TEXAS DEPARTMENT OF TRANSPORTATION®
DALLAS DISTRICT
JAMES K. SELMAN, P.E., DISTRICT ENGINEER

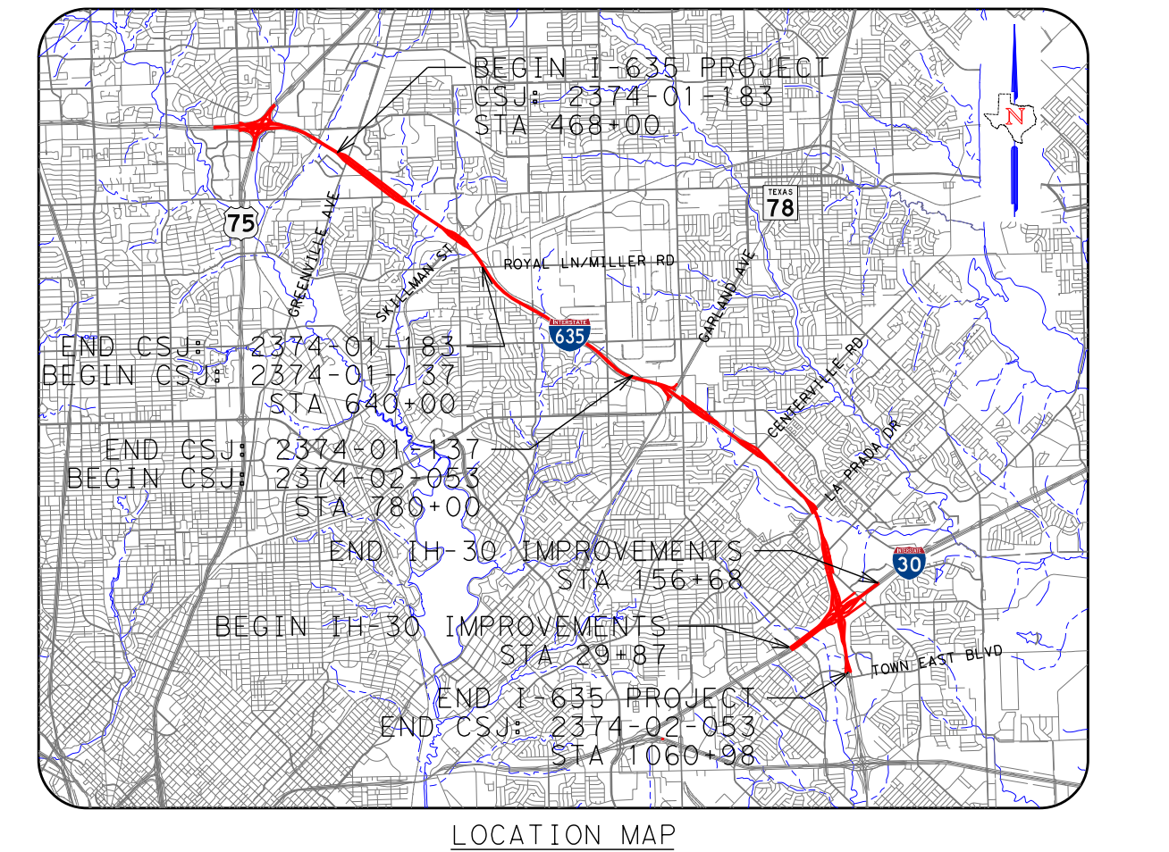
DESIGN SCHEMATIC
IH 635 LBJ EAST PROJECT - ULTIMATE DESIGN
FROM EAST OF US 75 TO SOUTH OF IH 30
DALLAS COUNTY, TEXAS

CSJs: 2374-01-183, 2374-01-137, 2374-02-053

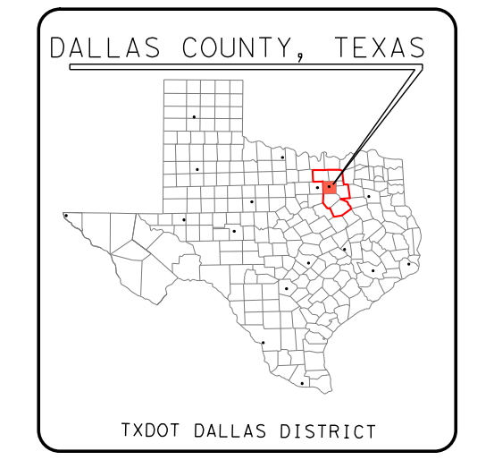
APRIL 2016
ROLL 2 OF 23

	IH 635	IH 30
LIMITS:	E. OF US 75 TO S. OF IH 30	W. OF GUS THOMASSON RD TO E. OF GALLOWAY AVE
LENGTH:	11.2 MILES	2.4 MILES
FUNCTIONAL CLASS:	URBAN FREEWAY	URBAN FREEWAY
AVERAGE DAILY TRAFFIC:	250,100 (2016) 340,700 (2036)	
SCHEMATIC ROLLS:	ROLLS 1 - 8*	ROLLS 9 - 10*
DESIGN SPEED		
MAIN LANES:	60 MPH	
MANAGED LANES:	60 MPH	
DIRECT CONNECTORS:	40 MPH	
RAMPS:	40 MPH	
FRONTAGE RD LOOP RAMPS/CONNECTORS:	25 MPH	
FRONTAGE ROADS:	40 MPH	
BYPASS ROADS:	40 MPH	
LOCAL STREETS:	40 MPH	
TURNAROUNDS:	20 MPH	

* FRONTAGE ROAD, CROSS STREET, DIRECT CONNECTOR, AND RAMP PROFILES FOUND ON ROLLS 11 THROUGH 23.


BEGIN I-635 PROJECT
CSJ: 2374-01-183
STA 468+00
END CSJ: 2374-01-183
BEGIN CSJ: 2374-01-137
STA 640+00
END CSJ: 2374-01-137
BEGIN CSJ: 2374-02-053
STA 780+00
END IH-30 IMPROVEMENTS
STA 156+68
BEGIN IH-30 IMPROVEMENTS
STA 29+87
END I-635 PROJECT
END CSJ: 2374-02-053
STA 1060+98
75
78
635
30
ROYAL LN/MILLER RD
GREENVILLE AVE
SKILLMAN ST
TOWN EAST BLVD
N

LOCATION MAP
N.T.S.


DALLAS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

0 10 20 30 40
VERTICAL SCALE:

0 100 200 300 400
HORIZONTAL SCALE:

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

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CHAD R. GARDINER	93793	04-19-2016
MARIA F. GUERRA	121650	04-19-2016

HALFF ASSOCIATES, INC.
TBPE FIRM #F-312

60% DRAFT
Preliminary, Subject to Change

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081-2275
TEL (214) 346-6200
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LEGEND:

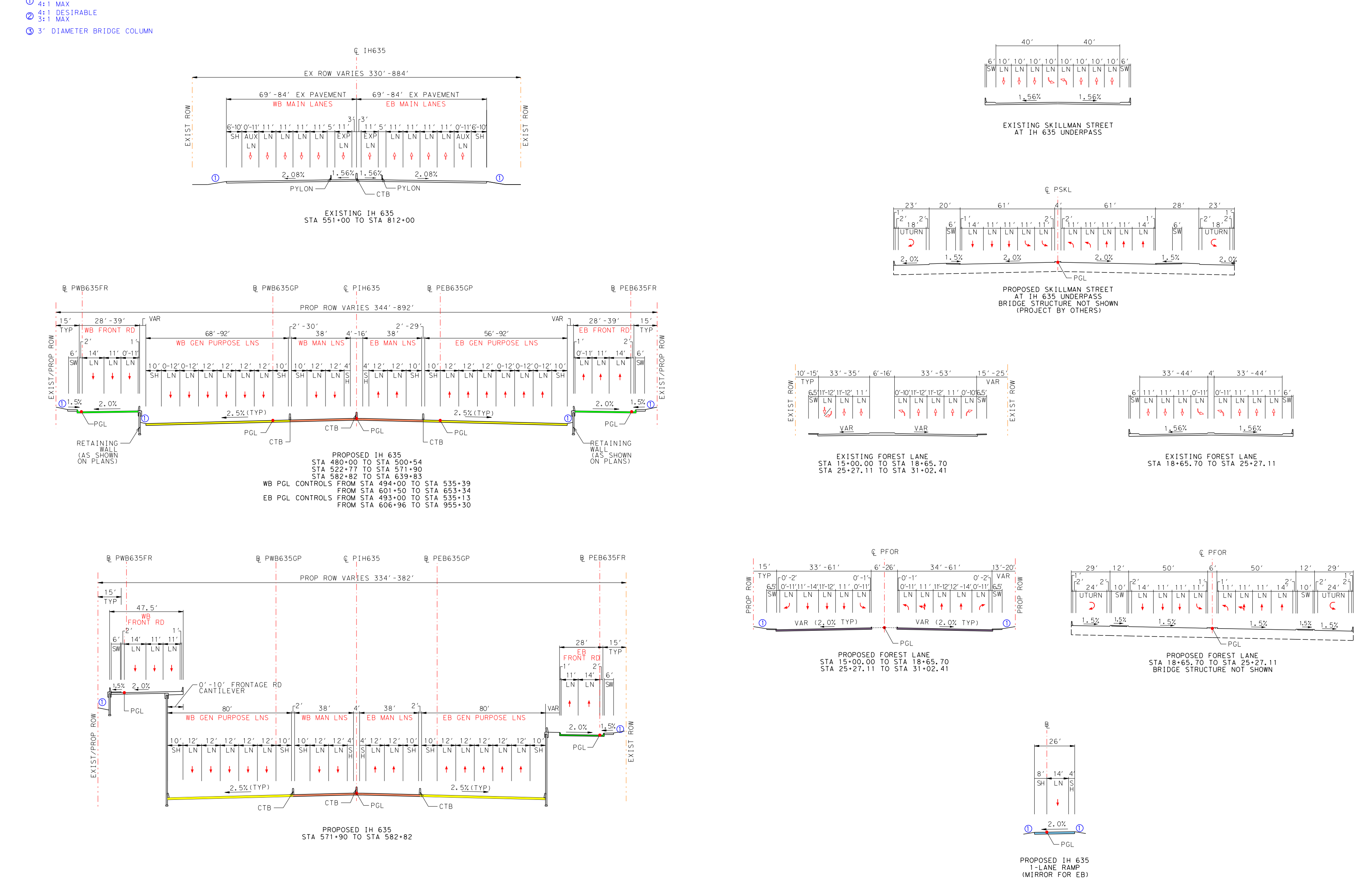
▬	EXISTING ROW
┼	EXISTING ACCESS DENIAL
- - -	EXISTING EASEMENT
▬	EXISTING PROPERTY LIMITS
▬	EXISTING STORM SEWER
▬	EXISTING 100 YR FLOODPLAIN LIMITS
▬	EXISTING PLANIMETRIC FEATURES
▬	EXISTING TOPOGRAPHIC CONTOURS (5-FT INTERVALS)
▬	PROPOSED CENTERLINE/BASELINE
▬	PROPOSED ROW
▬	PROPOSED ROW (BY OTHERS)
▬	PROPOSED DRAINAGE EASEMENT
▬	TEMPORARY CONSTRUCTION EASEMENT
┼	PROPOSED ACCESS DENIAL
▬	PROPOSED EDGE OF PAVEMENT
▬	PROPOSED TRAFFIC BARRIER
▬	PROPOSED BRIDGE ABUTMENT
- - -	PROPOSED BRIDGE BENT
▬	PROPOSED RETAINING WALL
▬	PROPOSED PRELIMINARY NOISE WALL
▬	PROPOSED CULVERT
⇨	DIRECTION OF TRAVEL
▬	EXISTING ROADWAY TO REMAIN
▬	EXISTING BRIDGE TO REMAIN
▬	PROPOSED BRIDGE
🟨	PROPOSED MAIN LANES
🟧	PROPOSED MANAGED LANES
▬	PROPOSED RAMP
🟩	PROPOSED FRONTAGE ROAD
🟪	PROPOSED CROSS STREET
▬	PROPOSED SIDEWALK
🟧	POTENTIAL DISPLACEMENTS
▨	PAVEMENT / BRIDGE TO BE REMOVED
100	PARCEL ID

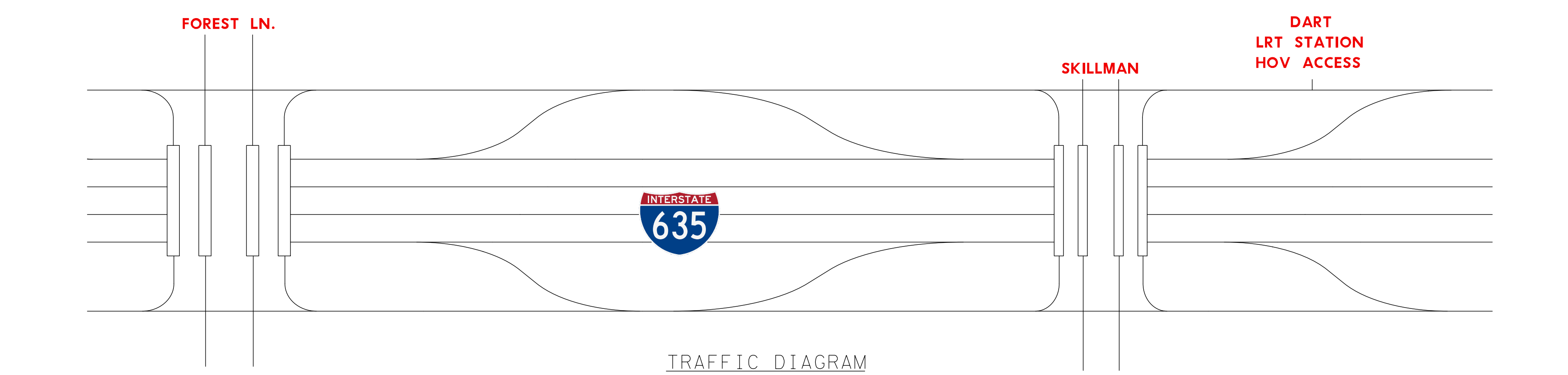
GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED JANUARY 21, 2013 AND RECORD PLANS.
2. TRAFFIC VOLUMES APPROVED BY TP&P ON XXXXXXXX XX, 2014.
3. SIDEWALK LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PS&E DEVELOPMENT.
4. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PS&E DESIGN.
5. ACCESS DENIAL LIMITS ARE DETERMINED BY PROVIDING SAFETY TO THE TRAVELING PUBLIC, MAINTAINING LEVEL OF SERVICE ON THE FRONTAGE ROADS, AND MAINTAINING SAFE ACCESS TO ADJACENT PROPERTY OWNERS. ACCESS DENIAL LIMITS MAY BE ADJUSTED BY PROVIDING TRAFFIC IMPACT ANALYSIS (TIA) BY THE ADJACENT PROPERTY OWNERS AND AVOIDING LANDLOCK ISSUES AS LONG AS THE SAFETY TO THE TRAVELING PUBLIC IS NOT COMPROMISED.
6. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
7. SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
8. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
9. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
10. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48113C0345J AND 48113C0485J (2001).
11. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
12. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS COUNTY APPRAISAL DISTRICT (FEBRUARY 2014).

TYPICAL SECTIONS

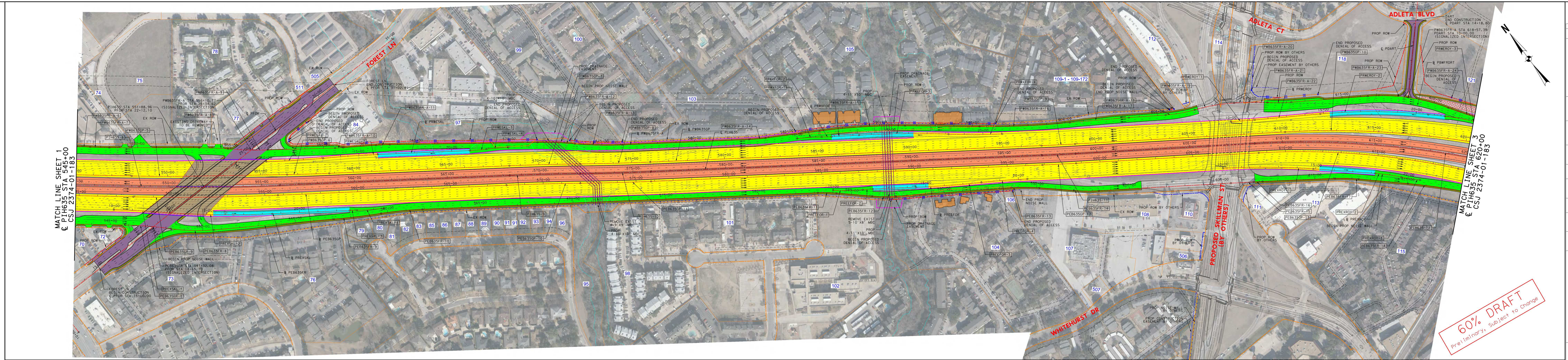
NOTES:
① 6:1 DESIRABLE
4:1 MAX
② 4:1 DESIRABLE
3:1 MAX
③ 3' DIAMETER BRIDGE COLUMN

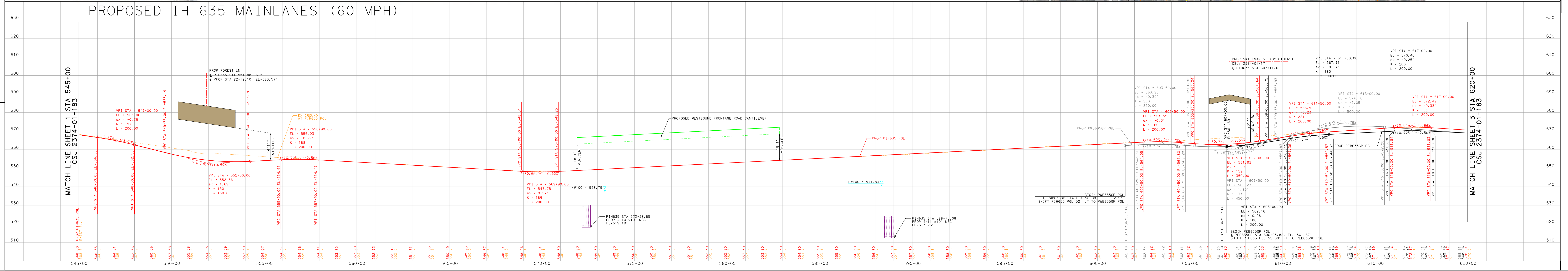

℄ IH635
EX ROW VARIES 330'-884'
69'-84' EX PAVEMENT
WB MAIN LANES
69'-84' EX PAVEMENT
EB MAIN LANES
EXIST ROW
SH AUX LN LN LN LN EXP LN
PYLON
CTB
2.08%
1.56%
EXISTING IH 635
STA 551+00 TO STA 812+00
℄ PWB635FR
℄ PWB635GP
℄ PIH635
℄ PEB635GP
℄ PEB635FR
PROP ROW VARIES 344'-892'
WB FRONT RD
WB GEN PURPOSE LNS
WB MAN LNS
EB MAN LNS
EB GEN PURPOSE LNS
EB FRONT RD
EXIST/PROP ROW
2.5% (TYP)
PGL
RETAINING WALL (AS SHOWN ON PLANS)
PROPOSED IH 635
STA 480+00 TO STA 500+54
STA 522+77 TO STA 571+90
STA 582+82 TO STA 639+83
WB PGL CONTROLS FROM STA 494+00 TO STA 535+39
FROM STA 601+50 TO STA 653+34
EB PGL CONTROLS FROM STA 493+00 TO STA 535+13
FROM STA 606+96 TO STA 955+30
PROP ROW VARIES 334'-382'
0'-10' FRONTAGE RD CANTILEVER
PROPOSED IH 635
STA 571+90 TO STA 582+82
EXISTING SKILLMAN STREET
AT IH 635 UNDERPASS
℄ PSKL
PROPOSED SKILLMAN STREET
AT IH 635 UNDERPASS
BRIDGE STRUCTURE NOT SHOWN
(PROJECT BY OTHERS)
EXISTING FOREST LANE
STA 15+00.00 TO STA 18+65.70
STA 25+27.11 TO STA 31+02.41
EXISTING FOREST LANE
STA 18+65.70 TO STA 25+27.11
℄ PFOR
PROPOSED FOREST LANE
STA 15+00.00 TO STA 18+65.70
STA 25+27.11 TO STA 31+02.41
PROPOSED FOREST LANE
STA 18+65.70 TO STA 25+27.11
BRIDGE STRUCTURE NOT SHOWN
PROPOSED IH 635
1-LANE RAMP
(MIRROR FOR EB)


FOREST LN.
SKILLMAN
DART
LRT STATION
HOV ACCESS
INTERSTATE
635

TRAFFIC DIAGRAM

NOTE: TRAFFIC PROJECTIONS ARE CURRENTLY UNDER DEVELOPMENT & WILL BE PROVIDED WITH 90% SUBMITTAL


MATCH LINE SHEET 1
℄ PIH635 STA 545+00
CSJ 2374-01-183
MATCH LINE SHEET 3
℄ PIH635 STA 620+00
CSJ 2374-01-183
FOREST LN
ADLETA CT
ADLETA BLVD
PROPOSED SKILLMAN ST (BY OTHERS)
WHITEHURST DR
DART END CONSTRUCTION
PIH635 STA 551+88.96
PFOR STA 22+12.10
(SIGNALIZED INTERSECTION)
PWB635FR-A STA 556+10.77
PFOR STA 25+34.62
(SIGNALIZED INTERSECTION)
PEB635FR STA 547+32.08
PFOR STA 18+65.70
(SIGNALIZED INTERSECTION)
FOREST LN
BEGIN CONSTRUCTION
℄ PFOR STA 15+00.00
FOREST LN
END CONSTRUCTION
℄ PFOR STA 31+02.41
EXISTING DRIVEWAY TO BE REMOVED
BEGIN PROP NOISE WALL
END PROP NOISE WALL
BEGIN PROPOSED DENIAL OF ACCESS
END PROPOSED DENIAL OF ACCESS
PROP DRAINAGE EASEMENT
REMOVE EXIST 4-9'X9' MBC
PROP 4-10'X10' MBC
REMOVE EXIST 5-10'X8' MBC
PROP 4-11'X10' MBC
PROP ROW BY OTHERS
PROP EASEMENT BY OTHERS
PROP NOISE WALL BY OTHERS
PROP CONSTRUCTION EASEMENT BY OTHERS
EX ROW
PROP ROW
N
60% DRAFT
Preliminary, Subject to Change



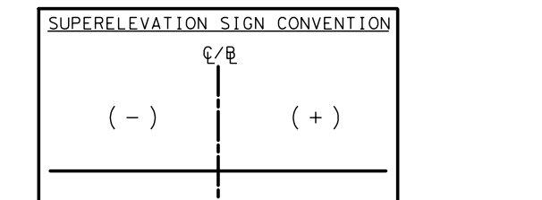
HORIZONTAL ALIGNMENT DATA

ROLL 2											
BASELINE	CURVE	P.I. STA	DELTA	RADIUS (FT)	TANGENT LENGTH (FT)	CURVE LENGTH (FT)	CHORD BEARING	CHORD LENGTH (FT)	P.C. STA	P.T. STA	BACK TANGENT	AHEAD TANGENT
PEB635FR (40 MPH)	PEB635FR-7	547+04.47	7° 03′ 29.29" (RT)	2000.00	123.34	246.38	S 48° 35′ 17.50" E	246.22	545+81.13	548+27.50	S 52° 07′ 02.14" E	S 45° 03′ 32.86" E
	PEB635FR-8	549+44.20	13° 18′ 46.85" (LT)	1000.00	116.70	232.36	S 51° 42′ 56.28" E	231.83	548+27.50	550+59.86	S 45° 03′ 32.86" E	S 58° 22′ 19.71" E
	PEB635FR-9	558+36.30	3° 40′ 38.21" (LT)	4000.00	128.41	256.72	S 60° 12′ 38.82" E	256.68	557+07.89	559+64.61	S 58° 22′ 19.71" E	S 62° 02′ 57.92" E
	PEB635FR-10	560+76.69	6° 24′ 54.04" (RT)	2000.00	112.08	223.93	S 58° 50′ 30.90" E	223.81	559+64.61	561+88.54	S 62° 02′ 57.92" E	S 55° 38′ 03.88" E
	PEB635FR-11	583+69.16	7° 13′ 31.31" (RT)	800.00	50.51	100.89	S 52° 01′ 18.23" E	100.82	583+18.65	584+19.53	S 55° 38′ 03.88" E	S 48° 24′ 32.57" E
	PEB635FR-12	586+75.67	9° 00′ 08.97" (LT)	800.00	62.98	125.70	S 52° 54′ 37.06" E	125.57	586+12.70	587+38.39	S 48° 24′ 32.57" E	S 57° 24′ 41.54" E
	PEB635FR-13	594+39.48	8° 35′ 32.54" (RT)	1000.00	75.12	149.97	S 53° 06′ 55.27" E	149.82	593+64.36	595+14.32	S 57° 24′ 41.54" E	S 48° 49′ 09.00" E
	PEB635FR-14	597+68.67	7° 40′ 43.21" (LT)	1000.00	67.11	134.02	S 52° 39′ 30.60" E	133.92	597+01.56	598+35.58	S 48° 49′ 09.00" E	S 56° 29′ 52.20" E
	PEB635FR-15	606+08.91	2° 20′ 17.87" (LT)	3000.00	61.22	122.43	S 56° 19′ 15.68" E	122.42	605+47.68	606+70.12	S 55° 09′ 06.74" E	S 57° 29′ 24.61" E
	PEB635FR-16	606+94.35	1° 51′ 04.92" (RT)	1500.00	24.24	48.47	S 56° 33′ 52.15" E	48.47	606+70.12	607+18.59	S 57° 29′ 24.61" E	S 55° 38′ 19.69" E
	PEB635FR-17	611+72.12	7° 40′ 58.23" (RT)	950.00	63.79	127.39	S 51° 47′ 50.58" E	127.29	611+08.33	612+35.72	S 55° 38′ 19.69" E	S 47° 57′ 21.46" E
	PEB635FR-18	619+66.59	16° 29′ 26.71" (RT)	3200.00	463.71	921.02	S 39° 42′ 38.11" E	917.84	615+02.88	624+23.89	S 47° 57′ 21.46" E	S 31° 27′ 54.75" E
PEB635GP (60 MPH)	PEB635GP-9	551+81.38	3° 41′ 59.65" (LT)	12054.00	389.33	778.39	S 53° 52′ 33.54" E	778.26	547+92.04	555+70.44	S 52° 01′ 33.72" E	S 55° 43′ 33.37" E
	PEB635GP-10	570+01.80	1° 54′ 12.42" (RT)	11948.00	198.48	396.93	S 54° 46′ 27.16" E	396.91	568+03.31	572+00.24	S 55° 43′ 33.37" E	S 53° 49′ 20.95" E
	PEB635GP-11	573+90.83	1° 48′ 42.94" (LT)	12052.00	190.58	381.13	S 54° 43′ 42.41" E	381.12	572+00.24	575+81.38	S 53° 49′ 20.95" E	S 55° 38′ 03.88" E
	PEB635GP-12	597+80.94	0° 51′ 48.32" (LT)	12052.00	90.81	181.62	S 56° 03′ 58.04" E	181.62	596+90.13	598+71.74	S 55° 38′ 03.88" E	S 56° 29′ 52.20" E
	PEB635GP-13	614+00.21	15° 40′ 54.99" (RT)	3950.00	543.96	1,081.12	S 48° 39′ 24.70" E	1077.75	608+56.25	619+37.37	S 56° 29′ 52.20" E	S 40° 48′ 57.21" E
PIH635 (60 MPH)	PIH635-8	552+19.75	3° 36′ 30.16" (LT)	12000.00	377.99	755.74	S 53° 49′ 48.80" E	755.61	548+41.76	555+97.49	S 52° 01′ 33.72" E	S 55° 38′ 03.88" E
	PIH635-9	570+26.69	1° 48′ 42.94" (RT)	12000.00	189.76	379.49	S 54° 43′ 42.41" E	379.47	568+36.93	572+16.42	S 55° 38′ 03.88" E	S 53° 49′ 20.95" E
	PIH635-10	574+06.18	1° 48′ 42.94" (LT)	12000.00	189.76	379.49	S 54° 43′ 42.41" E	379.47	572+16.42	575+95.91	S 53° 49′ 20.95" E	S 55° 38′ 03.88" E
	PIH635-11	597+95.08	0° 51′ 48.32" (LT)	12000.00	90.42	180.83	S 56° 03′ 58.04" E	180.83	597+04.66	598+85.49	S 55° 38′ 03.88" E	S 56° 29′ 52.20" E
	PIH635-12	619+91.50	26° 26′ 50.98" (RT)	4850.00	1139.68	2,238.74	S 43° 16′ 26.71" E	2218.92	608+51.82	630+90.56	S 56° 29′ 52.20" E	S 30° 03′ 01.21" E
PREEFOR (40 MPH)	PREEFOR-1	10+80.12	8° 43′ 38.13" (LT)	1050.00	80.12	159.9353	S 54° 09′ 35.65" E	159.78	10+00.00	11+59.94	S 49° 47′ 46.59" E	S 58° 31′ 24.72" E
	PREEFOR-2	11+87.16	2° 58′ 13.25" (RT)	1050.00	27.22	54.4345	S 57° 02′ 18.09" E	54.43	11+59.94	12+14.37	S 58° 31′ 24.72" E	S 55° 33′ 11.47" E
	PREEFOR-3	16+23.82	3° 49′ 00.90" (LT)	5300.00	176.60	353.0742	S 57° 27′ 41.92" E	353.01	14+47.22	18+00.29	S 55° 33′ 11.47" E	S 59° 22′ 12.37" E
	PREEFOR-4	19+24.21	3° 44′ 08.49" (RT)	3800.00	123.92	247.7604	S 57° 30′ 08.13" E	247.72	18+00.29	20+48.05	S 59° 22′ 12.37" E	S 55° 38′ 03.88" E
PREXROY (40 MPH)	PREXROY-1	12+44.00	7° 20′ 51.90" (RT)	3800.00	244.00	487.32	S 52° 49′ 26.25" E	486.99	10+00.00	14+87.32	S 56° 29′ 52.20" E	S 49° 09′ 00.30" E
	PREXROY-2	18+92.10	7° 49′ 10.35" (RT)	1050.00	71.76	143.30	S 45° 14′ 25.12" E	143.19	18+20.33	19+63.63	S 49° 09′ 00.30" E	S 41° 19′ 49.94" E
	PREXROY-3	20+14.24	5° 31′ 05.55" (LT)	1050.00	50.60	101.13	S 44° 05′ 22.72" E	101.09	19+63.63	20+64.76	S 41° 19′ 49.94" E	S 46° 50′ 55.49" E
PREXSKL (40 MPH)	PREXSKL-1	11+06.75	3° 13′ 06.22" (RT)	3800.00	106.75	213.45	S 50° 25′ 00.61" E	213.42	10+00.00	12+13.45	S 52° 01′ 33.72" E	S 48° 48′ 27.50" E
	PREXSKL-2	15+33.82	6° 55′ 05.86" (LT)	5300.00	320.37	639.96	S 52° 16′ 00.44" E	639.57	12+13.45	18+53.41	S 48° 48′ 27.50" E	S 55° 43′ 33.37" E
	PREXSKL-3	22+90.64	2° 09′ 37.39" (RT)	1050.00	19.80	39.59	S 54° 38′ 44.67" E	39.59	22+70.84	23+10.43	S 55° 43′ 33.37" E	S 53° 33′ 55.98" E
	PREXSKL-4	23+83.29	7° 56′ 18.30" (LT)	1050.00	72.86	145.48	S 57° 32′ 05.13" E	145.36	23+10.43	24+55.91	S 53° 33′ 55.98" E	S 61° 30′ 14.28" E
PRWEROY (40 MPH)	PRWEROY-1	10+64.26	1° 56′ 15.88" (LT)	3800.00	64.26	128.52	S 57° 28′ 00.14" E	128.51	10+00.00	11+28.52	S 56° 29′ 52.20" E	S 58° 26′ 08.08" E
	PRWEROY-2	17+74.85	11° 06′ 37.91" (RT)	3000.00	291.79	581.75	S 52° 52′ 49.13" E	580.83	14+83.06	20+64.81	S 58° 26′ 08.08" E	S 47° 19′ 30.17" E
	PRWEROY-3	22+46.48	9° 55′ 08.52" (RT)	1050.00	91.12	181.78	S 42° 21′ 55.91" E	181.55	21+55.36	23+37.14	S 47° 19′ 30.17" E	S 37° 24′ 21.65" E
PRWESKL (40 MPH)	PRWESKL-1	11+53.75	4° 38′ 02.27" (LT)	3800.00	153.75	307.34	S 56° 30′ 10.62" E	307.25	10+00.00	13+07.34	S 54° 11′ 09.49" E	S 58° 49′ 11.76" E
	PRWESKL-2	14+54.71	3° 11′ 07.87" (RT)	5300.00	147.37	294.67	S 57° 13′ 37.82" E	294.63	13+07.34	16+02.00	S 58° 49′ 11.76" E	S 55° 38′ 03.88" E
	PRWESKL-3	21+42.01	4° 54′ 48.62" (LT)	1050.00	45.05	90.04	S 58° 05′ 28.19" E	90.02	20+96.96	21+87.01	S 55° 38′ 03.88" E	S 60° 32′ 52.50" E
	PRWESKL-4	22+46.38	6° 28′ 21.46" (RT)	1050.00	59.37	118.62	S 57° 18′ 41.78" E	118.55	21+87.01	23+05.63	S 60° 32′ 52.50" E	S 54° 04′ 31.05" E
PRWXFOR (40 MPH)	PRWXFOR-1	10+65.81	7° 10′ 23.01" (RT)	1050.00	65.81	131.45	S 57° 08′ 19.26" E	131.37	10+00.00	11+31.45	S 60° 43′ 30.76" E	S 53° 33′ 07.76" E
	PRWXFOR-2	11+58.26	2° 55′ 30.56" (LT)	1050.00	26.81	53.61	S 55° 00′ 53.04" E	53.60	11+31.45	11+85.06	S 53° 33′ 07.76" E	S 56° 28′ 38.32" E
	PRWXFOR-3	15+74.58	5° 12′ 12.19" (RT)	5300.00	240.83	481.33	S 53° 52′ 32.23" E	481.16	13+33.75	18+15.08	S 56° 28′ 38.32" E	S 51° 16′ 26.13" E
	PRWXFOR-4	19+59.75	4° 21′ 37.75" (LT)	3800.00	144.67	289.20	S 53° 27′ 15.01" E	289.13	18+15.08	21+04.28	S 51° 16′ 26.13" E	S 55° 38′ 03.88" E
PWB635FR-A (40 MPH)	PWB635FR-A-6	547+06.73	1° 57′ 00.24" (RT)	2150.00	36.59	73.18	S 51° 08′ 32.02" E	73.17	546+70.14	547+43.32	S 52° 07′ 02.14" E	S 50° 10′ 01.90" E
	PWB635FR-A-7	547+95.35	2° 58′ 50.22" (LT)	2000.00	52.03	104.04	S 51° 39′ 27.01" E	104.03	547+43.32	548+47.36	S 50° 10′ 01.90" E	S 53° 08′ 52.12" E
	PWB635FR-A-8	554+08.35	4° 26′ 42.83" (RT)	2000.00	77.62	155.17	S 50° 55′ 30.71" E	155.13	553+30.73	554+85.89	S 53° 08′ 52.12" E	S 48° 42′ 09.29" E
	PWB635FR-A-9	555+92.88	6° 07′ 26.60" (LT)	2000.00	106.99	213.77	S 51° 45′ 52.59" E	213.67	554+85.89	556+99.66	S 48° 42′ 09.29" E	S 54° 49′ 35.89" E
	PWB635FR-A-10	560+85.29	2° 30′ 49.65" (LT)	1014.00	22.25	44.49	S 56° 05′ 00.72" E	44.48	560+63.04	561+07.53	S 54° 49′ 35.89" E	S 57° 20′ 25.54" E
	PWB635FR-A-11	563+20.92	3° 15′ 54.50" (RT)	1300.00	37.05	74.08	S 55° 42′ 28.30" E	74.07	562+83.87	563+57.95	S 57° 20′ 25.54" E	S 54° 04′ 31.05" E
	PWB635FR-A-12	572+54.28	5° 45′ 54.67" (RT)	2000.00	100.71	201.24	S 51° 11′ 33.71" E	201.16	571+53.58	573+54.82	S 54° 04′ 31.05" E	S 48° 18′ 36.38" E
	PWB635FR-A-13	574+82.83	7° 19′ 27.50" (LT)	2000.00	128.01	255.67	S 51° 58′ 20.13" E	255.49	573+54.82	576+10.49	S 48° 18′ 36.38" E	S 55° 38′ 03.88" E
	PWB635FR-A-14	583+37.77	5° 05′ 26.88" (LT)	1000.00	44.45	88.85	S 58° 10′ 47.32" E	88.82	582+93.31	583+82.17	S 55° 38′ 03.88" E	S 60° 43′ 30.76" E
	PWB635FR-A-15	589+06.90	8° 04′ 05.18" (RT)	3280.00	231.32	461.87	S 56° 41′ 28.18" E	461.49	586+75.58	591+37.45	S 60° 43′ 30.76" E	S 52° 39′ 25.59" E
	PWB635FR-A-16	597+81.95	6° 11′ 58.06" (LT)	4500.00	243.69	486.90	S 55° 45′ 24.62" E	486.67	595+38.26	600+25.17	S 52° 39′ 25.59" E	S 58° 51′ 23.65" E
	PWB635FR-A-17	601+84.95	1° 33′ 38.82" (RT)	11730.00	159.78	319.53	S 58° 04′ 34.24" E	319.52	600+25.17	603+44.70	S 58° 51′ 23.65" E	S 57° 17′ 44.83" E
	PWB635FR-A-18	606+23.05	12° 00′ 02.04" (LT)	762.00	80.09	159.60	S 63° 17′ 45.85" E	159.31	605+42.96	607+02.56	S 57° 17′ 44.83" E	S 69° 17′ 46.87" E
	PWB635FR-A-19	608+10.68	12° 20′ 30.10" (RT)	1000.00	108.12	215.40	S 63° 07′ 31.81" E	214.99	607+02.56	609+17.96	S 69° 17′ 46.87" E	S 56° 57′ 16.76" E
	PWB635FR-A-20	609+77.98	3° 26′ 15.89" (RT)	2000.00	60.02	120.00	S 55° 14′ 08.82" E	119.98	609+17.96	610+37.96	S 56° 57′ 16.76" E	S 53° 31′ 00.87" E
	PWB635FR-A-21	610+66.93	3° 19′ 04.61" (RT)	1000.00	28.96	57.91	S 51° 51′ 28.57" E	57.90	610+37.96	610+95.87	S 53° 31′ 00.87" E	S 50° 11′ 56.26" E
	PWB635FR-A-22	611+60.84	7° 26′ 01.34" (LT)	1000.00	64.96	129.74	S 53° 54′ 56.93" E	129.65	610+95.87	612+25.62	S 50° 11′ 56.26" E	S 57° 37′ 57.60" E
	PWB635FR-A-23	618+63.40	25° 16′ 39.97" (RT)	1000.00	224.24	441.18	S 44° 59′ 37.61" E	437.61	616+39.16	620+80.34	S 57° 37′ 57.60" E	S 32° 21′ 17.62" E
	PWB635FR-A-24	622+11.21	7° 29′ 16.84" (LT)	2000.00	130.88	261.38	S 36° 05′ 56.05" E	261.19	620+80.34	623+41.72	S 32° 21′ 17.62" E	S 39° 50′ 34.47" E
PWB635GP (60 MPH)	PWB635GP-5	549+75.60	2° 09′ 35.77" (LT)	8952.00	168.76	337.47	S 53° 06′ 21.60" E	337.45	548+06.85	551+44.32	S 52° 01′ 33.72" E	S 54° 11′ 09.49" E
	PWB635GP-6	557+57.36	1° 26′ 54.40" (LT)	9000.00	113.77	227.52	S 54° 54′ 36.69" E	227.51	556+43.59	558+71.11	S 54° 11′ 09.49" E	S 55° 38′ 03.88" E
	PWB635GP-7	570+31.99	1° 48′ 42.94" (RT)	12052.00	190.58	381.13	S 54° 43′ 42.41" E	381.12	568+41.41	572+22.54	S 55° 38′ 03.88" E	S 53° 49′ 20.95" E
	PWB635GP-8	574+11.48	1° 48′ 42.94" (LT)	11948.00	188.94	377.84	S 54° 43′ 42.41" E	377.83	572+22.54	576+00.39	S 53° 49′ 20.95" E	S 55° 38′ 03.88" E
	PWB635GP-9	597+99.16	0° 51′ 48.32" (LT)	11948.00	90.03	180.05	S 56° 03′ 58.04" E	180.05	597+09.14	598+89.19	S 55° 38′ 03.88" E	S 56° 29′ 52.20" E
	PWB635GP-10	620+95.34	26° 32′ 27.46" (RT)	4550.00	1073.10	2,107.68	S 43° 13′ 38.47" E	2088.89	610+22.24	631+29.93	S 56° 29′ 52.20" E	S 29° 57′ 24.74" E

SUPERELEVATION

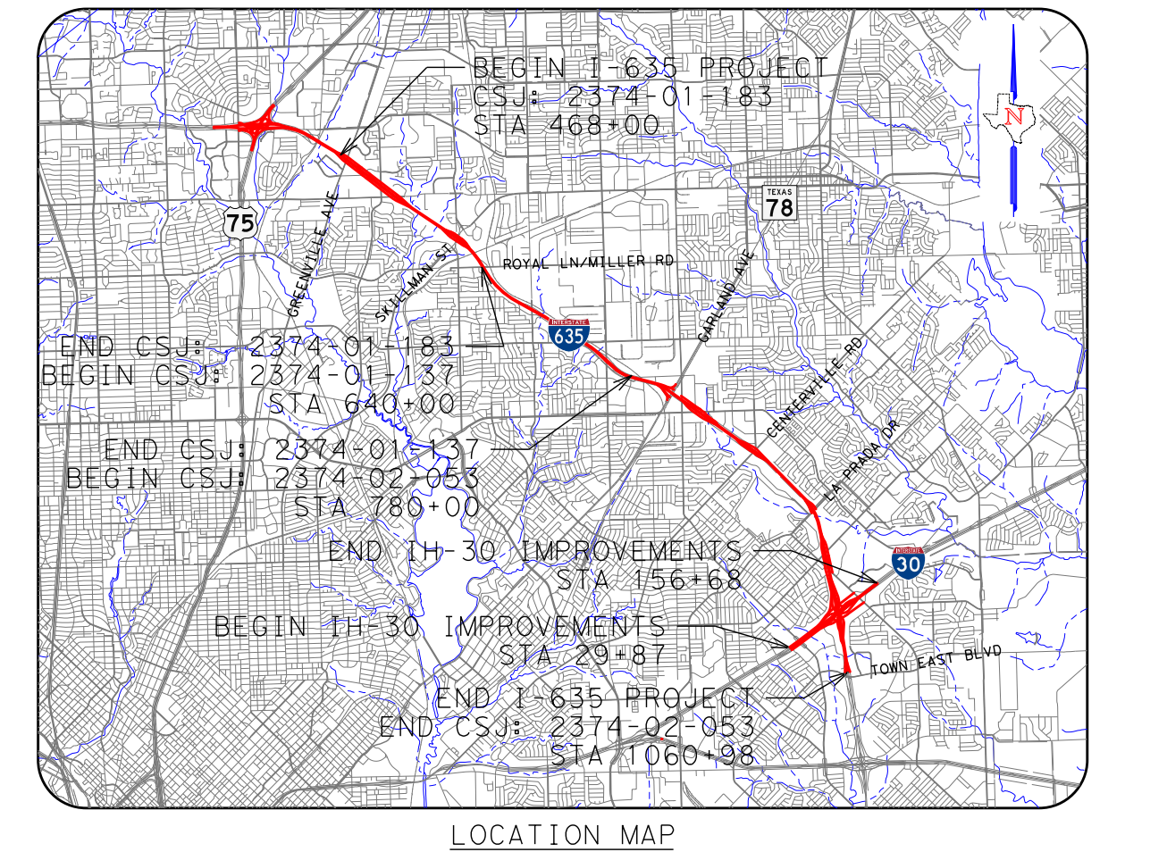
BASELINE	BEGIN TRANSITION		END TRANSITION	
	STA	e	STA	e
PEB635GP (60 MPH)	606+96.00	-2.50%	608+85.00	-3.60%
	619+16.00	-3.60%	620+63.00	-2.50%
PWB635GP (60 MPH)	601+50.00	2.50%	611+76.00	-3.30%
PIH635 (EB) (60 MPH)	608+19.00	-2.50%	608+59.00	-3.10%
PIH635 (WB) (60 MPH)	605+53.00	2.50%	609+27.00	-3.10%
PREXSKL (40 MPH)	15+37.00	-2.50%	15+50.00	-2.00%
PRWESKL (40 MPH)	16+02.00	-2.00%	16+15.00	2.00%
PREEFOR (40 MPH)	15+01.00	-2.00%	15+14.00	-2.50%
PRWXFOR (40 MPH)	16+12.00	2.00%	16+25.00	2.50%
PREXROY (40 MPH)	15+22.00	-3.60%	15+61.00	-2.00%
PRWEROY (40 MPH)	15+36.00	-3.30%	15+56.00	-2.50%
	20+27.00	-3.30%	21+55.00	2.00%

SUPERELEVATION SIGN CONVENTION



PROPERTY OWNERS

ID #	SITE ADDRESS	OWNER	OCCUPANT
70	9441 FOREST LN	RDF 186 FOREST DALLAS TX	LOAN STORE
72	9465 LBJ FWY	HARRIS CREDIT TRUST	KENTUCKY FRIED CHICKEN/WING WORKS
73	9448 FOREST LN	DFS VILLAS AT CASTLE HILL	VILLAS ON FOREST SPRINGS
74	9467 LBJ FWY	CRS FOREST LANE LLC	VACANT
75	9400 LBJ FWY	CRS FOREST LANE LLC	VACANT
76	9475 FOREST SPRINGS DR	DFS VILLAS AT CASTLE HILL	VILLAS ON FOREST SPRINGS
77	9501 LBJ FWY	7 ELEVEN INC	7-11/WENDYS/CAR WASH
78	9519 FOREST LN	BIGELOW ARIZONA TX 348 LP	BUDGET SUITES
79	9459 ARBORHILL DR	BUITINK NICKOLAS &	SINGLE FAMILY RESIDENTIAL
80	9507 ARBORHILL DR	ROBINSON RUTH E	SINGLE FAMILY RESIDENTIAL
81	9515 ARBORHILL DR	CERRATO CARLOS D &	SINGLE FAMILY RESIDENTIAL
82	9521 ARBORHILL DR	GOMEZ LORENA R	SINGLE FAMILY RESIDENTIAL
83	9527 ARBORHILL DR	HUNT JEFFREY ALAN &	SINGLE FAMILY RESIDENTIAL
84	9500 FOREST LN	QTDQV LLC	QUICK TRIP
85	9535 ARBORHILL DR	FURNACE EVANGELA &	SINGLE FAMILY RESIDENTIAL
86	9607 ARBORHILL DR	SCHNEIDER RACHAEL KA	SINGLE FAMILY RESIDENTIAL
87	9615 ARBORHILL DR	KAM DAVID J & LESSA J	SINGLE FAMILY RESIDENTIAL
88	9621 ARBORHILL DR	PEARSON TOBEY L	SINGLE FAMILY RESIDENTIAL
89	9627 ARBORHILL DR	DAY REX L	SINGLE FAMILY RESIDENTIAL
90	9635 ARBORHILL DR	MASSEY PAUL R	SINGLE FAMILY RESIDENTIAL
91	9643 ARBORHILL DR	RESOURCE ONE CREDIT UNION	SINGLE FAMILY RESIDENTIAL
92	9651 ARBORHILL DR	LY PHUONG N & KINH T LY	SINGLE FAMILY RESIDENTIAL
93	9659 ARBORHILL DR	WILLIAMSON LAURA JOHNS & BRADLEY KENT	SINGLE FAMILY RESIDENTIAL
94	9667 ARBORHILL DR	WENDT FRED A & SARAH J	SINGLE FAMILY RESIDENTIAL
95	9400 ARBOR PARK DR	DALLAS CITY OF	PARK
96	9675 ARBORHILL DR	KOSKA CHASE	SINGLE FAMILY RESIDENTIAL
97	9550 FOREST LN	9550 FOREST LANE LLC	FOREST PARK GARDENS
98	9702 FERRIS BRANCH BLVD	HOUSING AUTHORITY OF CITY	HIDDEN RIDGE APTS
99	9590 FOREST LN	WRH SNUG HARBOR LTD	SNUG HARBOR APARTMENTS
100	9600 FOREST LN	9600 FOREST LANE HOLDINGS	FOREST COVE
101	9701 FERRIS BRANCH BLVD	WEST FERRIS BRANCH LLC	THE LEX APARTMENTS
102	9676 FERRIS BRANCH BLVD	RICHARDSON ISD	THURGOOD MARSHALL ELEMENTARY
103	9600 LBJ FWY	9600 FOREST LANE HOLDINGS	FOREST COVE
104	9941 WHITEHURST DR	COMMONS AT CLIFF CREEK LTD THE	COMMONS ON WHITEHURST
105	9821 SUMMERWOOD CIR	RS HUNTING RIDGE APRTMENTS LLC &	SUMMERWOOD COVE
106	9700 LBJ FWY	REYNOLDS GEORGE T III ETA	VACANT LAND
107	10051 WHITEHURST DR	ARIAN SYLVIA SEPARATE PROPERTY TRUST	APPLICATION SUPPORT
108	10061 WHITEHURST DR	ARIAN SYLVIA SEPRATE PROPERTY TRUST	SKILLMAN CROSSING SC
109-1 - 109-172	11311 AUDELIA RD	MULTIPLE TENANTS	SPRINGTREE CROSSING APARTMENTS
110	9009 SKILLMAN ST	COMMERCIAL NET LEASE	DENNY S RESTAURANT
111	11000 AUDELIA RD	PS TEXAS HOLDINGS LTD	PARKING
112	9147 SKILLMAN ST	SYDY INVESTMENTS LP	FEDEX KINKOS/BEAUTY SUPPLY
113	11020 AUDELIA RD	PS TEXAS HOLDINGS LTD	PUBLIC STORAGE BUSINESS PARK BLDG A
114	9131 SKILLMAN ST	TEXAS STATE OF	VACANT
115	10928 ADLETA CT	PC AZUL LLC	THE AZUL
118	9810 ADLETA BLVD	DALLAS AREA RAPID TRANSIT	DART
121	9804 ADLETA BLVD	DALLAS AREA RAPID TRANSIT	DART
505	9555 FOREST LN	SECURITY PORTFOLIO V LP	SECURITY SELF STORAGE
506	8939 SKILLMAN ST	TACO BUENO RESTAURANTS LP	TACO BUENO
507	10041 WHITEHURST DR	RADIO SYSTEMS INC	C STORE
511	9535 FOREST LN	9535 FOREST LANE LLC	WATERVIEW OFFICE CENTER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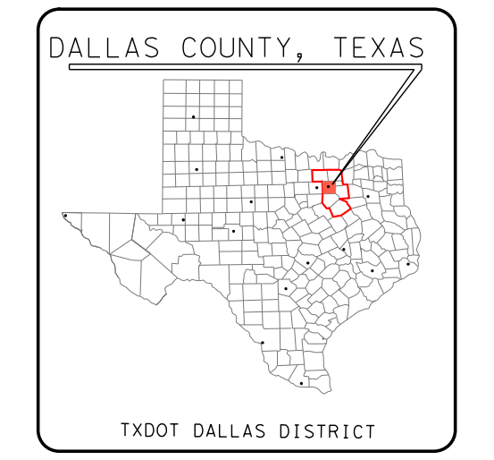
CSJ: 2374-01-183
STA 468+00
END CSJ: 2374-01-183
BEGIN CSJ: 2374-01-137
STA 640+00
END CSJ: 2374-01-137
BEGIN CSJ: 2374-02-053
STA 780+00
END IH-30 IMPROVEMENTS
STA 156+68
BEGIN IH-30 IMPROVEMENTS
STA 29+87
END I-635 PROJECT
END CSJ: 2374-02-053
STA 1060+98


DALLAS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS DEPARTMENT OF TRANSPORTATION®
DALLAS DISTRICT
JAMES K. SELMAN, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
IH 635 LBJ EAST PROJECT - ULTIMATE DESIGN
FROM EAST OF US 75 TO SOUTH OF IH 30
DALLAS COUNTY, TEXAS
CSJs: 2374-01-183, 2374-01-137, 2374-02-053

APRIL 2016
ROLL 2 OF 23

IH 635 / IH 30
LIMITS: E. OF US 75 TO S. OF IH 30 / W. OF GUS THOMASSON RD TO E. OF GALLOWAY AVE
LENGTH: 11.2 MILES / 2.4 MILES
FUNCTIONAL CLASS: URBAN FREEWAY / URBAN FREEWAY
AVERAGE DAILY TRAFFIC: 250,100 (2016) 340,700 (2036)
SCHEMATIC ROLLS: ROLLS 1 - 8* / ROLLS 9 - 10*
DESIGN SPEED
MAIN LANES: 60 MPH
MANAGED LANES: 60 MPH
DIRECT CONNECTORS: 40 MPH
RAMPS: 40 MPH
FRONTAGE RD LOOP RAMPS/CONNECTORS: 25 MPH
FRONTAGE ROADS: 40 MPH
BYPASS ROADS: 40 MPH
LOCAL STREETS: 40 MPH
TURNAROUNDS: 20 MPH
* FRONTAGE ROAD, CROSS STREET, DIRECT CONNECTOR, AND RAMP PROFILES FOUND ON ROLLS 11 THROUGH 23.

LOCATION MAP
N.T.S.
TEXAS COUNTY MAP
N.T.S.
0 10 20 30 40
VERTICAL SCALE:
0 100 200 300 400
HORIZONTAL SCALE:

PRELIMINARY
FOR INTERIM REVIEW ONLY
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