NTTA
NORTH TEXAS TOLLWAY AUTHORITY
5900 W. Plano Pkwy., Plano, Texas 75093
Gerry Carrigan, Executive Director

Texas Department of Transportation
DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
PROPOSED TRINITY PARKWAY
FROM IH 35E / SH 183
TO US 175 / SH 310
DALLAS COUNTY, TEXAS
CSJ 0918-45-121

FEBRUARY 2014
ROLL 1 OF 11

PROPOSED TRINITY PARKWAY			
FROM	TO	LENGTH	
IH 35E / SH 183	US 175 / SH 310	8.5 MI.	
PROJECT LENGTH		8.5 MI.	
ROADWAY		PRESENT	PROPOSED
CLASSIFICATION		FREEWAY	FREEWAY
AVERAGE DAILY TRAFFIC		56,000 (2030)	56,000 (2030)

DESIGN SPEEDS	
TRINITY PARKWAY	60 MPH
IH 35E	60 MPH
IH 35E (RAMPS)	50 MPH
SH 183	50 MPH
SH 183 (RAMPS)	40 MPH
US 175	50 MPH
US 175 (RAMPS)	40 MPH
SH 310	50 MPH
SH 310 (RAMPS)	40 MPH

LOCATION MAP
N.T.S.

TEXAS COUNTY MAP
N.T.S.

VERTICAL SCALE:1"100'
0' 50' 100' 200'
HORIZONTAL SCALE:1"200'

PRELIMINARY
FOR REVIEW ONLY
PE: [illegible]
PE LICENSE NO. [illegible]
DATE: [illegible]

HALFF
1201 NORTH BOWEN ROAD
ARLINGTON, TEXAS 76012
(817) 776-7500
TBPE FIRM #312

DATE SUBMITTED: FEBRUARY 7, 2014

DATE APPROVED:

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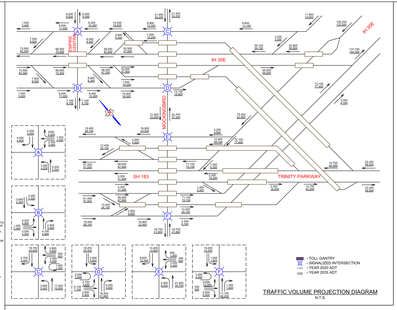
LEGEND:

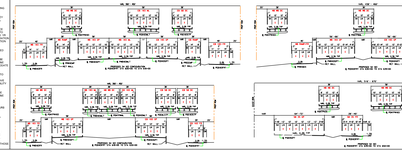
EXISTING ROW
EXISTING CONTOURS
EXISTING CONCRETE
EXISTING CONCRETE PAVEMENT (IF OTHER)
EXISTING BRIDGE TO REMAIN
EXISTING BRIDGE
PROPOSED MAIN LANES
PROPOSED RAMPS
PROPOSED FRONTAGE ROAD
PROPOSED RIGHT OF WAY
PROPOSED ROW DEDICATION
PROPOSED OPERATION AND MAINTENANCE ROAD
PROPOSED BRIDGE
BRIDGE OF OTHERS
PROPOSED CONCRETE
POTENTIAL EMPLACEMENTS
PROPOSED CONCRETE PAVEMENT (IF OTHER)
PROPOSED BRIDGE TRANSITION PAVEMENT
PROPOSED BRIDGE DECK
PROPOSED RAIL
PROPOSED CURB
PROPOSED CONTROL OF ACCESS
PROPOSED CONTROL OF ACCESS
PROPOSED CHARGEAT (IF OTHER)
PROPOSED CONCRETE PAVEMENT (IF OTHER)
PROPOSED EDGE OF PAVEMENT
PROPOSED BRIDGE SAFETENT
PROPOSED BRIDGE RAIL
PROPOSED BRIDGE DECK
PROPOSED BRIDGE DECK OVERHEAD
PROPOSED RETAINING WALL
PROPOSED SOUND WALL
PROPOSED SOUND WALL
PROPOSED TRAFFIC BARRIER
PROPOSED TOLL GANTRY
PROPOSED TOLL GANTRY
EMP AND CONTROL PROJECT (IF OTHER)
PROPOSED EXCAVATION DRAIN
PROPOSED OPERATION AND MAINTENANCE ROAD
EXISTING CONTOURS
EXISTING CONCRETE CURB & GUTTER
EXISTING TRAFFICS
EXISTING OVERHEAD ELECTRIC
EXISTING UNDERGROUND ELECTRIC
EXISTING TELEPHONE
EXISTING FIBER MAIN
EXISTING GAS LINE
EXISTING GAS LINE
EXISTING CONCRETE (IF OTHER)
PROPOSED CHARGEAT
PROPOSED CONCRETE PAVEMENT
TRAFFIC RADAR DIRECTION OF FLOW

GENERAL NOTES:

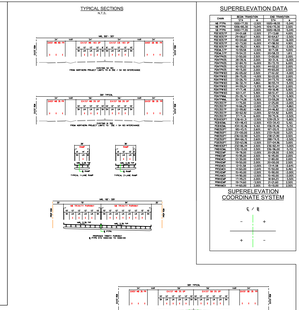
1. EXISTING RIGHTS WITH NOTE SOLD SURVEYS SCHEMATIC LATITUDE AND LONGITUDE WERE PROVIDED BY THE TEXAS DEPARTMENT OF TRANSPORTATION AND PROVIDED BY THE CENTER IN 1983 STATE PLANE COORDINATES. THE SURVEY WAS PERFORMED BY THE TEXAS DEPARTMENT AND PROVIDED BY THE CITY OF DALLAS IN 2011.
2. PARCEL LINES ARE APPROXIMATE INFORMATION AND ESTIMATED FROM DALLAS COUNTY TAX MAPS AND FIELD OBSERVATIONS.
3. EMPHASIS ARE ALL KNOWN OF EXISTENCE OR NORMAL PLACE OF EXISTENCE OF UTILITIES OR OTHER FACILITIES OF THE DALLAS.
4. SUPERELEVATION TRANSITIONS ARE LINEAR WITH THE LANE OF ROTATION UNLESS OTHERWISE NOTED.
5. SUPERELEVATION DEVIATION BETWEEN CONCRETE PAVEMENT AND BRIDGE AND BELL BE EXCLUDED DURING PROJECT.
6. SUPERELEVATION DEVIATION DURING CONCRETE PAVEMENT (IF OTHER) SHALL BE EXCLUDED DURING PROJECT.
7. CURVE AND TYPE 1 CAUSES NOTED OTHERWISE.
8. CURVE DATA TO INCLUDE TRANSITION PROVIDED FROM 0% TO 100% SUPERELEVATION. THE TRANSITION SHALL BE PROVIDED AS THE TEXAS ACCESS MANAGEMENT MANUAL.
9. CURVE DATA TO INCLUDE TRANSITION PROVIDED FOR PRELIMINARY CALCULATION PURPOSES ONLY. ACTUAL TRANSITION TO BE PROVIDED BY THE CONTRACTOR.
10. CURVE DATA TO INCLUDE TRANSITION PROVIDED FOR PRELIMINARY CALCULATION PURPOSES ONLY. ACTUAL TRANSITION TO BE PROVIDED BY THE CONTRACTOR.
11. THE IH 35 IN NORTH SURVEY ELEVATIONS ARE APPROXIMATE THEY ARE BASED ON THE DATA FROM THE TEXAS DEPARTMENT OF TRANSPORTATION.
12. THE DESIGN ELEVATIONS WILL SHOULD SURVEY ELEVATIONS. THE DESIGN ELEVATIONS ARE BASED ON THE DATA FROM THE TEXAS DEPARTMENT OF TRANSPORTATION. THE SURVEY OF THE FUTURE DEPARTMENT WILL BE TO BE PROVIDED BY THE CONTRACTOR. THE DESIGN ELEVATIONS WILL BE TO BE PROVIDED BY THE CONTRACTOR.
13. THE TYPE OF FIELD FOR THE DESIGNER'S WILL BE DETERMINED BY THE CONTRACTOR. THE DESIGN ELEVATIONS WILL BE TO BE PROVIDED BY THE CONTRACTOR.
14. THE EXACT LOCATION OF THE PROPOSED SLURRY WALL IS TO BE DETERMINED BY THE CONTRACTOR. THE DESIGN ELEVATIONS WILL BE TO BE PROVIDED BY THE CONTRACTOR.
15. EXCAVATION AREAS ARE LOCATED ON AN INCLINED SLOPE TO ALLOW FOR DRAINAGE. THE DESIGN ELEVATIONS WILL BE TO BE PROVIDED BY THE CONTRACTOR. THE DESIGN ELEVATIONS WILL BE TO BE PROVIDED BY THE CONTRACTOR.
16. THE EXACT LOCATIONS AND LIMITS OF EMPHASIS WALL WILL BE DETERMINED WITH FUTURE GEOTECH INVESTIGATIONS DURING PUBL DESIGN.
17. ORDINARY LOCATIONS AND PRELIMINARY AND WILL BE FURTHER DETERMINED WITH FUTURE GEOTECH INVESTIGATIONS DURING PUBL DESIGN UNLESS NOTED OTHERWISE.
18. ON RAMP STRETTS LOCATE BY RADIUS UNLESS NOTED OTHERWISE.
19. ALL ROADWAY DESIGN ELEVATIONS ARE ESTABLISHED WITHIN THE ROADWAY PAVEMENT UNLESS NOTED OTHERWISE.
20. ON THE IT RUNTOP BEAM BETWEEN THE IH TRINITY PARKWAY BRIDGE, THE DESIGN ELEVATIONS WILL BE TO BE PROVIDED BY THE CONTRACTOR. COLUMNS FOR FUTURE BRIDGE PROJECTS CLOSE THE BRIDGE GUARD.
21. THE PROPOSED ROW AND EASEMENTS AND CONDEMNATION WITH THESE PARCELS ARE ESTIMATED. THE PROPOSED ROW AND EASEMENTS AND CONDEMNATION WITH THESE PARCELS ARE ESTIMATED.

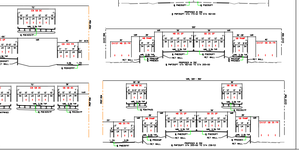


TRAFFIC VOLUME PROJECTION DIAGRAM
N.T.S.



TYPICAL SECTIONS
N.T.S.



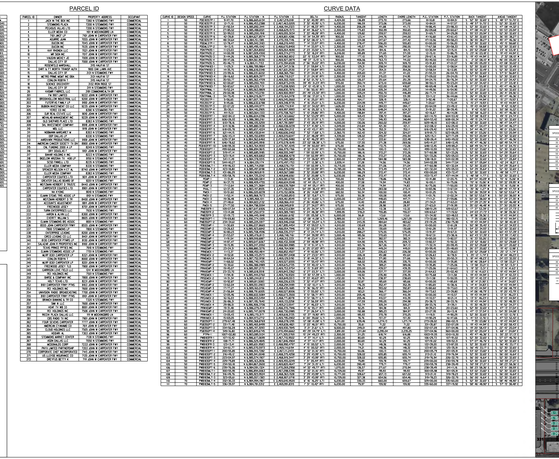
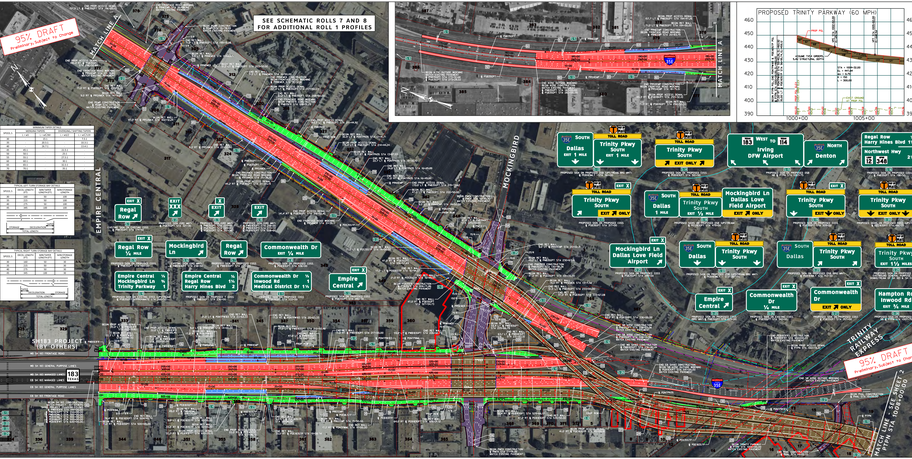
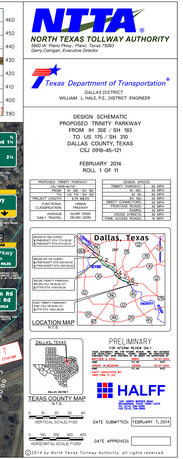


SUPERELEVATION DATA

STATION	ROTATION	DEVIATION
[illegible]	[illegible]	[illegible]

PARCEL ID

PARCEL	OWNER	AREA
[illegible]	[illegible]	[illegible]

CURVE DATA

CURVE	RADIUS	DELTA	TANGENT	LENGTH	STATION
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]