

TEXAS DEPARTMENT OF TRANSPORTATION

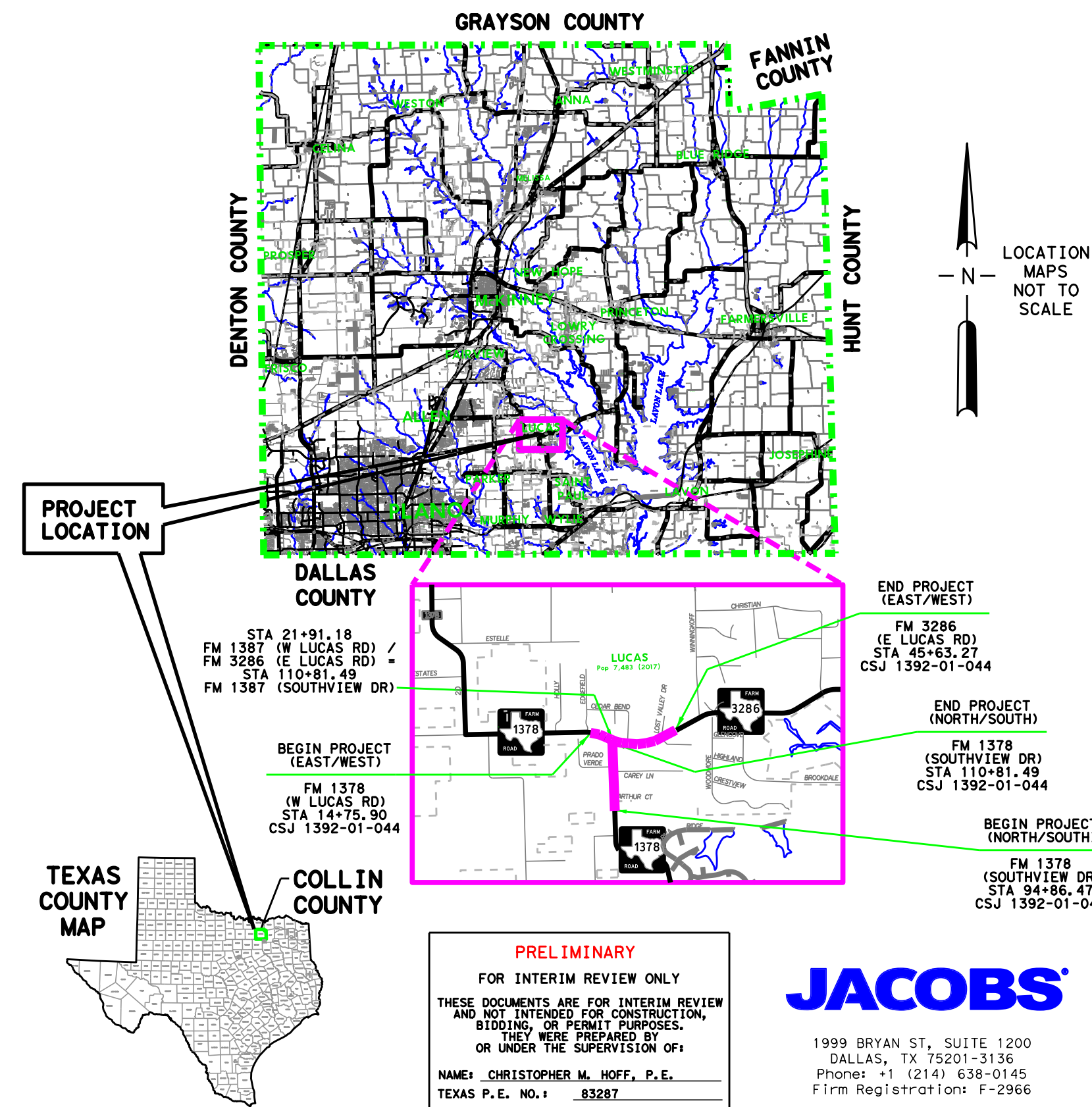
DALLAS DISTRICT
DESIGN SCHEMATIC
INTERSECTION IMPROVEMENTS
MOHAMED "MO" K. BUR, P.E., DISTRICT ENGINEER
COLLIN COUNTY / CITY OF LUCAS

FM 1378 (W Lucas Road & Southview Drive) at
FM 3286 (E Lucas Road) Intersection Improvement

CSJ: 1392-01-044

FUNCTIONAL CLASS: MINOR ARTERIAL
DESIGN SPEED (FM 1378) = 45 MPH
DESIGN SPEED (FM 3286) = 45 MPH

LUCAS RD LENGTH = 0.585 MILES (3,087.37 LF)
SOUTHVIEW DR LENGTH = 0.302 MILES (1,595.02 LF)
TOTAL PROJECT LENGTH = 0.887 MILES (4,682.39 LF)



JACOBS

1999 BRYAN ST., SUITE 1200
DALLAS, TX 75201-3136
Phone: +1 (214) 638-0145
Firm Registration F-2966

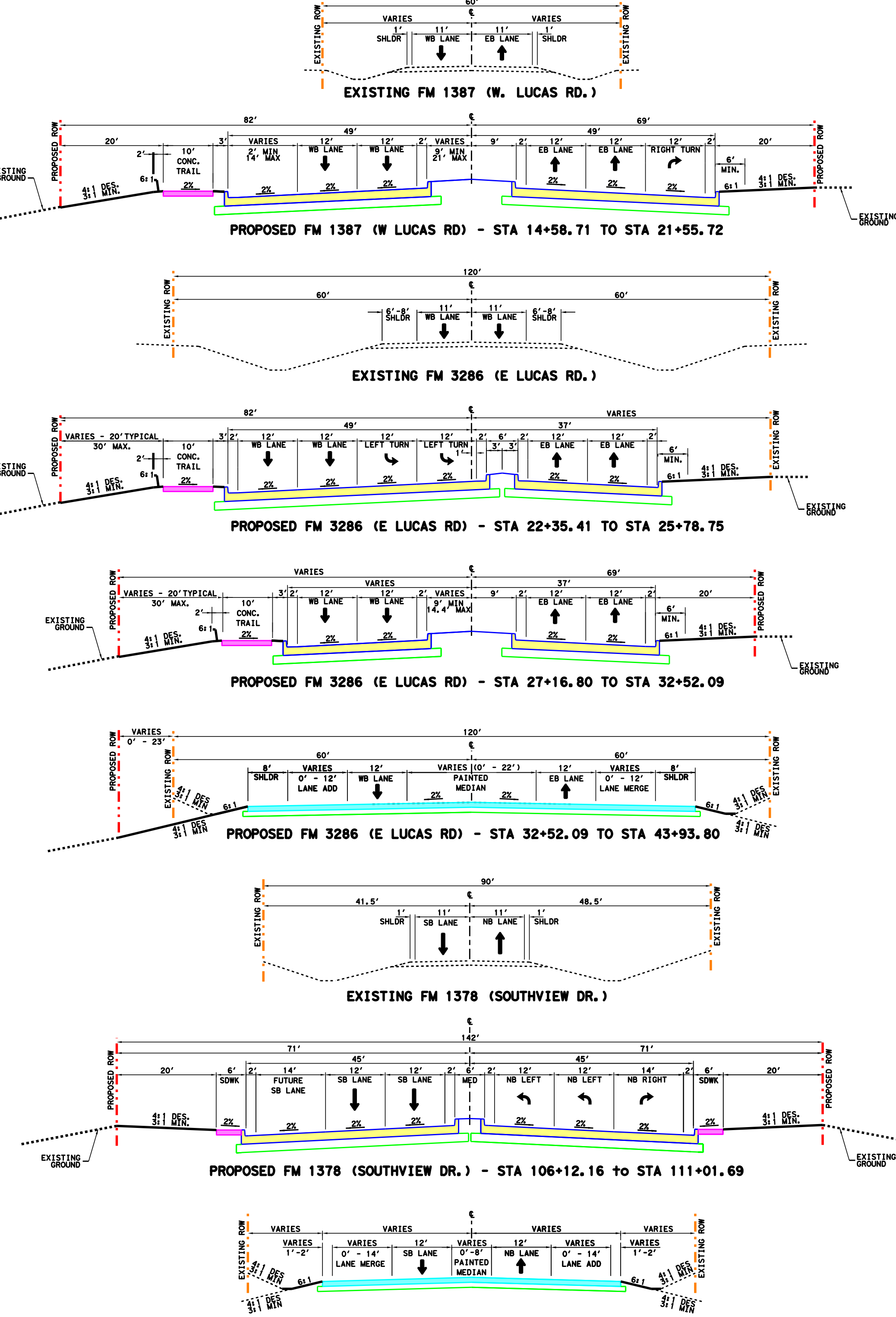
PRELIMINARY
FOR INTERIM REVIEW ONLY
THESE DOCUMENTS ARE FOR INTERIM REVIEW
AND NOT INTENDED FOR CONSTRUCTION.
BIDDING OR PERMIT PURPOSES.
OR UNDER ANY PRELIMINARY OR
PROPOSED TRAIL FACILITY. 14' OUTER LANES FOR
BICYCLE ACCOMMODATION ARE SHOWN FOR SOUTHVIEW DRIVE
WHERE THE CONCRETE PERMANENT CROSS SECTION IS PROPOSED.

NAME: CHRISTOPHER M. MOFF, P.E.
TEXAS P.E. NO. 1 83287
DATE: 8/2/2019

LEGEND

- PROPOSED ROW
- EXISTING ROW
- PROPOSED DRAINAGE EASEMENT
- PROPERTY LINES
- CENTERLINE/BASELINE
- FUTURE PROJECT BY OTHERS
- DIRECTION OF TRAVEL
- PROPOSED EDGE OF PAVEMENT
- PROPOSED PAVEMENT (CONCRETE W/CURBS)
- PROPOSED PAVEMENT (ASPHALT TRANSITION)
- PROPOSED DRIVEWAY
- PROPOSED SIDEWALK / TRAIL
- PROPOSED CULVERT
- EXISTING CULVERT
- PARCEL IDENTIFIER
- 100 YR. FLOODPLAIN
- TRAFFIC SIGNAL
- CROSSWALK

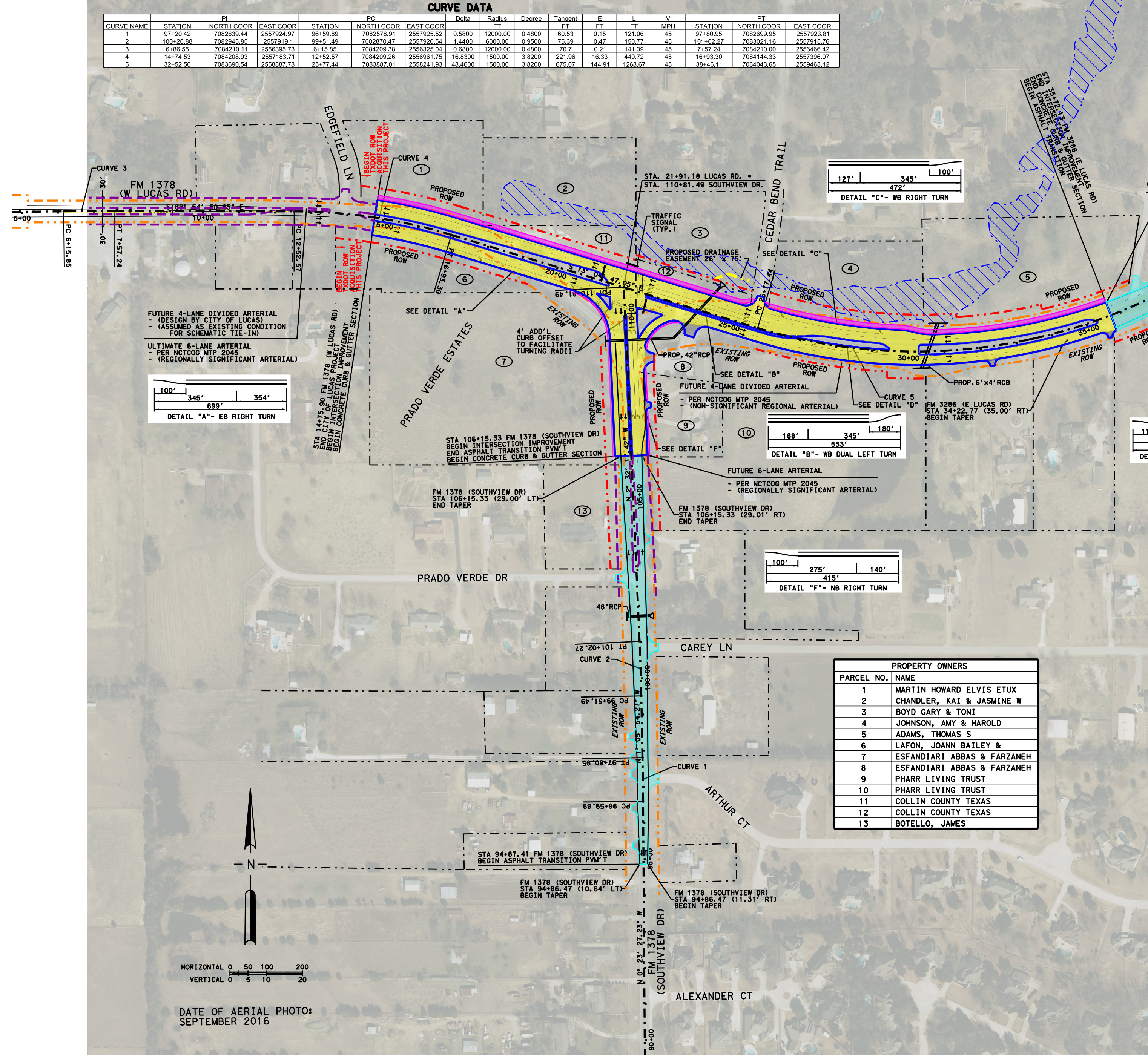
TYPICAL SECTIONS



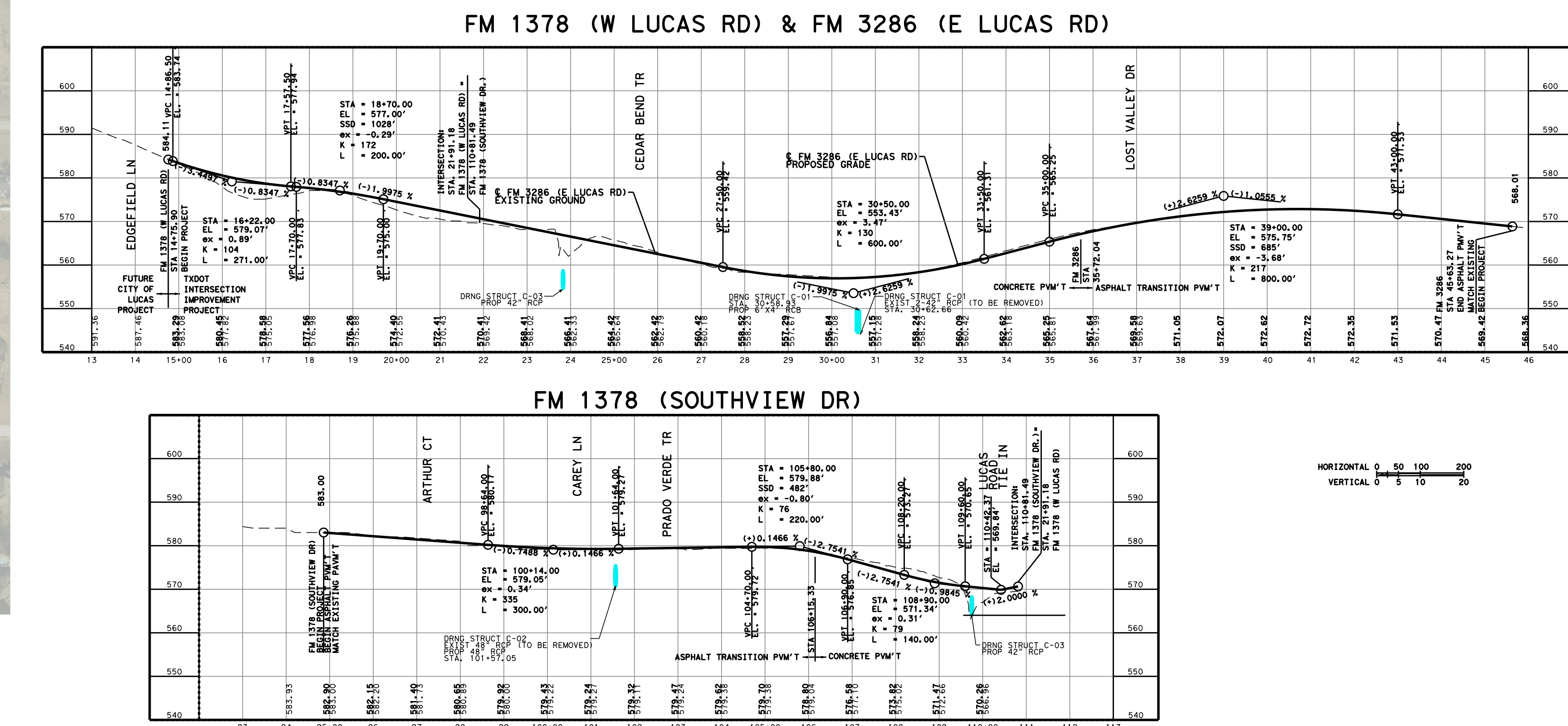
NOTES

- EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS.
- DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB UNLESS OTHERWISE NOTED.
- PROPERTY OWNERSHIP INFORMATION WAS OBTAINED FROM COLLIN COUNTY APPRAISAL DISTRICT APRIL 2019.
- EXISTING SUBSURFACE UTILITY INFORMATION (SUE) IS NOT SHOWN AT THIS TIME.
- ALL SIDEWALKS AND ACCESSIBLE RAMPS, IF SHOWN, ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED IN PS&E.
- CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
- CURBS ARE TY 11 UNLESS OTHERWISE NOTED.
- 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 AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
- PIPES CROSSING UNDERNEATH DRIVEWAYS ARE NOT SHOWN FOR CLARITY.
- EXISTING RIGHT-OF-WAY SHOWN ON SCHEMATIC IS PROVIDED BY OTHERS. EXISTING PROPERTY LINES SHOWN ARE BASED ON APPRAISAL DISTRICT INFORMATION, AND SHOULD BE CONSIDERED APPROXIMATE. ALL RIGHT-OF-WAY AND PROPERTY LINES TO BE FIELD SURVEYED DURING PS&E DESIGN PHASE.
- 14' OUTER LANES FOR BICYCLE ACCOMMODATION ARE NOT INCLUDED ON W LUCAS RD AND ON E LUCAS RD DUE TO THE PROPOSED 14' TRAIL FACILITY. 14' OUTER LANES FOR BICYCLE ACCOMMODATION ARE SHOWN FOR SOUTHVIEW DRIVE WHERE THE CONCRETE PERMANENT CROSS SECTION IS PROPOSED.
- MEDIAN OPENINGS, IF SHOWN, ARE PRELIMINARY AND SUBJECT TO CHANGE. MEDIAN OPENING LOCATIONS ARE TO BE DETERMINED DURING PS&E AND IN COORDINATION WITH LOCAL GOVERNMENT.

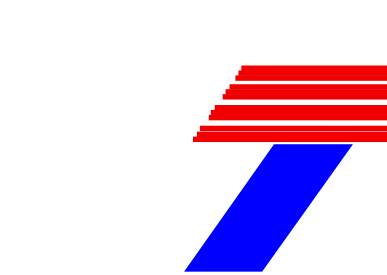
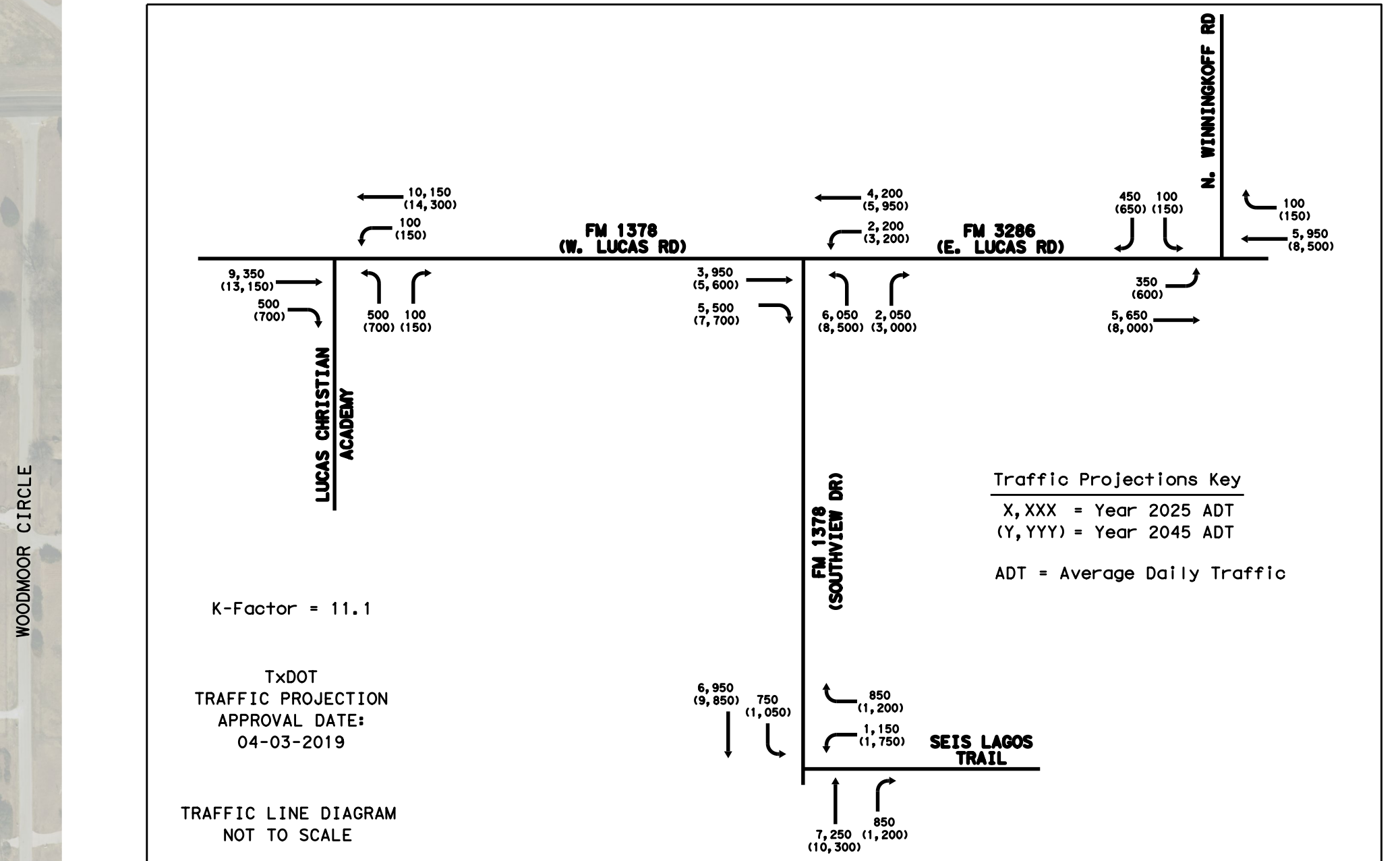
PLAN LAYOUT



VERTICAL PROFILES



TRAFFIC PROJECTIONS



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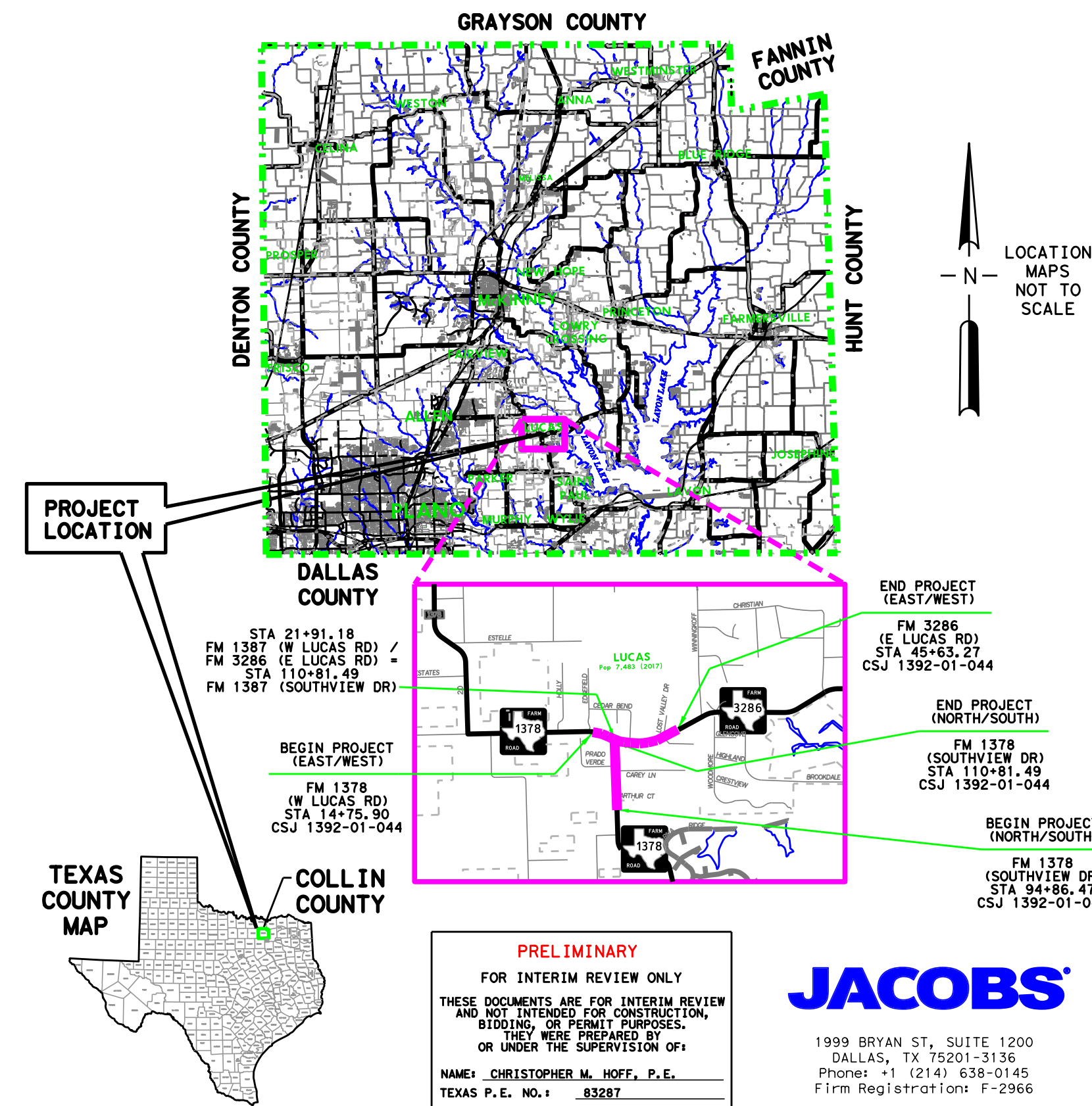
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