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
IS 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	5.107 MILES
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
AADT	51,100 (2017) / 64,300 (2034)
DESIGN SPEED	45 MPH
POSTED SPEED	45 MPH
CROSS SLOPES	2%

LOCATION MAP

ROCKWALL
KAUFMAN
COUNTIES

TEXAS COUNTY MAP
N.T.S.

THE LOCATIONS AND OTHER FEATURES OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY.

HALFF
AN EMPLOYEE OWNED COMPANY
www.halff.com

0 50 100 200 400
HORIZONTAL SCALE

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

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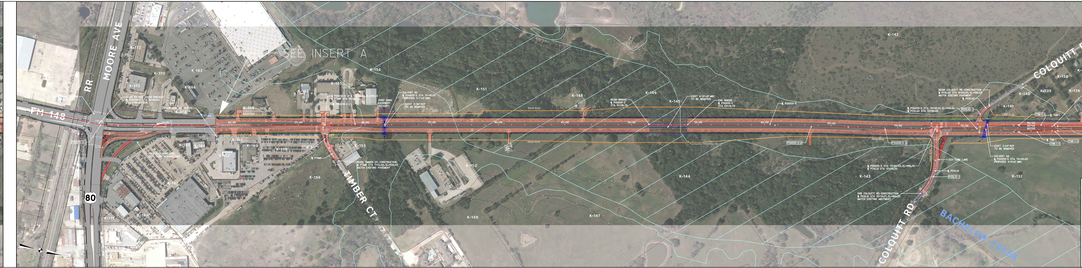
LEGEND:

- EXISTING ROW
- EXISTING PROPERTY LINE(S)
- EXISTING LOT LINE/DIV.
- EXISTING CULVERT
- PROPOSED CULVERT
- PROPOSED BASELINE
- PROPOSED CONSTRUCTION STREET BASELINE
- PROPOSED ROW
- PROPOSED EASEMENT
- PROPOSED TEMP. EASEMENT
- PROPOSED BRIDGE RAIL
- PROPOSED BRIDGE BENT/ABUTMENT
- 100 YR FLOODPLAIN LIMITS
- FLOODWAY LIMITS
- PROPOSED TRAVEL
- FLOW ARROW
- PROPOSED BRIDGE
- EXISTING BRIDGE
- PROPOSED PROJECT BY OTHERS
- PROPOSED SIDEWALK
- EXISTING SIDEWALK
- POTENTIAL DISPLACEMENTS
- EXISTING STRUCTURE TO BE REMOVED
- EXISTING WATER
- EXISTING FIBER OPTIC
- EXISTING TELEPHONE / CABLE
- EXISTING ELECTRIC
- EXISTING GAS LINE
- CURB RAMP



CURVE DATA

PHASES-S CURVES

CURVE	P.I. STATION	P.I. STATION N	P.I. STATION E	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.T. STATION	BACK TANGENT	AHEAD TANGENT
PHASES-S	1044.97	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1,000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1049.29	N 85° 48' 01.58" W	N 68° 19' 03.37" W
PHASES-S	1049.29	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1,000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1053.61	N 85° 48' 01.58" W	N 68° 19' 03.37" W
PHASES-S	1053.61	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1,000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1057.93	N 85° 48' 01.58" W	N 68° 19' 03.37" W

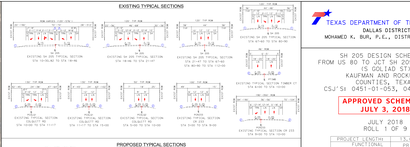
CROSS STREET CURVES

CURVE	P.I. STATION	P.I. STATION N	P.I. STATION E	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.T. STATION	BACK TANGENT	AHEAD TANGENT
TIMBER CT	1044.97	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1049.29	N 85° 48' 01.58" W	N 68° 19' 03.37" W
TIMBER CT	1049.29	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1053.61	N 85° 48' 01.58" W	N 68° 19' 03.37" W
TIMBER CT	1053.61	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1057.93	N 85° 48' 01.58" W	N 68° 19' 03.37" W

TRANSITION CURVES

CURVE	P.I. STATION	P.I. STATION N	P.I. STATION E	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.T. STATION	BACK TANGENT	AHEAD TANGENT
TS1	1044.97	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1049.29	N 85° 48' 01.58" W	N 68° 19' 03.37" W
TS2	1049.29	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1053.61	N 85° 48' 01.58" W	N 68° 19' 03.37" W
TS3	1053.61	N 6,945,925.3945	E 2,646,376.5900	17° 28' 58.21"	1000.00	153.32	304.97	N 77° 03' 32.48" W	303.78	1057.93	N 85° 48' 01.58" W	N 68° 19' 03.37" W

SUPERELEVATION DATA

BEGIN TRANSITION	END TRANSITION
-2.00%	-2.00%
-2.00%	-2.00%
-2.00%	-2.00%

EXISTING TYPICAL SECTIONS