COLLIN COUNTY OUTER LOOP

PHASE 1I1: 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 (FRAMPS):	50 MPH
DESIGN SPEED (CR 52,51,53,1117):	40 MPH
NET LENGTH OF PROJECT:	3.97 MILES
SCHEMATIC SCALE:	HORIZ 1"=100' VERT 1"=20'
AERIAL PHOTO DATE:	2019

LOCATION MAP

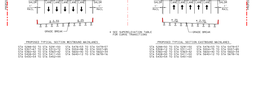
LEGEND

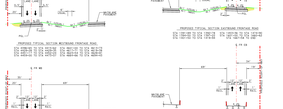
NOTES:
1. EXISTING FEATURES MAPPED ARE FIELD SURVEYED, AERIAL MAPPING, AND/OR TXDOT RECORDS.
2. EXISTING UTILITIES ARE SHOWN AS WELL AS KNOWN TO BE AVAILABLE DURING DESIGN PHASE. IT IS RECOMMENDED DURING DESIGN PHASE AND PRIOR TO CONSTRUCTION THAT ALL UTILITIES BE FIELD VERIFIED BY UTILITY OWNERS AND/OR QUALITY LEVEL A SUE INVESTIGATION.
3. FINAL DETERMINATION OF CONTROL OF ACCESS WILL BE MADE BY TXDOT DURING THE DESIGN PHASE.
4. ALL PROPOSED DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH TXDOT STANDARDS.
5. SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) DATED 2014 SHALL GOVERN ALL WORK UNLESS OTHERWISE NOTED.
6. ALL PROPOSED CONSTRUCTION, INCLUDING GRADING, SIDE SLOPES, ALL EASEMENTS AND RIGHT-OF-WAY REQUIREMENTS SHALL BE CONTAINED WITHIN THE LIMITS SHOWN ON THE PLANS.
7. ALL PROPOSED DRAINAGE STRUCTURES SHALL BE DESIGNED FOR A 100-YEAR FREQUENCY.
8. ALL PROPOSED BRIDGES SHALL BE DESIGNED FOR HL-93 LOADING.

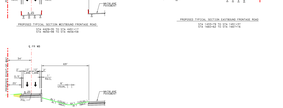
EXISTING UTILITY LEGEND

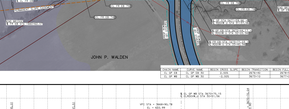
- ATMOS ENERGY GAS LINE
- AT&T LINE
- AT&T FIBER OPTIC LINE
- AT&T TELCO LINE
- FIBER OPTIC LINE
- SPECTRUM LINE

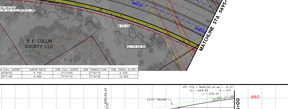
SCHEMATIC PREPARED BY:
PEC TRAFFIC
TEXAS REGISTERED ENGINEERING FIRM F-11439
2000 N. CENTRAL EXPRESSWAY, SUITE 220
PLANO, TEXAS 75074 (972) 422-0077
REGIONAL TOLL PROJECTS GROUP
MICHAEL SHANNON, P.E. - OWNER
ZONG "JOHN" ZHANG, P.E. - OWNER
JOE CUTSINGER, P.E. - OWNER

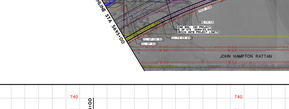


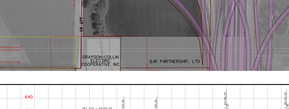


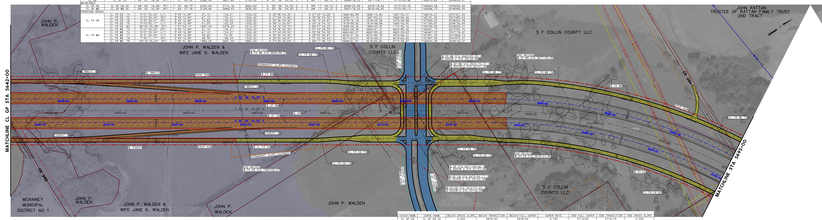


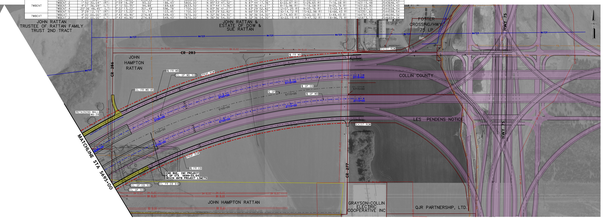


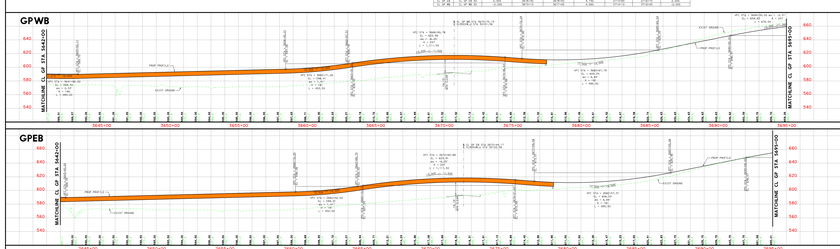


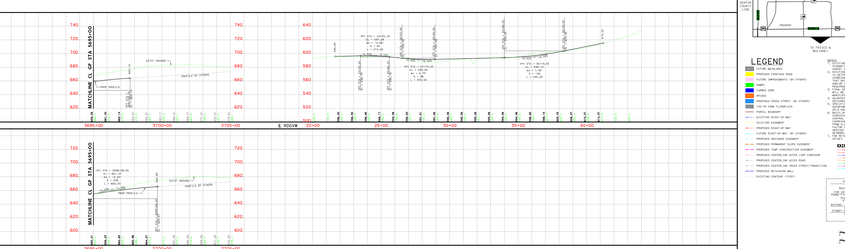












COLLIN COUNTY OUTER LOOP

PHASE 1I1: 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 (FRAMPS):	50 MPH
DESIGN SPEED (CR 52,51,53,1117):	40 MPH
NET LENGTH OF PROJECT:	3.97 MILES
SCHEMATIC SCALE:	HORIZ 1"=100' VERT 1"=20'
AERIAL PHOTO DATE:	2019

LOCATION MAP

LEGEND

NOTES:
1. EXISTING FEATURES MAPPED ARE FIELD SURVEYED, AERIAL MAPPING, AND/OR TXDOT RECORDS.
2. EXISTING UTILITIES ARE SHOWN AS WELL AS KNOWN TO BE AVAILABLE DURING DESIGN PHASE. IT IS RECOMMENDED DURING DESIGN PHASE AND PRIOR TO CONSTRUCTION THAT ALL UTILITIES BE FIELD VERIFIED BY UTILITY OWNERS AND/OR QUALITY LEVEL A SUE INVESTIGATION.
3. FINAL DETERMINATION OF CONTROL OF ACCESS WILL BE MADE BY TXDOT DURING THE DESIGN PHASE.
4. ALL PROPOSED DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH TXDOT STANDARDS.
5. SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) DATED 2014 SHALL GOVERN ALL WORK UNLESS OTHERWISE NOTED.
6. ALL PROPOSED CONSTRUCTION, INCLUDING GRADING, SIDE SLOPES, ALL EASEMENTS AND RIGHT-OF-WAY REQUIREMENTS SHALL BE CONTAINED WITHIN THE LIMITS SHOWN ON THE PLANS.
7. ALL PROPOSED DRAINAGE STRUCTURES SHALL BE DESIGNED FOR A 100-YEAR FREQUENCY.
8. ALL PROPOSED BRIDGES SHALL BE DESIGNED FOR HL-93 LOADING.

EXISTING UTILITY LEGEND

SCHEMATIC PREPARED BY:
PEC TRAFFIC
TEXAS REGISTERED ENGINEERING FIRM F-11439
2000 N. CENTRAL EXPRESSWAY, SUITE 220
PLANO, TEXAS 75074 (972) 422-0077
REGIONAL TOLL PROJECTS GROUP
MICHAEL SHANNON, P.E. - OWNER
ZONG "JOHN" ZHANG, P.E. - OWNER
JOE CUTSINGER, P.E. - OWNER

DESIGN SCHEMATIC | COLLIN COUNTY OUTER LOOP | DATE: JULY 2019 | COUNTY: COLLIN

ROLL 5 OF 8

DESIGN SCHEMATIC | COLLIN COUNTY OUTER LOOP | DATE: JULY 2019 | COUNTY: COLLIN

ROLL 5 OF 8