TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

FM 982 PROJECT
60% DESIGN SCHEMATIC
FROM US 380 TO FM 546
RECONSTRUCT AND WIDEN
FROM 2 LANES TO 4 LANES
COLLIN COUNTY, TEXAS
CSJ# 0387-05-027

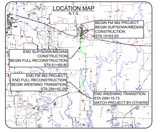
DECEMBER 2025
ROLL 1 OF 4

PROJECT LENGTH	5.375 MILES
ROW WIDTH	VARIES
DAILY TRAFFIC	21,800 - 32665
DESIGN YEAR	2045

ROADWAY	FUNCTION CLASS	DESIGN SPEEDS
US 380	MAJOR COLLECTOR	55 MPH
WORTH LN	LOCAL	30 MPH
FM 982	MAJOR COLLECTOR	55 MPH
CO RD 924	MAJOR COLLECTOR	50 MPH
CO RD 921	MAJOR COLLECTOR	50 MPH
ALL OTHER CROSS STREETS	LOCAL	NOTED

* MEET OR IMPROVE EXISTING CONDITIONS

LOCATION MAP



COLLIN COUNTY, TEXAS

TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION, BIDDING OR PERMIT
PRELIMINARY ENGINEER
DATE

halff
HALFF ASSOCIATES, INC.
TBPE FIRM F-10029
TBPLS FIRM 10064

VERTICAL SCALE: 1" = 20'
HORIZONTAL SCALE: 1" = 200'

DATE SUBMITTED: DECEMBER 9, 2025
DATE APPROVED:

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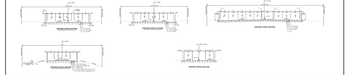
LEGEND:

- EXISTING ROW
- PROPOSED ROW
- ROW BY OTHERS
- CITY BOUNDARY
- EXTERNAL PROPERTY LINES
- PARCEL LINE
- CURVE TO
- EXISTING CULVERT
- PROPOSED CULVERT
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED EDGE OF PAVEMENT
- PROPOSED BRIDGE RAIL
- PROPOSED BRIDGE BENT/ABUTMENT
- EXISTING BRIDGE RAIL
- PROPOSED PROJECT BY OTHERS
- DIRECTION OF TRAVEL
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED SHARED USE PATH
- PROPOSED SIDEWALK
- POTENTIAL DISPLACEMENT
- EXISTING BUILDING
- PROPOSED CROSS STREET
- PROPOSED RAISED MEDIAN
- EXISTING TREE LINE
- DRIVEWAYS/BRIDGE TO BE REMOVED
- DRIVEWAY TO BE REMOVED
- PROPOSED PAVEMENT BY OTHERS
- EXISTING WATER
- EXISTING FIBER OPTIC
- EXISTING TELEPHONE / CABLE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING OVERHEAD ELECTRIC
- EXISTING WASTEWATER
- EXISTING GAS LINE

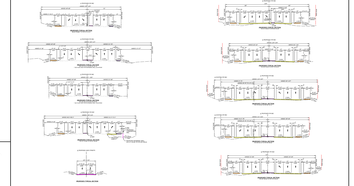
GENERAL NOTES:

1. THE SCHEMATIC LAYOUTS ARE BASED ON LIMITED FIELD SURVEY, AERIAL TOPOGRAPHY MAPS, AND ROW MAPS. NO ROW HAS BEEN SURVEYED. ADDITIONAL TOPOGRAPHY DATA WAS COLLECTED IN FEBRUARY 2025.
2. PARCEL, LINETS AND OWNERSHIP INFORMATION WERE COLLECTED FROM COLLIN COUNTY APPRAISAL DISTRICT (FEBRUARY 2025).
3. ALL CURBS ARE TYPE II (UNLESS NOTED). DIMENSIONS ARE TO EDGE OF UNCURBED PAVEMENT OR NORMAL FACE OF PAVED/CURBED/BARRIER (UNLESS NOTED).
4. SUPERELEVATION TRANSITIONS WERE NECESSARY ARE CLEAR WITH THE AXIS OF ROTATION LOCATED AT THE PGL.
5. THE SPECIFIC TYPE OF BRIDGE RAIL WILL BE DETERMINED DURING PS&E DESIGN.
6. CONVENTIONAL ROADWAY SIGNAGE (WALL SIGNS) WILL NOT BE DEVELOPED UNTIL PS&E DESIGN.
7. AVERAGE DAILY TRAFFIC VOLUME PROJECTIONS APPROVED BY TxDOT TPM7 APPROVAL.
8. MAJOR INTERSECTION CURVE RADII ARE 50', MINOR INTERSECTION CURVE RADII ARE 30' UNLESS OTHERWISE DETERMINED DURING PS&E DESIGN. ALL RADII LISTED NOTED OTHERWISE. DRIVEWAY CURVE RADII DETERMINED DURING PS&E WILL MEET TxDOT DESIGN GUIDELINES. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PS&E DESIGN.
9. MEDIAN OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL MEDIAN OPENINGS WILL BE DETERMINED DURING PS&E AND IN COORDINATION WITH THE LOCAL GOVERNMENTS.
10. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS OTHERWISE).
11. APPROXIMATELY 100 YEAR FLOOD PLAIN (LINETS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS (FIRM) 48085C0265J, 48085C0270J, 48085C0285J, 48085C0290J; DATED FEBRUARY 2020).
12. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
13. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE.

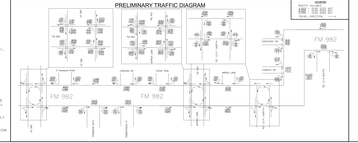
EXISTING TYPICAL SECTIONS

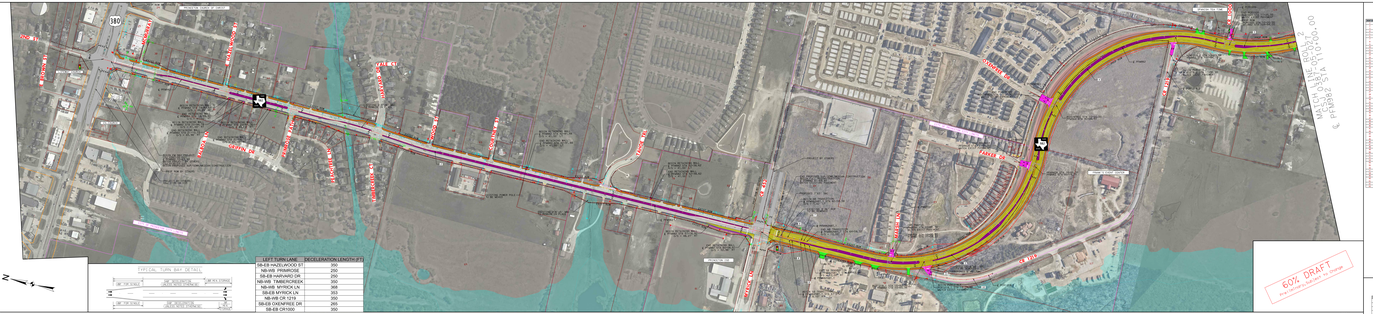


PROPOSED TYPICAL SECTIONS



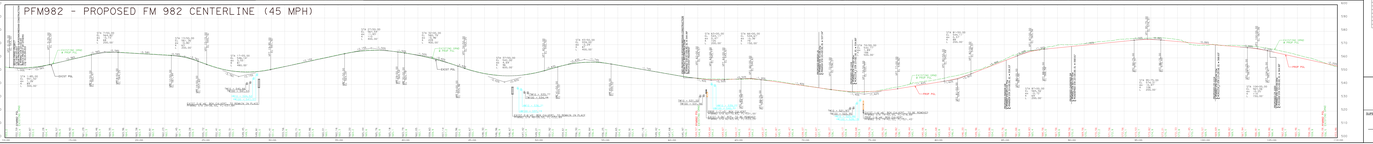
PRELIMINARY TRAFFIC DIAGRAM





LEFT TURN LANE	DECELERATION LENGTH (FT)
16-CR-PKW/LOCKS ST	300
NB-WB PRIMROSE	250
NB-WB TRAVELODGE	200
NB-WB TRAVELOCKSER	200
NB-WB WITRICK LN	300
SB-EB WITRICK LN	350
NB-WB CR 1210	200
SB-EB CR 1210/CR 921	200
SB-EB CR1920	200

PARTIAL TURN BAY DETAIL



PROPERTY OWNERS

PARCEL	OWNER
1	CITY OF PLANO
2	CITY OF PLANO
3	CITY OF PLANO
4	CITY OF PLANO
5	CITY OF PLANO