0 100 200 300 400 600
SCALE IN FEET

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
WILLIAM L. HALE, P.E.
DISTRICT ENGINEER

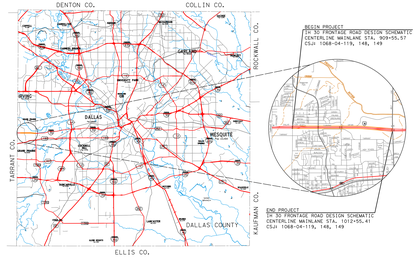
IH 30 FRONTAGE ROADS DESIGN SCHEMATIC

DALLAS COUNTY
FROM: SH 161
TO: BELT LINE ROAD

CONTROL: 1068-04-119
1068-04-148
1068-04-149

DESIGN SPEED: 40 MPH FRONTAGE ROADS
50 MPH RAMPS
40 MPH CROSS STREETS
60 MPH MAIN LANES

FUNCTIONAL CLASSIFICATION: INTERSTATE
PROJECT LENGTH: 1.951 MILES



SCALE: HORIZ. 1"=100'
SCALE: VERT. 1"=10'

ROLL 3 OF 3

FEBRUARY 2014

HALFF
REGISTRATION NO. 312
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081-2275
TEL (972)-907-1400
FAX (972)-234-8766

NOT A BIDDING DOCUMENT
FOR INTERIM REVIEW ONLY.
PREPARED BY OR UNDER DIRECT SUPERVISION OF:
ENGINEER: DAVID A. BURKETT
P.E. NUMBER: 100068
DATE: FEBRUARY 2014

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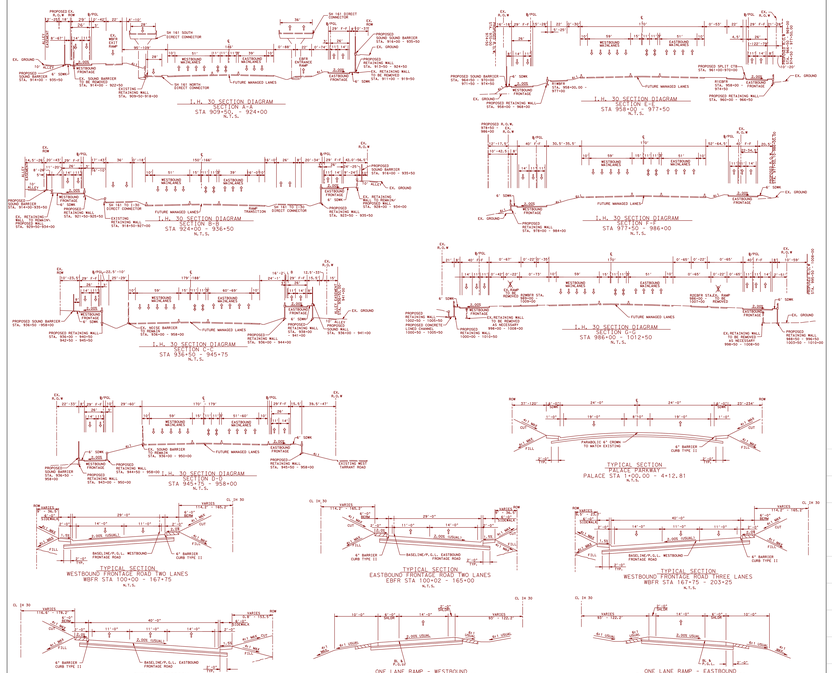
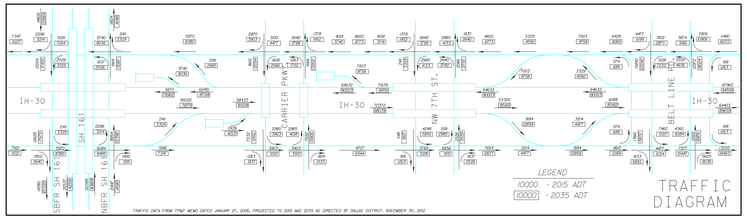
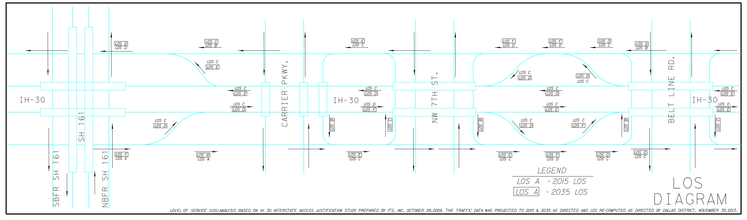
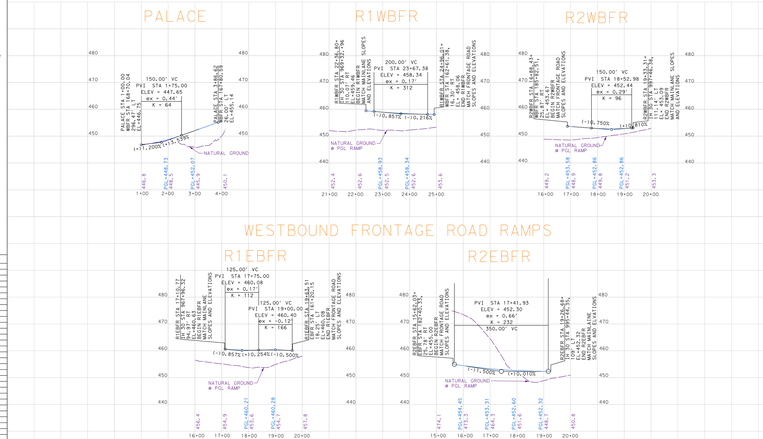


CHAIN	CURVE	P1 STATION	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	PC STATION	PT STATION
WBFR	WBFR-1	109+42.29	1° 23' 11.81"	6030'	72.97'	145.93	S 89° 55' 14" E	145.93	108+69.32	110+15.22
	WBFR-2	127+15.73	2° 12' 41"	11500'	221.32'	443.12'	S 88° 37' 11" E	443.12	125+94.16	128+37.29
	WBFR-3	131+66.35	3° 11' 16"	6030'	167.19'	335.50	S 89° 56' 35" E	335.46	129+88.56	133+34.06
	WBFR-4	150+01.12	2° 58' 55"	6030'	156.02'	312.08	S 89° 49' 19" E	312.00	147+39.79	150+51.88
	WBFR-5	186+11.90	4° 05' 35"	6030'	215.48'	430.77	N 88° 51' 39" E	430.68	183+96.43	188+27.20
	WBFR-6	194+56.47	1° 41' 15"	6030'	88.92'	177.83	N 89° 28' 21" E	177.82	193+67.55	195+45.38
	WBFR-7	198+88.47	1° 41' 15"	6030'	88.92'	177.83	N 89° 28' 21" E	177.82	197+99.63	199+77.46
	WBFR-8	163+14.76	0° 49' 54"	5730'	41.58'	83.13	S 89° 15' 58" E	83.13	162+73.18	163+56.31
	WBFR-9	169+86.75	2° 45' 56"	5730'	123.53'	247.02	S 89° 56' 55" E	247.00	168+63.22	171+10.24
	WBFR-10	195+73.35	1° 48' 01"	11500'	180.03'	360.04	S 87° 16' 49" E	360.02	193+93.32	197+53.36
	WBFR-11	201+76.54	1° 01' 22"	11500'	102.29'	204.57	S 88° 02' 08" E	204.56	200+74.25	202+78.82
EBFR	EBFR-1	113+61.67	5° 14' 20.84"	6030'	110.83'	220.75	N 89° 46' 50" E	220.75	112+50.84	114+71.59
	EBFR-2	123+45.93	3° 11' 00.60"	6030'	167.12'	334.14	N 89° 26' 01" E	334.10	121+78.81	125+12.95
	EBFR-3	135+23.88	2° 35' 25"	6030'	136.42'	272.84	N 88° 42' 22" E	272.82	133+87.46	136+60.31
	EBFR-4	155+20.68	2° 19' 08"	6030'	122.05'	244.06	N 87° 08' 53" E	244.04	153+98.63	156+42.69
	EBFR-5	160+32.61	1° 04' 45"	11500'	108.29'	216.58	N 88° 50' 44" E	216.58	159+24.32	161+40.90
	EBFR-6	163+32.63	3° 20' 27"	6030'	175.85'	351.60	S 86° 56' 36" E	351.56	161+56.78	165+08.39
	EBFR-7	171+77.50	1° 34' 06"	6030'	82.58'	165.15	S 89° 26' 41" E	165.15	170+94.92	172+60.07
	EBFR-8	182+24.79	1° 47' 56"	2350'	86.89'	173.70	N 89° 33' 39" E	173.66	181+37.90	182+91.60
	EBFR-9	164+00.99	5° 19' 32"	2350'	109.30'	218.43	S 89° 53' 38" E	218.35	162+91.60	165+10.03
	EBFR-10	165+95.61	1° 54' 09"	6030'	83.58'	165.15	S 88° 26' 41" E	165.15	165+10.03	166+75.18
	EBFR-11	211+88.12	10° 28' 49"	11620'	1065.72'	2125.50	N 89° 05' 53" E	2123.54	201+22.38	222+47.90
R1WBFR	R1WBFR-1	18+51.10	1° 2' 30"	6030'	71.61'	143.21	N 8° 4' 05" E	143.21	18+80.08	20+23.30
	R1WBFR-2	27+24.12	4° 06' 45"	2860'	102.07'	205.25	N 89° 05' 17" E	205.21	26+31.45	28+36.70
R2WBFR	R2WBFR-1	16+88.43	2° 52' 55"	6030'	151.52'	302.97	N 89° 29' 43" E	302.94	15+36.91	18+39.88
	R2WBFR-2	18+46.13	3° 00' 00"	6030'	158.29'	315.48	S 89° 39' 43" E	315.47	16+88.84	20+04.31
R1EBFR	R1EBFR-1	17+75.85	5° 20' 21"	6030'	175.95'	351.61	S 88° 56' 36" E	351.56	16+00.00	13+51.61
	R1EBFR-2	19+46.72	1° 37' 50"	6030'	85.17'	170.34	S 87° 50' 11" E	170.32	19+85.54	17+65.90
	R1EBFR-3	22+98.70	1° 05' 26"	6030'	57.39'	114.78	S 87° 46' 34" E	114.78	22+38.31	23+53.09
R2EBFR	R2EBFR-1	15+46.86	2° 46' 06"	6030'	145.60'	291.18	S 89° 23' 02" E	291.17	14+01.40	16+92.58
	R2EBFR-2	22+20.60	3° 42' 34"	6030'	194.52'	389.11	S 89° 44' 18" E	389.04	18+26.78	22+15.29
PALACE	PALACE-1	4+06.25	90° 00' 00"	25'	25.00'	39.27	N 45° 00' 00" E	35.36	3+81.25	4+20.52
TARCON	TARCON-1	2+51.19	50° 32' 27"	350'	96.10'	188.70	N 1° 08' 15" E	186.62	1+54.48	3+43.18







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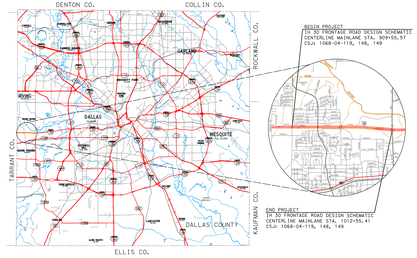

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