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	4.9 MILES
FUNCTIONAL CLASSIFICATION	RURAL MAJOR COLLECTOR-FM 148 RURAL COLLECTOR-US 175 FR URBAN PRINCIPAL ARTERIAL-US 175
AVERAGE DAILY TRAFFIC	7,400 (2040) 11,600 (2040)
DESIGN SPEED	FM 148: 60 MPH US 175 FR: 50 MPH US 175: 50 MPH

LOCATION MAP

KAUFMAN COUNTY, TEXAS

TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
FOR DESIGN REVIEW ONLY
THIS DOCUMENT IS NOT INTENDED TO BE, AND SHOULD NOT BE CONSTRUED TO BE, A BINDING OR LEGAL DOCUMENT

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081
(972) 235-3031

HORIZONTAL SCALE: 1"=40'
0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500

DATE SUBMITTED: JUNE 29, 2017
DATE APPROVED: JUNE 29, 2017

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LEGEND:

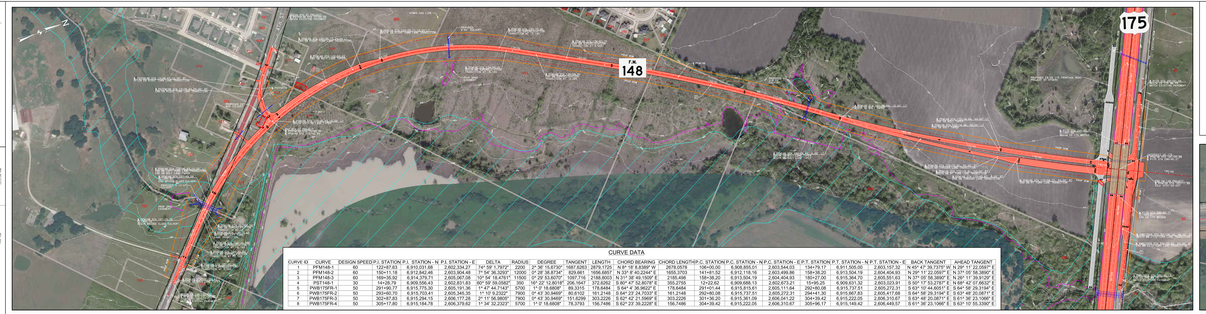
- EXISTING ROW
- EXISTING PROPERTY LIMITS
- PROPOSED TEMPORARY EASEMENT (APPROXIMATE)
- PROPOSED TEMPORARY CONSTRUCTION EASEMENT
- PROPOSED ROW
- PROPOSED EASEMENT
- PROPOSED EDGE OF PAVEMENT
- PROPOSED EDGE OF DECK
- PROPOSED BRIDGE SEGMENT
- PROPOSED BRIDGE BENT
- 100 YR FLOODPLAIN LIMITS
- DIRECTION OF TRAVEL
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT BY OTHERS
- EXISTING PAVEMENT TO BE REMOVED
- PERPETUAL INGRESS/EGRESS
- PAVEMENT TO BE REMOVED
- PROPOSED CULVERT
- EXISTING CULVERT
- EXISTING TOP OF CURB
- CURB 30
- PROPERTY 30
- PROPOSED RETAINING WALL
- CONTOURS (5 FT)

GENERAL NOTES:

1. THE SUBMITTED 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 2015.
2. PARCEL LINETS AND OWNERSHIP INFORMATION WERE COLLECTED FROM THE KAUFMAN COUNTY APPRAISAL DISTRICT WEBSITE.
3. DIMENSIONS ARE TO EDGE OF UNCURBED PAVEMENT OR NOMINAL FACE OF RAIL / CURB / BARRIER UNLESS NOTED OTHERWISE.
4. SUPERELEVATION TRANSITIONS ARE LINEAR WITH THE AXIS OF ROTATION LOCATED AT THE POL.
5. CONVENTIONAL ROADWAY STORAGE (SMALL SIGNS) WILL NOT BE DEVELOPED UNTIL PSAR DESIGN.
6. AVERAGE DAILY TRAFFIC VOLUME PROJECTIONS DEVELOPED BY TRANSPORTATION PLANNING.
7. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSAR DESIGN. MAJOR DRIVEWAYS (WITHIN CURVE PASTS) ARE 50'; MINOR DRIVEWAYS (WITHIN CURVE PASTS) ARE 30'; AND DRIVEWAY INTERSECTION CURVE PASTS ARE 15'. UNLESS NOTED OTHERWISE.
8. ACCESS ALONG THE PROPOSED FRONTAGE ROADS WILL BE CONTROLLED BY TXDOT DALLAS IN ACCORDANCE WITH THE TXDOT ACCESS MANAGEMENT MANUAL.
9. POTENTIAL DISPLACEMENT ON PARCEL 5A6 IS A MOBILE HOME, LOCATION IS APPROXIMATE.

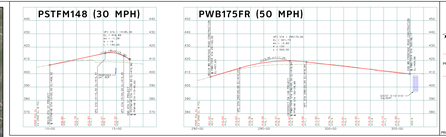
EXISTING TYPICAL SECTIONS

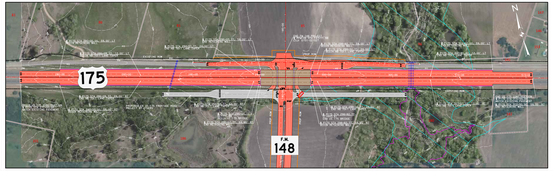
PROPOSED TYPICAL SECTIONS

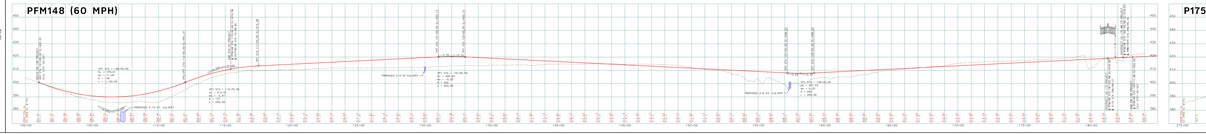


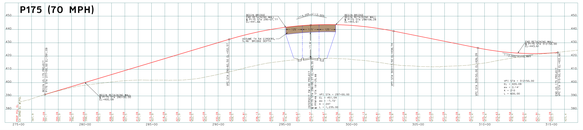
CURVE DATA

CURVE ID	CURVE	DESIGN SPEED	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD LENGTH	CHORD BEARING	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+67.63	6,910,031.98	2,602,334.21	14° 58' 1.76"/2"	2205	2° 36' 15.874"/2"	1467.6263	2939.1125	N 8° 19' 6.8268" W	2876.0878	106+00.00	6,908,855.01	2,603,544.05	134+79.11	6,911,505.20	2,603,107.32	N 45° 47' 36.7270" W	N 29° 31' 22.0597" W
2	PFM148-2	60	150+11.18	6,912,842.46	2,603,904.48	7° 54' 36.3255"	12000	0° 28' 38.8734"	829.661	1658.6857	N 33° 8' 40.2244" W	1655.3703	141+81.52	6,912,116.16	2,603,499.86	158+38.20	6,913,504.19	2,604,404.93	N 29° 17' 22.0559" W	N 37° 05' 58.3856" E
3	PFM148-3	60	189+38.92	6,914,379.73	2,605,067.58	29° 54' 18.4761"	1150	5° 00' 0.0000"	1307.714	2588.8553	N 31° 38' 49.1555" E	2185.498	158+38.20	6,913,504.19	2,604,404.93	184+26.92	6,915,364.75	2,605,931.63	N 37° 05' 58.3856" E	N 29° 17' 39.6129" E
4	PFM148-4	30	194+28.79	6,909,936.43	2,602,851.83	90° 59' 55.0582"	350	16° 22' 12.8018"	208.1447	372.6262	S 80° 47' 52.8078" E	350.2795	12+22.62	6,909,668.13	2,602,673.21	15+95.25	6,909,631.32	2,603,023.91	S 58° 17' 53.2797" E	N 48° 42' 07.6602" E
5	PWB175FR-1	50	200+00.00	6,910,000.00	2,603,000.00	14° 19' 9.2322"	7900	0° 43' 30.9469"	1000.0000	1999.9999	N 7° 09' 34.6161" W	1994.0000	190+00.00	6,910,000.00	2,603,000.00	210+00.00	6,912,000.00	2,602,000.00	N 0° 00' 00.0000" E	N 14° 19' 09.2322" W
6	PWB175FR-2	50	250+00.10	6,915,319.41	2,605,345.35	14° 19' 9.2322"	7900	0° 43' 30.9469"	1000.0000	1999.9999	N 7° 09' 34.6161" W	1994.0000	240+00.10	6,915,737.51	2,605,272.31	260+41.30	6,915,857.83	2,605,447.08	S 64° 58' 26.3194" E	S 83° 48' 25.9811" E
7	PWB175FR-3	50	303+47.83	6,919,294.15	2,606,177.28	2° 11' 56.9805"	7900	0° 43' 30.9469"	151.6299	303.2226	S 83° 42' 21.5989" E	303.2226	301+36.20	6,919,361.09	2,606,041.22	304+39.42	6,919,372.48	2,606,310.67	S 83° 48' 25.9811" E	S 81° 36' 23.1066" E
8	PWB175FR-4	50	305+17.80	6,919,184.78	2,606,378.63	11° 34' 31.2322"	5700	1° 0' 18.6858"	75.3793	150.7486	S 82° 27' 29.2225" E	150.7486	304+39.42	6,919,372.48	2,606,310.67	305+96.71	6,919,149.42	2,606,449.57	S 81° 36' 23.1066" E	S 92° 10' 53.3350" E

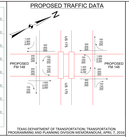








PROPOSED TRAFFIC DATA



PARCEL OWNER DATA

PARCEL ID	OWNER	PROPERTY ADDRESS
79	CENNIGALL 237 INVESTORS LP	FM 987 148
81	CENNIGALL 237 INVESTORS LP	HWY 175
82	CENNIGALL 237 INVESTORS LP	HWY 175
83	CENNIGALL 237 INVESTORS LP	HWY 175
84	CENNIGALL 237 INVESTORS LP	HWY 175
85	CENNIGALL 237 INVESTORS LP	HWY 175
180	GATEWAY DALLAS GLOBAL LP	HWY 175
186	ROZAS FAMILY PARTNERSHIP	HWY 175
305	PASHA GREGORY & MARY	304 COUNTRYVIEW LN
306	WHITAKER ROBERT & CAROLYN	308 COUNTRYVIEW LN
307	ENNIS WARREN & ALISON	312 COUNTRYVIEW LN
570	GAMBARATO PHILLIP T & MARY KAT	240 COUNTRYVIEW LN
571	GATEWAY DALLAS GLOBAL LP	HWY 175
384	SIMONS LINDON D	288 COUNTRYVIEW LN
412	KING GREG & TRACIE A	232 COUNTRYVIEW LN
413	STEVENS EDWARD & GRETA	236 COUNTRYVIEW LN
413	KING GREG & TRACIE A	232 COUNTRYVIEW LN
414	ROYALL MARK	P O BOX 308
444	GATEWAY DALLAS GLOBAL LP	HWY 175
531	CENTRAL BAPTIST CHURCH	P O BOX 616
532	CENTRAL BAPTIST CHURCH	P O BOX 616
532	CENTRAL BAPTIST CHURCH	P O BOX 616
544	STAR MORLE HOMES LP	FM 987 148
546	TINA GRUBBS	5 FM 987 148
547	TINA GRUBBS	5 FM 987 148
548	BAKER DAVID B & BRIDGET M	2217 STONEWOOD DR
556	CHARLES CODY GRUBBS	FM 987 148
558	OAK NATIONAL HOLDINGS LLC	5763 S ST HWY 205
562	OAK NATIONAL HOLDINGS LLC	5763 S ST HWY 205
563	TINA GRUBBS	5 FM 987 148
564	OAK NATIONAL HOLDINGS LLC	5763 S ST HWY 205
577	TINA GRUBBS	5971 S FM 987 148
578	ACUMBERY JUSTIN & LANDY	3 STONEWOOD DR
583	KIRKLAND KELLY	P O BOX 208
584	BRUCE JOHN & BRANDI N	1 STONEWOOD DR
599	HEAD TUAN & HANG T	2 STONEWOOD DR
600	WILSON GAYLA M	3 STONEWOOD DR
608	ALTOM HOMES GROUP LP	FM 987 148
614	STEWART HAYLEY	3 STONEWOOD DR
618	GARDNER JAMES	2 FM 987 148
645	LOTTO DEVIN & TOM	2000 FM 987 148
675	GATEWAY DALLAS GLOBAL LP	HWY 175
676	TINA GRUBBS	2 FM 987 148
677	GATEWAY DALLAS GLOBAL LP	HWY 175
678	TINA GRUBBS	WINGHOCKEY DR
701	STAR MORLE HOMES LP	3027 WYNCHAM LN
702	STAR MORLE HOMES LP	FM 987 148
703	ASLA GOLD 3	WYNCHAM LN
737	ALLEN CHARLES & TERESA L	2363 S FM 987 148
738	WILSON JASON	2377 S FM 987 148
739	SMITH JACK D	2391 S FM 987 148
740	WHITE ELDRED JAMES	2405 S FM 987 148
741	WHITE ELDRED JAMES JR	2424 FM 987 148
761	MORGAN DONNIS	2449 S FM 987 148
762	WHITE ELDRED JAMES JR	FM 987 148
795	NEWTON RONALD T	FM 987 148
802	TINA GRUBBS	FM 987 148

SUPERELEVATION DATA

CHAIN	BEGIN TRANSITION STA	BEGIN TRANSITION #	END TRANSITION STA	END TRANSITION #
NB FM148	109+00.00	-2.00%	109+40.00	0.10%
NB FM148	114+00.00	-0.10%	124+00.00	-2.00%
SB FM148	215+00.00	2.00%	207+00.00	0.10%
SB FM148	202+00.00	-0.10%	192+00.00	-2.00%

SUPERELEVATION COORDINATE SYSTEM

DATUM	NAD 83
ZONE	TEXAS CENTRAL
UNITS	FEET

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

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CSJ: 0751-02-027

JUNE 2017
ROLL 1 OF 1

PROJECT LENGTH 4.9 MILES
FUNCTIONAL CLASSIFICATION RURAL MAJOR COLLECTOR-FM 148 RURAL COLLECTOR-US 175 FR URBAN PRINCIPAL ARTERIAL-US 175
AVERAGE DAILY TRAFFIC 7,400 (2040) 11,600 (2040)
DESIGN SPEED FM 148: 60 MPH US 175 FR: 50 MPH US 175: 50 MPH

LOCATION MAP
CAMPBELL
TERRELL
END FM 148 PROJECT STA 1+00.00
BEGIN FM 148 PROJECT STA 1+00.00
KAUFMAN
KAUFMAN COUNTY, TEXAS
TEXAS COUNTY MAP N.T.S.
PRELIMINARY FOR DESIGN REVIEW ONLY
HALFF
1201 NORTH BOWSER ROAD RICHARDSON, TEXAS 75081 (972) 235-3031
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