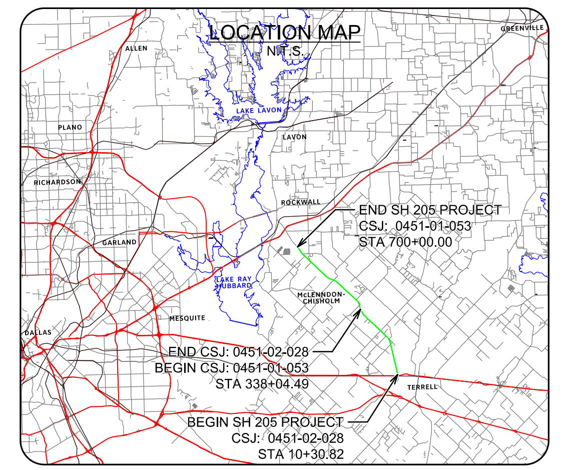
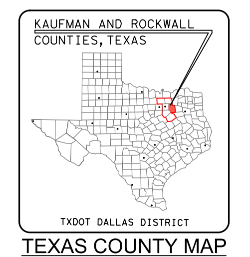
TEXAS DEPARTMENT OF TRANSPORTATION®
DALLAS DISTRICT
JAMES K. SELMAN, P.E., DISTRICT ENGINEER

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 5 OF 7

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





TEXAS COUNTY MAP
N.T.S.

PRELIMINARY

HALFF

VERTICAL SCALE
HORIZONTAL SCALE

DATE SUBMITTED:
DATE APPROVED:

LEGEND:

- EXISTING ROW
- EXISTING PROPERTY LIMITS
- EXISTING 5FT CONTOURS
- EXISTING CULVERT
- PROPOSED CULVERT
- PROPOSED SH 205 BASELINE
- PROPOSED CROSS STREET BASELINE
- PROPOSED TRANSITION BASELINE
- PROPOSED ROW
- PROPOSED EASEMENT
- PROPOSED EDGE OF PAVEMENT
- PROPOSED BRIDGE RAIL
- PROPOSED BRIDGE BENT/ABUTMENT
- 100 YR FLOODPLAIN LIMITS
- FLOODWAY LIMITS
- DIRECTION OF TRAVEL
- FLOW ARROW
- PROPOSED BRIDGE
- PROPOSED PAVEMENT
- PROPOSED SIDEWALK
- POTENTIAL DISPLACEMENTS
- PAVEMENT / BRIDGE TO BE REMOVED
- EXISTING WATER
- EXISTING FIBER OPTIC
- EXISTING TELEPHONE / CABLE
- EXISTING ELECTRIC
- EXISTING WASTEWATER
- EXISTING GAS LINE
- CURB RAMP

GENERAL NOTES:

1. THE SCHEMATIC LAYOUTS ARE BASED ON LIMITED FIELD SURVEY, AERIAL TOPOGRAPHY AND RECORD PLANS. NOT ALL EXISTING FEATURES WERE FIELD SURVEYED. AERIAL TOPOGRAPHY DATA WAS COLLECTED IN APRIL OF 2015.
2. PARCEL LIMITS AND OWNERSHIP INFORMATION WERE COLLECTED FROM THE KAUFMAN, ROCKWALL, AND COLLIN COUNTIES APPRAISAL DISTRICT (JUNE 2015).
3. ALL CURBS ARE TYPE II (UNLESS NOTED. DIMENSIONS ARE TO EDGE OF UNCURBED PAVEMENT OR NOMINAL FACE OF RAIL/CURB/BARRIER (UNLESS NOTED).
4. SUPERELEVATION TRANSITIONS ARE LINEAR 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 (SMALL SIGNS) WILL NOT BE DEVELOPED UNTIL PS&E DESIGN.
7. AVERAGE DAILY TRAFFIC VOLUME PROJECTIONS DEVELOPED BY TXDOT TP&P (MARCH 2015).
8. MAJOR INTERSECTION CURVE RADII ARE 50', MINOR INTERSECTION CURVE RADII ARE 30', AND DRIVEWAY INTERSECTION CURVE RADII ARE 15' (UNLESS NOTED OTHERWISE). DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PS&E DESIGN.
9. MEDIAN OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL MEDIAN OPENING LOCATIONS TO 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 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 INFORMATIONAL PURPOSES ONLY.
13. CONSTRUCTION OF DRIVEWAYS OUTSIDE OF EXISTING AND PROPOSED RIGHT OF WAY SHALL REQUIRE CONSTRUCTION LICENSE AGREEMENT.

CURVE DATA

PSH205-S CURVES

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
PSH205-S-18	455+71.86	N 6,995,903.7821	E 2,622,044.1849	5° 29' 24.51" (RT)	12,000.00	575.37	1149.85	N 43° 59' 09.46" W	1149.41	449+96.49	461+46.34	N 46° 43' 51.71" W	N 41° 14' 27.20" W
PSH205-S-19	465+79.94	N 6,996,662.4635	E 2,621,379.0525	4° 08' 19.33" (LT)	12,000.00	433.59	866.81	N 43° 18' 36.87" W	866.62	461+46.34	470+13.15	N 41° 14' 27.20" W	N 45° 22' 46.54" W
PSH205-S-20	484+35.93	N 6,997,966.3912	E 2,620,057.7319	4° 32' 13.97" (LT)	12,000.00	475.38	950.27	N 47° 38' 53.52" W	950.02	479+60.55	489+10.82	N 45° 22' 46.54" W	N 49° 55' 00.51" W
PSH205-S-21	502+53.40	N 6,999,136.9774	E 2,618,666.7881	16° 58' 59.54" (LT)	5,000.00	746.51	1482.06	N 58° 24' 30.28" W	1476.64	495+06.89	509+88.96	N 49° 55' 00.51" W	N 66° 54' 00.05" W
PSH205-S-22	537+65.14	N 7,000,519.0596	E 2,615,426.5395	21° 11' 25.49" (RT)	3,400.00	636.00	1257.46	N 56° 18' 17.30" W	1250.31	531+29.14	543+86.61	N 66° 54' 00.05" W	N 45° 42' 34.56" W

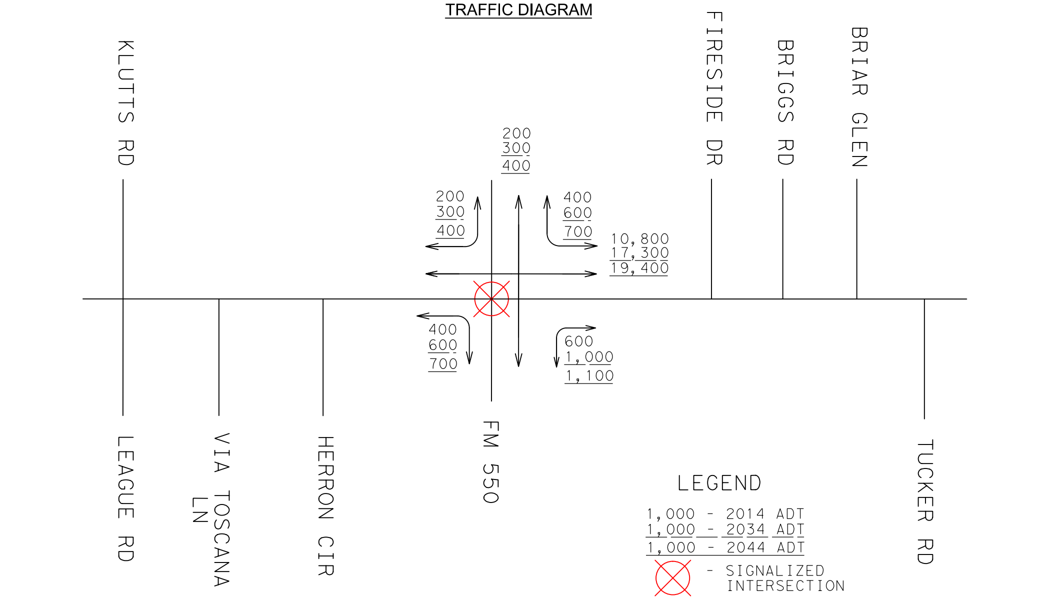
CROSS STREET CURVES

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
PKLUT-1	7+67.04	N 6,995,300.4978	E 2,622,347.4622	12° 54' 08.13" (LT)	510.00	57.67	114.85	N 37° 43' 36.02" E	114.60	7+09.38	8+24.22	N 44° 10' 40.09" E	N 31° 16' 31.95" E
PKLUT-2	8+74.77	N 6,995,392.9905	E 2,622,403.6445	11° 19' 17.81" (RT)	510.00	50.55	100.78	N 36° 56' 10.85" E	100.61	8+24.22	9+25.00	N 31° 16' 31.95" E	N 42° 35' 49.76" E
PVIAE-2	8+39.10	N 6,998,066.1562	E 2,620,174.2758	27° 58' 36.66" (RT)	200.00	49.82	97.66	S 37° 35' 28.42" W	96.69	7+89.27	8+86.93	S 23° 36' 10.10" W	S 51° 34' 46.75" W
PVIAE-3	9+41.61	N 6,998,001.2139	E 2,620,092.3987	9° 13' 03.33" (LT)	333.00	26.84	53.57	S 46° 58' 15.09" W	53.51	9+14.77	9+68.34	S 51° 34' 46.75" W	S 42° 21' 43.43" W
PVIAW-2	8+34.73	N 6,998,125.1360	E 2,620,117.5999	30° 12' 05.43" (LT)	200.00	53.97	105.42	S 50° 56' 01.99" W	104.21	7+80.76	8+86.18	S 66° 02' 04.71" W	S 35° 49' 59.28" W
PVIAW-3	9+32.88	N 6,998,043.5246	E 2,620,058.6681	6° 16' 30.81" (RT)	333.00	18.25	36.47	S 38° 58' 14.69" W	36.45	9+14.63	9+51.10	S 35° 49' 59.28" W	S 42° 06' 30.09" W
PHERR-1	9+61.58	N 6,998,295.5240	E 2,619,726.3557	4° 13' 41.37" (LT)	1,040.00	38.39	76.75	S 42° 14' 40.09" W	76.73	9+23.19	9+99.94	S 44° 21' 30.77" W	S 40° 07' 49.40" W
PFM550-1	13+86.29	N 6,999,682.0971	E 2,618,299.9804	1° 54' 53.33" (LT)	18,000.00	300.81	601.56	N 44° 18' 20.65" E	601.53	10+85.48	16+87.04	N 45° 15' 47.32" E	N 43° 20' 53.99" E
PBRIG-1	8+73.98	N 7,000,268.9265	E 2,615,693.2650	59° 31' 33.26" (RT)	110.00	62.90	114.28	N 1° 55' 11.01" W	109.21	8+11.07	9+25.36	N 31° 40' 57.64" W	N 27° 50' 35.62" E
PBRIA-1	9+24.64	N 7,000,530.5197	E 2,615,379.7808	10° 32' 09.72" (LT)	600.00	55.32	110.33	N 39° 30' 30.78" E	110.18	8+69.32	9+79.65	N 44° 46' 35.64" E	N 34° 14' 25.93" E
PTUCK-1	10+19.85	N 7,001,202.7865	E 2,614,754.0930	11° 20' 14.16" (LT)	200.00	19.85	39.57	N 38° 41' 18.82" E	39.51	10+00.00	10+39.57	N 44° 21' 25.90" E	N 33° 01' 11.74" E
PTUCK-2	10+59.34	N 7,001,236.0051	E 2,614,775.6818	11° 17' 17.33" (RT)	200.00	19.77	39.40	N 38° 39' 50.41" E	39.34	10+39.57	10+78.98	N 33° 01' 11.74" E	N 44° 18' 29.07" E

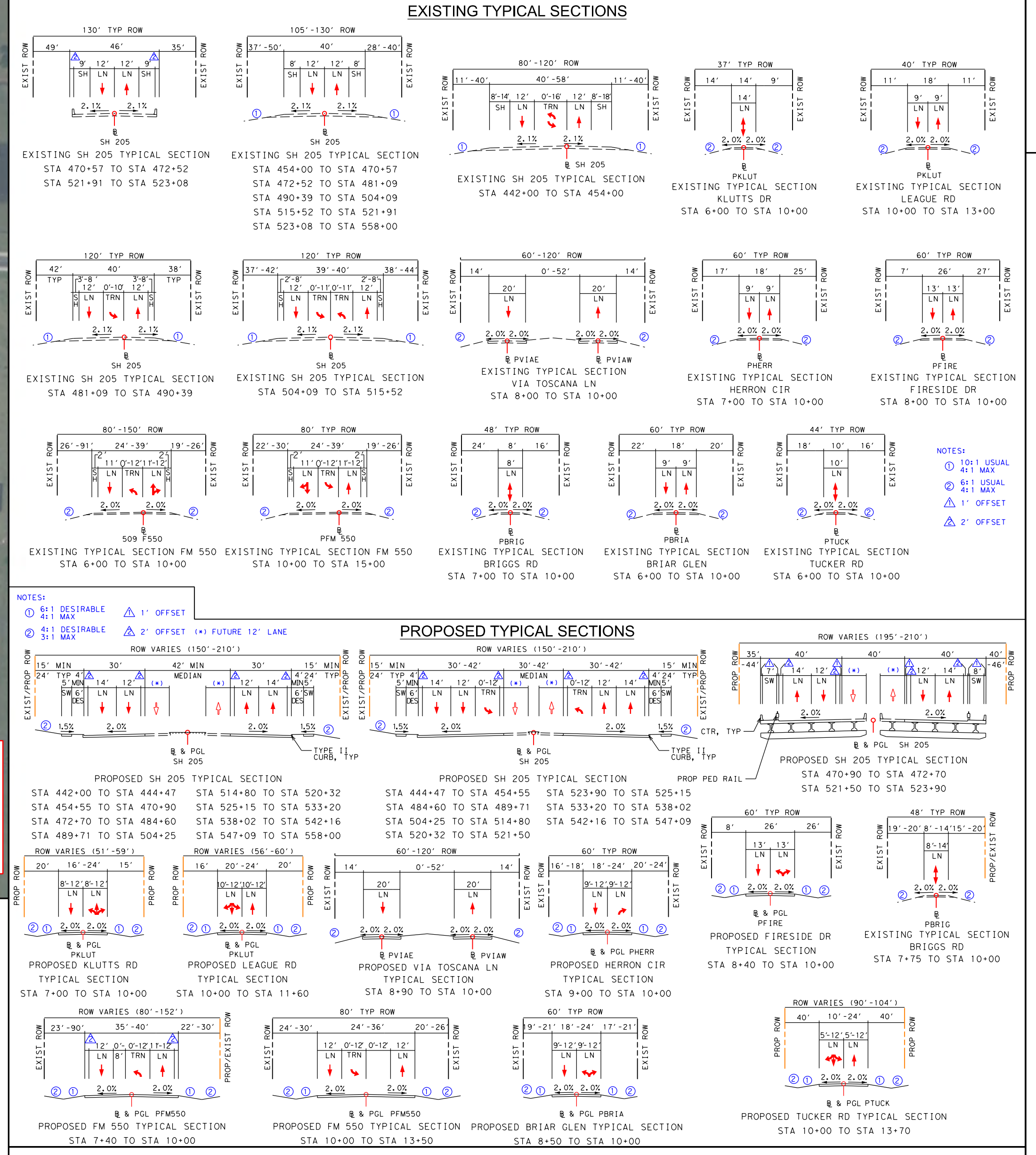
SUPERELEVATION DATA

SB			
BEGIN TRANSITION		END TRANSITION	
STA	e	STA	e
534+23.00	2.00%	537+86.00	-2.00%
547+64.00	-2.00%	551+27.00	2.00%

TRAFFIC DIAGRAM



EXISTING TYPICAL SECTIONS
PROPOSED TYPICAL SECTIONS



PARCEL DATA

Parcel ID	Owner's Name	Parcel Address
R-472	HARRIS LINDA CAROL &	FM550
R-473	SMITH CLAYTON C	1001 HWY205
R-478	TAYLOR LARRY	1007 HWY205
R-479	HARRISON EDWIN D & SALLY E	190 TUCKER RD
R-480	HARRISON EDWIN D & SALLY E	190 TUCKER RD
R-481	ACAR FERIT	1050 HWY205
R-482	DAY DAVID W & KELLY A	211 TUCKER RD
R-483	NESBIT RANDAL F	950 HWY205
R-484	ACAR AYSE NUR	HWY205
R-485	WILSON GARY ETUX	771 HWY205
R-486	NESBIT RANDAL F	950 HWY205
R-487	KINCHELOE EDDYE D	840 HWY205
R-488	KINCHELOE EDDYE D	840 HWY205
R-489	DAVIS RANDY CHARLES	691 HWY205
R-490	ANDERSON DARALENE	780 S HWY205
R-491	LINDOP DWIGHT	561 HWY205
R-492	BOSTICK RODNEY C	720 HWY205
R-494	CASEBOLT VIVIAN ILENE	110 BRIAR GLEN LN
R-495	KINCHELOE EDDYE DREYER	836 HWY205
R-494	CASEBOLT VIVIAN ILENE	110 BRIAR GLEN LN
R-496	BRIGGS ROAD LLC	590 BRIGGS RD
R-497	MARIAH BAY DEVELOPMENT INC	FM550
R-500	TO BE DETERMINED	TBD
R-502	YANEZ ARMANDO AND LUZ E	137 N HWY205
R-503	CHISHOLM CROSSING HOMEOWNERS ASSOCIATION INC	FIRESIDE DR

Parcel ID	Owner's Name	Parcel Address
R-504	JK WEBB PROPERTIES LLC	1 FIRESIDE DR
R-505	MARIAH BAY DEVELOPMENT INC	
R-506	SIPRIANO KACEE AND MALCOLM	3 FIRESIDE DR
R-507	DUDLEY VICKI LOUISE	411 HWY205
R-508	GONZALES RICARDO A	4 FIRESIDE DR
R-509	HEDGES KEVIN S & LESLEY L	271 HWY205
R-510	GROUP PACIFIC HOLDINGS LLC	120 N HWY205
R-511	HOLT V R & BETTY REV LIVING TRUST	141 S HWY205
R-512	MARIAH BAY DEVELOPMENT INC	FM550
R-513	PATMAN ROBERT	291 HWY205
R-514	MC 550 INVESTORS LP	VIA TOSCANA LN
R-515	U S MACHINERY PARTS SALES INC	311 HWY205
R-516	BROOKSHIRE GROCERY CO	TBD
R-517	MIL/WAY INVESTORS LLC	HWY205
R-518	MC 550 LAND HOLDINGS LP	EDWARDS RD
R-519	COMPTON RODERICK	120 HERRON CIR
R-520	COOK RANDAL AND REBEKAH	529 S HWY205
R-521	MC 550 INVESTORS LP	1118 VIA TOSCANA LN
R-522	MC 550 INVESTORS LP	VIA TOSCANA LN
R-523	MCCLENDON CHISHOLM COMMERCIAL HOLDINGS INC	HWY205
R-524	MC 550 LAND HOLDINGS LP	EDWARDS RD
R-525	DOIGG STANLEY DAVID ET UX	S HWY205
R-526	HALPAIN FAMILY PARTNERSHIP LTD	851 HWY205
R-528	BECLAND FAMILY IR TR	260 LEAGUE RD
R-529	HATFIELD STEVEN B ET UX	1081 S HWY205

Parcel ID	Owner's Name	Parcel Address
R-530	KWA VENTURES LP	HWY205
R-531	LOVELL GARY W	LEAGUE RD
R-532	LEMMOND SUSAN G & BRENT AND	1171 HWY205
R-533	ROCKWALL ISD	TBD
R-534	267 RANCH LLC	1211 HWY205
R-535	STORY S E	HWY205
R-536	T R RICHMOND LTD	1251 HWY205
R-538	LEMMOND BRENTON & KIMBERLY	1271 HWY205
R-539	WAYCO DEVELOPMENT INC	HWY205
R-540	DEWBERRY NICKOLETTR ROBY	1291 HWY205
R-541	LEACH GEORGE & PATRICIA	1301 S HWY205
R-542	CITY OF MCLENDON-CHISHOLM	HWY205
R-543	GOODE MICHAEL & CYNTHIA	1313 S HWY205
R-544	BEDSOLE THEODORE H & CATHY A	HWY205
R-547	LATHAM ROBERT LEE & JANE ELLEN	1300 S HWY205
R-550	LATHAM ROBERT LEE & JANE ELLEN	HWY205
R-554	LOVELL PHILIP DON	1623 HWY205
R-555	LOVELL DONALD O	1621 HWY205
R-556	CHISHOLM BAPTIST CHURCH	1388 HWY205

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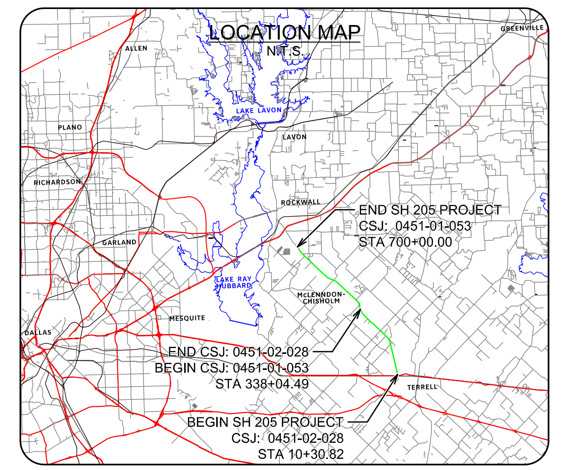

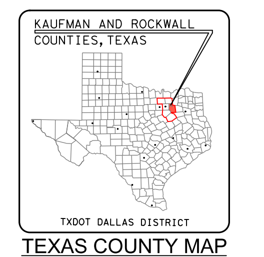

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