TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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

DESIGN SCHEMATIC

IH 30/ IH 35E
DALLAS COUNTY

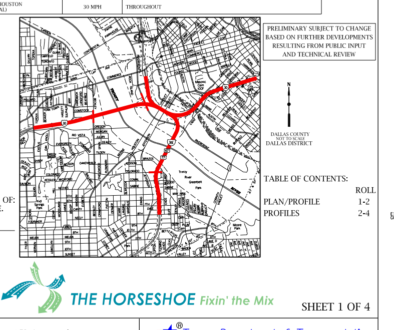
IH 30: FROM EAST OF SYLVAN AVE. TO WEST OF IH 45
IH 35: FROM EIGHTH ST. TO IH 30

CSJs		PROJECT LENGTH	HIGHWAY CLASSIFICATION
0196-03-293	1068-04-099	IH 30 - 2.2 MI	URBAN FREEWAY
0442-02-118	0442-02-132	IH 35E - 1.86 MI	
1068-04-116	0009-11-226		

ROADWAY TYPE	DESIGN SPEED	LOCATION
IH 30 EB MAINLANES	50 MPH - 60 MPH	50 MPH (STA 1087+49 - STA 1106+00, STA 1117+88 - STA 1125+74) 60 MPH (STA 1030+75 - STA 1087+49, STA 1106+00 - STA 1117+88)
IH 30 WB MAINLANES	50 MPH - 60 MPH	50 MPH (STA 1086+85 - STA 1107+00) 60 MPH (STA 1031+24 - STA 1086+85, STA 1107+00 - STA 1126+29)
IH 35E NB MAINLANES	50 MPH - 60 MPH	50 MPH (STA 5047+00 - STA 5093+70) 60 MPH (STA 5010+00 - STA 5047+00, STA 5093+70 - STA 5108+09)
IH 35E SB MAINLANES	50 MPH - 60 MPH	50 MPH (STA 5052+76 - STA 5093+70) 60 MPH (STA 5010+00 - STA 5052+76, STA 5093+70 - STA 5108+09)
IH 30 HOV	60 MPH	THROUGHOUT
IH 35E HOV	50 MPH - 60 MPH	50 MPH (STA 5047+00 - STA 5100+38) 60 MPH (STA 5013+75 - STA 5047+00)
DIRECT CONNECTORS	40 MPH	THROUGHOUT
SLIP RAMPS	25 MPH - 40 MPH	40 MPH - ALL SLIP RAMPS EXCEPT RAMP 1 (25 MPH), RAMP 6 (35 MPH), RAMP 30 (30 MPH) STA 10+00 - STA 12+00), RAMP 31 (30 MPH) & RAMP 43 (25 MPH) STA 137+20 - STA 141+19)
LOOP RAMPS	25 MPH	THROUGHOUT
FRONTAGE ROADS	40 MPH	THROUGHOUT
COLLECTOR DISTRIBUTOR	35 MPH - 40 MPH	40 MPH - ALL COLLECTOR-DISTRIBUTORS EXCEPT CD-4 (35 MPH) (STA 1017+60 - STA 1020+83) & CD-10 (35 MPH)
COLORADO BLVD. (COMMUNITY COLLECTOR)	30 MPH	THROUGHOUT
BECKLEY AVE. (MINOR ARTERIAL)	35 MPH	THROUGHOUT
RIVERFRONT BLVD. (PRINCIPAL ARTERIAL)	40 MPH	THROUGHOUT
AVERY ST. (MINOR ARTERIAL)	35 MPH	THROUGHOUT
HARDWICK ST. (MINOR ARTERIAL)	35 MPH	THROUGHOUT
FLEMING PL. (MINOR ARTERIAL)	30 MPH	THROUGHOUT
JEFFERSON TO HOUSTON (MINOR ARTERIAL)	30 MPH	THROUGHOUT

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

DATE APPROVED
DATE SUBMITTED
DATE REVISED



PRELIMINARY SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

DATE: JULY 17, 2012
PREPARED BY HNTB
UNDER THE SUPERVISION OF:
RUSSELL K. OZMER, P.E.

SERIAL NO. 91108

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THE HORSESHOE Fixin' the Mix

SHEET 1 OF 4

HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TBPE Firm Registration No. 420

Texas Department of Transportation
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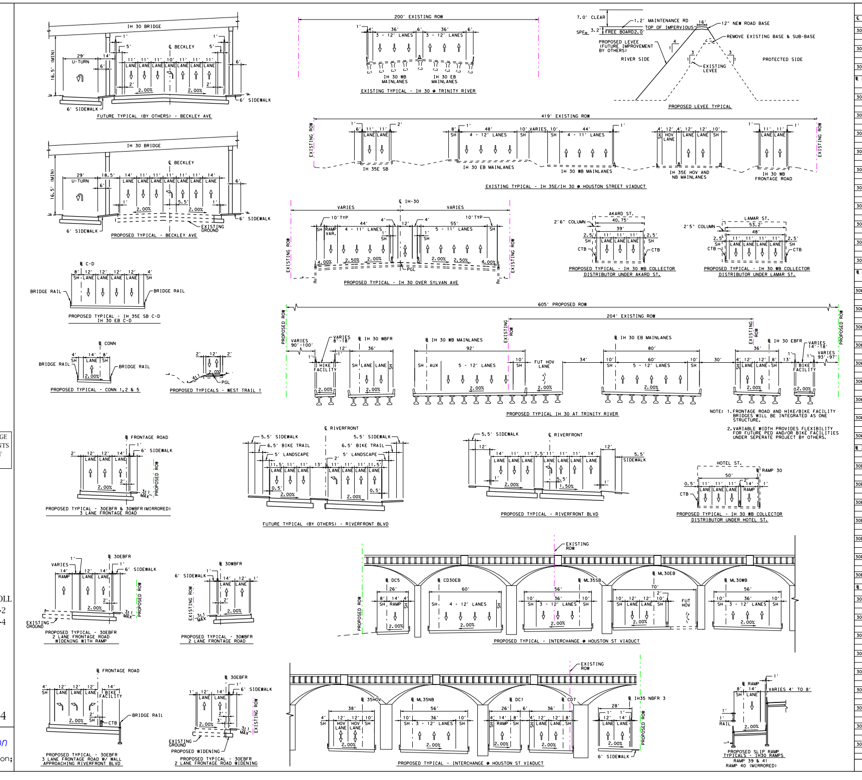
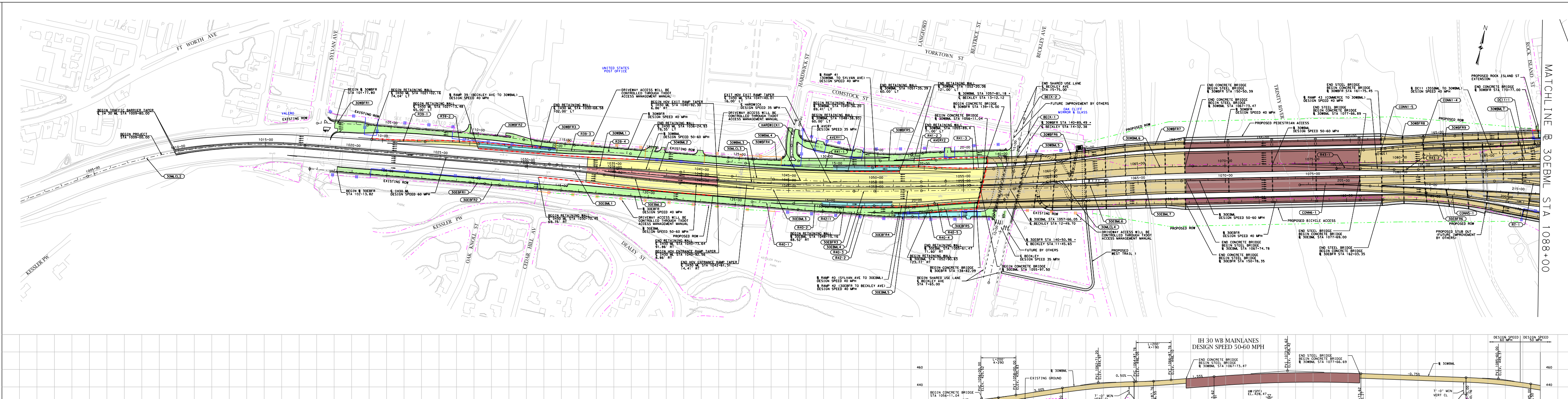
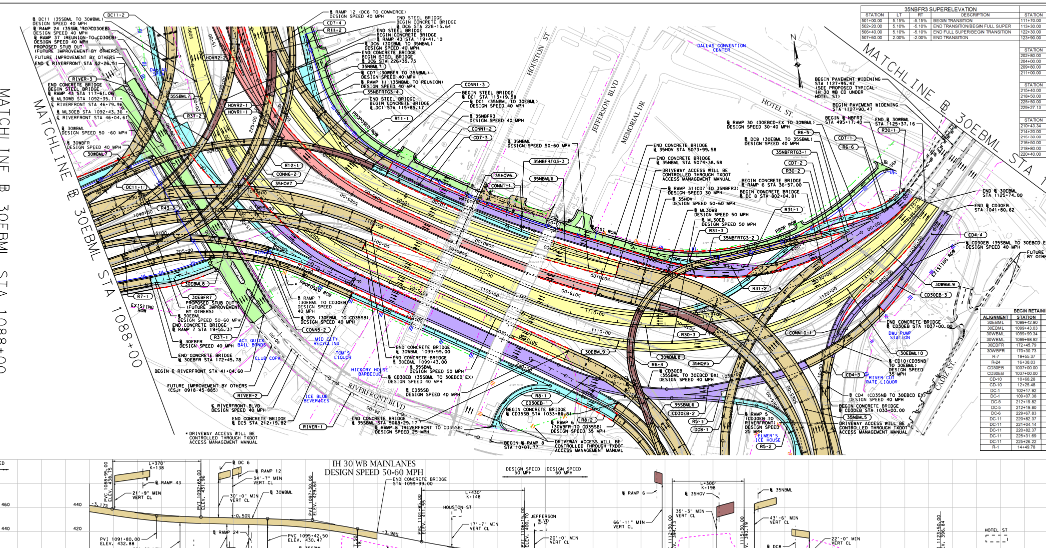
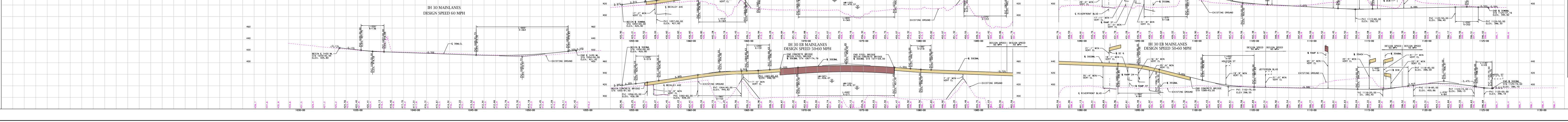


CURVE NO.	STATION	COORDINATE N	COORDINATE E	BEARING/ DELTA	LENGTH (FT)	TANGENT (FT)	RADIUS (FT)
℄ IH30 ML (60 MPH)							
	PC 1004+59.17	6,966,668.1327	2,479,165.5972	N 56° 09' 18.9" E			
30MLCL2	PI 1011+02.32	6,967,026.3308	2,479,699.7645	25° 18' 16.5" RT	1,265.32'	643.15'	2,865.00'
	PT 1017+24.50	6,967,121.8402	2,480,335.7823	N 81° 27' 35.4" E			
	PC 1040+92.30	6,967,473.4658	2,482,677.3337	N 81° 27' 35.4" E			
30MLCL3	PI 1046+76.33	6,967,560.1950	2,483,254.8828	5° 50' 05.2" LT	1,167.04'	584.02'	11,460.00'
	PT 1052+59.34	6,967,705.1886	2,483,820.6229	N 75° 37' 30.2" E			
	PC 1055+37.78	6,967,774.3157	2,484,090.3451	N 75° 37' 30.2" E			
30MLCL4	PI 1058+40.26	6,967,849.4099	2,484,383.3495	4° 04' 33.8" LT	604.69'	302.47'	8,500.00'
	PRC 1061+42.48	6,967,945.1409	2,484,670.2750	N 71° 32' 56.5" E			
℄ 30EBML (60 MPH - STA 1030+75 TO STA 1087+49, STA 1099+22 TO STA 1117+88) (50 MPH - STA 1087+49 TO STA 1099+22, STA 1117+88 TO STA 1125+74)							
	PC 1029+90.93	6,967,296.0741	2,481,593.9422	N 81° 21' 56.5" E			
30EBML1	PI 1032+15.82	6,967,329.8358	2,481,816.2806	3° 01' 51.9" RT	449.67'	224.89'	8,500.00'
	PRC 1034+40.60	6,967,351.7936	2,482,040.0931	N 84° 23' 48.3" E			
	PRC 1034+40.60	6,967,351.7936	2,482,040.0931	N 84° 23' 48.3" E			
30EBML2	PI 1036+58.50	6,967,373.0690	2,482,256.9506	2° 56' 12.9" LT	435.70'	217.90'	8,500.00'
	PT 1038+76.30	6,967,405.4276	2,482,472.4332	N 81° 27' 35.4" E			
	PC 1040+89.03	6,967,437.0190	2,482,682.8071	N 81° 27' 35.4" E			
30EBML3	PI 1044+81.73	6,967,495.3352	2,483,071.1478	5° 17' 25.1" LT	784.83'	392.69'	8,500.00'
	PRC 1048+73.87	6,967,589.2089	2,483,452.4575	N 76° 10' 10.3" E			
	PRC 1048+73.87	6,967,589.2090	2,483,452.4577	N 76° 10' 10.3" E			
30EBML4	PI 1049+32.63	6,967,603.2558	2,483,509.5152	0° 47' 31.8" RT	117.52'	58.76'	8,500.00'
	PRC 1049+91.39	6,967,616.5125	2,483,566.7615	N 76° 57' 42.1" E			
	PRC 1049+91.39	6,967,616.5125	2,483,566.7615	N 76° 57' 42.1" E			
30EBML5	PI 1051+25.37	6,967,646.7393	2,483,697.2899	1° 20' 11.9" LT	267.95'	133.98'	11,486.00'
	PT 1052+59.34	6,967,680.0026	2,483,827.0778	N 75° 37' 30.2" E			
[illegible]							

CURVE NO.	STATION	COORDINATE N	COORDINATE E
℄ 35NBFR3 (40 MPH - STA 495+00 TO STA 541+00)			
	POB 495+00.00	6,968,400.3839	[illegible]
	PC 496+82.65	6,968,298.5458	[illegible]
35NBFRTG3-1	PI 499+21.64	6,968,165.2947	[illegible]
	PT 501+51.30	6,968,139.4647	[illegible]
	PC 501+82.63	6,968,136.0789	[illegible]
35NBFRTG3-2	PI 504+36.04	6,968,108.6910	[illegible]
	PT 506+76.65	6,968,216.7696	[illegible]
	PC 509+65.22	6,968,339.8439	[illegible]
35NBFRTG3-3	PI 511+62.78	6,968,424.1044	[illegible]
	PT 513+59.77	6,968,531.0706	[illegible]
	PC 517+19.39	6,968,725.7830	[illegible]
35NBFRTG3-4	PI 519+57.53	6,968,854.7152	[illegible]
	PT 521+68.85	6,969,088.9369	[illegible]
	PC 532+31.76	6,970,134.3918	[illegible]
35NBFRTG3-5	PI 533+74.59	6,970,274.8760	[illegible]
	PT 535+12.74	6,970,412.8666	[illegible]
	PC 538+07.96	6,970,698.0817	[illegible]
35NBFRTG3-6	PI 539+00.57	6,970,787.5573	[illegible]
	PT 539+91.40	6,970,879.8837	[illegible]
℄ RAMP 1 (25 MPH) - US75-EX TO 30WBCD-EX			
	POB 10+00.00	6,970,270.5060	[illegible]
R1-1	PI 14+86.47	6,970,182.4311	[illegible]
	PT 16+25.58	6,970,138.3444	[illegible]
	PC 18+86.38	6,970,055.9620	[illegible]
R1-2	PI 19+42.40	6,970,038.2649	[illegible]
[illegible]			



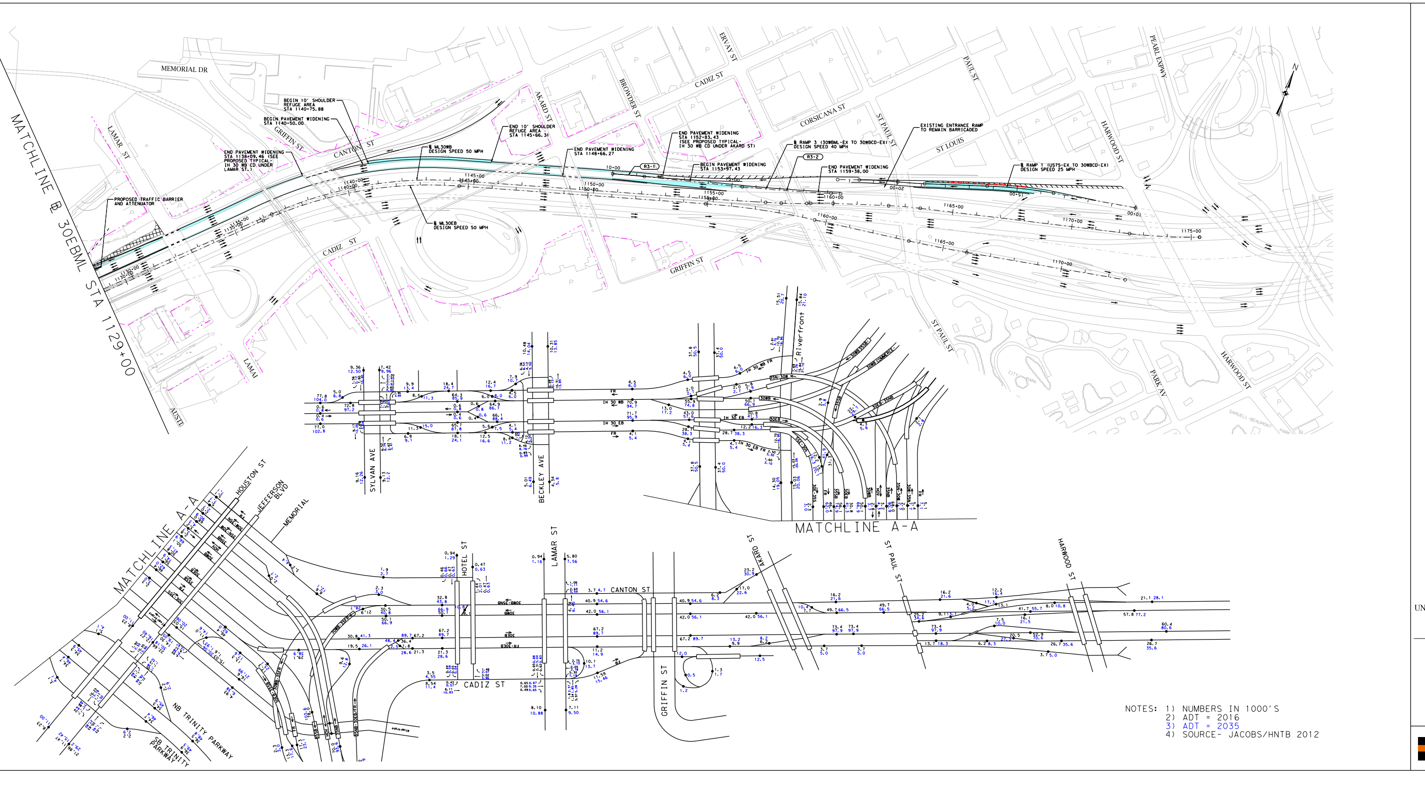




LEGEND

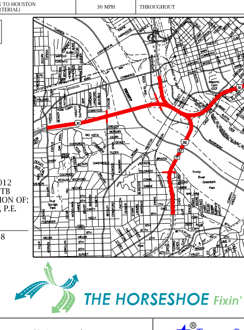
- Main Lane
- HOV/Managed Lane
- Collector-Distributor
- Frontage Road / Cross-Streets
- Ramp / Direct Connector
- Concrete Bridge Structure
- Steel Bridge Structure
- Bicycle/Pedestrian
- Existing ROW
- Proposed ROW
- Proposed Centerline / Baseline
- Proposed Retaining Wall
- Control of Access
- Control of Access (Controlled through TXDOT Access Management Manual)
- Pavement Removal

NOTE:
CONTINUOUS LIGHTING WILL BE PROVIDED FOR THE PROJECT, TXDOT WILL MAINTAIN AND OPERATE THE LIGHTING SYSTEM.



NOTES: 1) NUMBERS IN 1000'S
2) ADT = 2016
3) ADT = 2035
4) SOURCE- JACOBS/HNTB 2012

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM L. HALE, P.E. - DISTRICT ENGINEER
DESIGN SCHEMATIC
IH 30/ IH 35E
DALLAS COUNTY
IH 30: FROM EAST OF SYLVAN AVE. TO WEST OF IH 45
IH 35: FROM EIGHTH ST. TO IH 30



DATE: JULY 17, 2012
PREPARED BY HNTB
UNDER THE SUPERVISION OF:
RUSSELL K. OZMER, P.E.
SERIAL NO. 91108
THE HORSESHOE Fixin' the Mix
SHEET 1 OF 4

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM CAMAL ALI - DISTRICT ENGINEER

IH 30/ IH 35E
DALLAS COUNTY

IH 30 FROM IH 35E TO 0.5 MILE EAST OF IH 45
IH 35E FROM MARSH RD. TO IH 30

CONTROL SECTION JOB	HIGHWAY NUMBER	PROJECT NUMBER
0918-00-XXX	IH 30	NH 0918(XXX)
0918-00-XXX	IH 35E	NH 0918(XXX)

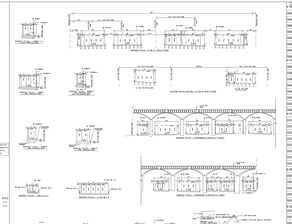
IH 30 BEGIN LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 30 BEGIN LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
IH 30 END LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 30 END LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
IH 35E BEGIN LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 35E BEGIN LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
IH 35E END LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 35E END LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
LENGTH	2.500 - 2.600	MILES
RW WIDTH	300.00 - 400.00	FEET
EXISTING PAVEMENT	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED PAVEMENT	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED ROADWAY	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED ROW	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES

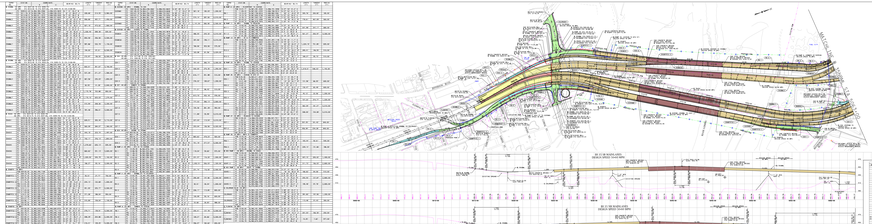
THE HORSESHOE Beat the Mix

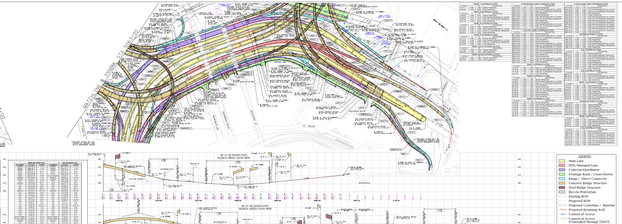
SHEET 2 OF 4

HNTB
HNTB CORPORATION
TBPE FIRM F-2516
TBPLS FIRM 10024500

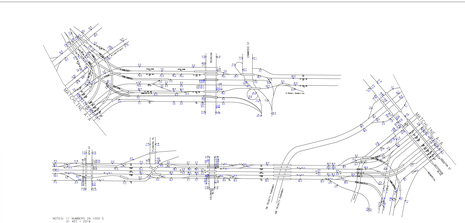
Texas Department of Transportation
P.O. Box 133067, Dallas, Texas 75313-3067
DallasDistrict@dot.state.tx | www.dallasdistrict.com







MAINLANES	
Main Lanes	
HOV/ Managed Lanes	
Collector-Distributor	
Ramp - Ramp Connector Ramps	
Ramp - Direct Connector	
Concrete Bridge Structure	
Steel Bridge Structure	
Bicycle Pedestrian	
Existing ROW	
Proposed ROW	
Proposed Controlled - Access Highway Boundary Line	
Control of Access	
Ultimate Right of Way	
Centralized Storage TOGGL Access Management Manual	
Texas Research	



NOTES: 1) SURVEY: IH 1995 S
2) DATE: 2012
3) SCALE: 1IN=50FT 2012

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM CAMAL ALI - DISTRICT ENGINEER

IH 30/ IH 35E
DALLAS COUNTY

IH 30 FROM IH 35E TO 0.5 MILE EAST OF IH 45
IH 35E FROM MARSH RD. TO IH 30

CONTROL SECTION JOB	HIGHWAY NUMBER	PROJECT NUMBER
0918-00-XXX	IH 30	NH 0918(XXX)
0918-00-XXX	IH 35E	NH 0918(XXX)

IH 30 BEGIN LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 30 BEGIN LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
IH 30 END LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 30 END LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
IH 35E BEGIN LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 35E BEGIN LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
IH 35E END LATITUDE	32.800 - 32.802	DEG. MIN. SEC. NORTH
IH 35E END LONGITUDE	96.800 - 96.802	DEG. MIN. SEC. WEST
LENGTH	2.500 - 2.600	MILES
RW WIDTH	300.00 - 400.00	FEET
EXISTING PAVEMENT	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED PAVEMENT	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED ROADWAY	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED ROW	2.500 - 2.600	MILES (INCLUDES 0.5 MI. OF RAMPS)
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES
PROPOSED ROW AREA	0.000	ACRES

THE HORSESHOE Beat the Mix

SHEET 2 OF 4

HNTB
HNTB CORPORATION
TBPE FIRM F-2516
TBPLS FIRM 10024500

Texas Department of Transportation
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TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM L. HALE, P.E. - DISTRICT ENGINEER
DESIGN SCHEMATIC
IH 30/ IH 35E
DALLAS COUNTY
IH 30 FROM EAST OF HOUSTON ST. TO WEST OF IH 45
IH 35 FROM EAST OF HOUSTON ST. TO IH 30

STATE	FED. RD. DIV.	FEDERAL AID PROJECT
TEXAS	6	NHPP-M-2-4(1)

CONTROL	SECTION	JOB
0918-00-174	00	174
0918-00-175	00	175

PROJECT LENGTH: 2.5 MILES
PROJECT GEOMETRIC LIMITS: 0.5 MILE BEYOND LIMITS OF WORK

PROJECT LIMITS	DESIGN SPEED	DESIGN CRITERIA
IH 30 FROM BURLESON ST. TO IH 35E	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM BURLESON ST. TO IH 30	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30 FROM HOUSTON ST. TO BURLESON ST.	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM HOUSTON ST. TO IH 30	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30 FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30 FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30	50 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL
IH 35E	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL
FRONTAGE ROADS	30 MPH - 40 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL
RAMPS	30 MPH - 50 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
COLLECTOR DISTRIBUTOR	35 MPH - 40 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
CONNECTOR	35 MPH - 50 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
BUSLEY AVE. DRIVE (SERVICE)	25 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
BURLESON (SERVICE)	30 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
CORY ST. DRIVE (SERVICE)	25 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
HARWOOD ST. DRIVE (SERVICE)	25 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
HOUSTON ST. DRIVE (SERVICE)	30 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL

NOT INTENDED FOR CONSTRUCTION OR BOUNDARY PURPOSES

LEGEND
EXISTING
PROPOSED

PRELIMINARY SUBJECT TO CHANGE BASED ON FUTURE DESIGN SPEED, ALIGNMENT, AND ROADWAY CROSS SECTIONS AS REVIEWED

DATE: JULY 17, 2012
PREPARED IN THE OFFICE UNDER THE SUPERVISION OF:
RUSSELL K. OZMER, P.E.

SHEET 3 OF 4

TABLE OF CONTENTS

	SHEET
PLAN/PROFILE PROFILES	2-4

SERIAL NO. 51108

THE HORSESHOE Fixin' the Mix

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HNTB Corporation
The Texas Office of Operations

Texas Department of Transportation
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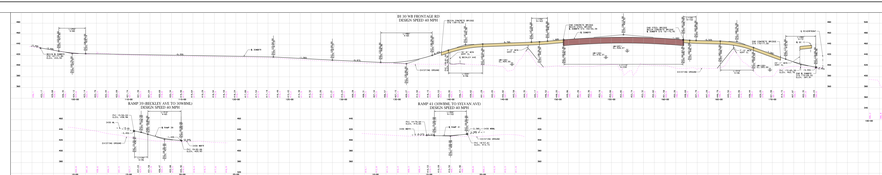

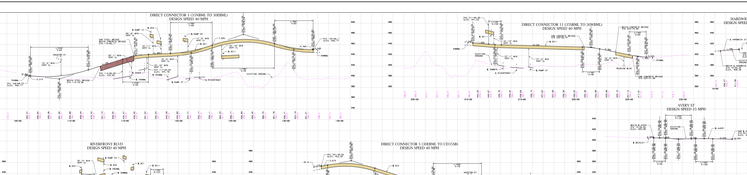

LEGEND
- Main Lane
- HOV/ Managed Lane
- Collector-Distributor
- Frontage Road / Cross-Streets
- Ramp / Direct Connector
- Concrete Bridge Structure
- Retaining Structure
- Bicycle/Pedestrian
- Existing ROW
- Proposed ROW
- Proposed Centerline / Baseline
- Proposed Retaining Wall
- Control of Access (Full Access Control (Controlled through TXDOT Access Management Manual))
- Pavement Removal

NOTES:
1. CONTROL OF ACCESS (COA) WILL BE ESTABLISHED ALONG THE PROJECT. ACCESS WILL BE LIMITED TO THE ROADWAY CROSS STREETS AS SHOWN.

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM L. HALE, P.E. - DISTRICT ENGINEER
DESIGN SCHEMATIC
IH 30/ IH 35E
DALLAS COUNTY
IH 30 FROM EAST OF HOUSTON ST. TO WEST OF IH 45
IH 35 FROM EAST OF HOUSTON ST. TO IH 30

STATE	FED. RD. DIV.	FEDERAL AID PROJECT
TEXAS	6	NHPP-M-2-4(1)

CONTROL	SECTION	JOB
0918-00-174	00	174
0918-00-175	00	175

PROJECT LENGTH: 2.5 MILES
PROJECT GEOMETRIC LIMITS: 0.5 MILE BEYOND LIMITS OF WORK

PROJECT LIMITS	DESIGN SPEED	DESIGN CRITERIA
IH 30 FROM BURLESON ST. TO IH 35E	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM BURLESON ST. TO IH 30	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30 FROM HOUSTON ST. TO BURLESON ST.	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM HOUSTON ST. TO IH 30	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30 FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30 FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 35E FROM EAST OF HOUSTON ST. TO WEST OF IH 45	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
IH 30	50 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL
IH 35E	50 MPH - 60 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL
FRONTAGE ROADS	30 MPH - 40 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL
RAMPS	30 MPH - 50 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
COLLECTOR DISTRIBUTOR	35 MPH - 40 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
CONNECTOR	35 MPH - 50 MPH	AASHTO, GRID, TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
BUSLEY AVE. DRIVE (SERVICE)	25 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
BURLESON (SERVICE)	30 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
CORY ST. DRIVE (SERVICE)	25 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
HARWOOD ST. DRIVE (SERVICE)	25 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL
HOUSTON ST. DRIVE (SERVICE)	30 MPH	TEXAS HIGHWAY DESIGN MANUAL, ROADWAY DESIGN MANUAL

NOT INTENDED FOR CONSTRUCTION OR BOUNDARY PURPOSES

LEGEND
EXISTING
PROPOSED

PRELIMINARY SUBJECT TO CHANGE BASED ON FUTURE DESIGN SPEED, ALIGNMENT, AND ROADWAY CROSS SECTIONS AS REVIEWED

DATE: JULY 17, 2012
PREPARED IN THE OFFICE UNDER THE SUPERVISION OF:
RUSSELL K. OZMER, P.E.

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SERIAL NO. 51108

THE HORSESHOE Fixin' the Mix

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

DESIGN SCHEMATIC

IH 30/ IH 35E
DALLAS COUNTY
IH 30 FROM EAST PLEASANT RUN TO WEST OF IH 45

IH 35 FROM BEATON ST. TO IH 30

STATE DIST.	COUNTY	CONTROL	SECTION	JOB	HIGHWAY
DAL	DALLAS	0018	13		IH 30
DAL	DALLAS	0095	13		IH 35E

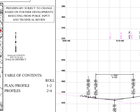
DESIGN CLASS	DESIGN SPEED	DESIGN CLASSIFICATION
IH 30 MAIN LANES	50 MPH - 60 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 35E MAIN LANES	50 MPH - 60 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 30 FR MAIN LANES	50 MPH - 60 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 35E FR MAIN LANES	50 MPH - 60 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 30 HOV MAIN LANES	50 MPH - 60 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 35E HOV MAIN LANES	50 MPH - 60 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 30 EXIT	30 MPH - 50 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 35E EXIT	30 MPH - 50 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 30 ENTRANCE RAMP	30 MPH - 50 MPH	URBAN FREEWAY (RECONSTRUCT)
IH 35E ENTRANCE RAMP	30 MPH - 50 MPH	URBAN FREEWAY (RECONSTRUCT)
EAST PLEASANT RUN RD	30 MPH - 40 MPH	URBAN ARTERIAL (RECONSTRUCT)
BEATON ST	30 MPH - 40 MPH	URBAN ARTERIAL (RECONSTRUCT)
COLLECTOR DISTRIBUTOR	30 MPH - 40 MPH	URBAN COLLECTOR DISTRIBUTOR (RECONSTRUCT)
COLORADO BLVD (SERVICE)	25 MPH	URBAN ARTERIAL
BUCKNER BLVD (SERVICE)	25 MPH	URBAN ARTERIAL
BUCKNER BLVD (SERVICE)	25 MPH	URBAN ARTERIAL
RAMP A	25 MPH	URBAN RAMP
EAST GRAND AVENUE (SERVICE)	25 MPH	URBAN ARTERIAL
FOREST LANE (SERVICE)	25 MPH	URBAN ARTERIAL
FOREST LANE (SERVICE)	25 MPH	URBAN ARTERIAL
FANNIN ST. (SERVICE)	25 MPH	URBAN ARTERIAL
FANNIN ST. (SERVICE)	25 MPH	URBAN ARTERIAL
RAMP A (SERVICE)	25 MPH	URBAN RAMP
RAMP B (SERVICE)	25 MPH	URBAN RAMP

THIS SCHEMATIC IS FOR ENVIRONMENTAL AND PUBLIC INVOLVEMENT PURPOSES ONLY.

LEGEND

LEGEND

LEGEND



DATE: JULY 17, 2012
PREPARED IN THE OFFICE UNDER THE SUPERVISION OF
RUSSELL K. OZMER, P.E.

SERIAL NO. 51338

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THE HORSESHOE Fixin' the Mix

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IH 35E NB COLLECTOR-DISTRIBUTOR (CD NB) TO CD NB
DESIGN SPEED 40 MPH

IH 35E NB COLLECTOR-DISTRIBUTOR (CD NB) TO CD NB
DESIGN SPEED 40 MPH

IH 35E HOV
DESIGN SPEED 50-60 MPH

RAMP A (COMMERCE TO COLORADO)
DESIGN SPEED 40 MPH

RAMP 24 (COMMERCE TO COLORADO)
DESIGN SPEED 40 MPH

IH 35E NB FR
DESIGN SPEED 40 MPH

RAMP 1 (EXIT ST TO CD 1/2ND)
DESIGN SPEED 40 MPH

IH 35E NB FR
DESIGN SPEED 40 MPH

RAMP 6 (COMMERCE TO CD 1/2ND)
DESIGN SPEED 25 MPH

COLLECTOR-DISTRIBUTOR 1 (CD1/2ND TO CD1/2ND)
DESIGN SPEED 25-40 MPH

COLLECTOR-DISTRIBUTOR 2 (CD1/2ND TO CD1/2ND)
DESIGN SPEED 25-40 MPH

RAMP 11 (COMMERCE TO BUCKNER BLVD)
DESIGN SPEED 40 MPH

FANNIN ST
DESIGN SPEED 30 MPH

RAMP 12 (COMMERCE TO BUCKNER BLVD)
DESIGN SPEED 40 MPH

RAMP 15 (CUSTOM TO RTE 67 1)
DESIGN SPEED 40 MPH

IH 35E NB FR
DESIGN SPEED 40 MPH

COLORADO BLVD
DESIGN SPEED 30 MPH

RAMP B (REVERSE BLVD TO CD1/2ND)
DESIGN SPEED 25 MPH

DIRECT CONNECTOR A (IH 30WB TO IH 35E NB)
DESIGN SPEED 40 MPH

IH 35E HOV RAMP 1 (CD1WB TO 2ND/A)
DESIGN SPEED 40 MPH

IH 35E HOV RAMP 2 (CD1WB TO 2ND/B)
DESIGN SPEED 40 MPH

RAMP 17 (BUSINESS BLVD TO CD1/2ND)
DESIGN SPEED 40 MPH

RAMP 13 (DC 3 TO COMMERCE)
DESIGN SPEED 40 MPH

RAMP 16 (COMMERCE TO COMMERCE)
DESIGN SPEED 25 MPH

LEGEND

- Main Lane
- HOV/ Managed Lane
- Collector-Distributor
- Frontage Road / Cross-Streets
- Ramp / Direct Connector
- Concrete Bridge Structure
- Pedestrian Structure
- Bicycle/Pedestrian
- Existing ROW
- Proposed ROW
- Proposed Centerline / Baseline
- Proposed Retaining Wall
- Control of Access
- Control of Access (Conditional Through TXDOT Access Management Manual)
- Pavement Removal

NOTES:

1. CONTROL POINT COORDINATES FOR ALIGNMENTS ARE FOR PRELIMINARY DESIGN PURPOSES ONLY. FINAL CONTROL POINT COORDINATES WILL BE PROVIDED AT A LATER DATE.

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM L. HALE, P.E. - DISTRICT ENGINEER
DESIGN SCHEMATIC
IH 30/ IH 35E
DALLAS COUNTY
IH 30 FROM EAST PLEASANT RUN TO WEST OF IH 45
IH 35 FROM BEATON ST. TO IH 30
THIS SCHEMATIC IS FOR ENVIRONMENTAL AND PUBLIC INVOLVEMENT PURPOSES ONLY.
LEGEND
LEGEND
LEGEND
PRELIMINARY SUBJECT TO CHANGE
SUBJECT TO AS BUILT PLANS, PROFILE
AND TECHNICAL REVIEW
LOCATION MAP
NTS
DATE: JULY 17, 2012
PREPARED IN THE OFFICE UNDER THE SUPERVISION OF
RUSSELL K. OZMER, P.E.
SERIAL NO. 51338
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TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

WILLIAM J. HALE, P.E. - DISTRICT ENGINEER

DESIGN SCHEMATIC

IH 35/ IH 35E

DALLAS COUNTY

IH 35 FROM EASTERN DALLAS CO. TO WEST OF IH 45
IH 35 FROM HAMPTON ST. TO IH 30

STATE DIST.	COUNTY	CONTROL	SECTION	JOB	HIGHWAY
DALLAS	DALLAS	0092	04	076	IH 35E
DALLAS	DALLAS	0092	04	077	IH 35

PROJECT LOG	PROJECT DESC.	PROJECT LIMITS FROM	PROJECT LIMITS TO
IH 35 W MAINLANES	10 MPH - 60 MPH	0.5 MILE NORTH OF SH 342	0.5 MILE NORTH OF SH 342

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM L. HALE, P.E. - DISTRICT ENGINEER
DESIGN SCHEMATIC
IH 30/ IH 35E
DALLAS COUNTY
IH 30 FROM EAST FORK TRINITY RIVER EAST TO WEST OF IH 45
IH 35 FROM BURGUNDY ST. TO IH 30

STATE DIST.	COUNTY	CONTROL	SECTION	JOB	HIGHWAY
DALLAS	DALLAS	0092-04-132	02	2	IH 30
DALLAS	DALLAS	0092-04-132	03	2	IH 35E

ROADWAY CLASS	GORDON GRADE	DESIGN SPEED	ROADWAY WIDTH
IH 30 MAINLANES	30 MPH - 40 MPH	50 MPH	24' TO 44' TO 48' TO 52' TO 56' TO 72'
IH 30 FRONTAGE ROAD	30 MPH - 40 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
IH 30 RAMP/LOOP	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
IH 35E MAINLANES	30 MPH - 40 MPH	50 MPH	24' TO 44' TO 48' TO 52' TO 56' TO 72'
IH 35E FRONTAGE ROAD	30 MPH - 40 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
IH 35E RAMP/LOOP	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
IH 30 MAINLANES	30 MPH - 40 MPH	50 MPH	24' TO 44' TO 48' TO 52' TO 56' TO 72'
IH 30 RAMP/LOOP	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
IH 30 FRONTAGE ROAD	30 MPH - 40 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
IH 35E MAINLANES	30 MPH - 40 MPH	50 MPH	24' TO 44' TO 48' TO 52' TO 56' TO 72'
IH 35E RAMP/LOOP	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
IH 35E FRONTAGE ROAD	30 MPH - 40 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
LAST RAMP	30 MPH - 40 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
LAST RAMP	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
FUTURE RAMP	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
CONNECTOR INTERCHANGE	30 MPH - 40 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40' TO 44' TO 48' TO 52' TO 56' TO 72'
CONNECTOR INTERCHANGE	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40' TO 44' TO 48' TO 52' TO 56' TO 72'
BUSINESS 175 ARTERIAL	30 MPH - 40 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
BUSINESS 175 ARTERIAL	30 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
BUSINESS 175 ARTERIAL	30 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
EAST 12 ARTERIAL	30 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
EAST 12 ARTERIAL	30 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
FAIRFIELD ARTERIAL	30 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
FAIRFIELD ARTERIAL	30 MPH	30 MPH - 50 MPH	24' TO 28' TO 32' TO 36' TO 40'
FAIRFIELD ARTERIAL	30 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'
FAIRFIELD ARTERIAL	30 MPH	30 MPH	24' TO 28' TO 32' TO 36' TO 40'

NOT INTENDED FOR CONSTRUCTION OR RIGHT-OF-WAY PURPOSES

LAT. (DEGREES)
LAT. (MINUTES)
LAT. (SECONDS)
LONG. (DEGREES)
LONG. (MINUTES)
LONG. (SECONDS)

PROPOSED AT GRADE TO CHANGE WIDTH OF PAVEMENT WITHIN EXISTING ROADWAY. SEE TECHNICAL REVIEW

DATE: JULY 17, 2012
PREPARED BY: TEXAS DOT
UNDER THE SUPERVISION OF:
CRAIG D. KOCHERA, P.E.

SERIAL NO. 104404

THE HORSESHOE Walk the Mile

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SCALE:

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The Horse Alliance, LLC

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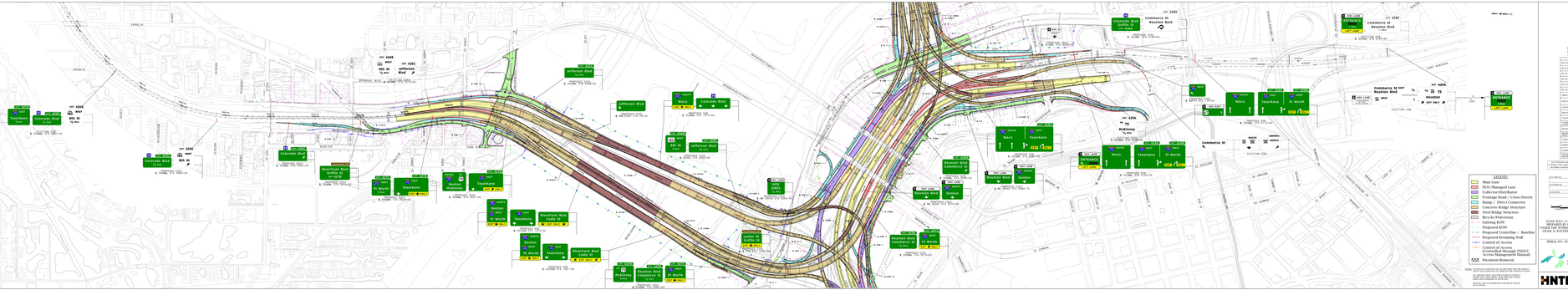
LEGEND:
Main Lane
HOV/ Managed Lane
Collector/Distributor
Frontage Road / Cross-Streets
Ramp / Direct Connector
Concrete Bridge Structure
Concrete Structure
Bicycle/Pedestrian
Existing ROW
Proposed ROW
Proposed Controlled / Baseline
Proposed Retaining Wall
Control of Access
(Limited Access)
(Controlled Storage, TXDOT Access Management Manual)
Pavement Removal
CONSTRUCTION CLEARANCE WILL BE PROVIDED FOR THE PROPOSED STRUCTURES ACROSS THE ROADWAY.
THE ACCEPTED PROJECT WILL ESTABLISH THE FINAL CONSTRUCTION CLEARANCE. THE FINAL CONSTRUCTION CLEARANCE MAY BE LESS THAN THE PROPOSED CLEARANCE.
SEE TECHNICAL REVIEW FOR DETAILS.
IH 30
IH 35E
Jefferson Blvd
Colorado Blvd
Texas Avenue
Beckley Ave
Hampton Rd
Zang Blvd
Bishop St
Marsalis Ave
Lancaster Rd
Hotchkiss St
Cockrell Hill Rd
Westmoreland Rd
Polk St
Cockrell Hill Rd
Clarendon Dr
Fort Worth Ave
Sunset Ave
Tyler St
Beckley Ave
Hampton Rd
Zang Blvd
Bishop St
Marsalis Ave
Lancaster Rd
Hotchkiss St
Cockrell Hill Rd
Westmoreland Rd
Polk St
Cockrell Hill Rd
Clarendon Dr
Fort Worth Ave
Sunset Ave
Tyler St
Denver