TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM HALE, P.E. – DISTRICT ENGINEER

DESIGN SCHEMATIC

IH 35E/US 67
DALLAS COUNTY

US 67: FROM FM 1382 TO 0.606 MILES SOUTH OF IH 20
CSJ: 0261–02–044
US 67: FROM 0.606 MILES SOUTH OF IH 20 TO IH 35E
CSJ: 0261–03–030
IH 35E: FROM IH 20 TO SOUTH OF IH 30 (EIGHTH STREET)
CSJ: 0442–02–088

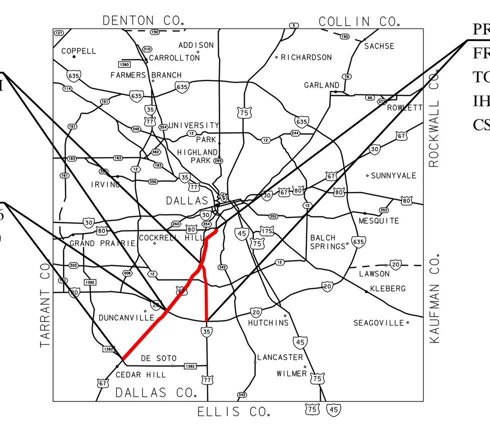
PROJECT LENGTH = 22.9 MILES

DESIGN SPEED
MAINLANES – 70 MPH – BASED ON URBAN INTERSTATE FREEWAY
RAMPS – 50 MPH – BASED ON MID RANGE
DIRECT CONNECTORS – 50 MPH – BASED ON MID RANGE
FRONTAGE ROADS – 45 MPH
CROSS STREETS – 45 MPH (30 MPH WHERE NOTED)
HOV – 70 MPH

HIGHWAY CLASSIFICATION
URBAN FREEWAY

PROJECT LOCATION
FROM 0.606 MILES SOUTH OF IH 20 TO IH 35E
CSJ: 0261–03–030

PROJECT LOCATION
FROM FM 1382 TO 0.606 MILES SOUTH OF IH 20
CSJ: 0261–02–044



PROJECT LOCATION
FROM IH 20
TO SOUTH OF
IH 30 (EIGHTH STREET)
CSJ: 0442–02–088

THOMAS D. O'GRADY, P.E.

SERIAL NO. 83355
DATE: ____________

DATE APPROVED

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

DATE SUBMITTED

DATE REVISED

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0 100 200 HORIZONTAL
0 20 40 VERTICAL
SCALE IN FEET

JUNE 2004

ROLL 13 OF 52

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

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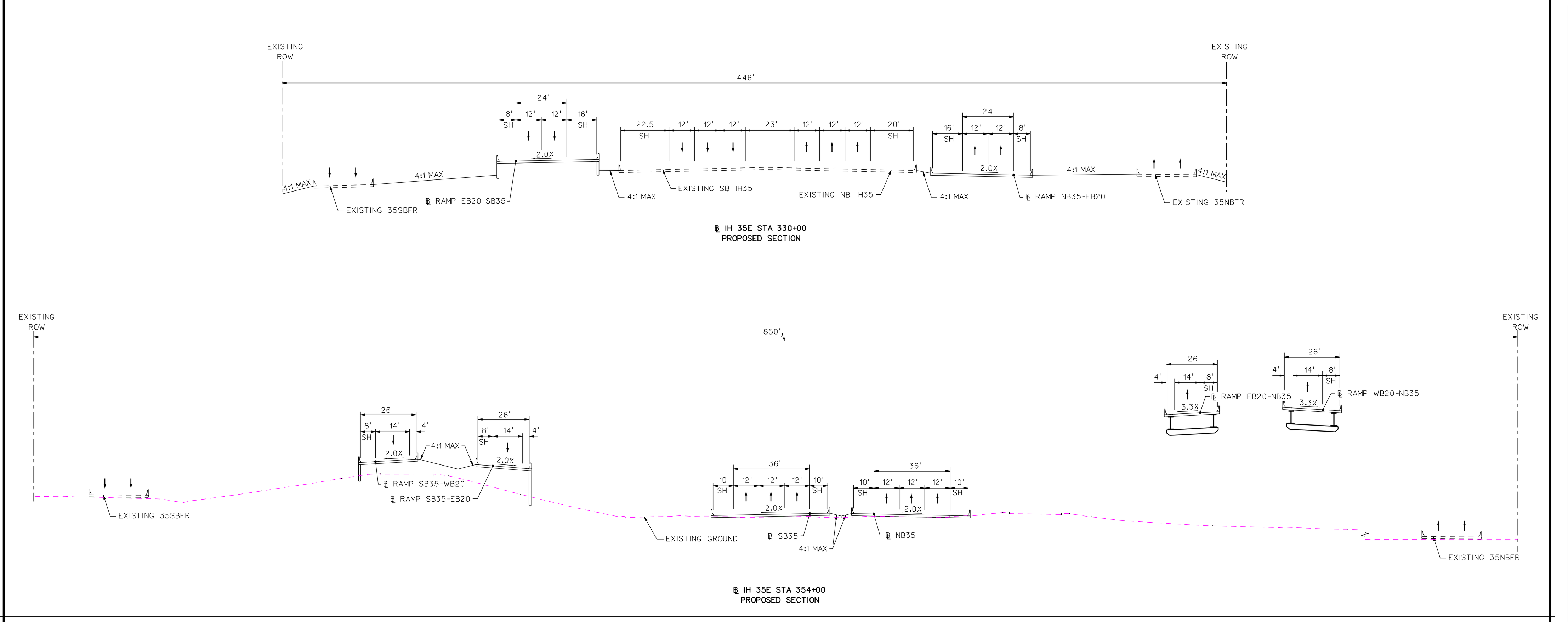
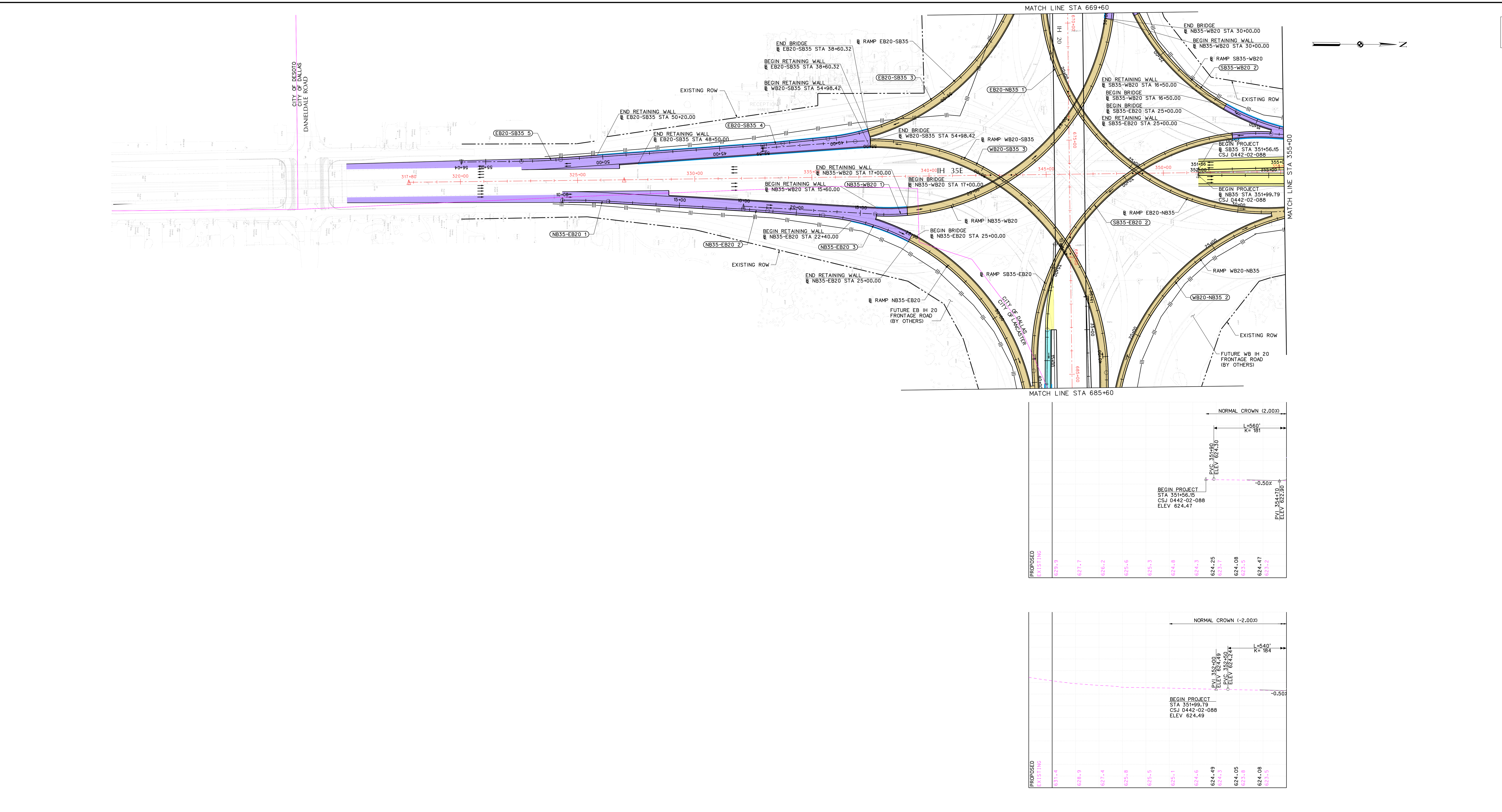


CURVE NO.	STATION		COORDINATE N	COORDINATE E	BEARING/ DELTA	LENGTH (FT)	TANGENT (FT)	RADIUS (FT)
℄ RAMP EB20-NB35								
	POB	10+00.00	6921478.9430	2483518.9740	N 86°56'48.1" E			
	PC	16+59.47	6921514.0698	2484177.5122	N 86°56'48.1" E			
EB20-NB35 1	PI	26+55.40	6921567.1177	2485172.0239	92°06'16.3"	1543.23	995.93	-960.00
	PT	32+02.70	6922559.0105	2485082.4907	N 5°09'28.2" W			
	PC	46+00.79	6923951.4420	2484956.8029	N 5°09'28.2" W			
EB20-NB35 2	PI	47+00.81	6924051.0600	2484947.8109	4°05'30.3"	199.96	100.02	2800.00
	PT	48+00.75	6924151.0656	2484945.9499	N 1°03'57.8" W			
	POE	49+16.52	6924266.8150	2484943.7960	N 1°03'57.8" W			
℄ RAMP EB20-SB35								
	POB	8+45.04	6921497.4800	2482044.4680	N 88°58'10.5" E			
	PC	10+00.00	6921500.2667	2482199.4045	N 88°58'10.5" E			
EB20-SB35 1	PI	10+98.73	6921502.0423	2482298.1232	4°02'20.8"	197.39	98.73	2800.00
	PT	11+97.39	6921496.8600	2482396.7218	S 86°59'28.8" E			
	PC	14+63.06	6921482.9156	2482662.0289	S 86°59'28.8" E			
EB20-SB35 2	PI	15+13.45	6921480.2708	2482712.3488	2°03'43.2"	100.77	50.39	-2800.00
	PT	15+63.83	6921479.4383	2482762.7313	S 89°03'11.9" E			
	PC	26+47.55	6921461.5330	2483846.3072	S 89°03'11.9" E			
EB20-SB35 3	PI	34+94.79	6921447.5349	2484693.4342	82°51'34.8"	1388.33	847.24	960.00
	PT	40+35.88	6920605.2376	2484784.8425	S 6°11'37.1" E			
	PC	42+29.62	6920412.6315	2484805.7446	S 6°11'37.1" E			
EB20-SB35 4	PI	42+72.82	6920369.6881	2484810.4049	1°46'03.6"	86.38	43.20	2800.00
	PT	43+16.00	6920326.6213	2484813.7384	S 4°25'33.5" E			
	PC	51+80.19	6919465.0097	2484880.4289	S 4°25'33.5" E			
EB20-SB35 5	PI	52+64.09	6919381.3615	2484886.9034	3°25'57.2"	167.75	83.90	2800.00
	PT	53+47.94	6919297.4757	2484888.3580	S 0°59'36.3" E			
	POE	56+04.37	6919041.0780	2484892.8040	S 0°59'36.3" E			
℄ RAMP NB35-EB20								
	POB	5+70.36	6919043.9920	2485060.7790	N 0°59'36.7" W			
	PC	10+00.00	6919473.5692	2485053.3293	N 0°59'36.7" W			
NB35-EB20 1	PI	10+97.78	6919571.3338	2485051.6339	4°00'00.2"	195.48	97.78	2800.00
	PT	11+95.48	6919668.9786	2485056.7624	N 3°00'23.5" E			
	PC	17+73.00	6920245.7062	2485087.0534	N 3°00'23.5" E			
NB35-EB20 2	PI	18+24.99	6920297.6261	2485089.7803	1°08'44.5"	103.98	51.99	5200.00
	PT	18+76.98	6920349.4810	2485093.5448	N 4°09'08.0" E			
	PC	21+14.34	6920586.2190	2485110.7313	N 4°09'08.0" E			
NB35-EB20 3	PI	29+36.41	6921406.1275	2485170.2542	81°08'53.3"	1359.65	822.07	960.00
	PT	34+73.99	6921473.4812	2485989.5567	N 85°18'01.3" E			
	PC	48+67.93	6921587.6895	2487378.8082	N 85°18'01.3" E			
NB35-EB20 4	PI	49+57.61	6921595.0375	2487468.1904	3°40'08.8"	179.31	89.68	2800.00
	PT	50+47.24	6921596.6505	2487557.8596	N 88°58'10.1" E			
	POE	56+12.95	6921606.8250	2488123.4840	N 88°58'10.1" E			
℄ RAMP NB35-WB20								
	POB	10+00.00	6920246.3360	2485075.0700	N 3°00'23.6" E			
	PC	15+63.11	6920808.6688	2485104.6051	N 3°00'23.6" E			
NB35-WB20 1	PI	26+52.09	6921896.1528	2485161.7224	97°12'14.4"	1628.67	1088.98	-960.00
	PT	31+91.78	6921816.4460	2484075.6604	S 85°48'09.2" W			
	PC	46+41.81	6921710.3122	2482629.5127	S 85°48'09.2" W			
NB35-WB20 2	PI	47+19.21	6921704.6467	2482552.3156	3°10'01.3"	154.77	77.40	2800.00
	PT	47+96.58	6921703.2547	2482474.9235	S 88°58'10.5" W			
	POE	50+30.67	6921699.0450	2482240.8740	S 88°58'10.5" W			
℄ RAMP SB35-EB20								
	POB	5+64.38	6924264.9560	2484805.8090	S 1°03'57.6" E			
	PC	10+00.00	6923829.4108	2484813.9134	S 1°03'57.6" E			
SB35-EB20 1	PI	10+97.83	6923731.5991	2484815.7335	4°00'07.4"	195.58	97.83	2800.00
	PT	11+95.58	6923633.8990	2484810.7225	S 2°56'09.8" W			
	PC	23+33.75	6922497.2245	2484752.4240	S 2°56'09.8" W			
SB35-EB20 2	PI	34+09.15	6921423.2378	2484697.3407	96°29'23.6"	1616.70	1075.40	-960.00
	PT	39+50.45	6921489.8981	2485770.6710	N 86°26'46.1" E			
	POE	50+65.44	6921559.0124	2486883.5150	N 86°26'46.1" E			
℄ RAMP SB35-WB20								
	PC	10+00.00	6922928.0201	2484774.5191	S 2°56'09.9" W			
SB35-WB20 1	PI	10+48.87	6922879.2096	2484772.0157	2°00'00.1"	97.74	48.87	2800.00
	PT	10+97.74	6922830.5161	2484767.8103	S 4°56'09.9" W			
	PC	12+36.01	6922692.7540	2484755.9125	S 4°56'09.9" W			
SB35-WB20 2	PI	20+37.57	6921894.1696	2484686.9428	79°43'14.7"	1335.73	801.56	960.00
	PT	25+71.75	6921819.5281	2483888.8685	S 84°39'24.6" W			
	PC	33+81.24	6921744.1478	2483082.8944	S 84°39'24.6" W			
SB35-WB20 3	PI	34+09.25	6921741.5397	2483055.0085	1°08'46.3"	56.01	28.01	2800.00
	PT	34+37.25	6921739.4900	2483027.0760	S 85°48'10.9" W			
℄ RAMP WB20-NB35								
	PC	10+00.00	6921812.1867	2486601.6354	S 89°04'40.5" W			
WB20-NB35 1	PI	10+97.78	6921810.6132	2486503.8701	4°00'00.0"	195.48	97.78	2800.00
	PT	11+95.48	6921815.8632	2486406.2331	N 86°55'19.5" W			
	PC	16+19.38	6921838.6244	2485982.9372	N 86°55'19.5" W			
WB20-NB35 2	PI	24+33.79	6921882.3528	2485169.7065	80°37'06.6"	1350.78	814.41	960.00
	PT	29+70.16	6922691.8346	2485080.2873	N 6°18'13.0" W			
	POE	34+57.59	6923176.3180	2485026.7690	N 6°18'13.0" W			
℄ RAMP WB20-SB35								
	POB	7+27.06	6921820.2590	2488979.7840	S 88°58'10.5" W			
	PC	10+00.00	6921815.3508	2488706.8921	S 88°58'10.5" W			
WB20-SB35 1	PI	10+98.74	6921813.5752	2488608.1715	4°02'21.0"	197.39	98.74	2800.00
	PT	11+97.39	6921818.7577	2488509.5710	N 86°59'28.4" W			
	PC	14+53.35	6921832.1929	2488253.9611	N 86°59'28.4" W			
WB20-SB35 2	PI	15+49.44	6921837.2363	2488158.0073	3°55'51.0"	192.10	96.09	-2800.00
	PT	16+45.45	6921835.6901	2488061.9334	S 89°04'40.5" W			
	PC	39+31.57	6921798.9004	2485776.1062	S 89°04'40.5" W			
WB20-SB35 3	PI	49+94.68	6921781.7922	2484713.1385	93°30'14.3"	1631.95	1063.11	-1000.00
	PT	55+63.53	6920721.8573	2484795.1811	S 4°25'33.8" E			
	POE	59+59.02	6920327.5470	2484825.7020	S 4°25'33.8" E			



THESE ARE PRELIMINARY DESIGN CONCEPTS
Subject to change based on further developments resulting from public input and technical review.

NOTES:
1. THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. LOCATIONS OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

2. EXISTING ROW IS APPROXIMATE BASED ON AS–BUILT PLANS.

3. TRAFFIC VOLUMES SHOWN ON ROLLS 44–46 OF 46.

4. DESIGN BASED ON NAD83 COORDINATES.

5. FACILITY WILL BE CONTINUOUSLY LIGHTED.

6. SEE ROLL 34 OF 52 FOR HOV, RAMP AND CROSS STREET PROFILES.

LEGEND
- Main Lane
- Managed HOV
- Direct Connector
- Frontage Road/Cross Street
- Ramp
- Bridge Structure
- Existing ROW (approx.)
- Proposed ROW
- Existing Centerline
- Proposed Baseline
- Displaced Building
- Control of Access
- Proposed Retaining Wall
- Proposed Noise Wall
- —W— Existing Water Line
- —SS— Existing Sanitary Sewer Line
- —E— Existing Electric
- —T— Existing Telephone Line
- —Gas— Existing Gas Line
- —CATV— Existing Cable

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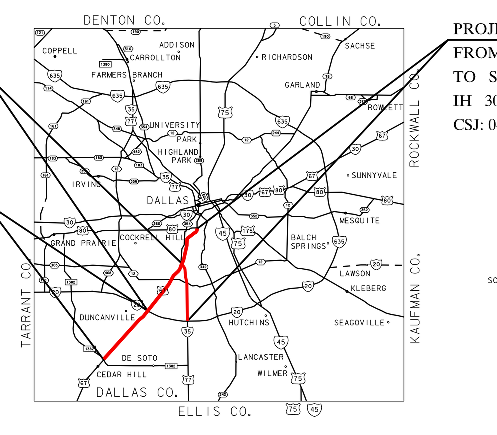

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