TEXAS DEPARTMENT OF TRANSPORTATION®

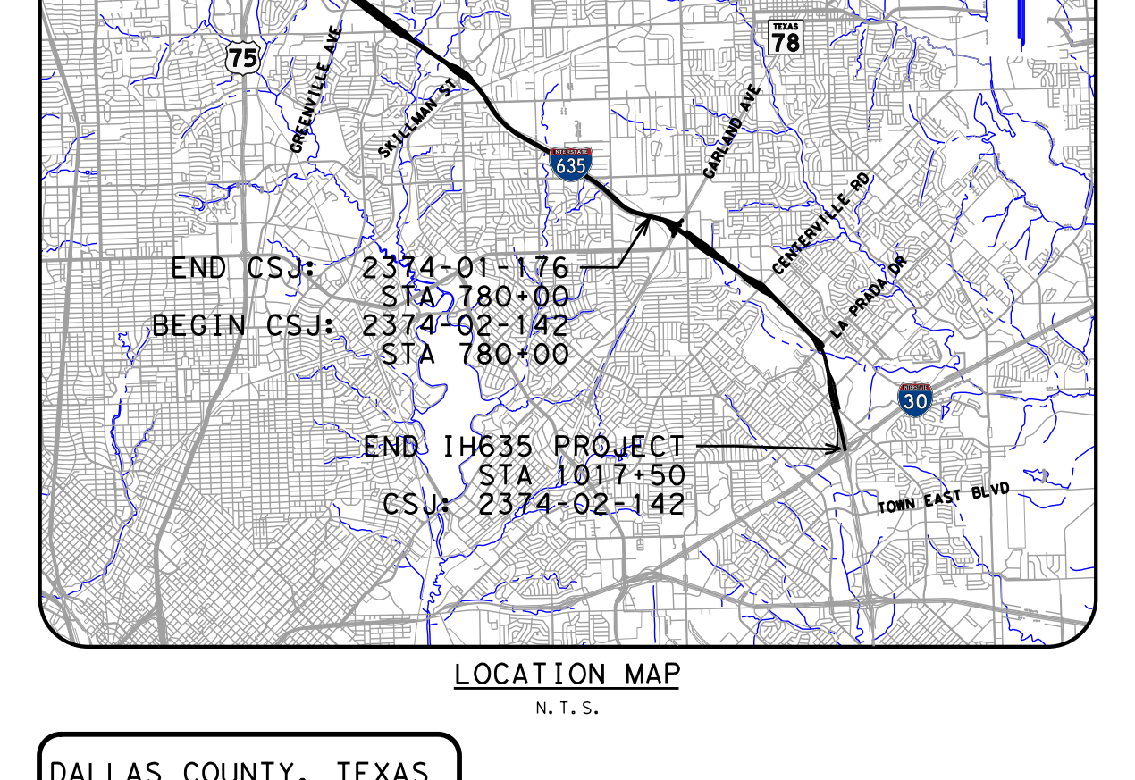
DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
IH-635 LBJ EAST PROJECT
EXPRESS LANE DESIGN
FROM EAST OF US 75 TO NORTH OF IH-30

DALLAS COUNTY, TEXAS
CSJs: 2374-01-176, 2374-02-142

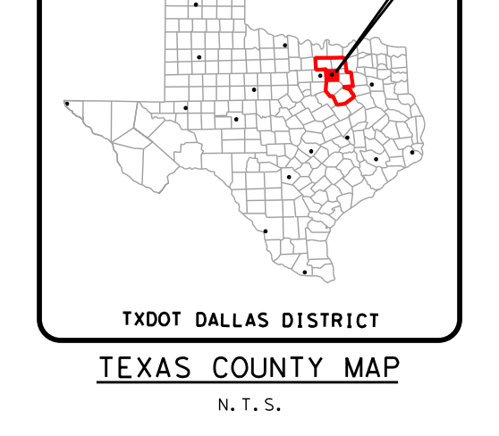
SEPTEMBER 09, 2014
ROLL 1 OF 6

LIMITS:	IH-635: E. OF US-75 TO IH-30
LENGTH:	9.7 MILES
FUNCTIONAL CLASS:	URBAN INTERSTATE
AVERAGE DAILY TRAFFIC:	230,000 (2016) 315,200 (2036)
SCHEMATIC ROLLS:	ROLLS 1-6
	DESIGN SPEED
MAIN LANES:	60 MPH
EXPRESS LANES:	60 MPH
RAMPS:	45 MPH



BEGIN IH635 PROJECT
STA 507+00
CSJ: 2374-01-176
END CSJ: 2374-01-176
STA 780+00
BEGIN CSJ: 2374-02-142
STA 780+00
END IH635 PROJECT
STA 1017+50
CSJ: 2374-02-142
75
78
635
30
GREENVILLE AVE
SKILLMAN ST
GARLAND AVE
CENTERVILLE RD
LA PRADA DR
TOWN EAST BLVD

LOCATION MAP
N.T.S.



DALLAS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
FOR INTERIM REVIEW ONLY

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MARK W. VAN ANDEL — 108166 — 09-09-2014
NAME — P.E. NO. — DATE

0 100 200 300 400
HORIZONTAL SCALE:

0 10 20 30 40
VERTICAL SCALE:

JACOBS®
1999 BRYAN STREET, SUITE 1200
DALLAS, TX 75201-3136
Phone 214.638.0145
Firm Registration F-2966

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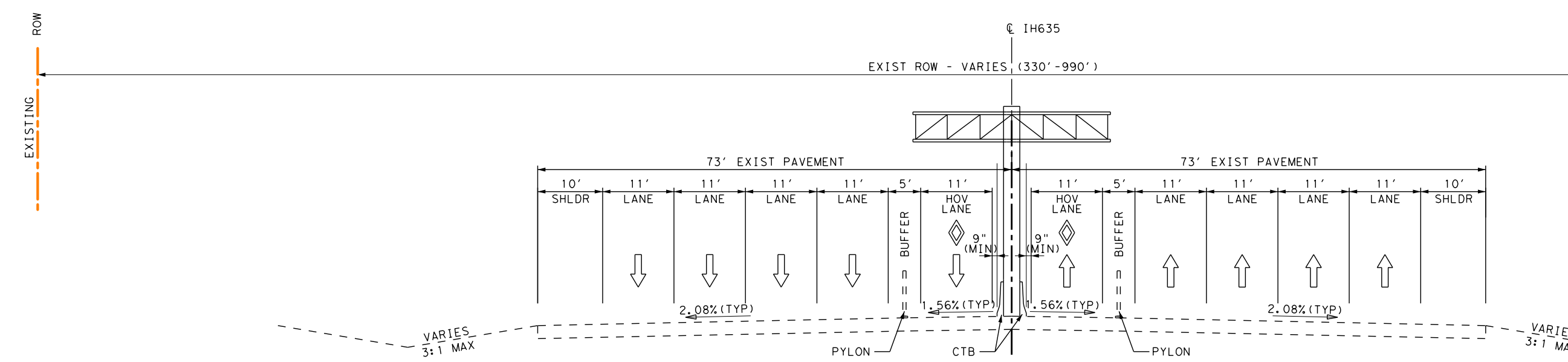
LEGEND:

- ▬ ▬ EXISTING ROW
- ═ ═ EXISTING CROSS DRAINAGE
- ── EXISTING 100 YR FLOODPLAIN LIMITS
- ── PROPOSED EDGE OF PAVEMENT
- ── PROPOSED CONCRETE TRAFFIC BARRIER
- ── PROPOSED NOISE WALL
- ➡ DIRECTION OF TRAVEL
- ⇨ DIRECTION OF FLOW
- 20 PROPERTY ID NUMBER

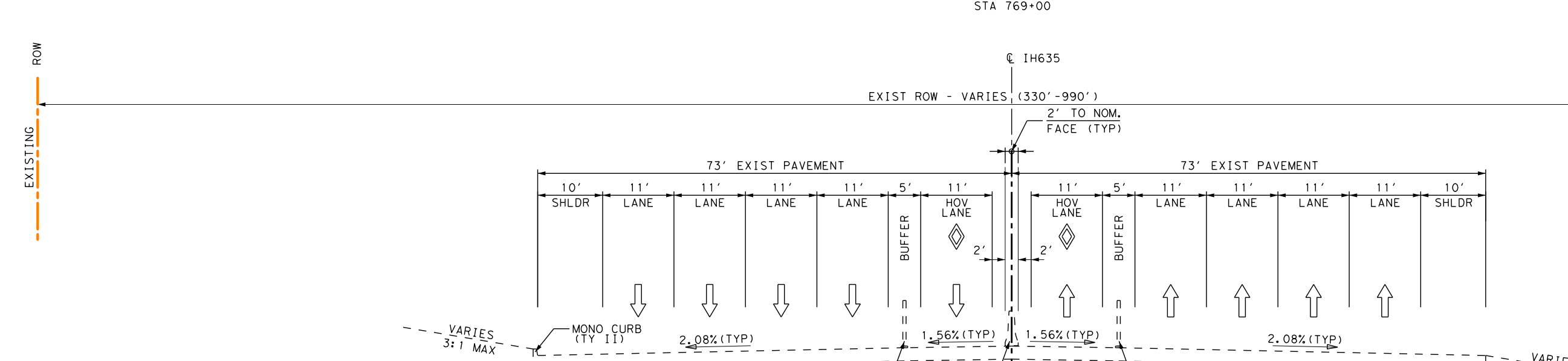
GENERAL NOTES:

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. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
4. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48113C0345J AND 48113C0485J (2001).
6. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS COUNTY APPRAISAL DISTRICT (FEBRUARY 2014).
7. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. DESIGN EXCEPTIONS APPROVED BY FHWA ON 12/6/2004 FOR THE FOLLOWING:
    A. HOV LANE WIDTH
    B. HOV SECTION WIDTH
    C. HOV LANE SHOULDER/OFFSET WIDTH
    D. MAINLANE WIDTH
    E. OUTSIDE MAINLANE SHOULDERS/OFFSET (VARIOUS LOCATIONS)
    F. INSIDE MAINLANE SHOULDERS/OFFSET
    G. MAINLANE TAPERS



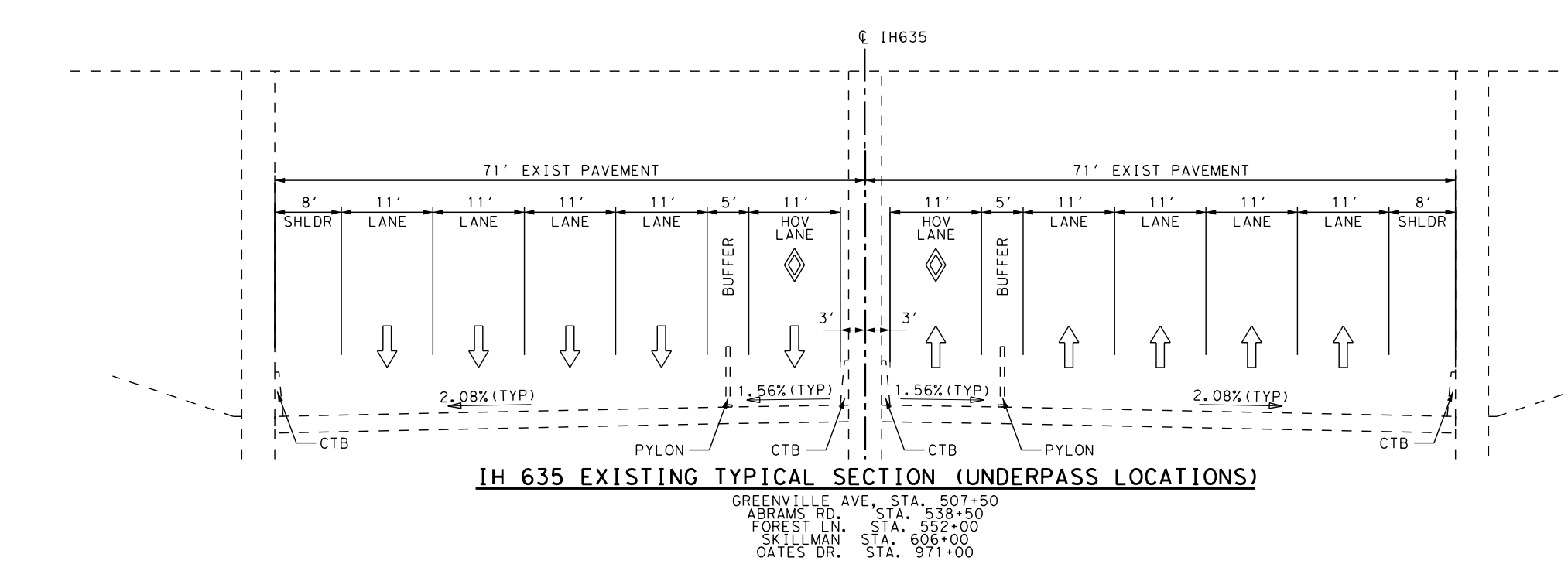
ROW
EXISTING
℄ IH635
EXIST ROW - VARIES (330'-990')
73' EXIST PAVEMENT
10' SHLDR
11' LANE
5' BUFFER
11' HOV LANE
9" (MIN)
2.08% (TYP)
1.56% (TYP)
VARIES 3:1 MAX
PYLON
CTB

IH 635 PROPOSED TOLL GANTRY
STA 535+50
STA 624+00
STA 769+00



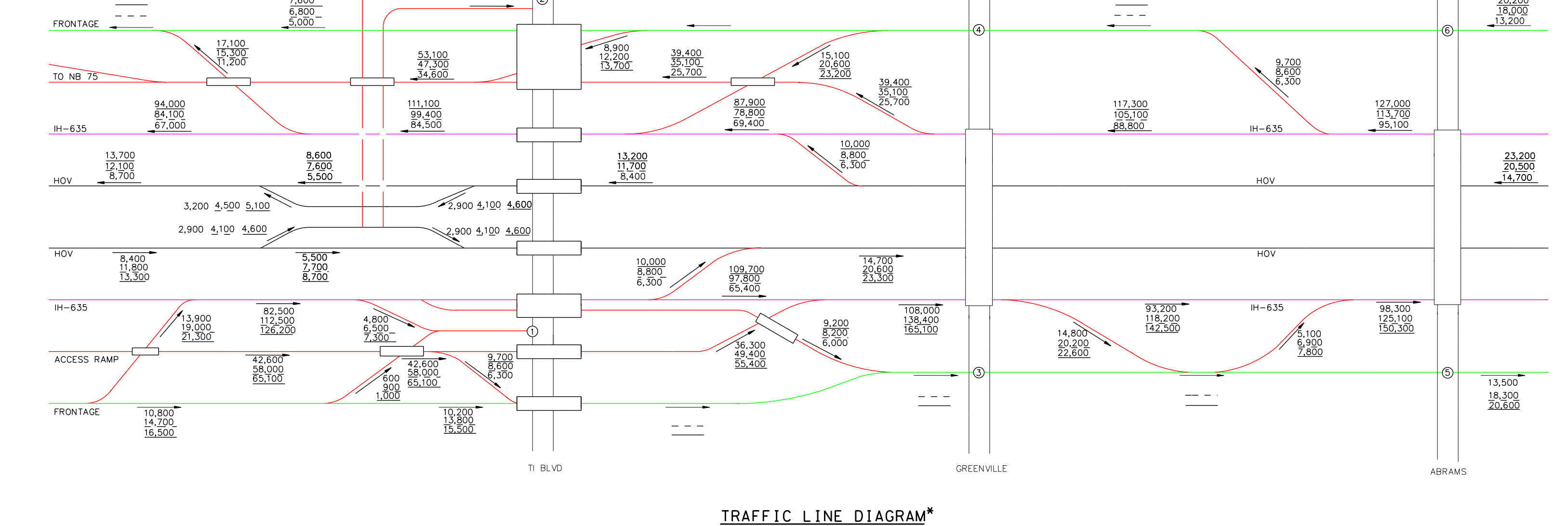
ROW
EXISTING
℄ IH635
EXIST ROW - VARIES (330'-990')
2' TO NOM. FACE (TYP)
73' EXIST PAVEMENT
10' SHLDR
11' LANE
5' BUFFER
11' HOV LANE
2'
MONO CURB (TY II)
2.08% (TYP)
1.56% (TYP)
VARIES 3:1 MAX
PYLON
CTB
CUT SECTION
FILL SECTION

IH 635 EXISTING TYPICAL SECTION
STA 505+00 TO STA 959+00



℄ IH635
71' EXIST PAVEMENT
8' SHLDR
11' LANE
5' BUFFER
11' HOV LANE
3'
2.08% (TYP)
1.56% (TYP)
PYLON
CTB

IH 635 EXISTING TYPICAL SECTION (UNDERPASS LOCATIONS)
GREENVILLE AVE. STA. 507+50
ABRAMS RD. STA. 538+50
FOREST LN. STA. 552+00
SKILLMAN STA. 606+00
OATES DR. STA. 971+00



FRONTAGE
TO NB 75
IH-635
HOV
HOV
IH-635
ACCESS RAMP
FRONTAGE
TI BLVD
GREENVILLE
ABRAMS
7,600 6,800 5,000
17,100 15,300 11,200
53,100 47,300 34,600
8,900 12,200 13,700
39,400 35,100 25,700
15,100 20,600 23,200
39,400 35,100 25,700
94,000 84,100 67,000
111,100 99,400 84,500
87,900 78,600 69,400
117,300 105,100 88,800
9,700 8,600 6,300
127,000 113,700 95,100
20,200 18,000 13,200
13,700 12,100 8,700
8,600 7,600 5,500
13,200 11,700 8,400
10,000 8,800 6,300
23,200 20,500 14,700
3,200 4,500 5,100
2,900 4,100 4,600
2,900 4,100 4,600
2,900 4,100 4,600
8,400 11,800 13,300
5,500 7,700 8,700
10,000 8,800 6,300
109,700 97,800 65,400
14,700 20,600 23,300
13,900 19,000 21,300
82,500 112,500 126,200
4,800 6,500 7,300
108,000 138,400 165,100
93,200 118,200 142,500
98,300 125,100 150,300
42,600 58,000 65,100
600 900 1,000
42,600 58,000 65,100
9,700 8,600 6,300
36,300 49,400 55,400
9,200 8,200 6,000
14,800 20,200 22,600
5,100 6,900 7,800
10,800 14,700 16,500
10,200 13,800 15,500
13,500 18,300 20,600

TRAFFIC LINE DIAGRAM*
LEGEND:
2016 ADT
2036 ADT
2046 ADT
*TRAFFIC NUMBERS INCOMPLETE AND UNAPPROVED AS OF 5/16/2014

PROPERTY OWNER INFORMATION

ID	SITE ADDRESS	OWNER	OCCUPANT	ID	SITE ADDRESS	OWNER	OCCUPANT
20	8360 LBJ FWY	BOXER F2 LP SUITE 500	UNITRIN	46	9229 LBJ FWY	NP I DALLAS PORTFOLIO LP % H & R REIT HOLDINGS INC	MEDICAL EDGE HEALTHCARE GROUP
21	8390 LBJ FWY	MILLENNIUM FIRST DEVELOPMENT MGMT LLC # 120	WESTWOOD COLLEGE	47	9272 LBJ FWY	DAVIS SANDRA & JEFFREY FAM LTD PS	ROCKYWOOD STONE & CABINETS
22	8500 LBJ FWY	LBJ CENTRAL LTD % WATSON & TAYLOR INV	MOVE IT SELF STORAGE	48	9221 LBJ FWY	NEELGIRI INV LLC	LBJ NORTH - OFFICE BUILDING
23	13592 N CENTRAL EXPY	TEXAS INSTRUMENTS INC MS3998	TEXAS INSTRUMENTS	49	9292 LBJ FWY	METROPLEX PIANO INC	METROPLEX PIANO
24	8700 LBJ FWY	TEXAS INSTRUMENTS INC MS3998	UNDEVELOPED	50	9241 LBJ FWY	2 BUILDING LBJ LTD	UNOCCUPIED OFFICE BUILDING
25	8902 LBJ FWY	DALLAS AREA RAPID TRANSIT	DART TRAIN STATION	51	9310 LBJ FWY	DHA LC	AUTO HOSPITAL
26	8800 VALLEY VIEW LN	TEXAS INSTRUMENTS INC MS3998	UNDEVELOPED	52	9322 LBJ FWY	MZLS ENTERPRISES LP	UNOCCUPIED BUILDING
27	401 S BUCKNER BLVD	DART	DART TRAIN RAIL	53	9330 LBJ FWY	TSLF ABRAMS LLC	ABRAMS CENTRE - PROSPERITY BANK
28	12600 T I BLVD	TEXAS INSTRUMENTS INC MS3998	UNDEVELOPED	54	9275 LBJ FWY	PACIFIC MONTEREY INC	NORTH CREEK CONDOMINIUMS
29	401 S BUCKNER BLVD	DART	DART TRAIN RAIL	55	9301 LBJ FWY	HANS DEVELOPMENT INC	TEXACO
30	9000 VANTAGE POINT DR	LBJ STATION LTD SUITE 400	UNDEVELOPED	56	9382 LBJ FWY	WALMART STORES TX LP % WAL-MART PPTY TAX DEPT	WAL-MART
31	9000 LBJ FWY	TEXAS INSTRUMENTS INC MS3998	UNDEVELOPED	57	9309 LBJ FWY	ZIDELL ALVIN TR OF ZIDELL INS CO	UNDEVELOPED
32	9019 VANTAGE POINT DR	BRE/ESA P PORTFOLIO TXNC % FRANCES PARKER	EXTENDED STAY AMERICA	58	9311 LBJ FWY	CPL THREE LP	HIGH FIVE CYCLES
33	9039 VANTAGE POINT DR	DUCKWIN LLC % RICHARD MARCUS	ESPRESSO SALES & SERVICE	59	9319 LBJ FWY	RMB PINYON TREE LTD STE 210	CREST COMMERICAL
34	9049 VANTAGE POINT DR	NEW PRIVATE RESTAURANT PPTIES LLC	OUTBACK STEAKHOUSE	60	9323 LBJ FWY	STEAK & ABRAMS LP	STEAK AND ALE
35	9069 VANTAGE POINT DR	GENERAL MILLS RESTAURANTS DBA: 0010873 ATTN: PROP TAX DEPT	RED LOBSTER	61	9386 LBJ FWY	MACBRIDE CHRISTINE J & DONOIAN DARRYL G	CHICK-FIL-A
36	9079 VANTAGE POINT DR	GENERAL MILLS RESTS INC DBA:0021257 ATTN:PROP TAX DEPT	OLIVE GARDEN	62	9331 ABRAMS RD	CHAPTER 8 LP	PARKING LOT
37	12705 GREENVILLE AVE	RESTLAND OF DALLAS	RESTLAND MEMORIAL PARK CEMETARY	63	9394 LBJ FWY	GADDY EDWARD E ET AL	WHATABURGER
38	9170 LBJ FWY	D & V INC	OLE WHISKERS CATFISH BUFFET	64	9341 LBJ FWY	CONCHO TRUSTS & HORN JUDITH E LIVING TRUST	UNOCCUPIED BUILDING
39	9172 LBJ FWY	D & V INC	OLE WHISKERS	65	9394 LBJ FWY	GADDY EDWARD E ET AL	UNDEVELOPED
40	12355 GREENVILLE	CHEDDARS INC SUITE 560	CHEDDAR'S	66	9351 LBJ FWY	PREMJEE INC	SHELL/ 7 ELEVEN
41	9101 LBJ FWY	WHITESTONE OFFICES LLC STE 500	COMPASS INSURANCE OFFICE BUILDING	67	11919 ABRAMS RD	GADDY WILLIAM DAVID ET AL	TITLE MAX: TITLE LOANS
42	12525 GREENVILLE AVE	CANDLEWOOD DALLAS TX % INTERCONTINENTAL HOTELS	CANDLEWOOD SUITES	68	11820 ABRAMS RD	MCDONALDS REAL ESTATE CO DBA DELAWARE MCDONALDS	MCDONALD'S
43	12330 GREENVILLE	VANDALAR PARTNERS %EXXON MOBIL	JACK IN THE BOX	69	9401 LBJ FWY	LANDGEM OFFICE I LTD SUITE 500	CHASE OFFICE
44	9230 LBJ FWY	HERITAGE INN NUMBER XXXIII	FAIRFIELD INN	70	9441 FOREST LN	RDF 186 FOREST DALLAS TX JOHN L	PL$ CHECK CASHERS
45	9250 LBJ FWY	ACD PARTNERS LP	HONDA	71	9441 LBJ FWY	NORTHCREEK FINANCIAL ASSOC LLC % MINDLIN COMPANIES LLC	NORTHCREEK PLACE

75
DRIVE S
VALLEY VIEW LN
DRIVE R
TI BLVD
DART
FLOYD BRANCH
GREENVILLE AVE
MARKVILLE
PINYON TREE LN
ABRAMS RD
BEGIN PROJECT
EI635 STA 507+00.00
BEGIN CSJ: 2374-01-176
PROPOSED MAINTENANCE AREA FOR TOLL GANTRY #1
STA 535+50.00
PROPOSED EB/WB TOLL GANTRY #1
MATCH LINE STA 545+00
PROPOSED SIGN 1 EB STA 432+00 PROPOSED COSS
EXPRESS LANE
ENTRANCE 1¼ MILE
LEFT LANE
PROPOSED SIGN 2 EB STA 448+00 EXISTING OSB
EXPRESS EXIT
TI Blvd ¼ MILE
LEFT LANE
PROPOSED SIGN 3 EB STA 448+00 EXISTING OSB
EXPRESS LANE
EXIT TO
Abrams Rd Forest Ln ½ MILE
PROPOSED SIGN 5 EB STA 456+20 EXISTING OSB
EXPRESS EXIT
TI Blvd
LEFT LANE
PROPOSED SIGN 4 EB STA 456+20 EXISTING OSB
EXPRESS LANE
TO Miller Rd/ Royal Ln
HOV 2+ $ XXX
$ XXX
NO TAG $ XXX
PROPOSED SIGN 6 EB STA 466+00 EXISTING OSB
EXPRESS LANE
ENTRANCE ½ MILE
LEFT LANE
PROPOSED SIGN 7 EB STA 476+50 EXISTING COSS
EXPRESS LANE
NO TxTag
NO PROBLEM
PAY BY MAIL
PROPOSED SIGN 8 EB STA 476+50 EXISTING COSS
EXPRESS LANE
EXIT TO
Abrams Rd Forest Ln
PROPOSED SIGN 9 WB STA 480+00 EXISTING COSS
EXPRESS EXIT
TI Blvd
LEFT LANE
PROPOSED SIGN 10 WB STA 480+00 EXISTING COSS
EXPRESS LANE
EXPRESS 635 TOLL WEST
PROPOSED SIGN 12 WB STA 485+00 EXISTING COSS
EXPRESS LANE
ENTRANCE
LEFT LANE
PROPOSED SIGN 11 EB STA 480+00 EXISTING COSS
EXPRESS EXITS
Miller Rd Royal Ln 1½
Garland Rd 78 4½
PROPOSED SIGN 13 EB STA 487+00 PROPOSED COSS
EXPRESS LANE
TO Miller Rd/ Royal Ln
HOV 2+ $ XXX
$ XXX
NO TAG $ XXX
PROPOSED SIGN 14 WB STA 490+00 EXISTING COSS
EXPRESS EXIT
TI Blvd ¼ MILE
LEFT LANE
PROPOSED SIGN 15 WB STA 490+00 EXISTING COSS
EXPRESS LANE
EXIT TO
289 DNT TOLL
Preston Rd Dallas North Tollway 2¾ MILE
PROPOSED SIGN 18 WB STA 496+50 EXISTING OSB
EXPRESS LANE
TO Preston Rd 289
Dallas North Tollway DNT TOLL
HOV 2+ $ XXX
$ XXX
NO TAG $ XXX
PROPOSED SIGN 17 WB STA 496+50 EXISTING OSB
EXPRESS LANE
ENTRANCE ¼ MILE
LEFT LANE
PROPOSED SIGN 16 EB STA 493+50 EXISTING COSS
EXPRESS LANE
ENTRANCE
LEFT LANE
PROPOSED SIGN 19 WB STA 502+00 EXISTING COSS
EXPRESS LANE
ALL VEHICLES CHARGED TOLL
EXPRESS 635 TOLL WEST
PROPOSED SIGN 20 WB STA 502+00 EXISTING COSS
EXPRESS LANE
EXIT TO
Park Central Dr Hillcrest Rd
PROPOSED SIGN 22 WB STA 516+00 EXISTING OSB
EXPRESS LANE
EXIT TO
Park Central Dr Hillcrest Rd ¼ MILE
PROPOSED SIGN 23 EB STA 516+00 EXISTING OSB
EXPRESS EXITS
Miller Rd Royal Ln 1
Garland Rd 78 4
PROPOSED SIGN 24 WB STA 525+00 EXISTING COSS
EXPRESS LANE
TO Preston Rd 289
Dallas North Tollway DNT TOLL
TO TI Blvd
HOV 2+ $ XXX $ XXX
$ XXX $ XXX
NO TAG $ XXX $ XXX
PROPOSED SIGN 25 EB STA 534+00 EXISTING COSS
EXPRESS LANE
EXIT TO
Miller Rd Royal Ln ½ MILE
PROPOSED SIGN 26 EB STA 545+00 PROPOSED COSS
EXPRESS LANE
TO Garland Rd 78
HOV 2+ $ XXX
$ XXX
NO TAG $ XXX

ONLY LARGE GUIDE SIGNS FOR THE EXPRESS LANE SYSTEM ARE SHOWN ON THE SCHEMATIC. EXISTING GENERAL PURPOSE LANE GUIDE SIGNS WOULD REMAIN AS-IS AND ARE NOT SHOWN ON THE SCHEMATIC.

SUPERELEVATION DATA

BASELINE	CURVE	RADIUS	DESIGN SPEED (MPH)	BEGIN TRANSITION	END TRANSITION AND BEGIN FULL SUPERELEVATION	FULL SUPERELEVATION	END FULL SUPERELEVATION AND BEGIN TRANSITION	END TRANSITION
EI635	EI635-9	11459.16	60	494+00	497+00	0.021	506+20	509+20

SUPERELEVATION DATA FROM RECORD DRAWINGS AND IS SHOWN FOR INFORMATIONAL PURPOSES ONLY

IH 635 ML PROFILE HAS BEEN OBTAINED FROM RECORD DOCUMENTS AND IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.

TEXAS DEPARTMENT OF TRANSPORTATION®

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WILLIAM L. HALE, P.E., DISTRICT ENGINEER

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TEXAS COUNTY MAP
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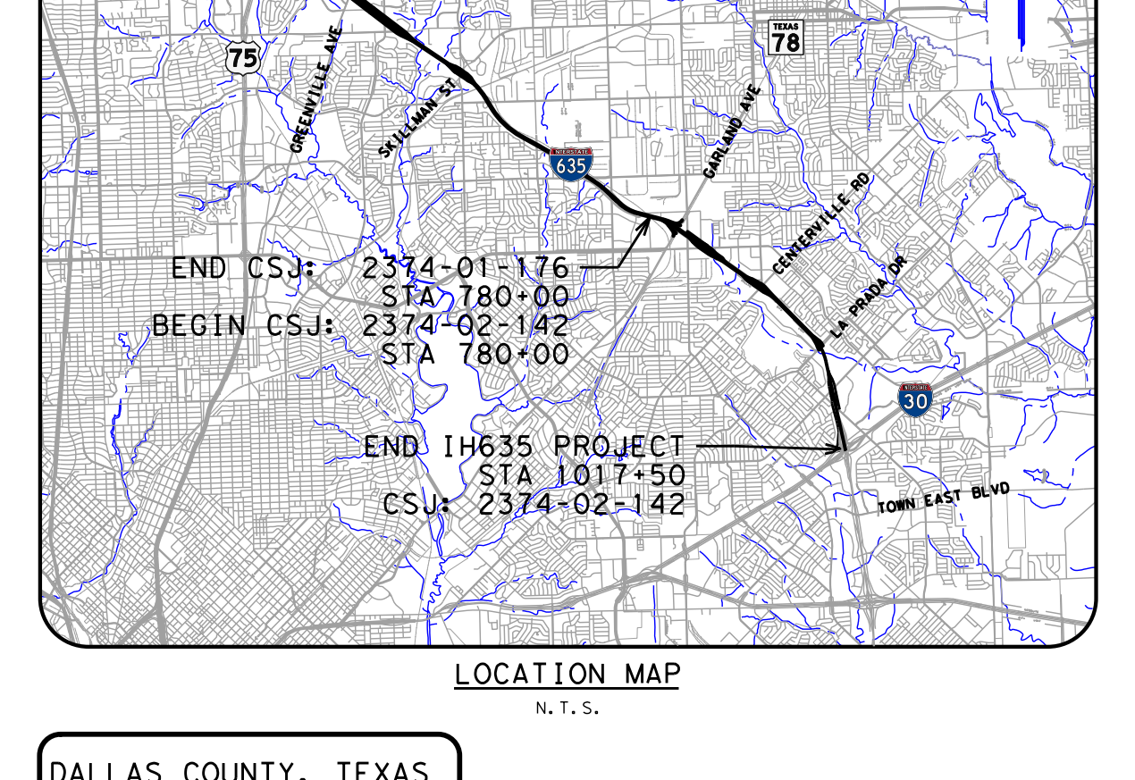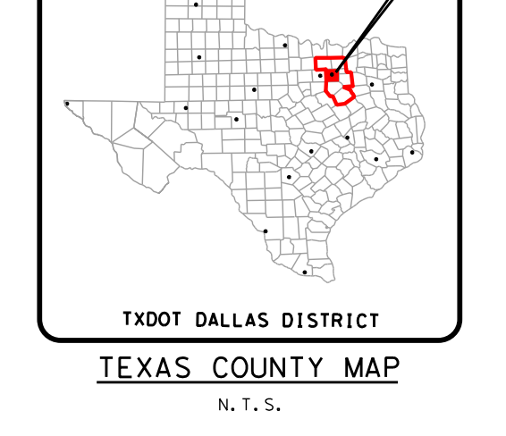© 2014 by Texas Department of Transportation all rights reserved