NTTA
NORTH TEXAS TOLLWAY AUTHORITY
5900 W. Plano Pkwy, Plano, Texas 75093
Allen Clemson, Executive Director, NTTA

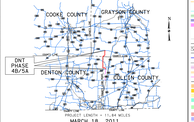
DALLAS NORTH TOLLWAY EXTENSION

PHASE 4B / 5A
FROM FM 428 TO FM 121
DESIGN SCHEMATIC

DESIGN SPEED

FUNCTIONAL CLASS: URBAN TOLLWAY (FREEWAY)
DESIGN SPEED: 70 MPH (MAINLINE)
50 MPH (RAMPS)
40 MPH (CROSS STREETS)
45 MPH (CROSS STREETS)
* UNLESS OTHERWISE NOTED ON PLANS

AVERAGE DAILY TRAFFIC



MARCH 18, 2011
PRE-FINAL SUBMITTAL

These documents are preliminary and are intended for Regulatory approval, Permit, Bidding or Construction purposes only unless otherwise noted. Use of these documents for other purposes is prohibited.

HALFF
REGISTERED FIRM
ENGINEERING
MECHANICAL TEXAS F-2075
ARCHITECTURE
FIA CIM TBA F-8836

DATE APPROVED	DESIGN SCHEMATIC NOT INTENDED FOR CONSTRUCTION OR PERMIT PURPOSES	DATE SUBMITTED
	PRELIMINARY DRAFT PERIOD TO CHANGE	

ROLL 5 OF 14
SCALE: 1"=2000'

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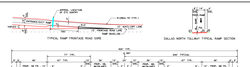
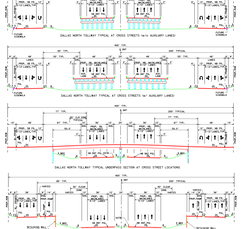
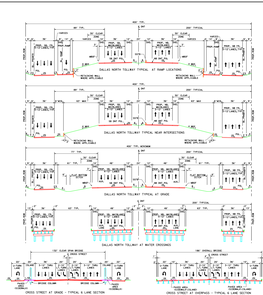
LEGEND

- EXIST. ROW
- PROPOSED R.O.W.
- PROPERTY LINE
- PROPOSED DRAINAGE EASEMENT
- 65 PROPERTY PARCEL #
- 100 YEAR FLOODPLAIN
- PROPOSED STORM DRAINAGE
- PROPOSED STORM DRAINAGE
- PROPOSED DRAINAGE CHANNEL
- PROPOSED TRAFFIC SIGNAL
- GANTRY SIGNS
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PAVEMENT TO BE REMOVED
- PROPOSED INT 4B/5A CENTERLINE
- PROPOSED INT 4B/5A WALL
- PROPOSED NOISE WALL
- PROPOSED TWO WAY TRAFFIC BARRIER
- PROPOSED ONE WAY TRAFFIC BARRIER
- CONTROL OF ACCESS LINE
- PROPOSED PROJECT (BY OTHERS)
- EXISTING CROSS & LOCAL STREET
- PROPOSED CROSS STREET BRIDGES
- PROPOSED INT 4B/5A MAIN LINES
- PROPOSED INT 4B/5A CONNECTOR
- PROPOSED FRONTAGE ROAD AND CROSS STREETS
- PROPOSED TOLL GANTRY
- PROPOSED TEMPORARY PAVEMENT
- EXISTING CROSS & LOCAL STREET
- PROPOSED TOLL GANTRY
- PROPOSED TOLL GANTRY
- ADDITIONAL RIGHT-OF-WAY REQUIREMENTS

NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATIC LAYOUTS ARE BASED ON PRELIMINARY DATA AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
2. DIMENSIONS ARE FACE OF CURB OR TO EDGE OF UNCURBED PAVEMENT UNLESS NOTED OTHERWISE.
3. MINIMUM CROSS STREET TURNOUT RADIUS EQUALS TO TYPICAL 50 MTW.
4. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN AND COORDINATION WITH THE LOCAL THAT THE DRIVEWAY IS NOT ESSENTIAL AND/OR VIOLATES THE NTTA CONTROLLED ACCESS REQUIREMENTS.
5. TRAFFIC VOLUMES SHOWN HEREON ARE BASED ON PROJECTIONS PROVIDED BY NTTA AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
6. ALL SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
7. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
8. METAL BEAM GUARD FENCE AND CONCRETE TRAFFIC BARRIER (CTB) LOCATIONS TO BE DETERMINED IN FINAL. CTB MAY ALTERNATE FROM MB TO SB SHOULDER DEPENDING ON SUPER ELEVATION AND ROOM FOR MAINTENANCE.
9. CROSS STREET ALIGNMENTS ARE PRELIMINARY ONLY, FINAL LOCATION WILL BE DETERMINED AT THE PHASE LEVEL.
10. ALL RIGHT-OF-WAY REQUIREMENTS, CONTROL OF ACCESS WILL BE DETERMINED BY THE COUNTIES OR MUNICIPALITIES AT A FUTURE DATE.





PROPOSED TYPICAL SECTIONS
NTS