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 8 OF 23

IH 635		IH 30
LIMITS:	FM 1389 (BELT LINE RD) TO E OF SH 78	W. OF DOWDY FERRY RD TO E. OF MOUNTAIN CREEK PKWY
LENGTH:	11.9 MILES	2.4 MILES
FUNCTIONAL CLASS:	URBAN FREEWAY	URBAN FREEWAY
DAILY TRAFFIC:	240,100 (2014) 340,000 (2035)	240,100 (2014) 340,000 (2035)
GEOMETRIC CRITERIA:	ROLL'S 8 - 13+	ROLL'S 8 - 13+
DESIGN SPEED		
MAIN LANES:	60 MPH	
MANAGED LANES:	60 MPH	
DIRECT CONNECTORS:	50 MPH	
FRONTAGE ROADS:	40 MPH	
PROPOSED IH 635 RAMPS/CONNECTORS:	50 MPH	
FRONTAGE ROADS:	40 MPH	
LOCAL ROADWAYS:	30 MPH	
RAMP METERING:	60 MPH	

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

LOCATION MAP
N.T.S.

TEXAS COUNTY MAP

PRELIMINARY
FOR DESIGN REVIEW ONLY
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES
RELEASED ON 04/29/2016 BY JAMES K. SELMAN, P.E.
TEXAS NO. 79161

0 50 100 150 200
VERTICAL SCALE

0 100 200 300 400
HORIZONTAL SCALE

HALFF
1201 North Bowser Road
Richardson, Texas 75081
Phone: (214) 346-6200
TBPE Firm Registration No. 312

© 2016 by Texas Department of Transportation (c) / Rights reserved

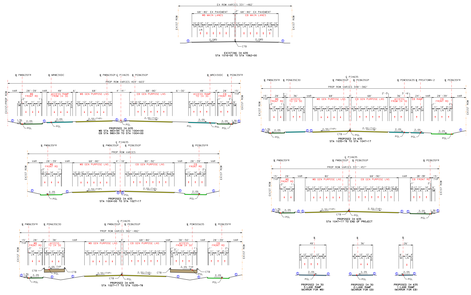
LEGEND

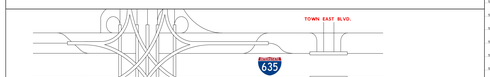
- EXISTING R/W
- EXISTING MEDIAN
- EXISTING PROPERTY LINES
- EXISTING STORM SEWER
- EXISTING TIE TO FLOODPLAIN LINE/TX
- EXISTING 100 YEAR FLOODPLAIN
- EXISTING THROUGHFARE CENTERLINE (LEFT UNDERBALL)
- PROPOSED CENTERLINE/BASELINE
- PROPOSED R/W
- PROPOSED R/W (BY OTHERS)
- PROPOSED TEMPORARY R/W
- TEMPORARY CONSTRUCTION EASEMENT
- PROPOSED ACCESS DENIAL
- PROPOSED ACCESS DENIAL EASEMENT
- PROPOSED TRAFFIC BARRIER
- PROPOSED BRIDGE ABUTMENT
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- PROPOSED NOISE WALL (NOISE WALL)
- PROPOSED SLOPE
- DIRECTION OF TRAVEL
- EXISTING MEDIAN TO REMAIN
- EXISTING BRIDGE TO REMAIN
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED MANAGED LANES
- PROPOSED RAMPS
- PROPOSED FRONTAGE ROAD
- PROPOSED CROSS STREET
- PROPOSED ECONOMIC
- POTENTIAL ENTRAPMENT
- EXISTING STRUCTURE TO BE REMOVED
- PARCEL ID

GENERAL NOTES:

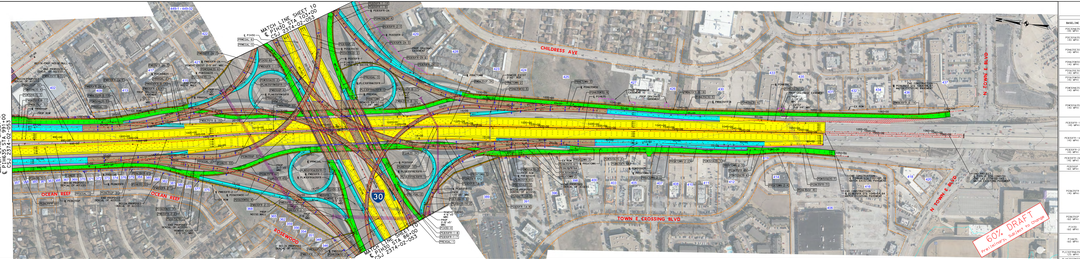
1. ALL DIMENSIONS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE DURING DESIGN. ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD.
2. ALL PROPOSED IMPROVEMENTS ARE SUBJECT TO CHANGE.
3. ALL EXISTING UTILITIES ARE APPROXIMATE AND SHOWN FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES DURING CONSTRUCTION.
4. EXISTING PAVEMENT/BRIDGES ARE TO REMAIN UNLESS OTHERWISE NOTED. PAVEMENT/BRIDGES TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR.
5. SLOPE ELEVATION ARE AT MEDIAN IS ABOUT THE FULL.
6. SLOPES IN GRADE BANKS ARE CROSS STREETS ARE TYPE II UNLESS NOTED.
7. CONTRACTOR SHALL USE THE ATTACHED ALIGNMENT DATA OF CURB, EDGE OF PAVEMENT AND CENTERLINE.
8. ATTENTION IS GIVEN TO ADA ELEVATION LIMITS AT BRIDGE OVER TOWN EAST BLVD. CONTRACTOR SHALL ADJUST GRADES AS NECESSARY.
9. EXISTING MEDIAN OPENINGS ARE TO REMAIN, BUT MAY BE SUBJECT TO MINOR ADJUSTMENTS AS NECESSARY.
10. IMMEDIATE CONTRACTOR WORK IN DISTRICT DEVIATED FROM STANDARD SPECIFICATIONS SHALL BE SUBMITTED.

TYPICAL SECTIONS



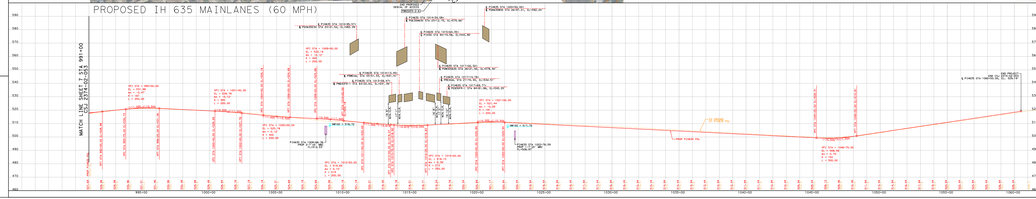


TRAFFIC DIAGRAM
NOTE: TRAFFIC PROJECTIONS ARE CURRENTLY UNDER DEVELOPMENT & WILL BE PROVIDED WITH NEXT SUBMITTAL



60% DRAFT
FOR DESIGN REVIEW ONLY
NOT FOR CONSTRUCTION

PROPOSED IH 635 MAINLANES (60 MPH)


WATCH LINE SHEET 9 STA 789+00
WATCH LINE SHEET 10 STA 991+00
PROPOSED IH 635 MAINLANES (60 MPH)
PROPOSED IH 635 MANAGED LANES (60 MPH)
PROPOSED IH 635 FRONTAGE ROADS (40 MPH)
PROPOSED CROSS STREETS (30 MPH)
PROPOSED DIRECT CONNECTORS (50 MPH)
PROPOSED RAMPS (50 MPH)
"S" CURVE
"S" CURVE
"S" CURVE