



**Highway Factors Attachment – Excerpts of as-built construction plans of I-35W in the vicinity of the crash**

**Fort Worth, TX**

**HWY21FH005**

(19 pages)

IFC/REV	DATE	BY	DESCRIPTION
0	0		
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
3	2	06/30/2014	JBP IFC NDC S-006
5	3	09/08/2014	JBP IFC NDC S-010
13	4	04/21/2015	JBP IFC NDC S-044
26	5	02/17/2016	CJS IFC NDC DCR S-0314

**LEGEND**

(IH35W-1 R= 5,800.00') HORIZONTAL ALIGNMENT CURVE NUMBER AND RADIUS

SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR COMPLETE ALIGNMENT DESCRIPTIONS AND CURVE RADIUS VALUES.

**CROSS SLOPE INFORMATION:**

UNLESS OTHERWISE SHOWN, TYPICAL CROSS SLOPES SHALL BE AS FOLLOWS:

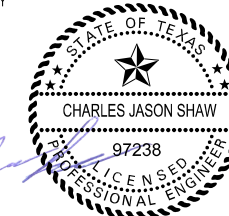
- GENERAL LANES = 2.5%
- MANAGED LANES = 2.5%
- FRONTAGE ROADS = 2.0%
- RAMP = 2.0%
- DIRECT CONNECTORS = 2.0%

ROADWAY DETAILED AND PAID FOR THIS SHEET

NON-CLOUDED AREAS WILL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD, FOR THE RESPECTIVE CHANGES SHOWN IN PREVIOUS REVISIONS OF THIS SHEET.

- \* CROSS SLOPE REFER TO GP35S
- \*\* CROSS SLOPE REFER TO IH35W

FOR REV 5 ONLY



02/17/2016

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OTHON CONSULTING ENGINEERS F-1471 HOUSTON - AUSTIN - DALLAS

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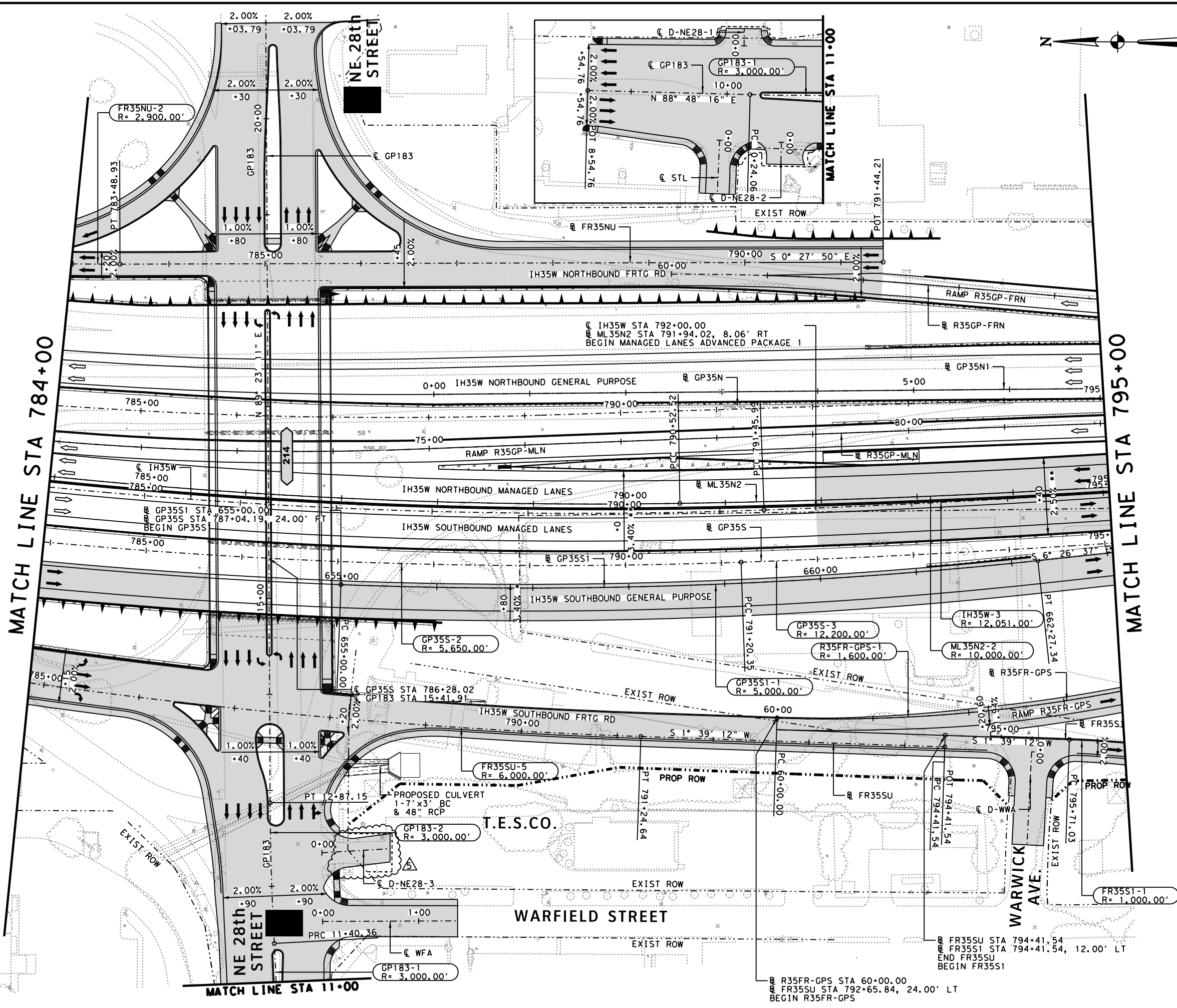
NORTH TARRANT EXPRESS - SEGMENT 3AS

Advanced Package 01

HORIZONTAL ALIGNMENT, SUPERELEVATION AND CROSS SLOPE LAYOUT STA 784+00 TO STA 795+00

SCALE: 1" = 100' SHEET 5 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-53
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W



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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
1	02/13/2014	JBP	IFC NDC S-002
3	06/30/2014	JBP	IFC NDC S-006
13	04/21/2015	JBP	IFC NDC S-044



**LEGEND**

IH35W-1  
R= 5,800.00' HORIZONTAL ALIGNMENT  
CURVE NUMBER AND RADIUS

SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR COMPLETE ALIGNMENT DESCRIPTIONS AND CURVE RADIUS VALUES.

**CROSS SLOPE INFORMATION:**

UNLESS OTHERWISE SHOWN, TYPICAL CROSS SLOPES SHALL BE AS FOLLOWS:

- MANAGED LANES = 2.5%
- GENERAL PURPOSE MAINLANES = 2.5%
- FRONTAGE ROADS = 2.0%
- RAMPS = 2.0%
- DIRECT CONNECTORS = 2.0%

ROADWAY DETAILED AND PAID FOR THIS SHEET

MODIFICATION GEOMETRY AP01 & RP01 ACCORDING TO NTI RFI 073 "HORIZONTAL ALIGNMENT AT OAKHURST"

- \* CROSS SLOPE REFER TO GP35S
- \*\* CROSS SLOPE REFER TO IH35W

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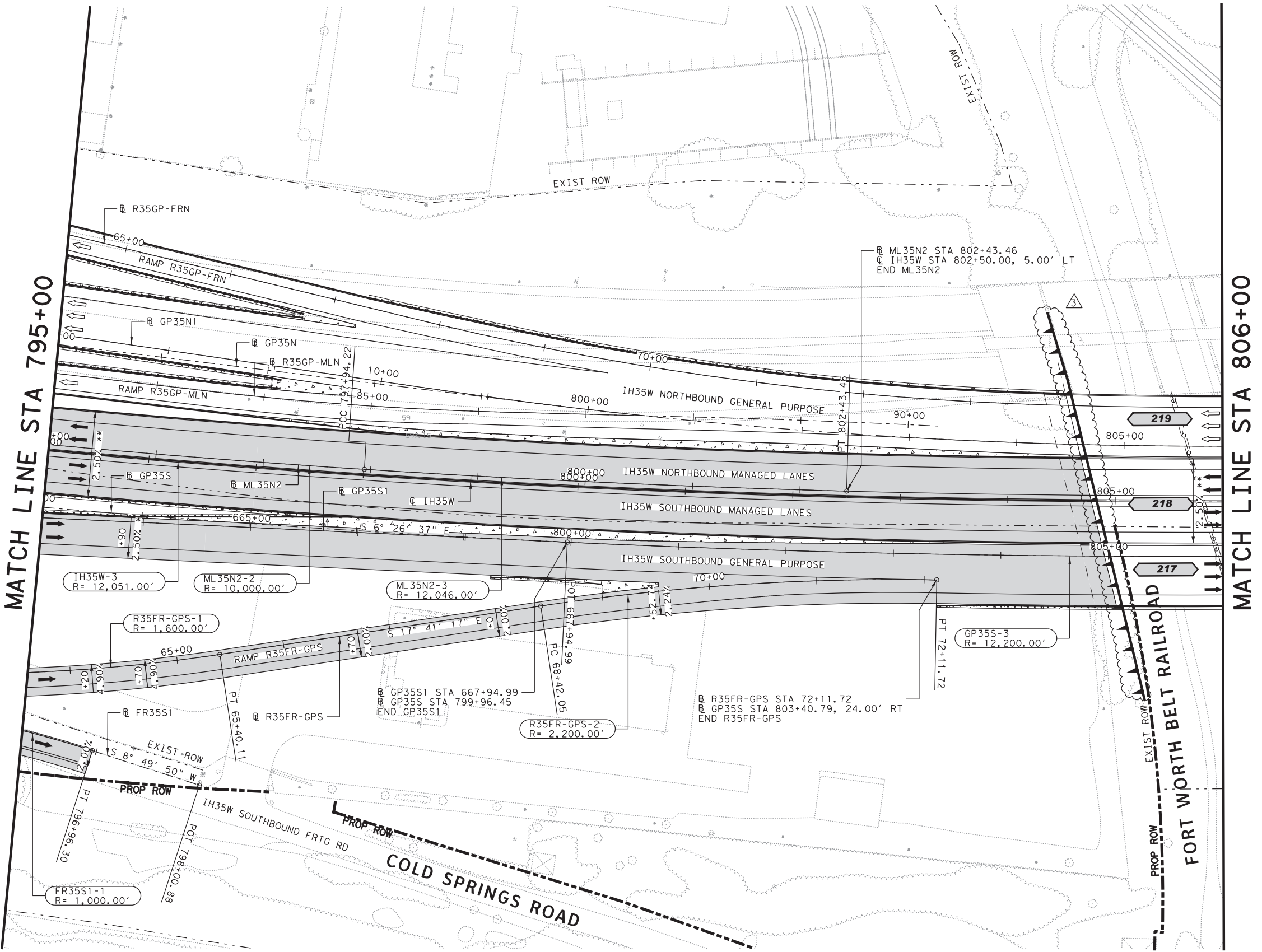
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F-12788

**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01

HORIZONTAL ALIGNMENT,  
SUPERELEVATION AND  
CROSS SLOPE LAYOUT  
STA 795+00 TO STA 806+00

SCALE: 1" = 100' SHEET 6 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-54
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W



MATCH LINE STA 795+00

MATCH LINE STA 806+00

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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
3	06/30/2014	JBP	IFC NDC S-006



**LEGEND**

IH35W-1  
R= 5,800.00' HORIZONTAL ALIGNMENT  
CURVE NUMBER AND RADIUS

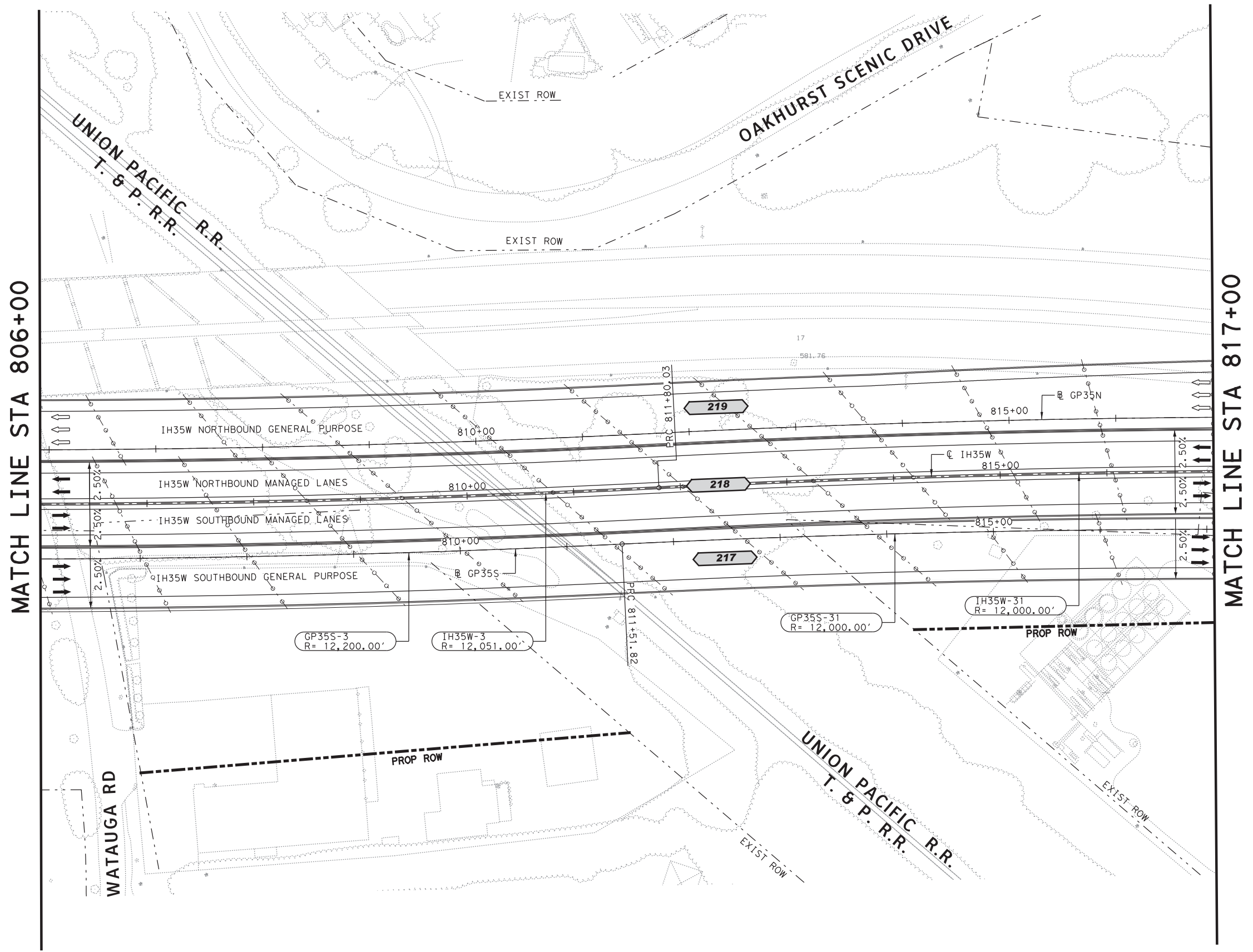
SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR COMPLETE ALIGNMENT DESCRIPTIONS AND CURVE RADIUS VALUES.

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- FRONTAGE ROADS = 2.0%
- RAMPS = 2.0%
- DIRECT CONNECTORS = 2.0%

ROADWAY DETAILED AND PAID FOR THIS SHEET



MODIFICATION GEOMETRY APO1 & APO2 ACCORDING TO NTI RFI 073 "HORIZONTAL ALIGNMENT AT OAKHURST"

06/30/2014

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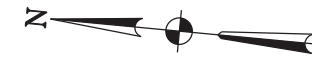
**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01  
**HORIZONTAL ALIGNMENT,  
SUPERELEVATION AND  
CROSS SLOPE LAYOUT**  
STA 806+00 TO STA 817+00

SCALE: 1" = 100' SHEET 7 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-55
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
1	02/13/2014	JBP	IFC NDC S-002
3	06/30/2014	JBP	IFC NDC S-006



**LEGEND**

IH35W-1  
R= 5,800.00' HORIZONTAL ALIGNMENT  
CURVE NUMBER AND RADIUS

SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR COMPLETE ALIGNMENT DESCRIPTIONS AND CURVE RADIUS VALUES.

**CROSS SLOPE INFORMATION:**

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- GENERAL PURPOSE MAINLANES = 2.5%
- FRONTAGE ROADS = 2.0%
- RAMPS = 2.0%
- DIRECT CONNECTORS = 2.0%

ROADWAY DETAILED AND PAID FOR THIS SHEET

MODIFICATION GEOMETRY AP01 & RP01 ACCORDING TO NTI RFI 073 "HORIZONTAL ALIGNMENT AT OAKHURST"

06/30/2014

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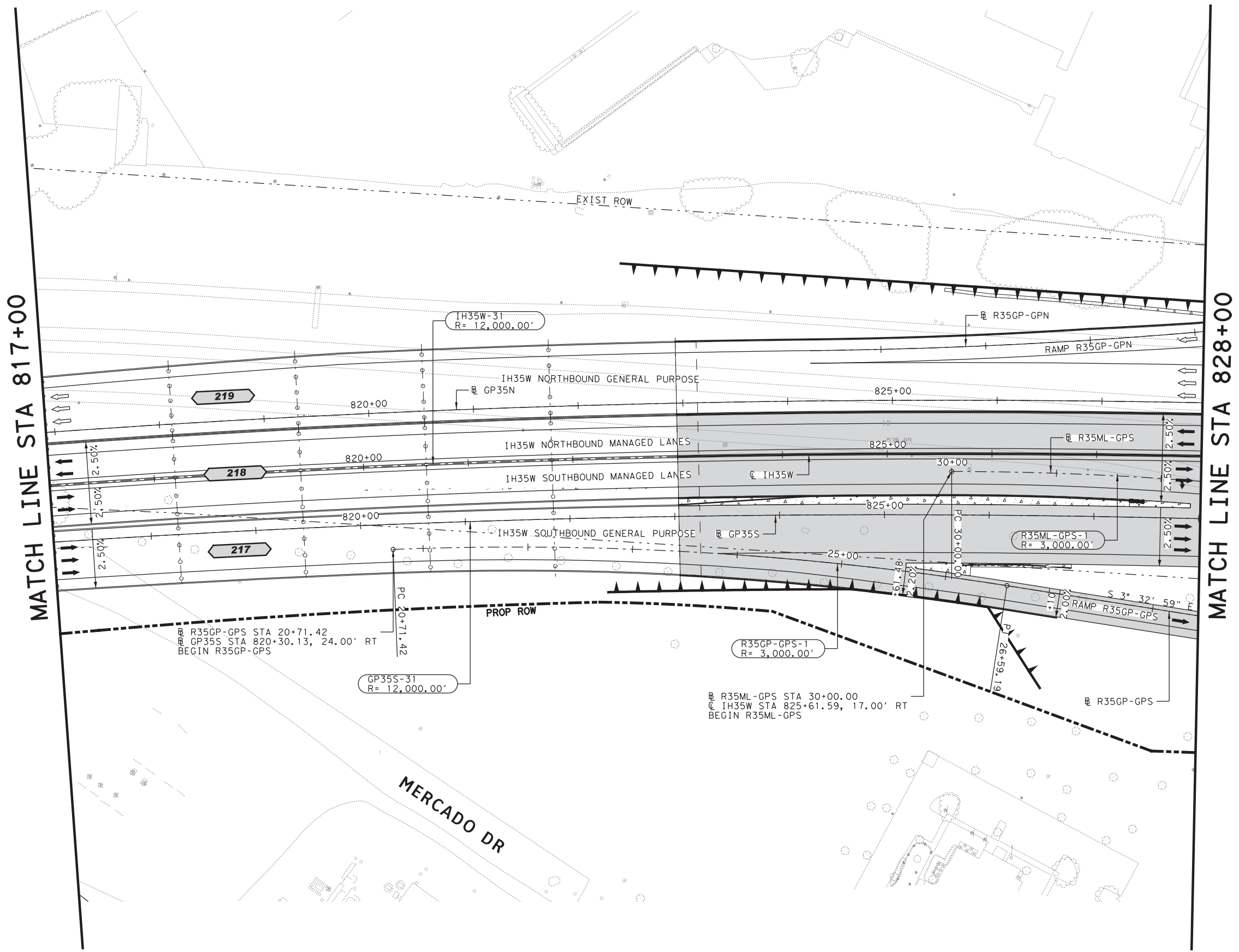
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**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01

**HORIZONTAL ALIGNMENT, SUPERELEVATION AND CROSS SLOPE LAYOUT**  
STA 817+00 TO STA 828+00

SCALE: 1" = 100' SHEET 8 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-56
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W



MATCH LINE STA 817+00

MATCH LINE STA 828+00

MERCADO DR

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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
1	02/13/2014	JBP	IFC NDC S-002
2	06/30/2014	JBP	IFC NDC S-006
41	01/23/2017	FMS	IFC NDC DCR-S-0757

**LEGEND**

IH35W-1  
R= 5,800.00' HORIZONTAL ALIGNMENT  
CURVE NUMBER AND RADIUS

SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR COMPLETE ALIGNMENT DESCRIPTIONS AND CURVE RADIUS VALUES.

**CROSS SLOPE INFORMATION:**

UNLESS OTHERWISE SHOWN, TYPICAL CROSS SLOPES SHALL BE AS FOLLOWS:

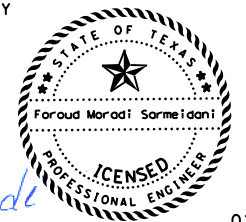
- MANAGED LANES = 2.5%
- GENERAL PURPOSE MAINLANES = 2.5%
- FRONTAGE ROADS = 2.0%
- RAMPS = 2.0%
- DIRECT CONNECTORS = 2.0%

ROADWAY DETAILED AND PAID FOR THIS SHEET

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MODIFICATION GEOMETRY AP01 & RP01 ACCORDING TO NTI RFI 073 "HORIZONTAL ALIGNMENT AT OAKHURST"

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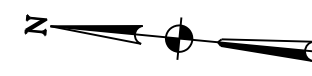
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**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01

**HORIZONTAL ALIGNMENT, SUPERELEVATION AND CROSS SLOPE LAYOUT**  
STA 828+00 TO STA 839+00

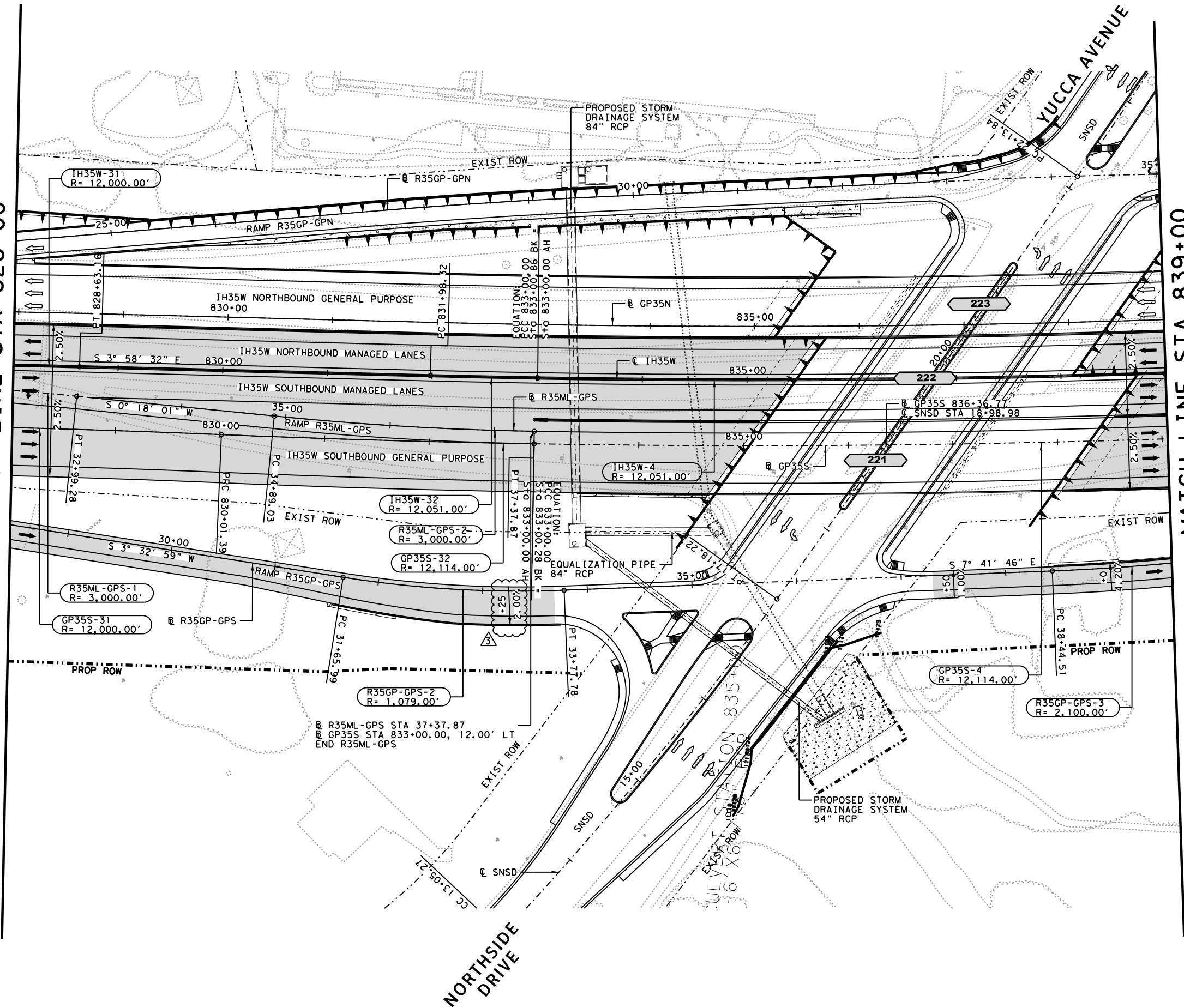
SCALE: 1" = 100' SHEET 9 OF 11

FED. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-57
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W



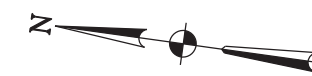
MATCH LINE STA 828+00

MATCH LINE STA 839+00



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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
1	02/13/2014	JBP	IFC NDC S-002
2	06/30/2014	JBP	IFC NDC S-006
13	04/21/2015	JBP	IFC NDC S-044



**LEGEND**

IH35W-1  
R= 5,800.00' HORIZONTAL ALIGNMENT  
CURVE NUMBER AND RADIUS

SEE HORIZONTAL ALIGNMENT DATA SHEETS FOR COMPLETE ALIGNMENT DESCRIPTIONS AND CURVE RADIUS VALUES.

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- GENERAL PURPOSE MAINLANES = 2.5%
- FRONTAGE ROADS = 2.0%
- RAMPS = 2.0%
- DIRECT CONNECTORS = 2.0%

ROADWAY DETAILED AND PAID FOR THIS SHEET

MODIFICATION GEOMETRY AP01 & RP01 ACCORDING TO NTI RFI 073 "HORIZONTAL ALIGNMENT AT OAKHURST"

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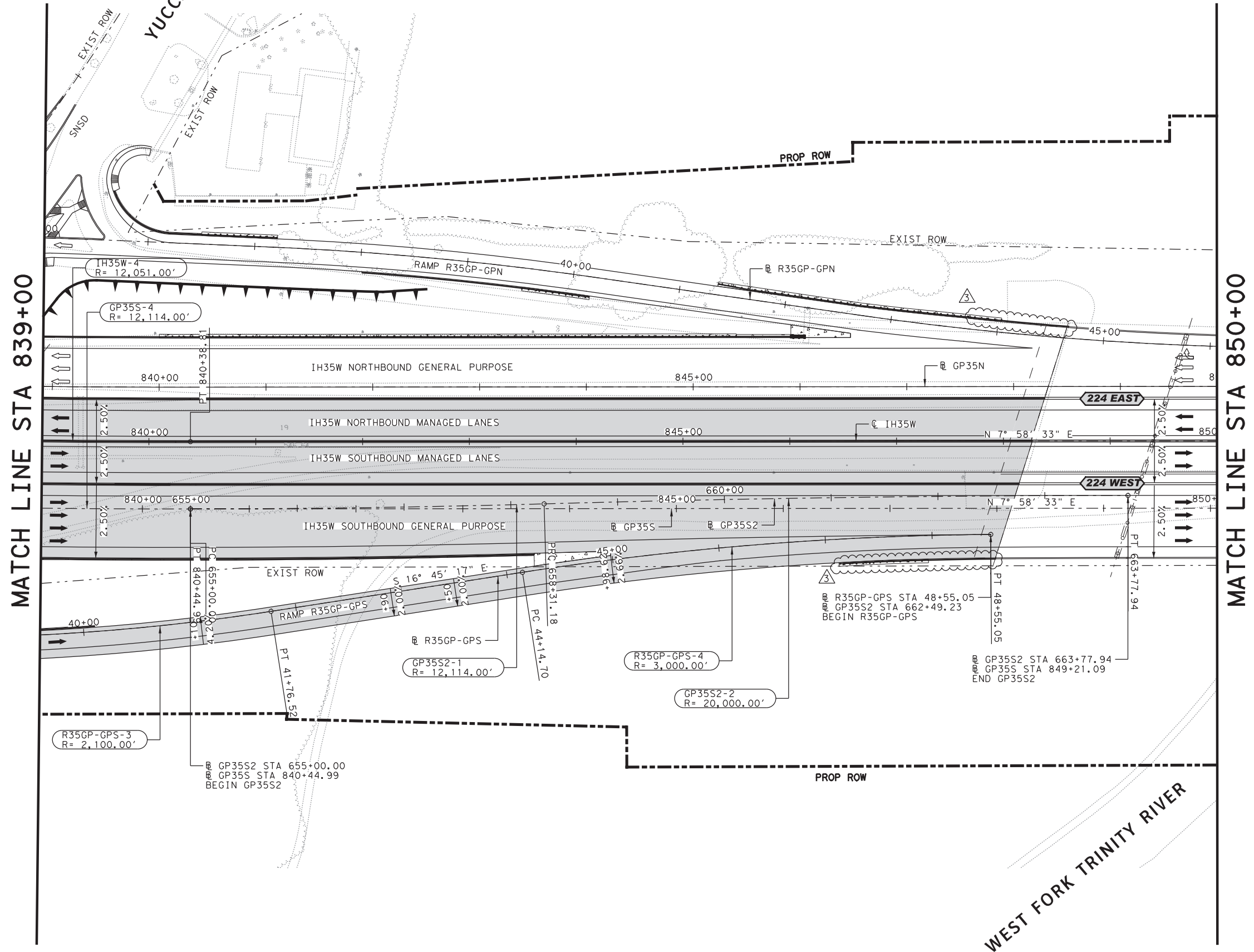
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**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01

**HORIZONTAL ALIGNMENT,  
SUPERELEVATION AND  
CROSS SLOPE LAYOUT  
STA 839+00 TO STA 850+00**

SCALE: 1" = 100' SHEET 10 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-58
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W



MATCH LINE STA 839+00

MATCH LINE STA 850+00

WEST FORK TRINITY RIVER

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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
3	06/30/2014	JBP	IFC NDC S-006
10	01/26/2015	JBP	IFC NDC S-028
13	04/21/2015	JBP	IFC NDC S-044



**LEGEND**

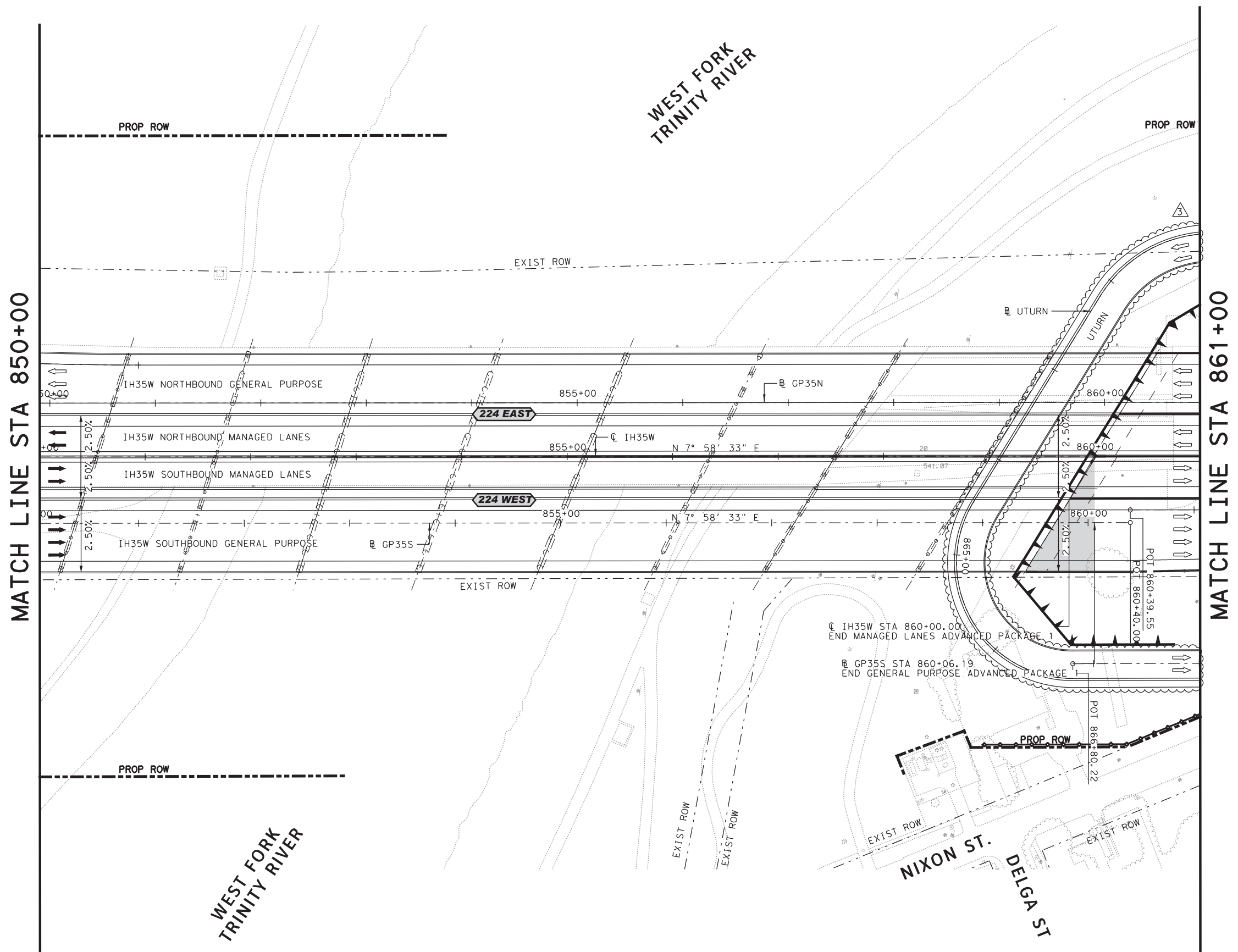
IH35W-1  
R= 5,800.00' HORIZONTAL ALIGNMENT  
CURVE NUMBER AND RADIUS

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 GENERAL PURPOSE MAINLANES = 2.5%  
 FRONTAGE ROADS = 2.0%  
 RAMPS = 2.0%  
 DIRECT CONNECTORS = 2.0%

ROADWAY DETAILED AND PAID FOR THIS SHEET



04/21/2015

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**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01

**HORIZONTAL ALIGNMENT, SUPERELEVATION AND CROSS SLOPE LAYOUT**  
STA 850+00 TO STA 861+00

SCALE: 1" = 100' SHEET 11 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-59
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
3	06/30/2014	JBP	IFC NDC S-006
5	09/08/2014	JBP	IFC NDC S-010
13	04/21/2015	JBP	IFC NDC S-044
44	04/21/2017	CJS	IFC NDC DCR-S-0740

**LEGEND**

- |  |                            |
|--|----------------------------|
| (A) MBGF                                 | (L) SIDEWALK (4") (CONC)   |
| (B) RIPRAP (4")                          | (M) RET WALL               |
| (C) RIPRAP (5")                          | (N) LANDSCAPE              |
| (D) CABLE BARRIER                        | (O) PAVERS                 |
| (E) TRF RL-SSCB (42")                    | (P) DRILL SEED             |
| (F) TRF RL-SSTR (36")                    | (R) PED RAMP               |
| (G) CURB & GUTTER                        | (S) DRIVEWAY               |
| (H) TRF RL-FDN-(RW-BTR)                  | (T) PED RAIL (PR1)         |
| (I) TRF RL-FDN-(TRF)                     | (X) TYP SECT               |
| (J) TRF RL-C411                          | → TRAF FLOW                |
| (K) NOISE BARRIER                        | ⇨ OTHER PACKAGE TRAF FLOW  |
| ROADWAY DETAILED AND PAID FOR THIS SHEET | ▬ CRASH CUSHION ATTENUATOR |
| OVERLAY                                  | --- TEMP CONST ESMT        |

- NOTES:**
- REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR BASELINE AND CURVE DATA
  - ALL DIMENSIONS ARE RELATIVE TO THE FACE OF CURB, NOMINAL FACE OF RAIL OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED
  - REFER TO TXDOT STANDARDS DRAWING SSCB(3)-10 FOR TREATMENT AT COLUMNS
  - THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON SUBSURFACE UTILITY ENGINEERING DATA AND IS SUBJECT TO CHANGE. REFER TO PROPOSED UTILITY LAYOUTS FOR RELOCATED UTILITY LOCATIONS
  - REFER TO FRONTAGE ROAD, RAMP, CROSS STREET AND SIDE STREET PLAN SHEETS FOR ADDITIONAL INFORMATION
  - REFER TO RETAINING WALL LAYOUTS FOR ADDITIONAL INFORMATION
  - REFER TO SIGN LAYOUTS FOR LIMITS OF MBGF AT OSB AND COSS LOCATIONS

REV. 5 ONLY



04/21/2017

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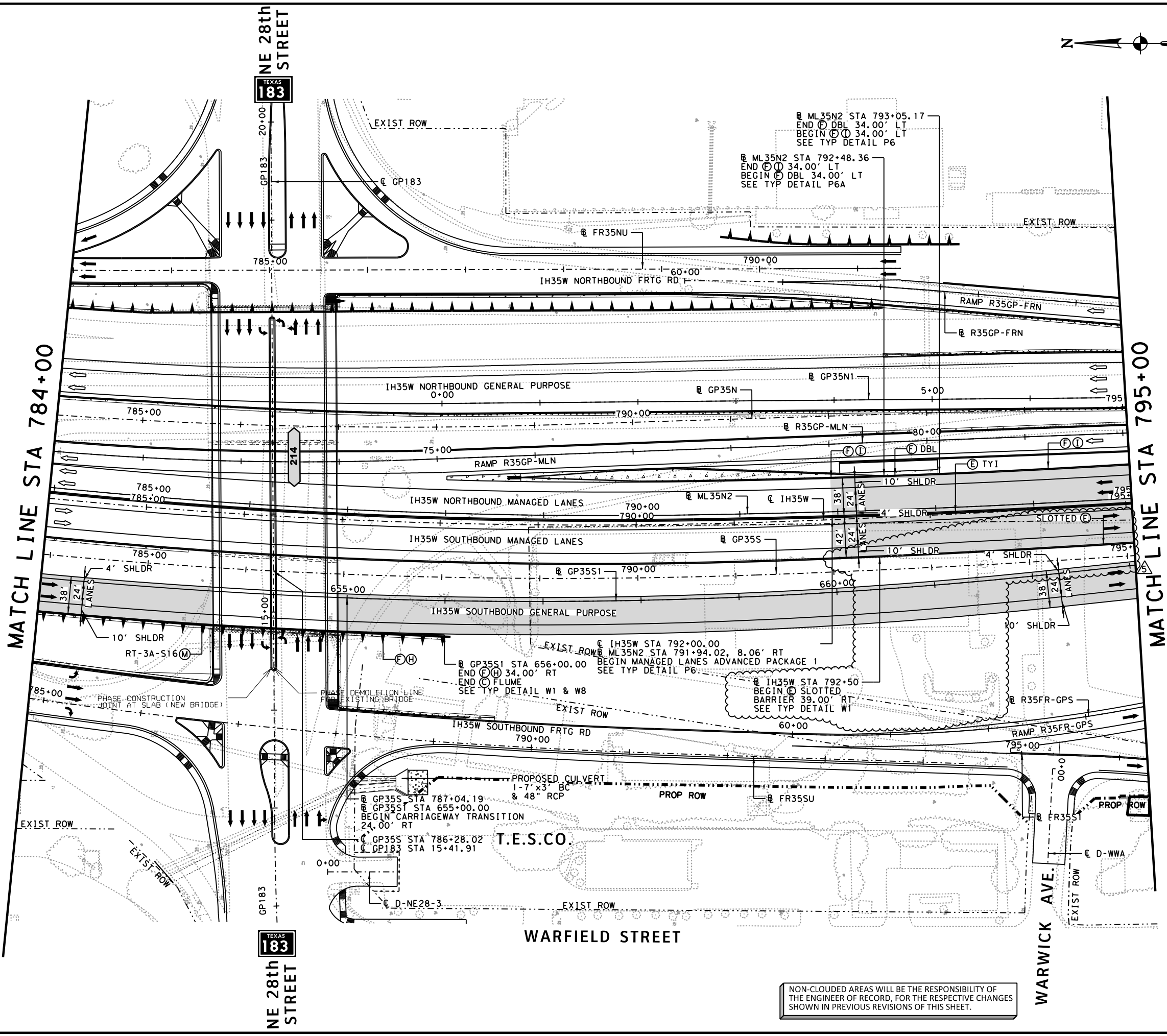
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**Louis Berger DCE**  
F-12788

**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01  
**ROADWAY PLAN  
MANAGED LANES &  
SOUTHBOUND GENERAL PURPOSE**  
STA 784+00 TO STA 795+00

SCALE: 1" = 100'		SHEET 5 OF 11	
FED. RD. DIV. NO. 6	FEDERAL AID PROJECT NO. IM 0355 (152)	SHEET NO. RDW-64	
STATE TEXAS	DISTRICT FT. WORTH	COUNTY TARRANT	
CONT 0014	SECT 16	JOB 179	HIGHWAY NO. IH35W

NON-CLOUDED AREAS WILL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD, FOR THE RESPECTIVE CHANGES SHOWN IN PREVIOUS REVISIONS OF THIS SHEET.



MATCH LINE STA 784+00

MATCH LINE STA 795+00

NE 28th STREET  
TEXAS 183

NE 28th STREET  
TEXAS 183

WARFIELD STREET

WARWICK AVE.

T.E.S.CO.

C:\440 4/26/2017 1:04:45 PM R:\GROUP05\IN HOUSE\Segment South\Des\Ign Change Request\3AS-0740 AP01.DWG RDW\CADD\04 RDW\NTE3AS\_AP01\_ROW\_PL.GP005.dgn

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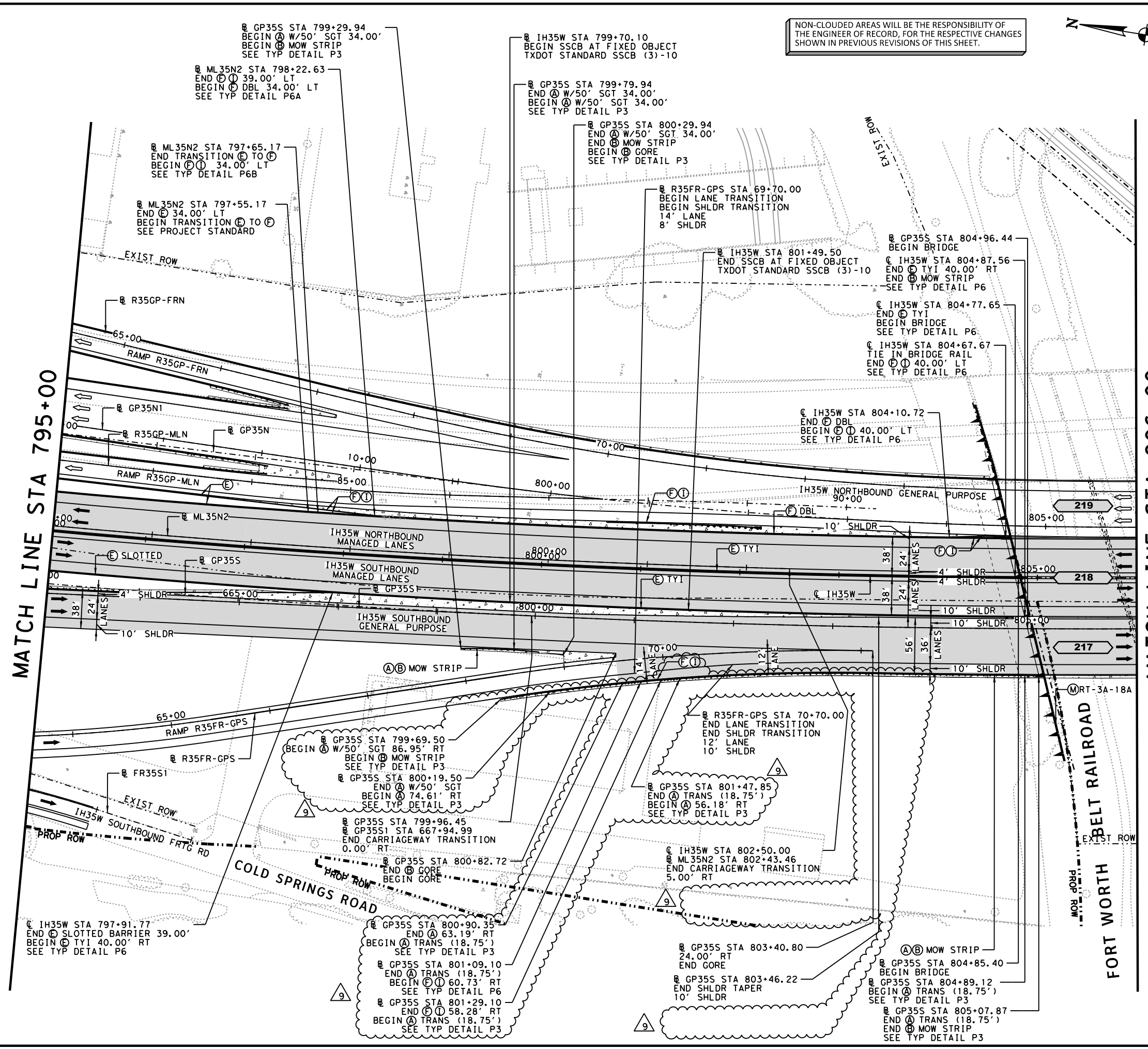
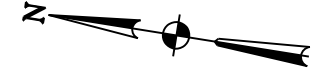
IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S-IFC SUBMITTAL
44	04/21/2017	CJS	IFC NDC DCR-S-0740
50	10/24/2017	TN	IFC NDC DCR-S-1144
51	11/06/2017	TN	IFC NDC DCR-S-1141
58	04/27/2018	TN	IFC NDC DCR-S-1339

**LEGEND**

- |  |                            |
|--|----------------------------|
| (A) MBGF                                 | (L) SIDEWALK (4") (CONC)   |
| (B) RIPRAP (4")                          | (M) RET WALL               |
| (C) RIPRAP (5")                          | (N) LANDSCAPE              |
| (D) CABLE BARRIER                        | (O) PAVERS                 |
| (E) TRF RL-SSCB (42")                    | (P) DRILL SEED             |
| (F) TRF RL-SSTR (36")                    | (R) PED RAMP               |
| (G) CURB & GUTTER                        | (S) DRIVEWAY               |
| (H) TRF RL-FDN-(RW-BTR)                  | (T) PED RAIL (PR1)         |
| (I) TRF RL-FDN-(TRF)                     | (X) TYP SECT               |
| (J) TRF RL-C411                          | → TRAF FLOW                |
| (K) NOISE BARRIER                        | ⇨ OTHER PACKAGE TRAF FLOW  |
| ROADWAY DETAILED AND PAID FOR THIS SHEET | — CRASH CUSHION ATTENUATOR |
| OVERLAY                                  | --- TEMP CONST ESMT        |

- NOTES:**
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  - REFER TO TXDOT STANDARDS DRAWING SSCB(3)-10 FOR TREATMENT AT COLUMNS
  - THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON SUBSURFACE UTILITY ENGINEERING DATA AND IS SUBJECT TO CHANGE. REFER TO PROPOSED UTILITY LAYOUTS FOR RELOCATED UTILITY LOCATIONS
  - REFER TO FRONTAGE ROAD, RAMP, CROSS STREET AND SIDE STREET PLAN SHEETS FOR ADDITIONAL INFORMATION
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REV. 9 ONLY

Thuy Thi-Thu Nguyen  
76176  
4/27/2018

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**Louis Berger DCE**  
F-12788

**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01  
**ROADWAY PLAN  
MANAGED LANES &  
SOUTHBOUND GENERAL PURPOSE  
STA 795+00 TO STA 806+00**

SCALE: 1" = 100' SHEET 6 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-65
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

4/27/2018 9:38:36 AM R:\GRP005\IN HOUSE\Segment South\Des\on Change Request\3AS-1339 AP01-RDW\CADD\04-RDWNTE3AS-AP01-RDW-PLGRP06.dgn  
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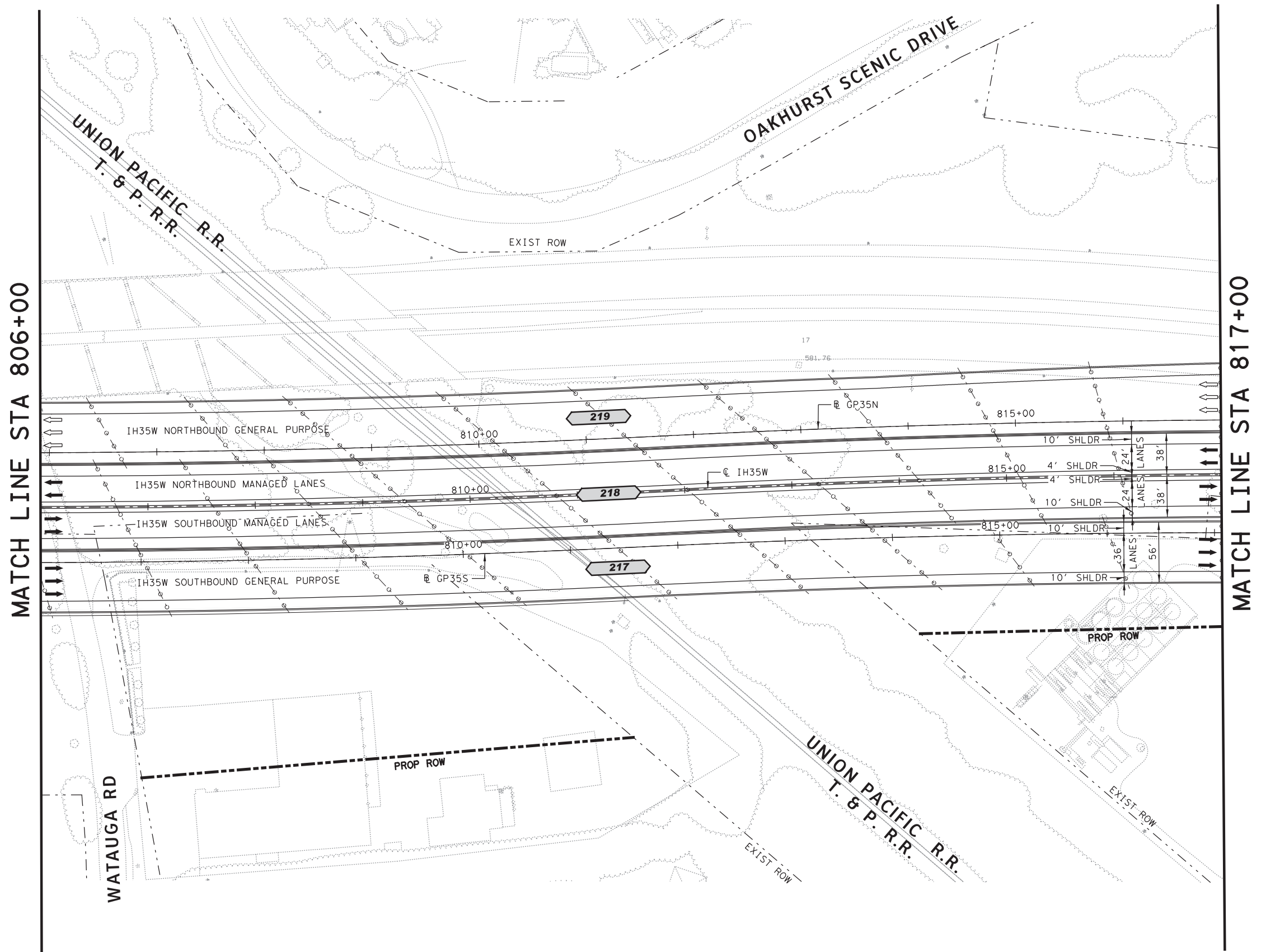
IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
3	06/30/2014	JBP	IFC NDC S-006



**LEGEND**

- (A) MBSF
- (B) RIPRAP (4")
- (C) RIPRAP (5")
- (D) CABLE BARRIER
- (E) TRF RL-SSCB (42")
- (F) TRF RL-SSTR (36")
- (G) CURB & GUTTER
- (H) TRF RL FDN-(RW-BTR)
- (I) TRF RL FDN-(TRF)
- (J) TRF RL-C411
- (K) NOISE BARRIER
- ROADWAY DETAILED AND PAID FOR THIS SHEET
- OVERLAY
- (L) SIDEWALK (4") (CONC)
- (M) RET WALL
- (N) LANDSCAPE
- (O) PAVERS
- (P) DRILL SEED
- (R) PED RAMP
- (S) DRIVEWAY
- (T) PED RAIL (PR1)
- (X) TYP SECT
- TRAFFIC FLOW
- OTHER PACKAGE TRAFFIC FLOW
- CRASH CUSHION ATTENUATOR
- TEMP CONST ESMT

- NOTES:**
- REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR BASELINE AND CURVE DATA
  - ALL DIMENSIONS ARE RELATIVE TO THE FACE OF CURB, NOMINAL FACE OF RAIL OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED
  - REFER TO TXDOT STANDARDS DRAWING SSCB(3)-10 FOR TREATMENT AT COLUMNS
  - THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON SUBSURFACE UTILITY ENGINEERING DATA AND IS SUBJECT TO CHANGE. REFER TO PROPOSED UTILITY LAYOUTS FOR RELOCATED UTILITY LOCATIONS
  - REFER TO FRONTAGE ROAD, RAMP, CROSS STREET AND SIDE STREET PLAN SHEETS FOR ADDITIONAL INFORMATION
  - REFER TO RETAINING WALL LAYOUTS FOR ADDITIONAL INFORMATION
  - REFER TO SIGN LAYOUTS FOR LIMITS OF MBSF AT OSB AND COSS LOCATIONS



MATCH LINE STA 806+00

MATCH LINE STA 817+00

06/30/2014

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Advanced Package 01  
**ROADWAY PLAN  
MANAGED LANES &  
SOUTHBOUND GENERAL PURPOSE  
STA 806+00 TO STA 817+00**

SCALE: 1" = 100' SHEET 7 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-66
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

MODIFICATION GEOMETRY AP01 & RP01 ACCORDING TO NTI RFI 073 "HORIZONTAL ALIGNMENT AT OAKHURST"

c:\npw\_temp\dm093811\NTE3AS\_AP01\_ROW\_FLGPO07.dgn 06/27/2014 19:21:19

NON-CLOUDED AREAS WILL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD, FOR THE RESPECTIVE CHANGES SHOWN IN PREVIOUS REVISIONS OF THIS SHEET.



IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
44	04/21/2017	TN	IFC NDC DCR-S-0740
51	11/06/2017	TN	IFC NDC DCR-S-1141
53	01/08/2018	TN	IFC NDC DCR-S-1171
56	03/20/2018	TN	IFC NDC DCR-S-1191

**LEGEND**

- |  |                            |
|--|----------------------------|
| (A) MBGF                                 | (L) SIDEWALK (4") (CONC)   |
| (B) RIPRAP (4")                          | (M) RET WALL               |
| (C) RIPRAP (5")                          | (N) LANDSCAPE              |
| (D) CABLE BARRIER                        | (O) PAVERS                 |
| (E) TRF RL-SSCB (42")                    | (Q) DRILL SEED             |
| (F) TRF RL-SSTR (36")                    | (R) PED RAMP               |
| (G) CURB & GUTTER                        | (S) DRIVEWAY               |
| (H) TRF RL-FDN-(RW-BTR)                  | (T) PED RAIL (PR1)         |
| (I) TRF RL-FDN-(TRF)                     | (U) TRF MS                 |
| (J) TRF RL-C411                          | (X) TYP SECT               |
| (K) NOISE BARRIER                        | → TRAF FLOW                |
| ROADWAY DETAILED AND PAID FOR THIS SHEET | ⇨ OTHER PACKAGE TRAF FLOW  |
| OVERLAY                                  | — CRASH CUSHION ATTENUATOR |
|  | ----- TEMP CONST ESMT      |

- NOTES:**
- REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR BASELINE AND CURVE DATA
  - ALL DIMENSIONS ARE RELATIVE TO THE FACE OF CURB, NOMINAL FACE OF RAIL OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED
  - REFER TO TXDOT STANDARDS DRAWING SSCB(3)-10 FOR TREATMENT AT COLUMNS
  - THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON SUBSURFACE UTILITY ENGINEERING DATA AND IS SUBJECT TO CHANGE. REFER TO PROPOSED UTILITY LAYOUTS FOR RELOCATED UTILITY LOCATIONS
  - REFER TO FRONTAGE ROAD, RAMP, CROSS STREET AND SIDE STREET PLAN SHEETS FOR ADDITIONAL INFORMATION
  - REFER TO RETAINING WALL LAYOUTS FOR ADDITIONAL INFORMATION
  - REFER TO SIGN LAYOUTS FOR LIMITS OF MBGF AT OSB AND COSS LOCATIONS

REV. 7 ONLY

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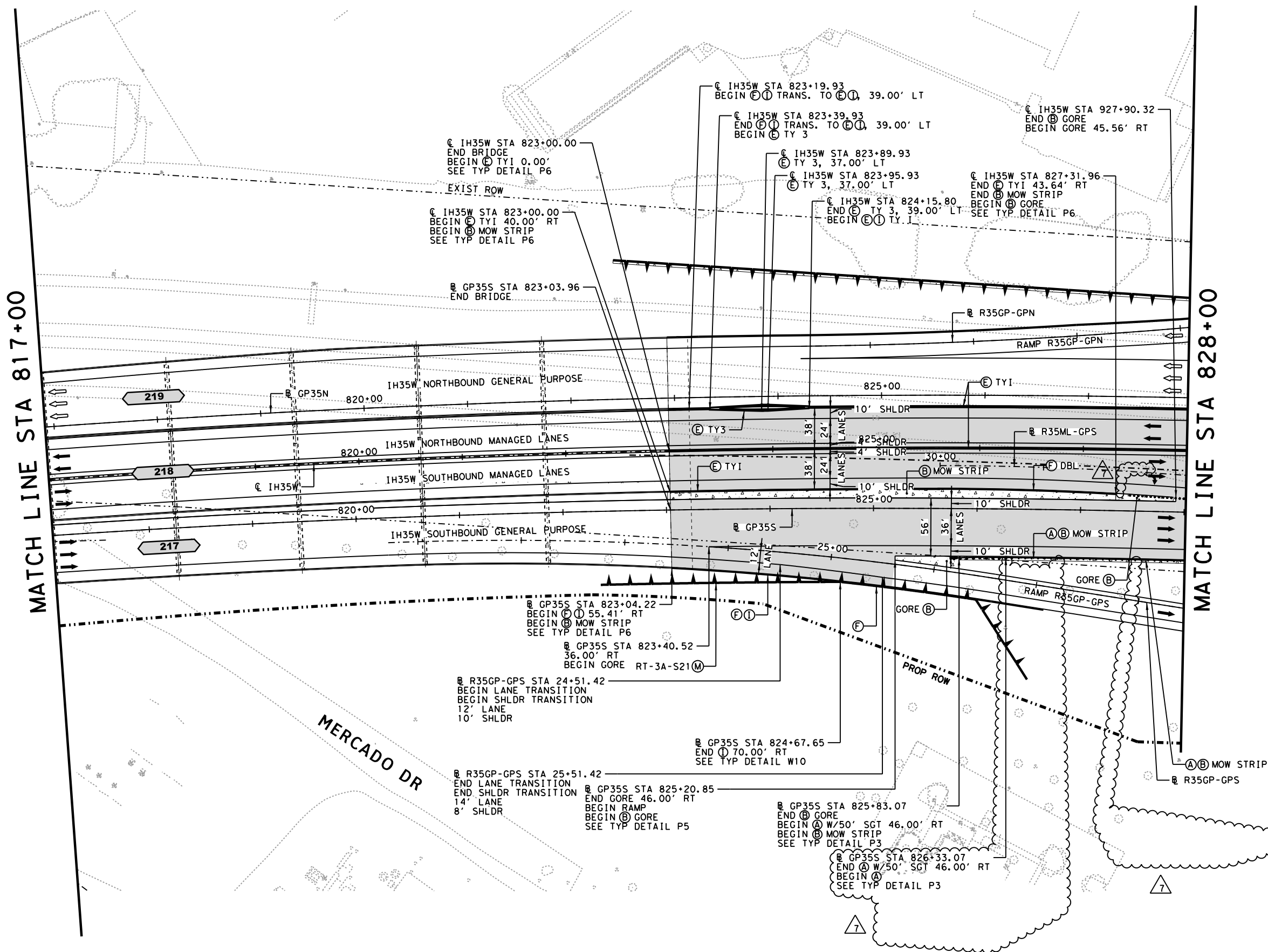
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**ROADWAY PLAN  
MANAGED LANES &  
SOUTHBOUND GENERAL PURPOSE**  
STA 817+00 TO STA 828+00

SCALE: 1" = 100' SHEET 8 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-67
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W



C3440 3/20/2018 8:22:03 AM R:\GROUP05\IN HOUSE\Segment South\Design Change Request\3AS-1191\CADD\04 RDWNTE3AS-AP01-RDWAY\_PLGP008.dgn

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IFC REV	DATE	BY	DESCRIPTION
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53	8/01/2018	TN	IFC NDC DCR-S-1171
56	9/03/2018	TN	IFC NDC DCR-S-1191
63	10/01/2018	CJS	IFC NDC DCR-S-1456

**LEGEND**

- |  |                            |
|--|----------------------------|
| (A) MBGF                                 | (L) SIDEWALK (4") (CONC)   |
| (B) RIPRAP (4")                          | (M) RET WALL               |
| (C) RIPRAP (5")                          | (N) LANDSCAPE              |
| (D) CABLE BARRIER                        | (O) PAVERS                 |
| (E) TRF RL-SSCB (42")                    | (Q) DRILL SEED             |
| (F) TRF RL-SSTR (36")                    | (R) PED RAMP               |
| (G) CURB & GUTTER                        | (S) DRIVEWAY               |
| (H) TRF RL-FDN-(RW-BTR)                  | (T) PED RAIL (PR1)         |
| (I) TRF RL-FDN-(TRF)                     | (U) TRF MS                 |
| (J) TRF RL-C411                          | (X) TYP SECT               |
| (K) NOISE BARRIER                        | → TRAF FLOW                |
| ROADWAY DETAILED AND PAID FOR THIS SHEET | ⇨ OTHER PACKAGE TRAF FLOW  |
| OVERLAY                                  | — CRASH CUSHION ATTENUATOR |
|  | ----- TEMP CONST ESMT      |

- NOTES:**
- REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR BASELINE AND CURVE DATA
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  - REFER TO FRONTAGE ROAD, RAMP, CROSS STREET AND SIDE STREET PLAN SHEETS FOR ADDITIONAL INFORMATION
  - REFER TO RETAINING WALL LAYOUTS FOR ADDITIONAL INFORMATION
  - REFER TO SIGN LAYOUTS FOR LIMITS OF MBGF AT OSB AND COSS LOCATIONS

REV. 10 ONLY

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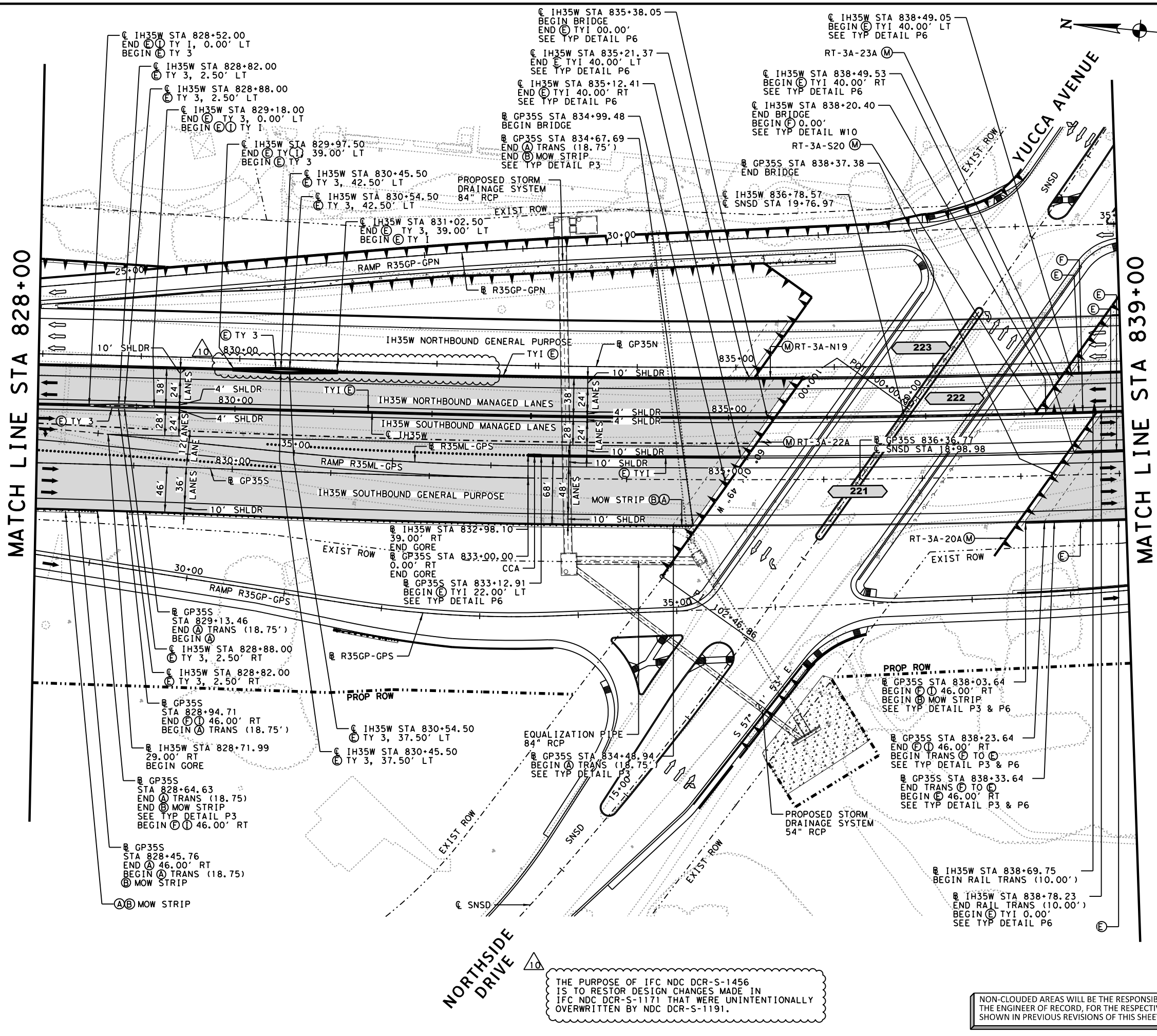
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MANAGED LANES &  
SOUTHBOUND GENERAL PURPOSE**  
STA 828+00 TO STA 839+00

SCALE: 1" = 100' SHEET 9 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-68
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W



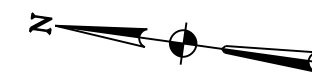
THE PURPOSE OF IFC NDC DCR-S-1456 IS TO RESTOR DESIGN CHANGES MADE IN IFC NDC DCR-S-1171 THAT WERE UNINTENTIONALLY OVERRITTEN BY NDC DCR-S-1191.

NON-CLOUDED AREAS WILL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD, FOR THE RESPECTIVE CHANGES SHOWN IN PREVIOUS REVISIONS OF THIS SHEET.

C3440 10/1/2018 10:21:15 AM R:\GROUP05\IN HOUSE\Segment South\Design Change Request\3AS-1456\CADD\04 RDWNTE3AS.AP01\_ROW\_PLGPO09.dgn

R:\GROUP05\IN HOUSE\Segment South\Design Change Request\3AS-1456\CADD\04 RDWNTE3AS.AP01\_ROW\_PLGPO09.dgn 10/1/2018 10:21:15 AM

IFC REV	DATE	BY	DESCRIPTION
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3	06/30/2014	JBP	IFC NDC S-006
7	10/31/2014	JBP	IFC NDC S-015
13	04/21/2015	JBP	IFC NDC S-044
53	01/08/2018	TN	IFC NDC DCR-S-1171



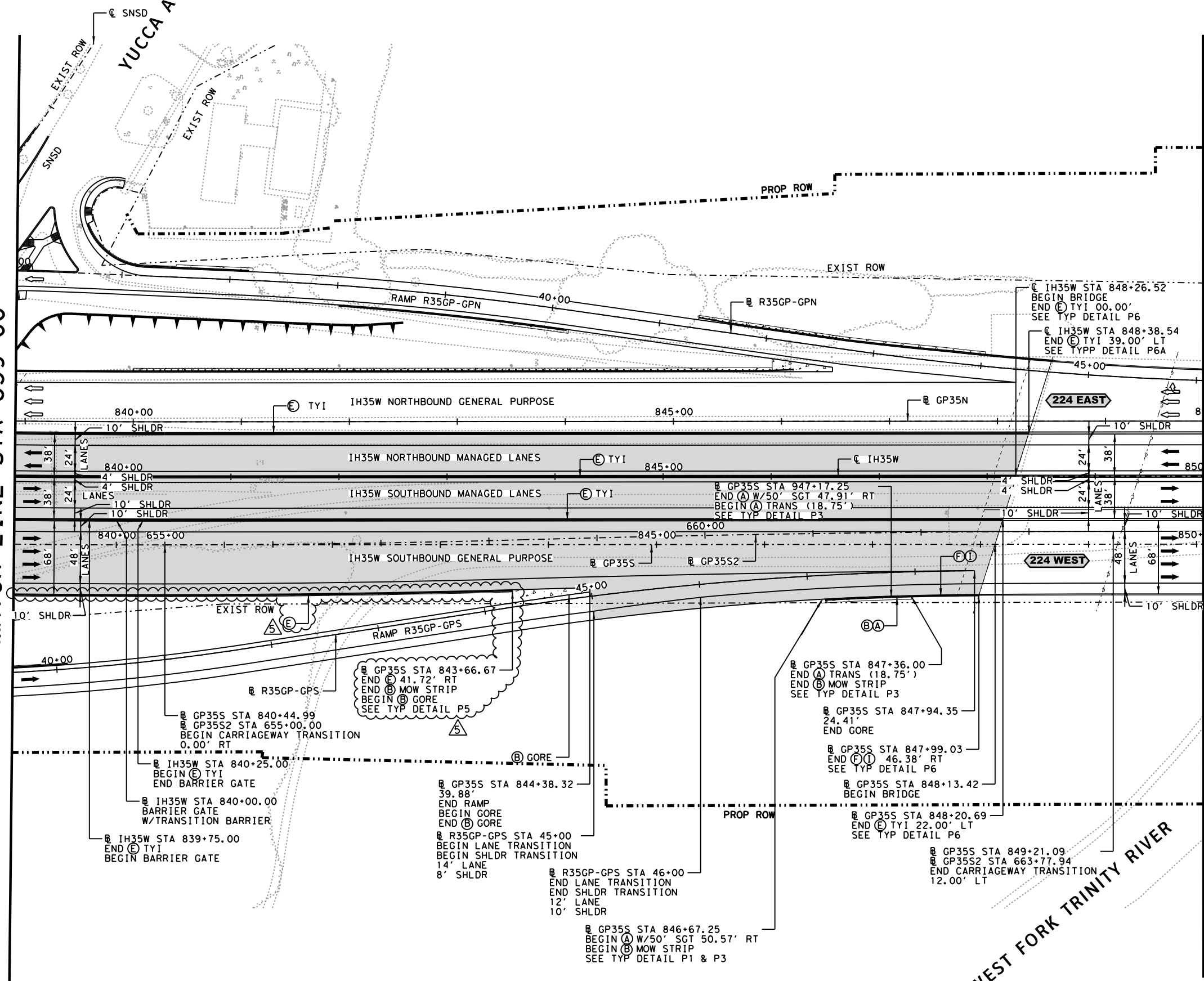
**LEGEND**

- |  |                            |
|--|----------------------------|
| (A) MBSF                                 | (L) SIDEWALK (4") (CONC)   |
| (B) RIPRAP (4")                          | (M) RET WALL               |
| (C) RIPRAP (5")                          | (N) LANDSCAPE              |
| (D) CABLE BARRIER                        | (O) PAVERS                 |
| (E) TRF RL-SSCB (42")                    | (Q) DRILL SEED             |
| (F) TRF RL-SSTR (36")                    | (R) PED RAMP               |
| (G) CURB & GUTTER                        | (S) DRIVEWAY               |
| (H) TRF RL-FDN-(RW-BTR)                  | (T) PED RAIL (PR1)         |
| (I) TRF RL-FDN-(TRF)                     | (U) TRF MS                 |
| (J) TRF RL-C411                          | (X) TYP SECT               |
| (K) NOISE BARRIER                        | → TRAF FLOW                |
| ROADWAY DETAILED AND PAID FOR THIS SHEET | ⇨ OTHER PACKAGE TRAF FLOW  |
| OVERLAY                                  | — CRASH CUSHION ATTENUATOR |
|  | ----- TEMP CONST ESMT      |

- NOTES:**
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  - REFER TO FRONTAGE ROAD, RAMP, CROSS STREET AND SIDE STREET PLAN SHEETS FOR ADDITIONAL INFORMATION
  - REFER TO RETAINING WALL LAYOUTS FOR ADDITIONAL INFORMATION
  - REFER TO SIGN LAYOUTS FOR LIMITS OF MBSF AT OSB AND COSS LOCATIONS

MATCH LINE STA 839+00

MATCH LINE STA 850+00



REV. 5 ONLY

THUY THI-THU NGUYEN  
76176  
1/8/2018

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Advanced Package 01  
**ROADWAY PLAN  
MANAGED LANES &  
SOUTHBOUND GENERAL PURPOSE**  
STA 839+00 TO STA 850+00

SCALE: 1" = 100'		SHEET 10 OF 11	
FED. RD. DIV. NO. 6	FEDERAL AID PROJECT NO. IM 0355 (152)	SHEET NO. RDW-69	
STATE TEXAS	DISTRICT FT. WORTH	COUNTY TARRANT	
CONT 0014	SECT 16	JOB 179	HIGHWAY NO. IH35W

NON-CLOUDED AREAS WILL BE THE RESPONSIBILITY OF THE ENGINEER OF RECORD, FOR THE RESPECTIVE CHANGES SHOWN IN PREVIOUS REVISIONS OF THIS SHEET.

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IFC REV	DATE	BY	DESCRIPTION
0	0	11/15/2013	JBP AP01-S IFC SUBMITTAL
3	1	06/30/2014	JBP IFC NDC S-006
5	2	09/08/2014	JBP IFC NDC S-010
10	3	01/26/2015	JBP IFC NDC S-028
13	4	04/21/2015	JBP IFC NDC S-044



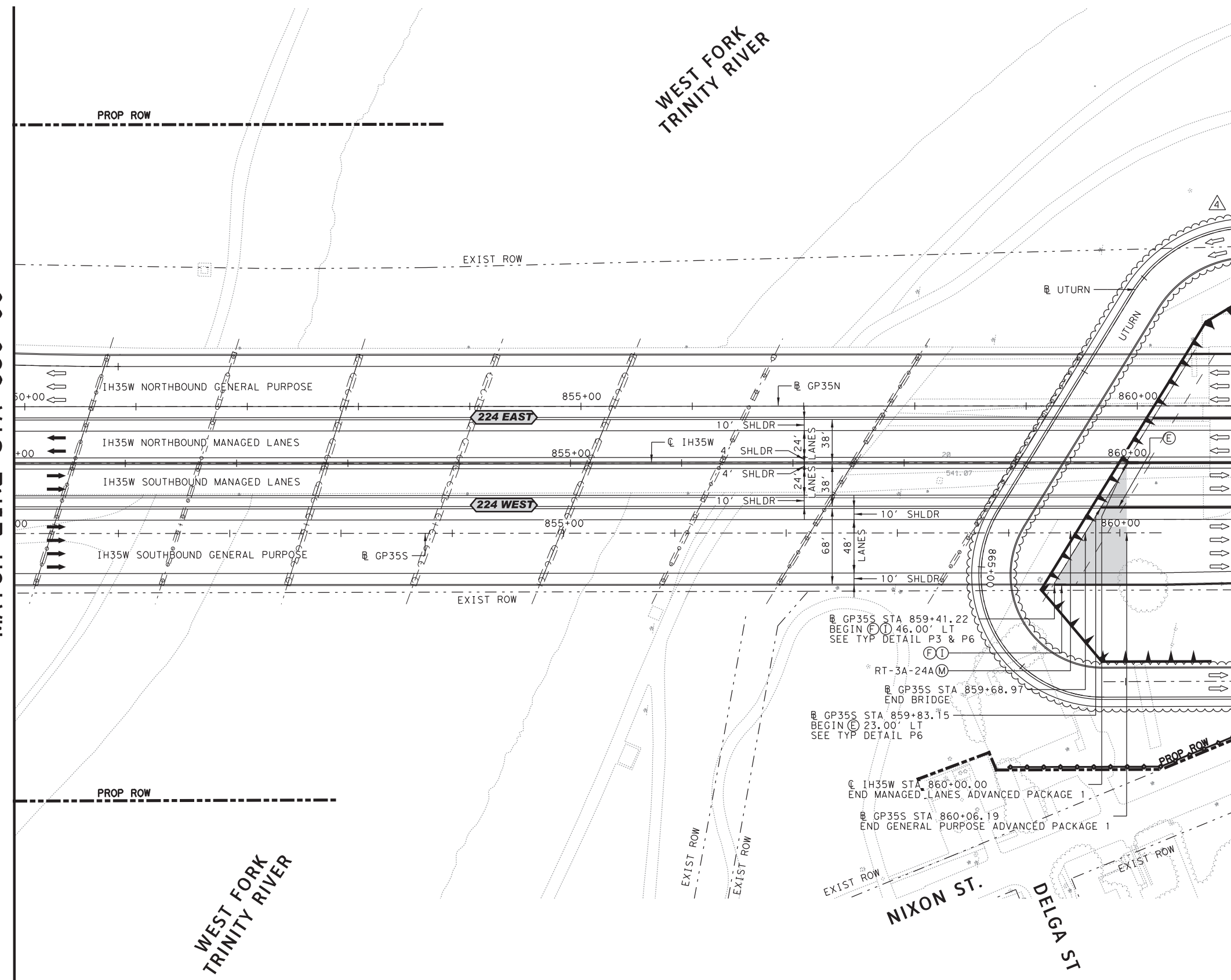
**LEGEND**

- |  |                            |
|--|----------------------------|
| (A) MBGF                                 | (L) SIDEWALK (4") (CONC)   |
| (B) RIPRAP (4")                          | (M) RET WALL               |
| (C) RIPRAP (5")                          | (N) LANDSCAPE              |
| (D) CABLE BARRIER                        | (O) PAVERS                 |
| (E) TRF RL-SSCB (42")                    | (P) DRILL SEED             |
| (F) TRF RL-SSTR (36")                    | (R) PED RAMP               |
| (G) CURB & GUTTER                        | (S) DRIVEWAY               |
| (H) TRF RL FDN-(RW-BTR)                  | (T) PED RAIL (PR1)         |
| (I) TRF RL FDN-(TRF)                     | (X) TYP SECT               |
| (J) TRF RL-C411                          | → TRAF FLOW                |
| (K) NOISE BARRIER                        | ⇨ OTHER PACKAGE TRAF FLOW  |
| ROADWAY DETAILED AND PAID FOR THIS SHEET | — CRASH CUSHION ATTENUATOR |
| OVERLAY                                  | - - - - TEMP CONST ESMT    |

- NOTES:**
- REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR BASELINE AND CURVE DATA
  - ALL DIMENSIONS ARE RELATIVE TO THE FACE OF CURB, NOMINAL FACE OF RAIL OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED
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  - REFER TO FRONTAGE ROAD, RAMP, CROSS STREET AND SIDE STREET PLAN SHEETS FOR ADDITIONAL INFORMATION
  - REFER TO RETAINING WALL LAYOUTS FOR ADDITIONAL INFORMATION
  - REFER TO SIGN LAYOUTS FOR LIMITS OF MBGF AT OSB AND COSS LOCATIONS

MATCH LINE STA 850+00

MATCH LINE STA 861+00



Signature of Jose M. Barrau Peloché  
 04/21/2015  
 LICENSED PROFESSIONAL ENGINEER  
 112681  
 STATE OF TEXAS

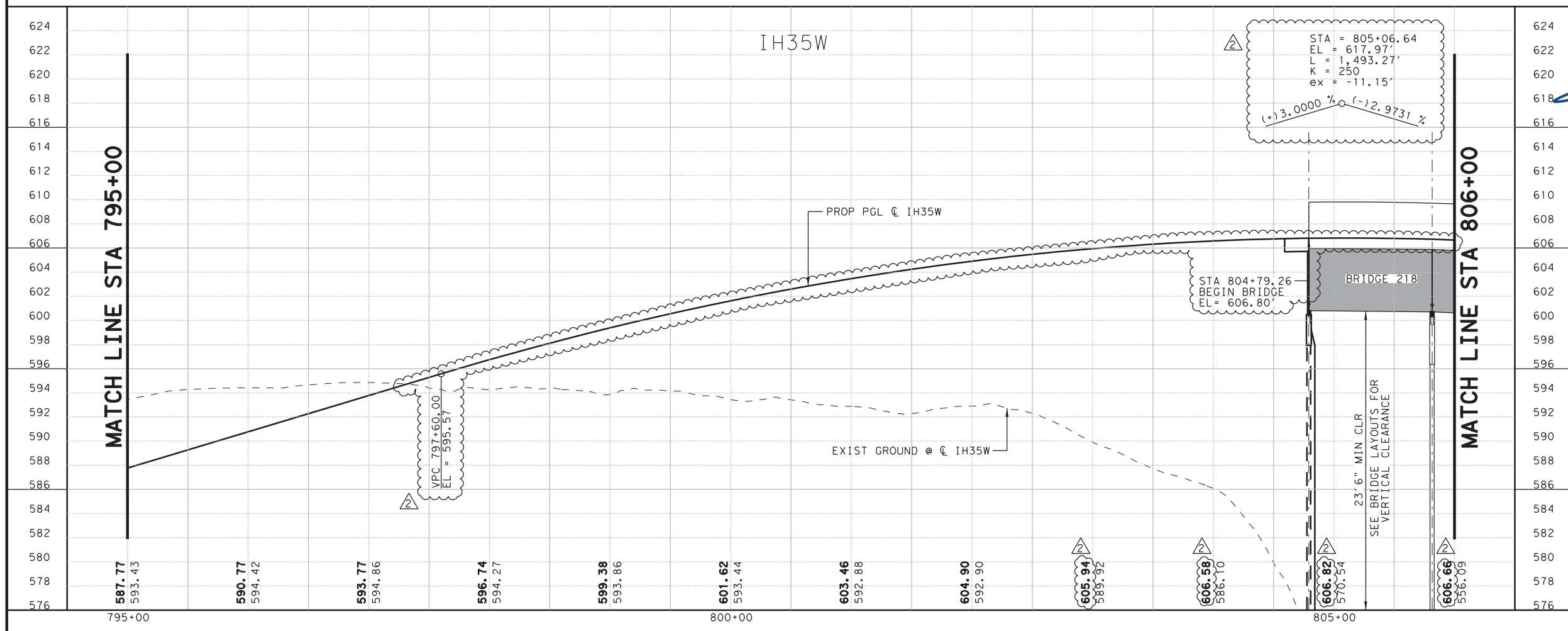
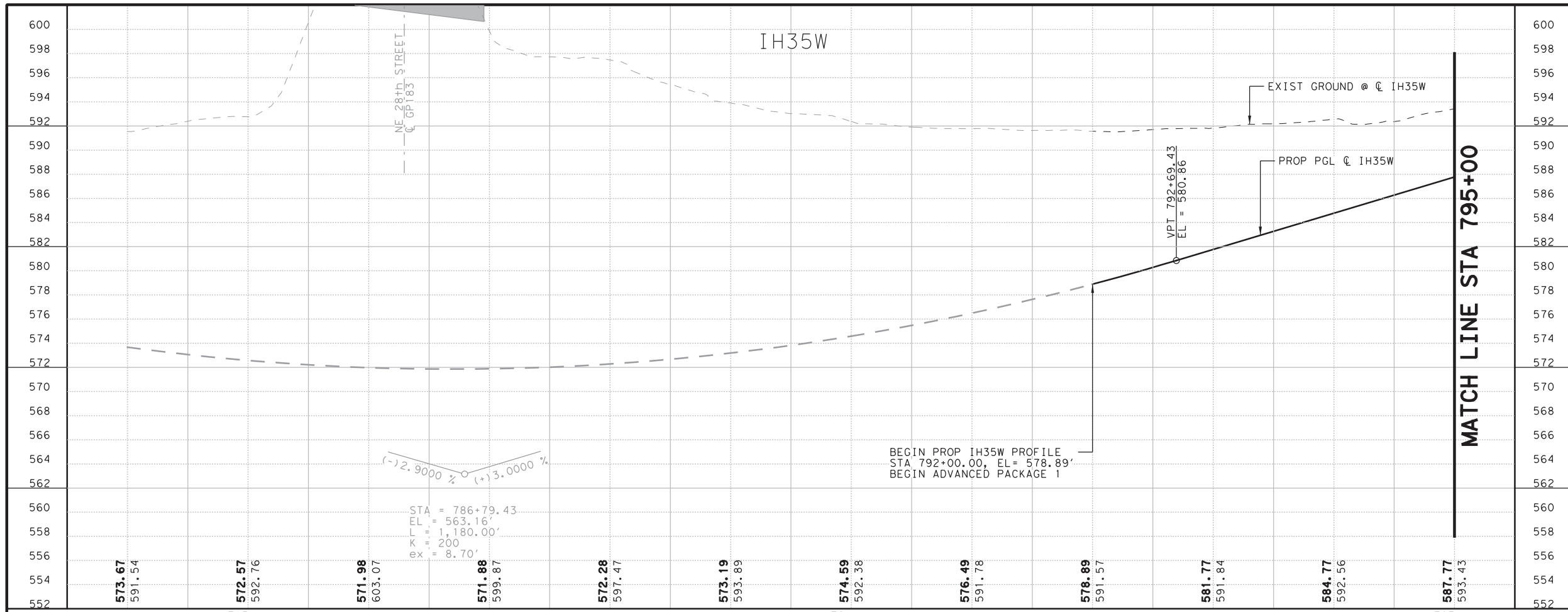
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 Advanced Package 01  
**ROADWAY PLAN**  
**MANAGED LANES &**  
**SOUTHBOUND GENERAL PURPOSE**  
 STA 850+00 TO STA 861+00

SCALE: 1" = 100' SHEET 11 OF 11

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-70
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

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IFC REV	DATE	BY	DESCRIPTION
0	0	11/15/2013	JBP AP01-S IFC SUBMITTAL
3	1	06/30/2014	JBP IFC NDC S-006
5	2	09/08/2014	JBP IFC NDC S-010

NOTE:  
VERTICAL CLEARANCES AS SHOWN ARE MINIMUM CLEARANCES TO CRITICAL POINTS AT THE BRIDGE. THEY DO NOT REFLECT ACTUAL CLEARANCE AT THE PGL LABELED. REFER TO BRIDGE LAYOUT FOR LOCATION OF MINIMUM CLEARANCE

09/08/2014

JOSE M. BARRAU PELOCHE  
112681  
LICENSED PROFESSIONAL ENGINEER

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NORTH TARRANT EXPRESS - SEGMENT 3AS  
Advanced Package 01

ROADWAY PROFILES  
MANAGED LANES

STA 792+00 TO STA 806+00

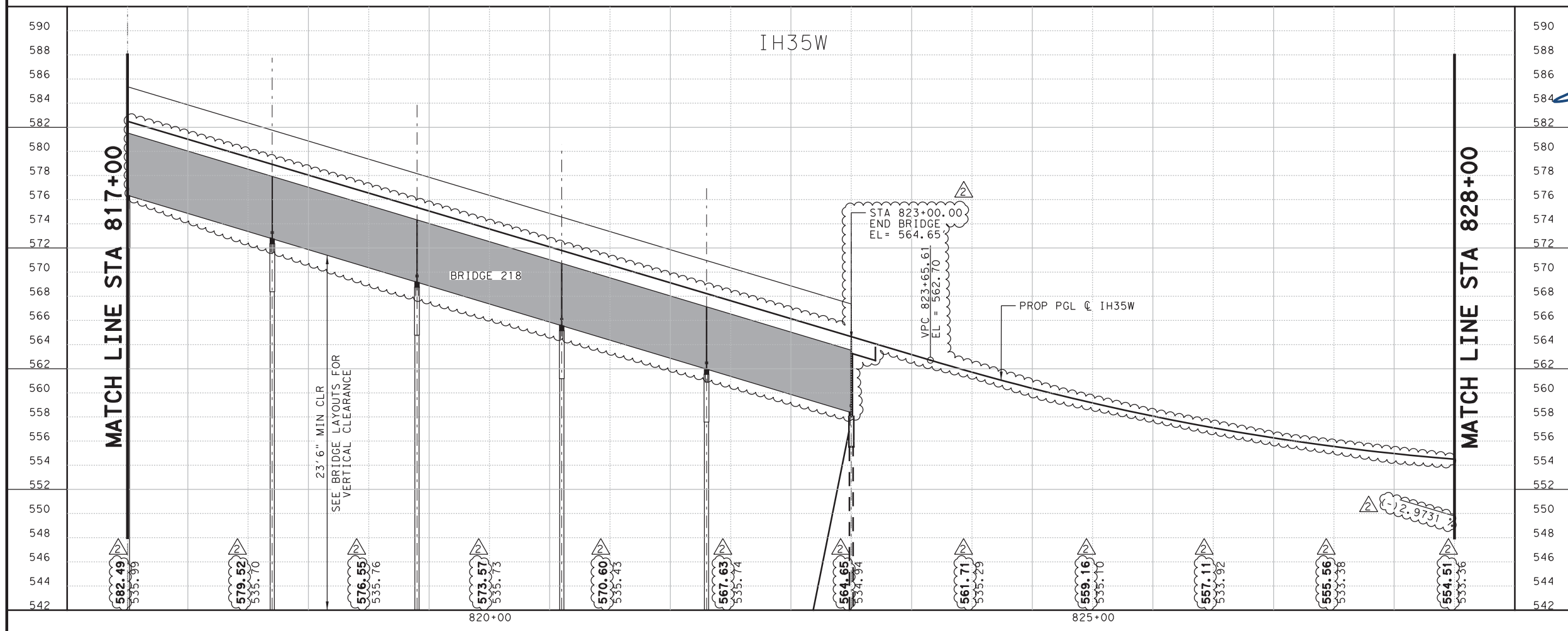
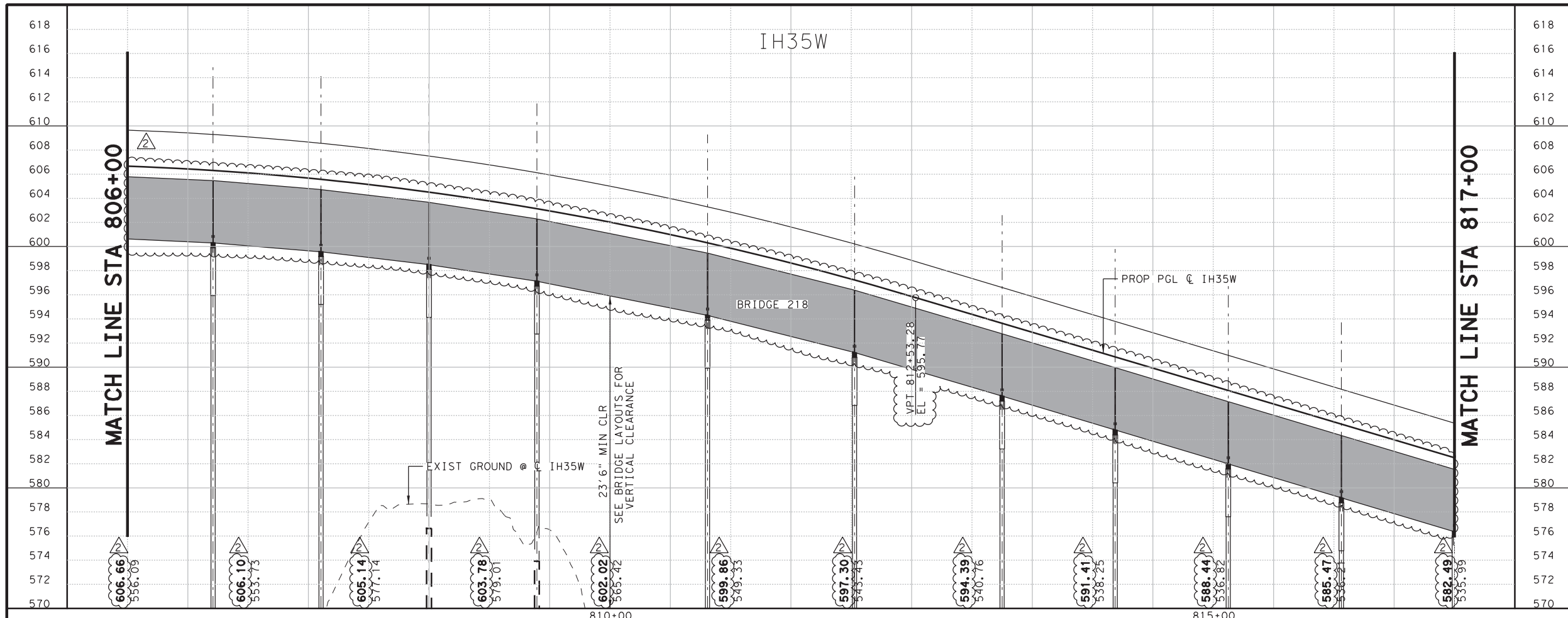
HORIZ.: 1" = 100'  
VERT.: 1" = 10'

SHEET 1 OF 4

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-71
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

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IFC REV	DATE	BY	DESCRIPTION
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3	1	06/30/2014	JBP IFC NDC S-006
5	2	09/08/2014	JBP IFC NDC S-010

NOTE:  
VERTICAL CLEARANCES AS SHOWN ARE MINIMUM CLEARANCES TO CRITICAL POINTS AT THE BRIDGE. THEY DO NOT REFLECT ACTUAL CLEARANCE AT THE PGL LABELED. REFER TO BRIDGE LAYOUT FOR LOCATION OF MINIMUM CLEARANCE

09/08/2014

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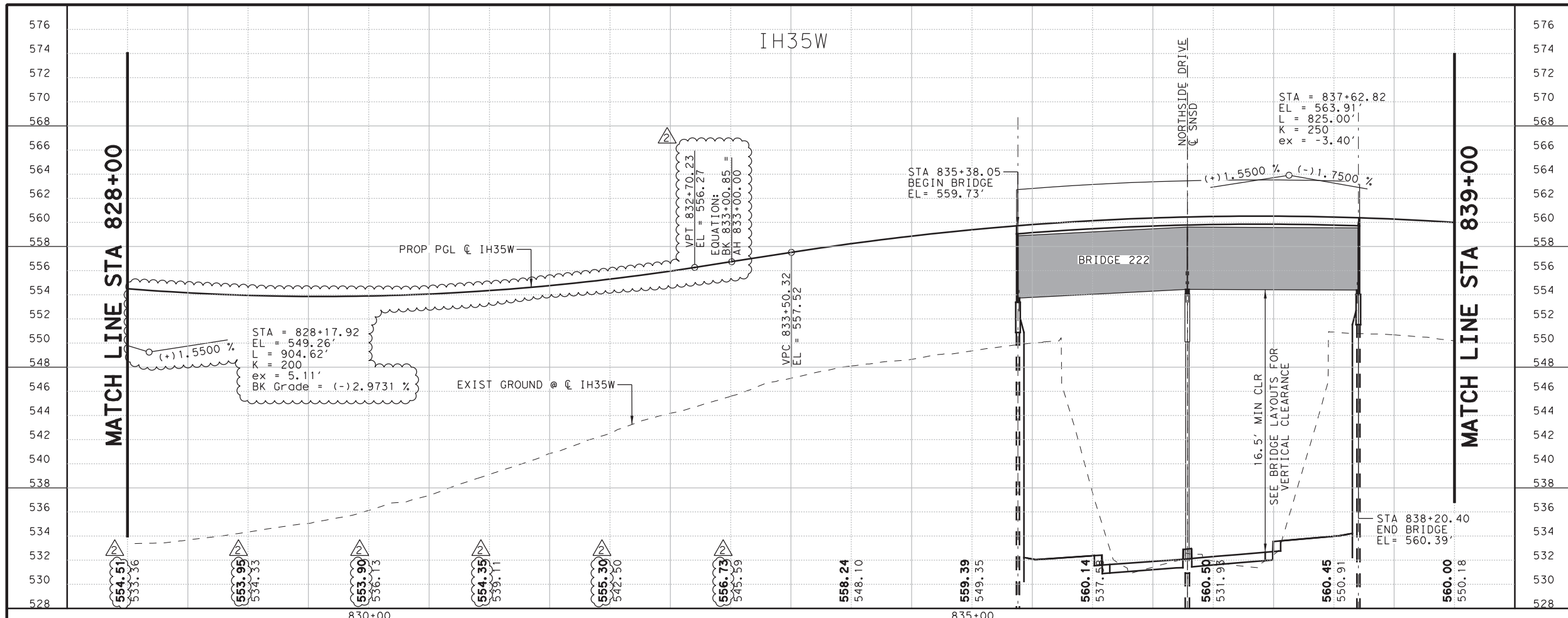
**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01

ROADWAY PROFILES  
MANAGED LANES

STA 806+00 TO STA 828+00  
HORZ.: 1" = 100'  
VERT.: 1" = 10'

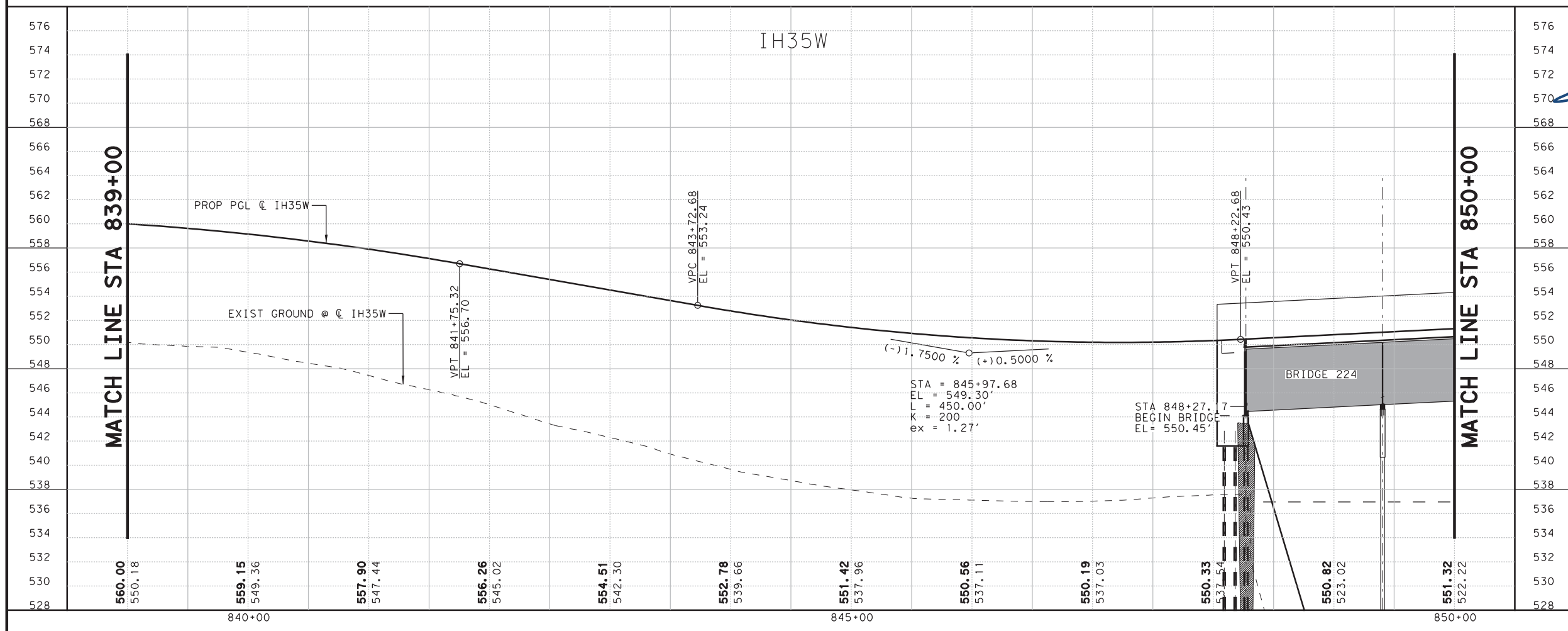
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6	IM 0355 (152)	RDW-72
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

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IFC REV	DATE	BY	DESCRIPTION
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3	06/30/2014	JBP	IFC NDC S-006
5	09/08/2014	JBP	IFC NDC S-010

NOTE:  
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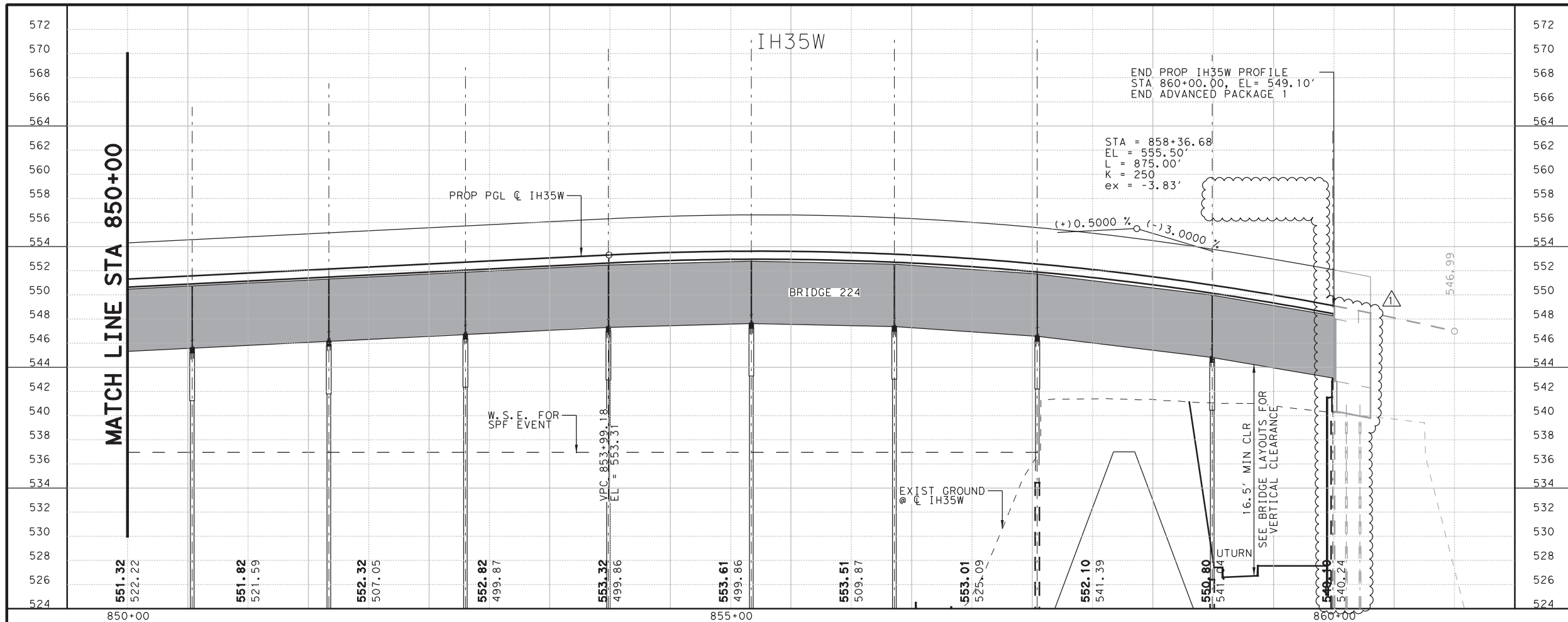
Louis Berger DCE  
F-12788

NORTH TARRANT EXPRESS - SEGMENT 3AS  
Advanced Package 01

ROADWAY PROFILES  
MANAGED LANES  
STA 828+00 TO STA 850+00  
HORIZ.: 1" = 100'  
VERT.: 1" = 10'

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-73
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

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IFC REV	DATE	BY	DESCRIPTION
0	11/15/2013	JBP	AP01-S IFC SUBMITTAL
3	06/30/2014	JBP	IFC NDC S-006

NOTE:  
VERTICAL CLEARANCES AS SHOWN ARE MINIMUM CLEARANCES TO CRITICAL POINTS AT THE BRIDGE. THEY DO NOT REFLECT ACTUAL CLEARANCE AT THE PGL LABELED. REFER TO BRIDGE LAYOUT FOR LOCATION OF MINIMUM CLEARANCE

06/30/2014

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**Louis Berger DCE**  
F-12788

**NORTH TARRANT EXPRESS - SEGMENT 3AS**  
Advanced Package 01

ROADWAY PROFILES  
MANAGED LANES

STA 850+00 TO STA 860+00  
HORZ.: 1" = 100'  
VERT.: 1" = 10'

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
6	IM 0355 (152)	RDW-74
STATE	DISTRICT	COUNTY
TEXAS	FT. WORTH	TARRANT
CONT	SECT	JOB
0014	16	179
		HIGHWAY NO
		IH35W

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