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

FM 148 DESIGN SCHEMATIC FROM SOUTH OF FM 3039 TO US 175 KAUFMAN COUNTY, TEXAS CSJ: 0751-02-027

JUNE 2017
ROLL 1 OF 1

PROJECT LENGTH	6.6 MILES
FUNCTIONAL CLASSIFICATION	RURAL MAJOR COLLECTOR-FM 148 RURAL COLLECTOR-US 175 FR URBAN COLLECTOR-4TH ST RURAL FREEWAY-US 175
AVERAGE DAILY TRAFFIC	4,450 (2017) 7,450 (2037)
DESIGN SPEED	FM 148: 60 MPH US 175 FRONTAGE ROADS: 50 MPH 4TH ST: 30 MPH US 175: 70 MPH

LOCATION MAP
N.T.S.

KAUFMAN COUNTY, TEXAS

TEXAS COUNTY MAP
N.T.S.

APPROVED SCHEMATIC
NOT FOR CONSTRUCTION

DATE SUBMITTED: JUNE 26, 2017
DATE APPROVED: JUNE 26, 2017

HALFF
HALFF ASSOCIATES, INC.
TBPE FIRM F-1084
TBPLS FIRM 10029601

HORIZ. SCALE: 1"=20'
0 10 20 30 40 50 60 70 80 90 100
HORIZONTAL SCALE: 1"=20'

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LEGEND:

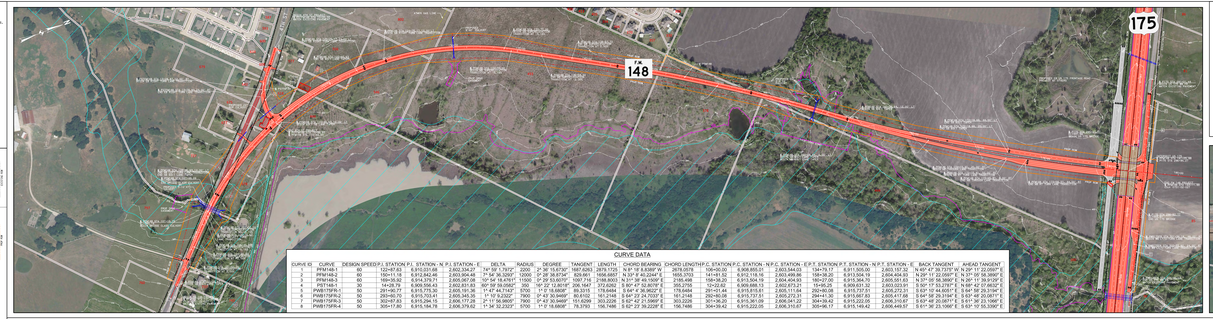
- EXISTING ROW
- EXISTING PROPERTY LIMITS
- EXISTING UTIL EASEMENT (WITH DIMENSION)
- PROPOSED BASELINE/CENTER LINE
- PROPOSED ROW
- PROPOSED EASEMENT
- PROPOSED EDGE OF PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED BRIDGE ABUTMENT
- PROPOSED BRIDGE DECK
- 100 YR FLOODPLAIN LIMITS
- EXTENTION OF TRAVEL
- PROPOSED SIDEWALK
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT BY OTHERS
- FUTURE PROJECT BY OTHERS
- POTENTIAL ESCPLAIMENTS
- PROPOSED CULVERT
- PROPOSED GULVERT
- EXISTING CULVERT
- EXISTING GAS LINE
- CURVE ID
- PROPERTY ID
- PROPOSED RETAINING WALL
- CONTOURS (5 FT)

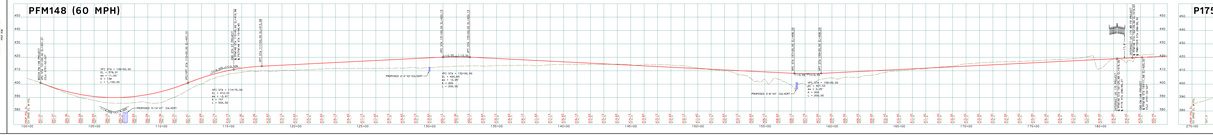
GENERAL NOTES:

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 ON MAY 2014.
2. PARCEL LINES AND OWNERSHIP INFORMATION WERE COLLECTED FROM THE KAUFMAN COUNTY APPRAISAL DISTRICT WEBSITE.
3. DIMENSIONS ARE TO EDGE OF CONCRETE PAVEMENT OR TRAVEL FACE OF RAIL / CURB / BARRIER UNLESS NOTED OTHERWISE.
4. SUPERELEVATION TRANSITIONS ARE LINEAR WITH THE AXIS OF ROTATION LOCATED AT THE PGL.
5. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) WILL NOT BE DEVELOPED UNTIL FINAL DESIGN.
6. AVERAGE DAILY TRAFFIC VOLUME PROJECTIONS DEVELOPED BY TXDOT TPP (APRIL 2014).
7. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING FINAL DESIGN. MAJOR DRIVEWAYS (ONE-WAY RADII ARE 50', WIDER INTERSECTION CURVE RADII ARE 75', AND DRIVEWAY INTERSECTION CURVE RADII ARE 75' UNLESS NOTED OTHERWISE).
8. ACCESS ALONG THE PROPOSED FRONTAGE ROADS WILL BE CONTROLLED BY TXDOT ONLY IN ACCORDANCE WITH THE TXDOT ACCESS MANAGEMENT MANUAL.
9. POTENTIAL ESCPLAIMENT ON PARCEL 596 IS A MOBILE HOME. LOCATION IS APPROXIMATE.

EXISTING TYPICAL SECTIONS

PROPOSED TYPICAL SECTIONS



CURVE DATA

CURVE ID	CURVE	DESIGN SPEED	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.C. STATION - N	P.C. STATION - E	P.T. STATION	P.T. STATION - N	P.T. STATION - E	BACK TANGENT	AHEAD TANGENT
1	PFM148-1	60	122+07.83	6,910,031.68	2,802,334.27	74° 59' 1.73"2"	2000	2° 36' 15.6730"	1487.6283	2879.1725	N 8° 18' 8.8389" W	2679.0578	106+00.00	8,908,855.01	2,803,544.03	134+79.17	8,911,505.00	2,803,187.32	N 45° 47' 56.7275" W	N 29° 11' 52.0587" E
2	PFM148-2	60	161+00.00	8,914,279.71	2,806,000.00	90° 00' 00.0000"	300	191.22	191.22	300.00	N 44° 11' 52.0587" E	270.00	159+08.78	8,913,504.19	2,804,404.93	162+27.00	8,915,368.76	2,805,651.93	N 29° 11' 52.0587" E	N 29° 11' 52.0587" E
3	PFM148-3	60	189+59.52	8,914,279.71	2,806,000.00	90° 00' 18.4761"	1500	3° 24' 33.6570"	537.74	1068.8003	N 31° 35' 49.1006" E	1035.4806	189+38.20	8,913,504.19	2,804,404.93	200+07.00	8,915,368.76	2,805,651.93	N 29° 11' 52.0587" E	N 61° 47' 01.6643" E
4	PST148-1	30	14+28.79	8,909,556.43	2,802,831.83	90° 00' 59.0906"	300	191.22	12.8015"	206.1647	372.6262	S 80° 47' 53.3670" E	355.2755	12+22.62	8,909,688.13	2,802,673.21	15+95.25	8,909,631.32	2,803,023.91	S 50° 17' 53.3670" E
5	PWB175FR-1	30	25+00.77	8,910,173.41	2,805,373.81	14° 47' 8.2344"	3000	1° 43' 35.5488"	38.8103	77.2148	S 64° 37' 24.7022" E	77.0000	24+22.00	8,910,173.41	2,805,373.81	24+99.21	8,910,167.83	2,805,417.08	S 64° 37' 24.7022" E	S 64° 37' 24.7022" E
6	PWB175FR-2	30	30+07.83	8,910,294.18	2,806,177.28	2° 11' 56.9895"	7500	0° 45' 30.5449"	151.4299	303.2226	S 62° 42' 21.5969" E	303.2226	30+31.36	8,910,361.09	2,806,041.22	34+34.42	8,910,294.18	2,806,310.67	S 63° 48' 20.0571" E	S 61° 30' 23.1066" E
7	PWB175FR-3	30	35+17.80	8,910,154.19	2,806,379.62	1° 34' 32.2322"	3700	1° 0' 15.6600"	75.3763	150.7486	S 62° 27' 39.2228" E	150.7486	35+93.42	8,910,222.05	2,806,315.67	35+96.17	8,910,149.42	2,806,449.57	S 61° 30' 23.1066" E	S 63° 57' 55.3390" E