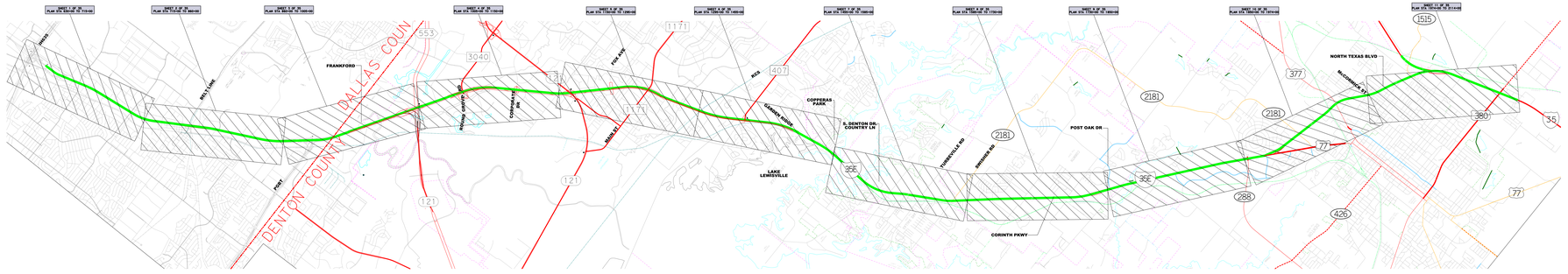
IH-35E MANAGED LANES
WORK PACKAGE NO. 4



INDEX OF PLAN SHEETS

SCALE: NTS
DATE: NOVEMBER 12, 2012

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May 2013

PRELIMINARY

SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:	
THOMAS CARDOZA	119408
NAME	P.E. NUMBER
PHILIP ARNOLY	112613
NAME	P.E. NUMBER
May 6, 2013	
DATE	

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS BRINCKERHOFF | HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES

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5	PLAN STATION 1410+00 TO 1510+00
6	PLAN STATION 1510+00 TO 1610+00
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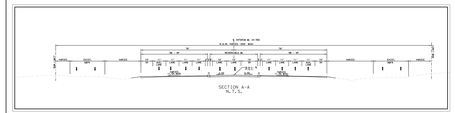

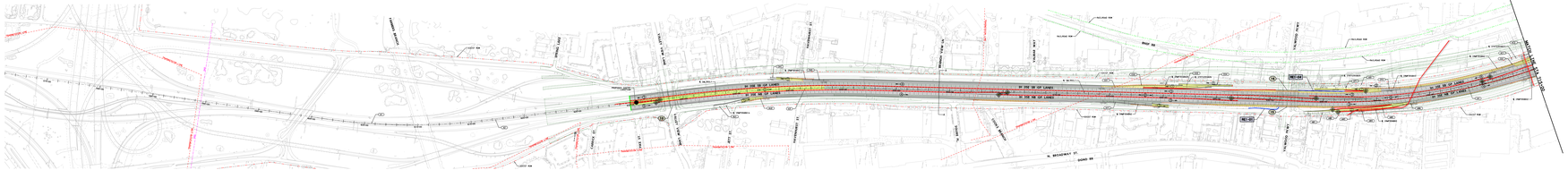

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS SANDOLO — 12848
NAME — P.E. NUMBER

DESIGN ENGINEER

NAME — P.E. NUMBER

May 9, 2013
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

LEGEND

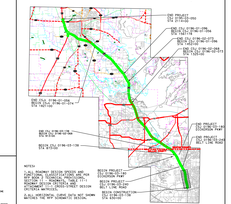
- FILL WITH CONSTRUCTION
- MILL AND OVERLAY
- OVERLAY
- EXCAVATION
- EXISTING ROW
- PROPOSED ROW
- PROPOSED CENTERLINE
- EXISTING CENTERLINE ROAD
- PROPOSED BARRIER
- PROPOSED CENTERLINE RAMP/FRONTAGE
- EXISTING RAILROAD
- PROPOSED RAILROAD
- PROPOSED CREEK ALIGNMENT
- EXISTING CREEK ALIGNMENT
- EXISTING TREELINE
- EXISTING CONTOURS
- OTHER STREETS
- SIGN MESSAGE
- SIGN NUMBER
- BRIDGE NUMBER
- MILL NUMBER
- LOCATION OF STRUCTURE
- LANE NUMBER
- NUMBER OF LANES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS BRINCKERHOFF | HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:	
THOMAS CHRISTOPHER TAYLOR	123668 LICENSED 4-14-13
PHILLIP ERNEST NASH	104651 LICENSED 4-14-13
	SEAL DATE

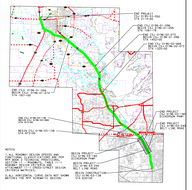
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



SCALE HORIZONTAL 1"=200'	DATE February 1, 2013
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	
PLAN STA. 715+00 TO 860+00	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 2 OF 10

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

NAME	P.E. NUMBER
THOMAS GANDOLFI	113668
PHILLIP HANLEY	91815

DATE: May 8, 2013

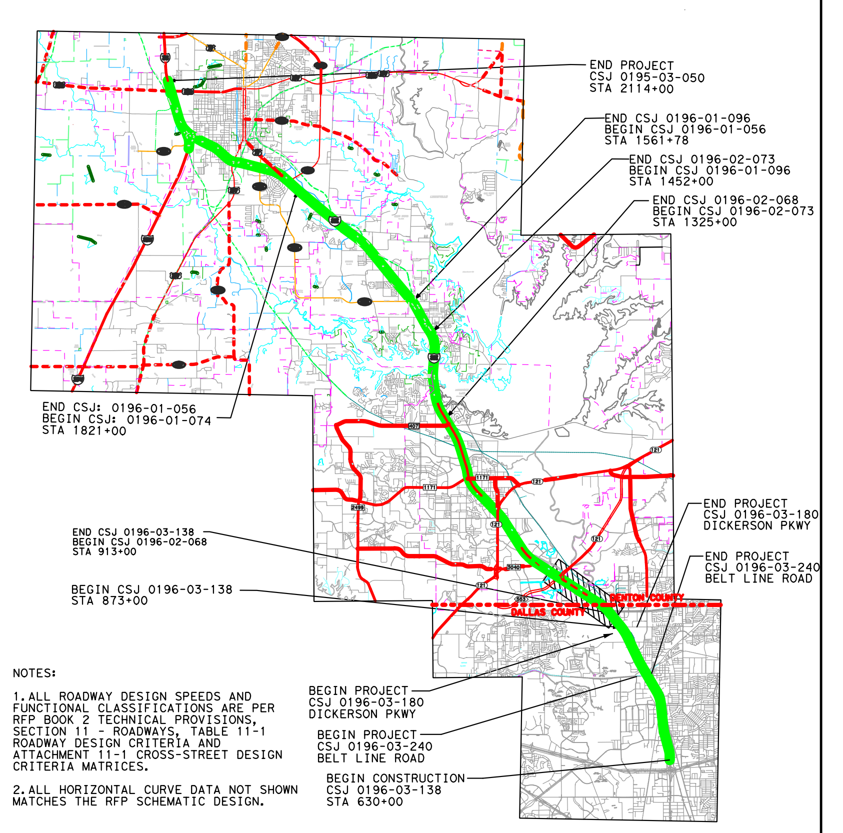
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS | HDR | AGL CONSTRUCTORS (ARCHER WESTERN | GRANITE | LANE) | INTERSTATE TEXAS 35E — IH 35E MANAGED LANES



LEGEND:

- FULL DEPTH CONSTRUCTION
- MILL AND OVERLAY
- BRIDGES
- DISPLACEMENTS
- EXISTING ROW
- PROPOSED ROW
- PROPOSED CENTERLINE/BASELINE
- PROPOSED RETAINING WALL
- PROPOSED BARRIER
- PROPOSED METAL BEAM GUARD FENCE
- PROPOSED NOISE WALL
- CONTROL OF ACCESS
- LIMITS OF CONSTRUCTION
- ULTIMATE ROADWAY
- EXISTING CULVERT
- PROPOSED CULVERT
- FUTURE STREETS
- SIGN BRIDGES
- PROPOSED GANTRY
- XX — BRIDGE NUMBER
- REX-XX — WALL NUMBER
- LOCATION OF ATTENUATOR
- XX — CURVE NUMBER
- X — NUMBER OF LANES

NOTES:

1. ALL ROADWAY DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS ARE PER RFP BOOK 2 TECHNICAL PROVISIONS, SECTION 11 - ROADWAYS, TABLE 11-1 ROADWAY DESIGN CRITERIA AND ATTACHMENT 11-1 CROSS-STREET DESIGN CRITERIA MATRICES.
2. ALL HORIZONTAL CURVE DATA NOT SHOWN MATCHES THE RFP SCHEMATIC DESIGN.

SCALE HORIZONTAL 1"=200'	DATE November 12, 2012
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	
PLAN STA. 860+00 TO 1005+00	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 3 OF 35

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PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

NAME	P.E. NUMBER
THOMAS GANDOLFI	113668
PHILLIP HANLEY	91815

DATE: May 8, 2013

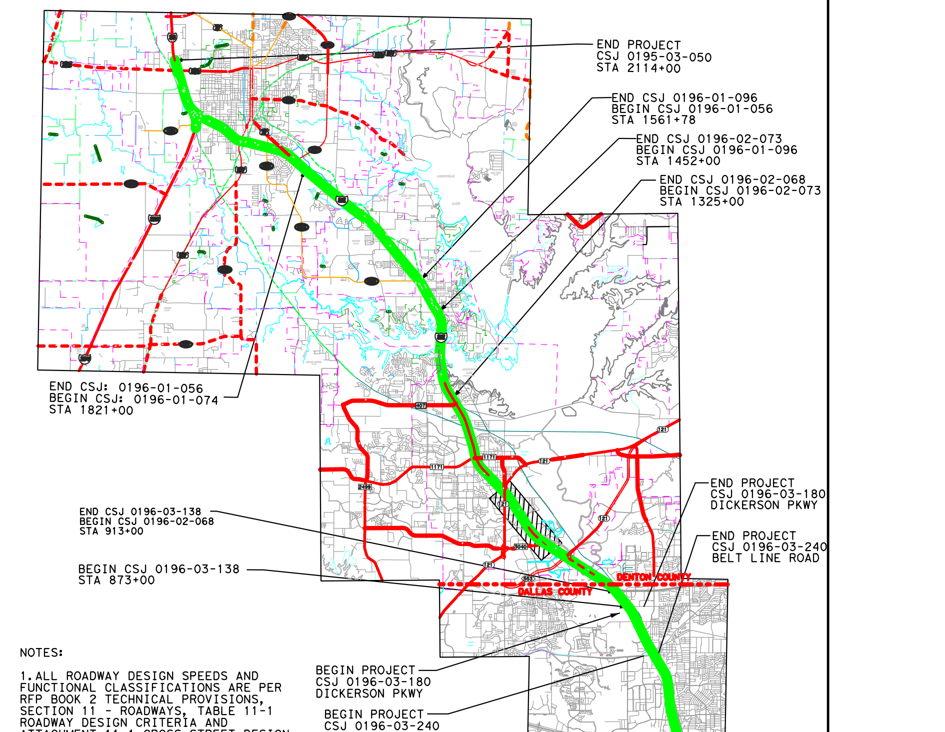
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS
HDR
AGL CONSTRUCTORS
ARCHER WESTERN | GRANITE | LANE
IH 35E MANAGED LANES



LEGEND:

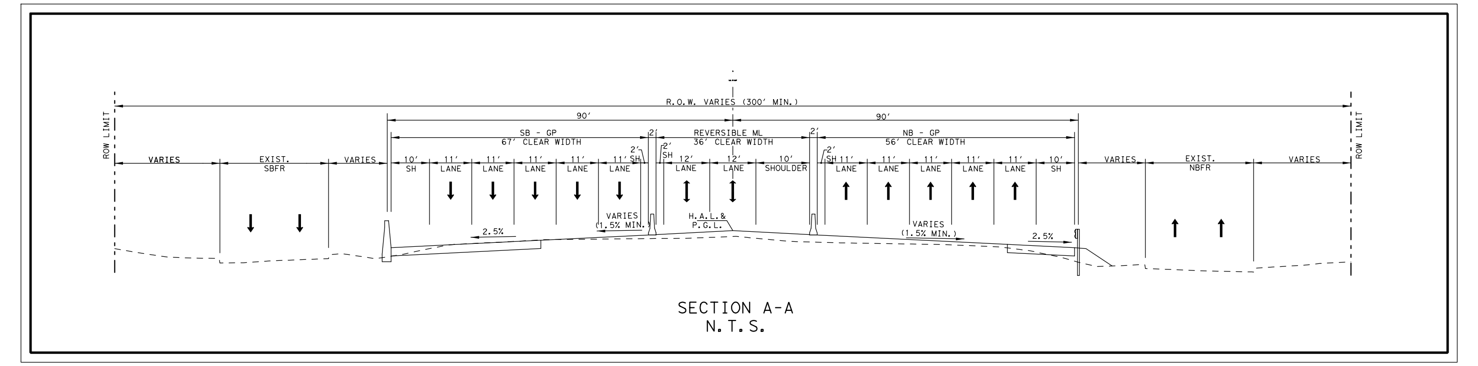
- FULL DEPTH CONSTRUCTION
- MILL AND OVERLAY
- BRIDGES
- DISPLACEMENTS
- EXISTING ROW
- PROPOSED ROW
- PROPOSED CENTERLINE/BASELINE
- PROPOSED RETAINING WALL
- PROPOSED BARRIER
- PROPOSED METAL BEAM GUARD FENCE
- PROPOSED NOISE WALL
- CONTROL OF ACCESS
- LIMITS OF CONSTRUCTION
- ULTIMATE ROADWAY
- EXISTING CULVERT
- PROPOSED CULVERT
- FUTURE STREETS
- SIGN BRIDGES
- PROPOSED GANTRY
- BRIDGE NUMBER
- WALL NUMBER
- LOCATION OF ATTENUATOR
- CURVE NUMBER
- NUMBER OF LANES

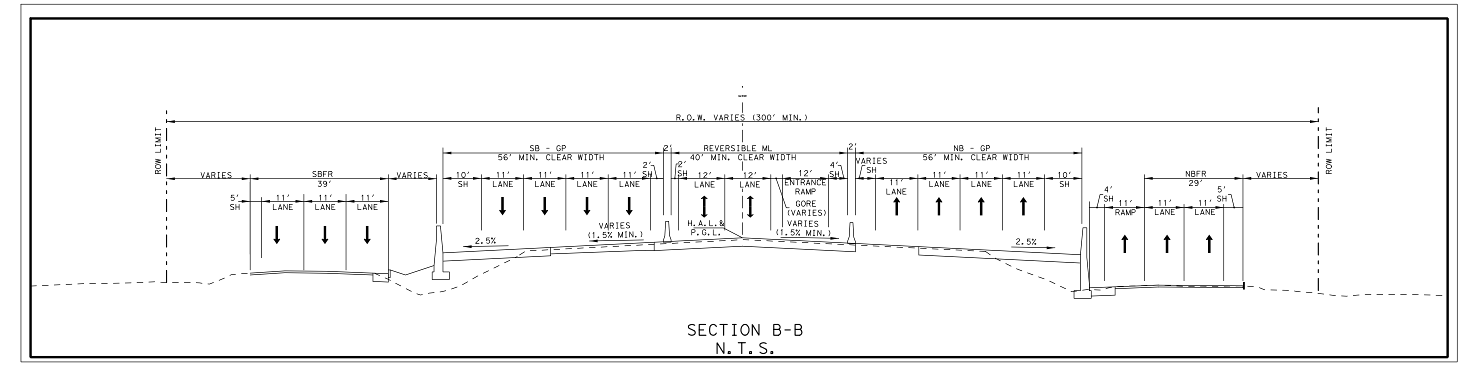
NOTES:

1. ALL ROADWAY DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS ARE PER RFP BOOK 2 TECHNICAL PROVISIONS, SECTION 11 - ROADWAYS, TABLE 11-1 ROADWAY DESIGN CRITERIA AND ATTACHMENT 11-1 CROSS-STREET DESIGN CRITERIA MATRICES.

2. ALL HORIZONTAL CURVE DATA NOT SHOWN MATCHES THE RFP SCHEMATIC DESIGN.

SCALE HORIZONTAL 1"=200'	DATE November 12, 2012
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	
PLAN STA. 1005+00 TO 1150+00	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 4 OF 35





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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS GANDOLFI	113668
NAME	P.E. NUMBER
PHILLIP HANLEY	91815
NAME	P.E. NUMBER

May 8, 2013
DATE

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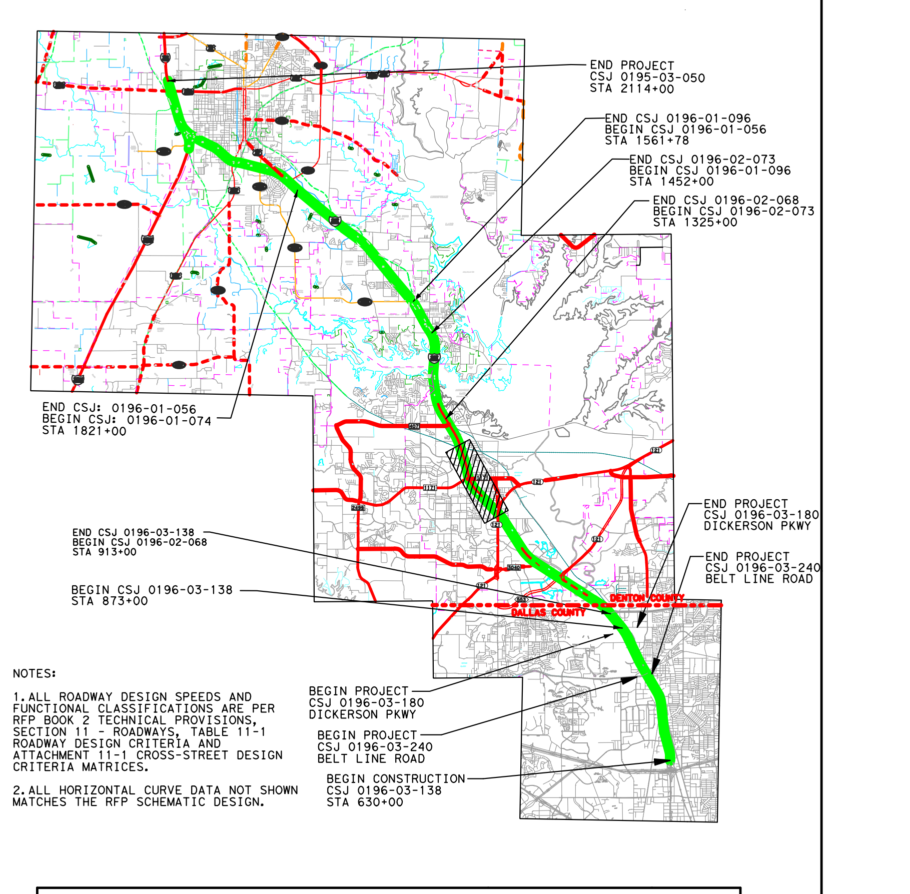
Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS
HDR
AGL CONSTRUCTORS
ARCHER WESTERN | GRANITE | LANE
INTERSTATE TEXAS 35E
IH 35E MANAGED LANES



SCALE HORIZONTAL 1"=200'	DATE February 1, 2013
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	
PLAN STA. 1150+00 TO 1295+00	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 5 OF 35

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PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS GANDOLFI	113668
NAME	P.E. NUMBER
PHILLIP HANLEY	91815
NAME	P.E. NUMBER

May 8, 2013
DATE

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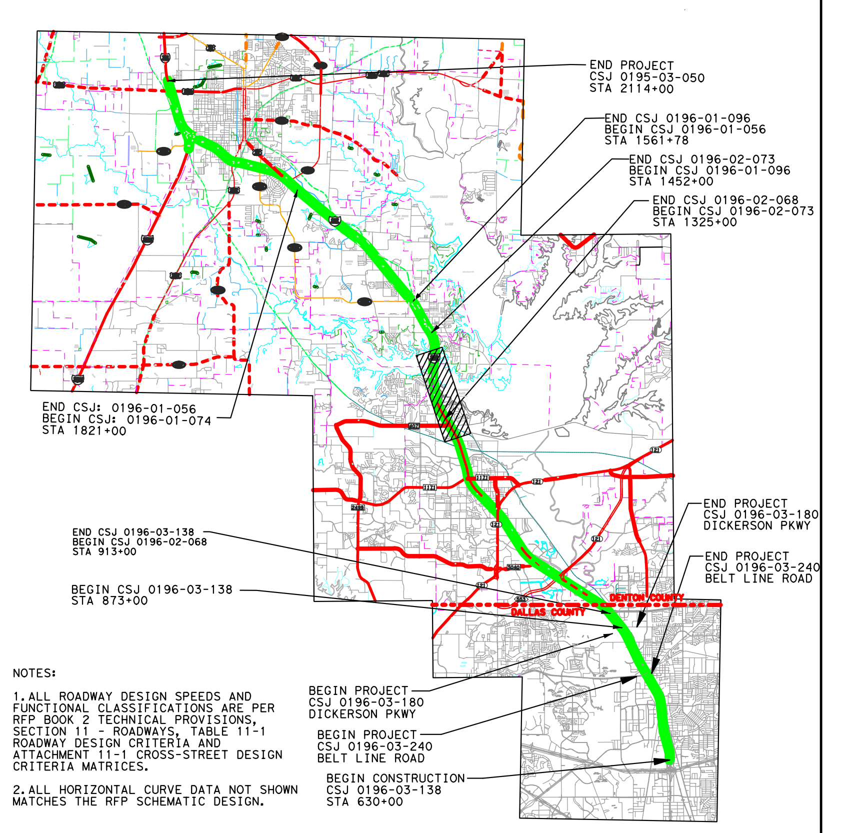
Texas Department of Transportation

IH 35E MANAGED LANES

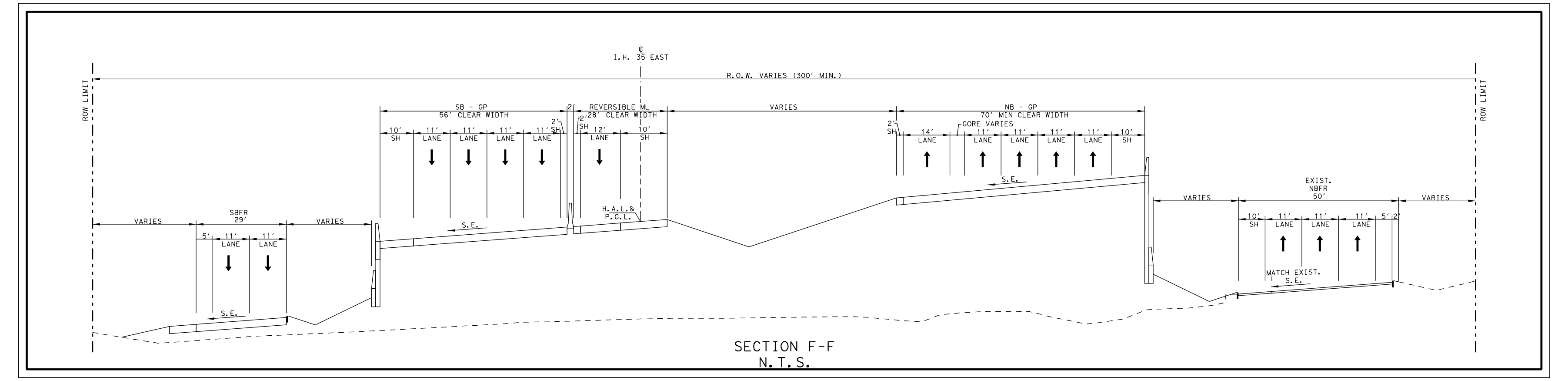
CONFIDENTIAL

PARSONS
HDR
AGL CONSTRUCTORS
ARCHER WESTERN | GRANITE | LANE
INTERSTATE TEXAS 35E
IH 35E MANAGED LANES

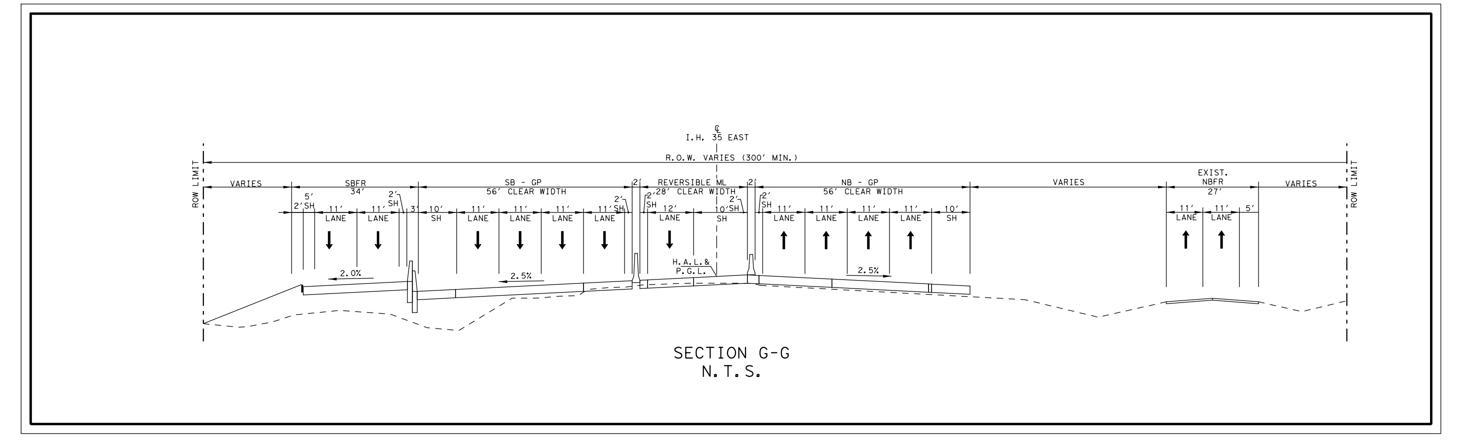


NOTES:

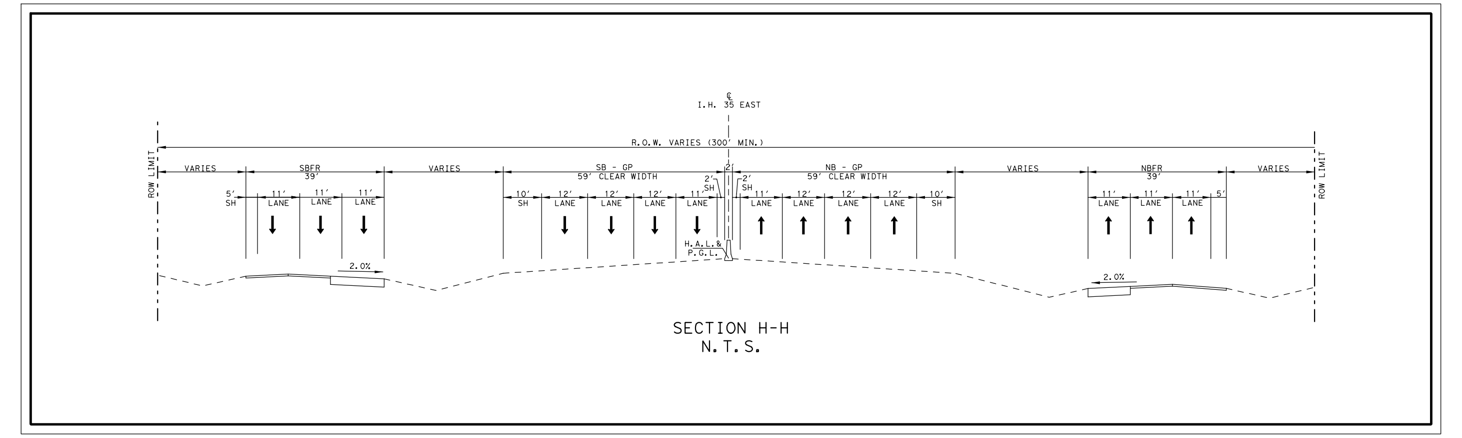
SCALE	HORIZONTAL 1"=200'	**DATE**	November 12, 2012
DESIGNED BY		**COUNTY**	Dallas/Denton
DRAWN BY		LOGMILE	
CHECKED BY			
PLAN STA. 1295+00 TO 1455+00		WORK PACKAGE 4	
DRAWING NO.		**SHEET NO. 6 OF 35**	



SECTION F-F
N.T.S.



SECTION G-G
N.T.S.



SECTION H-H
N.T.S.

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SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

NAME	P.E. NUMBER
THOMAS GANDOLFI	113668
PHILLIP HANLEY	91815

May 8, 2013
DATE

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LEGEND:

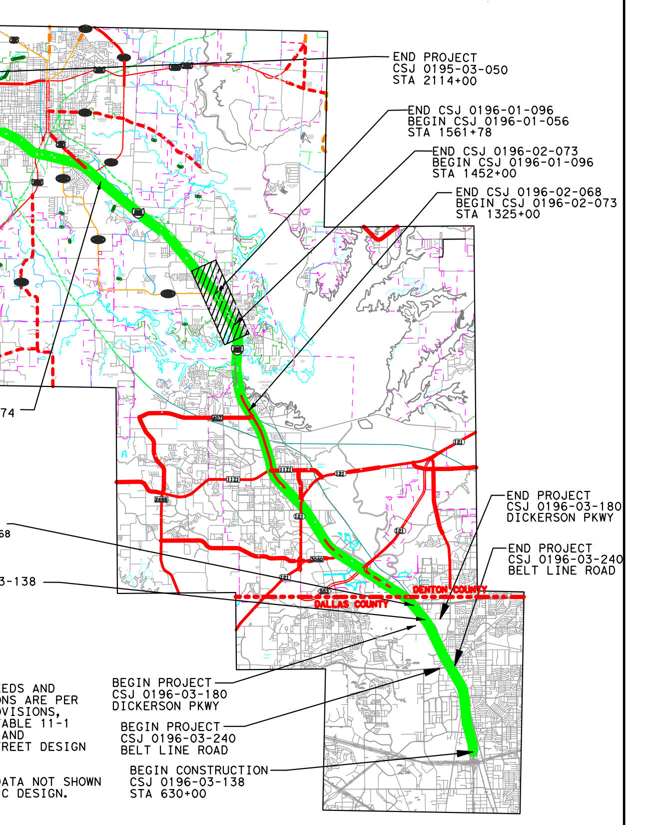
- FULL DEPTH CONSTRUCTION
- MILL AND OVERLAY
- BRIDGES
- SIDEWALK/SHARED USE PATH
- DISPLACEMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED CENTERLINE/BASELINE
- PROPOSED RETAINING WALL
- PROPOSED BARRIER
- PROPOSED METAL BEAM GUARD FENCE
- PROPOSED NOISE WALL
- CONTROL OF ACCESS
- ULTIMATE ROADWAY
- EXISTING CULVERT
- PROPOSED CULVERT
- SIGN BRIDGES
- PROPOSED GANTRY
- XX BRIDGE NUMBER
- REX-XX WALL NUMBER
- LOCATION OF ATTENUATOR
- XX CURVE NUMBER
- X NUMBER OF LANES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS ARCHER WESTERN | GRANITE | LANE | IH 35E MANAGED LANES

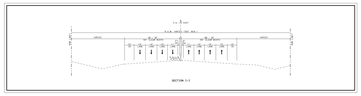


NOTES:

1. ALL ROADWAY DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS ARE PER RFP BOOK 2 TECHNICAL PROVISIONS, SECTION 11 - ROADWAYS, TABLE 11-1 ROADWAY DESIGN CRITERIA AND ATTACHMENT 11-1 CROSS-STREET DESIGN CRITERIA MATRICES.

2. ALL HORIZONTAL CURVE DATA NOT SHOWN MATCHES THE RFP SCHEMATIC DESIGN.

SCALE HORIZONTAL 1"=200'	DATE November 12, 2012
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	
PLAN STA. 1455+00 TO 1585+00	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 7 OF 35



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May 2013

PRELIMINARY

SUBJECT TO REVISIONS

ELEMENTS PREPARED BY:

THOMAS SANDALY — LICENSE # OR SIGNATURE

PHILLIP HANLEY — P.E. NUMBER OR SIGNATURE

NAME — REG. & DATE OR SEAL

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

LEGEND

- CELL SITE CONSTRUCTION
- CONCRETE
- DETAILS
- EXISTING RAILROAD (RR TRACK)
- EXISTING ROW
- EXPLOSIVES
- EXISTING WALL
- PROPOSED CONCRETE BARRIER
- PROPOSED CONCRETE WALL
- PROPOSED RETAINING WALL
- PROPOSED WALL (Mse Guard Fence)
- PROPOSED WATER MAIN
- PROPOSED WATER MAIN
- ELECTRIC RUNWAY
- PROPOSED ROW
- PROPOSED SLOPE
- PROPOSED SLOPE
- BRIDGE NUMBER
- FIELD NO. — FILL NUMBER
- LOCATION OF STRUCTURE
- CURVE NUMBER
- NUMBER OF LANES

NOTES

1. ALL ROADWAY DESIGN UNDER GRP WORK PACKAGE 1 (SOUTHERN SECTION) WORK PACKAGE 2 (CENTRAL SECTION) AND WORK PACKAGE 3 (NORTHERN SECTION) ARE UNDER THE DESIGN CRITERIA OF IH 35E MANAGED LANES.

DCTA PROJECT
DCTA A-train
STA 1585+00 TO STA 1730+00
DCTA PROJECT
DCTA A-train
STA 1730+00 TO STA 1780+00
DCTA PROJECT
DCTA A-train
STA 1780+00 TO STA 1815+00

Texas Department of Transportation

IH 35E MANAGED LANES

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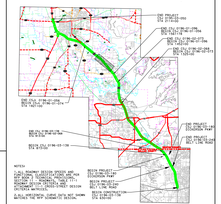
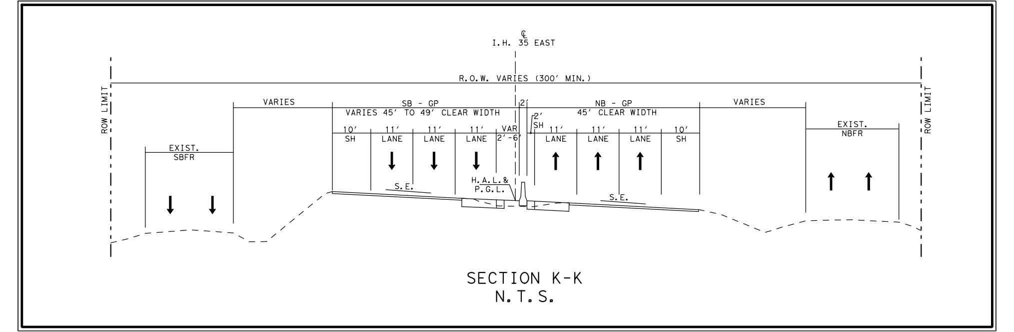
PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



SCALE: HORIZONTAL 1"=200'	DATE: February 1, 2013
DESIGNED BY:	COUNTY: Dallas/Denton
DRAWN BY:	LOOMILE:
CHECKED BY:	
PLAN STA. 1585+00 TO 1730+00	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 8 OF 10



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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

NAME	P.E. NUMBER
THOMAS GANDOLFI	113668
PHILLIP HANLEY	91815

May 8, 2013
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

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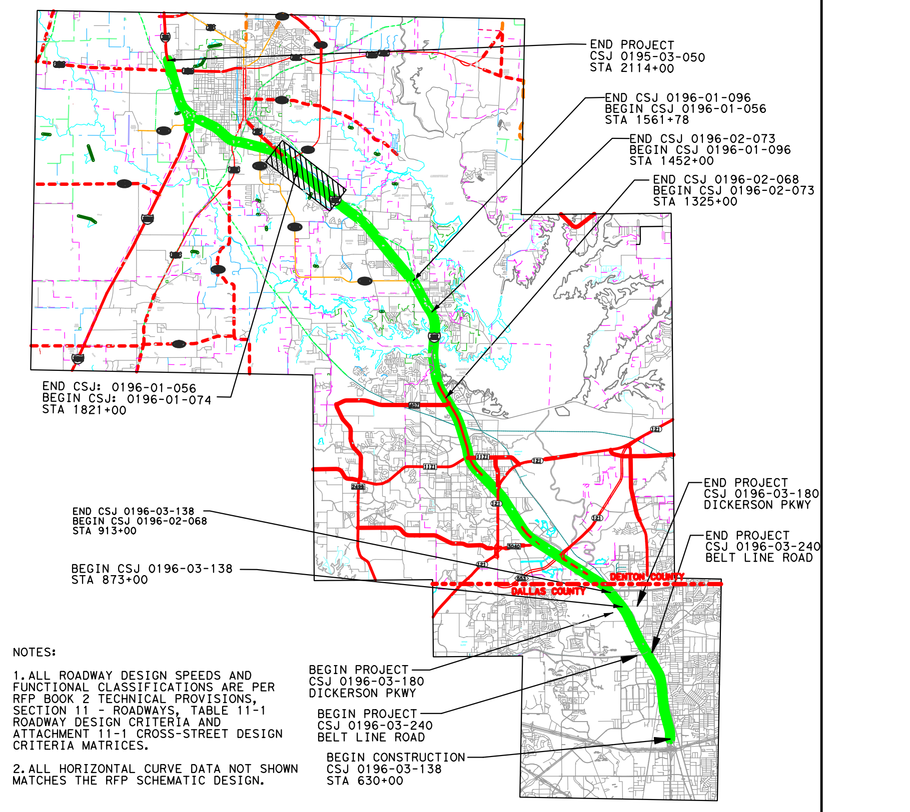
HDR
AGL CONSTRUCTORS
ARCHER WESTERN | GRANITE | LANE
IH 35E MANAGED LANES



LEGEND

EXISTING CULVERT
PROPOSED CULVERT
SIGN BRIDGES
PROPOSED GANTRY
BRIDGE NUMBER
WALL NUMBER
LOCATION OF ATTENUATOR
CURVE NUMBER
NUMBER OF LANES

SCALE HORIZONTAL 1"=200' **DATE** November 12, 2012

DESIGNED BY **COUNTY** Dallas/Denton
DRAWN BY LOGMILE
CHECKED BY

PLAN STA. 1730+00 TO 1850+00 WORK PACKAGE 4

DRAWING NO. **SHEET NO. 9 OF 35**

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS DANIELS	CLAIR
	NUMBER
FIELD DIRECT	123456
NAME	P.E. NUMBER

May 8, 2013
DATE

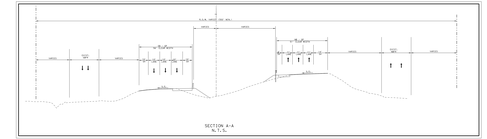
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



MATCH LINE STA 1850+00
MATCH LINE STA 1974+00
NEW SIGN
NEW SIGN
NEW SIGN

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

NAME	P.E. NUMBER
THOMAS GANDOLFI	113668
PHILLIP HANLEY	91815

May 8, 2013
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

LEGEND:

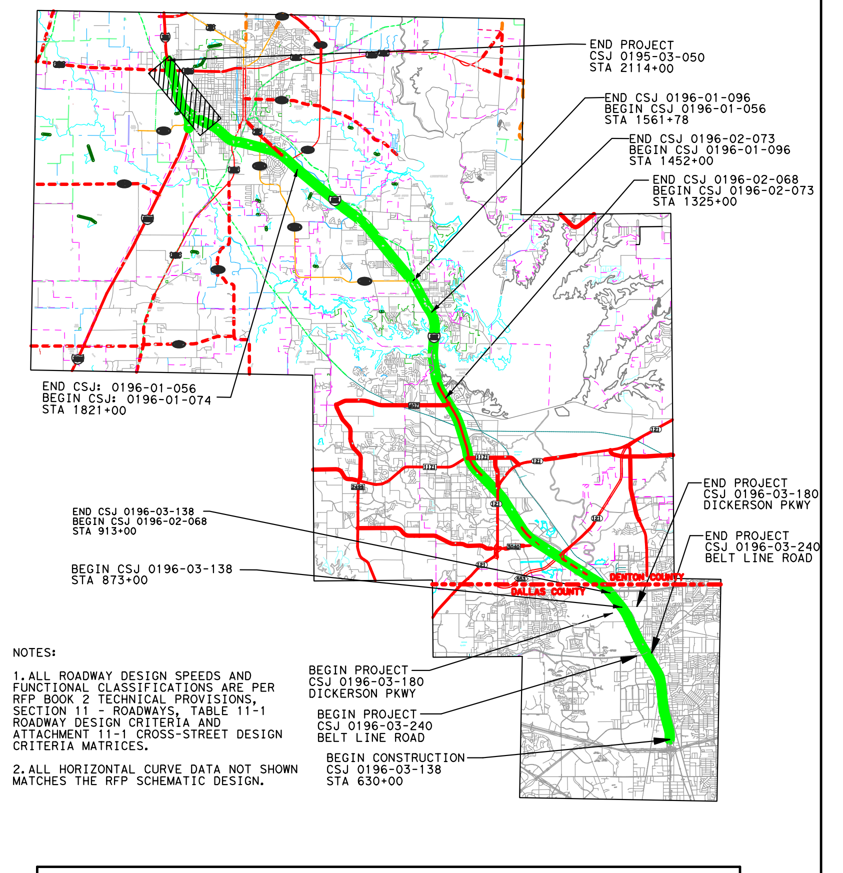
- FULL DEPTH CONSTRUCTION
- MILL AND OVERLAY
- BRIDGES
- SIDEWALK/SHARED USE PATH
- DISPLACEMENT
- EXISTING ROW
- PROPOSED ROW
- PROPOSED CENTERLINE/BASELINE
- PROPOSED RETAINING WALL
- PROPOSED BARRIER
- PROPOSED METAL BEAM GUARD FENCE
- PROPOSED NOISE WALL
- CONTROL OF ACCESS
- ULTIMATE ROADWAY
- EXISTING CULVERT
- PROPOSED CULVERT
- SIGN BRIDGES
- PROPOSED GANTRY
- XX BRIDGE NUMBER
- REX-XX WALL NUMBER
- LOCATION OF ATTENUATOR
- XX CURVE NUMBER
- X NUMBER OF LANES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS
HDR
AGL CONSTRUCTORS
ARCHER WESTERN | GRANITE | LANE
INTERSTATE TEXAS 35E
IH 35E MANAGED LANES



NOTES:

1. ALL ROADWAY DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS ARE PER RFP BOOK 2 TECHNICAL PROVISIONS, SECTION 11 - ROADWAYS, TABLE 11-1 ROADWAY DESIGN CRITERIA AND ATTACHMENT 11-1 CROSS-STREET DESIGN CRITERIA MATRICES.

2. ALL HORIZONTAL CURVE DATA NOT SHOWN MATCHES THE RFP SCHEMATIC DESIGN.

SCALE HORIZONTAL 1"=200'	**DATE** November 12, 2012
DESIGNED BY	**COUNTY** Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	
PLAN STA. 1974+00 TO 2114+00	WORK PACKAGE 4
DRAWING NO.	**SHEET NO. 11 OF 35**

CURVE DATA

ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI-NORTHING	PI-EASTING	PC-STATION	PC-NORTHING	PC-EASTING	PT STATION	PT-NORTHING	PT-EASTING
MAINLANES																
	A1	IML35CL1-1	15° 24′ 25.85" LT	0° 59′ 59.73"	775.09′	1,540.83′	5,730.00′	609+07.43	7,021,082.63	2,460,455.44	601+32.33	7,020,307.58	2,460,463.87	616+73.17	7,021,827.58	2,460,241.41
	A2	IML35CL1-2	0° 31′ 14.42" RT	0° 28′ 30.75"	54.78′	109.57′	12,057.00′	617+27.95	7,021,880.24	2,460,226.28	616+73.17	7,021,827.58	2,460,241.41	617+82.73	7,021,933.03	2,460,211.63
	A3	IML35CL1-3	8° 15′ 58.92" RT	0° 28′ 37.24"	867.98′	1,732.95′	12,011.42′	643+91.82	7,024,447.11	2,459,513.97	635+23.84	7,023,610.73	2,459,746.07	652+56.79	7,025,308.17	2,459,404.54
	A4	IML35CL1-4	24° 45′ 01.14" LT	1° 00′ 50.81"	1,239.63′	2,440.58′	5,649.83′	707+27.19	7,030,734.91	2,458,714.85	694+87.56	7,029,505.18	2,458,871.14	719+28.15	7,031,786.26	2,458,058.07
	A5	IML35CL1-5	4° 16′ 33.24" LT	0° 57′ 17.75"	223.99′	447.77′	6,000.00′	729+13.19	7,032,621.68	2,457,536.17	726+89.20	7,032,431.71	2,457,654.85	731+36.97	7,032,802.27	2,457,403.66
	A6	IML35CL1-6	6° 49′ 10.05" RT	0° 42′ 58.31"	476.65′	952.18′	8,000.00′	736+13.62	7,033,186.57	2,457,121.69	731+36.97	7,032,802.27	2,457,403.66	740+89.14	7,033,601.63	2,456,887.34
	A7	IML35CL1-7	0° 14′ 07.64" RT	0° 12′ 43.94"	55.48′	110.96′	27,000.00′	741+44.62	7,033,649.94	2,456,860.06	740+89.14	7,033,601.63	2,456,887.34	742+00.10	7,033,698.36	2,456,832.98
	A8	IML35CL1-8	3° 49′ 36.50" LT	0° 26′ 26.65"	434.30′	868.27′	13,000.00′	749+88.80	7,034,386.74	2,456,448.04	745+54.50	7,034,007.68	2,456,660.01	754+22.78	7,034,750.80	2,456,211.24
	A9	IML35CL1-9	6° 59′ 35.78" RT	0° 28′ 38.87"	733.24′	1,464.67′	12,000.00′	764+62.35	7,035,622.25	2,455,644.42	757+29.10	7,035,007.59	2,456,044.22	771+93.77	7,036,281.02	2,455,322.44
	A10	IML35CL1-10	2° 12′ 00.56" RT	0° 22′ 55.10"	288.04′	576.00′	15,000.00′	802+98.99	7,039,070.83	2,453,958.87	800+10.95	7,038,812.06	2,454,085.36	805+86.95	7,039,334.28	2,453,842.42
	A11	IML35CL1-11	2° 03′ 15.45" LT	0° 22′ 55.10"	268.93′	537.81′	15,000.00′	808+55.89	7,039,580.25	2,453,733.69	805+86.95	7,039,334.28	2,453,842.42	811+24.77	7,039,822.17	2,453,616.21
	A12	IML35CL1-12	12° 29′ 31.68" LT	1° 01′ 23.30"	612.91′	1,220.96′	5,600.00′	834+78.99	7,041,939.90	2,452,587.80	828+66.08	7,041,388.56	2,452,855.54	840+87.05	7,042,420.27	2,452,207.14
	A13	IML35CL1-13	2° 59′ 04.54" LT	0° 17′ 11.32"	521.03′	1,041.82′	20,000.00′	846+08.07	7,042,828.63	2,451,883.55	840+87.05	7,042,420.27	2,452,207.14	851+28.87	7,043,219.59	2,451,539.14
	A14	IML35CL1-14	1° 16′ 16.59" RT	0° 17′ 11.32"	221.89′	443.76′	20,000.00′	861+50.75	7,043,986.37	2,450,863.63	859+28.87	7,043,819.88	2,451,010.31	863+72.62	7,044,156.08	2,450,720.69
	A15	IML35CL1-15	17° 13′ 14.56" LT	0° 57′ 17.75"	908.52′	1,803.35′	6,000.00′	889+67.34	7,046,140.62	2,449,049.12	880+58.81	7,045,445.74	2,449,634.41	898+62.16	7,046,631.06	2,448,284.34
	A16	IML35CL1-16	2° 19′ 41.53" RT	0° 42′ 58.31"	162.56′	325.08′	8,000.00′	913+94.72	7,047,458.38	2,446,994.27	912+32.16	7,047,370.62	2,447,131.11	915+57.24	7,047,551.62	2,446,861.11
	A17	IML35CL1-17	2° 19′ 41.53" LT	0° 28′ 38.87"	243.84′	487.62′	12,000.00′	920+83.93	7,047,853.72	2,446,429.67	918+40.09	7,047,713.86	2,446,629.41	923+27.71	7,047,985.35	2,446,224.40

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS GANDOLFI — 113668
NAME — P.E. NUMBER

PHILLIP HANLEY — 91815
NAME — P.E. NUMBER

May 8, 2013
DATE

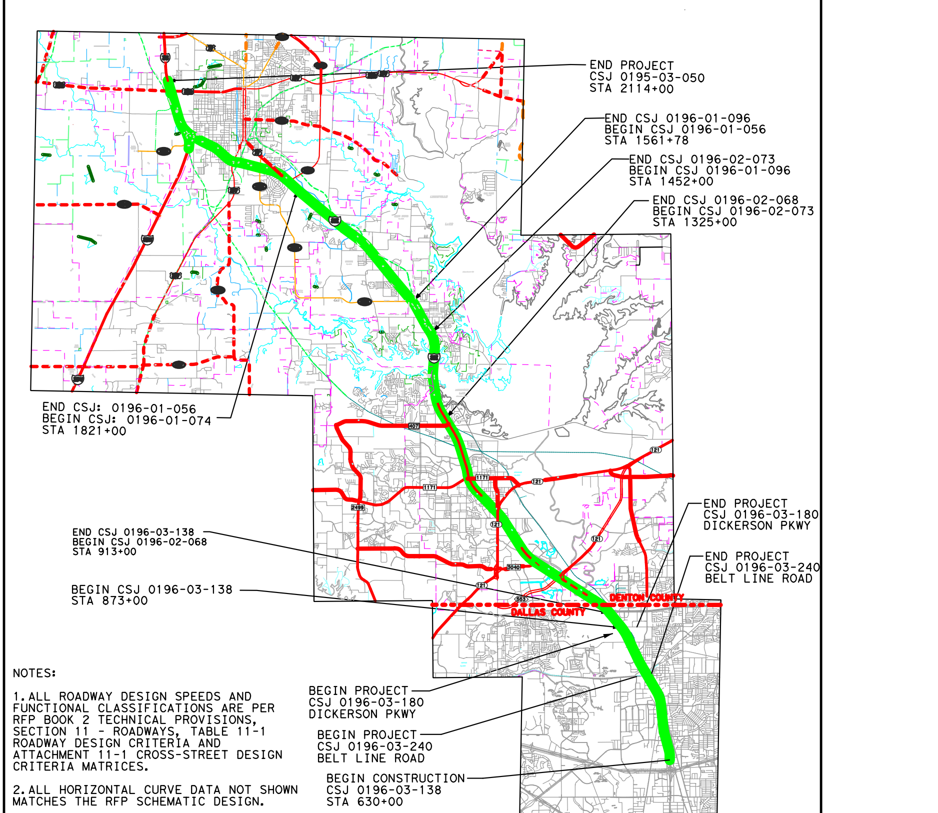
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS
HDR
AGL CONSTRUCTORS
ARCHER WESTERN | GRANITE | LANE
IH 35E MANAGED LANES

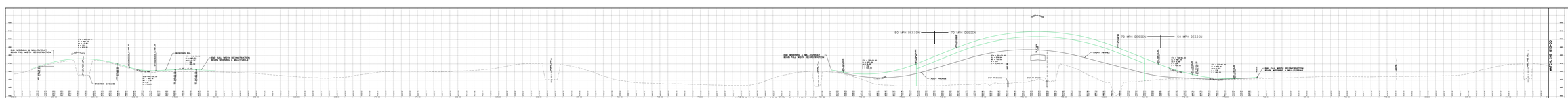


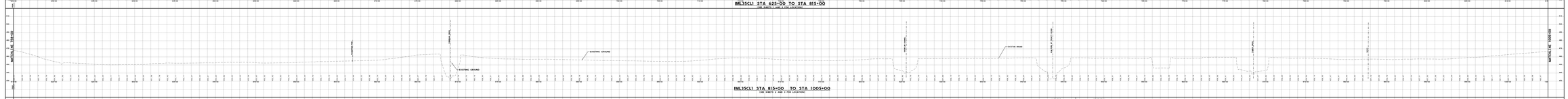
NOTES:

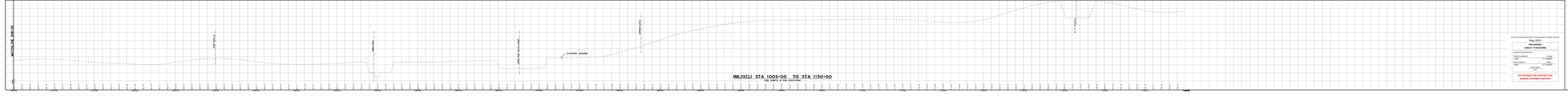
1. ALL ROADWAY DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS ARE PER RFP BOOK 2 TECHNICAL PROVISIONS, SECTION 11 - ROADWAYS, TABLE 11-1 ROADWAY DESIGN CRITERIA AND ATTACHMENT 11-1 CROSS-STREET DESIGN CRITERIA MATRICES.

2. ALL HORIZONTAL CURVE DATA NOT SHOWN MATCHES THE RFP SCHEMATIC DESIGN.

SCALE HORIZONTAL 1"=200′	DATE November 12, 2012
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	
HORIZONTAL CONTROL DATA	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 12 OF 35







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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

CONTRACT NUMBER	
TERRELL DAMERON	P.E. NUMBER
DATE	
FIELD OFFICE	
NAME	P.E. NUMBER
Mark Wolf	
DATE	

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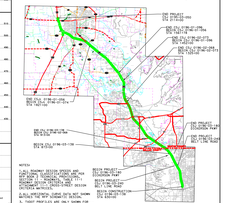
Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES

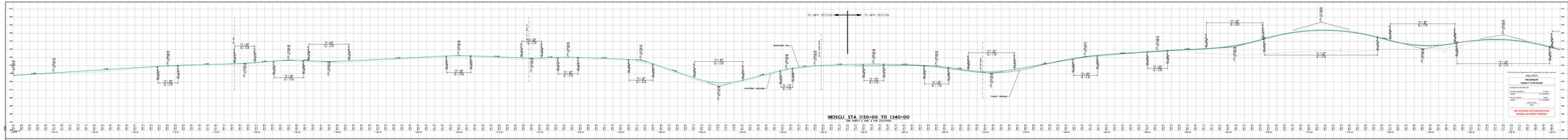


NOTES:
1. ALL ROADWAY DESIGN SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE WITH FINAL ENGINEERING.
2. ALL ROADWAY DESIGN SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE WITH FINAL ENGINEERING.
3. ALL MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE TEXAS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES.

SCALE: HORIZONTAL 1"=200'	DATE November 13, 2013
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOOMILE
CHECKED BY	

PROFILE STA. 625+00 TO 715+00 WORK PACKAGE 4

DRAWING NO.	SHEET NO. 13 OF 38



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May 2013
PRELIMINARY
Subject to Revision

SCHEMATIC PACKAGE 4

TRAFFIC CONTROL	CLOSED
TRUCKS	11% AVG / 15% MAX
POSTED SPEED	70MPH
DESIGN SPEED	70MPH

DESIGN SPEED = 70 MPH
DESIGN YEAR = 2035

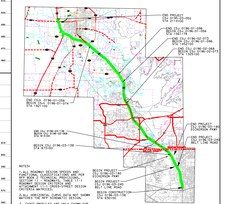
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES

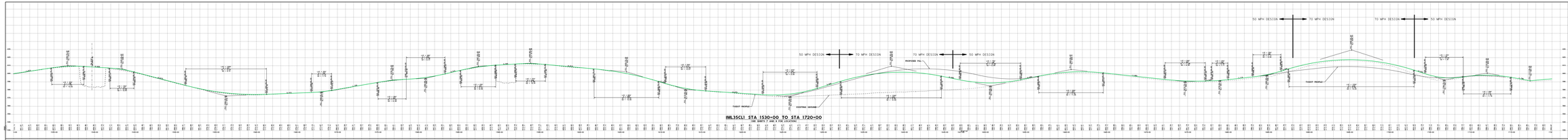


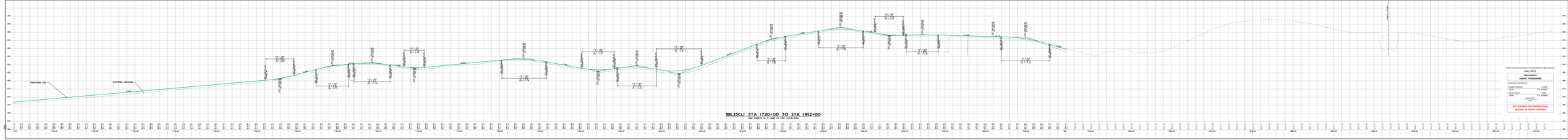
NOTES:
1. ALL ROADWAY DESIGN SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE WITH FINAL DESIGN. ALL DESIGN ELEMENTS SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE WITH FINAL DESIGN.
2. ALL ELEVATIONS SHOWN ARE NAVD88.
3. ALL ROADWAY DESIGN DOES NOT SHOWN ELEVATIONS FOR CROSS STREETS.
4. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

SCALE: HORIZONTAL 1"=200'	DATE: November 13, 2013
DESIGNED BY	COUNTY: Dallas/Denton
DRAWN BY	LOGMILE
CHECKED BY	

PROFILE STA. 1150+00 TO 1530+00 WORK PACKAGE 4

DRAWING NO. | SHEET NO. 14 OF 35





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May 2013
PRELIMINARY
SUBJECT TO REVISIONS

CONTRACTOR INFORMATION

TERRELL CURRIE	CURRIE
NAME	P.E. NUMBER
TERRELL CURRIE	P.E. NUMBER
NAME	
PRELIM. P.E.	
DATE	

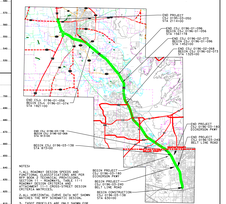
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS H2R | AGL CONSTRUCTORS | IH 35E MANAGED LANES



NOTES:
1. ALL ROADWAY DESIGN SHOWN ARE PRELIMINARY AND SUBJECT TO REVISIONS DURING FINAL DESIGN.
2. ALL ROADWAY DESIGN SHOWN ARE PRELIMINARY AND SUBJECT TO REVISIONS DURING FINAL DESIGN.

SCALE: HORIZONTAL 1"=200'	DATE: November 13, 2013
DESIGNED BY	COUNTY: Dallas/Denton
DRAWN BY	LOCATION: LOWELL
CHECKED BY	

PROFILE STA. 1530+00 TO 1912+00 WORK PACKAGE 4

DRAWING NO. | SHEET NO. 15 OF 30

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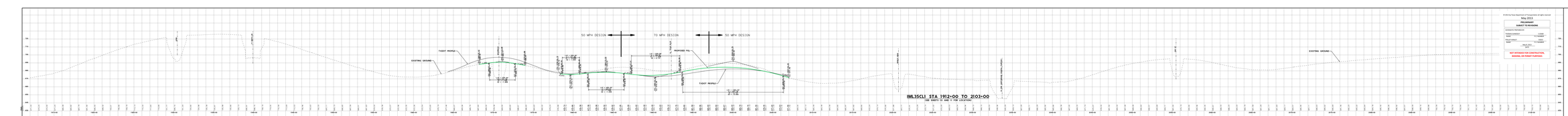
May 2013

PRELIMINARY
SUBJECT TO REVISION

SCHEMATIC PREPARED BY	
TXDOT CONTACT	CHAD
NAME	P.E. NUMBER
PROJECT SUBJECT TO	DATE
NOTICE	PACKAGE NO.

NOT APPROVED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

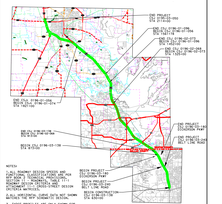


Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



SCALE: HORIZONTAL 1"=200'	DATE: November 12, 2013
DESIGNED BY	COUNTY: Dallas/Denton
DRAWN BY	LOOMILE
CHECKED BY	

PROFILE STA. 1912+00 TO 2120+00 WORK PACKAGE 4

DRAWING NO. | SHEET NO. 16 OF 38

IRMP35NBN1-A
(SEE SHEET 3 FOR LOCATION)

IRMP35NBN3
(SEE SHEET 3 FOR LOCATION)

IRMP35NBX2-A (ATC AGL-01)
(SEE SHEET 3 FOR LOCATION)

IRMP35NBX2
(SEE SHEET 3 FOR LOCATION)

IRMP35NBX3-A (AGL ATC-01)
(SEE SHEET 3 FOR LOCATION)

IRMP35NBX4
(SEE SHEET 3 FOR LOCATION)

IRMP35NBX5
(SEE SHEET 3 FOR LOCATION)

IRMP35SBN2
(SEE SHEET 2 AND 3 FOR LOCATION)

IRMP35SBN5
(SEE SHEET 2 FOR LOCATION)

IRMP35SBN29
(SEE SHEET 2 FOR LOCATION)

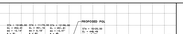
IRMP35SBX4
(SEE SHEET 2 FOR LOCATION)

IRMP35SBX30-A
(SEE SHEET 2 FOR LOCATION)

IRMP35NBN2
(SEE SHEET 3 FOR LOCATION)

IRMP35NBN4
(SEE SHEET 3 FOR LOCATION)

IRMP35SBX2
(SEE SHEET 2 FOR LOCATION)



IRMP35SBX3
(SEE SHEET 2 FOR LOCATION)

IRMP35SBN3-A (AGL ATC-01)
(SEE SHEET 2 FOR LOCATION)

IFRTG35SB20
(SEE SHEET 2 FOR LOCATION)

IFRTG35SB25
(SEE SHEET 2 FOR LOCATION)

IFRTG35NB17
(SEE SHEET 3 FOR LOCATION)

IFRTG35SB22
(SEE SHEET 2 FOR LOCATION)

IFRTG35SB21
(SEE SHEET 2 FOR LOCATION)

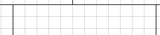
IFRTG35SB22
(SEE SHEET 2 FOR LOCATION)

IXNEWCL1-ATC (AGL ATC-01)
(SEE SHEET 2 FOR LOCATION)

IFRTG35NB51
(SEE SHEET 3 FOR LOCATION)

IFRTG35NB19-A (AGL ATC-01)
(SEE SHEET 3 FOR LOCATION)

IFRTG35SB24-A (AGL ATC-01)
(SEE SHEETS 1 AND 2 FOR LOCATION)

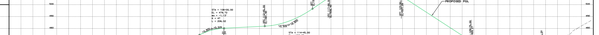


IFRTG35SB26
(SEE SHEET 2 FOR LOCATION)

IFRTG35NB50
(SEE SHEET 3 FOR LOCATION)

IXMAINWCL
(SEE SHEET 2 FOR LOCATION)

IXFOURTHCL
(SEE SHEET 2 FOR LOCATION)



IXBELTCL1-ATC (AGL ATC-01)
(SEE SHEET 2 FOR LOCATION)

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May 2015
PRELIMINARY
SUBJECT TO REVISIONS

ALTERNATIVE TECHNICAL CONCEPT
Submitted/Approved: ☐ YES ☐ NO

Engineer: _____ P.E. #_____
Date: _____

SEAL BLOCK

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

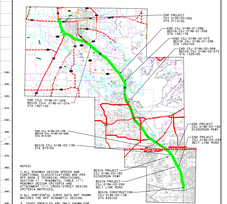
IH 35E MANAGED LANES

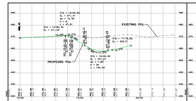
CONFIDENTIAL

PARSONS BRINCKERHOFF

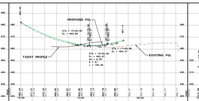
AGL CONSTRUCTORS
CONSTRUCTORS FOR A BETTER TEXAS

IH 35E
IH 35E MANAGED LANES


IH 35E MANAGED LANES
IH 35E
IH 35W
SEE PROJECT LOCATION MAP FOR LIMITS
SEE PROJECT LOCATION MAP FOR LIMITS
SEE SHEET 2 FOR LIMITS
SEE SHEET 2 FOR LIMITS
SEE SHEET 2



IRMP35SBX33
(SEE SHEET # FOR LOCATION)



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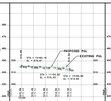
(SEE SHEET # FOR LOCATION)



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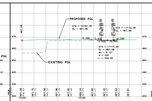
(SEE SHEET # FOR LOCATION)



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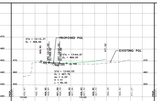
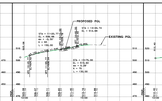
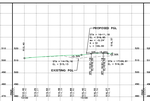
(SEE SHEET # FOR LOCATION)



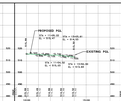
IRMP35SBN8
(SEE SHEET # FOR LOCATION)



IRMP35SBX9
(SEE SHEET # FOR LOCATION)



IRMP35NBN10
(SEE SHEET # FOR LOCATION)



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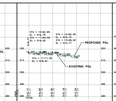
(SEE SHEET # FOR LOCATION)



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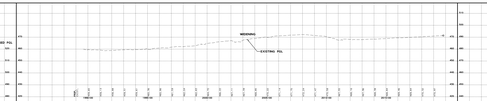
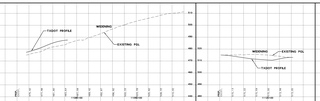
(SEE SHEET # FOR LOCATION)



IFRTG35SB19
(SEE SHEET # FOR LOCATION)



IRMP35NBJ3
(SEE SHEET # FOR LOCATION)

IFRTG35SB2B
(SEE SHEET # FOR LOCATION)

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY	
NAME	J. CRAIG
TITLE	PE, PMP, CCM
FIRM	HDR
TELEPHONE	214.347.8000

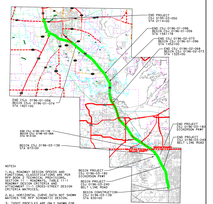
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



SCALE: HORIZONTAL 1"=200'	DATE November 13, 2013
DESIGNED BY	COUNTY Dallas/Denton
DRAWN BY	LOOMILE
CHECKED BY	

PROFILE RAMPS AND FRONTAGE WORK PACKAGE 4

DRAWING NO. | SHEET NO. 18 OF 32

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May 2013

PRELIMINARY

SUBJECT TO REVISING

Engineering Released on:

for the Construction of:

Project Engineer: _____ Date: _____

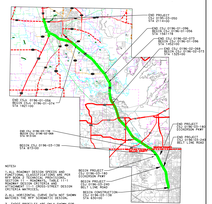
NOT AUTHORIZED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



SCALE: HORIZONTAL 1"=200'	DATE: November 12, 2013
DESIGNED BY	COUNTY: Dallas/Denton
DRAWN BY	CITY: LEWISVILLE
CHECKED BY	
PROFILE RAMPS, FRONTAGE AND CROSS STREETS	WORK PACKAGE 4
DRAWING NO.	SHEET NO. 19 OF 38

IFRTG35NB201 (ATC_AGL-04)
(SEE SHEET # FOR LOCATION)

IFRTG35NBX101 (ATC_AGL-04)
(SEE SHEET # FOR LOCATION)

RP_L03-NB (ATC_AGL-04)
(SEE SHEET # FOR LOCATION)

IGP35NB2
(SEE SHEET # FOR LOCATION)

ISCTCOUNTRYCLI
(SEE SHEET # FOR LOCATION)

IBMP35NB11
(SEE SHEET # FOR LOCATION)

IFRTG35NB1
(SEE SHEET # FOR LOCATION)

IFRTG35SB14
(SEE SHEET # FOR LOCATION)

ISCTTURBEVILCLI
(SEE SHEET # FOR LOCATION)

ISCTTURBJH
(SEE SHEET # FOR LOCATION)

ISCDENTONEASTCL-1
(SEE SHEET # FOR LOCATION)

IFRTG35NBX101
(SEE SHEET # FOR LOCATION)

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(SEE SHEET # FOR LOCATION)

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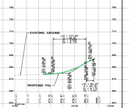
(SEE SHEET # FOR LOCATION)



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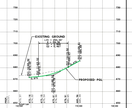
(SEE SHEET 10 FOR LOCATION)



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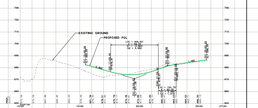

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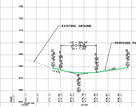
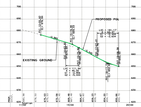
(SEE SHEET 10 FOR LOCATION)



IRMP35NBX26
(SEE SHEET 11 FOR LOCATION)



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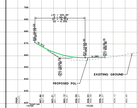
(SEE SHEET 10 FOR LOCATION)



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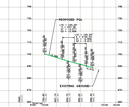

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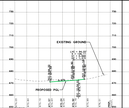

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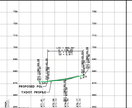
(SEE SHEET 10 FOR LOCATION)



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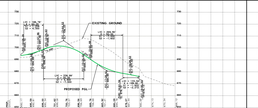
(SEE SHEET 10 FOR LOCATION)



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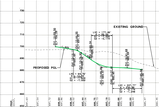
(SEE SHEET 11 FOR LOCATION)



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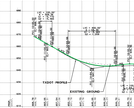
(SEE SHEET 11 FOR LOCATION)



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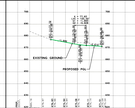
(SEE SHEET 10 FOR LOCATION)



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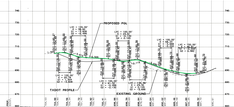
(SEE SHEET 10 FOR LOCATION)



I5CTNTEXASCLI
(SEE SHEET 11 FOR LOCATION)

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

ENGINEER'S PRINTED NAME:	LUNA
LICENSE NUMBER:	114 AUGUST
DATE:	2013
YOUR SIGNATURE:	
COMPANY:	TEXAS DEPARTMENT OF TRANSPORTATION

SEAL (IF REQUIRED)

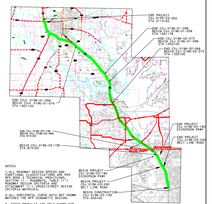
NOT APPROVED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

PARSONS HDR | AGL CONSTRUCTORS | IH 35E MANAGED LANES



RETAINING WALLS

WALL NAME	ALIGNMENT REFERENCE	BEGIN STATION	LENGTH (LF)	WALL TYPE	NOTES
RW-01	SF - NB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-02	SF - NB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-03	SF - NB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-04	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-05	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-06	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-07	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-08	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-09	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-10	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-11	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-12	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-13	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-14	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-15	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-16	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-17	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-18	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-19	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-20	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-21	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-22	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-23	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-24	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
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RW-32	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
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RW-98	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-99	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-100	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES

SEE RETAINING WALL NOTES FOR RETAINING WALL LOCATIONS NOT SHOWN.

RETAINING WALLS

WALL NAME	ALIGNMENT REFERENCE	BEGIN STATION	LENGTH (LF)	WALL TYPE	NOTES
RW-01	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-02	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-03	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-04	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-05	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-06	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-07	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-08	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-09	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-10	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-11	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-12	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-13	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
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RW-18	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-19	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-20	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-21	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-22	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-23	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-24	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-25	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-26	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-27	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-28	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-29	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
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RW-32	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-33	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-34	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-35	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-36	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-37	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-38	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-39	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-40	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-41	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-42	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-43	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-44	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-45	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-46	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-47	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-48	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-49	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-50	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-51	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-52	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-53	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-54	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-55	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-56	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-57	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-58	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-59	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-60	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-61	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-62	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-63	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-64	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-65	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-66	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-67	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-68	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-69	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-70	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-71	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-72	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-73	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-74	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-75	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-76	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-77	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-78	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-79	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-80	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-81	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-82	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-83	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-84	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-85	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-86	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-87	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-88	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-89	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-90	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-91	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-92	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-93	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-94	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-95	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-96	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-97	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-98	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-99	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES
RW-100	SF - SB	1000.00	1000.00	STD. WALL	SEE WALL NOTES

SEE RETAINING WALL NOTES FOR RETAINING WALL LOCATIONS NOT SHOWN.

BRIDGE LIST

BRIDGE NUMBER	DESCRIPTION	MIN/ PAVED + SHPD AT MIN	ATC SHPD AT MIN	BRIDGE PLAN SHEET
1	SB NL & SB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
2	SB NL & SB Offramp	Incl. Curb Lanes	N.A.	N.A.
3a	NB Frontage Rd Over SB NL & SB OL	Incl. Curb Lanes	N.A.	N.A.
3b	NB Frontage Rd Over SB NL & SB OL	Incl. Curb Lanes	N.A.	N.A.
4	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
5a	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
5b	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
6	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
7	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
8	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
9	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
10	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
11	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
12	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
13	NB Frontage Rd Over NB NL & NB OL	Incl. Curb Lanes	N.A.	N.A.
14	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
15	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
16	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
17	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
18	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
19	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
20	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
21	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
22	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
23	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
24	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
25	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
26	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
27	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
28	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
29	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
30	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
31	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
32	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
33	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
34	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
35	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
36	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
37	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
38	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
39	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
40	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
41	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
42	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
43	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
44	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
45	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
46	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
47	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
48	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
49	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
50	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
51	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
52	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
53	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
54	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
55	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
56	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
57	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
58	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
59	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
60	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
61	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
62	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
63	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
64	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
65	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
66	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
67	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
68	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
69	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
70	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
71	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
72	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
73	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
74	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
75	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
76	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
77	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
78	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
79	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
80	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
81	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
82	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
83	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
84	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
85	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
86	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
87	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
88	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
89	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
90	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
91	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
92	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
93	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
94	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
95	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
96	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
97	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
98	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
99	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
100	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.

BRIDGE LIST

BRIDGE NUMBER	DESCRIPTION	MIN/ PAVED + SHPD AT MIN	ATC SHPD AT MIN	BRIDGE PLAN SHEET
1	SB NL & SB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
2	SB NL & SB Offramp	Incl. Curb Lanes	N.A.	N.A.
3a	NB Frontage Rd Over SB NL & SB OL	Incl. Curb Lanes	N.A.	N.A.
3b	NB Frontage Rd Over SB NL & SB OL	Incl. Curb Lanes	N.A.	N.A.
4	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
5a	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
5b	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
6	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
7	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
8	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
9	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
10	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
11	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
12	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
13	NB Frontage Rd Over NB NL & NB OL	Incl. Curb Lanes	N.A.	N.A.
14	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
15	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
16	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
17	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
18	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
19	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
20	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
21	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
22	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
23	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
24	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
25	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
26	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
27	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
28	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
29	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
30	NB NL & NB OL Over Ditch	Incl. Curb Lanes	N.A.	N.A.
31	NB NL

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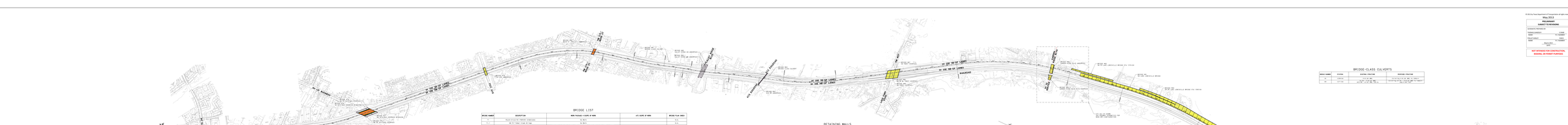
May 2023

PRELIMINARY
SUBJECT TO REVISIONS

ENGINEER'S PRINTED NAME:	LYNNE E. SULLIVAN
ENGINEER'S SEAL AND SIGNATURE:	113588 LYNNE E. SULLIVAN 5/23/2023
DATE:	May 23, 2023
FILE:	IH 35E MANAGED LANES

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES


BEGIN IH 35E MANAGED LANES
BEGIN IH 35E WORK PACKAGE 4
BEGIN IH 35E WORK PACKAGE 3
BEGIN IH 35E WORK PACKAGE 2
BEGIN IH 35E WORK PACKAGE 1

RETAINING WALLS

WALL NAME	HIGHEST MEMBER	WALL SYSTEM	LENGTH (FT)	TOTAL AREA (SF)	WALL TYPE	NOTES
RW-01	21'-0" MB	TEMPORARY SHORING	1,000.00	21,000	SOLDIER PILE	
RW-02	21'-0" MB	TEMPORARY SHORING	1,000.00	21,000	SOLDIER PILE	
RW-03	21'-0" MB	TEMPORARY SHORING	1,000.00	21,000	SOLDIER PILE	
RW-04	21'-0" MB	TEMPORARY SHORING	1,000.00	21,000	SOLDIER PILE	
RW-05	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-06	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-07	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-08	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-09	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-10	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-11	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-12	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-13	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-14	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-15	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-16	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-17	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-18	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-19	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-20	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-21	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-22	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-23	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-24	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-25	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-26	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-27	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-28	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-29	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-30	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-31	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-32	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-33	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-34	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-35	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-36	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-37	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-38	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-39	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-40	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-41	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-42	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-43	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-44	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-45	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-46	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-47	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-48	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-49	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-50	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-51	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-52	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-53	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-54	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-55	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-56	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-57	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-58	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-59	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-60	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-61	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-62	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-63	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-64	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-65	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-66	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-67	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-68	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-69	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-70	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-71	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-72	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-73	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-74	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-75	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-76	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-77	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-78	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-79	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-80	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-81	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-82	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-83	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-84	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-85	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-86	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-87	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-88	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-89	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-90	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-91	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-92	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-93	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-94	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-95	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-96	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-97	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-98	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-99	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	
RW-100	20'-0" MB	TEMPORARY SHORING	1,000.00	20,000	SOLDIER PILE	

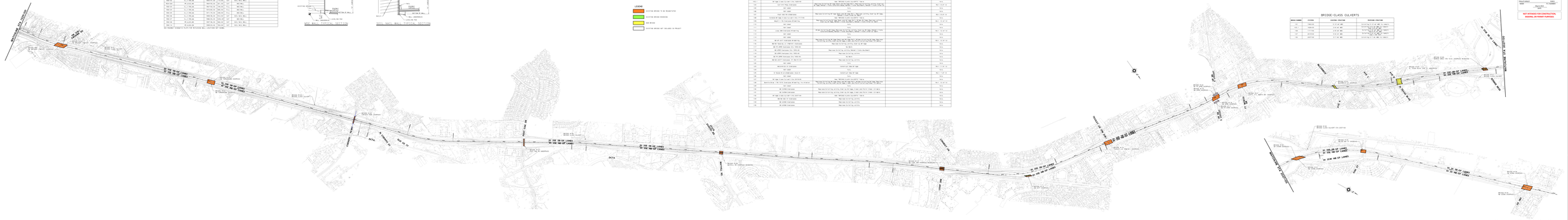
ALL RETAINING WALLS ARE TO BE DESIGNED BY A LICENSED TEXAS ENGINEER.

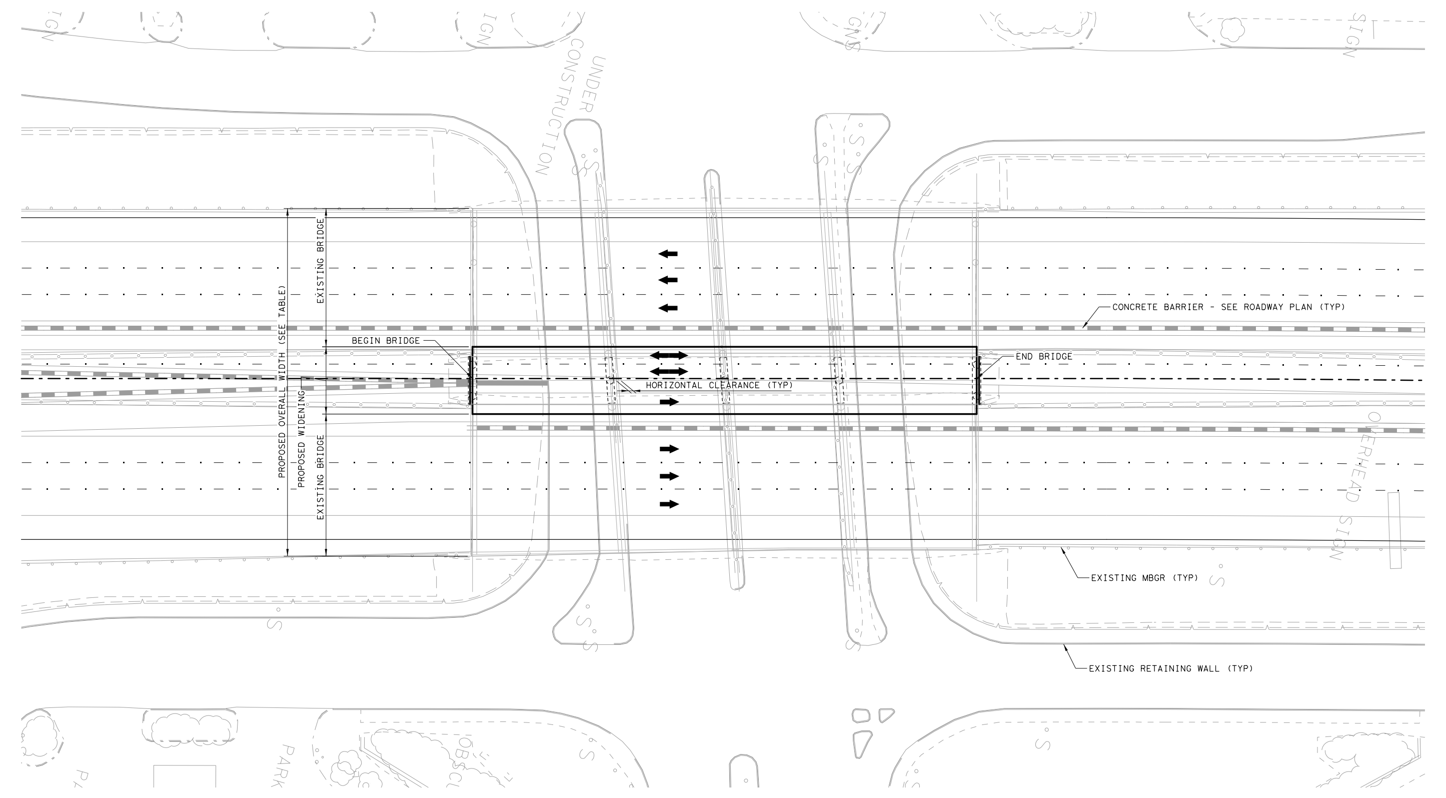
BRIDGE LIST

BRIDGE NAME	DESCRIPTION	MIN TXDOT K VALUE AT MSL	ATC SUPP AT MSL	BRIDGE PLAN SHEET
1-01	SB UP TO ROAD - PROP CIP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall	N.A.	N.A.
1-02	SB UP TO ROAD - PROP CIP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall	N.A.	N.A.
1-03	SB Ingle Creek Culvert Ext. Inverted	Temp Shoring, Soldier Pile Wall	N.A.	N.A.
1-04	SB UP Culvert Ext. Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-05	SB UP Culvert Ext. Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-06.1	SB Ingle Creek Culvert Ext. Inverted	Temp Shoring, Soldier Pile Wall	N.A.	N.A.
1-07	Culvert Ext. Prop Culvert	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-08	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall	N.A.	N.A.
1-09	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-10	Culvert Ext. Prop Culvert	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-11	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-12	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-13	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-14	Culvert Ext. Prop Culvert	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-15	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-16	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-17	Culvert Ext. Prop Culvert	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-18	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-19	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-20	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-21	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-22	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-23	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-24	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-25	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-26	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-27	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-28	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-29	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-30	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-31	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-32	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-33	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-34	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-35	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-36	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-37	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-38	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-39	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-40	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-41	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-42	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-43	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-44	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-45	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-46	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-47	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-48	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-49	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-50	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-51	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-52	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-53	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-54	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-55	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-56	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-57	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-58	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-59	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-60	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-61	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-62	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-63	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-64	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-65	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-66	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-67	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-68	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-69	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-70	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-71	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-72	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-73	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-74	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-75	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-76	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-77	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-78	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-79	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-80	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-81	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-82	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-83	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-84	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-85	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-86	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-87	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-88	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-89	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-90	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-91	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-92	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-93	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-94	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-95	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-96	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-97	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-98	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-99	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.
1-100	SB UP Inverted-T Bent Cap	Temp Shoring, Soldier Pile Wall, Temp Slope Fill	N.A.	N.A.

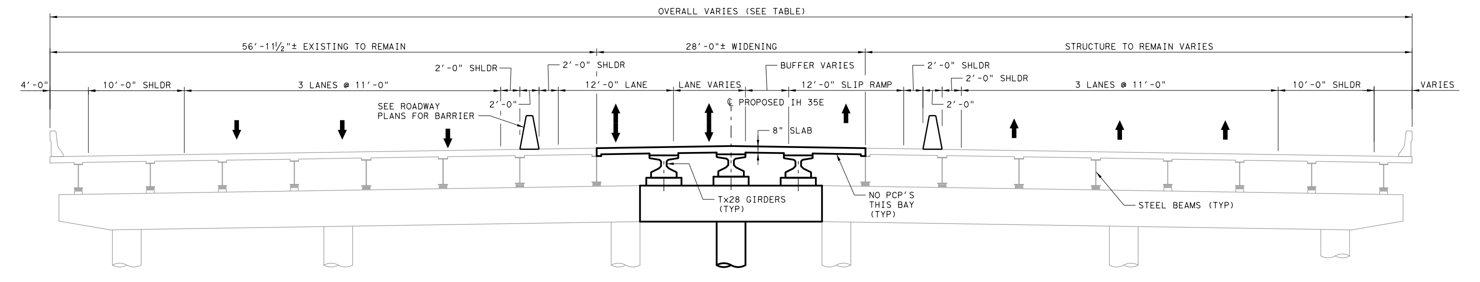
BRIDGE-CLASS CULVERTS

BRIDGE NAME	STATION	EXISTING STRUCTURE	PROPOSED STRUCTURE
1-CVL-1	2300+00	2-5'-0" x 4'-0" RCBC	Extending 5'-0" x 4'-0" RCBC
1-CVL-2	2305+00	2-5'-0" x 4'-0" RCBC	Extending 5'-0" x 4'-0" RCBC
1-CVL-3	2310+00	2-5'-0" x 4'-0" RCBC	Extending 5'-0" x 4'-0" RCBC
1-CVL-4	2315+00	2-5'-0" x 4'-0" RCBC	Extending 5'-0" x 4'-0" RCBC
1-CVL-5	2317+00	3-7'-0" x 6'-0" RCBC	Extending 7'-0" x 6'-0" RCBC


BUTTON 24 DR
SB UP TO ROAD
SB UP TO ROAD
SB UP TO ROAD



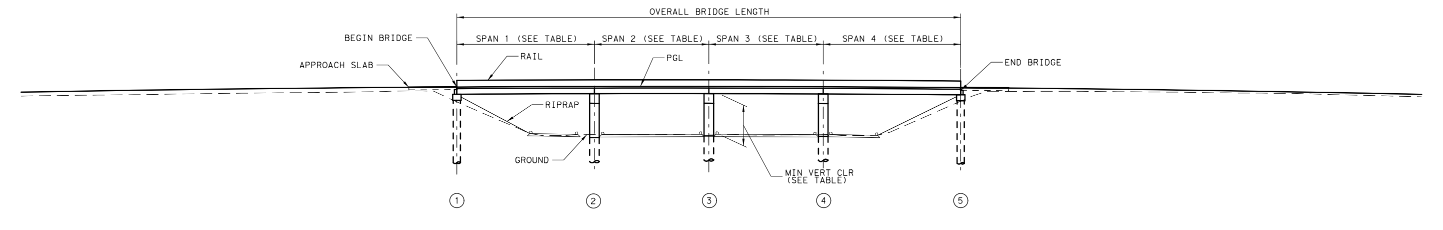
PLAN



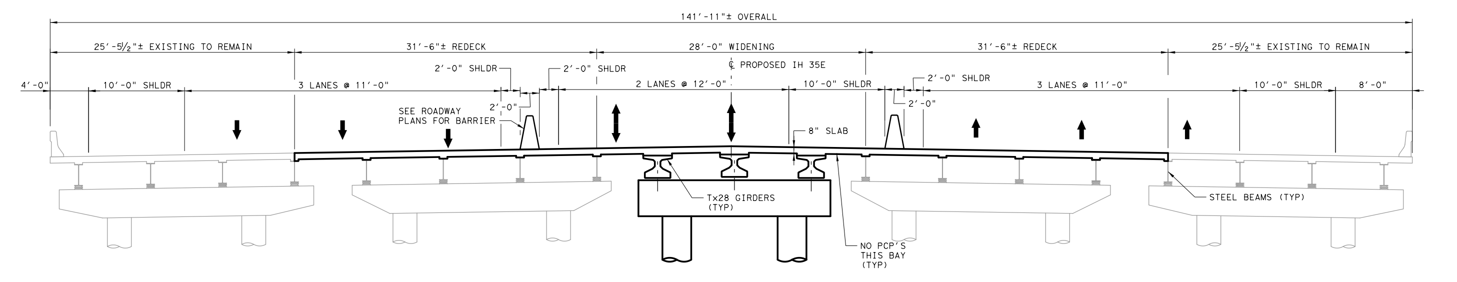
PROPOSED TYPICAL SECTION - VALLEY VIEW LANE

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
10	Valley View LN Overpass	1		632+59.63		0.0 deg	143.61′	N.A.	--				Abutment	Drilled Shafts	None
			1		57.33′					14.3′	14.3′	Prstrs Beam			
		2		633+16.96		3.0 deg	142.75′	0.8′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	None
			2		47.67′					14.3′	14.3′	Prstrs Beam			
		3		633+64.63		3.0 deg	142.14′	1.0′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	None
			3		47.67′					14.3′	14.3′	Prstrs Beam			
		4		634+12.30		3.0 deg	141.92′	1.9′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	None
			4		57.33′					14.3′	14.3′	Prstrs Beam			
		5		634+69.63		0.0 deg	141.92′	N.A.	--				Abutment	Drilled Shafts	None

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.



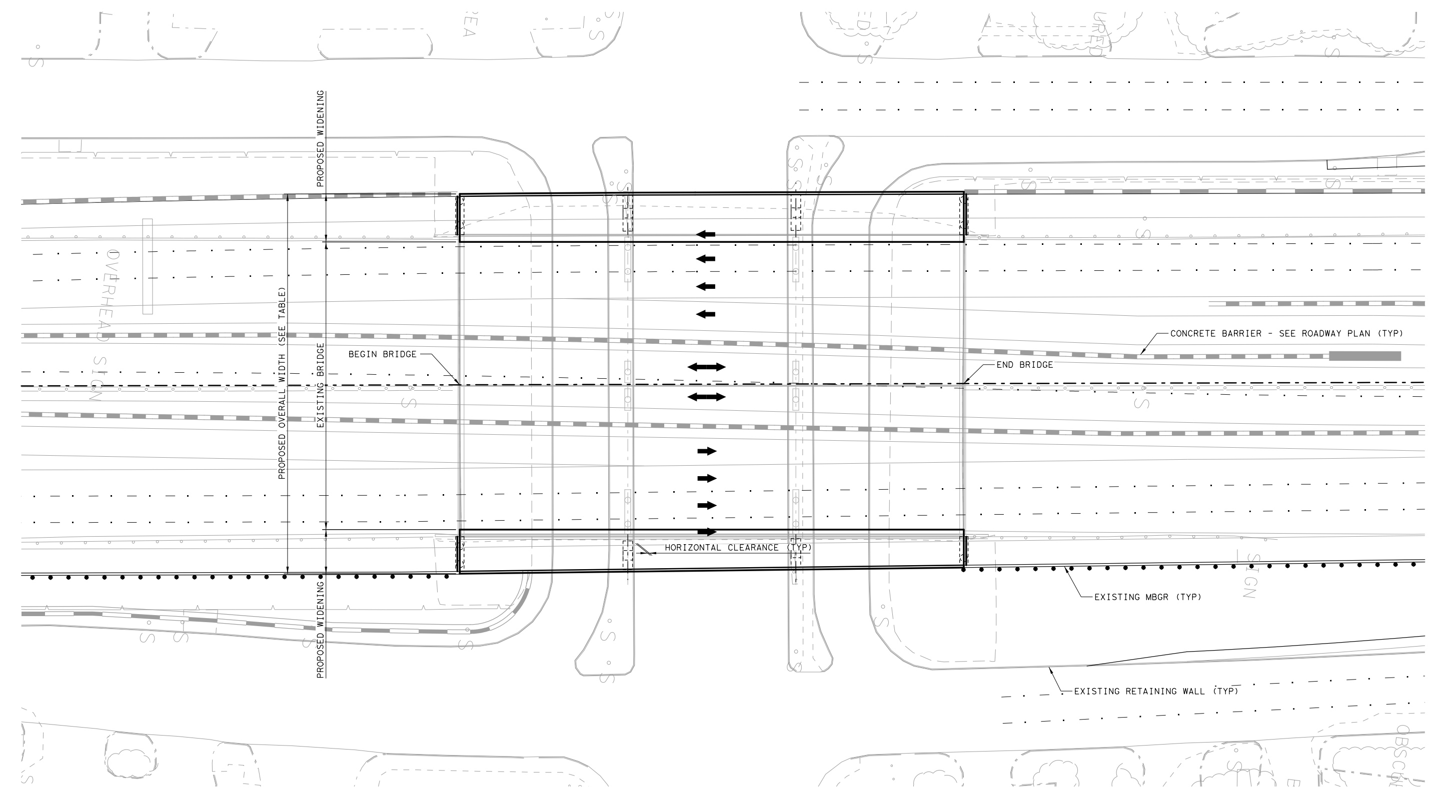
ELEVATION



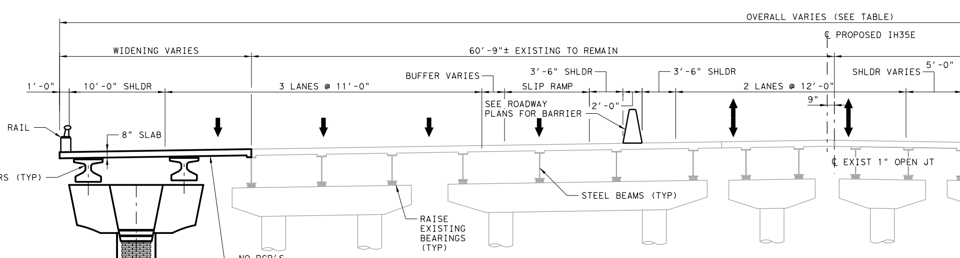
PROPOSED TYPICAL SECTION - WHITLOCK LANE

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
39	Whitlock Ln(Sandy Lake) Overpass Widening	1		811+83.70		0.0 deg	141.92′	6.8′	Concrete Barrier				Abutment	Drilled Shafts	None
			1		37.50′					15.2′	15.2′	Prstrs Beam			
		2		812+21.20		0.0 deg	141.92′	1.0′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	None
			2		45.00′					14.4′	14.4′	Prstrs Beam			
		3		812+66.20		0.0 deg	141.92′	1.0′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	None
			3		37.50′					14.6′	14.6′	Prstrs Beam			
		4		813+03.70		0.0 deg	141.92′	7.8′	Concrete Barrier				Abutment	Drilled Shafts	None

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.



PLAN



PROPOSED TYPICAL SECTION - VALWOOD PKWY

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
15	NB GP Valwood Pkwy Overpass	1		690+53.21		0.0 deg	78.33′	N.A.	--				Abutment	Drilled Shafts	Baseline - Urban
			1		70.00′					15.3′	15.1′	Prstrs Beam			
		2		691+23.21		0.0 deg	77.50′	0.0′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Baseline - Urban
			2		70.00′					14.7′	14.5′	Prstrs Beam			
		3		691+93.21		0.0 deg	76.65′	1.3′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Baseline - Urban
			3		70.00′					14.7′	14.5′	Prstrs Beam			
		4		692+63.21		0.0 deg	75.80′	N.A.	--				Abutment	Drilled Shafts	Baseline - Urban
16	SB GP Valwood Pkwy Overpass	1		690+53.21		0.0 deg	79.93′	N.A.	--				Abutment	Drilled Shafts	Baseline - Urban
			1		70.00′					15.3′	15.1′	Prstrs Beam			
		2		691+23.21		0.0 deg	80.47′	0.0′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Baseline - Urban
			2		70.00′					14.7′	14.5′	Prstrs Beam			
		3		691+93.21		0.0 deg	80.68′	1.3′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Baseline - Urban
			3		70.00′					14.7′	14.5′	Prstrs Beam			
		4		692+63.21		0.0 deg	80.86′	N.A.	--				Abutment	Drilled Shafts	Baseline - Urban

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

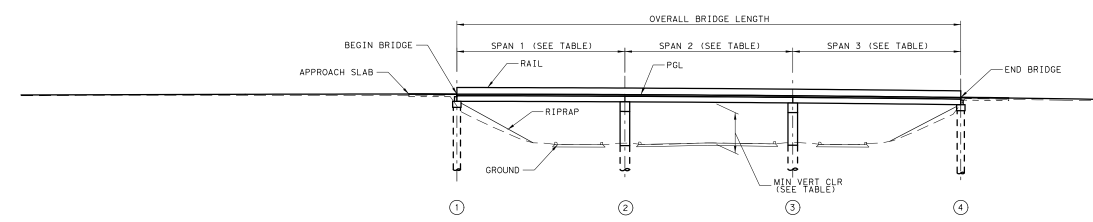
SCHEMATIC PREPARED BY:

THOMAS GANDOLFI — 113668
NAME — P.E. NUMBER

PHILLIP HANLEY — 91815
NAME — P.E. NUMBER

May 8, 2013
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES



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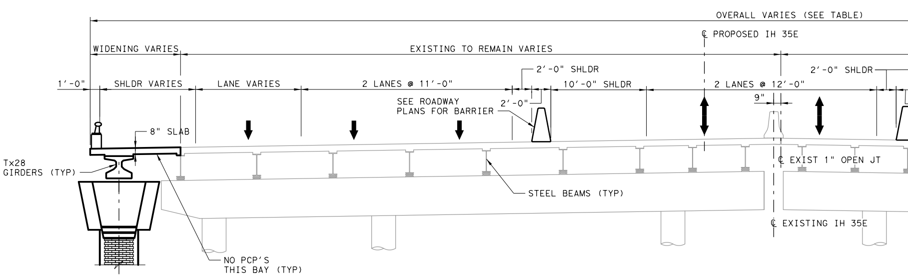

PROPOSED TYPICAL SECTION - CROSBY STREET

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
20	SB GP Crosby Street Overpass	1		723+88.14		0.0 deg	71.27′	N.A.	--				Abutment	Drilled Shafts	None
			1		28.50′					N.A.	N.A.	Prstrs Beam			
		2		724+16.64		0.0 deg	71.48′	8.5′	Curb				Multi-Col Bent	Drilled Shafts	Baseline - Urban
			2		63.00′					14.5′	14.5′	Prstrs Beam			
		3		724+79.64		0.0 deg	71.94′	6.5′	Curb				Multi-Col Bent	Drilled Shafts	Baseline - Urban
			3		28.50′					N.A.	N.A.	Prstrs Beam			
		4		725+08.14		0.0 deg	72.15′	N.A.	--				Abutment	Drilled Shafts	None

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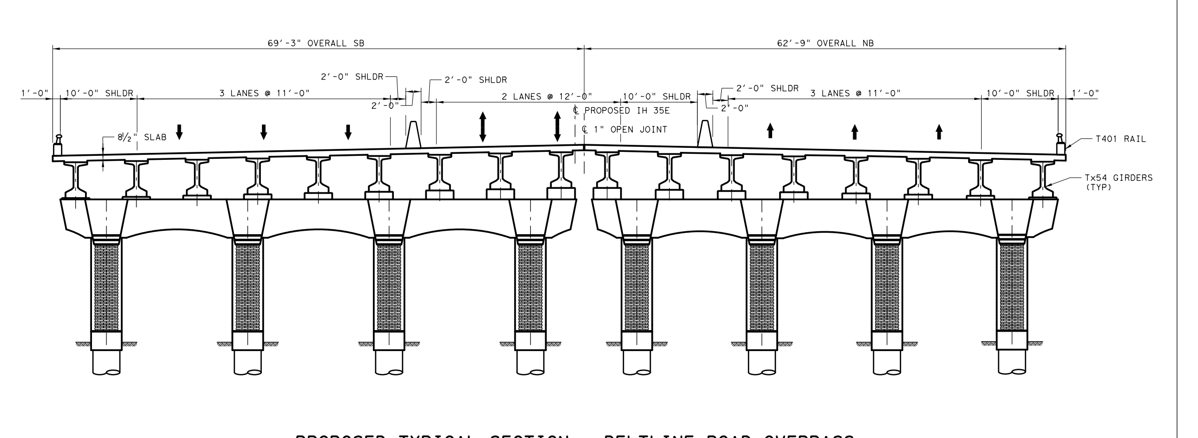

PROPOSED TYPICAL SECTION - BELTLINE ROAD OVERPASS

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
22	NB Belt Line Road Overpass (ATC)	1		736+25.50		0.0 deg	64.00'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -
			1		105.00'					N.A.	N.A.	Prstrs Beam			--
		2		737+30.50		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			2		105.00'					N.A.	N.A.	Prstrs Beam			--
		3		738+35.50		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			3		105.00'					N.A.	N.A.	Prstrs Beam			--
		4		739+40.50		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			4		105.00'					N.A.	N.A.	Prstrs Beam			--
		5		740+45.50		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			5		105.00'					N.A.	N.A.	Prstrs Beam			--
		6		741+50.50		0.0 deg	64.00'	32.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			6		105.00'					N.A.	<16.5'	Prstrs Beam			--
		7		742+55.50		0.0 deg	64.00'	26.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			7		101.00'					N.A.	N.A.	Prstrs Beam			--
		8		743+56.50		15.0 deg	64.00'	61.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			8		114.00'					N.A.	<16.5'	Prstrs Beam			--
		9		744+70.50		20.0 deg	64.00'	2.0'	Curb				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			9		35.00'					N.A.	N.A.	Prstrs Beam			--
		10		745+05.50		60.0 deg	64.00'	44.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			10		193.00'					N.A.	<23.0'	Steel Girder			--
		11		746+98.50		60.0 deg	64.00'	28.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			11		90.00'					N.A.	N.A.	Prstrs Beam			--
		12		747+88.50		50.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			12		90.00'					N.A.	N.A.	Prstrs Beam			--
		13		748+78.50		35.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			13		90.00'					N.A.	N.A.	Prstrs Beam			--
		14		749+68.50		15.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			14		95.00'					N.A.	N.A.	Prstrs Beam			--
		15		750+63.50		5.0 deg	64.00'	73.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			15		115.00'					N.A.	<16.5'	Prstrs Beam			--
		16		751+78.50		5.0 deg	64.00'	0.0'	Curb				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			16		91.00'					N.A.	<16.5'	Prstrs Beam			--
		17		752+69.50		5.0 deg	64.00'	36.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			17		81.50'					N.A.	<23.0'	Prstrs Beam			--
		18		753+51.00		0.0 deg	64.00'	27.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			18		105.00'					N.A.	N.A.	Prstrs Beam			--
		19		754+56.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			19		105.00'					N.A.	N.A.	Prstrs Beam			--
		20		755+61.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			20		105.00'					N.A.	N.A.	Prstrs Beam			--
		21		756+66.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			21		105.00'					N.A.	N.A.	Prstrs Beam			--
		22		757+71.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			22		105.00'					N.A.	N.A.	Prstrs Beam			--
		23		758+76.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			23		105.00'					N.A.	N.A.	Prstrs Beam			--
		24		759+81.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			24		105.00'					N.A.	<16.5'	Prstrs Beam			--
		25		760+86.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			25		105.00'					N.A.	N.A.	Prstrs Beam			--
		26		761+91.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			26		105.00'					N.A.	N.A.	Prstrs Beam			--
		27		762+96.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			27		105.00'					N.A.	N.A.	Prstrs Beam			--
		28		764+01.00		0.0 deg	64.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			28		99.00'					N.A.	N.A.	Prstrs Beam			--
		29		765+00.00		0.0 deg	64.00'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS GANDOLFI — NAME; 113668 — P.E. NUMBER

PHILLIP HANLEY — NAME; 91815 — P.E. NUMBER

May 8, 2013 — DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
23	SB Belt Line Road Overpass (ATC)	1		736+25.50		0.0 deg	68.00'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -
			1		105.00'					N.A.	N.A.	Prstrs Beam			--
		2		737+30.50		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			2		105.00'					N.A.	N.A.	Prstrs Beam			--
		3		738+35.50		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			3		105.00'					N.A.	N.A.	Prstrs Beam			--
		4		739+40.50		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			4		105.00'					N.A.	N.A.	Prstrs Beam			--
		5		740+45.50		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			5		105.00'					N.A.	N.A.	Prstrs Beam			--
		6		741+50.50		0.0 deg	68.00'	32.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			6		105.00'					N.A.	<16.5'	Prstrs Beam			--
		7		742+55.50		0.0 deg	68.00'	26.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			7		69.00'					N.A.	N.A.	Prstrs Beam			--
		8		743+24.50		20.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			8		61.00'					N.A.	N.A.	Prstrs Beam			--
		9		743+85.50		30.0 deg	68.00'	50.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			9		120.00'					N.A.	<16.5'	Prstrs Beam			--
		10		745+05.50		60.0 deg	68.00'	0.0'	Curb		<16.5'		Multi-Col Bent	Drilled Shafts	Baseline Accent -
			10		193.00'					N.A.	<23.0'	Steel Girder			--
		11		746+98.50		60.0 deg	68.00'	27.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			11		90.00'					N.A.	N.A.	Prstrs Beam			--
		12		747+88.50		50.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			12		90.00'					N.A.	N.A.	Prstrs Beam			--
		13		748+78.50		35.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			13		90.00'					N.A.	N.A.	Prstrs Beam			--
		14		749+68.50		15.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			14		95.00'					N.A.	N.A.	Prstrs Beam			--
		15		750+63.50		5.0 deg	68.00'	73.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			15		115.00'					N.A.	<16.5'	Prstrs Beam			--
		16		751+78.50		5.0 deg	68.00'	0.0'	Curb				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			16		91.00'					N.A.	<16.5'	Prstrs Beam			--
		17		752+69.50		5.0 deg	68.00'	36.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			17		81.50'					N.A.	<23.0'	Prstrs Beam			--
		18		753+51.00		0.0 deg	68.00'	27.0'	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			18		105.00'					N.A.	N.A.	Prstrs Beam			--
		19		754+56.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			19		105.00'					N.A.	N.A.	Prstrs Beam			--
		20		755+61.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			20		105.00'					N.A.	N.A.	Prstrs Beam			--
		21		756+66.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			21		105.00'					N.A.	N.A.	Prstrs Beam			--
		22		757+71.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			22		105.00'					N.A.	N.A.	Prstrs Beam			--
		23		758+76.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			23		105.00'					N.A.	N.A.	Prstrs Beam			--
		24		759+81.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			24		105.00'					N.A.	<16.5'	Prstrs Beam			--
		25		760+86.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			25		105.00'					N.A.	N.A.	Prstrs Beam			--
		26		761+91.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			26		105.00'					N.A.	N.A.	Prstrs Beam			--
		27		762+96.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			27		105.00'					N.A.	N.A.	Prstrs Beam			--
		28		764+01.00		0.0 deg	68.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			28		99.00'					N.A.	N.A.	Prstrs Beam			--
		29		765+00.00		0.0 deg	68.00'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -

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IH 35E WORK PACKAGE 4 BRIDGE CONCEPT PLANS BRIDGE ROLL 2 OF 12

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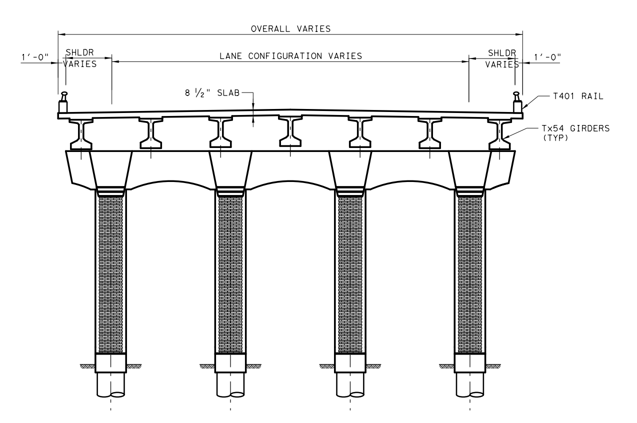
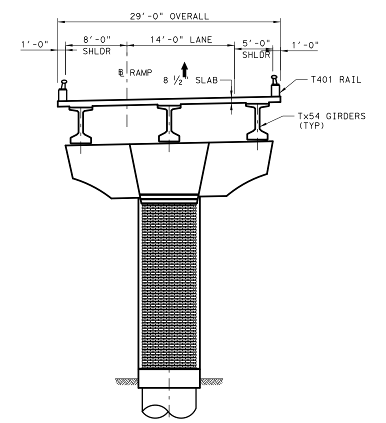


TYPICAL MULTI COLUMN BENT SECTION



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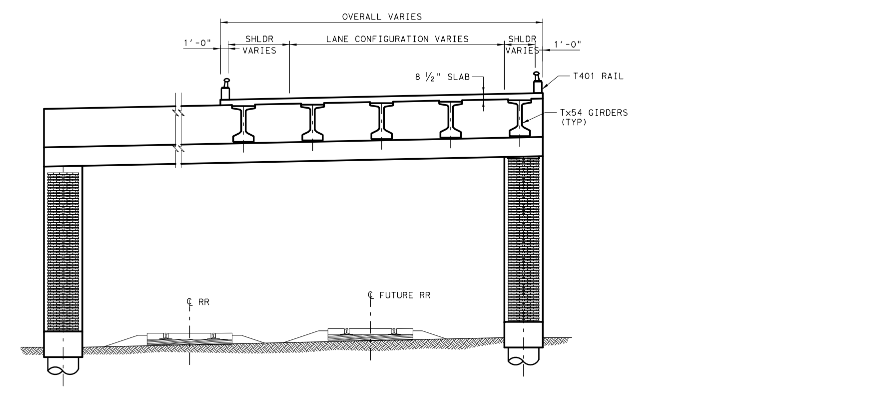
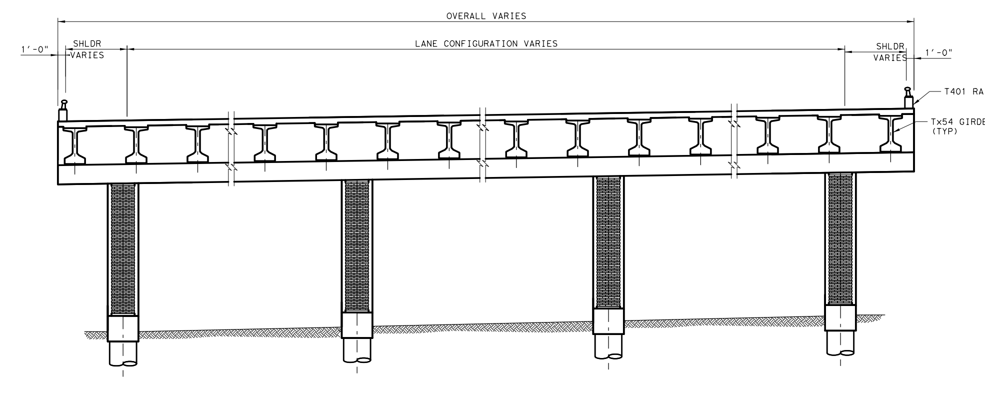


TYPICAL STRADDLE BENT SECTION



TYPICAL MULTI COLUMN "L" BENT SECTION

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
36.1	Belt Line Road SE Ramp (ATC)	1		1741+09.52		0.0 deg	72.50'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -
			1		120.00'					N.A.	<16.5'	Prstrs Beam	--	--	--
		2		1742+29.52		0.0 deg	55.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			2		120.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		3		1743+49.52		0.0 deg	51.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			3		120.00'					N.A.	<16.5'	Prstrs Beam	--	--	--
		4		1744+69.52		0.0 deg	51.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			4		120.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		5		1745+89.52		0.0 deg	51.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			5		120.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		6		1747+09.52		0.0 deg	71.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			6		105.00'					N.A.	<23.0'	Prstrs Beam	--	--	--
		7		1748+14.52		0.0 deg	71.00'	N.A.	--		<23.0'		Straddle Bent	Drilled Shafts	Baseline Accent -
			7		105.00'					N.A.	<23.0'	Prstrs Beam	--	--	--
		8		1749+19.52		0.0 deg	81.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			8		80.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		9		1749+99.52		3.0 deg	125.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			9		38.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		10		1750+37.52		4.0 deg	258.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
36.2	Belt Line Road NE Ramp (ATC)	1		1751+89.86		19.0 deg	178.70'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			1		45.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		2		1752+34.86		0.0 deg	105.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			2		71.00'					N.A.	<23.0'	Prstrs Beam	--	--	--
		3		1753+05.86		0.0 deg	33.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			3		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		4		1754+05.86		0.0 deg	30.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			4		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		5		1755+05.86		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			5		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		6		1756+05.86		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			6		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		7		1757+05.86		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			7		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		8		1758+05.86		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			8		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		9		1759+05.86		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			9		102.00'					N.A.	<16.5'	Prstrs Beam	--	--	--
		10		1760+07.86		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			10		80.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		11		1760+87.86		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			11		103.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		12		1761+90.86		0.0 deg	29.00'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
36.3	Belt Line Road NW Ramp (ATC)	1		2751+20.76		1.0 deg	215.50'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			1		94.00'					N.A.	<23.0'	Prstrs Beam	--	--	--
		2		2752+14.76		0.0 deg	81.50'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			2		95.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		3		2753+09.76		0.0 deg	74.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			3		114.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		4		2754+23.76		0.0 deg	73.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			4		114.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		5		2755+37.76		0.0 deg	72.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			5		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		6		2756+37.76		0.0 deg	62.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			6		100.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		7		2757+37.76		0.0 deg	51.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			7		97.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		8		2758+34.76		0.0 deg	51.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			8		105.00'					N.A.	<16.5'	Prstrs Beam	--	--	--
		9		2759+39.76		0.0 deg	51.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			9		110.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		10		2760+49.76		0.0 deg	51.00'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			10		90.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		11		2761+39.76		0.0 deg	51.00'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -
36.4	Belt Line Road SW Ramp (ATC)	1		2739+35.64		0.0 deg	65.00'	N.A.	--				Abutment	Drilled Shafts	Baseline Accent -
			1		82.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		2		2740+17.64		0.0 deg	59.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			2		103.00'					N.A.	<23.0'	Prstrs Beam	--	--	--
		3		2741+20.64		0.0 deg	42.51'	N.A.	--		<23.0'		Straddle Bent	Drilled Shafts	Baseline Accent -
			3		105.00'					N.A.	<23.0'	Prstrs Beam	--	--	--
		4		2742+25.64		0.0 deg	30.91'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			4		105.00'					N.A.	<16.5'	Prstrs Beam	--	--	--
		5		2743+30.64		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			5		105.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		6		2744+35.64		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			6		105.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		7		2745+40.64		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			7		105.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		8		2746+45.64		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			8		105.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		9		2747+50.64		0.0 deg	29.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			9		105.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		10		2748+55.64		0.0 deg	38.00'	N.A.	--				Single Column Bent	Drilled Shafts	Baseline Accent -
			10		80.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		11		2749+35.64		16.0 deg	84.90'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -
			11		40.00'					N.A.	N.A.	Prstrs Beam	--	--	--
		12		2749+75.64		16.0 deg	192.58'	N.A.	--				Multi-Col Bent	Drilled Shafts	Baseline Accent -

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS GANDOLFI — 113668
NAME — P.E. NUMBER

PHILLIP HANLEY — 91815
NAME — P.E. NUMBER

May 8, 2013
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

SHEET NO. 26 OF 35

INTERSTATE TEXAS 35E — IH 35E MANAGED LANES

AGL CONSTRUCTORS — ARCHER WESTERN | GRANITE | LANE

PARSONS HDR

IH 35E WORK PACKAGE 4
BRIDGE CONCEPT PLANS
BRIDGE ROLL 3 OF 12

Texas Department of Transportation

IH 35E MANAGED LANES

CONFIDENTIAL

FUTURE CUTTING BELT
CUTTING BELT
MEDIAN
FUTURE BENT
BEGIN BRIDGE
END BRIDGE
LOW BRIDGE
PLAN
SKEW = 0.000
OVERALL BRIDGE LENGTH
SPAN 1 - 100.166 FEET
SPAN 2 - 100.166 FEET
SPAN 3 - 100.166 FEET
SPAN 4 - 100.166 FEET
SPAN 5 - 100.166 FEET
SPAN 6 - 100.166 FEET
SPAN 7 - 100.166 FEET
SPAN 8 - 100.166 FEET
SPAN 9 - 100.166 FEET
SPAN 10 - 100.166 FEET
SPAN 11 - 100.166 FEET
SPAN 12 - 100.166 FEET
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SPAN 18 - 100.166 FEET
SPAN 19 - 100.166 FEET
SPAN 20 - 100.166 FEET
SPAN 21 - 100.166 FEET
SPAN 22 - 100.166 FEET
SPAN 23 - 100.166 FEET
SPAN 24 - 100.166 FEET
BEGIN BRIDGE
APPROACH SLAB
TECHNICAL WALL
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W3
W4
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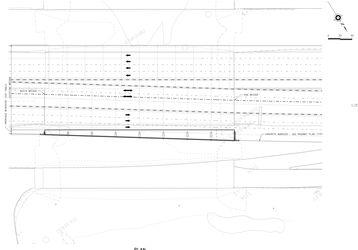
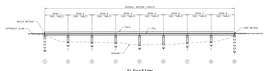


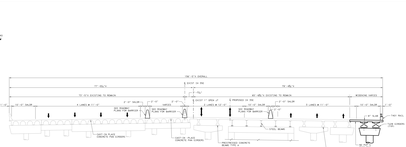
PLAN

ELM FORK RELIEF NO. 2



ELEVATION

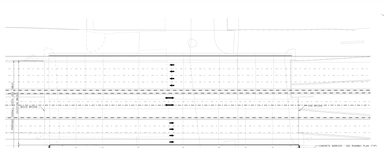
ELM FORK RELIEF NO. 2



PROPOSED TYPICAL SECTION - ELM FORK RELIEF 2 BRIDGE

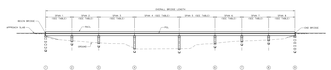
Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Status	Geometry		Clearance			Protection	Calculated Required Capacity (RF)	Proposed Bridge Type			
					Span Length	Rise	Proposed Min. Vert. Clear. Above Design Flood	Minimum Horizontal Clearance	Overhead Clearance (Bridges)			Superstructure Type	Foundation Type	Substructure Type	Substructure Aesthetics
69	SR 39 Elm Fork Relief No. 2 Bridge Widening	1	1	Existing	200'-00.00"	19.10'	N/A	N/A	N/A	N/A	N/A	Existing Bridge			
		1	1	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		2	1	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		2	2	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		3	2	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		3	3	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		4	3	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		4	4	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		5	4	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		5	5	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		6	5	Back Bridge	200'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard

* BASED ON PRELIMINARY STRUCTURAL DEPTH AND PROFILES, SUBJECT TO CHANGE.



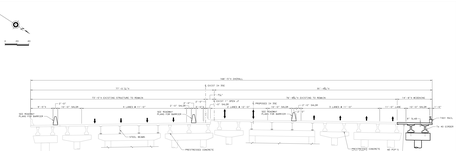
PLAN

ELM FORK BRIDGE



ELEVATION

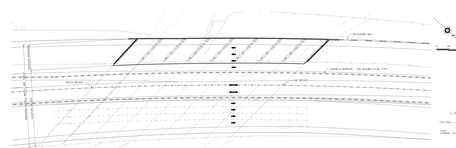
ELM FORK BRIDGE



PROPOSED TYPICAL SECTION - ELM FORK BRIDGE

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Status	Geometry		Clearance			Protection	Calculated Required Capacity (RF)	Proposed Bridge Type			
					Span Length	Rise	Proposed Min. Vert. Clear. Above Design Flood	Minimum Horizontal Clearance	Overhead Clearance (Bridges)			Superstructure Type	Foundation Type	Substructure Type	Substructure Aesthetics
69	SR 39 Elm Fork Bridge Widening	1	1	Existing	80'-06.76"	19.10'	N/A	N/A	N/A	N/A	N/A	Existing Bridge			
		1	1	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		2	1	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		2	2	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		3	2	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		3	3	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		4	3	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		4	4	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		5	4	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		5	5	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		6	5	Back Bridge	80'-06.76"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard

* BASED ON PRELIMINARY STRUCTURAL DEPTH AND PROFILES, SUBJECT TO CHANGE.

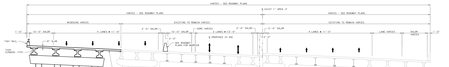


PLAN

OF TIMBER CREEK BRIDGE WIDENING

ELEVATION

OF TIMBER CREEK BRIDGE WIDENING



PROPOSED TYPICAL SECTION - TIMBER CREEK BRIDGE WIDENING

Bridge Number	Bridge Name	Abutment/ Bent No.	Span No.	Status	Geometry		Clearance			Protection	Calculated Required Capacity (RF)	Proposed Bridge Type			
					Span Length	Rise	Proposed Min. Vert. Clear. Above Design Flood	Minimum Horizontal Clearance	Overhead Clearance (Bridges)			Superstructure Type	Foundation Type	Substructure Type	Substructure Aesthetics
73	SR 39 Timber Creek Bridge Widening	1	1	Existing	100'-00.00"	19.10'	N/A	N/A	N/A	N/A	N/A	Existing Bridge			
		1	1	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		2	1	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		2	2	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		3	2	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		3	3	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		4	3	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		4	4	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		5	4	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		5	5	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard
		6	5	Back Bridge	100'-00.00"	19.10'	16'-0"	N/A	N/A	N/A	N/A	Prestressed Concrete Beam	Spread Footing	Open Column	Standard

* BASED ON PRELIMINARY STRUCTURAL DEPTH AND PROFILES, SUBJECT TO CHANGE.

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May 2015

PRELIMINARY

SUBJECT TO REVISIONS

ENGINEER/PE Number 94	COUNTY
Date:	ELEMENT
PROJECT ENGINEER	DIST#
DESIGNER	CONTROL SECT JOB
	PROJECT ID

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

PARSONS

TTEC

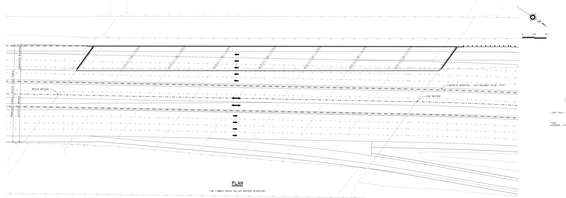
IH 35E WORK PACKAGE 4

BRIDGE CONCEPT PLANS

BRIDGE ROLL 5 OF 12

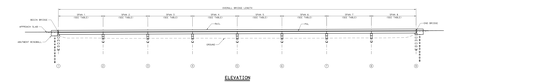
IH 35E MANAGED LANES

CONFIDENTIAL



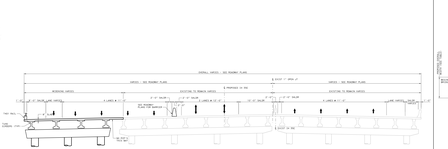
PLAN

(SEE TIMBER CREEK RELIEF BRIDGE WIDENING)



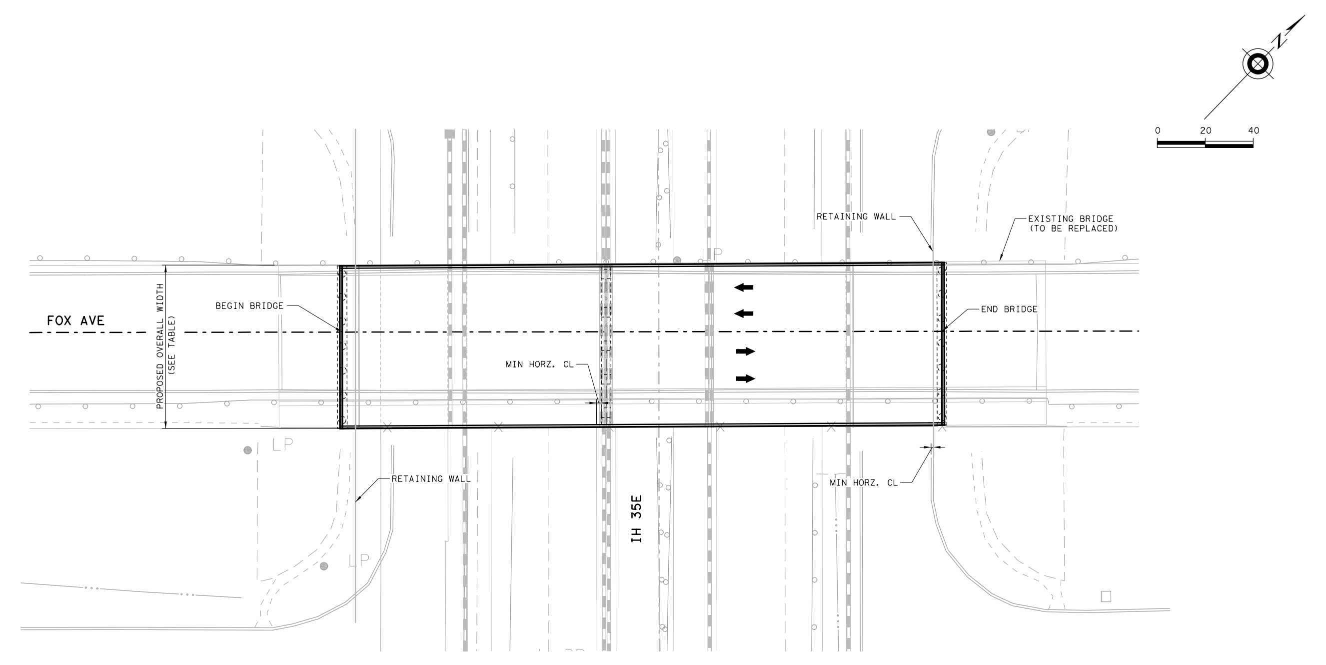
ELEVATION

(SEE TIMBER CREEK RELIEF BRIDGE WIDENING)

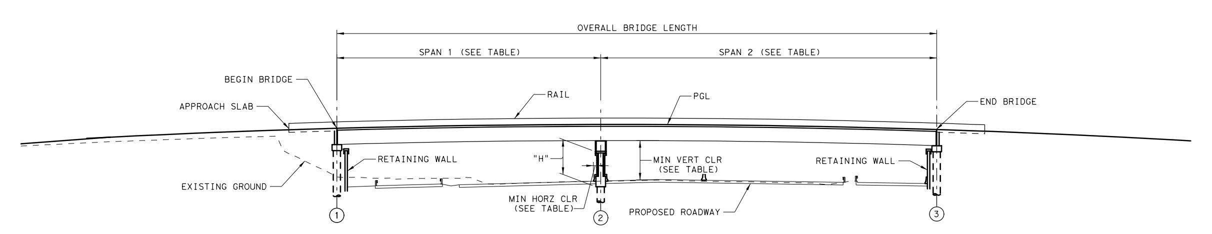


PROPOSED TYPICAL SECTION - TIMBER CREEK RELIEF BRIDGE

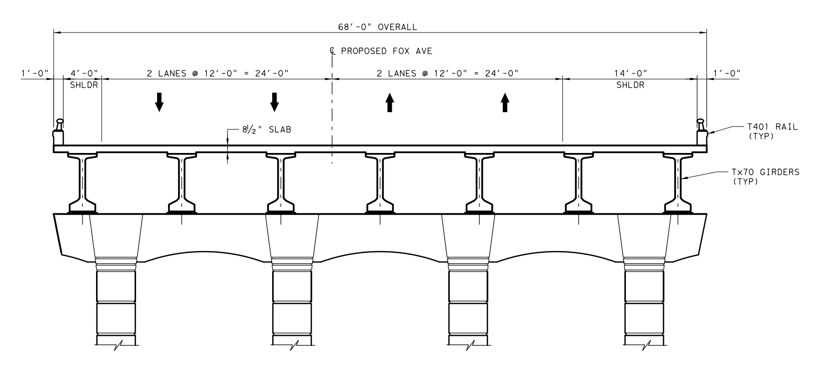
Bridge Number	Bridge Name	Structure Unit No.	Span No.	Geometry			Clearances		Proposed Bridge Type			
				Station	Span Length	Skew	Proposed Min. Vert. Clearance	Minimum Horizontal Clearance	Protection	Existing Vertical Clearance	Calculated Proposed Vertical Clearance	Superstructure Type
7N	4R SF Frontal Side Relief Bridge Widening	1	1	1000+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		2	2	1000+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		3	3	1001+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		4	4	1002+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		5	5	1002+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		6	6	1003+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		7	7	1004+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		8	8	1004+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		9	9	1005+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		10	10	1006+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		11	11	1007+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		12	12	1007+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		13	13	1008+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		14	14	1009+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		15	15	1009+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		16	16	1010+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		17	17	1011+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		18	18	1011+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		19	19	1012+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		20	20	1013+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		21	21	1014+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		22	22	1014+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		23	23	1015+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		24	24	1016+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		25	25	1016+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		26	26	1017+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		27	27	1018+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		28	28	1018+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		29	29	1019+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		30	30	1020+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		31	31	1021+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		32	32	1021+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		33	33	1022+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		34	34	1023+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		35	35	1023+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		36	36	1024+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		37	37	1025+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		38	38	1025+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		39	39	1026+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		40	40	1027+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		41	41	1028+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		42	42	1028+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		43	43	1029+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		44	44	1030+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		45	45	1030+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		46	46	1031+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		47	47	1032+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		48	48	1032+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		49	49	1033+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		50	50	1034+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		51	51	1035+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		52	52	1035+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		53	53	1036+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		54	54	1037+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		55	55	1037+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		56	56	1038+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		57	57	1039+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		58	58	1039+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		59	59	1040+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		60	60	1041+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		61	61	1042+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		62	62	1042+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		63	63	1043+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		64	64	1044+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		65	65	1044+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		66	66	1045+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		67	67	1046+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		68	68	1046+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		69	69	1047+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		70	70	1048+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		71	71	1049+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		72	72	1049+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		73	73	1050+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		74	74	1051+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		75	75	1051+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		76	76	1052+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		77	77	1053+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		78	78	1053+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		79	79	1054+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		80	80	1055+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		81	81	1056+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		82	82	1056+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		83	83	1057+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		84	84	1058+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		85	85	1058+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		86	86	1059+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		87	87	1060+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		88	88	1060+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		89	89	1061+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		90	90	1062+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		91	91	1063+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		92	92	1063+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		93	93	1064+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		94	94	1065+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		95	95	1065+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		96	96	1066+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		97	97	1067+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		98	98	1067+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		99	99	1068+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		100	100	1069+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		101	101	1070+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		102	102	1070+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		103	103	1071+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		104	104	1072+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		105	105	1072+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		106	106	1073+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		107	107	1074+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		108	108	1074+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		109	109	1075+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		110	110	1076+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		111	111	1077+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		112	112	1077+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		113	113	1078+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		114	114	1079+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		115	115	1079+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		116	116	1080+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		117	117	1081+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		118	118	1081+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		119	119	1082+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		120	120	1083+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		121	121	1084+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		122	122	1084+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		123	123	1085+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		124	124	1086+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		125	125	1086+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		126	126	1087+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		127	127	1088+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		128	128	1088+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		129	129	1089+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		130	130	1090+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		131	131	1091+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		132	132	1091+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		133	133	1092+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		134	134	1093+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		135	135	1093+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		136	136	1094+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		137	137	1095+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		138	138	1095+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		139	139	1096+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		140	140	1097+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		141	141	1098+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		142	142	1098+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		143	143	1099+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		144	144	1100+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		145	145	1100+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		146	146	1101+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		147	147	1102+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		148	148	1102+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		149	149	1103+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		150	150	1104+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		151	151	1105+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		152	152	1105+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		153	153	1106+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		154	154	1107+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		155	155	1107+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		156	156	1108+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		157	157	1109+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		158	158	1109+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		159	159	1110+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		160	160	1111+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		161	161	1112+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		162	162	1112+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		163	163	1113+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		164	164	1114+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		165	165	1114+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		166	166	1115+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		167	167	1116+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		168	168	1116+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		169	169	1117+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		170	170	1118+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		171	171	1119+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		172	172	1119+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		173	173	1120+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		174	174	1121+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		175	175	1121+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		176	176	1122+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		177	177	1123+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		178	178	1123+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		179	179	1124+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		180	180	1125+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		181	181	1126+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		182	182	1126+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		183	183	1127+40.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		184	184	1128+10.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		185	185	1128+80.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		186	186	1129+50.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		187	187	1130+20.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		188	188	1130+90.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		189	189	1131+60.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		190	190	1132+30.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		191	191	1133+00.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		192	192	1133+70.00	70.00'	90.0° Abut.	14.5'	N.A.	N.A.	N.A.	N.A.	Prestressed Concrete Slab (Solid)
		193	193	1134+40.00	70.00'	90.0° Abut.	14.



TYPICAL PLAN



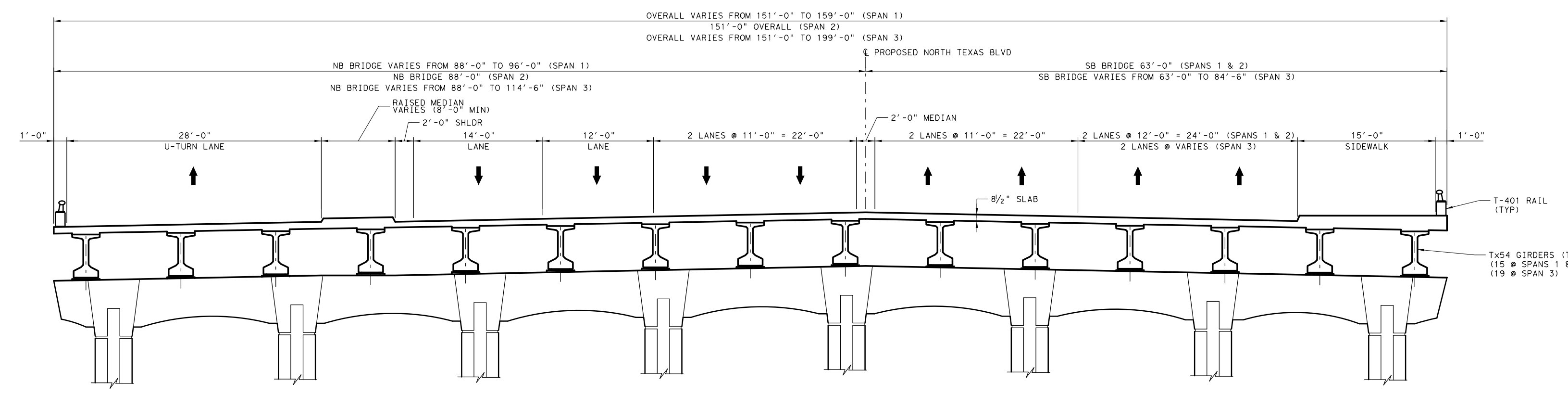
TYPICAL ELEVATION



PROPOSED TYPICAL SECTION - FOX AVE. UNDERPASS

Bridge Number	Bridge Description	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
79	Fox Ave Underpass	1		105+36.08		0.0 deg	68.00′	2.00′	Concrete Barrier				Abutment	Drilled Shafts	None
			1		110.00′					16.25′	16.50′	Prstrs Beam			
		2		106+46.08		0.0 deg	68.00′	2.00′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Baseline URBAN
			2		140.00′					16.25′	16.50′	Prstrs Beam			
		3		107+86.08		0.0 deg	68.00′	2.00′	Concrete Barrier				Abutment	Drilled Shafts	None

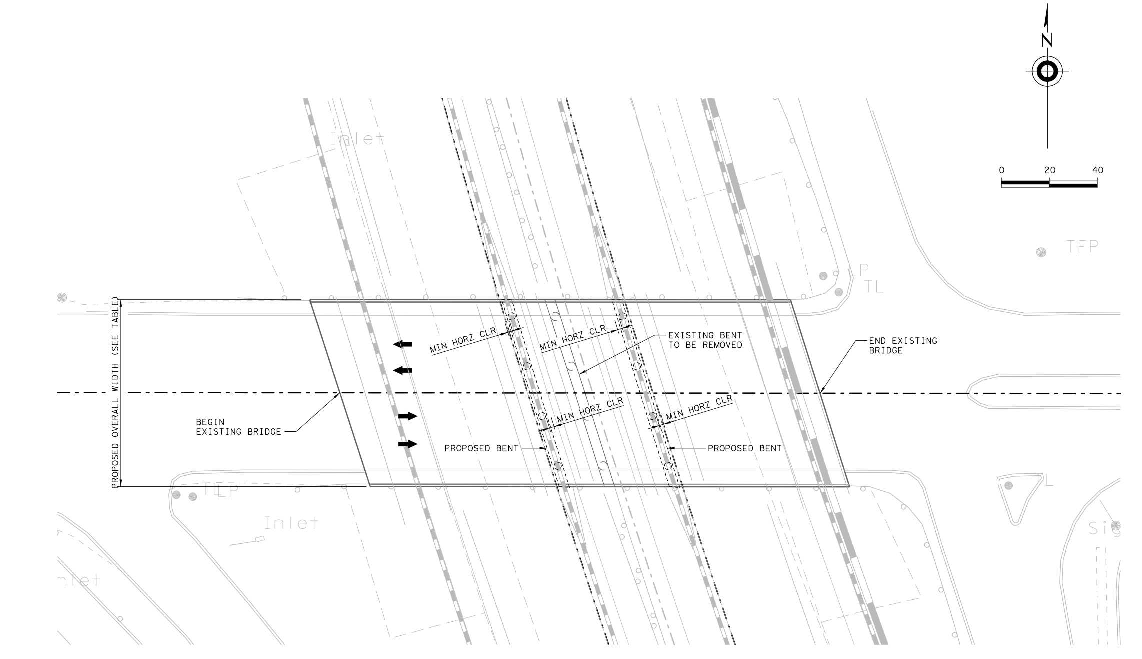
* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.



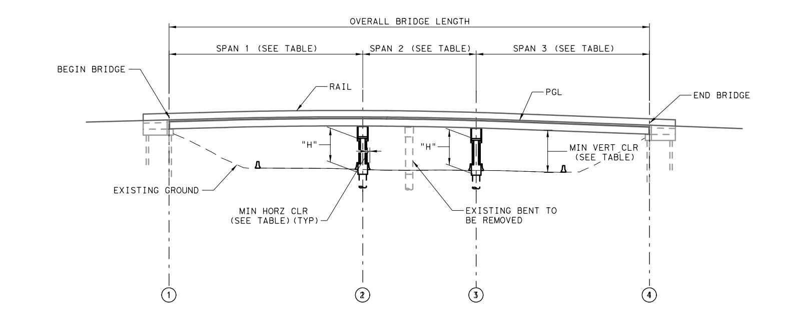
PROPOSED TYPICAL SECTION - N. TEXAS BLVD. UNDERPASS

Bridge Number	Bridge Description	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
125	N Texas Blvd (Ave D) Underpass	1		18+73.33		1.37 deg	159.00′	N.A.	--				Abutment	Drilled Shafts	None
			1		38.25′					--	--	Prstrs Beam			
		2		19+11.58		1.37 deg	151.00′	2.00′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Baseline / Accent
			2		112.00′					--	16.50′	Prstrs Beam			
		3		20+23.58		1.37 deg	151.00′	2.00′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Baseline / Accent
			3		38.25′					--	--	Prstrs Beam			
		4		20+61.83		1.37 deg	199.00′	N.A.	--				Abutment	Drilled Shafts	None

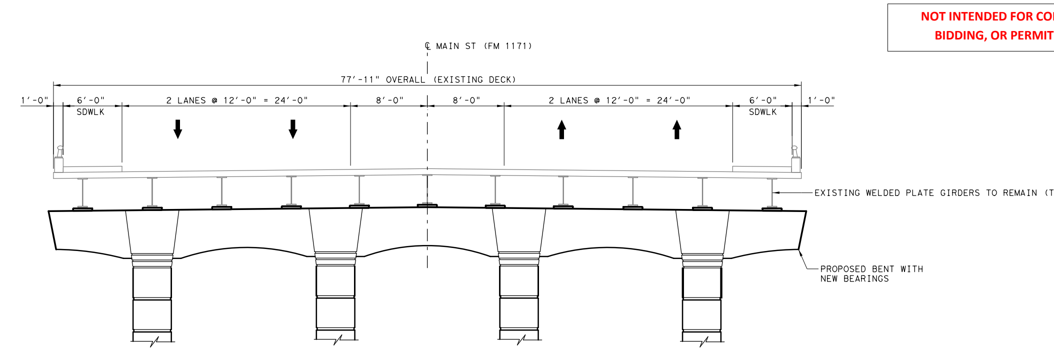
* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.



PLAN



ELEVATION



PROPOSED TYPICAL SECTION - FM 1171 UNDERPASS

Bridge Number	Bridge Description	Abutment/ Bent No.	Span No.	Geometry: Station	Geometry: Span Length	Geometry: Skew	Geometry: Proposed Deck Width at C.L. Bent	Clearances: Minimum Horizontal Clearance	Clearances: Protection	Clearances: Existing Vertical Clearance	Clearances: Calculated Proposed Vert Clearance*	Proposed Bridge Type: Superstructure Type	Proposed Bridge Type: Substructure Type	Proposed Bridge Type: Foundation Type	Proposed Bridge Type: Substructure Aesthetics
80 Existing	Main ST (FM 1171) Underpass	1				17.8 deg	77.92′	--	--				--	--	None
			1		100.04′					16.25′	--	Steel Girder			
		2				17.8 deg	77.92′	--	--				--	--	Enhanced URBAN
			2		100.04′					16.25′	--	Steel Girder			
		3				17.8 deg	77.92′	--	--				--	--	None
80	Main ST (FM 1171) Underpass	1				17.8 deg	77.92′	2.00′	Concrete Barrier				Abutment	--	None
			1		80.69′					16.25′	16.25′	--			
		2		+80.69		17.8 deg	77.92′	2.00′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Enhanced URBAN
			2		47.25′					16.25′	16.25′	--			
		3		1+27.94		17.8 deg	77.92′	2.00′	Concrete Barrier				Multi-Col Bent	Drilled Shafts	Enhanced URBAN
			3		72.17′					16.25′	16.25′	--			
		4		2+00.11		17.8 deg	77.92′	2.00′	Concrete Barrier				Abutment	--	None

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

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May 8, 2013
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

IH 35E WORK PACKAGE 4
BRIDGE CONCEPT PLANS
BRIDGE ROLL 7 OF 12

Texas Department of Transportation
IH 35E MANAGED LANES
CONFIDENTIAL

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May 2022

PRELIMINARY
SUBJECT TO REVISIONS

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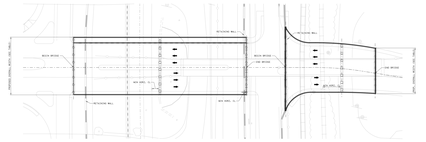
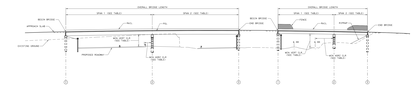
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES



TYPICAL PLAN

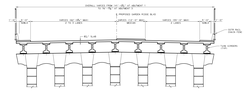
GARDEN RIDGE BLVD UNDERPASS AND GARDEN RIDGE BLVD DCTA OVERPASS



TYPICAL ELEVATION

GARDEN RIDGE BLVD UNDERPASS AND GARDEN RIDGE BLVD DCTA OVERPASS

PROPOSED TYPICAL SECTION – GARDEN RIDGE BLVD. UNDERPASS



PROPOSED TYPICAL SECTION – GARDEN RIDGE BLVD. DCTA OVERPASS

Bridge Number	Bridge Description	Maximum Skew No.	Span No.	Geometry				Clearance				Calculated Physical Clearance	Proposed Bridge Type		
				Station	Span Length	Skew	Proposed W (E.O. Rdwy)	Minimum Vertical Clearance	Protection	Existing Vertical Clearance	Calculated Physical Clearance	Superstructure Type	Foundation Type	Substructure Type
IH-2	Garden Ridge Blvd Underpass	0	1		47.00'		47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			2	1+47.00	94.00'	0.0° Rdwy	94.00'	16.50'	Rdwy Barrier		16.50'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			3	2+41.00	94.00'	0.0° Rdwy	94.00'	16.50'	Rdwy Barrier		16.50'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			4	3+35.00	47.00'	0.0° Rdwy	47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall

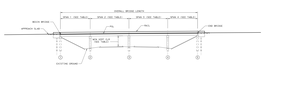
* BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.

Bridge Number	Bridge Description	Maximum Skew No.	Span No.	Geometry				Clearance				Calculated Physical Clearance	Proposed Bridge Type		
				Station	Span Length	Skew	Proposed W (E.O. Rdwy)	Minimum Vertical Clearance	Protection	Existing Vertical Clearance	Calculated Physical Clearance	Superstructure Type	Foundation Type	Substructure Type
IH-2	Garden Ridge Blvd DCTA Overpass (APR)	0	1		47.00'		47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			2	1+47.00	94.00'	0.0° Rdwy	94.00'	17.33'	Rdwy		17.33'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			3	2+41.00	94.00'	0.0° Rdwy	94.00'	17.33'	Rdwy		17.33'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			4	3+35.00	47.00'	0.0° Rdwy	47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall

* BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.

TYPICAL PLAN

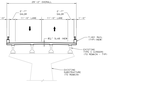
CORINTH PKWY UNDERPASS SHOWN - POST OAK RD SIMILAR



TYPICAL ELEVATION

CORINTH PKWY UNDERPASS SHOWN - POST OAK RD SIMILAR

PROPOSED TYPICAL SECTION – CORINTH PKWY UNDERPASS



PROPOSED TYPICAL SECTION – POST OAK ROAD UNDERPASS

Bridge Number	Bridge Description	Maximum Skew No.	Span No.	Geometry				Clearance				Calculated Physical Clearance	Proposed Bridge Type		
				Station	Span Length	Skew	Proposed W (E.O. Rdwy)	Minimum Vertical Clearance	Protection	Existing Vertical Clearance	Calculated Physical Clearance	Superstructure Type	Foundation Type	Substructure Type
FM 1830	Corinth Pkwy Underpass	0	1		47.00'		47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			2	1+47.00	94.00'	0.0° Rdwy	94.00'	16.50'	Rdwy Barrier		16.50'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			3	2+41.00	94.00'	0.0° Rdwy	94.00'	16.50'	Rdwy Barrier		16.50'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			4	3+35.00	47.00'	0.0° Rdwy	47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall

* BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.

Bridge Number	Bridge Description	Maximum Skew No.	Span No.	Geometry				Clearance				Calculated Physical Clearance	Proposed Bridge Type		
				Station	Span Length	Skew	Proposed W (E.O. Rdwy)	Minimum Vertical Clearance	Protection	Existing Vertical Clearance	Calculated Physical Clearance	Superstructure Type	Foundation Type	Substructure Type
FM 1830	Post Oak Rd Underpass	0	1		47.00'		47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			2	1+47.00	94.00'	0.0° Rdwy	94.00'	16.50'	Rdwy Barrier		16.50'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			3	2+41.00	94.00'	0.0° Rdwy	94.00'	16.50'	Rdwy Barrier		16.50'	Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall
			4	3+35.00	47.00'	0.0° Rdwy	47.00'					Prestressed Concrete Beam	Spread Footing	Reinforced Concrete Wall

* BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.

PARSONS

TXI

IH 35E WORK PACKAGE 4
BRIDGE CONCEPT PLANS
BRIDGE ROLL 8 OF 12

IH-35E MANAGED LANES

CONFIDENTIAL

PLAN

LAKE LEWISVILLE BRIDGE ELEVATION

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May 2013

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY:

THOMAS GANDOLFI	113668
NAME	P.E. NUMBER
PHILLIP HANLEY	91815
NAME	P.E. NUMBER
May 8, 2013	
DATE	

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

SHEET NO. 32 OF 35

INTERSTATE TEXAS 35E
IH 35E MANAGED LANES

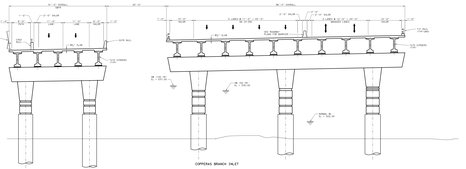
AGL CONSTRUCTORS
ARCHER WESTERN | GRANITE | LANE

PARSONS
HDR

IH 35E WORK PACKAGE 4
BRIDGE CONCEPT PLANS
BRIDGE ROLL 9 OF 12

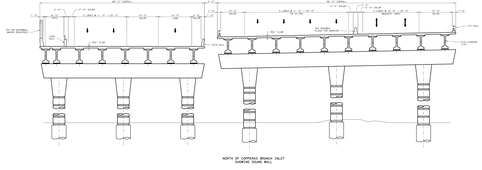
Texas Department of Transportation

IH 35E MANAGED LANES
CONFIDENTIAL

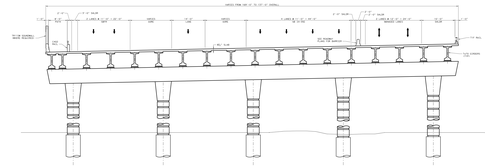


COPPERAS BRANCH INLET

NORTH OF COPPERAS BRANCH INLET

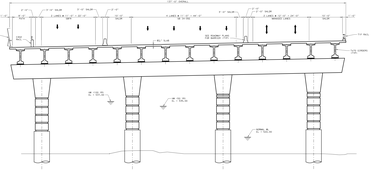


NORTH OF COPPERAS BRANCH INLET
SHARING SOUND WALL



NORTH OF BRIDGE 93

PROPOSED TYPICAL SECTION



IN LAKE LOWNDESVILLE

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May 2015

PRELIMINARY
SUBJECT TO REVISIONS

ENGINEERS MARKING #1

LEAD ENGINEER	CLARK
DATE	15 AUGUST
FIELD SHEET	CHECK
DATE	15 AUGUST

FIELD BOOK
PAGE NUMBER

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

Bridge Number	Bridge Description	Abutment/ Bent No.	Span No.	Geometry					Checkpoints				Prestress Type			
				Status	Span Length	Skew	Proposed W1 & W2 Width	Minimum Allowable Clearance	Protection	Existing Channel	Calculated Proposed Channel	Temporary Support Type	Prestress Type	Fabrication Tolerance	Fabrication Guidance
92	69/98 Lake Lowndesville Overpass Over N Hwy 184/81	A	1	0.00 ft (N)	---	---	---	---	---	---	---	---	Abutment	None	None	None
		1	1	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		2	2	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		3	3	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		4	4	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		5	5	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		6	6	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		7	7	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		8	8	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		9	9	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		10	10	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		11	11	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		12	12	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		13	13	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		14	14	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		15	15	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		16	16	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		17	17	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		18	18	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		19	19	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		20	20	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		21	21	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		22	22	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		23	23	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		24	24	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		25	25	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		26	26	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		27	27	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		28	28	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		B	29	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		C	---	0.00 ft (N)	---	---	---	---	---	---	---	---	Abutment	None	None	None

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.

Bridge Number	Bridge Description	Abutment/ Bent No.	Span No.	Geometry					Checkpoints				Prestress Type			
				Status	Span Length	Skew	Proposed W1 & W2 Width	Minimum Allowable Clearance	Protection	Existing Channel	Calculated Proposed Channel	Temporary Support Type	Prestress Type	Fabrication Tolerance	Fabrication Guidance
93	69/98 Lake Lowndesville Overpass	A	1	0.00 ft (N)	---	---	---	---	---	---	---	---	Abutment	None	None	None
		1	1	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		2	2	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		3	3	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		4	4	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		5	5	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		6	6	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		7	7	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		8	8	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		9	9	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		10	10	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		11	11	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		12	12	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		13	13	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		14	14	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		15	15	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		16	16	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		17	17	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		18	18	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		19	19	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		20	20	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		21	21	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		22	22	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		23	23	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		24	24	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		25	25	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		26	26	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		27	27	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		28	28	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		B	29	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		C	---	0.00 ft (N)	---	---	---	---	---	---	---	---	Abutment	None	None	None

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.

Bridge Number	Bridge Description	Abutment/ Bent No.	Span No.	Geometry					Checkpoints				Prestress Type			
				Status	Span Length	Skew	Proposed W1 & W2 Width	Minimum Allowable Clearance	Protection	Existing Channel	Calculated Proposed Channel	Temporary Support Type	Prestress Type	Fabrication Tolerance	Fabrication Guidance
94	69/98 Lake Lowndesville Overpass Over N Hwy 184/81	A	1	0.00 ft (N)	---	---	---	---	---	---	---	---	Abutment	None	None	None
		1	1	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		2	2	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		3	3	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		4	4	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		5	5	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		6	6	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		7	7	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		8	8	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		9	9	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		10	10	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		11	11	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		12	12	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		13	13	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		14	14	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		15	15	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		16	16	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		17	17	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		18	18	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		19	19	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		20	20	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		21	21	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		22	22	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		23	23	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		24	24	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		25	25	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		26	26	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		27	27	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		28	28	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		B	29	0.00 ft (N)	106.00 ft	0.0 deg	64.00 ft	N.A.	---	---	---	---	Prestress Beam	Bar-Cut-Cut-Bar	Bar-Cut-Cut-Bar	AASHTO BDM
		C	---	0.00 ft (N)	---	---	---	---	---	---	---	---	Abutment	None	None	None

* BASED ON PRELIMINARY STRUCTURAL DEPTHS AND PROFILES, SUBJECT TO CHANGE.

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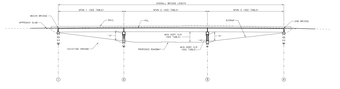
May 2015

PREPARED BY
SUBJECT TO REVISIONS

ENGINEER'S PROFESSIONAL SEAL
NAME: [redacted]
LICENSE NO. 113888
DATE: 5/1/2015
FIRM NAME: PARSONS TRANSPORTATION GROUP
FIRM LICENSE NO. F-3393

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

TYPICAL PLAN
NB COUNTRY LANE OVERPASS SHOWN - OTHER OVERPASSES SIMILAR



TYPICAL ELEVATION
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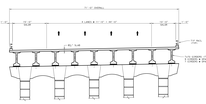
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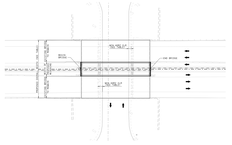
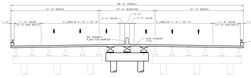


TYPICAL PLAN

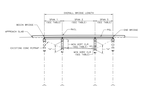
MAYHILL RD OVERPASS WIDENING SHOWN - OTHER BRIDGES TO MATCH SIMILAR



PROPOSED TYPICAL SECTION - MAYHILL RD OVERPASS WIDENING

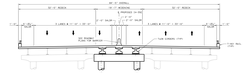
Bridge Number	Bridge Description	Maintained Route No.	Span No.	Geometry						Clearances			Calculated Fatigue Life (Years)	Superstructure Type	Financial Bridge Type		
				Position	Span Length	Skew	Proposed Out to Out Width	Minimum Horizontal Clearance	Minimum Vertical Clearance	Protection	Existing Posted Load	Proposed Posted Load			Substructure Type	Foundation Type	Substructure Protection
125	MAYHILL RD Overpass	1	1	Abut 1	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None
		2	2	Pier 1	45.0 ft										Pier/V Bent	Spread	None
		3	3	Pier 2/3	45.0 ft										Pier/V Bent	Spread	None
		4	4	Pier 3/4	45.0 ft										Pier/V Bent	Spread	None
		5	5	Abut 2	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None

1. BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.



TYPICAL ELEVATION

MAYHILL RD OVERPASS WIDENING SHOWN - OTHER BRIDGES TO MATCH SIMILAR



PROPOSED TYPICAL SECTION - BONNIE BRAE RD OVERPASS WIDENING

Bridge Number	Bridge Description	Maintained Route No.	Span No.	Geometry						Clearances			Calculated Fatigue Life (Years)	Superstructure Type	Financial Bridge Type		
				Position	Span Length	Skew	Proposed Out to Out Width	Minimum Horizontal Clearance	Minimum Vertical Clearance	Protection	Existing Posted Load	Proposed Posted Load			Substructure Type	Foundation Type	Substructure Protection
126	Goose Bros. Ltd. SCD Overpass	1	1	Abut 1	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None
		2	2	Pier 1	45.0 ft										Pier/V Bent	Spread	None
		3	3	Pier 2/3	45.0 ft										Pier/V Bent	Spread	None
		4	4	Pier 3/4	45.0 ft										Pier/V Bent	Spread	None
		5	5	Abut 2	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None

1. BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.

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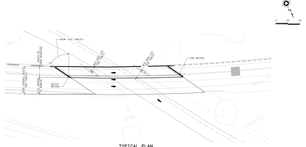
May 2013

PRELIMINARY
SUBJECT TO REVISIONS

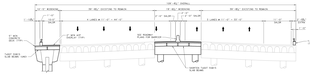
ENGINEER'S REGISTRATION NUMBER	
TERRENCE JOHNSON	12345
SIGNATURE	P.E. SEAL
DATE SIGNED	MAY 31, 2013
	PROFESSIONAL ENGINEER

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES



TYPICAL PLAN

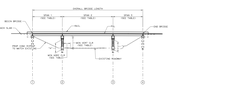
US 77 OVERPASS WIDENING SHOWN - OTHER BRIDGES TO MATCH SIMILAR



PROPOSED TYPICAL SECTION - LOOP 288 OVERPASS WIDENING

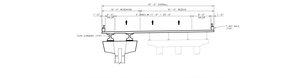
Bridge Number	Bridge Description	Maintained Route No.	Span No.	Geometry						Clearances			Calculated Fatigue Life (Years)	Superstructure Type	Financial Bridge Type		
				Position	Span Length	Skew	Proposed Out to Out Width	Minimum Horizontal Clearance	Minimum Vertical Clearance	Protection	Existing Posted Load	Proposed Posted Load			Substructure Type	Foundation Type	Substructure Protection
113	Low 288 Overpass	1	1	Abut 1	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None
		2	2	Pier 1	45.0 ft										Pier/V Bent	Spread	None
		3	3	Pier 2/3	45.0 ft										Pier/V Bent	Spread	None
		4	4	Pier 3/4	45.0 ft										Pier/V Bent	Spread	None
		5	5	Abut 2	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None

1. BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.



TYPICAL ELEVATION

US 77 OVERPASS WIDENING SHOWN - OTHER BRIDGES TO MATCH SIMILAR



PROPOSED TYPICAL SECTION - US 77 OVERPASS WIDENING

Bridge Number	Bridge Description	Maintained Route No.	Span No.	Geometry						Clearances			Calculated Fatigue Life (Years)	Superstructure Type	Financial Bridge Type		
				Position	Span Length	Skew	Proposed Out to Out Width	Minimum Horizontal Clearance	Minimum Vertical Clearance	Protection	Existing Posted Load	Proposed Posted Load			Substructure Type	Foundation Type	Substructure Protection
115	US 77 Overpass	1	1	Abut 1	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None
		2	2	Pier 1	45.0 ft										Pier/V Bent	Spread	None
		3	3	Pier 2/3	45.0 ft										Pier/V Bent	Spread	None
		4	4	Pier 3/4	45.0 ft										Pier/V Bent	Spread	None
		5	5	Abut 2	0.0 ft	0.0 deg	44.0'	N/A	N/A	N/A					Abutment	Spread	None

1. BASED ON PRELIMINARY STRUCTURAL SIZING AND PROFILES, SUBJECT TO CHANGE.

IH 35E WORK PACKAGE 4
BRIDGE CONCEPT PLANS
BRIDGE ROLL 12 OF 12

IH-35E MANAGED LANES
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