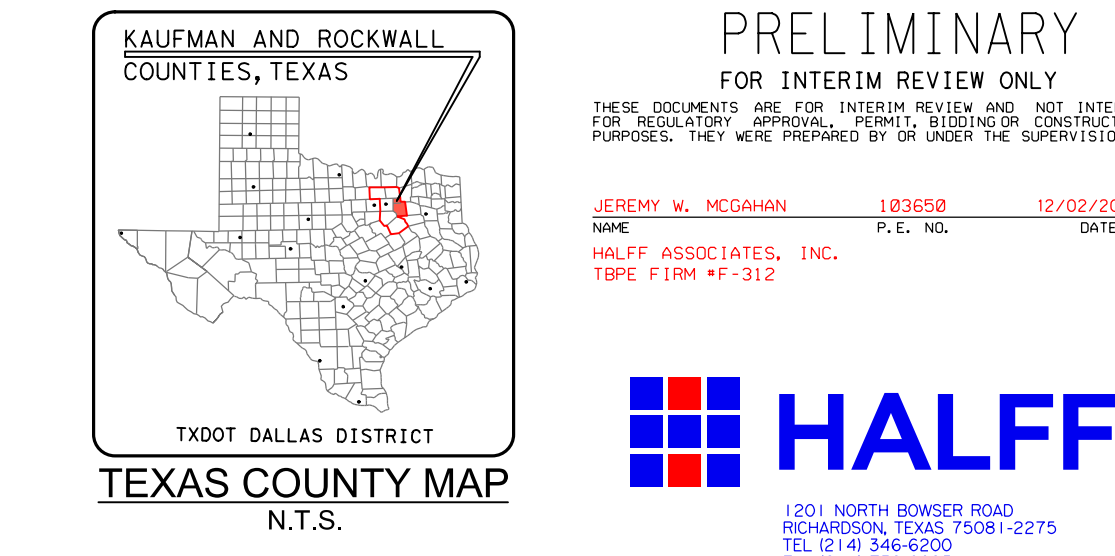
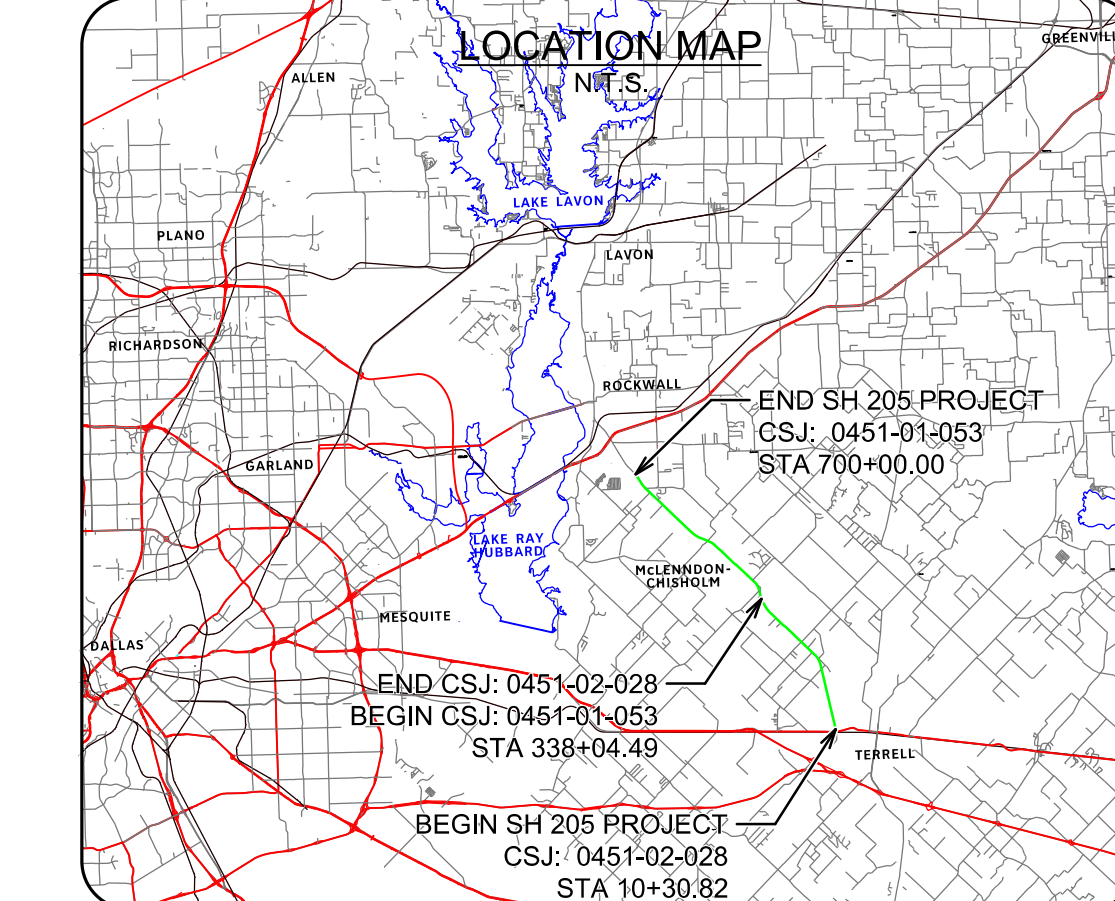


SH 205 DESIGN SCHEMATIC
FROM US 80 TO NORTH OF FM 549
KAUFMAN AND ROCKWALL
COUNTIES, TEXAS
CSJ'S: 0451-01-053, 0451-02-028

MARCH 2017
ROLL 1 OF 7

PROJECT LENGTH:	13.07 MILES
FUNCTIONAL CLASSIFICATION:	URBAN ARTERIAL
AVERAGE DAILY TRAFFIC:	33,100 (2014)
	53,200 (2034)
DESIGN SPEED:	45 MPH



VERTICAL SCALE: 

HORIZONTAL SCALE: 

DATE:

SUBMITTED:

DATE:

APPROVED:

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LEGEND:

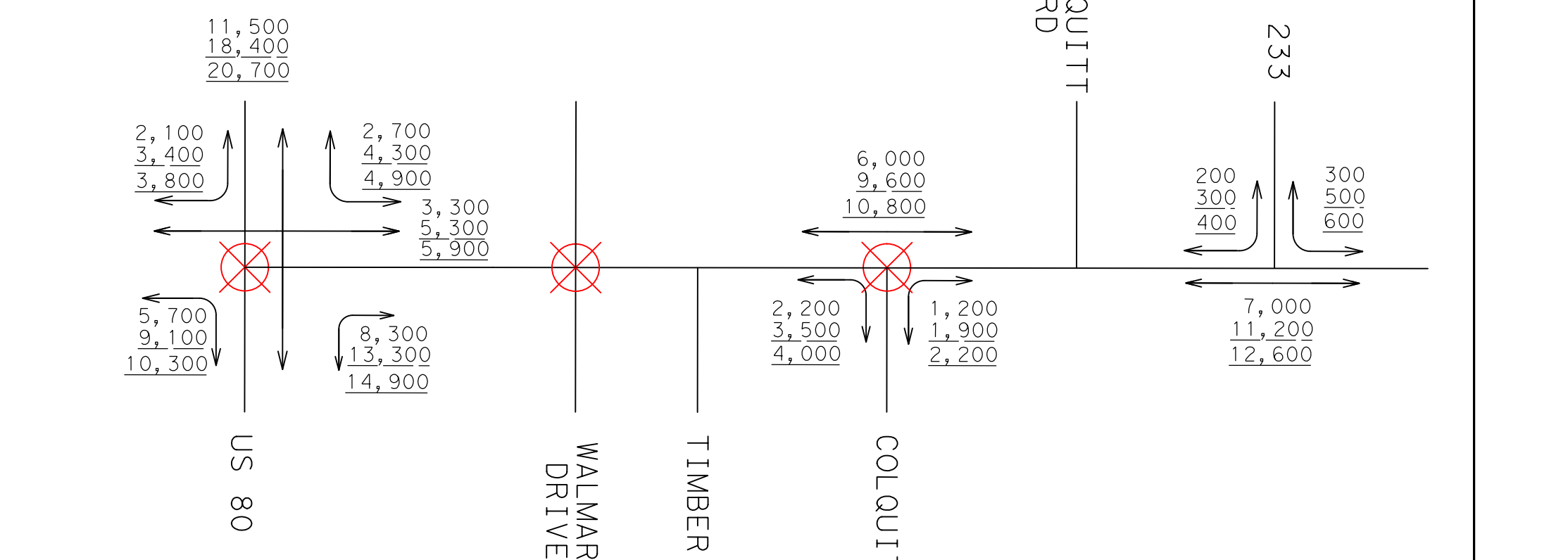
-  EXISTING ROW
-  EXISTING PROPERTY LINES
-  EXISTING SPT CONTOURS
-  EXISTING CURVE
-  PROPOSED CURVE
-  PROPOSED SH 205 BASELINE
-  PROPOSED CROSS STREET BASE
-  PROPOSED TRANSITION BASE
-  PROPOSED ROW
-  PROPOSED EASEMENT
-  PROPOSED EDGE OF PAVEMENT
-  PROPOSED BRIDGE RAIL
-  PROPOSED BRIDGE TRANSIT/ABUT
-  100 YR FLOODPLAIN LIMITS
-  FLOODWAY LIMITS
-  DIRECTION OF TRAVEL
-  FLOW ARROW
-  PROPOSED BRIDGE
-  PROPOSED PAVEMENT
-  PROPOSED SIDEWALK
-  POTENTIAL DISPLACEMENTS
-  EXISTING 10' OFFSET TO BE R
-  EXISTING WATER
-  EXISTING FIBER OPTIC
-  EXISTING TELEPHONE / CABLE
-  EXISTING ELECTRIC
-  EXISTING WASTEWATER
-  EXISTING GAS LINE
-  CURB RAMP

PMSIS-5 CURVES									
DATA	RADIUS	TANGENT	CURV	CORC BEARING	CORC LENGTH	P. C. STATION	P. C. STATION	BACK SIGHT	ANGULAR TANGENT
12 1' 30" 37.3 (A)	300.0	330.0	1	P 127 22 45.0 (A)	298.0	127+00.0	127+00.0	1 127 07 00" W	12 04 54" E
2 73 45.06 (A)	120.000	275.0	550.47	N 127 45 45.00" W	550.43	607+00.0	607+00.0	N 127 46 00" W	1 10 06 18" E
2 73 45.06 (A) (1)	120.000	275.0	550.65	N 127 45 45.00" W	550.60	607+00.0	715+00.0	N 127 46 00" W	1 12 04 18" E
CROSS STREET CURVES									
DATA	RADIUS	LENGTH	CURV	CORC BEARING	CORC LENGTH	P. C. STATION	P. C. STATION	BACK SIGHT	TANGENT
52 1' 31.55 (A) (1)	200.0	50.30	111.05	S 80 04 00" E	111.41	91+00.0	91+00.0	S 48 01 00" W	1 57 07 23" E
45 50 45.53 (A)	350.0	131.1	258.83	S 82 07 18" E	246.58	129+00.0	144+00.0	N 77 20 25" E	5 41 59 26" E
50 50 13.81 (A)	350.0	160.0	347.20	S 70 27 51" E	351.14	163+00.0	163+00.0	S 45 24 25" W	1 50 30 51" E
50 50 13.81 (A) (1)	350.0	160.0	347.20	S 70 27 51" E	351.14	163+00.0	217+00.0	S 45 24 25" W	1 50 30 51" E

	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AREAL TANGENT
1	1° 13' 50.09" (UT)	2,000.00	26.90	41.79	N 13° 10' 34.09" W	41.79	79+30.75	81+23.54	N 13° 54' 18.95" W	N 13° 58' 29.13" W
2	1° 10' 50.08" (PT)	2,000.00	26.90	41.79	N 13° 20' 34.09" W	41.79	81+58.16	82+00.06	N 13° 56' 29.13" W	N 12° 44' 23.04" W
3	1° 10' 58.63" (PT)	2,000.00	26.92	41.71	N 13° 08' 47.13" W	41.71	79+30.75	79+12.88	N 12° 44' 19.94" W	N 12° 55' 52.22" W
4	1° 13' 43.83" (UT)	2,000.00	26.87	41.73	N 12° 08' 47.13" W	41.73	81+58.32	82+00.06	N 12° 32' 55.22" W	N 12° 44' 23.04" W

MR

TRAFFIC DIAGRAM

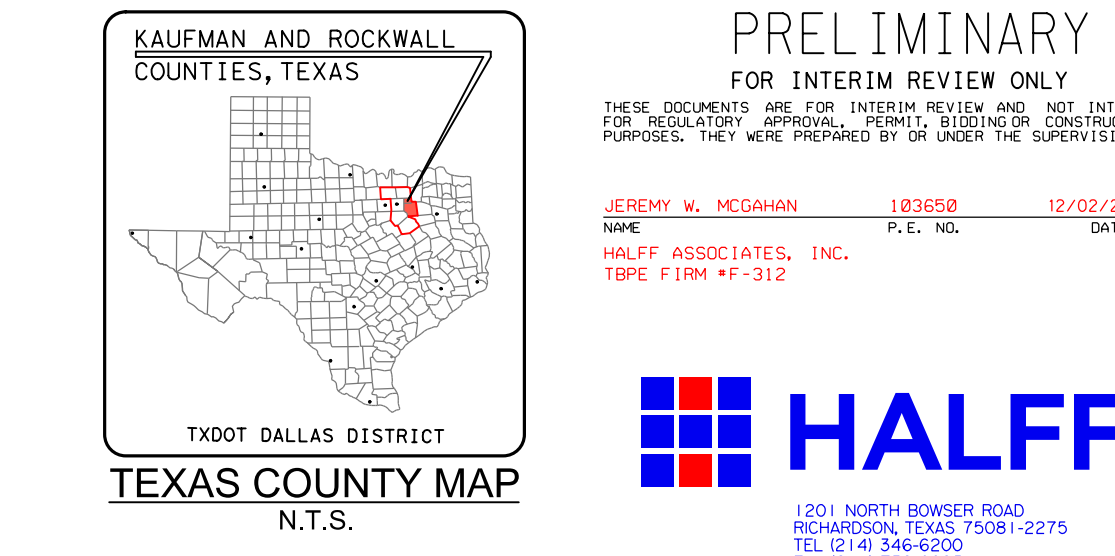
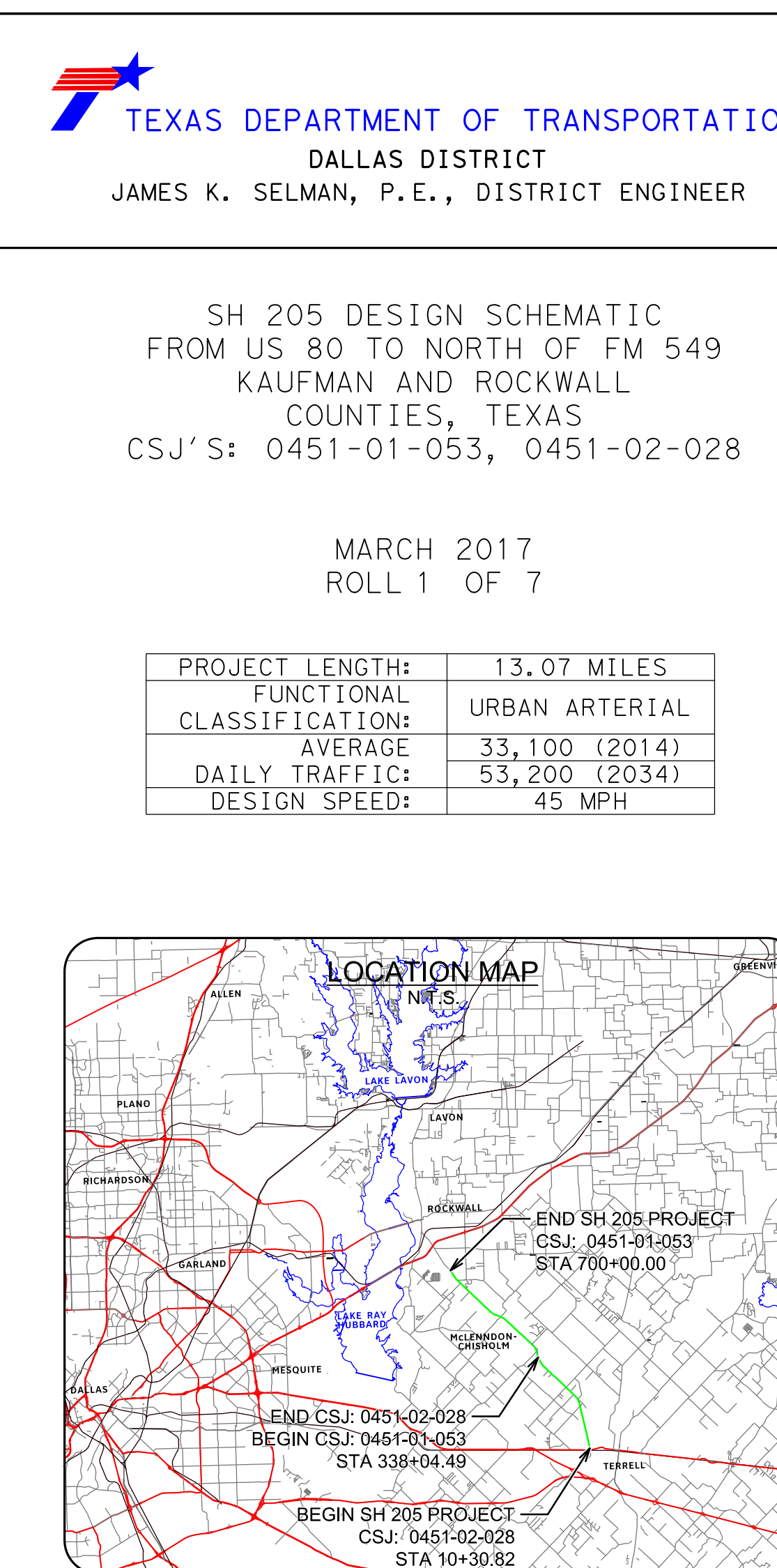
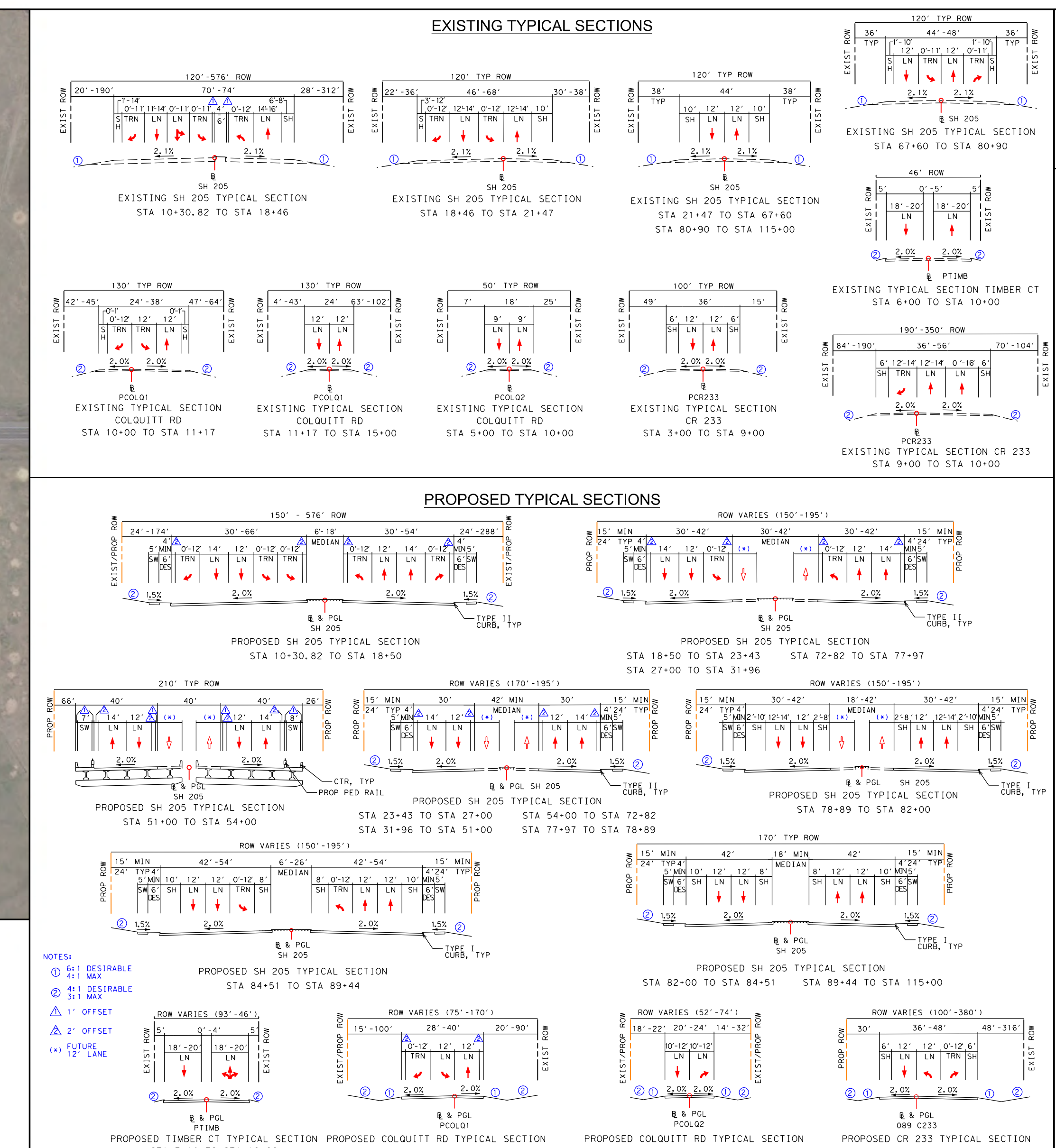
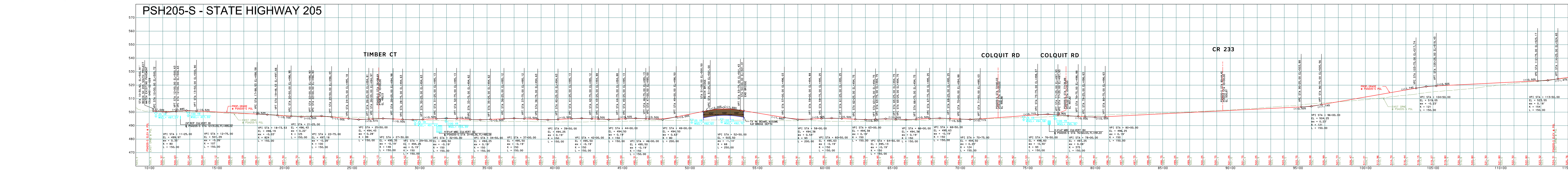
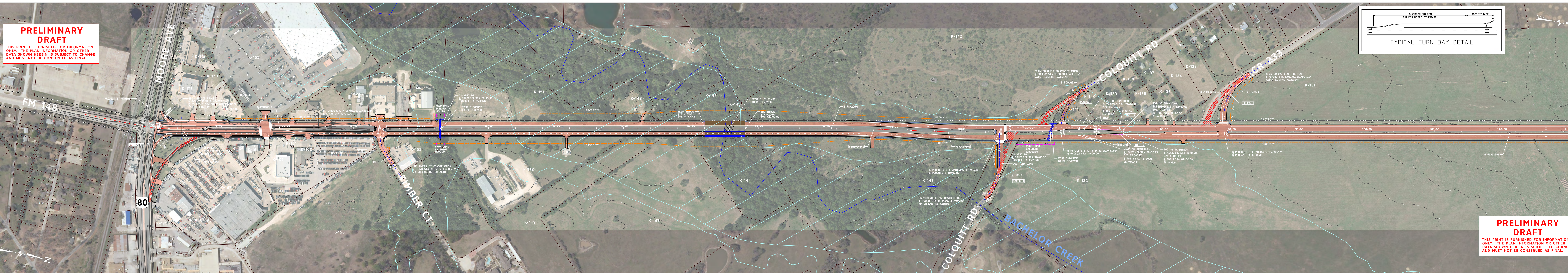
ROAD
ST

GENERAL NOTES:

1. THE SCHEMATIC LAYOUTS ARE BASED ON LIMITED FIELD SURVEY, AERIAL TOPOGRAPHY AND RECORD PLANS. NOT ALL OF THE SCHEMATIC LAYOUTS HAVE BEEN FIELD SURVEYED. AERIAL TOPOGRAPHY DATA WAS COLLECTED IN APRIL OF 2015.
2. PARCEL LINES AND OWNERSHIP INFORMATION WERE COLLECTED FROM THE KAUFMAN, MCKINLEY AND COLLIN COUNTIES APPRAISAL DISTRICTS IN JUNE 2015.
3. ALL CURBS ARE TYPE II UNLESS NOTED. DIMENSIONS ARE TO EDGE OF UNCURED PAVEMENT OR NOMINAL FACE OF RAIL/CURB/BARRIER UNLESS NOTED.
4. SUPERELEVATION TRANSITIONS ARE LINEAR WITH THE AXIS OF ROTATION LOCATED AT THE POL.
5. THE SPECIFIC TYPE OF BRIDGE RAIL WILL BE DETERMINED DURING PSE DESIGN.
6. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) WILL NOT BE DEVELOPED UNTIL PSE DESIGN.
7. AVERAGE DAILY TRAFFIC VOLUME PROJECTIONS DEVELOPED BY TxDOT TRIP (MARCH 2015).
8. MAJOR INTERSECTION CURVE RADIi ARE 30', MINOR INTERSECTION CURVE RADIi ARE 30', AND DRIVEWAY INTERSECTION CURVE RADIi ARE 15' (UNLESS NOTED OTHERWISE). OPENING LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSE DESIGN.
9. MEDIAN OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL MEDIAN OPENING LOCATIONS TO BE DETERMINED DURING PSE AND IN COORDINATION WITH THE LOCAL GOVERNMENTS.
10. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED CONSTRUCTION WILL BE REMOVED UNLESS OTHERWISE NOTED OTHERWISE.
11. APPROXIMATE 100 YEAR FLOOD PLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS DATED AUGUST 2015.
12. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATION PURPOSES ONLY.
13. CONSTRUCTION OF DRIVEWAYS OUTSIDE OF EXISTING AND PROPOSED RIGHT OF WAY SHALL REQUIRE CONSTRUCTION LICENSE AGREEMENT.

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VERTICAL SCALE: DATE
SUBMITTED:
0 100 200 300 400
HORIZONTAL SCALE: DATE
APPROVED:

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