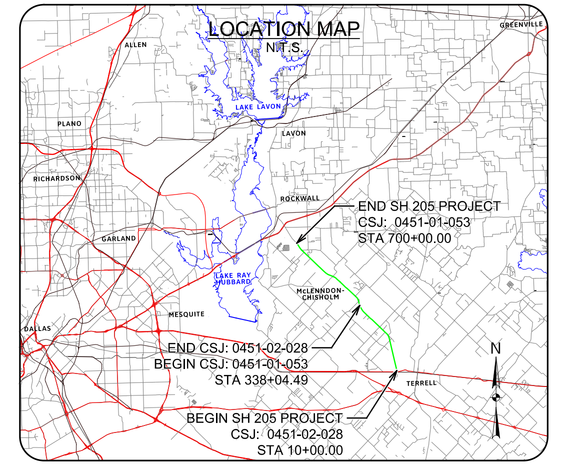
TEXAS DEPARTMENT OF TRANSPORTATION®
DALLAS DISTRICT
MOHAMED K. BUR, P.E., DISTRICT ENGINEER

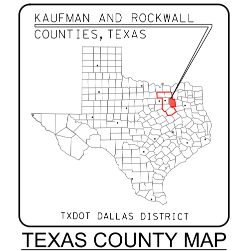
SH 205 DESIGN SCHEMATIC
FROM US 80 TO JCT SH 205/JOHN KING (S GOLIAD ST)
KAUFMAN AND ROCKWALL COUNTIES, TEXAS
CSJ'S: 0451-01-053, 0451-02-028

APPROVED SCHEMATIC JULY 3, 2018

JULY 2018
ROLL 1 OF 9

PROJECT LENGTH:	13.07 MILES
FUNCTIONAL CLASSIFICATION:	PRINCIPAL ARTERIAL
AVERAGE DAILY TRAFFIC:	33,100 (2014) 53,200 (2034)
DESIGN SPEEDS:	
SH 205:	45 MPH
CROSS STREETS:	30 MPH





TEXAS COUNTY MAP
N.T.S.

VERTICAL SCALE: 0 10 20 30 40
HORIZONTAL SCALE: 0 100 200 300 400

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:
JEREMY W. MCGAHAN 103650 07/03/2018
NAME P.E. NO. DATE
HALFF ASSOCIATES, INC.
TBPE FIRM #F-312

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081-2275
TEL (214) 346-6200
FAX (214) 739-0095

DATE SUBMITTED: JULY 3, 2018
DATE APPROVED: JULY 3, 2018

© 2018 by Texas Department of Transportation all rights reserved

LEGEND:
- EXISTING ROW
- EXISTING PROPERTY LIMITS
- EXISTING 5FT CONTOURS
- EXISTING CULVERT
- PROPOSED CULVERT
- PROPOSED BASELINE
- PROPOSED CROSS STREET 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
- EXISTING BRIDGE
- PROPOSED PROJECT BY OTHERS
- 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

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-1	10+36.97	N 6,959,230.5044	E 2,644,370.6655	11° 26' 28.13" (LT)	1,100.00	110.19	219.65	N 7° 01' 22.01" W	219.29	9+26.78	11+46.43	N 1° 18' 07.94" W	N 12° 44' 36.08" W
PSH205-S-2	63+52.69	N 6,964,415.9966	E 2,643,197.9406	2° 37' 41.96" (RT)	12,000.00	275.29	550.47	N 11° 25' 45.10" W	550.43	60+77.40	66+27.88	N 12° 44' 36.08" W	N 10° 06' 54.11" W
PSH205-S-3	69+03.25	N 6,964,958.0953	E 2,643,101.2314	2° 37' 44.93" (LT)	12,000.00	275.37	550.65	N 11° 25' 46.58" W	550.60	66+27.88	71+78.52	N 10° 06' 54.11" W	N 12° 44' 39.04" 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
PTIMB-1	8+83.07	N 6,960,878.5215	E 2,644,121.2000	32° 57' 15.54" (RT)	200.00	59.16	115.03	S 60° 46' 46.16" W	113.45	8+23.92	9+38.95	S 44° 18' 08.39" W	S 77° 15' 23.92" W
PCOLQ1-1	13+70.29	N 6,965,409.3298	E 2,643,378.8225	41° 04' 40.53" (RT)	350.00	131.13	250.93	S 82° 12' 18.78" E	245.59	12+39.16	14+90.09	N 77° 15' 20.96" E	S 61° 39' 58.51" E
PCOLQ2-1	8+86.34	N 6,965,622.5561	E 2,642,825.1136	48° 00' 43.28" (LT)	200.00	89.07	167.59	S 69° 54' 46.82" E	162.73	7+97.27	9+64.86	S 45° 54' 25.18" E	N 86° 04' 51.54" E
PCR233-1	7+24.04	N 6,966,881.3066	E 2,642,351.1441	56° 43' 54.24" (LT)	350.00	188.97	346.55	S 74° 22' 41.93" E	332.57	5+35.07	8+81.62	S 46° 00' 44.81" E	N 77° 15' 20.96" E

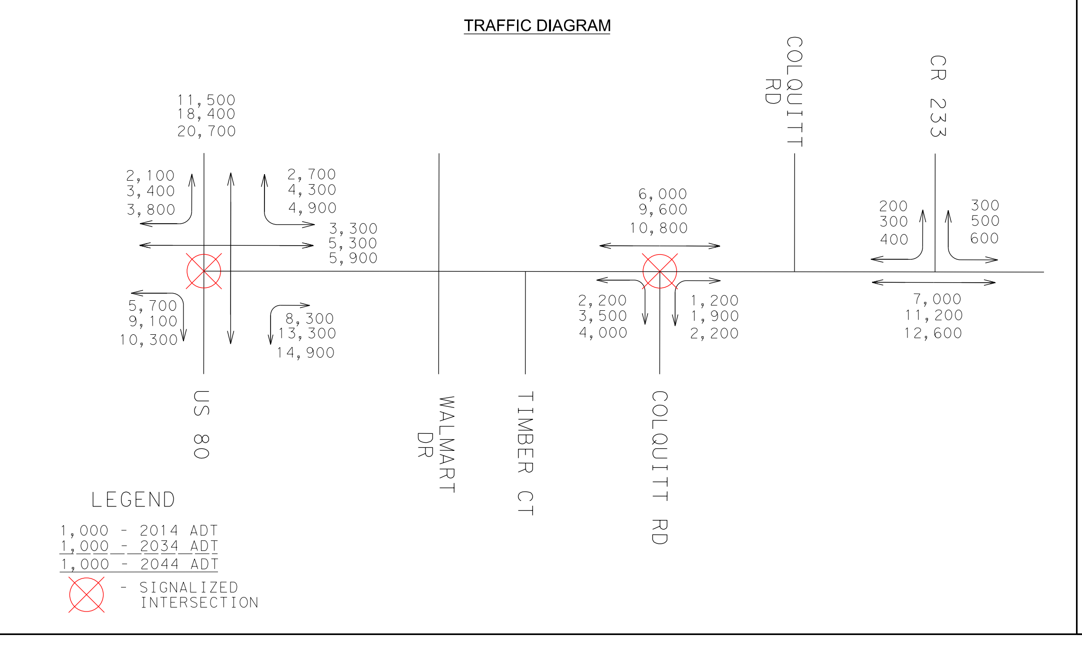
TRANSITION CURVES

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
TNB-1-1	78+91.65	N 6,965,927.3177	E 2,642,905.6109	1° 11' 50.09" (LT)	2,000.00	20.90	41.79	N 13° 20' 34.09" W	41.79	78+70.75	79+12.54	N 12° 44' 39.04" W	N 13° 56' 29.13" W
TNB-1-2	81+79.16	N 6,966,206.3639	E 2,642,836.3398	1° 11' 50.09" (RT)	2,000.00	20.90	41.79	N 13° 20' 34.09" W	41.79	81+58.26	82+00.06	N 13° 56' 29.13" W	N 12° 44' 39.04" W
TSB-1-1	78+91.62	N 6,965,917.1389	E 2,642,860.7435	1° 11' 43.83" (RT)	2,000.00	20.87	41.73	N 12° 08' 47.13" W	41.73	78+70.75	79+12.48	N 12° 44' 39.04" W	N 11° 32' 55.22" W
TSB-1-2	81+79.19	N 6,966,198.8932	E 2,642,803.1707	1° 11' 43.83" (LT)	2,000.00	20.87	41.73	N 12° 08' 47.13" W	41.73	81+58.32	82+00.06	N 11° 32' 55.22" W	N 12° 44' 39.04" W

SUPERELEVATION DATA

NB			
BEGIN TRANSITION		END TRANSITION	
STA	e	STA	e
20+23.00	-2.00%	23+86.00	2.00%
27+64.00	2.00%	31+27.00	-2.00%

SUPERELEVATION SIGN DIAGRAM



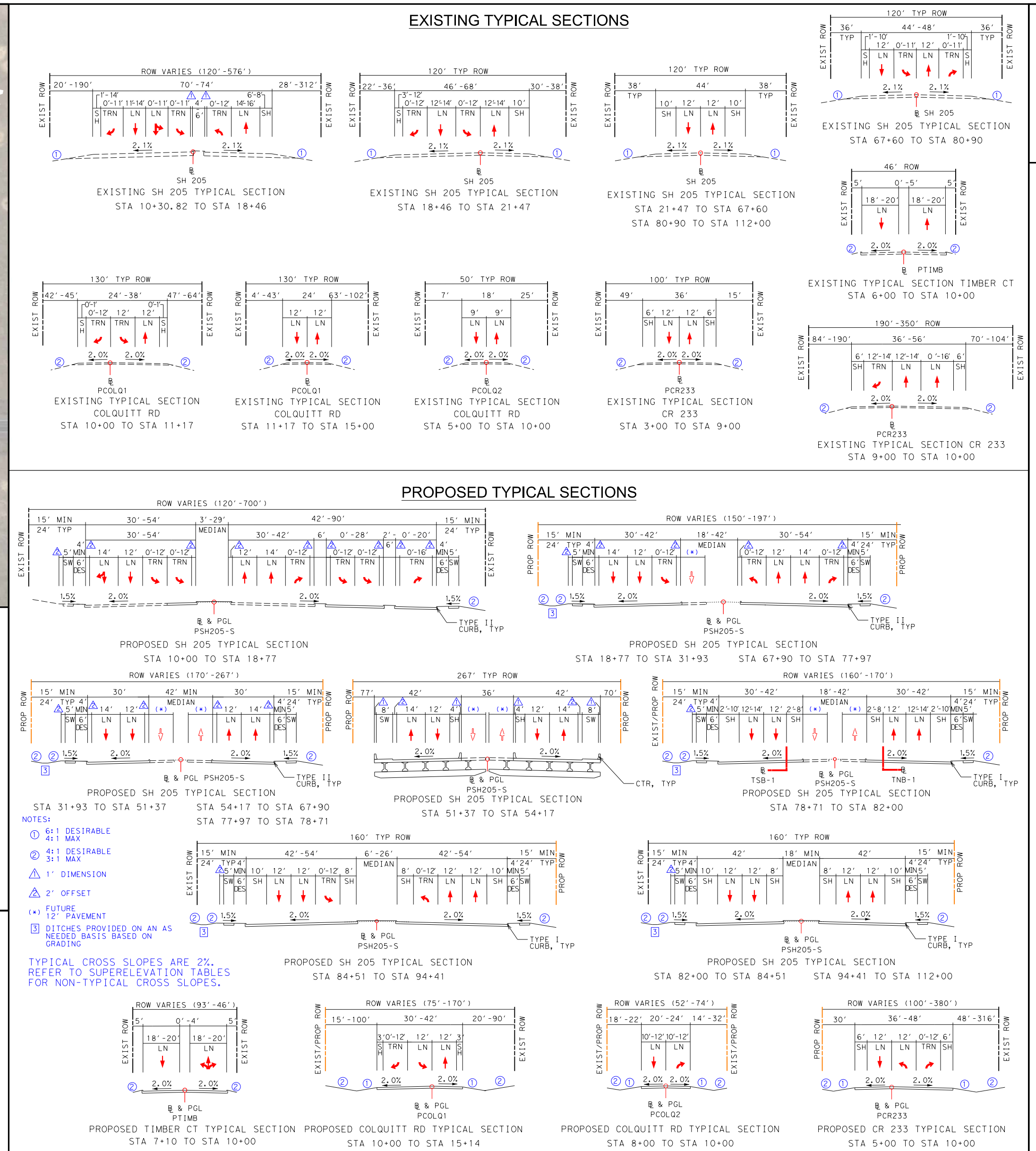
GENERAL NOTES:

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. CONSTRUCTION OF DRIVEWAYS OUTSIDE OF EXISTING AND PROPOSED RIGHT OF WAY SHALL REQUIRE CONSTRUCTION AGREEMENT.

PSH205-S - STATE HIGHWAY 205

EXISTING TYPICAL SECTIONS

PROPOSED TYPICAL SECTIONS



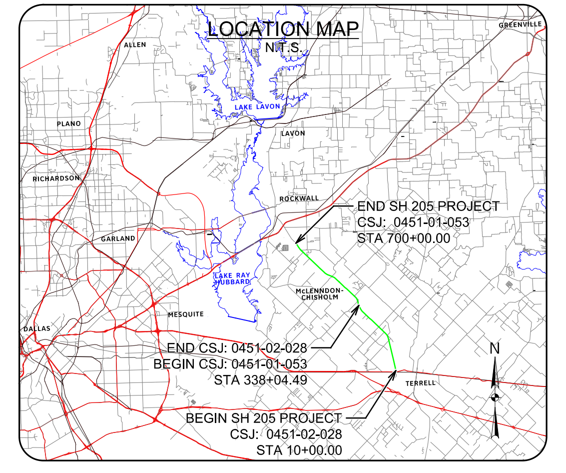
PARCEL DATA

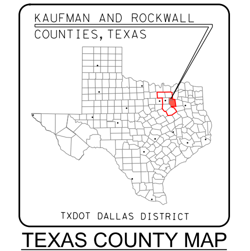
Parcel ID	Owner's Name	Parcel Address
K-131	BEANS CREEK LTD	HWY 205
K-132	BEANS CREEK LTD	HWY 205
K-133	SEAY JACK DOUGLAS	COLQUITT
K-134	SEAY JACK DOUGLAS	CO RD 233
K-135	GOVEA JASMIN J DELAROSA	1015 S HWY 205
K-136	DOBBS ARTHUR D	1011 HWY 205
K-137	WOOLVERTON JEFFERY L	CO RD 233
K-138	MATTHEWS PHILIP C	2208 COLQUITT RD
K-139	VALENTINE ARMER NELL	CO RD 233 & HWY 20
K-140	VALENTINE ARMER NELL	CO RD 233
K-141	BEANS CREEK LTD	HWY 205
K-142	BREEDEN DAVID L & JAMES	CO RD 233/HWY 205
K-143	BREEDEN DAVID L & JAMES	HWY 205
K-144	BREEDEN DAVID L & JAMES	HWY 205
K-145	CORNERSTONE BAPTIST CHURCH	HWY 205

Parcel ID	Owner's Name	Parcel Address
K-146	BEANS CREEK LTD	HWY 205
K-147	BEANS CREEK LTD	HWY 205
K-148	LYNCH CARL D ETAL	HWY 205
K-149	BREEDEN K L JR	HWY 205
K-150	ONCOR ELECTRIC DELIVERY COMPANY	310 HWY 205
K-151	ROBERTS FRANK J & TERESA M	HWY 205
K-152	LYNCH CARL D ETAL	STATE HWY 205
K-153	MOORE GREG	180 HWY 205
K-154	CORNERSTONE BAPTIST CHURCH	113 HWY 205
K-155	G L M JOINT VENTURE	111 HWY 205
K-156	RAND PARTNERS LP	TIMBER COURT
K-157	GABRIEL PARTNERS LLC	109 W HWY 205
K-158	RAND PARTNERS LP	HWY 205
K-159	FAKMI HYSENAJ	101 N HWY 205

Parcel ID	Owner's Name	Parcel Address
K-160	RAND PARTNERS LP	104 HWY 205
K-161	TO BE DETERMINED	TBD
K-162	JOHN E TRAEGER TRUST NO 1	98 HWY 205
K-163	WAL-MART REAL ESTATE BUSINESS TRUST	1900 W MOORE
K-164	K C VENTURES LP	96 HWY 205
K-165	ROCKWALL RENTAL PROPERTIES	94 N HWY 205
K-166	MURPHY OIL USA INC #5725	1850 W MOORE
K-167	RAND PARTNERS LP	HWY 205
K-168	KARALIS REVOCABLE TRUST	93 HWY 205
K-169	RAND PARTNERS LP	1608 W MOORE AVE
K-170	MC DONALDS CORP	TBD
K-171	LOS HERMANOS RIP LLC	1600 W MOORE AVE
K-172	TERRELL G&B VENTURES LLC	1880 W MOORE
K-173	ST LOUIS PARKING COMPANY	1870 W MOORE AVE

TEXAS DEPARTMENT OF TRANSPORTATION®
DALLAS DISTRICT
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
SH 205 DESIGN SCHEMATIC
FROM US 80 TO JCT SH 205/JOHN KING (S GOLIAD ST)
KAUFMAN AND ROCKWALL COUNTIES, TEXAS
CSJ'S: 0451-01-053, 0451-02-028
APPROVED SCHEMATIC JULY 3, 2018
JULY 2018
ROLL 1 OF 9
PROJECT LENGTH: 13.07 MILES
FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL
AVERAGE DAILY TRAFFIC: 33,100 (2014) 53,200 (2034)
DESIGN SPEEDS:
SH 205: 45 MPH
CROSS STREETS: 30 MPH





TEXAS COUNTY MAP
N.T.S.
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:
JEREMY W. MCGAHAN 103650 07/03/2018
HALFF ASSOCIATES, INC.
TBPE FIRM #F-312
HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081-2275
TEL (214) 346-6200
FAX (214) 739-0095
VERTICAL SCALE: 0 10 20 30 40
HORIZONTAL SCALE: 0 100 200 300 400
DATE SUBMITTED: JULY 3, 2018
DATE APPROVED: JULY 3, 2018
© 2018 by Texas Department of Transportation all rights reserved