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

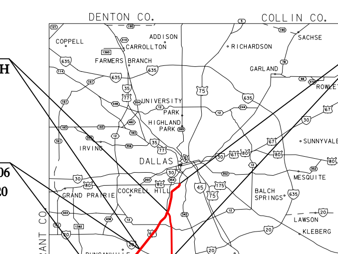
DESIGN SPEED

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

N
DALLAS COUNTY
SCALE 0 1 2 3 4 MILES
DALLAS DISTRICT

PREPARED BY CHIANG, PATEL & YERBY, INC.
UNDER THE SUPERVISION OF:

WILLIAM A. PARSONS, P.E.
SERIAL NO. 71746
DATE: ______

KARA K. HUFFMAN, P.E.
SERIAL NO. 88525
DATE: ______

REVIEWED BY HNTB:
THOMAS D. O'GRADY, P.E.
SERIAL NO. 83355
DATE: ______

DATE APPROVED

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

DATE SUBMITTED

DATE REVISED

TABLE OF CONTENTS:

	ROLL
PLAN/PROFILE	1–21
PROFILES	22–43
TRAFFIC VOLUMES	44–46
LARGE SIGNS	47–52

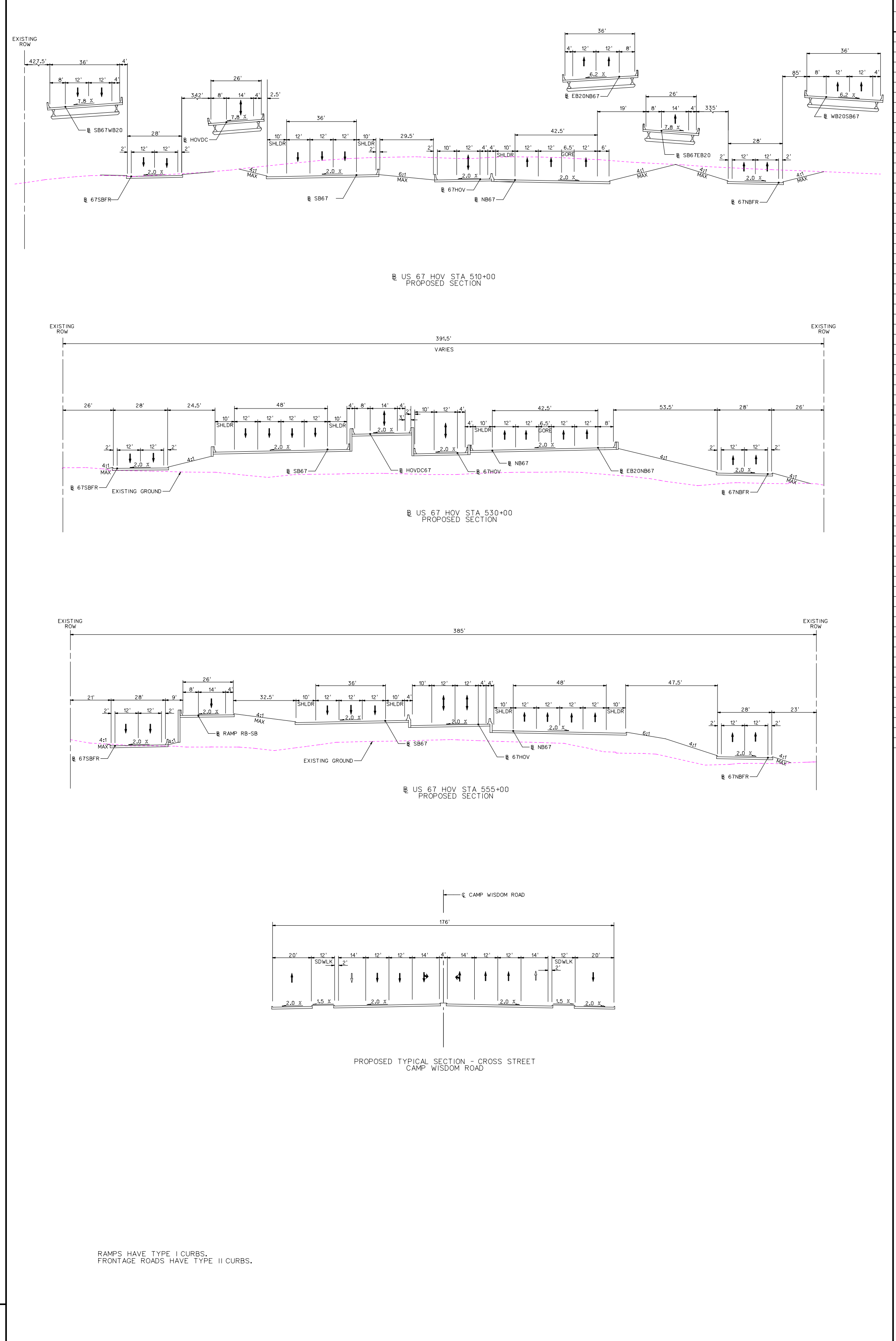
© 2004 by Texas Department of Transportation: (512) 416–2055; all rights reserved

0 100 200
HORIZONTAL
0 20 40
VERTICAL
SCALE IN FEET

JUNE 2004

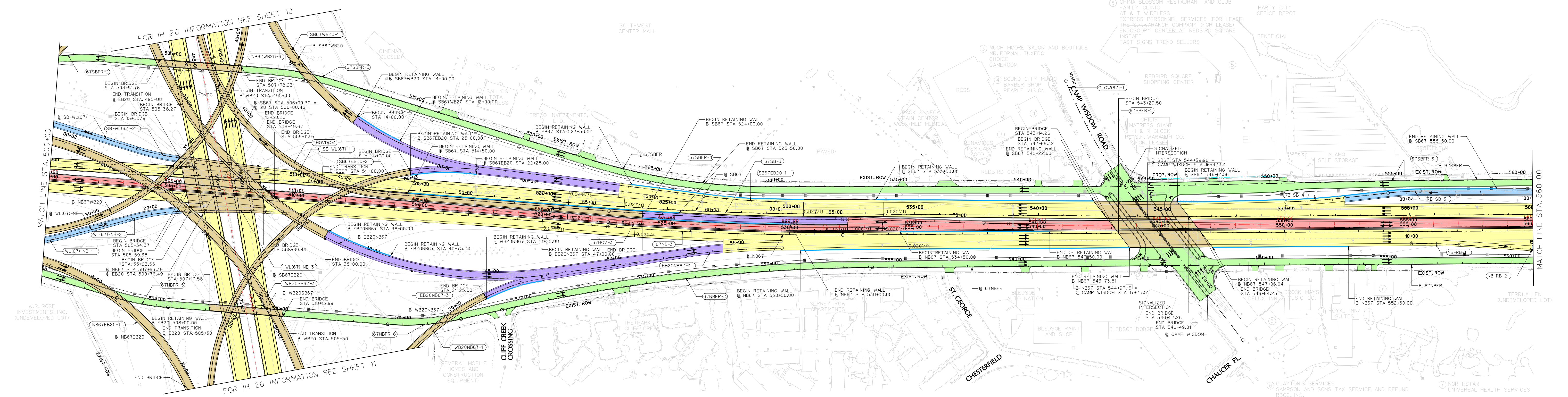
ROLL 6 OF 52

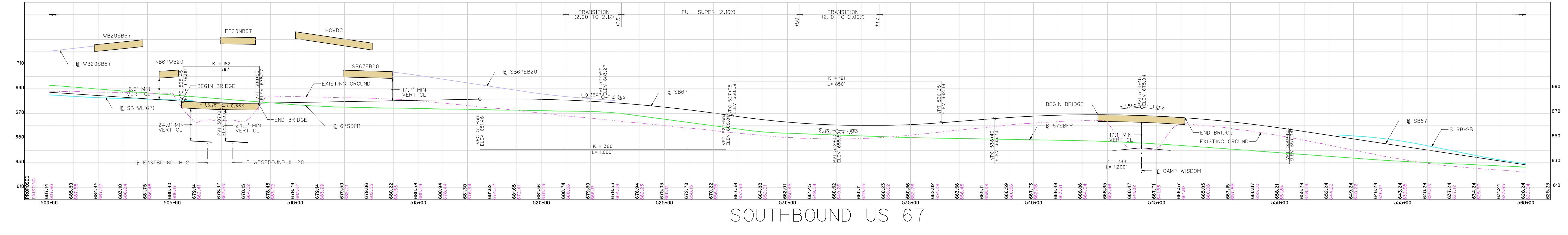
HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies
CP&Y Chiang, Patel & Yerby, Inc.



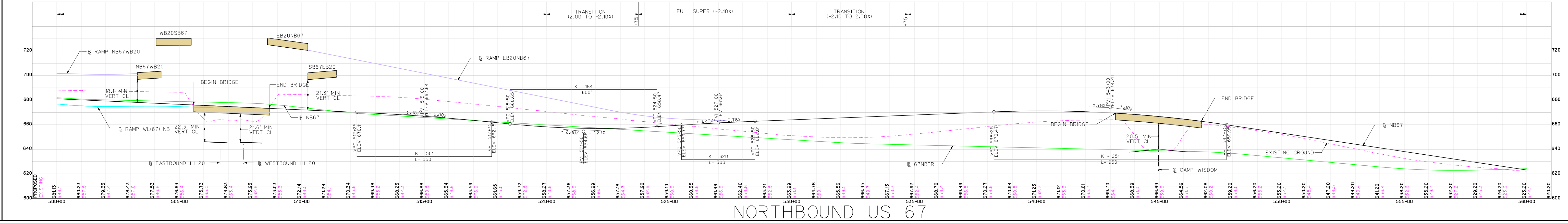
CURVE NO.	STATION		COORDINATE N	COORDINATE E	BEARING/ DELTA	LENGTH (FT)	TANGENT (FT)	RADIUS (FT)
BL US 67 HOV								
	PC	522+65.50	6,926,898.8512	2,469,117.4430	N 40°57'47.97" E			
67HOV-3	PI	527+39.85	6,927,257.0495	2,469,428.4177	4°44'52.55" (LT)	948.1642	474.3536	11,442.00
	PT	532+13.67	6,927,639.7587	2,469,708.6765	N 36°12'55.42" E			
BL US 67 NORTHBOUND								
	PC	522+65.52	6,926,887.0652	2,469,131.0494	N 40°57'47.25" E			
67NB-3	PI	527+40.60	6,927,245.8130	2,469,442.4990	4°44'51.83" (LT)	949.6158	475.0798	11,460.00
	PT	532+15.14	6,927,629.1081	2,469,723.1868	N 36°12'55.43" E			
BL US 67 SOUTHBOUND								
	PC	522+65.86	6,926,942.7887	2,469,066.8634	N 40°57'47.28" E			
67SB-3	PI	527+37.42	6,927,298.8756	2,469,376.0030	4°44'51.83" (LT)	942.5725	471.5561	11,375.00
	PT	532+08.44	6,927,679.3278	2,469,654.6090	N 38°35'21.36" E			
CL IH 20								
	POB	460+00.00	6,927,512.8442	2,464,470.9492	S 63°45'10.33" E			
	POE	540+69.16	6,923,944.3083	2,471,708.1375	S 63°45'10.33" E			
CL CAMP WISDOM ROAD								
	PC	10+00.00	6,928,723.8620	2,469,760.4130	S 75°23'43.88" E			
CLCW67-1	PI	12+76.98	6,928,654.0220	2,470,028.4470	15°46'10.84" (LT)	550.4656	276.9835	2,000.00
	PT	15+50.47	6,928,659.6545	2,470,305.3733	S 88°50'05.29" E			
BL EASTBOUND-NORTHBOUND DIRECT CONNECTOR								
	PC	23+12.08	6,926,003.5091	2,467,057.2305	S 59°13'11.66" E			
EB20NB67-2	PI	38+72.15	6,925,205.1510	2,468,397.5472	92°14'57.28" (LT)	2,415.0796	1,560.0719	1,500.00
	PT	47+27.16	6,926,575.7679	2,469,142.6873	N 28°31'51.06" E			
	PC	52+98.92	6,927,078.0944	2,469,415.7787	N 28°31'51.06" E			
EB20NB67-3	PI	54+90.45	6,927,246.3601	2,469,507.2568	7°49'33.78" (RT)	382.4530	191.5244	2,800.00
	PT	56+81.37	6,927,400.6023	2,469,620.7950	N 36°21'24.84" E			
BL HOV DIRECT CONNECTOR								
	PC	35+79.56	6,926,049.9950	2,467,485.1735	S 63°45'10.33" E			
HOVDC-1	PI	42+32.06	6,925,761.4326	2,468,070.3940	75°17'02.38" (LT)	1,111.6047	652.4961	846.00
	PT	46+91.17	6,926,254.1530	2,468,498.1531	N 40°57'47.29"			
	PC	55+84.01	6,926,928.3651	2,469,083.4755	N 40°57'47.29" E			
HOVDC-2	PI	60+56.48	6,927,285.1416	2,469,393.2138	4°44'51.87" (LT)	944.3978	472.4693	11,397.00
	PT	65+28.40	6,927,666.3306	2,469,672.3593	N 36°12'55.42" E			
	PC	71+01.08	6,928,116.6971	2,470,026.0782	N 38°12'55.43" E			
HOVDC-3	PI	71+49.96	6,928,155.0976	2,470,056.3131	2°00'00.10" (LT)	97.7398	48.8748	2,800.00
	PT	71+98.82	6,928,194.5299	2,470,085.1894	N 36°12'55.34" E			
BL NORTHBOUND-EASTBOUND DIRECT CONNECTOR								
	PC	13+15.15	6,924,984.0069	2,467,918.3021	N 55°47'29.28" E			
NB67EB20-1	PI	18+03.57	6,925,258.5992	2,468,322.2230	53°55'52.41" (RT)	903.6263	488.4189	960.00
	PT	22+18.78	6,925,093.7734	2,468,781.9898	S 70°16'38.31" E			
BL NORTHBOUND-WESTBOUND DIRECT CONNECTOR								
	PC	23+30.63	6,924,706.8113	2,467,489.2073	N 55°47'29.30" E			
NB67WB20-3	PI	42+54.55	6,925,788.4518	2,469,080.2834	126°57'48.01" (LT)	2,127.2911	1,923.9203	960.00
	PT	44+57.92	6,926,409.3596	2,467,259.3104	N 71°10'18.71" W			
BL RAMP NB-RB								
	PC	10+00.00	6,929,455.1428	2,471,119.8907	N 36°12'55.97" E			
NB-RB-1	PI	10+96.89	6,929,533.3167	2,471,177.1379	3°58'20.47" (RT)	193.7098	96.8937	2,794.00
	PT	11+93.71	6,929,607.3369	2,471,239.8631	N 40°11'16.44" E			
	PC	14+86.07	6,929,830.6778	2,471,428.3199	N 40°11'16.44" E			
NB-RB-2	PI	15+53.43	6,929,882.1393	2,471,471.7896	3°51'29.57" (LT)	134.6771	67.3640	2,000.00
	PT	16+20.74	6,929,936.4092	2,471,511.6981	N 36°19'46.87" E			
BL US 67 NORTHBOUND FRONTAGE ROAD								
	PC	503+37.33	6,925,121.3279	2,468,180.6564	N 53°01'53.98" E			
67NBFR-5	PI	504+43.04	6,925,184.8984	2,468,265.1144	12°04'06.67" (LT)	210.6354	105.7088	1,000.00
	PT	505+47.97	6,925,264.7225	2,468,334.4143	N 40°57'47.31" E			
	PC	514+38.44	6,925,937.1493	2,468,918.1869	N 40°57'47.31" E			
67NBFR-6	PI	515+88.80	6,926,050.6857	2,469,016.7545	17°06'04.00" (LT)	298.4707	150.3532	1,000.00
	PT	571+36.92	6,926,188.1870	2,469,077.5777	N 23°51'43.30" E			
	PC	519+07.30	6,926,344.0087	2,469,146.5049	N 23°51'43.30" E			
67NBFR-7	PI	526+63.96	6,927,035.9948	2,469,452.6024	12°20'19.82" (RT)	1,507.4734	756.6633	7,000.00
	PT	534+14.78	6,927,646.5858	2,469,899.5018	N 36°12'03.16" E			

CURVE NO.	STATION		COORDINATE N	COORDINATE E	BEARING/ DELTA	LENGTH (FT)	TANGENT (FT)	RADIUS (FT)
BL US 67 SOUTHBOUND FRONTAGE ROAD								
	PC	499+24.71	6,925,415.1803	2,467,199.0048	N 26°19'09.80" E			
67SBFR-2	PI	500+78.90	6,925,553.3857	2,467,267.3684	14°38'37.49" (RT)	306.6979	154.1892	1,200.00
	PT	502+31.32	6,925,669.8188	2,467,368.4507	N 40°57'47.29" E			
	PC	509+00.80	6,926,175.3619	2,467,807.3419	N 40°57'47.29" E			
67SBFR-3	PI	510+36.26	6,926,277.6507	2,467,896.1447	12°52'50.81" (RT)	269.7744	135.4582	1,200.00
	PT	511+70.50	6,926,357.5693	2,468,005.5154	N 53°50'38.10" E			
	PC	522+31.46	6,926,983.5269	2,468,862.1549	N 53°50'38.10" E			
67SBFR-4	PI	526+11.33	6,927,207.6400	2,469,168.8596	17°16'45.78" (LT)	753.9554	379.8611	2,500.00
	PT	529+85.37	6,927,512.7393	2,469,395.1534	N 36°33'52.31" E			
	PC	542+57.62	6,928,534.5965	2,470,153.0705	N 36°33'52.31" E			
67SBFR-5	PI	543+37.04	6,928,598.3847	2,470,200.3826	1°12'48.19" (LT)	158.8320	79.4190	7,500.00
	PT	544+16.45	6,928,663.1605	2,470,246.3333	N 35°21'04.12" E			
	PC	554+22.63	6,929,483.8179	2,470,828.4916	N 35°21'04.12" E			
67SBFR-6	PI	554+92.73	6,929,540.9968	2,470,869.0532	0°38'33.60" (RT)	140.2080	70.1047	12,500.00
	PT	555+62.84	6,929,597.7172	2,470,910.2536	N 35°59'37.72" E			
BL RAMP RB-SB								
	PC	13+80.33	6,930,044.9033	2,471,290.2179	S 32°14'25.83" W			
RB-SB-2	PI	15+25.57	6,929,922.0524	2,471,212.7332	4°09'32.93" (RT)	290.3632	145.2454	4,000.00
	PT	16+70.69	6,929,805.1448	2,471,126.5425	S 36°23'58.76" W			
	PC	20+03.78	6,929,537.0394	2,470,928.8807	S 36°23'58.76" W			
RB-SB-3	PI	20+69.19	6,929,484.3901	2,470,890.0648	6°14'24.48" (LT)	130.6930	65.4112	1,200.00
	PT	21+34.47	6,929,427.8336	2,470,857.2016	S 30°09'34.28" W			
	PC	22+27.03	6,929,347.8034	2,470,810.6985	S 30°09'34.28" W			
RB-SB-4	PI	23+47.07	6,929,244.0205	2,470,750.3936	4°54'33.66" (RT)	239.9162	120.0315	2,800.00
	PT	24+66.95	6,929,145.7793	2,470,681.4282	S 35°04'07.94" W			
BL SOUTHBOUND-EASTBOUND DIRECT CONNECTOR								
	PC	10+00.00	6,927,493.0093	2,469,454.7200	S 37°56'27.78" W			
SB67EB20-1	PI	11+46.75	6,927,377.2765	2,469,364.4912	6°00'0109" (RT)	293.2301	146.7492	2,800.00
	PT	12+93.23	6,927,271.6097	2,469,262.6587	S 43°56'28.87" W			
	PC	22+28.00	6,926,598.8412	2,468,630.9688	S 43°56'28.87" W			
SB67EB20-2	PI	37+12.46	6,925,529.9522	2,467,600.8670	114°13'07.18" (LT)	1,913.7520	1,484.4641	960.00
	PT	41+41.75	6,925,028.9929	2,468,998.2479	S 70°16'38.31" E			
BL SOUTHBOUND-WESTBOUND DIRECT CONNECTOR								
	PC	10+00.00	6,926,520.2074	2,468,524.1211	S 51°48'53.80" W			
SB67WB20-1	PI	15+97.42	6,926,150.8833	2,468,054.5419	57°00'47.49" (RT)	1,094.5747	597.4152	1,100.00
	PT	20+94.57	6,926,343.6874	2,467,489.0938	N 71°10'18.71" W			
BL RAMP SB-WL(67)								
	PC	10+00.00	6,926,062.0333	2,468,255.1500	S 40°08'40.96" W			
SB-WL(67)-1	PI	11+00.04	6,925,985.5612	2,468,190.6524	3°59'59.85" (RT)	199.9979	100.0396	2,864.79
	PT	12+00.00	6,925,913.7744	2,468,120.9776	S 44°08'40.81" W			
	PC	15+59.73	6,925,655.6334	2,467,870.4309	S 44°08'40.81" W			
SB-WL(67)-2	PI	16+41.59	6,925,596.8981	2,467,813.4236	9°44'48.25" (RT)	163.3081	81.8515	960.00
	PT	17+23.04	6,925,548.6615	2,467,747.2956	S 53°53'29.06" W			
BL WESTBOUND-NORTHBOUND DIRECT CONNECTOR								
	PC	10+00.00	6,925,301.7010	2,469,414.0779	N 48°10'13.31" W			
WB20NB67-1	PI	17+21.70	6,925,783.0169	2,468,876.3154	66°32'13.78" (RT)	1,277.4218	721.7018	1,100.00
	PT	22+77.42	6,926,467.9543	2,469,103.7230	N 18°22'00.47" E			
BL WESTBOUND-SOUTHBOUND DIRECT CONNECTOR								
	PC	24+61.69	6,925,407.7218	2,469,190.8076	N 59°33'57.05" W			
WB20SB67-2	PI	38+88.02	6,926,130.2293	2,467,961.0036	87°06'57.71 (LT)	2,280.6923	1,426.3362	1,500.00
	PT	47+42.38	6,924,938.3348	2,467,177.5354	S 33°19'05.24" W			
BL RAMP WL(67)-NB								
	PC	10+00.00	6,924,602.1085	2,467,470.8819	N 53°01'54.12" E			
WL(67)-NB-1	PI	13+23.25	6,924,796.5020	2,467,729.1480	30°09'08.41" (LT)	631.5090	323.2494	1,200.00
	PT	16+31.51	6,925,094.3199	2,467,854.8248	N 22°52'45.72" E			
	PC	18+56.00	6,925,301.1479	2,467,942.1046	N 22°52'45.72" E			
WL(67)-NB-2	PI	19+82.41	6,925,417.6130	2,467,991.2520	12°01'36.99" (RT)	251.8917	126.4103	1,200.00
	PT	21+07.89	6,925,521.2807	2,468,063.5886	N 34°54'22.71" E			
	PC	22+84.15	6,925,665.8300	2,468,164.4512	N 34°54'22.71" E			
WL(67)-NB-3	PI	23+34.37	6,925,707.0150	2,468,193.1890	2°03'18.24" (RT)	100.4296	50.2202	2,800.00
	PT	23.84.58	6,925,747.1430	2,468,223.3852	N 36°57'40.95" E			





SOUTHBOUND US 67



NORTHBOUND US 67

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. SEE SHEET 27 OF 46 FOR HOV, RAMP, CROSS STREET, AND FRONTAGE ROAD PROFILES.
6. FACILITIES WILL BE CONTINUOUSLY LIGHTED.

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
- Existing Water Line
- Existing Sanitary Sewer Line
- Existing Electric
- Existing Telephone Line
- Existing Gas Line
- Existing Cable

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
PREPARED BY CHIANG, PATEL & YERBY, INC.
UNDER THE SUPERVISION OF:
WILLIAM A. PARSONS, P.E. SERIAL NO. 71746 DATE:
KARA K. HUFFMAN, P.E. SERIAL NO. 88525 DATE:
REVIEWED BY HNTB: THOMAS D. O'GRADY, P.E. SERIAL NO. 83355 DATE:
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.
TABLE OF CONTENTS: PLAN/PROFILE 1–21; PROFILES 22–43; TRAFFIC VOLUMES 44–46; LARGE SIGNS 47–52
© 2004 by Texas Department of Transportation: (512) 416–2055; all rights reserved
JUNE 2004
ROLL 6 OF 52