CL_IH35E-8	1670+08.69	6,868,832.07	2,485,946.03	26° 29′ 06.72" LT	5,729.58′	1° 00′ 00.00"	1,348.36′	2,648.52′	N 12° 22′ 06.96" E	2,625.00′	1656+60.33	1683+08.85	N 25° 36′ 40.32" E	N 0° 52′ 26.39" W

PH2-SBFRTG

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
PH2-SBFRTG-28	1652+41.18	6,867,155.19	2,485,000.25	7° 30′ 55.00" LT	9,002.00′	0° 38′ 11.32"	591.23′	1,180.76′	N 21° 51′ 12.80" E	1,179.91′	1646+49.95	1658+30.71	N 25° 36′ 40.30" E	N 18° 05′ 45.30" E
PH2-SBFRTG-29	1663+38.02	6,868,199.39	2,485,341.46	2° 32′ 06.15" RT	8,998.00′	0° 38′ 12.34"	199.09′	398.11′	N 19° 21′ 48.37" E	398.08′	1661+38.93	1665+37.05	N 18° 05′ 45.30" E	N 20° 37′ 51.45" E

RPNBI627

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
RPNB1627-1	12+20.85	6,864,545.70	2,484,019.95	4° 24′ 53.18" LT	5,729.58′	1° 00′ 00.00"	220.85′	441.48′	N 23° 24′ 13.71" E	441.37′	10+00.00	14+41.48	N 25° 36′ 40.30" E	N 21° 11′ 47.13" E
RPNB1627-2	16+62.32	6,864,957.51	2,484,179.65	4° 24′ 53.18" RT	5,729.58′	1° 00′ 00.00"	220.85′	441.48′	N 23° 24′ 13.71" E	441.37′	14+41.48	18+82.95	N 21° 11′ 47.13" E	N 25° 36′ 40.30" E
RPNB1627-3	21+49.83	6,865,397.32	2,484,390.47	2° 57′ 46.88" LT	7,870.00′	0° 43′ 40.90"	203.54′	406.99′	N 24° 07′ 46.86" E	406.95′	19+46.29	23+53.28	N 25° 36′ 40.30" E	N 22° 38′ 53.42" E
RPNB1627-4	23+97.34	6,865,625.83	2,484,485.82	1° 48′ 11.31" RT	2,800.00′	2° 02′ 46.60"	44.06′	88.12′	N 23° 32′ 59.08" E	88.11′	23+53.28	24+41.40	N 22° 38′ 53.42" E	N 24° 27′ 04.74" E
RPNB1627-5	34+44.69	6,866,579.25	2,484,919.34	1° 09′ 35.57" RT	2,800.00′	2° 02′ 46.60"	28.34′	56.68′	N 25° 01′ 52.52" E	56.68′	34+16.35	34+73.03	N 24° 27′ 04.74" E	N 25° 36′ 40.30" E

PH2-US77N

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
PH2-US77N-1	103+50.43	6,865,937.51	2,484,700.43	32° 33′ 30.77" RT	1,200.00′	4° 46′ 28.73"	350.43′	681.90′	N 41° 53′ 25.69" E	672.77′	100+00.00	106+81.90	N 25° 36′ 40.30" E	N 58° 10′ 11.07" E
PH2-US77N-2	117+32.27	6,866,676.30	2,485,890.57	60° 33′ 44.81" LT	1,000.00′	5° 43′ 46.48"	583.91′	1,057.01′	N 27° 53′ 18.66" E	1,008.49′	111+48.35	122+05.37	N 58° 10′ 11.07" E	N 2° 23′ 33.74" W
PH2-US77N-3	127+07.07	6,867,760.97	2,485,845.25	4° 03′ 03.07" RT	2,841.00′	2° 01′ 00.29"	100.47′	200.86′	N 0° 22′ 02.21" W	200.82′	126+06.60	128+07.46	N 2° 23′ 33.74" W	N 1° 39′ 29.32" E
PH2-US77N-4	131+80.31	6,868,234.09	2,485,858.94	13° 24′ 59.46" RT	3,169.97′	1° 48′ 26.85"	372.85′	742.29′	N 8° 21′ 59.06" E	740.59′	128+07.46	135+49.74	N 1° 39′ 29.32" E	N 15° 04′ 28.79" E

SUPERELEVATION TRANSITION & CROSS-SLOPE TABLE			
ALIGNMENT	STATION TO STATION	RATE	X-SLOPE
US77N	110+33.00 to 111+98.00	0.58%	2.00% to -4.80%
US77N	121+56.00 to 123+21.00	0.58%	-4.80% to 2.00%

Texas Department of Transportation
DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)
LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 9 OF 24
ch2m
TBPE FIRM NO. F-2297
PRELIMINARY FOR INTERIM REVIEW ONLY
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ROLL 10: PLAN VIEW-AUXILIARY LANE STA 134+00 TO END PROJECT

Texas Department of Transportation

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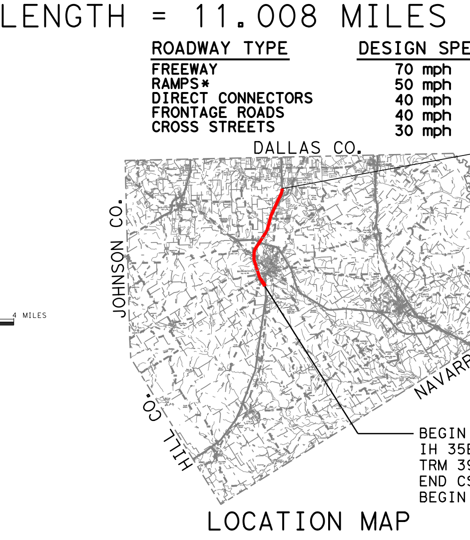
ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 mph
RAMPS*	50 mph
DIRECT CONNECTORS	40 mph
FRONTAGE ROADS	40 mph
CROSS STREETS	30 mph

* 30 mph FOR US287EBFR AND US287WBFR



END PROJECT
IH 35E STA 1658+61.38
TRM 408.270
CSJ: 0048-04-090

BEGIN PROJECT
IH 35E STA 1077+44.91
TRM 398.328
END CSJ: 0048-08-049
BEGIN CSJ: 0048-04-090

LOCATION MAP
MAY 2018
SCALE: 1"=100'
ROLL 10 OF 24

SHEET INDEX

ROLL 1: PLAN VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1141+00
ROLL 2: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1141+00 TO STA 1210+00
ROLL 3: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1210+00 TO STA 1279+00
ROLL 4: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1279+00 TO STA 1344+00
ROLL 5: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1344+00 TO STA 1411+00
ROLL 6: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1411+00 TO STA 1478+00
ROLL 7: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1478+00 TO STA 1545+00
ROLL 8: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1545+00 TO STA 1645+00
ROLL 9: PLAN VIEW-IH 35E FRONTAGE ROADS STA 1645+00 TO END PROJECT
ROLL 10: PLAN VIEW-AUXILIARY LANE STA 134+00 TO END PROJECT
ROLL 11: PROFILE VIEW-IH 35E FRONTAGE ROADS BEGIN PROJECT TO STA 1160+00
ROLL 12: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1160+00 TO STA 1254+00
ROLL 13: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1254+00 TO STA 1351+00
ROLL 14: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1351+00 TO STA 1460+00
ROLL 15: PROFILE VIEW-IH 35E FRONTAGE ROADS STA 1460+00 TO STA 1554+00
ROLL 16: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1554+00 TO STA 1637+00
PROFILE VIEW-IH 35E NB FRONTAGE ROAD STA 1554+00 TO END PROJECT
ROLL 17: PROFILE VIEW-IH 35E SB FRONTAGE ROAD STA 1637+00 TO END PROJECT
PROFILE VIEW-PH2 US 77 NORTH
PROFILE VIEW-IH 35E SBML AT US 77 SOUTH
ROLL 18: PROFILE VIEW-IH 35E MAIN LANES AT CROSS STREETS
ROLL 19: PROFILE VIEW-IH 35E MAIN LANES AT STERRETT RD
PROFILE VIEW-DC77SSFR
PROFILE VIEW-DC77SSML
ROLL 20: PROFILE VIEW-DC287SE-SOUTHBOUND I-35 TO EASTBOUND US 287 DIRECT CONNECTOR
PROFILE VIEW-DC287WN-WESTBOUND US 287 TO NORTHBOUND I-35 DIRECT CONNECTOR
ROLL 21: PROFILE VIEW-CROSS STREETS
ROLL 22: PROFILE VIEW-NORTHBOUND RAMPS
PROFILE VIEW-US 287 WB FRONTAGE ROAD
ROLL 23: PROFILE VIEW-NORTHBOUND RAMPS
PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-US 287 EB FRONTAGE ROAD
ROLL 24: PROFILE VIEW-SOUTHBOUND RAMPS
PROFILE VIEW-PH2 CROSS STREETS

ch2m
TBPE FIRM NO. F-2297

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NAME	P.E. NO.	DATE
ABENET BEKELE, P.E.	86055	5-14-2018

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5/15/2018
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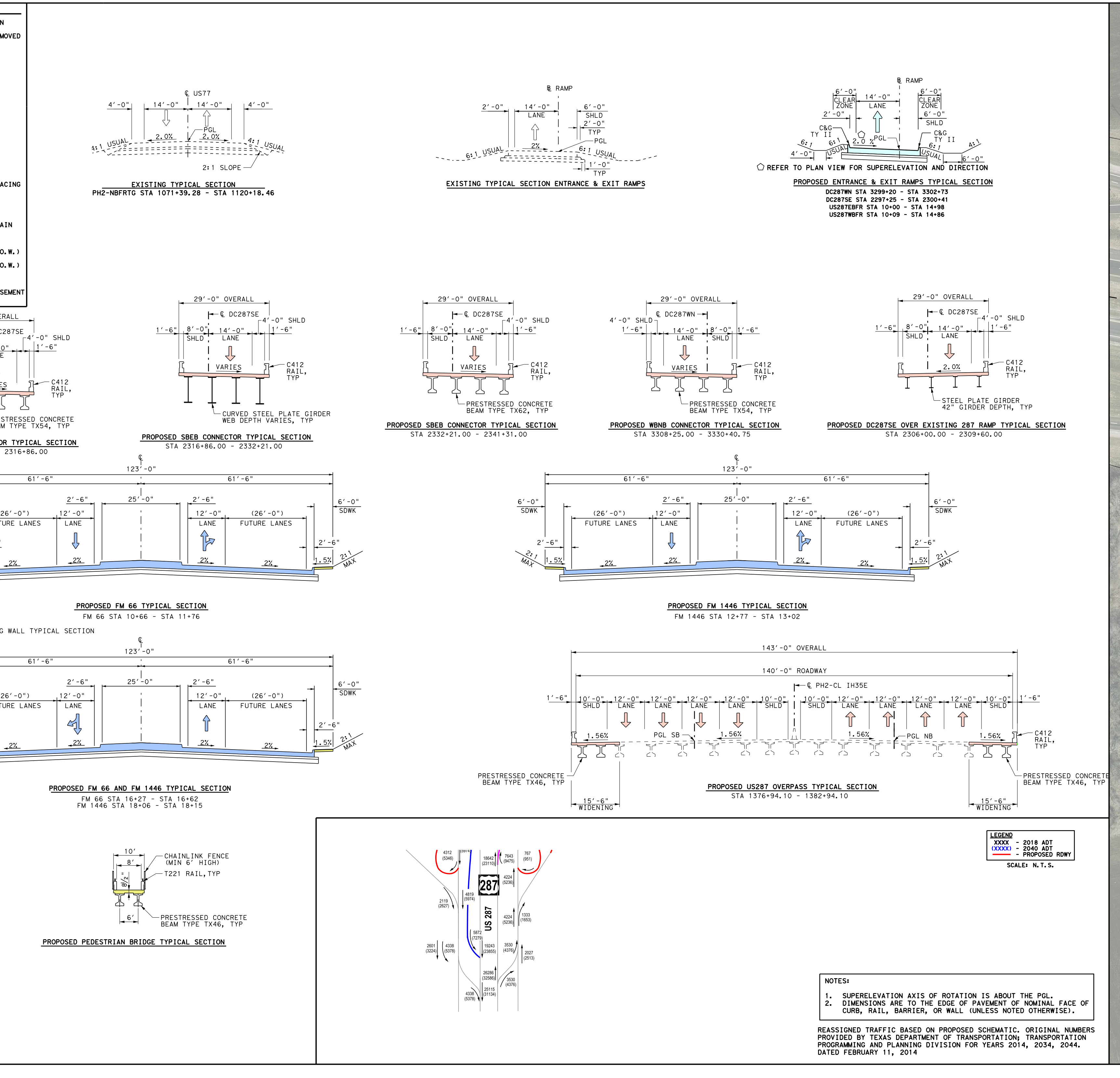
LEGEND

- PHASE I PAVEMENT TO REMAIN
- PHASE I PAVEMENT TO BE REMOVED
- PHASE II MAINLANE
- PHASE II FRONTAGE ROAD
- PHASE II US 77
- PHASE II BRIDGE
- PHASE II RAMP
- PHASE II CROSS STREET
- PHASE II SIDE STREET
- PHASE II TRANSITION
- PHASE II SIDEWALK
- PHASE II DRIVEWAY
- PHASE II MILLING & RESURFACING
- DISPLACEMENT
- PHASE II RETAINING WALL
- EXISTING 100-YEAR FLOODPLAIN
- PROPOSED DENIAL-OF-ACCESS
- PROPOSED RIGHT-OF-WAY (R.O.W.)
- EXISTING RIGHT-OF-WAY (R.O.W.)
- DRAINAGE EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT



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