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 1 OF 23

IH 635		IH 30
LIMITS:	FM 1382 (BELTLINE RD) TO E OF SH 78	W. OF SH 310 (JIMMY DOHERTY AVE) TO E. OF SH 78
LENGTH:	11.9 MILES	2.4 MILES
FUNCTIONAL CLASS:	URBAN FREEWAYS	URBAN FREEWAYS
DAILY TRAFFIC:	240,100 (2014)	240,100 (2014)
DESIGN YEAR:	2040	2040
GEOMETRIC ROLLS:	ROLLS 5 - 11	ROLLS 9 - 13
DESIGN SPEED		
MAIN LANES:		60 MPH
MANAGED LANES:		60 MPH
DIRECT CONNECTS:		60 MPH
FRONTAGE ROADS:		35 MPH
FRONTAGE ROADS:	RAMPS/CONNECTORS:	40 MPH
CROSS STREETS:		35 MPH
OVERPASSES:		45 MPH

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

PRELIMINARY
FOR DESIGN REVIEW ONLY
NOT FOR CONSTRUCTION, BIDDING, OR PERMITTING
RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF JAMES K. SELMAN, P.E. 105324 ON 04/01/2016. IT IS NOT TO BE USED FOR BIDDING OR CONSTRUCTION PURPOSES.

VERTICAL SCALE
0 10 20 30 40
HORIZONTAL SCALE
0 100 200 300 400

HALFF
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TBPE Firm No. 312
TBPLS Firm No. 10029600

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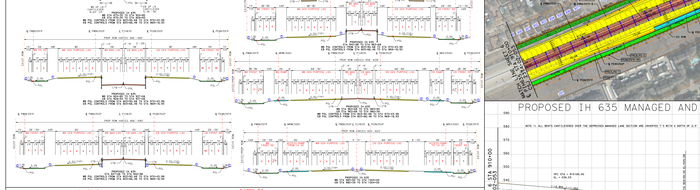
LEGEND

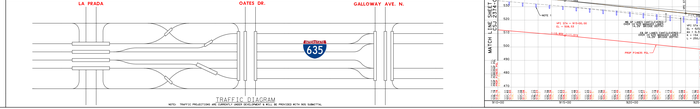
- EXISTING R/W
- EXISTING MEDIAN BARRIER
- EXISTING PAVEMENT
- EXISTING CONCRETE CURTB
- EXISTING STORM SEWER
- EXISTING CBC TO FLOWLINE CURTB
- EXISTING TEMPORARY CONCRETE BARRIER
- EXISTING TEMPORARY CONCRETE SAFETY APPROACH
- PROPOSED CENTERLINE/BASELINE
- PROPOSED R/W
- PROPOSED R/W OR EASEMENT
- PROPOSED TEMPORARY EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED ACCESS DENIAL
- PROPOSED CONCRETE PAVEMENT
- PROPOSED TRAFFIC BARRIER
- PROPOSED BRIDGE ABUTMENT
- PROPOSED BRIDGE RAIL
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE TRAFFIC RAIL
- PROPOSED SLOPE
- DIRECTION OF TRAVEL
- EXISTING TRUNCK TO REMAIN
- EXISTING BRIDGE TO REMAIN
- PROPOSED CURB
- PROPOSED MAIN LANES
- PROPOSED MANAGED LANES
- PROPOSED RAMPS
- PROPOSED FRONTAGE ROADS
- PROPOSED CROSS STREET
- PROPOSED SIDEWALK
- POTENTIAL SITE/SPLINTER
- EXISTING STRUCTURE TO BE REMOVED
- PARCEL ID

GENERAL NOTES:

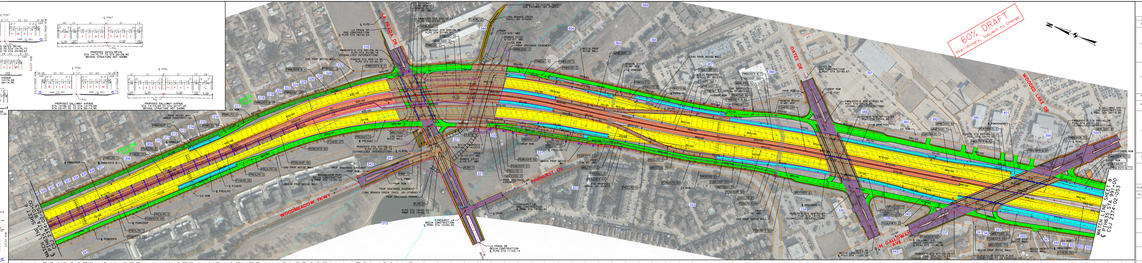
1. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST 48 HOURS, EXCLUDING WEEKENDS AND HOLIDAYS, BEFORE BEGINNING ANY EXCAVATION OR CONSTRUCTION.
2. EXISTING UTILITIES ARE SHOWN AS PER BEST AVAILABLE RECORDS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
3. ANTICIPATED UTILITY ADJUSTMENTS ARE SHOWN AS PROPOSED UTILITIES. ALL OTHER UTILITIES ARE EXISTING.
4. SLOPE ELEVATIONS ARE AT RIGHTS-OF-WAY AND R/W LINES.
5. CURVE DATA FOR MAIN LANES AND CROSS STREETS ARE TYPE II.
6. CURVE DATA FOR RAMPS IS TYPE I.
7. CONTRACTOR SHALL NOT PLACE ANY EQUIPMENT OR MATERIAL WITHIN 30' OF CURB, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
8. ATTENTION IS CALLED TO THE FLEXIBILITY LIMIT OF RAISED CURB TYPE, WHICH MAY BE USED ON THIS PROJECT. SEE STANDARD SHEET FOR DETAILS.
9. EXISTING CONCRETE PAVEMENT TO BE REMOVED AND DISPOSED OF BY CONTRACTOR UNLESS OTHERWISE NOTED.
10. UNLESS OTHERWISE SPECIFIED, ALL MATERIAL REMOVED FROM EXISTING STRUCTURES SHALL BECOME THE PROPERTY OF CONTRACTOR.

TYPICAL SECTIONS

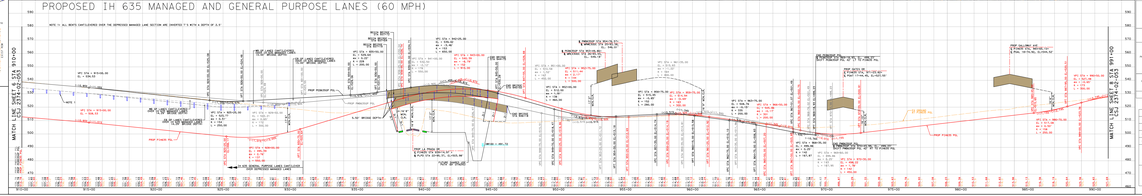




TRAFFIC DIAGRAM
NOTE: TRAFFIC PROJECTIONS ARE CURRENTLY UNDER DEVELOPMENT & WILL BE PROVIDED WITH R2R SUBMITTAL



PROPOSED IH 635 MANAGED AND GENERAL PURPOSE LANES (60 MPH)


NOTE 11: ALL ROUTE EMPTY-LOSSES OVER THE DEPRESSED BARRIER C.ARE SECTION ARE CONCRETE T WITH A DEPTH OF 2.5'
MATCH LINE "A" STA 1100+00
MATCH LINE "A" STA 1100+00
PROP POWER POLE
PROP POWER POLE
PROP POWER POLE