DEVELOPER'S SCHEMATIC
DFW CONNECTOR PROJECT
DALLAS & TARRANT COUNTIES

STATE HIGHWAY 114
FROM BUSINESS 114L TO INTERNATIONAL PARKWAY
AND
STATE HIGHWAY 121
FROM SH 360 TO FM 2499

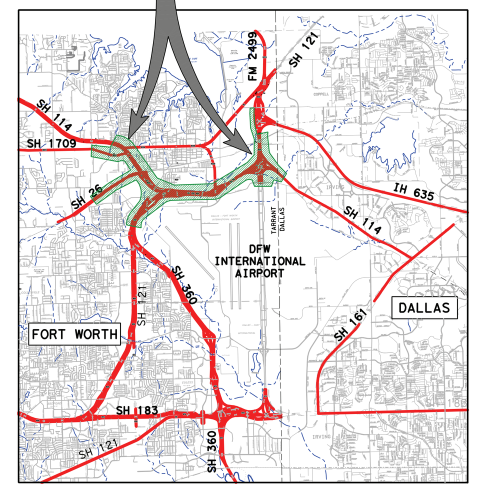
D.2.6
EXHIBIT 2, APPENDIX 3: SCHEMATICS
ROLL 2 OF 4

DESIGN SPEED

FUNCTIONAL CLASSIFICATION, DESIGN SPEED:
MAINLANES-URBAN FREEWAY-70 MPH
COLLECTOR DISTRIBUTOR -URBAN FREEWAY-50 MPH
RAMP-URBAN FREEWAY-50 MPH
FRONTAGE ROADS-COLLECTOR-40 MPH
CROSS STREETS-COLLECTOR-30 MPH
TURNABOUTS, UTURNS-COLLECTOR-20 MPH
FM 2499-URBAN FREEWAY-55 MPH

CONFIGURATION 2 WITH DEFERRALS
BEST AND FINAL OFFER

DFW CONNECTOR PROJECT LOCATION



SCALE
0 1 2 3 4 MILE

DALLAS AND TARRANT COUNTIES

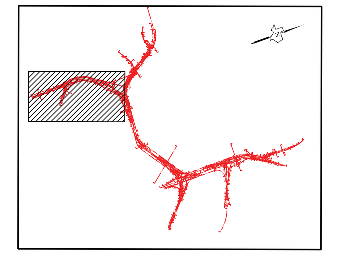
NOT FOR CONSTRUCTION OR
PERMIT PURPOSES
PREPARED UNDER THE SUPERVISION OF
WILLIAM M. FRYE, P.E. #81465
MAY 18, 2009

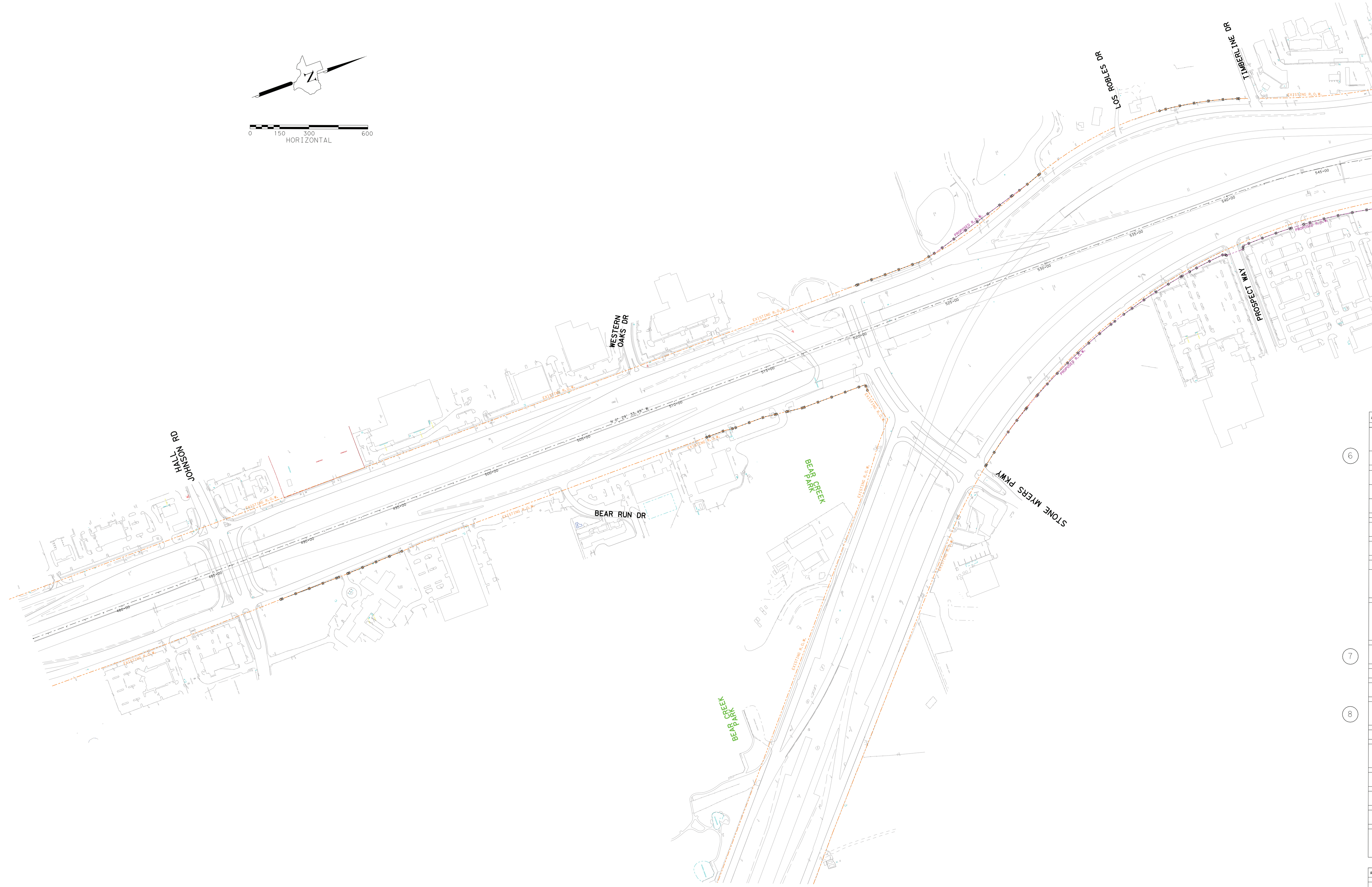
NorthGate Constructors

PAVEMENT LEGEND

- EXISTING STREETS REMAINING
- PROPOSED FRONTAGE ROADS
- PROPOSED STRUCTURES
- PROPOSED SHOULDER/GORES
- PROPOSED RAMP, DIRECT CONNECTORS COLLECTOR DISTRIBUTORS
- PROPOSED MANAGED LANES
- PROPOSED MAINLANES
- PROPOSED CONSTRUCTION BY OTHERS
- PROPOSED CROSS STREETS/UTURNS
- EXISTING R.O.W.
- PROPOSED R.O.W.
- PROPOSED RETAINING WALL
- ALIGNMENT
- CONTROL OF ACCESS
- DIRECTION OF TRAFFIC, ONE LANE
- BENTS/ABUTMENTS
- DISPLACED BUILDING
- XXX - ## CURVE DATA LABEL

KEY MAP



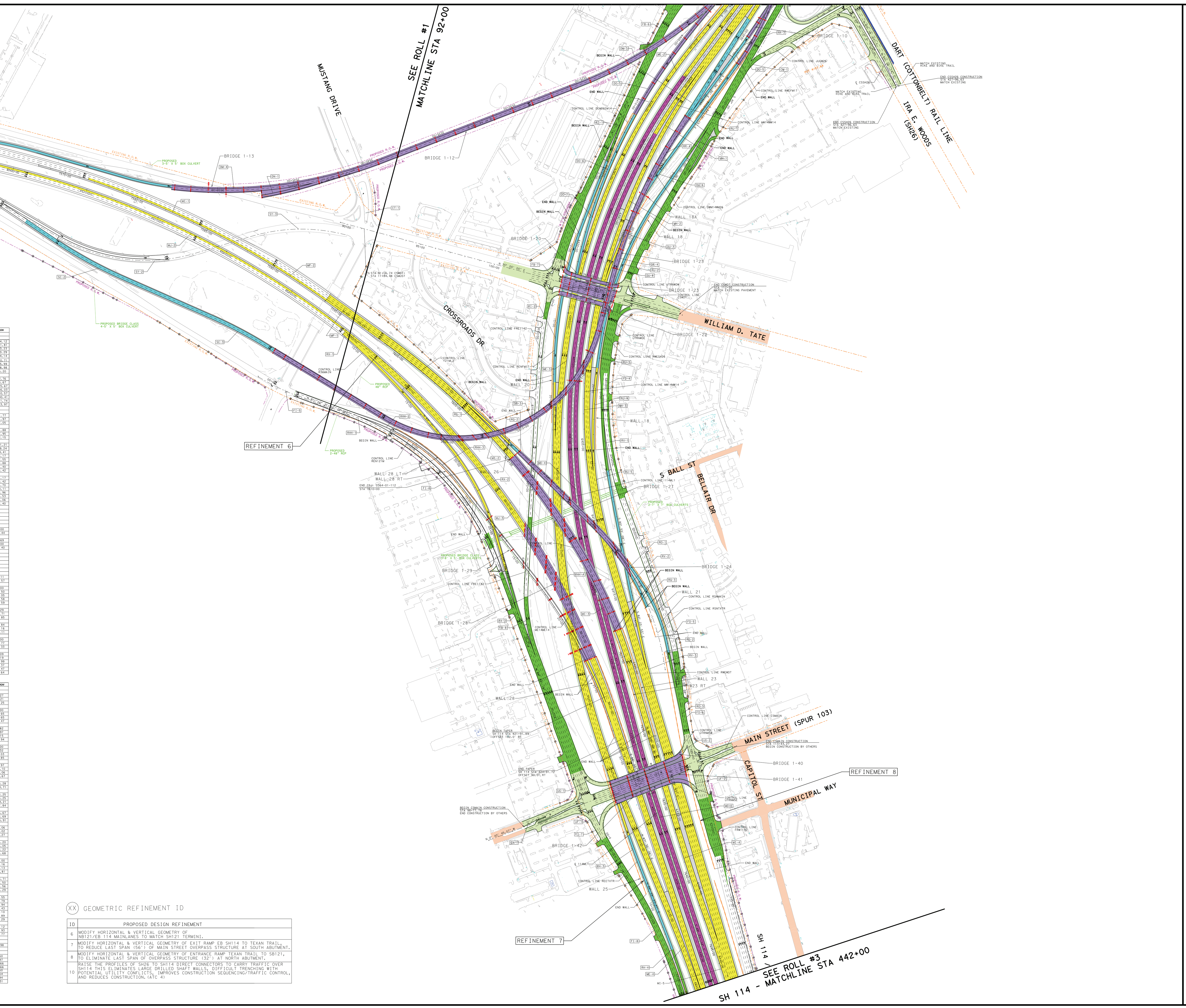


	STREET NAME	LABEL	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION
		MAINLANES											
		SH 121											
	121ML2	MI-1	121ML2-0	20° 42′ 32.04" RT	0° 59′ 34.53"	1,054.33	2,085.65	5,770.40	N 34° 49′ 56.22" E	N 55° 32′ 28.25" E	7583+72.80	7573+18.48	7594+04.12
		MI-2	121ML2-1	23° 30′ 39.41" RT	1° 15′ 00.00"	953.86	1,880.88	4,583.66′	N 55° 32′ 28.25" E	N 79° 03′ 07.66" E	7608+34.79	7598+80.93	7617+61.81
		MI-3	121ML2-2	14° 32′ 59.34" RT	1° 45′ 00.00"	417.96′	831.42′	3,274.04	N 79° 03′ 07.66" E	S 86° 23′ 53.00" E	7621+79.77	7617+61.81	7625+93.23
		MI-4	121ML2-3	3° 28′ 09.35" RT	0° 30′ 00.00"	347.03′	693.85′	11,459.16′	S 86° 23′ 53.00" E	S 89° 52′ 02.35" E	7639+43.47	7635+96.44	7642+90.29
		MI-5	121ML2-4	3° 28′ 09.35" RT	0° 30′ 00.00"	347.03′	693.85′	11,459.16′	S 89° 52′ 02.35" E	S 86° 23′ 53.00" E	7646+37.32	7642+90.29	7649+84.14
6	121ML3	MJ-1	121ML3-1	3° 19′ 54.69" RT	1° 28′ 01.92"	113.58	227.09	3,905.11	N 31° 06′ 07.83" E	N 34° 26′ 02.52" E	8556+47.20	8555+33.62	8557+60.71
		MJ-2	121ML3-2	23° 22′ 03.18" RT	0° 59′ 25.70"	1,196.25	2,359.24	5,784.70	N 34° 26′ 02.52" E	N 57° 48′ 05.70" E	8577+73.00	8565+76.75	8589+35.99
		MJ-3	121ML3-3	33° 48′ 00.30" RT	1° 05′ 21.38"	1,598.11	3,102.99	5,260.00	N 57° 48′ 05.70" E	S 88° 23′ 54.00" E	8605+34.10	8589+35.99	8620+38.98
	MFW21	MM-1	MFW21-1	40° 01′ 19.49" RT	1° 30′ 00.00"	1,391.10′	2,668.14′	3,819.72′	N 0° 29′ 33.49" W	N 39° 31′ 46.00" E	553+89.16	539+98.06	566+66.20
		SH 114											
	114ML1	MD-4	114ML1-4	51° 24′ 03.00" LT	1° 30′ 00.00"	1,838.34′	3,426.72′	3,819.72′	S 33° 38′ 30.00" E	S 85° 02′ 33.00" E	398+24.38	379+86.04	414+12.76
		MD-5	114ML1-5	3° 21′ 21.00" LT	0° 30′ 00.00"	335.68′	671.17′	11,459.16′	S 85° 02′ 33.00" E	S 88° 23′ 54.00" E	427+90.18	424+54.51	431+25.67
	ME14ME14	ME-2	ME14ME14-2	29° 03′ 11.22" LT	1° 30′ 00.00"	989.74′	1,936.87′	3,819.72′	S 30° 38′ 30.00" E	S 59° 41′ 41.22" E	4384+58.54	4374+68.80	4394+05.67
		ME-3	ME14ME14-3	32° 42′ 12.78" LT	1° 00′ 00.00"	1,681.07′	3,270.36′	5,729.58′	S 59° 41′ 41.22" E	N 87° 36′ 06.00" E	4410+86.74	4394+05.67	4426+76.03
		ME-4	ME14ME14-4	4° 00′ 00.00" RT	0° 30′ 00.00"	400.16′	800.00′	11,459.16′	N 87° 36′ 06.00" E	S 88° 23′ 54.00" E	4437+70.73	4433+70.57	4441+70.57
	MW14MW14	MH-1	MW14MW14-1	9° 39′ 02.40" LT	1° 30′ 00.00"	322.45′	643.38′	3,819.72′	S 33° 38′ 30.00" E	S 43° 17′ 32.40" E	6381+79.48	6378+57.03	6385+00.41
		MH-2	MW14MW14-2	10° 30′ 59.84" LT	1° 15′ 00.00"	421.85′	841.33′	4,583.66′	S 43° 17′ 32.40" E	S 53° 48′ 32.24" E	6389+22.26	6385+00.41	6393+41.74
		MH-3	MW14MW14-3	32° 35′ 20.76" LT	1° 45′ 00.00"	957.06′	1,862.23′	3,274.04′	S 53° 48′ 32.24" E	S 86° 23′ 53.00" E	6402+98.80	6393+41.74	6412+03.97
		FRONTAGE ROADS											
		114 EBFR											
	FRE1142	FB-6	FRE1142-6	26° 18′ 38.00" LT	4° 00′ 00.00"	334.79′	657.76′	1,432.39′	S 18° 43′ 41.00" E	S 45° 02′ 19.00" E	586+08.79	582+74.00	589+31.77
		FB-7	FRE1142-7	21° 39′ 59.00" LT	1° 45′ 00.00"	626.52′	1,238.08′	3,274.04′	S 45° 02′ 19.00" E	S 66° 42′ 18.00" E	606+30.42	600+03.89	612+41.97
		FB-8	FRE1142-8	23° 38′ 24.00" LT	5° 00′ 00.00"	239.81′	472.80′	1,145.92′	S 66° 42′ 18.00" E	N 89° 39′ 18.00" E	628+74.06	626+34.25	631+07.05
		114 WBFR											
	FRW1142	FD-4	FRW1142-4	50° 01′ 42.00" LT	2° 45′ 00.00"	972.17′	1,819.21′	2,083.48′	S 40° 05′ 36.00" E	N 89° 52′ 42.00" E	539+64.84	529+92.67	548+11.88
		FD-5	FRW1142-5	13° 08′ 09.00" RT	4° 00′ 00.00"	164.92′	328.40′	1,432.39′	N 89° 52′ 42.00" E	S 76° 59′ 09.00" E	557+54.47	555+89.55	559+17.95
		FD-6	FRW1142-6	8° 18′ 07.00" LT	3° 30′ 00.00"	118.81′	237.20′	1,637.02′	S 76° 59′ 09.00" E	S 85° 17′ 16.00" E	562+93.76	561+74.95	564+12.15
		121 NBFR											
	FRFWN21	FE-1	FRFWN21-1	1° 42′ 19.51" LT	2° 00′ 00.00"	42.64′	85.27′	2,864.79′	N 0° 29′ 33.49" W	N 2° 11′ 53.00" W	4001+48.58	4001+05.94	4001+91.21
		FE-2	FRFWN21-2	1° 42′ 19.51" RT	2° 00′ 00.00"	42.64′	85.27′	2,864.79′	N 2° 11′ 53.00" W	N 0° 29′ 33.49" W	4011+56.61	4011+13.97	4011+99.24
	FRS121	FL-1	FRS121-1	16° 18′ 22.51" LT	7° 00′ 00.00"	117.27′	232.95′	818.51′	N 0° 29′ 33.49" W	N 16° 47′ 56.00" W	721+53.73	720+36.46	722+69.41
		FL-2	FRS121-2	35° 51′ 12.00" RT	3° 30′ 00.00"	529.59′	1,024.38	1,637.02′	N 16° 47′ 56.00" W	N 19° 03′ 16.00" E	735+20.38	729+90.79	740+15.17
		FL-3	FRS121-3	10° 30′ 56.00" LT	2° 00′ 00.00"	263.63′	525.78′	2,864.79′	N 19° 03′ 16.00" E	N 8° 32′ 20.00" E	744+75.40	742+11.77	747+37.55
		FL-4	FRS121-4	26° 23′ 01.00" RT	4° 00′ 00.00"	335.75′	659.59′	1,432.39′	N 8° 32′ 20.00" E	N 34° 55′ 21.00" E	753+44.04	750+08.29	756+67.88
		FL-5	FRS121-5	3° 55′ 21.00" LT	2° 00′ 00.00"	98.10′	196.12′	2,864.79′	N 34° 55′ 21.00" E	N 31° 00′ 00.00" E	788+46.37	787+48.27	789+44.40
		FL-6	FRS121-6	4° 00′ 00.00" RT	4° 50′ 51.74"	41.27′	82.51′	1,181.92′	N 31° 00′ 00.00" E	N 35° 00′ 00.00" E	791+42.18	791+00.91	791+83.42
		360 NBFR											
	FRN360	FI-1	FRN360-1	1° 00′ 04.35" RT	0° 15′ 00.00"	200.25′	400.48′	22,918.31′	N 49° 37′ 40.51" W	N 48° 37′ 36.15" W	701+00.94	699+00.69	703+01.17
		FI-2	FRN360-2	73° 03′ 59.15" RT	2° 00′ 00.00"	2,122.40′	3,653.32′	2,864.79′	N 48° 37′ 36.15" W	N 24° 26′ 23.00" E	737+25.50	716+03.10	752+56.42
		FI-3	FRN360-3	22° 56′ 26.00" RT	2° 00′ 00.00"	581.30′	1,147.03′	2,864.79′	N 24° 26′ 23.00" E	N 47° 22′ 49.00" E	760+97.97	755+16.67	766+63.70
		FI-4	FRN360-4	3° 35′ 44.00" RT	1° 00′ 00.00"	179.84′	359.56′	5,729.58′	N 47° 22′ 49.00" E	N 50° 58′ 33.00" E	782+70.39	780+90.56	784+50.11
		FI-5	FRN360-5	9° 32′ 12.00" LT	3° 30′ 00.00"	136.55′	272.48′	1,637.02′	N 50° 58′ 33.00" E	N 41° 26′ 21.00" E	790+41.04	789+04.49	791+76.96
		FI-6	FRN360-6	48° 12′ 57.00" RT	3° 30′ 00.00"	732.55′	1,377.60′	1,637.02′	N 41° 26′ 21.00" E	N 89° 39′ 18.00" E	803+13.48	795+80.94	809+58.53
		FI-7	FRN360-7	12° 02′ 49.00" LT	3° 30′ 00.00"	172.74′	344.20′	1,637.02′	N 89° 39′ 18.00" E	N 77° 36′ 29.00" E	827+63.59	825+90.86	829+35.06
		FI-8	FRN360-8	13° 18′ 57.00" RT	2° 00′ 00.00"	334.40′	665.79′	2,864.79′	N 77° 36′ 29.00" E	S 89° 04′ 34.00" E	835+51.01	832+16.61	838+82.40
		RAMPS / DIRECT CONNECTORS / COLLECTOR DISTRIBUTOR											
7	REETXTR	SEE SHEET	1										
	RENFM17	RI-1	RENFM17-1	4° 00′ 00.00" LT	2° 00′ 00.00"	100.04′	200.00′	2,864.79′	S 45° 02′ 19.00" E	S 49° 02′ 19.00" E	1+00.04	0+00.00	2+00.00
		RI-2	RENFM17-2	20° 39′ 51.00" LT	2° 00′ 00.00"	522.28′	1,033.21′	2,864.79′	S 49° 02′ 19.00" E	S 69° 42′ 10.00" E	13+25.51	8+03.23	18+36.44
	RSNMAIN	RO-1	RSNMAIN-1	13° 05′ 32.28" RT	2° 30′ 00.00"	262.99′	523.69′	2,291.83′	N 64° 33′ 23.00" E	N 77° 38′ 55.28" E	2+62.99	0+00.00	5+23.69
		RO-2	RSNMAIN-2	20° 21′ 55.72" RT	5° 00′ 00.00"	205.83′	407.31′	1,145.92′	N 77° 38′ 55.28" E	S 81° 59′ 09.00" E	7+29.52	5+23.69	9+31.00
		RO-3	RSNMAIN-3	1° 48′ 07.67" RT	1° 30′ 00.00"	60.08′	120.14′	3,819.72′	S 81° 59′ 09.00" E	S 80° 11′ 01.33" E	13+76.33	13+16.26	14+36.40
8	RSNTXTR	SEE SHEET 1											
	RWEFM17	RR-3	RWEFM17-3	2° 27′ 06.00" RT	2° 00′ 00.00"	61.30′	122.58′	2,864.79′	S 36° 05′ 36.00" E	S 33° 38′ 30.00" E	9+36.83	8+75.53	9+98.11
		RR-4	RWEFM17-4	11° 03′ 00.46" LT	2° 00′ 00.00"	277.11′	552.51′	2,864.79′	S 33° 38′ 30.00" E	S 44° 41′ 30.46" E	18+04.18	15+27.06	20+79.57
	RWESH26	RU-1	RWESH26-1	5° 00′ 00.00" RT	2° 00′ 00.00"	125.08′	250.00′	2,864.79′	S 40° 05′ 36.00" E	S 35° 05′ 36.00" E	1+25.08	0+00.00	2+50.00
		RU-2	RWESH26-2	24° 43′ 42.86" LT	2° 30′ 00.00"	502.39′	989.14′	2,291.83′	S 35° 05′ 36.00" E	S 59° 49′ 18.86" E	11+46.75	6+44.36	16+33.50
		RU-3	RWESH26-3	2° 52′ 09.68" LT	1° 15′ 00.00"	114.80′	229.55′	4,583.66′	S 59° 49′ 18.86" E	S 62° 41′ 28.54" E	17+48.30	16+33.50	18+63.05
		RU-4	RWESH26-4	10° 57′ 51.54" LT	1° 45′ 00.00"	314.23′	626.53′	3,274.04′	S 62° 41′ 28.54" E	S 73° 39′ 20.08" E	21+77.28	18+63.05	24+89.58
		RU-5	RWESH26-5	5° 10′ 30.57" LT	3° 45′ 00.00"	69.05′	138.00′	1,527.89′	S 73° 39′ 20.08" E	S 78° 49′ 50.65" E	25+58.63	24+89.58	26+27.59
	RWEWDT	RV-1	RWEWDT-1	10° 53′ 24.10" LT	1° 45′ 00.00"	312.08′	622.29′	3,274.04′	S 69° 59′ 43.90" E	S 80° 53′ 08.00" E	3+12.08	0+00.00	6+22.29
		RV-2	RWEWDT-2	1° 30′ 45.00" LT	1° 00′ 00.00"	75.63′	151.25′	5,729.58′	S 80° 53′ 08.00" E	S 82° 23′ 53.00" E	12+48.09	11+72.46	13+23.71
		RV-3	RWEWDT-3	4° 00′ 00.00" LT	2° 00′ 00.00"	100.04′	200.00′	2,864.79′	S 82° 23′ 53.00" E	S 86° 23′ 53.00" E	18+17.89	17+17.85	19+17.85
	R36MAIN	RX-1	R36MAIN-1	16° 41′ 06.56" RT	1° 25′ 56.62"	586.57′	1,164.84′	4,000.00	N 46° 49′ 50.42" E	N 63° 30′ 56.98" E	5+86.57	0+00.00	11+64.84
		RX-2	R36MAIN-2	30° 08′ 21.02" RT	6° 21′ 58.31"	242.33′	473.42′	900.00′	N 63° 30′ 56.98" E	S 86° 20′ 42.00" E	23+01.06	20+58.73	25+32.16
		RX-3	R36MAIN-3	4° 00′ 00.00" LT	2° 51′ 53.24"	69.84′	139.63′	2,000.00′	S 86° 20′ 42.00" E	N 86° 39′ 18.00" E	30+69.32	29+99.48	31+39.11
	R36SFM36	RY-1	R36SFM36-1	4° 00′ 00.12" LT	2° 00′ 00.00"	100.04′	200.00′	2,864.79′	S 34° 55′ 21.12" W	S 30° 55′ 21.00" W	1+00.04	0+00.00	2+00.00
		RY-2	R36SFM36-2	18° 56′ 26.00" LT	3° 00′ 00.00"	318.58′	631.35′	1,909.86′	S 30° 55′ 21.00" W	S 11° 58′ 55.00" W	8+89.00	5+70.42	12+01.77
		RY-3	R36SFM36-3	4° 00′ 00.00" RT	1° 00′ 00.00"	200.08′	400.00′	5,729.58′	S 11° 58′ 55.00" W	S 15° 58′ 55.00" W	17+04.42	15+04.33	19+04.33
	R36SFM21	RZ-1	R36SFM21-1	3° 33′ 03.35" LT	1° 00′ 00.00"	177.60′	355.09′	5,729.58′	N 0° 29′ 33.49" W	N 4° 02′ 36.84" W	1+77.60	0+00.00	3+55.09
		RZ-2	R36SFM21-2	3° 33′ 03.35" RT	1° 00′ 00.00"	177.60′	355.09′	5,729.58′	N 4° 02′ 36.84" W	N 0° 29′ 33.49" W	5+32.70	3+55.09	7+10.19
		RZ-3	R36SFM21-3	18° 22′ 17.51" LT	3° 00′ 00.00"	308.84′	612.38′	1,909.86′	N 0° 29′ 33.49" W	N 18° 51′ 51.00" W	13+23.45	10+14.61	16+26.99
		RZ-4	R36SFM21-4	16° 29′ 09.81" RT	2° 45′ 00.00"	301.83′	599.49′	2,083.48′	N 18° 51′ 51.00" W	N 2° 22′ 41.19" W	23+88.71	20+86.88	26+86.37
		RZ-5	R36SFM21-5	9° 52′ 24.92" RT	3° 30′ 00.00"	141.40′	282.10′	1,637.02′	N 2° 22′ 41.19" W	N 7° 29′ 43.73" E	28+27.77	26+86.37	29+68.47
		RZ-6	R36SFM21-6	11° 33′ 32.27" RT	5° 30′ 00.00"	105.44′	210.16′	1,041.74′	N 7° 29′ 43.73" E	N 19° 03′ 16.00" E	30+73.91	29+68.47	31+78.64

	STREET NAME	LABEL	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION
	RNF21FW21	RBB-1	RNF21FW-1	6° 42′ 19.51" LT	2° 00′ 00.00"	125.08′	250.00′	2,864.79′	N 2° 11′ 53.00" W	N 7° 11′ 53.00" W	1+67.83	0+00.00	3+35.27
		RBB-2	RNF21FW-2	1° 42′ 19.51" RT	2° 00′ 00.00"	42.64′	85.27′	2,864.79′	N 7° 11′ 53.00" W	N 5° 29′ 33.49" W	8+57.58	8+14.94	9+00.21
		RBB-3	RNF21FW-3	5° 00′ 00.00" RT	1° 00′ 00.00"	250.16′	500.00′	5,729.58′	N 5° 29′ 33.49" W	N 0° 29′ 33.49" W	14+93.41	12+43.25	17+43.25
	RFW21NF21	RCC-1	RFW21NF21-1	4° 00′ 00.00" RT	2° 00′ 00.00"	100.04′	200.00′	2,864.79′	N 0° 29′ 33.49" W	N 3° 30′ 26.51" E	1+00.04	0+00.00	2+00.00
		RCC-2	RFW21NF21-2	4° 11′ 47.51" LT	2° 00′ 00.00"	104.96′	209.83′	2,864.79′	N 3° 30′ 26.51" E	N 0° 41′ 21.00" W	12+27.78	11+22.82	13+32.65
		RCC-3	RFW21NF21-3	4° 11′ 37.00" RT	2° 00′ 00.00"	104.89′	209.68′	2,864.79′	N 0° 41′ 21.00" W	N 3° 30′ 16.00" E	30+28.85	29+23.97	31+33.65
		RCC-4	RFW21NF21-4	3° 59′ 49.49" LT	2° 00′ 00.00"	99.97′	199.85′	2,864.79′	N 3° 30′ 16.00" E	N 0° 29′ 33.49" W	36+81.58	35+81.61	37+81.47
	REN121M	RHH-1	REN121M-1	2° 05′ 50.24" LT	1° 30′ 00.00"	69.92′	139.82′	3,819.72′	N 41° 26′ 21.00" E	N 39° 20′ 30.76" E	0+69.92	0+00.00	1+39.82
		RHH-2	REN121M-2	7° 02′ 24.49" RT	3° 30′ 00.00"	100.70′	201.15′	1,637.02′	N 39° 20′ 30.76" E	N 46° 22′ 55.25" E	2+40.52	1+39.82	3+40.97
		RHH-3	REN121M-3	25° 07′ 23.71" RT	4° 46′ 28.73"	267.39′	526.18′	1,200.00′	N 46° 22′ 55.25" E	N 71° 30′ 18.96" E	6+08.35	3+40.97	8+67.15
		RHH-4	REN121M-4	13° 54′ 46.84" RT	2° 02′ 46.60"	641.64′	679.92′	2,800.00′	N 71° 30′ 18.96" E	N 85° 25′ 05.80" E	20+10.66	16+69.02	23+48.94
	RSF21FW21	RJJ-1	RSF21FW21-1	5° 00′ 00.00" LT	1° 00′ 00.00"	250.16′	500.00′	5,729.58′	N 0° 29′ 33.49" W	N 5° 29′ 33.49" W	2+50.16	0+00.00	5+00.00
		RJJ-2	RSF21FW21-2	2° 09′ 42.49" RT	2° 00′ 00.00"	54.05′	108.09′	2,864.79′	N 5° 29′ 33.49" W	N 3° 19′ 51.00" W	7+46.28	6+92.23	8+00.32
		RJJ-3	RSF21FW21-3	2° 10′ 02.00" LT	2° 00′ 00.00"	54.19′	108.36′	2,864.79′	N 3° 19′ 51.00" W	N 5° 29′ 53.00" W	10+92.86	10+38.67	11+47.03
		RJJ-4	RSF21FW21-4	5° 00′ 19.51" RT	2° 00′ 00.00"	125.22′	250.27′	2,864.79′	N 5° 29′ 53.00" W	N 0° 29′ 33.49" W	16+24.79	14+99.58	17+49.85
		DIRECT CONNECTORS											
	DN36NWD	DL-1	DN36NWD-1	5° 15′ 54.77" RT	3° 34′ 12.00"	73.79′	147.48′	1,604.92′	N 32° 00′ 41.14" E	N 37° 16′ 35.91" E	98+76.28	98+02.48	99+49.97
		DL-2	DN36NWD-2	10° 36′ 31.09" RT	1° 34′ 08.43"	339.04′	676.14′	3,651.72′	N 37° 16′ 35.91" E	N 47° 53′ 07.00" E	102+89.01	99+49.97	106+26.10
		DL-3	DN36NWD-3	45° 02′ 44.00" LT	6° 30′ 00.00"	365.53′	693.01′	881.47′	N 47° 53′ 07.00" E	N 2° 50′ 23.00" E	114+71.58	111+06.05	117+99.06
		DL-4	DN36NWD-4	32° 09′ 37.00" RT	6° 30′ 00.00"	254.09′	494.77′	881.47′	N 2° 50′ 23.00" E	N 35° 00′ 00.00" E	127+16.99	124+62.90	129+57.67
	DEM14SM36	DM-3	DEM14SM36-3	32° 23′ 37.00" RT	2° 00′ 00.00"	832.12′	1,619.68′	2,864.79′	S 33° 38′ 30.00" E	S 1° 14′ 53.00" E	3517+48.72	3509+16.59	3525+36.28
		DM-4	DEM14SM36-4	35° 33′ 24.00" RT	2° 00′ 00.00"	918.59′	1,777.83′	2,864.79′	S 1° 14′ 53.00" E	S 34° 18′ 31.00" W	3548+25.47	3539+06.88	3556+84.71
	DEM14SM21	DN-1	DEM14SM21-1	7° 43′ 45.40" RT	2° 00′ 00.00"	193.53′	386.46′	2,864.79′	S 2° 34′ 47.60" W	S 10° 18′ 33.00" W	1640+51.31	1638+57.79	1642+44.25
		DN-2	DEM14SM21-2	29° 13′ 13.00" RT	6° 30′ 00.00"	229.77′	449.54′	881.47′	S 10° 18′ 33.00" W	S 39° 31′ 46.00" W	1649+83.48	1647+53.70	1652+03.25
		DN-3	DEM14SM21-3	5° 02′ 09.83" LT	1° 00′ 00.00"	251.97′	503.61′	5,729.58′	S 39° 31′ 46.00" W	S 34° 29′ 36.17" W	1657+37.57	1654+85.60	1659+89.21
		DN-4	DEM14SM21-4	4° 17′ 10.89" RT	1° 00′ 00.00"	214.42′	428.64′	5,729.58′	S 34° 29′ 36.17" W	S 38° 46′ 47.06" W	1662+03.63	1659+89.21	1664+17.84
10	DEM26EM14	DO-5	DEM26EM14-5	19° 14′ 36.30" LT	2° 00′ 00.00"	485.66′	962.17′	2,864.79′	S 29° 01′ 57.00" E	S 48° 16′ 33.30" E	6409+00.16	6404+14.50	6413+76.67
		DO-6	DEM26EM14-6	3° 28′ 48.96" LT	1° 30′ 00.00"	116.04′	232.02′	3,819.72′	S 48° 16′ 33.30" E	S 51° 45′ 22.25" E	6414+92.72	6413+76.67	6416+08.69
		DO-7	DEM26EM14-7	2° 02′ 27.89" LT	0° 30′ 00.00"	204.13′	408.22′	11,459.16′	S 51° 45′ 22.25" E	S 53° 47′ 50.14" E	6418+12.82	6416+08.69	6420+16.91
	DN36N36	DQ-1	DN36N36-1	4° 00′ 00.00" RT	2° 00′ 00.00"	100.04′	200.00′	2,864.79′	N 49° 37′ 40.51" W	N 45° 37′ 40.51" W	599+00.10	598+00.06	600+00.06
		DQ-2	DN36N36-2	45° 33′ 53.60" RT	2° 00′ 00.00"	1,203.21′	2,278.24′	2,864.79′	N 45° 37′ 40.51" W	N 0° 03′ 46.91" W	617+18.99	605+15.78	627+94.02
		DQ-3	DN36N36-3	32° 04′ 28.05" RT	1° 34′ 08.43"	1,049.68′	2,044.25′	3,651.72′	N 0° 03′ 46.91" W	N 32° 00′ 41.14" E	638+43.71	627+94.02	648+38.27
	36WM14	DR-1	36WM14-1	7° 31′ 04.86" RT	1° 33′ 31.55"	241.50′	482.31′	3,675.72′	N 32° 00′ 41.14" E	N 39° 31′ 46.00" E	2564+25.40	2561+83.90	2566+66.20
		DR-2	36WM14-2	11° 29′ 17.00" RT	1° 30′ 00.00"	384.22′	765.87′	3,819.72′	N 39° 31′ 46.00" E	N 51° 01′ 03.00" E	2576+61.41	2572+77.18	2580+43.05
		DR-3	36WM14-3	106° 11′ 13.00" LT	6° 00′ 00.00"	1,271.55′	1,769.78′	954.93′	N 51° 01′ 03.00" E	N 55° 10′ 10.00" W	2613+27.98	2600+56.44	2618+26.22
		DR-4	36WM14-4	17° 31′ 40.00" RT	1° 45′ 00.00"	504.74′	1,001.59′	3,274.04′	N 55° 10′ 10.00" W	N 37° 38′ 30.00" W	2627+06.83	2622+02.09	2632+03.68
	DNM21NM36	DS-1	DNM21NM36-1	4° 00′ 00.00" RT	2° 00′ 00.00"	100.04′	200.00′	2,864.79′	N 0° 29′ 33.49" W	N 3° 30′ 26.51" E	601+00.04	600+00.00	602+00.00
		DS-2	DNM21NM36-2	2° 10′ 21.49" RT	1° 00′ 00.00"	108.64′	217.26′	5,729.58′	N 3° 30′ 26.51" E	N 5° 40′ 48.00" E	608+56.54	607+47.90	609+65.16
		DS-3	DNM21NM36-3	10° 38′ 05.00" LT	2° 00′ 00.00"	266.63′	531.74′	2,864.79′	N 5° 40′ 48.00" E	N 4° 57′ 17.00" W	615+59.03	612+92.39	618+24.13
		DS-4	DNM21NM36-4	4° 19′ 43.79" RT	1° 00′ 00.00"	216.54′	432.88′	5,729.58′	N 4° 57′ 17.00" W	N 0° 37′ 33.21" W	622+74.47	620+57.93	624+90.81
10	DWM14WM26	DU-5	DWM14WM26-5	22° 38′ 38.05" RT	3° 15′ 00.00"	352.97′	696.74′	1,762.95′	S 56° 48′ 53.05" E	S 34° 10′ 15.00" E	5403+01.95	5399+48.98	5406+45.71
		DU-6	DWM14WM26-6	10° 12′ 37.16" LT	2° 30′ 00.00"	204.75′	408.41′	2,291.83′	S 34° 10′ 15.00" E	S 44° 22′ 52.16" E	5416+88.84	5414+84.09	5418+92.50
		DU-7	DWM14WM26-7	2° 49′ 32.64" LT	1° 15′ 00.00"	113.05′	226.06′	4,583.66′	S 44° 22′ 52.16" E	S 47° 12′ 24.81" E	5420+05.55	5418+92.50	5421+18.56
		DU-8	DWM14WM26-8	9° 40′ 34.78" LT	3° 15′ 00.00"	149.22′	297.73′	1,762.95′	S 47° 12′ 24.81" E	S 56° 52′ 59.59" E	5422+67.78	5421+18.56	5424+16.29
	360ML2	MP-1	360ML2-1	1° 32′ 42.72" RT	0° 45′ 00.00"	103.02′	206.03′	7,639.44′	S 52° 51′ 45.32" W	S 54° 24′ 28.04" W	198+77.54	197+74.52	199+80.55
		MP-2	360ML2-2	11° 35′ 26.04" LT	1° 15′ 00.00"	465.21′	927.25′	4,583.66′	S 54° 24′ 28.04" W	S 42° 49′ 02.00" W	204+45.76	199+80.55	209+07.79
		MP-3	360ML2-3	8° 30′ 31.00" LT	1° 00′ 00.00"	426.21′	850.86′	5,729.58′	S 42° 49′ 02.00" W	S 34° 18′ 31.00" W	221+58.30	217+32.08	225+82.94
		MP-4	360ML2-4	18° 19′ 36.00" LT	1° 45′ 00.00"	528.13′	1,047.24′	3,274.04′	S 34° 18′ 31.00" W	S 15° 58′ 55.00" W	239+77.32	234+49.19	244+96.43
		MP-5	360ML2-5	28° 14′ 26.40" LT	3° 00′ 00.00"	480.44′	941.36′	1,909.86′	S 15° 58′ 55.00" W	S 12° 15′ 31.40" E	257+84.19	253+03.74	262+45.10
		MP-6	360ML2-6	41° 31′ 09.60" LT	2° 45′ 00.00"	789.76′	1,509.79′	2,083.48′	S 12° 15′ 31.40" E	S 53° 46′ 41.00" E	270+34.86	262+45.10	277+54.89
		MP-7	360ML2-7	4° 09′ 00.49" RT	1° 00′ 00.00"	207.60′	415.01′	5,729.58′	S 53° 46′ 41.00" E	S 49° 37′ 40.51" E	289+79.88	287+72.28	291+87.29
	360ML3	MQ-1	360ML3-1	3° 57′ 26.01" LT	1° 00′ 00.00"	197.94′	395.72′	5,729.58′	S 0° 05′ 22.66" E	S 4° 02′ 48.67" E	262+35.34	260+37.40	264+33.12
		MQ-2	360ML3-2	35° 14′ 38.92" LT	3° 00′ 00.00"	606.65′	1,174.80′	1,909.86′	S 4° 02′ 48.67" E	S 39° 17′ 27.59" E	270+39.77	264+33.12	276+07.93
		MQ-3	360ML3-3	10° 20′ 12.92" LT	2° 00′ 00.00"	259.13′	516.85′	2,864.79′	S 39° 17′ 27.59" E	S 49° 37′ 40.51" E	278+67.05	276+07.93	281+24.77
		CROSS-STREETS											
	CSMAIN	CN-1	CSMAIN-1	1° 11′ 32.93" LT	1° 00′ 00.00"	59.63′	119.25′	5,729.58′	N 0° 42′ 45.07" W	N 1° 54′ 18.00" W	98+58.36	97+98.73	99+17.98
		U-TURNS											
	UTRNSMN	UT-1	UTRNSMN-1	90° 07′ 22.73" LT	51° 37′ 04.15"	111.24′	174.60′	111.00′	S 0° 29′ 53.27" E	N 89° 22′ 44.00" E	1+71.24	0+60.00	2+34.60
		UT-2	UTRNSMN-2	33° 34′ 54.33" LT	5° 27′ 44.58"	316.50′	614.78′	1,048.92′	N 89° 22′ 44.00" E	N 55° 47′ 49.67" E	6+59.69	3+43.18	9+57.97
		UT-3	UTRNSMN-3	90° 11′ 26.39" LT	37° 56′ 39.21"	151.50′	237.69′	151.00′	N 55° 47′ 49.67" E	N 34° 23′ 36.73" W	11+09.47	9+57.97	11+95.66
		UT-4	UTRNSMN-4	1° 11′ 06.79" RT	1° 58′ 30.65"	30.00′	60.01′	2,900.79′	N 34° 23′ 36.73" W	N 33° 12′ 29.93" W	12+25.66	11+95.66	12+55.66
	UTRNMSE	UF-1	UTRNMSE-1	101° 32′ 19.00" RT	37° 56′ 39.21"	184.94′	267.60′	151.00′	S 77° 36′ 29.00" W	N 0° 51′ 12.00" W	1+84.94	0+00.00	2+67.60
		UF-2	UTRNMSE-2	95° 33′ 56.00" RT	43° 44′ 14.05"	144.39′	218.50′	131.00′	N 0° 51′ 12.00" W	S 85° 17′ 16.00" E	7+83.43	6+39.04	8+57.54
	UTRNMSW	UG-1	UTRNMSW-1	90° 30′ 30.00" LT	43° 44′ 14.05"	132.17′	206.94′	131.00′	N 89° 39′ 18.00" E	N 0° 51′ 12.00" W	1+32.17	0+00.00	2+06.94
		UG-2	UTRNMSW-2	82° 46′ 15.21" LT	43° 44′ 14.05"	115.43′	189.25′	131.00′	N 0° 51′ 12.00" W	N 83° 37′ 27.21" W	7+61.50	6+46.06	8+35.31

XX GEOMETRIC REFINEMENT ID

ID	PROPOSED DESIGN REFINEMENT
6	MODIFY HORIZONTAL & VERTICAL GEOMETRY OF NB121/EB 114 MAINLANES TO MATCH SH121 TERMINI.
7	MODIFY HORIZONTAL & VERTICAL GEOMETRY OF EXIT RAMP EB SH114 TO TEXAN TRAIL, TO REDUCE LAST SPAN (56′) OF MAIN STREET OVERPASS STRUCTURE AT SOUTH ABUTMENT.
8	MODIFY HORIZONTAL & VERTICAL GEOMETRY OF ENTRANCE RAMP TEXAN TRAIL TO SB121, TO ELIMINATE LAST SPAN OF OVERPASS STRUCTURE (32′) AT NORTH ABUTMENT.
10	RAISE THE PROFILES OF SH26 TO SH114 DIRECT CONNECTORS TO CARRY TRAFFIC OVER SH114 THIS ELIMINATES LARGE DRILLED SHAFT WALLS, DIFFICULT TRENCHING WITH POTENTIAL UTILITY CONFLICTS, IMPROVES CONSTRUCTION SEQUENCING/TRAFFIC CONTROL, AND REDUCES CONSTRUCTION.(ATC 4)



DEVELOPER'S SCHEMATIC
DFW CONNECTOR PROJECT
DALLAS & TARRANT COUNTIES

STATE HIGHWAY 114
FROM BUSINESS 114L TO INTERNATIONAL PARKWAY
AND
STATE HIGHWAY 121
FROM SH 360 TO FM 2499

D.2.6
EXHIBIT 2, APPENDIX 3: SCHEMATICS
ROLL 2 OF 4

DESIGN SPEED

FUNCTIONAL CLASSIFICATION, DESIGN SPEED:
MAINLANES-URBAN FREEWAY-70 MPH
COLLECTOR DISTRIBUTOR -URBAN FREEWAY-50 MPH
RAMP-URBAN FREEWAY-50 MPH
FRONTAGE ROADS-COLLECTOR-40 MPH
CROSS STREETS-COLLECTOR-30 MPH
TURNABOUTS, UTURNS-COLLECTOR-20 MPH
FM 2499-URBAN FREEWAY-55 MPH

CONFIGURATION 2 WITH DEFERRALS
BEST AND FINAL OFFER

DFW CONNECTOR PROJECT LOCATION

SCALE
0 1 2 3 4 MILE

DALLAS AND TARRANT COUNTIES

NOT FOR CONSTRUCTION OR
PERMIT PURPOSES
PREPARED UNDER THE SUPERVISION OF
WILLIAM M. FRYE, P.E. #81465
MAY 18, 2009

NorthGate Constructors