COLLIN COUNTY OUTER LOOP

PHASE III: FUTURE EAST BOUND FRONTAGE ROAD
FM 2478 TO WEST OF US 75

ROADWAY FUNCTIONAL CLASSIFICATION:	URBAN FREEWAY
ROADWAY CONSTRUCTION TYPE:	NEW FACILITY
DESIGN SPEED (MAINLANES):	70 MPH
DESIGN SPEED (OUTER LOOP EBFR):	45 MPH
DESIGN SPEED (RAMPS):	50 MPH
DESIGN SPEED (CR 52,51,53,1117):	40 MPH
NET LENGTH OF PROJECT:	7.97 MILES
SCHEMATIC SCALE:	HORIZ: 1"=100' VERT: 1"=50'
AERIAL PHOTO DATE:	2013

LOCATION MAP

LEGEND

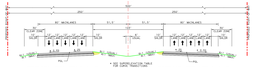
- TOTAL INCLUSIONS
- PROPOSED FRONTAGE ROAD
- PAVEMENT (IMPROVEMENTS OR OTHER)
- CURB
- CURBED CURB
- GUARDRAIL
- PROPOSED CROSS STREET OR OTHERS
- TOD OR PARK PLAZA/PLAZA
- PARCEL BOUNDARY
- EXISTING RIGHT-OF-WAY
- FUTURE RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- FUTURE RIGHT-OF-WAY (BY OTHERS)
- PROPOSED PRIVATE EASEMENT
- PROPOSED TEMPORARY EASEMENT
- PROPOSED TEMP CONSTRUCTION EASEMENT
- PROPOSED CENTERLINE OUTER LOOP CORRIDOR
- PROPOSED CENTERLINE ACCESS ROAD
- PROPOSED CENTERLINE OTHER STREET/TRANSITION
- PROPOSED RETAINING WALL
- EXISTING CENTER LINES

NOTES:
1. EXISTING FEATURES BASED ON NET FIELD SURVEYS, AERIAL PHOTOGRAPHY, AND OTHER DATA. CONTACT DESIGNER WITH ANY QUESTIONS.
2. PROPOSED FEATURES BASED ON PRELIMINARY DESIGN. REFER TO CONSTRUCTION SECTION DESIGN AND CONSTRUCTION PLANS FOR FINAL DESIGN AND CONSTRUCTION.
3. FINAL DETERMINATION OF CENTERLINE OF ACCESS ROADS, CROSS STREETS, AND OTHER STREETS WILL BE DETERMINED AFTER ROUTE SELECTION.
4. FINAL DETERMINATION OF CENTERLINE OF OTHER STREETS WILL BE DETERMINED AFTER ROUTE SELECTION AND PRELIMINARY DESIGN.
5. ALL DIMENSIONS ARE HORIZONTAL UNLESS OTHERWISE SPECIFIED.
6. DESIGN SPECIFICATIONS BASED ON THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) DESIGN MANUAL AND ASSOCIATED SPECIFICATIONS.
7. ALL PROPOSED RIGHT-OF-WAY, EASEMENTS, CENTERLINE, CURB TARGETS, AND ESTIMATED ROW COSTS ARE BASED ON THE TXDOT ROW MANUAL, FORM 2 OF 2 (TXDOT CONTROL SECTION JOBS).
8. ALL PROPOSED RIGHT-OF-WAY, EASEMENTS, CENTERLINE, CURB TARGETS, AND ESTIMATED ROW COSTS ARE BASED ON THE TXDOT ROW MANUAL, FORM 2 OF 2 (TXDOT CONTROL SECTION JOBS).
9. ALL PROPOSED RIGHT-OF-WAY, EASEMENTS, CENTERLINE, CURB TARGETS, AND ESTIMATED ROW COSTS ARE BASED ON THE TXDOT ROW MANUAL, FORM 2 OF 2 (TXDOT CONTROL SECTION JOBS).
10. ALL PROPOSED RIGHT-OF-WAY, EASEMENTS, CENTERLINE, CURB TARGETS, AND ESTIMATED ROW COSTS ARE BASED ON THE TXDOT ROW MANUAL, FORM 2 OF 2 (TXDOT CONTROL SECTION JOBS).

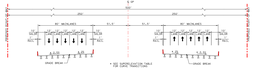
EXISTING UTILITY LEGEND

- EXISTING ELECTRIC
- EXISTING TELEPHONE
- EXISTING CABLE
- EXISTING GAS
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING FIBER OPTIC
- EXISTING TRAFFIC SIGNAL
- EXISTING LIGHTING

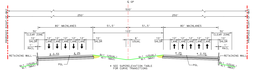
SCHEMATIC PREPARED BY:
HALFF ASSOCIATES, INC.
TBPE FIRM REGISTRATION # 1084
1201 NORTH BOWSER ROAD, SUITE 300
RICHARDSON, TEXAS 75081
PHONE: (214) 346-6200
FAX: (214) 346-6201
WWW.HALFF.COM
SCHEMATIC DESIGN:
MICHAEL J. BRUNO, P.E.
JOSEPH T. BOYD, P.E.



PROPOSED TYPICAL SECTION WESTBOUND MAINLANES

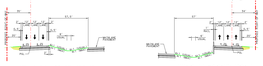


PROPOSED TYPICAL SECTION EASTBOUND MAINLANES



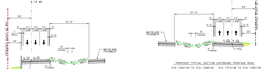
PROPOSED TYPICAL SECTION WESTBOUND MAINLANES

PROPOSED TYPICAL SECTION EASTBOUND MAINLANES



PROPOSED TYPICAL SECTION WESTBOUND FRONTAGE ROAD
(TYP. EXCEPT AS SHOWN)

PROPOSED TYPICAL SECTION EASTBOUND FRONTAGE ROAD
(TYP. EXCEPT AS SHOWN)



PROPOSED TYPICAL SECTION WESTBOUND FRONTAGE ROAD
(TYP. EXCEPT AS SHOWN)

PROPOSED TYPICAL SECTION EASTBOUND FRONTAGE ROAD
(TYP. EXCEPT AS SHOWN)

PROPOSED TYPICAL SECTION RAMP

PROPOSED TYPICAL SECTION RAMP

RETAINING WALL CHART					
WALL NO.	BEGIN STA	END STA	BEGIN OFFSET	END OFFSET	TYPE OF WALL
WALL 1	3250+00	3253+00	5.75'	5.75'	TYPE 1
WALL 2	3253+00	3256+00	5.75'	5.75'	TYPE 1
WALL 3	3256+00	3259+00	5.75'	5.75'	TYPE 1
WALL