COLLIN COUNTY OUTER LOOP

PHASE 1II: 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:	3.97 MILES
SCHEMATIC SCALE:	HORIZ: 1"=100' VERT: 1"=20'
AERIAL PHOTO DATE:	2019

LOCATION MAP

LEGEND

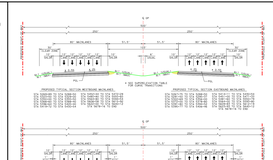
- EXISTING MAINLANES
- PROPOSED FRONTAGE ROAD
- EXISTING IMPROVEMENTS (BY OTHERS)
- RAMPS
- SURFACE SEAL
- CURBS
- PROPOSED CROSS STREET (BY OTHERS)
- 100-YR FLOOD PLAIN
- TOPOGRAPHIC BOUNDARY
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- FUTURE RIGHT-OF-WAY (BY OTHERS)
- PROPOSED MAINLANE PAVEMENT
- PROPOSED RAMP PAVEMENT
- PROPOSED TEMP CONSTRUCTION EASEMENT
- PROPOSED EXISTING ON SITE CLAY CURTAIN
- PROPOSED EXISTING ON SITE ACCESS ROAD
- PROPOSED EXISTING ON SITE STAGED CONSTRUCTION
- PROPOSED RETAINING WALL
- EXISTING CONTOUR (1FOOT)

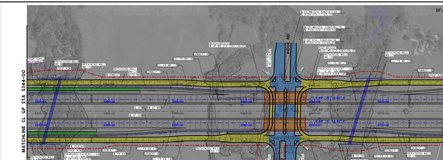
NOTES:
1. EXISTING FEATURES SHOWN ARE TAKEN FROM AERIAL PHOTOGRAPHY FLOWN IN 2019 AND FIELD SURVEYED BY KIMLEY-HORN AND ASSOCIATES, INC. IN NOVEMBER 2019 AND MARCH 2020.
2. ALL DIMENSIONS SHOWN ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
3. FINAL DETERMINATION OF CONTROL OF ACCESS LIMITS WILL BE ESTABLISHED DURING THE FINAL DESIGN PHASE.
4. ALL PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT).
5. ALL PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TXDOT STANDARDS.
6. ALL PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TXDOT ROADWAY DESIGN MANUAL.
7. ALL PROPOSED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TXDOT TRAFFIC CONTROL PLAN STANDARDS.

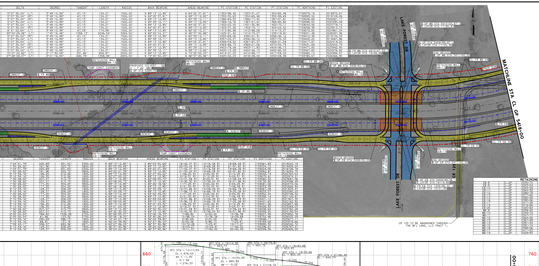
EXISTING UTILITY LEGEND

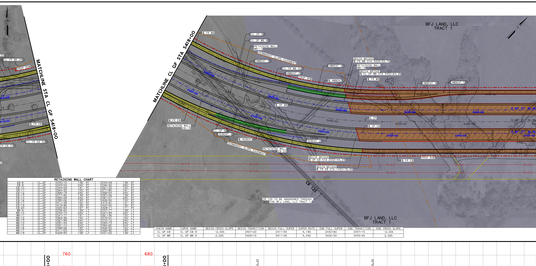
- ATMOS GAS LINE
- AT&T FIBER LINE
- AT&T UTILITY LINE
- TXU ELECTRIC LINE
- TXU GAS LINE
- VERIZON FIBER LINE
- WATER LINE

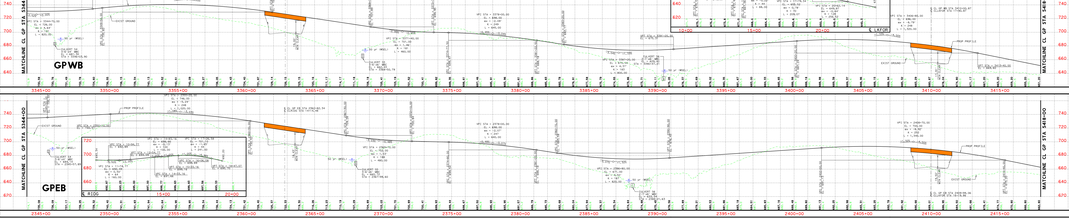
SCHMIDT PROVIDED BY:
TEXAS DEPARTMENT OF TRANSPORTATION
DISTRICT: DALLAS
COUNTY: COLLIN
CONTROL: 0918-00-XXX
HIGHWAY: FM 2478
BEGIN: 0.000 MILES NORTH OF FM 2478
END: 0.000 MILES NORTH OF FM 2478
PROJECT LENGTH: 0.000 MILES
PROJECT TYPE: NEW ALIGNMENT
BEGIN: 0.000 MILES NORTH OF FM 2478
END: 0.000 MILES NORTH OF FM 2478
PROJECT LENGTH: 0.000 MILES

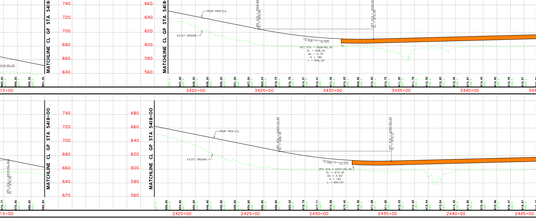












COLLIN COUNTY OUTER LOOP

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FM 2478 TO WEST OF US 75

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EXISTING UTILITY LEGEND

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TEXAS DEPARTMENT OF TRANSPORTATION
DISTRICT: DALLAS
COUNTY: COLLIN
CONTROL: 0918-00-XXX
HIGHWAY: FM 2478
BEGIN: 0.000 MILES NORTH OF FM 2478
END: 0.000 MILES NORTH OF FM 2478
PROJECT LENGTH: 0.000 MILES
PROJECT TYPE: NEW ALIGNMENT
BEGIN: 0.000 MILES NORTH OF FM 2478
END: 0.000 MILES NORTH OF FM 2478
PROJECT LENGTH: 0.000 MILES

DESIGN SCHEMATIC
COLLIN COUNTY OUTER LOOP
COUNTY: COLLIN
DATE: JULY 2019
ROLL 2 OF 8

KIMLEY-HORN AND ASSOCIATES, TEXAS 75093
12700 HILLCREST ROAD, SUITE 319, DALLAS, TEXAS 75230
TEL: 972-335-3580
TBPE FIRM REGISTRATION #: F-928
TBPLS FIRM REGISTRATION #: 10193973