PROJECT	DESIGNATION
0501212	0501212
CONTRACT	
R-28940	

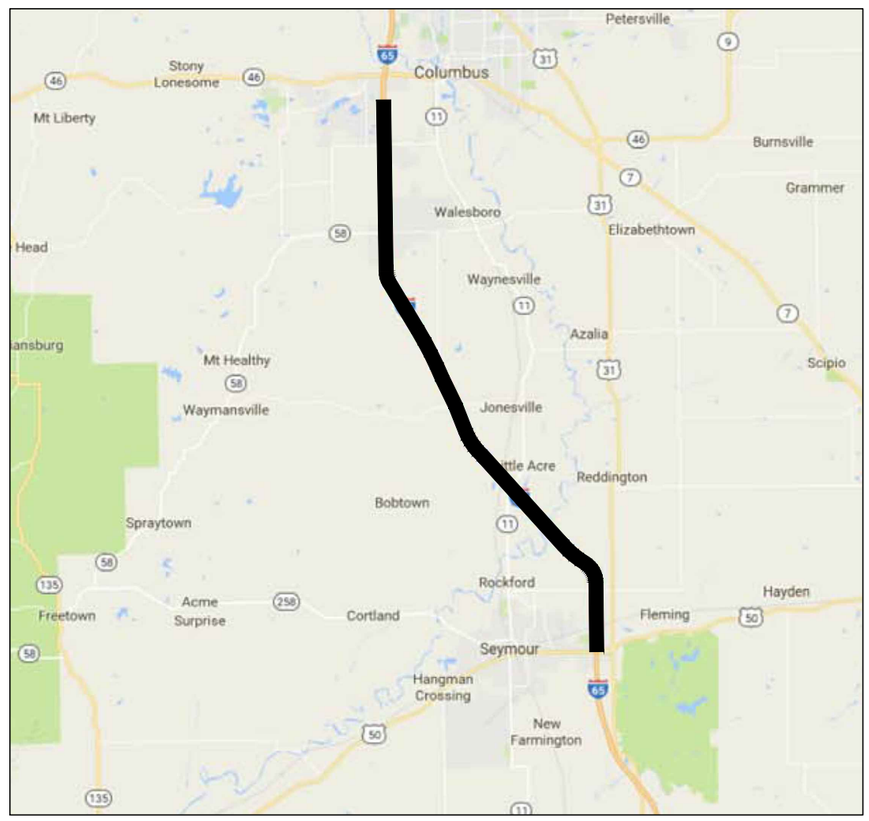
KIN DESIGNATION NUMBERS		
PART	DESIGNATION	DESCRIPTION
1	0501212	I-65 ROAD PLANS
2	0501212	I-65 CROSS SECTIONS
3	0501212	I-65 TRAFFIC PLANS
4	1601732 & 1601733	I-65 OVER CSX RAILROAD
5	1592538 & 1592536	I-65 OVER MUTTON CREEK DITCH
6	1601840 & 1601970	I-65 OVER EAST FORK OF WHITE RIVER
7	1601841 & 1601920	I-65 OVER EAST FORK OF WHITE RIVER, OVERFLOW NO. 1
8	1592568 & 1592576	I-65 OVER EAST FORK OF WHITE RIVER, OVERFLOW NO. 2
9	1592575 & 1592589	I-65 OVER EAST FORK OF WHITE RIVER, OVERFLOW NO. 3
10	1592590 & 1592592	I-65 OVER L & I RAILROAD
11	1592595 & 1592594	I-65 OVER ABLE DITCH
12	1592600 & 1592599	I-65 OVER SMALLS CREEK
13	1700256	ENOS ROAD OVER I-65
13	1700257	CR 800 NORTH OVER I-65
13	1700258	REDDING ROAD OVER I-65
13	1700259	SR 11 OVER I-65
13	1700260	COUNTYLINE ROAD OVER I-65
13	1700261	CR 950 SOUTH OVER I-65
13	1700262	CR 625 SOUTH OVER I-65
14	1383528 & 1383529	I-65 OVER DENOIS CREEK

INDIANA DEPARTMENT OF TRANSPORTATION

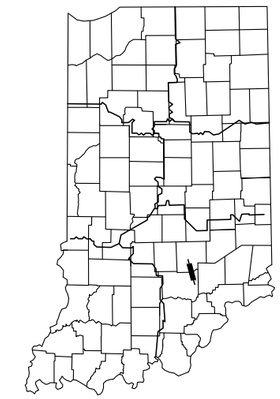
ROAD PLANS

PROJECT NO. P.E./ CONST. 0501212

ROAD AND BRIDGE REPLACEMENT / REHABILITATION ON I-65 FROM NORTH OF US 50 (RP 49+0.94) TO SOUTH OF SR 46 (RP 67+0.8), IN BARTHOLOMEW AND JACKSON COUNTY, INDIANA



DESIGN DATA	I-65	S.R. 58
DESIGN SPEED	70 M.P.H.	45 M.P.H.
PROJECT DESIGN CRITERIA	4R (PARTIAL RECONSTRUCTION)	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	INTERSTATE	STATE COLLECTOR
RURAL/URBAN	RURAL	RURAL
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	FULL ACCESS CONTROL	NONE



PROJECT LOCATION SHOWN BY

LATITUDE: 39°03'43"N LONGITUDE: 85°55'14"W

GROSS LENGTH :	14.25 MI.
NET LENGTH :	14.25 MI.
MAX GRADE :	2.8%

CERTIFIED TRUE COPY

(1 of 5)

[INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2016 TO BE USED WITH THESE PLANS]

R-28940
PART 1 OF 14

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road1Dwg\Plans\TITLE.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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Fax: 317-895-2596 Web: www.ucindy.com

PLANS PREPARED BY: UNITED CONSULTING (317) 895-2585
PHONE NUMBER

CERTIFIED BY: _____ DATE

APPROVED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION
0501212

SURVEY BOOK	SHEETS		
	1	of	196
CONTRACT	PROJECT		
R-28940	0501212		

UTILITIES

AT&T Indiana
Columbus, IN
Attn: Troy Bishop
Ph: 812-376-2887
Email: tb2932@att.com

Bartholomew County REMC
801 Second St.
Columbus, IN 47201
Attn: Marvin Book
Ph: 812-418-5021
Email: mbook@bcremc.com

CMN-RUS, Inc. (Metronet)
3701 Communications Way
Evansville, IN 47715
Attn: Doug Reckart
Ph: 317-809-8067
Email: doug.reckart@metronetinc.com

Columbus City Utilities
P.O. Box 1987
Columbus, IN 47202
Attn: Ed Bergsieker
Ph: 812-372-8861
Email: ebergsieker@columbusutilities.org

Comcast
1470 Jackson St.
Columbus, IN 47203
Ph: 765-545-0234
Attn: Tom Davis
Email: thomas_davis3@comcast.com

Duke Energy
2515 N Morton St
Franklin, IN 46131
Attn: Gabe Gibson
Ph: 317-736-2047
Email: gabe.gibson@duke-energy.com

Duke Energy Transmission
1000 E. Main St (WP 922)
Plainfield, IN 46168
Attn: Jason Kennan
Ph: 317-838-1513
Email: jason.keenan@duke-energy.com

Eastern Bartholomew Water Co.
P.O. Box 487
Taylorsville, IN 47280
Attn: Don Smith
Ph: 812-526-9777
Email: super@ebwonline.net

Enterprise Products Operation, LLC
1270 Washington St.
Columbus, IN 47201
Attn: Elisa Abraham
Ph: 812-376-2368
Email: ekabraham@eprod.com

Enterprise Products Operation, LLC
1270 Washington St.
Columbus, IN 47201
Attn: Scott Hawn
Ph: 812-528-9482
Email: jshawn@eprod.com

Frontier Communications
1233 West Tipton Street
Seymour, IN 47274
Attn: Mark Gibson
Ph: 812-522-1502
Email: mark.e.gibson@ftr.com

Hoosier Energy
7398 N. State Road 37
Bloomington, IN 47404
Attn: Tim Emmel
Ph: 812-876-0545
Email: temmel@HEPN.com

Indiana American Water
555 E. County Line Road, Suite 201
Greenwood, IN 46143
Attn: Stephen Anderson
Ph: 317-885-2416
Email: stephen.anderson@amwater.com

Jackson County REMC
274 E. Base Road
Brownstown, IN 47220
Attn: Mark Smallwood
Ph: 800-288-4458 ext. 1012
Email: msmallwood@jacksonremc.com

Jackson County Water Utility, Inc.
1119 West Spring Street
Brownstown, IN 47220
Attn: Larry McIntosh
Ph: 812-358-3654
Fax: 812-358-3730
Email: manager@jacksoncountywater.com

Midwest Natural Gas Corporation
1080 W. Hospital Road
P.O. Box 450
Paoli, IN 47454
Attn: Phil Ross
Ph: 812-723-2151
Fax: 812-723-2188
Email: phil_r@indiananatural.com

Smithville Communications
1600 W. Temperance St.
P.O. box 728
Ellettsville, IN 47429-0728
Attn: Joseph Bryniarski
Ph: 812-935-2262
Email: joe.bryniarski@smithville.com

Southwestern Bartholomew Water Corporation
4735 W. Carlos Folger Drive
Columbus, IN 47201
Attn: Alan Ross
Ph: 812-342-4450
Email: aross@swbwc.com

Texas Eastern Gas Pipeline (Spectra Energy)
10135 East County Road 1000 North
Seymour, IN 47274
Attn: Doug Wessel
Ph: 812-522.4802
Email: pdwessel@spectraenergy

Vectren Energy Delivery
4324 Middle Road
Columbus, IN 47203
Attn: Sandra Buening
Ph: 812-348-6712
Email: sbuening@vectren.com
Also copy Holly Columbia
Email: hcolumbia@vectren.com

Windstream
5020 Smythe Dr.
Evansville, IN 47715
Attn: Daniel Leskinen
Ph: 812-759-2833
Email: daniel.leskinen@windstream.com

Zayo Bandwidth
9209 Castlegate Dr.
Indianapolis, IN 46256
Attn: Dan Jones
Ph: 765-506-0933
Fax: 317-524-5722
Email: inky_relo@zayo.com

GENERAL NOTES

**	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. _____ and Sta. _____, shall be removed as directed.
	The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
	All limited access right-of-way (L.A. R/W) is to be fenced with chain link type fence (CLTF) or farm field type fence (FFTF) where specified in the plans.

TRAFFIC DATA	I-65	S.R. 58
A.D.T. (2019)	US 50 INTERCHANGE TO SR 11 INTERCHANGE - 31,320 V.P.D. SR 11 INTERCHANGE TO SR 58 INTERCHANGE - 36,430 V.P.D. SR 58 INTERCHANGE TO SR 46 INTERCHANGE - 44,310 V.P.D.	11,360 V.P.D.
A.D.T. (2039)	US 50 INTERCHANGE TO SR 11 INTERCHANGE - 34,310 V.P.D. SR 11 INTERCHANGE TO SR 58 INTERCHANGE - 41,770 V.P.D. SR 58 INTERCHANGE TO SR 46 INTERCHANGE - 54,180 V.P.D.	16,880 V.P.D.
D.H.V. (2039)	US 50 INTERCHANGE TO SR 11 INTERCHANGE - 2,740 V.P.H. SR 11 INTERCHANGE TO SR 58 INTERCHANGE - 3,340 V.P.H. SR 58 INTERCHANGE TO SR 46 INTERCHANGE - 3,790 V.P.H.	1,350 V.P.H.
DIRECTIONAL DISTRIBUTION	NOT PROVIDED	NOT PROVIDED
TRUCKS	US 50 INTERCHANGE TO SR 11 INTERCHANGE - 38% A.A.D.T. SR 11 INTERCHANGE TO SR 58 INTERCHANGE - 34% A.A.D.T. SR 58 INTERCHANGE TO SR 46 INTERCHANGE - 30% A.A.D.T.	5% A.A.D.T.
TRUCKS	US 50 INTERCHANGE TO SR 11 INTERCHANGE - 29% D.H.V. SR 11 INTERCHANGE TO SR 58 INTERCHANGE - 25% D.H.V. SR 58 INTERCHANGE TO SR 46 INTERCHANGE - 22% D.H.V.	3% D.H.V.

REVISIONS

SHEET NO.	DATE	REVISION

INDEX

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX &
GENERAL NOTES

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N.A.	-
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
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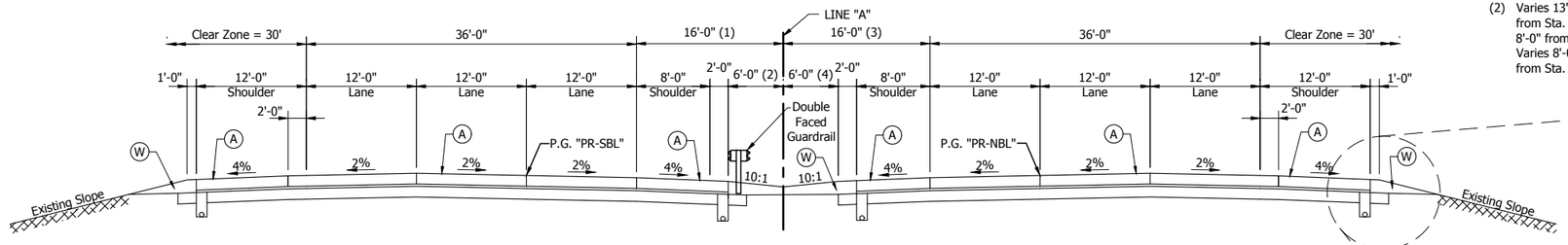
(1) Varies 23'-10" to 18'-0"
from Sta. 2647+62.79 to 2737+96.92
18'-0" from Sta. 2737+96.92 to 2858+60.64
Varies 18'-0" to 16'-0"
from Sta. 2858+60.64 to 2891+66.13

(2) Varies 13'-10" to 8'-0"
from Sta. 2647+62.79 to 2858+96.92
8'-0" from Sta. 2737+96.92 to 2858+60.64
Varies 8'-0" to 6'-0"
from Sta. 2858+60.64 to 2891+66.13

(3) Varies 9'-8" to 15'-0"
from Sta. 2647+62.79 to 2738+03.11
15'-0" from Sta. 2738+03.11 to 2858+62.20
Varies 15'-0" to 16'-0" from
Sta. 2858+62.20 to 2891+68.11

(4) Varies 0'-0" to 5'-0"
from Sta. 2647+62.79 to 2738+03.11
5'-0" from Sta. 2738+03.11 to 2858+62.20
Varies 5'-0" to 6'-0" from
Sta. 2858+62.20 to 2891+68.11

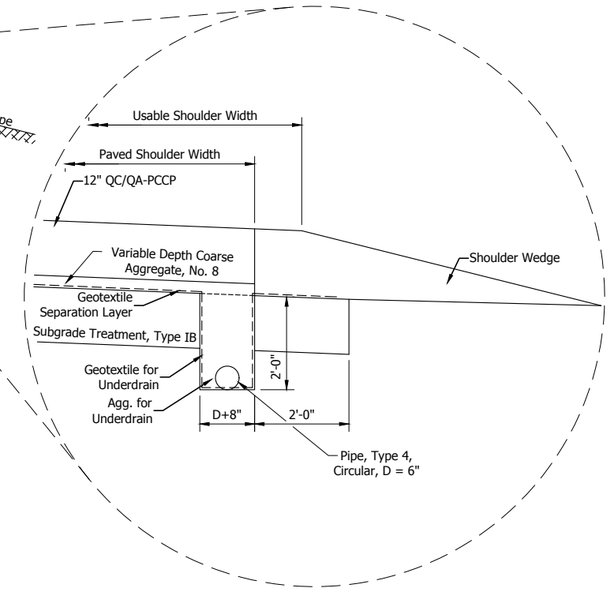


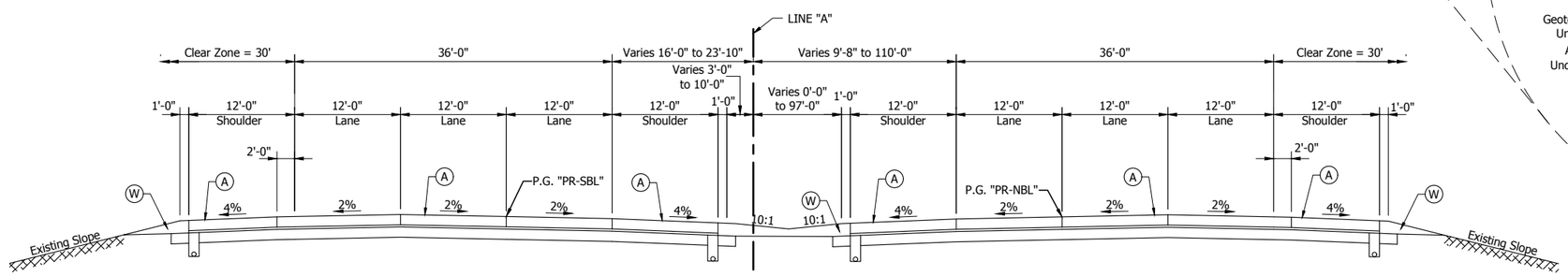
I-65 Southbound

I-65 Northbound

TYPICAL SECTION (RECONSTRUCTION)

2214+50.00 "A" to 2563+12.40 "A"
2647+62.79 "A" to 2965+50.00 "A"



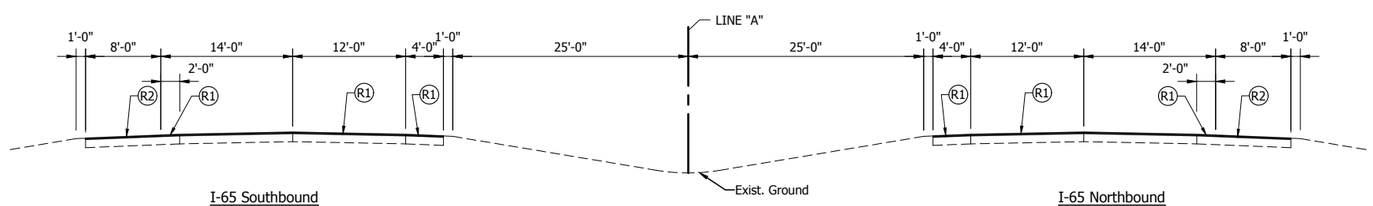


I-65 Southbound

I-65 Northbound

TYPICAL SECTION (RECONSTRUCTION) - VARIABLE WIDTH MEDIAN

2563+12.40 "A" to 2647+62.79 "A"



I-65 Southbound

I-65 Northbound

TYPICAL SECTION (RESURFACING)

RP 64+0.18 to RP 67+0.8 NB
RP 64+0.18 to RP 67+0.5 SB

LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Coarse Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(R) Mill and Resurface - Ramp
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm

(R1) Mill and Resurface - Mainline
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 4, 76, Surface 9.5mm-SMA

(R2) Mill and Resurface - Shoulder
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm-SMA

(W) Variable Depth Shoulder Wedge either:
Recycled Asphalt Pavement (RAP) or
Compacted Aggregate, No. 53

NOTES:
Safety edge per Design Manual Fig. 304-21X required.
JPCP = Jointed Plain Concrete Pavement.

Shoulder Corrugations to be installed at project completion. See Std. Dwg. 606-SHCG-01-02

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RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/8" = 1'-0"	0501212
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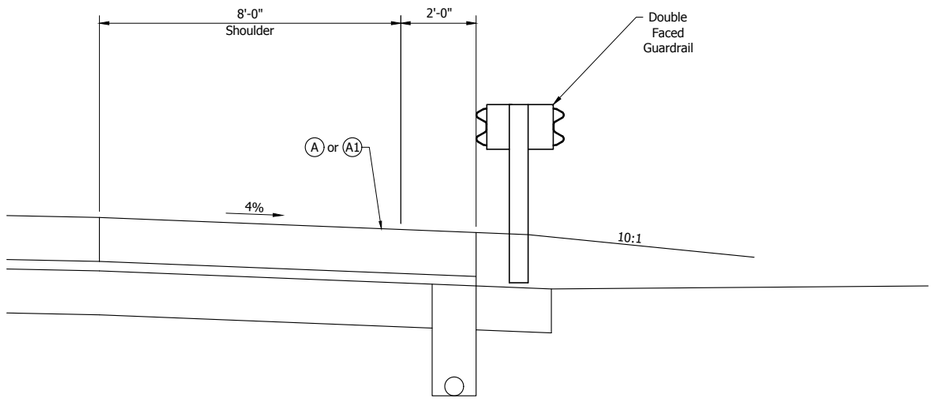
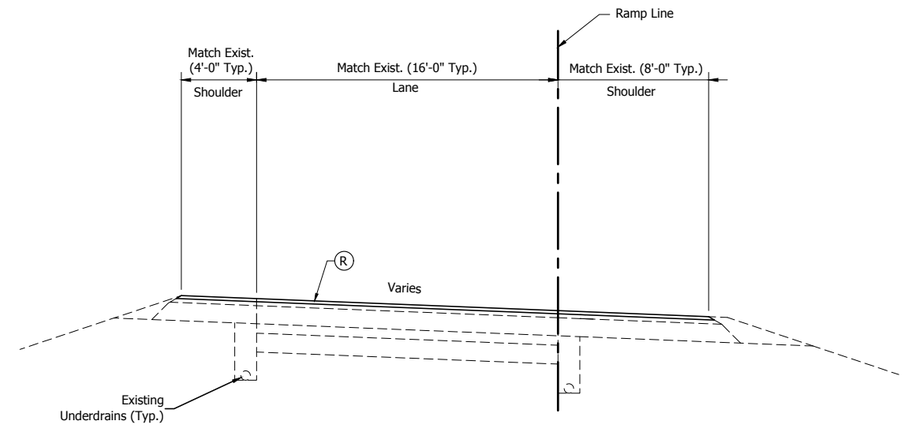
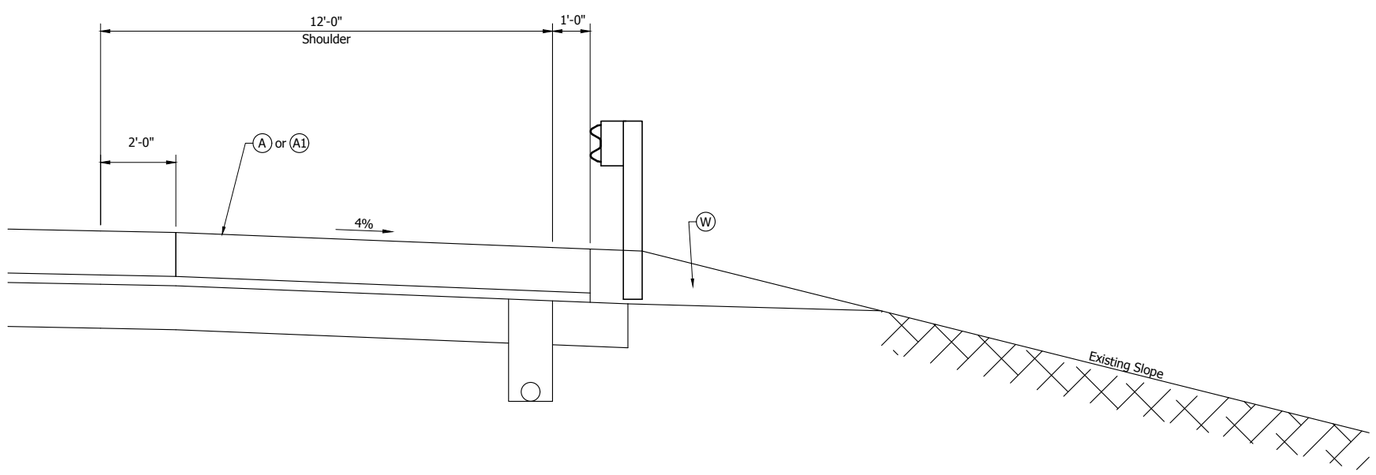


INSIDE SHOULDER WITH GUARDRAIL DETAIL



TYPICAL SECTION RAMP

No Alignments Provided for Stationing - See Locations in Construction Details



OUTSIDE SHOULDER WITH GUARDRAIL DETAIL

LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Coarse Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(R) Mill and Resurface - Ramp
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm

(R1) Mill and Resurface - Mainline
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 4, 76, Surface 9.5mm-SMA

(R2) Mill and Resurface - Shoulder
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm-SMA

(W) Variable Depth Shoulder Wedge either:
Recycled Asphalt Pavement (RAP) or
Compacted Aggregate, No. 53

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I-65
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	0501212
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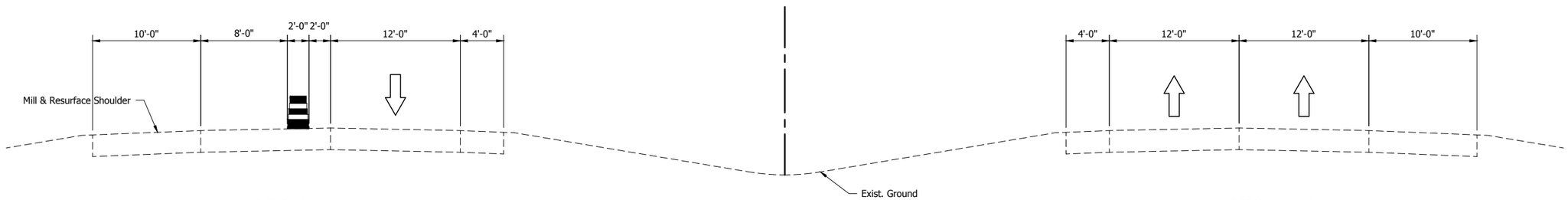
	I-65 Southbound		I-65 Northbound	
	Begin Anchored Barrier	End Anchored Barrier	Begin Anchored Barrier	End Anchored Barrier
CSX Railroad	2226+12.00	2229+43.00	2226+31.00	2229+63.00
Mutten Creek	2284+92.00	2287+62.00	2284+54.00	2287+25.00
I-65 OVW	2414+45.00	2431+24.00	2414+67.00	2431+24.00
I-65 OVF 1	2461+15.00	2466+27.00	2461+53.00	2466+68.00
I-65 OVF 2	2472+84.00	2478+03.00	2473+31.00	2478+50.00
I-65 OVF 3	2480+94.00	2484+37.00	2480+94.00	2484+37.00
L & I RR	2511+68.00	2515+73.00	2512+26.00	2516+30.00
Able Crk	2524+33.00	2526+84.00	2524+33.00	2526+84.00
Smalls Crk	2822+64.00	2825+11.00	2822+87.00	2825+35.00

Applies to Temporary Traffic Barrier, Type 2

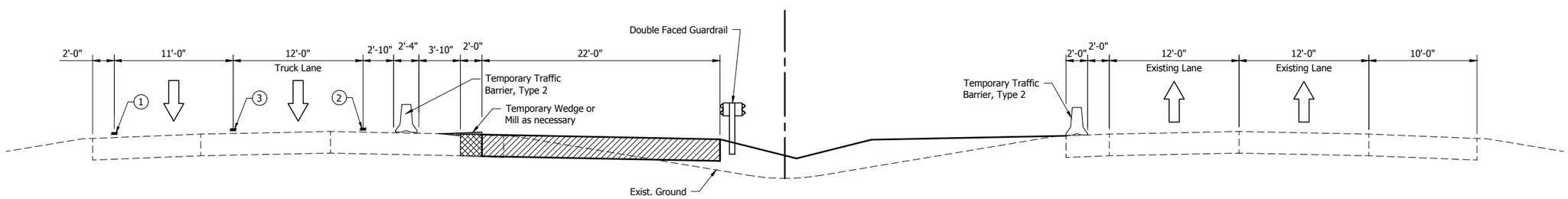


I-65 Southbound

I-65 Northbound

PHASE 1

(NIGHT TIME ONLY CLOSURES ALLOWED)



I-65 Southbound

I-65 Northbound

PHASE 2

Construction Area

HMA for Temporary Pavement:
440 lbs/syd HMA Intermediate, Type D on
605 lbs/syd HMA Base, Type D on
Subgrade Treatment, Type II

1. Temporary Pavement Marking, Solid, White, 4 in.
2. Temporary Pavement Marking, Solid, Yellow, 4 in.
3. Temporary Pavement Marking, Broken, White, 4 in.

Construction Zone Design Speed = 60 mph

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DESIGNED: SRP DRAWN: MAC

CHECKED: BJP CHECKED: BJP

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MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
3/16" = 1'-0"	
VERTICAL SCALE	DESIGNATION
3/16" = 1'-0"	0501212
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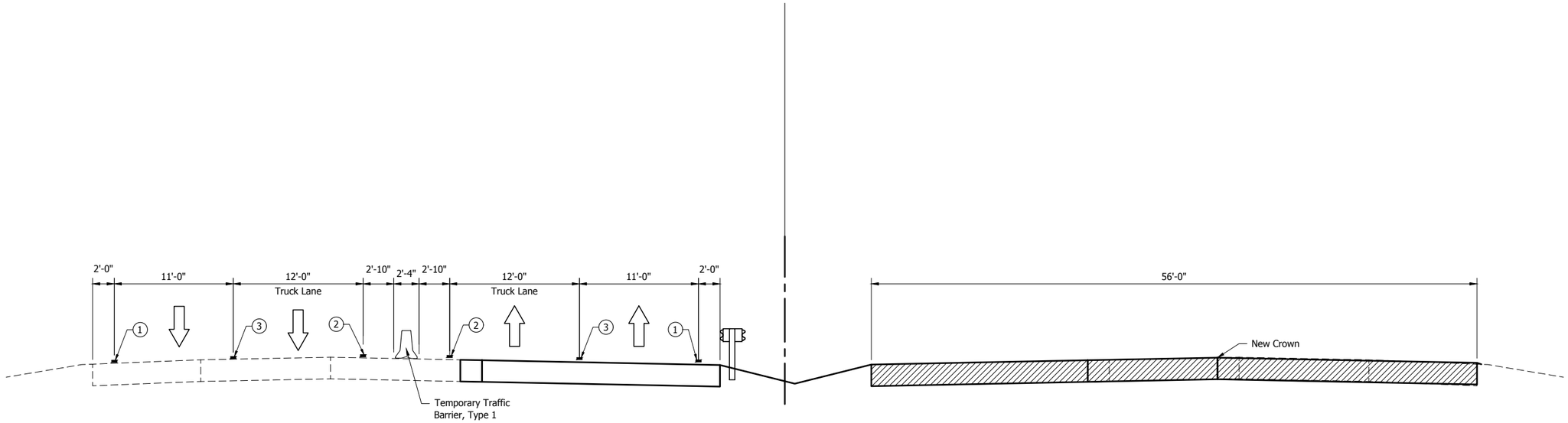
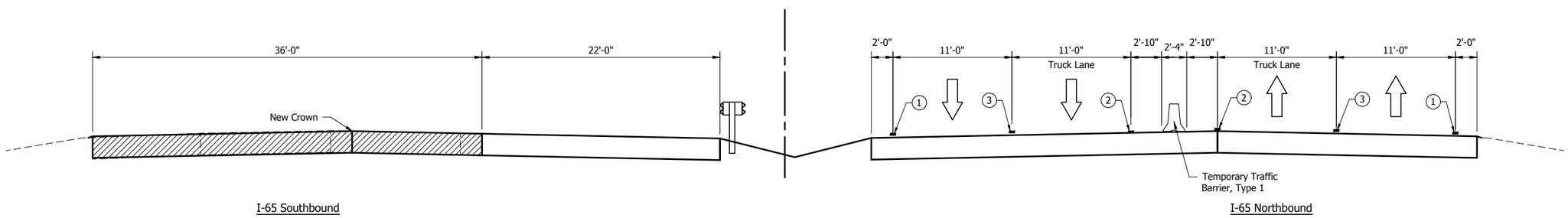


PHASE 3



PHASE 4

Construction Area

HMA for Temporary Pavement:
440 lbs/syd HMA Intermediate, Type D on
605 lbs/syd HMA Base, Type D on
Subgrade Treatment, Type II

1. Temporary Pavement Marking, Solid, White, 4 in.
2. Temporary Pavement Marking, Solid, Yellow, 4 in.
3. Temporary Pavement Marking, Broken, White, 4 in.

Construction Zone Design Speed = 60 mph

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DESIGN ENGINEER DATE

DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
3/16" = 1'-0"	
VERTICAL SCALE	DESIGNATION
3/16" = 1'-0"	0501212
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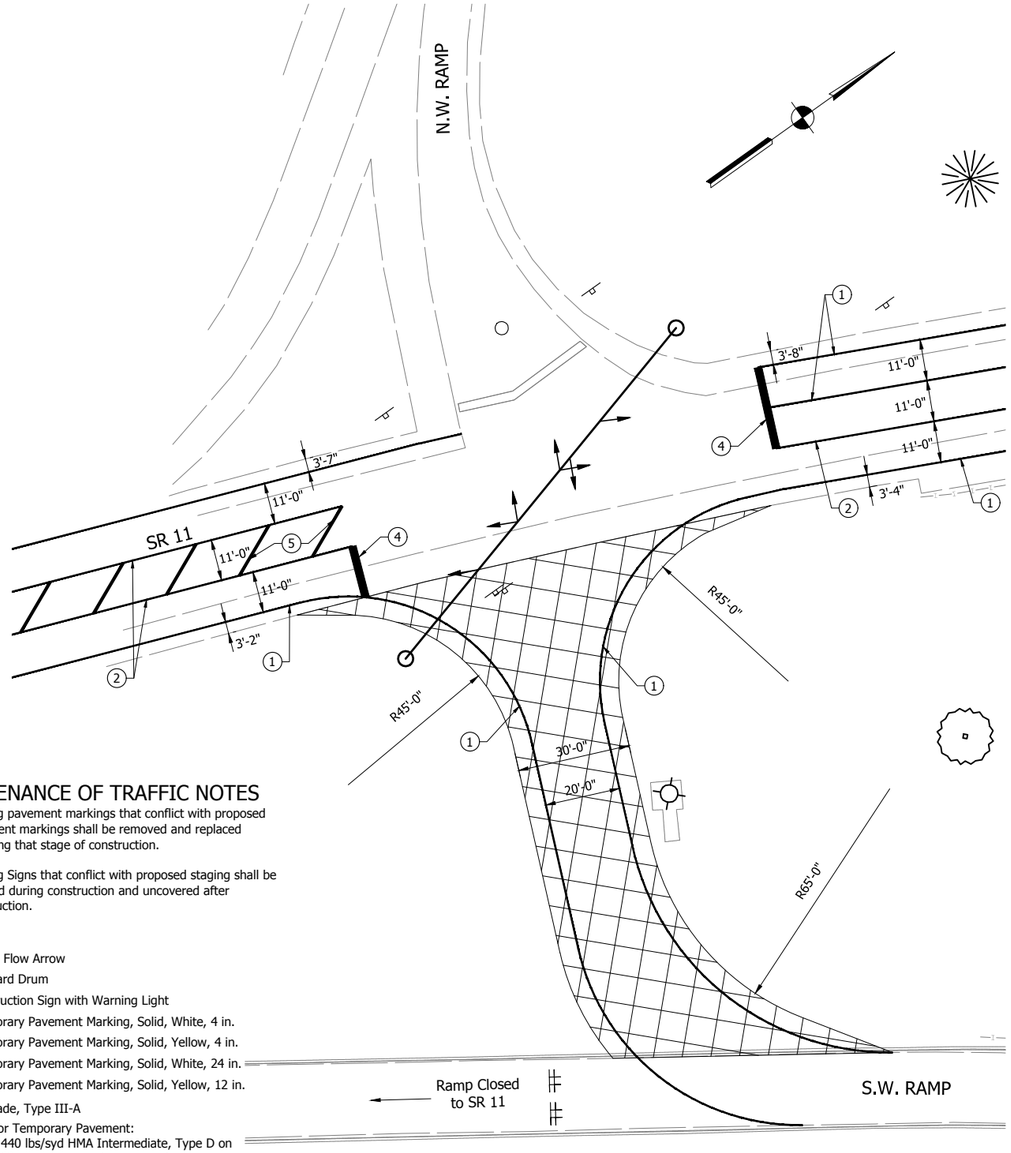

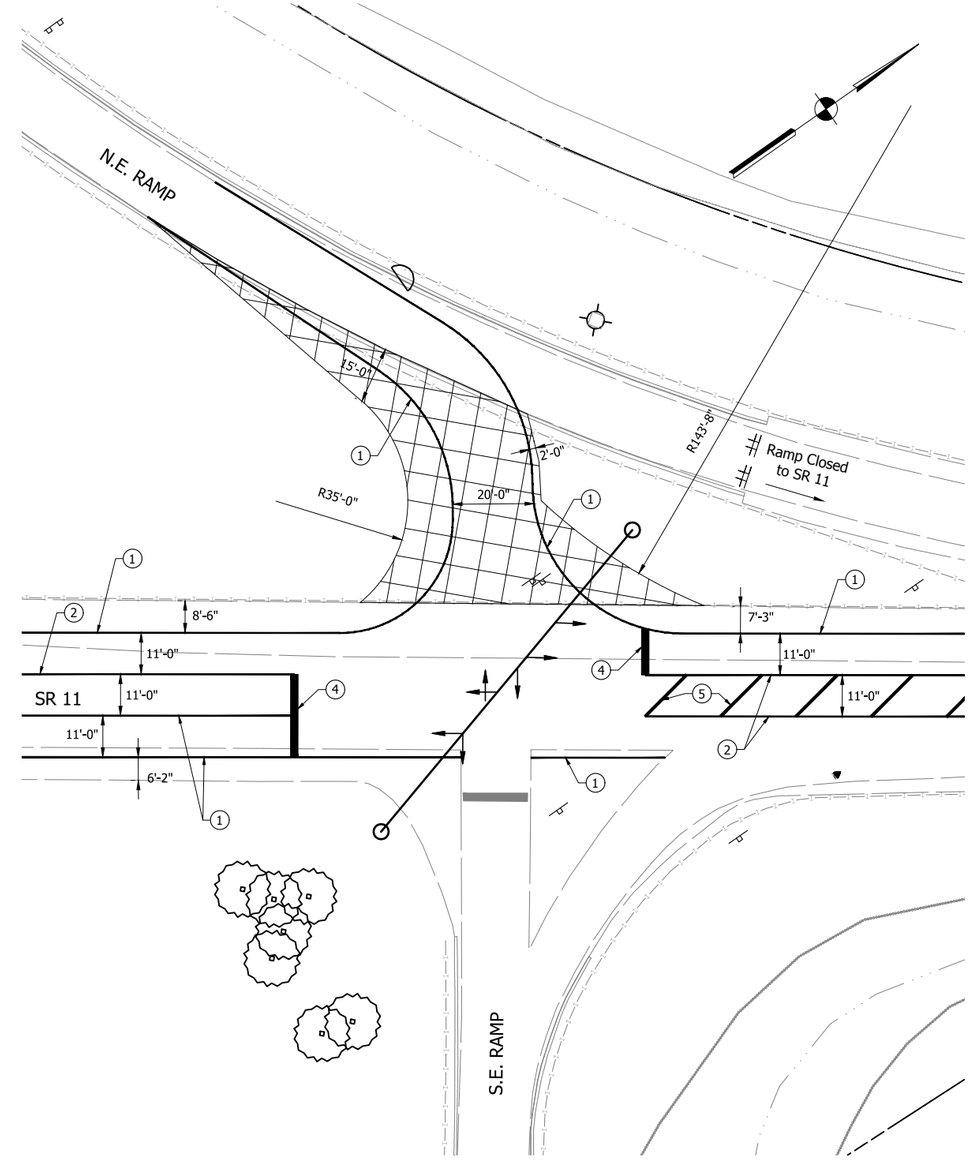

MAINTENANCE OF TRAFFIC NOTES

1. Existing pavement markings that conflict with proposed pavement markings shall be removed and replaced following that stage of construction.
2. Existing Signs that conflict with proposed staging shall be covered during construction and uncovered after construction.

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (4) Temporary Pavement Marking, Solid, White, 24 in.
- (5) Temporary Pavement Marking, Solid, Yellow, 12 in.
- Barricade, Type III-A
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Signal Pole
- Traffic Signal Head, 3 Face, 12 " :
  Red, Amber, Green
- Traffic Signal Head, 4 Face, 12 " :
  Red, Amber, Green, Left Arrow

Design Speed = 55 mph

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Fax 317-895-2596
www.ucindy.com

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

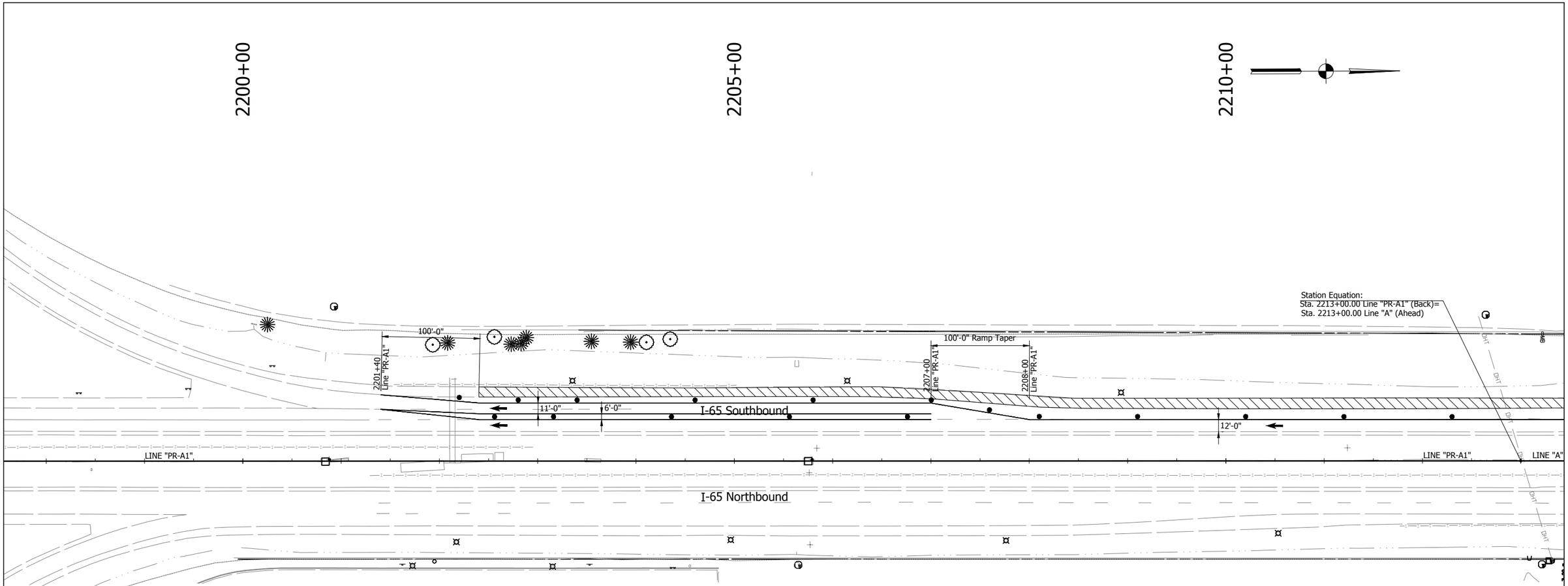
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

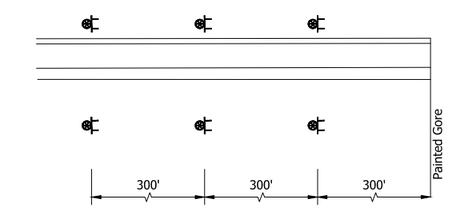
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TEMPORARY SIGNALS - SR 11

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	7 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN\16-465\Road\Dwg\Plans\MOT Signals.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt





XW2-6-A
(78" x 42")

XW20-1
(48" x 48")

XG20-5P
(36" x 24")
XW3-5(60)
(48" x 48")

ENTRANCE RAMP ADVANCE SIGNING
Northbound Ramps Shown, Reverse for Southbound Ramps

MAINTENANCE OF TRAFFIC NOTES

1. Existing pavement markings that conflict with proposed pavement markings shall be removed and replaced following that stage of construction.
2. Existing Signs that conflict with proposed staging shall be covered during construction and uncovered after construction.
3. For temporary crossover information, see INDOT Standard Drawing No. E 801-TCCO-01 to E 801-TCCO-07
4. Maximum Drum Spacing: 80' on tangents
   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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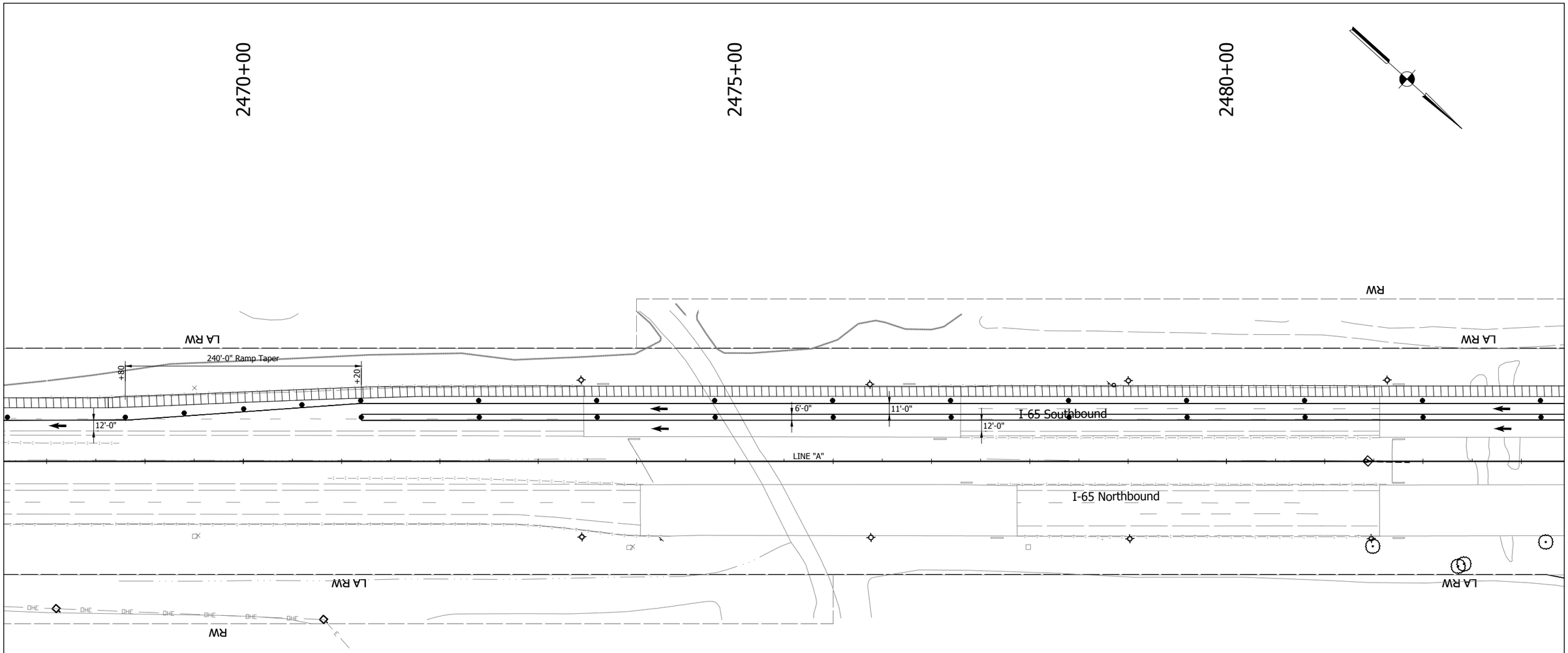
DESIGN ENGINEER DATE

DESIGNED: JRS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	8 of 196
CONTRACT	PROJECT
R-28940	0501212



MAINTENANCE OF TRAFFIC NOTES

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   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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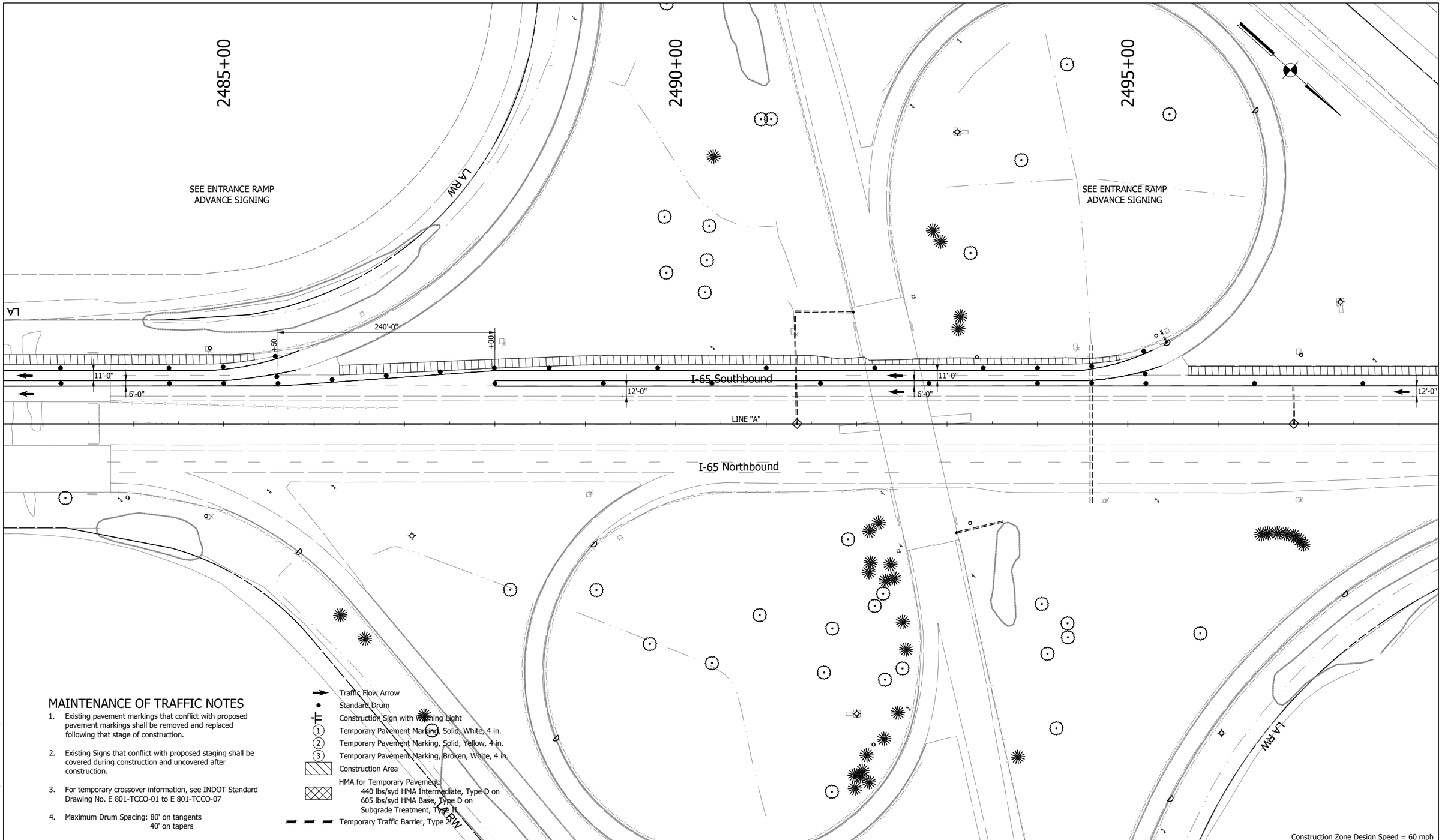
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	9 of 196
CONTRACT	PROJECT
R-28940	0501212



MAINTENANCE OF TRAFFIC NOTES

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   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

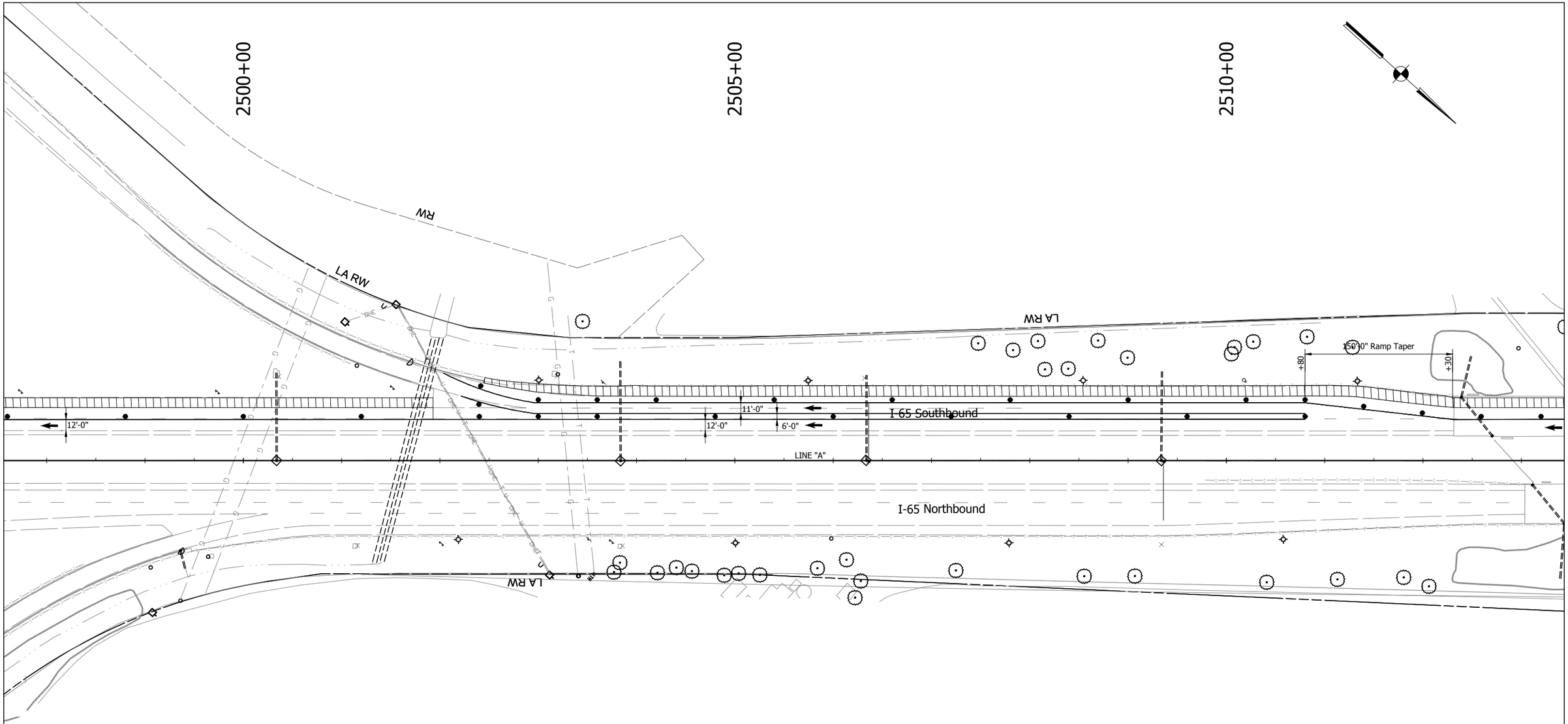
DESIGNED: JRS | DRAWN: MAC
CHECKED: BJP | CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	10 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDFS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\MOT Details 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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4. Maximum Drum Spacing: 80' on tangents
   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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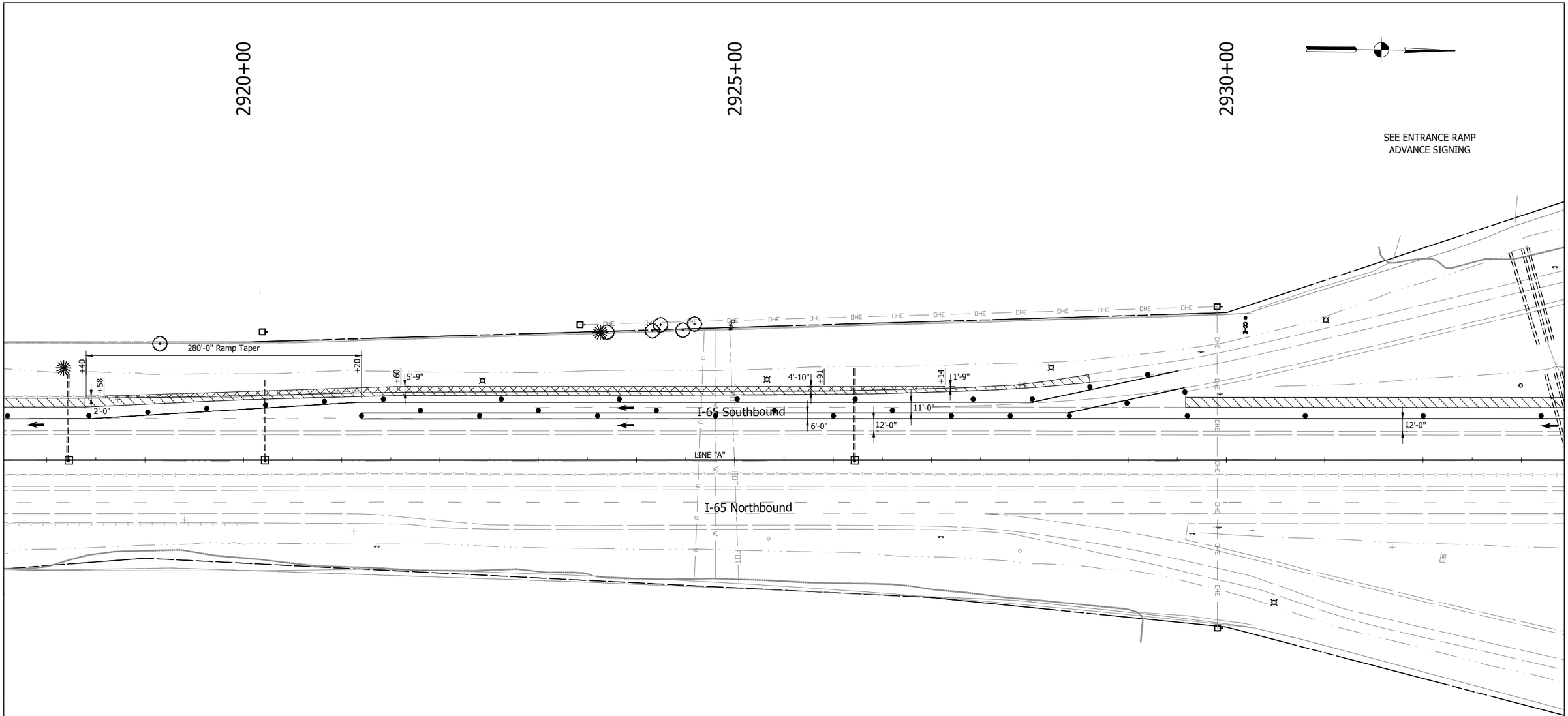
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	11 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\CSD\VIK\15-465\Road\Dwg\Plans\MOT Details 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



MAINTENANCE OF TRAFFIC NOTES

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   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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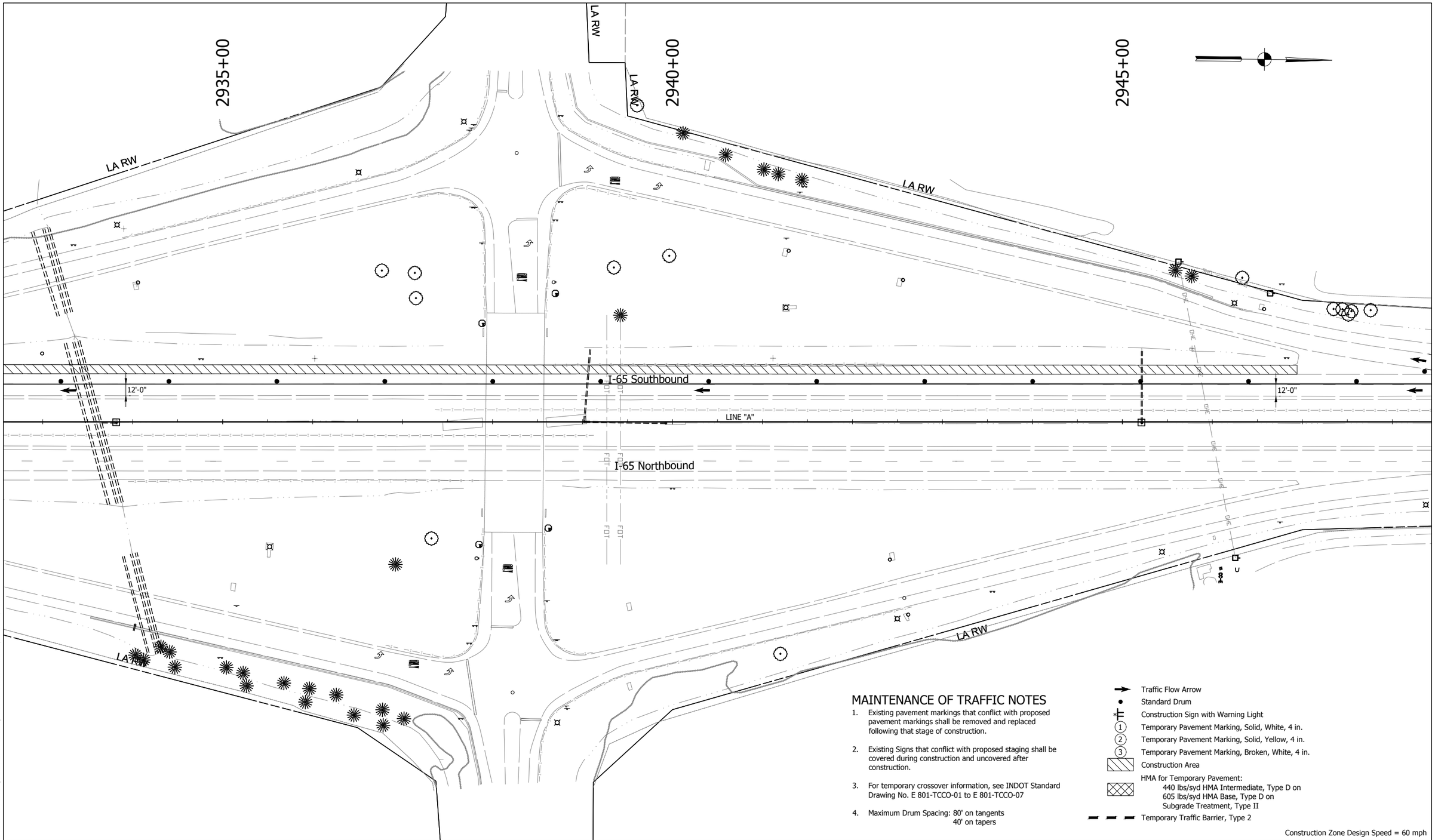
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	12 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\IN\16-465\Road\Dwg\Plans\MOT Details 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



MAINTENANCE OF TRAFFIC NOTES

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3. For temporary crossover information, see INDOT Standard Drawing No. E 801-TCCO-01 to E 801-TCCO-07
4. Maximum Drum Spacing: 80' on tangents
   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

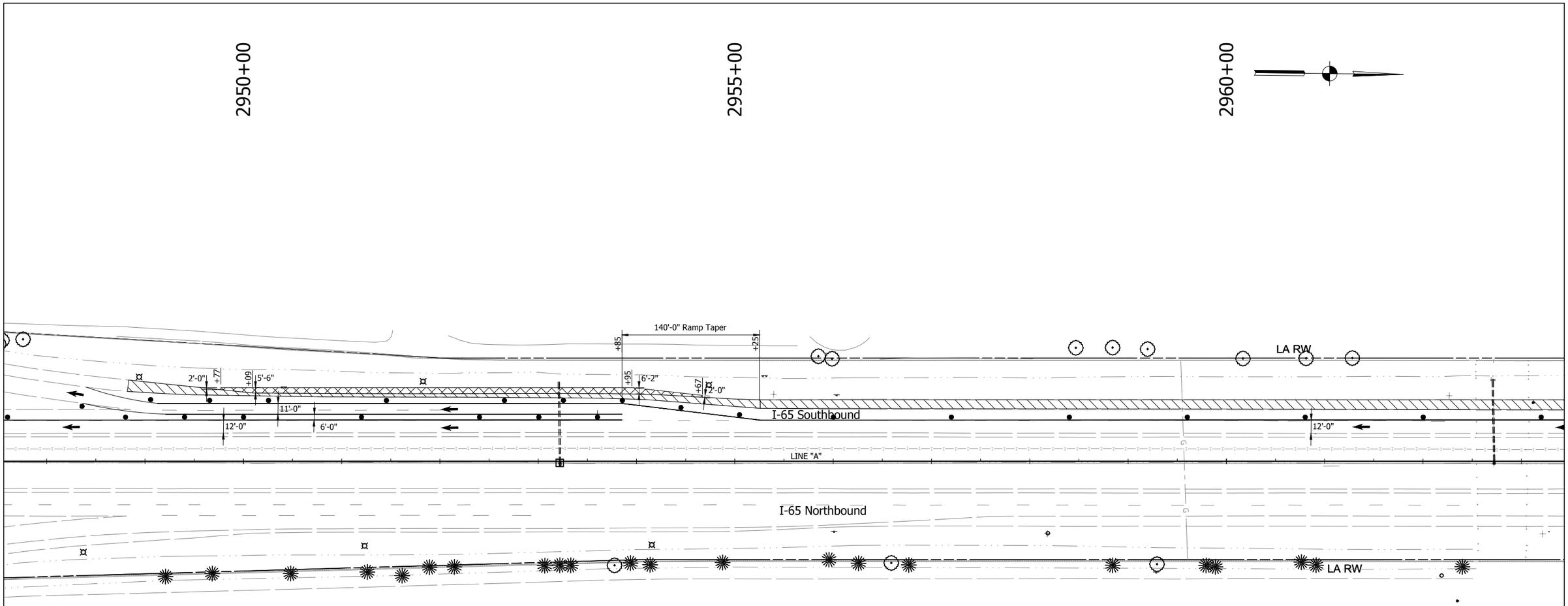
DESIGNED: JRS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	13 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN16-465\Road\Dwg\Plans\MOT Details 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



MAINTENANCE OF TRAFFIC NOTES

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   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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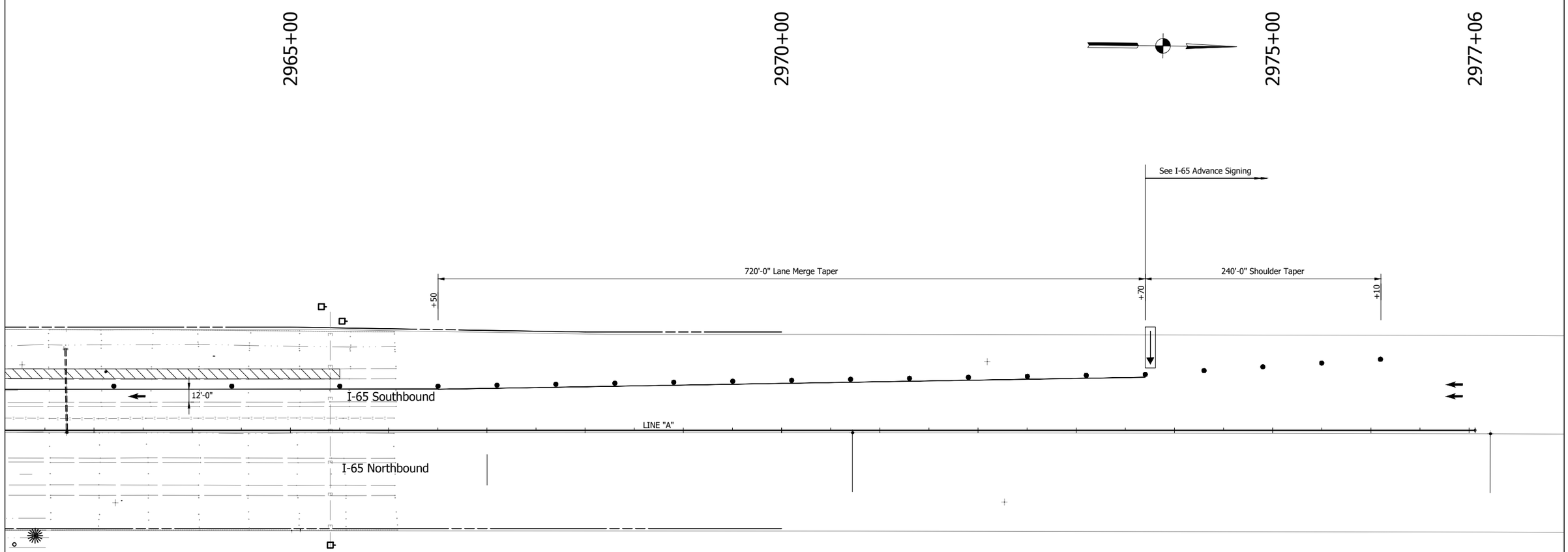
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

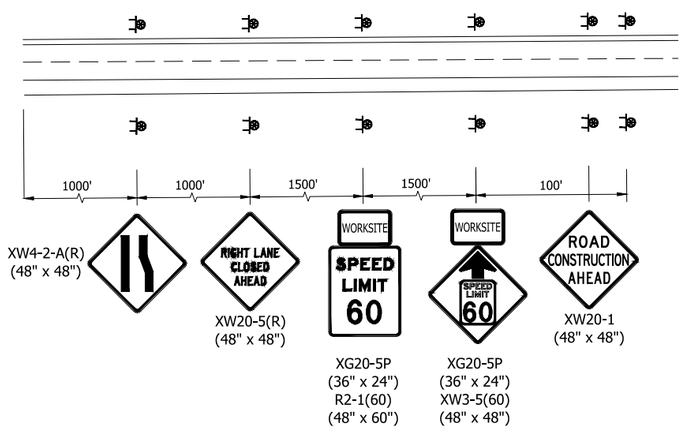
DESIGNED: JRS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	14 of 196
CONTRACT	PROJECT
R-28940	0501212





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- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2

Construction Zone Design Speed = 60 mph

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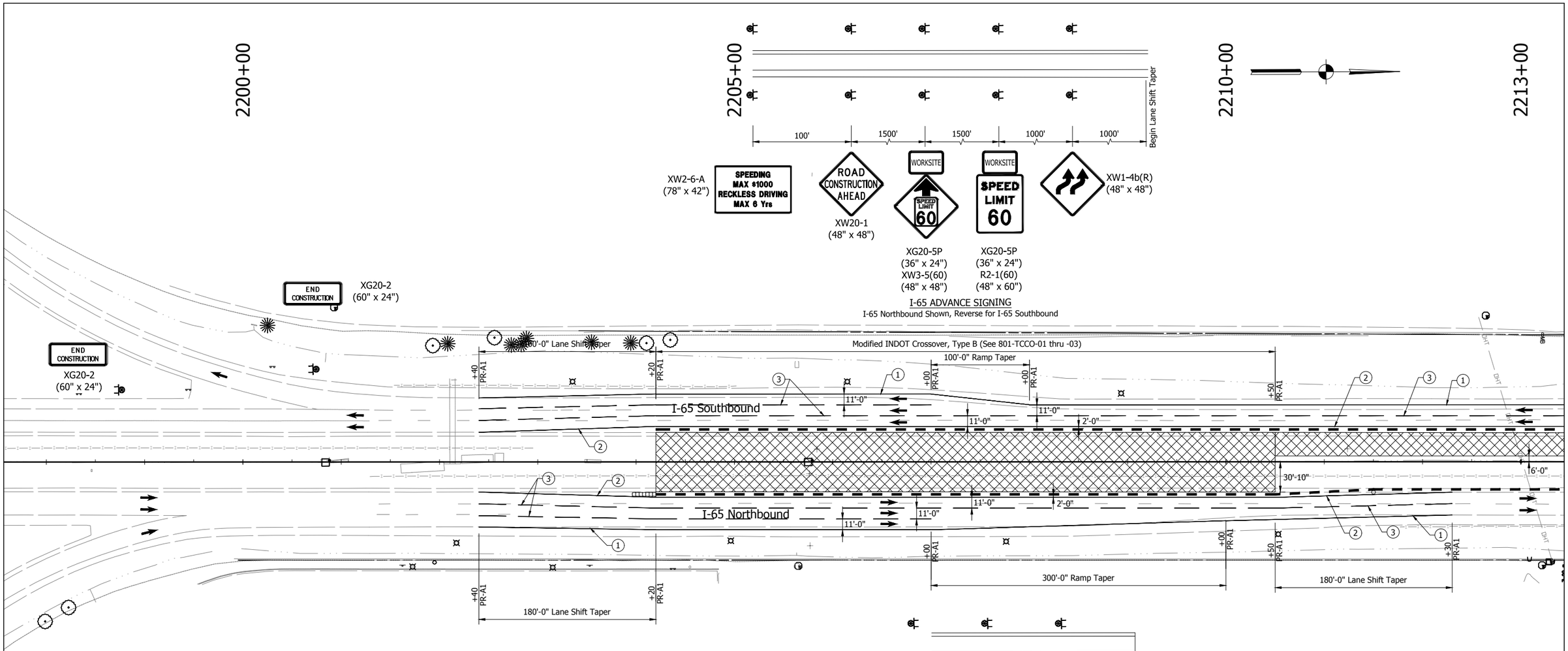
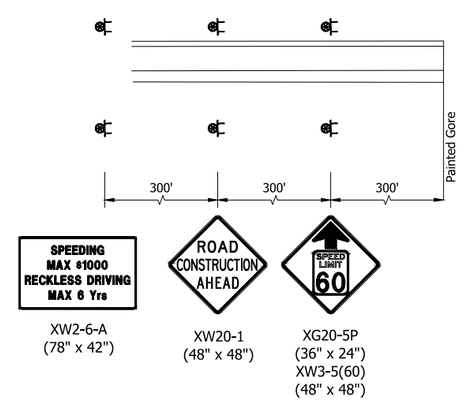
MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	15 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSIMFS\Road1Proj\CSD\MK16-465\Road\Dwg\Plans\MOT Details 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



SEE ENTRANCE RAMP
ADVANCE SIGNING



I-65 ADVANCE SIGNING
I-65 Northbound Shown, Reverse for I-65 Southbound

ENTRANCE RAMP ADVANCE SIGNING
Northbound Ramps Shown, Reverse for Southbound Ramps

MAINTENANCE OF TRAFFIC NOTES

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- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored

Construction Zone Design Speed = 60 mph

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RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

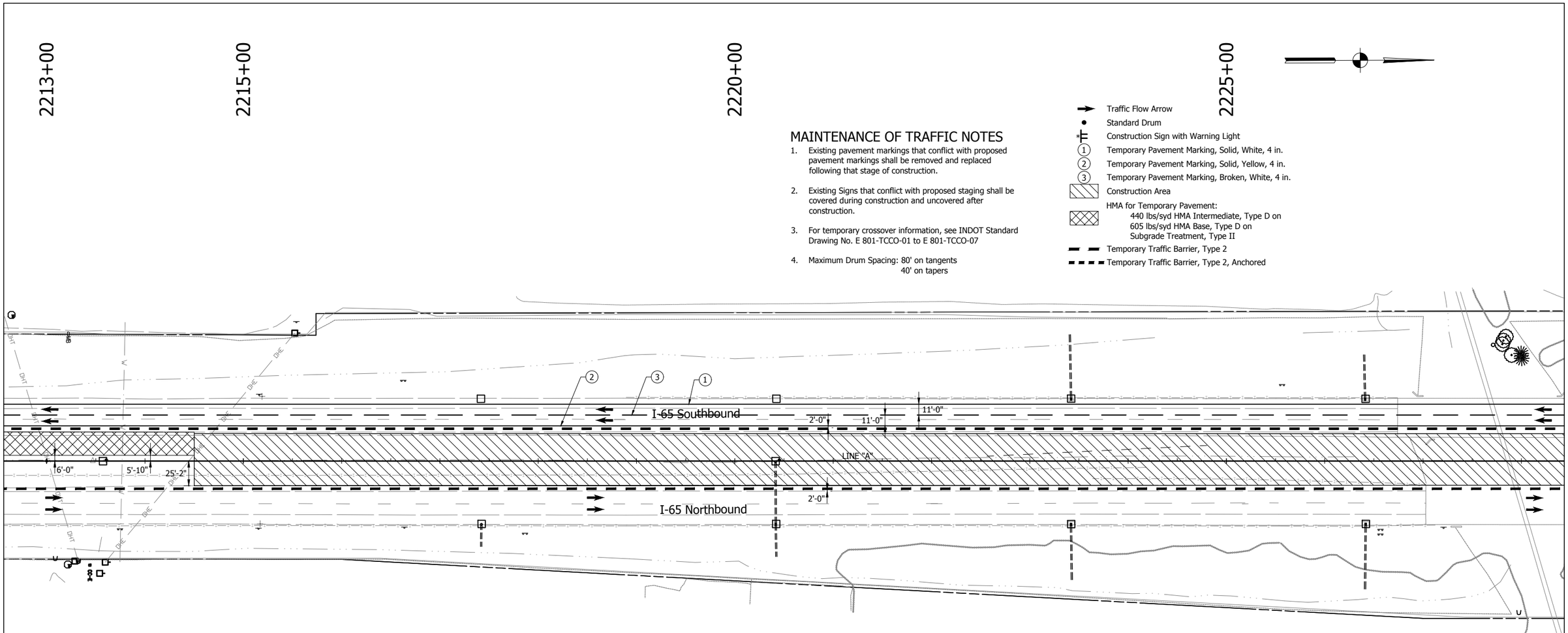
DESIGNED: JRS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	16 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1\Proj\CSD\PK16-465\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
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  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored

Construction Zone Design Speed = 60 mph

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RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

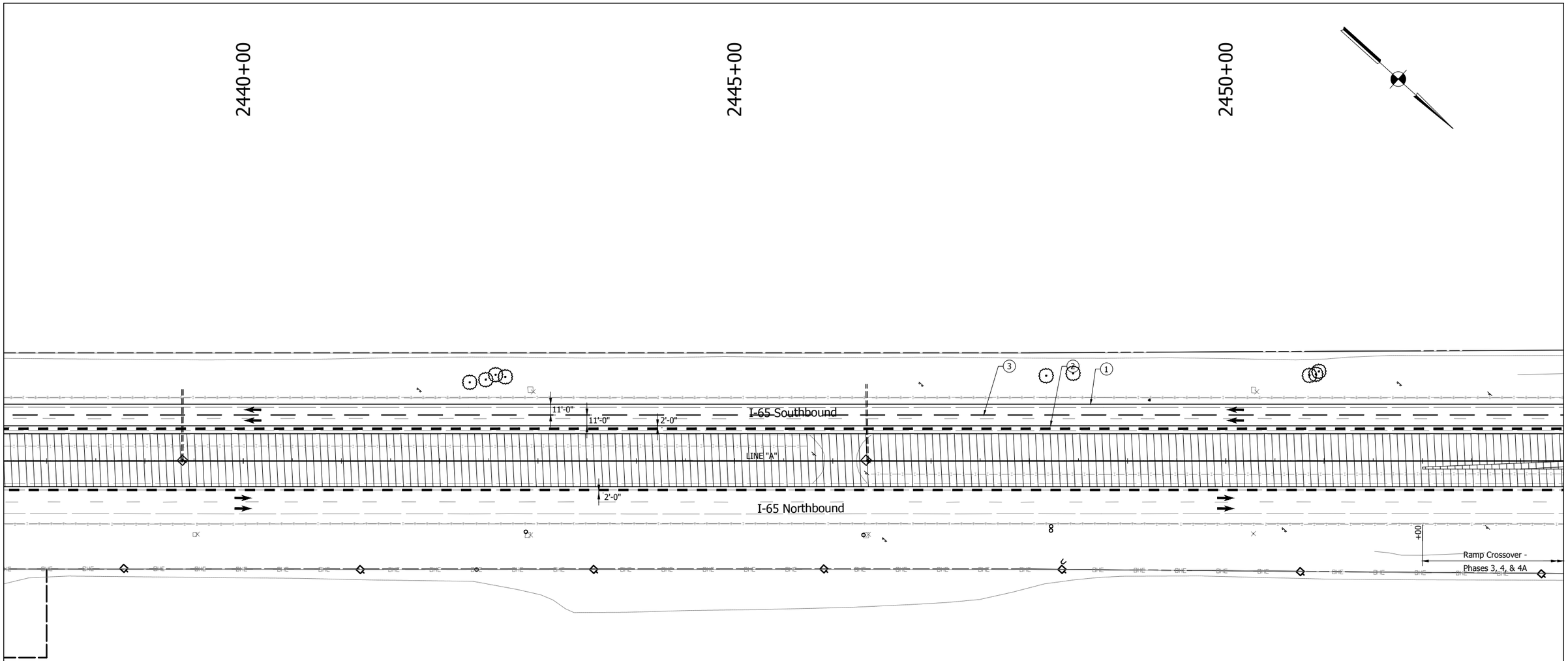
DESIGNED: JRS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFICE
PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	17 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN\I65-465\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored

Construction Zone Design Speed = 60 mph

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DESIGN ENGINEER DATE

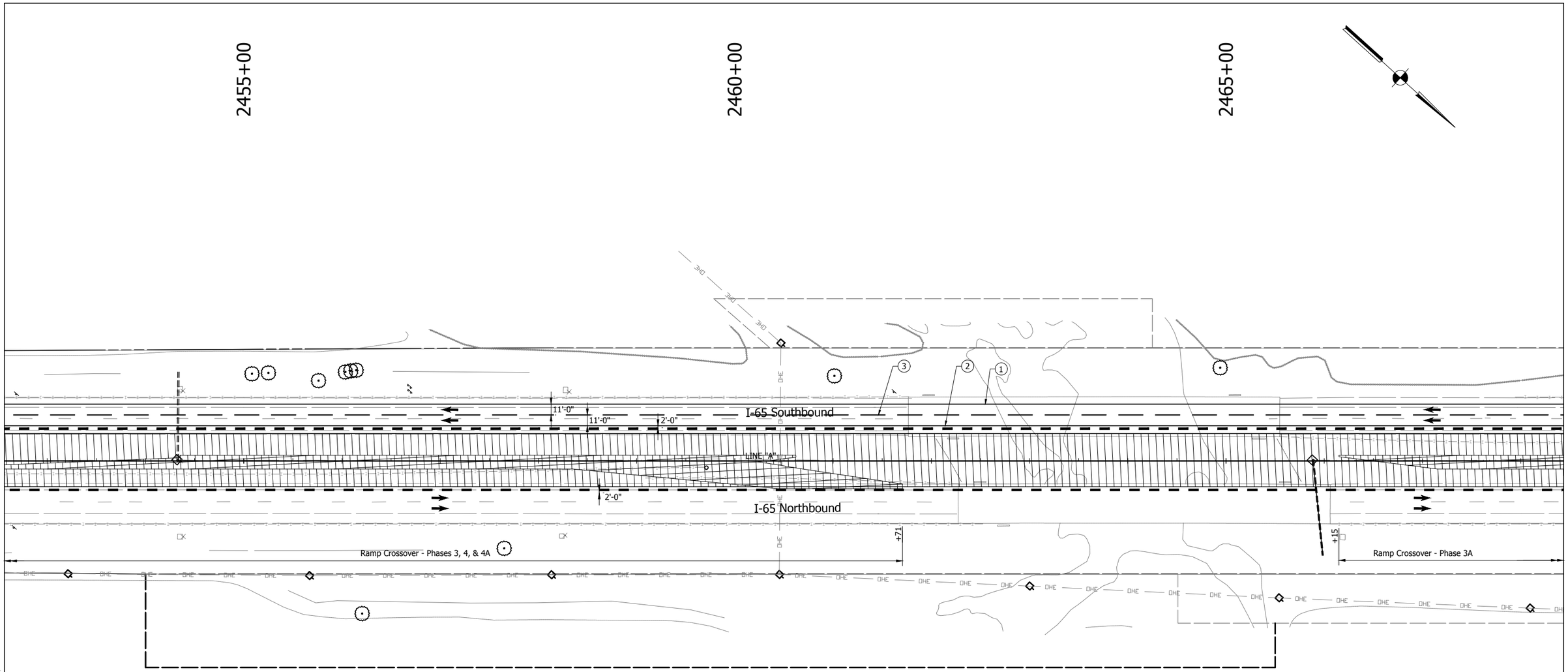
DESIGNED: JRS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFICE
PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	18 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\IN\I65-465\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



Construction Zone Design Speed = 60 mph

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MAINTENANCE OF TRAFFICE
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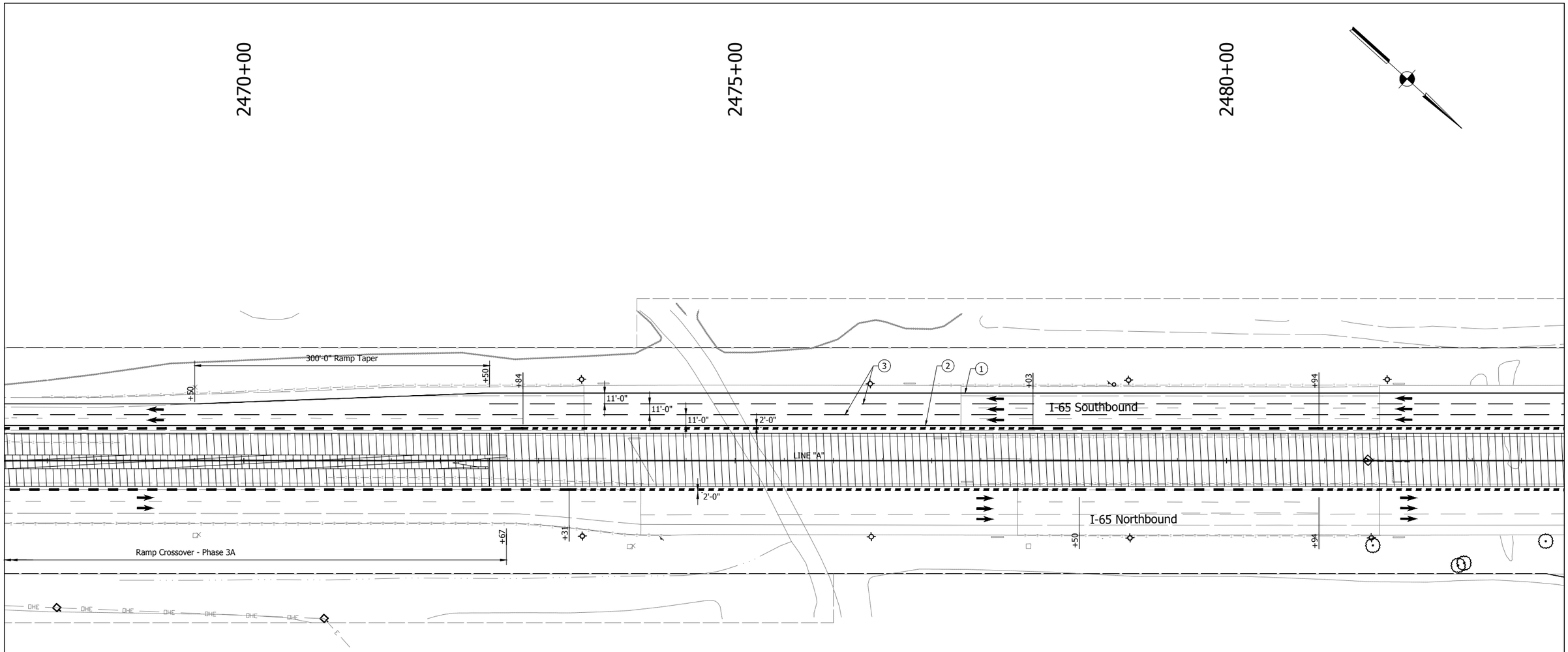
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	19 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C3D\MK15-465\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



MAINTENANCE OF TRAFFIC NOTES

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4. Maximum Drum Spacing: 80' on tangents
   40' on tapers

- Traffic Flow Arrow
- Standard Drum
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored

Construction Zone Design Speed = 60 mph

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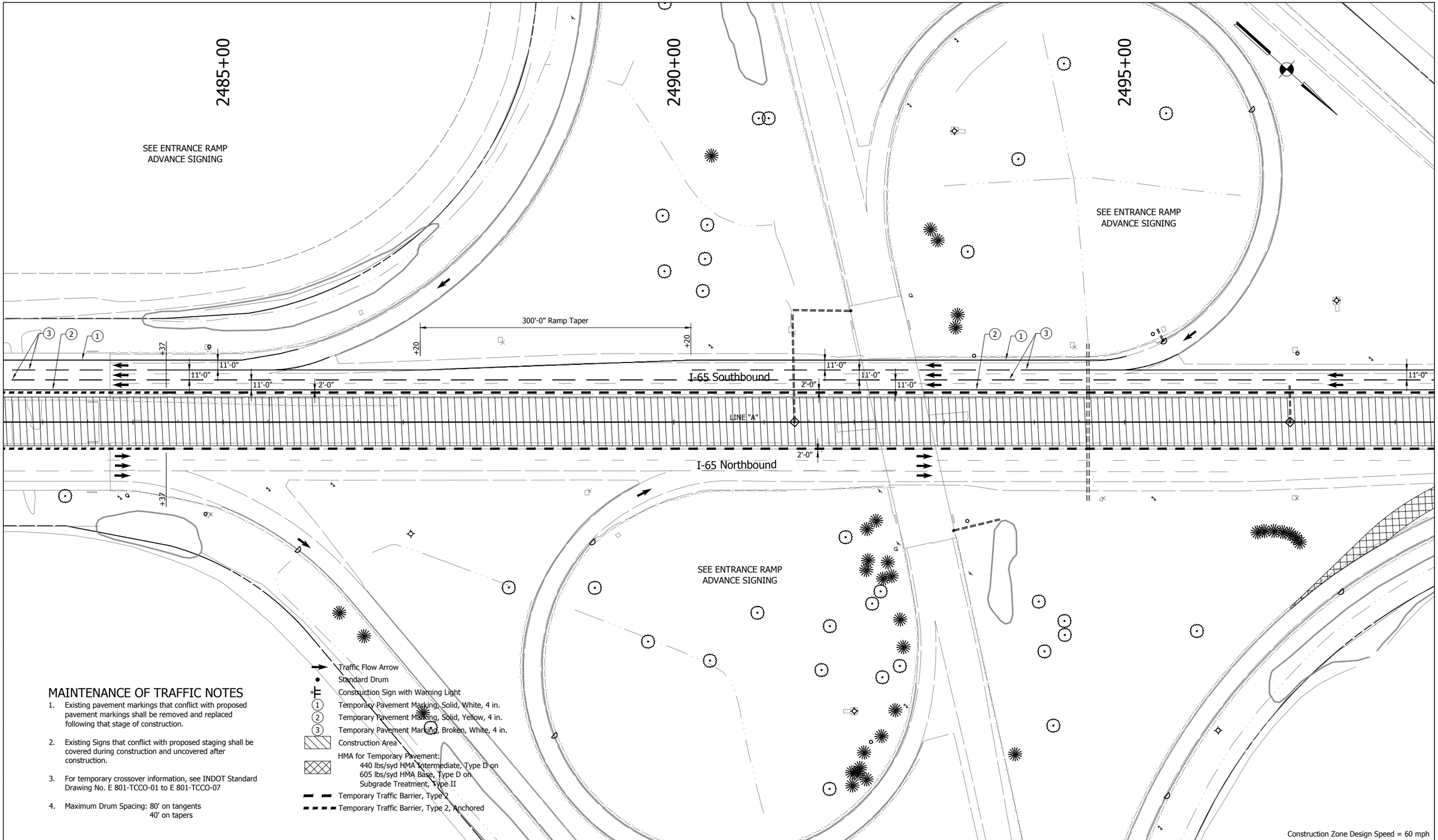
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	20 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road Proj\C3D\WK16-65\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crosland, Matt



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MAINTENANCE OF TRAFFIC
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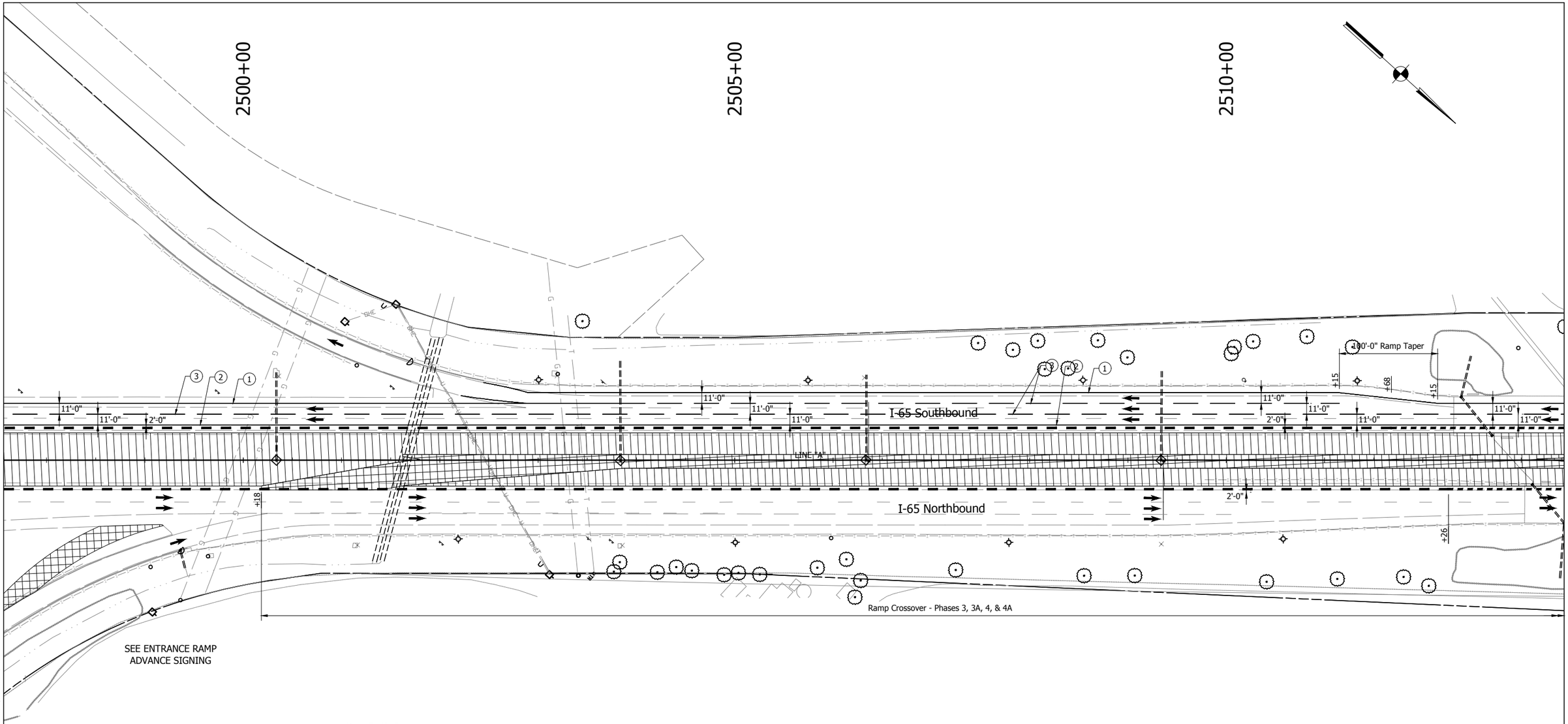
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	21 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSQHFS\Road1Proj\C30\MK16-465\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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Construction Zone Design Speed = 60 mph

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1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	22 of 196
CONTRACT	PROJECT
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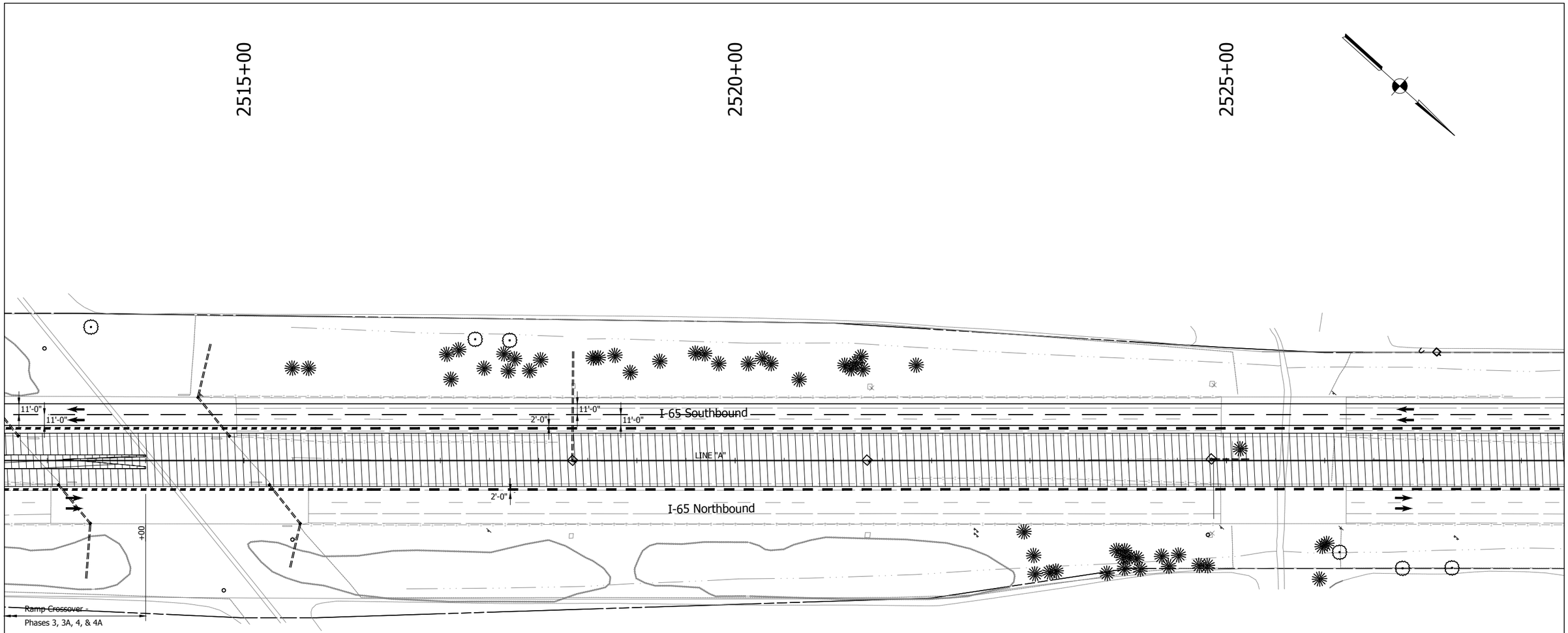

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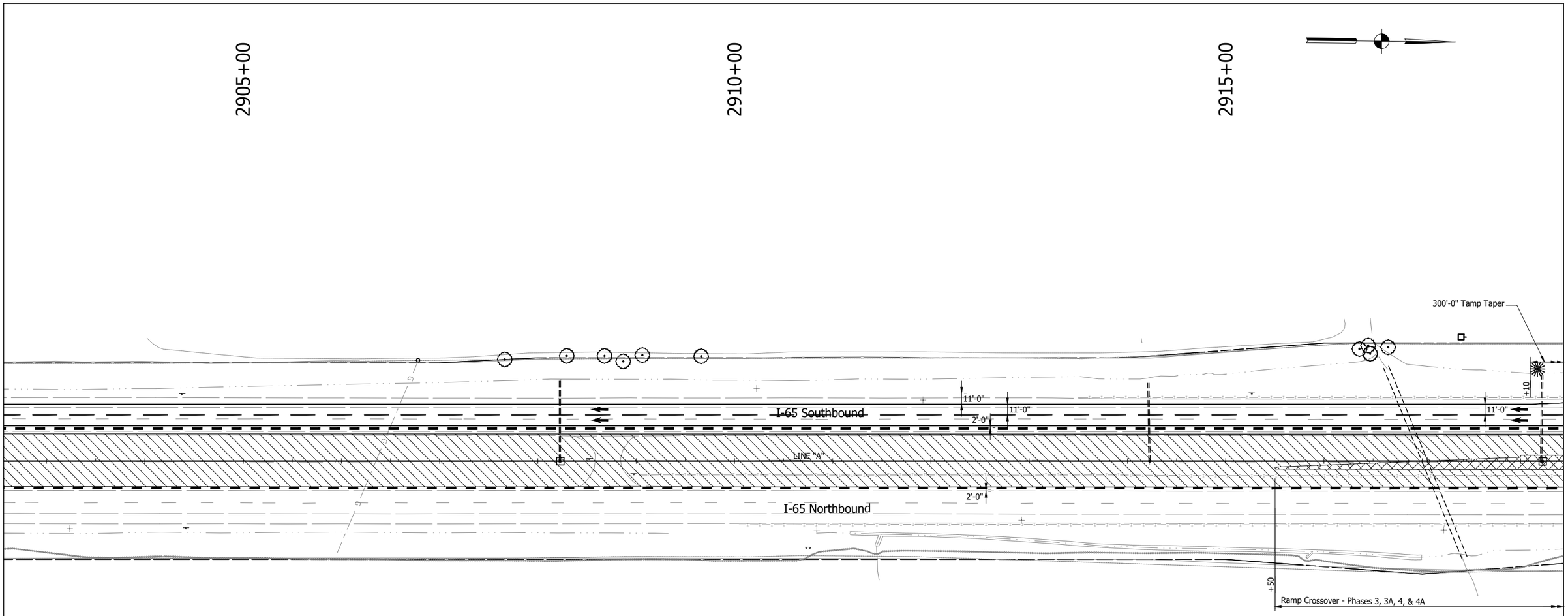
MAINTENANCE OF TRAFFICE
PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	23 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN\I65-I65\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	24 of 196
CONTRACT	PROJECT
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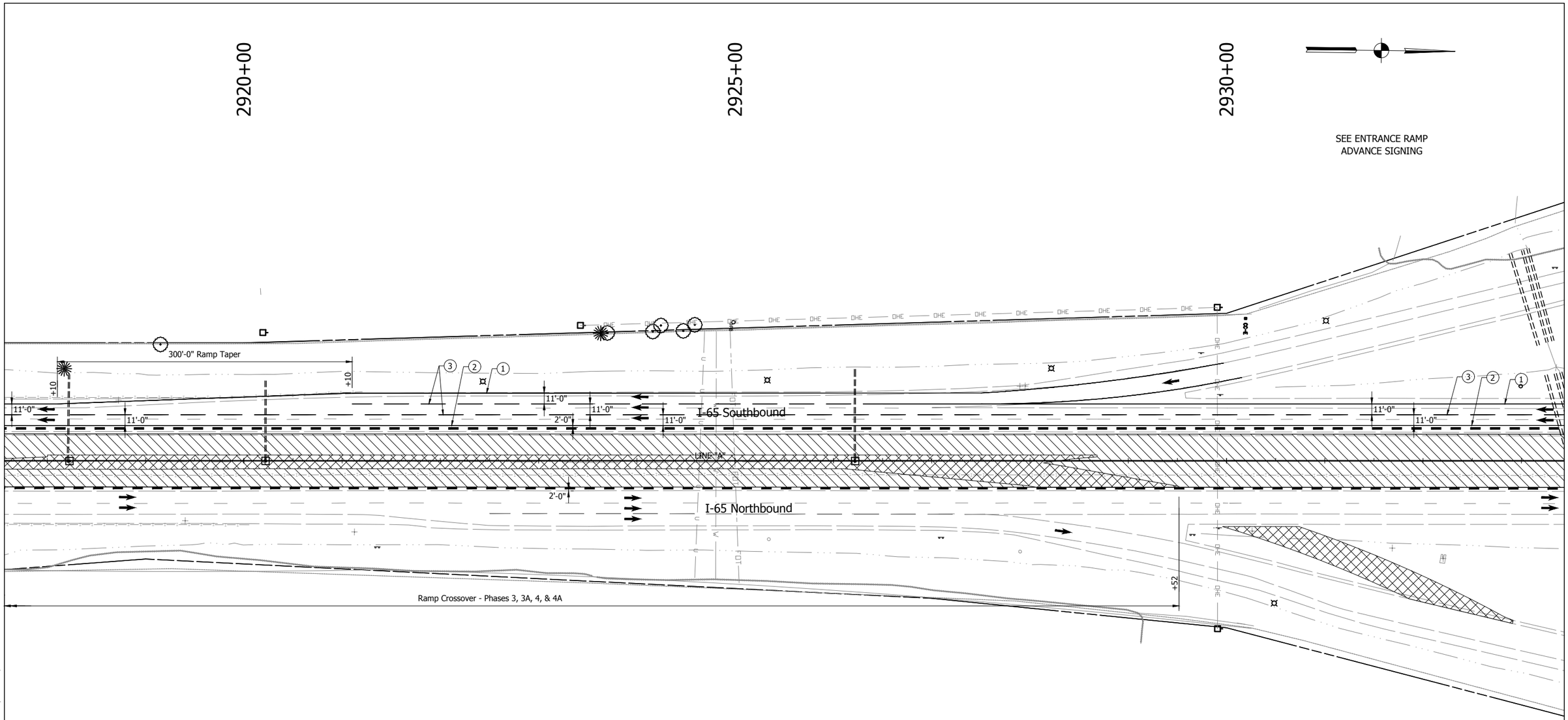

XG20-2
(60" x 24")

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MAINTENANCE OF TRAFFIC
PHASE 2

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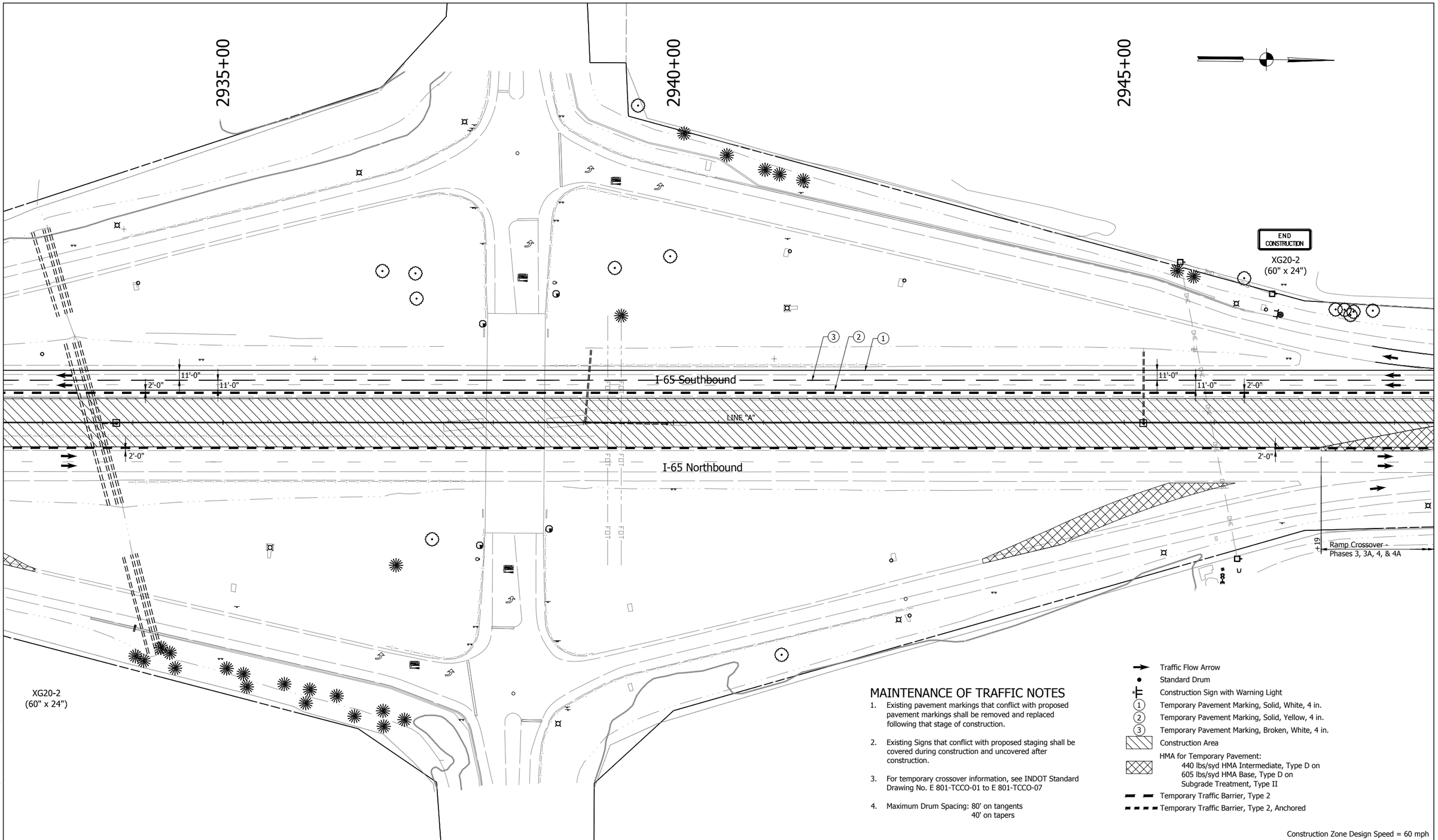
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	25 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDMFS\Road\Proj\C3D\MK16-465\Road\Dwg\Plans\MOT Details 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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PHASE 2

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1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	26 of 196
CONTRACT	PROJECT
R-28940	0501212

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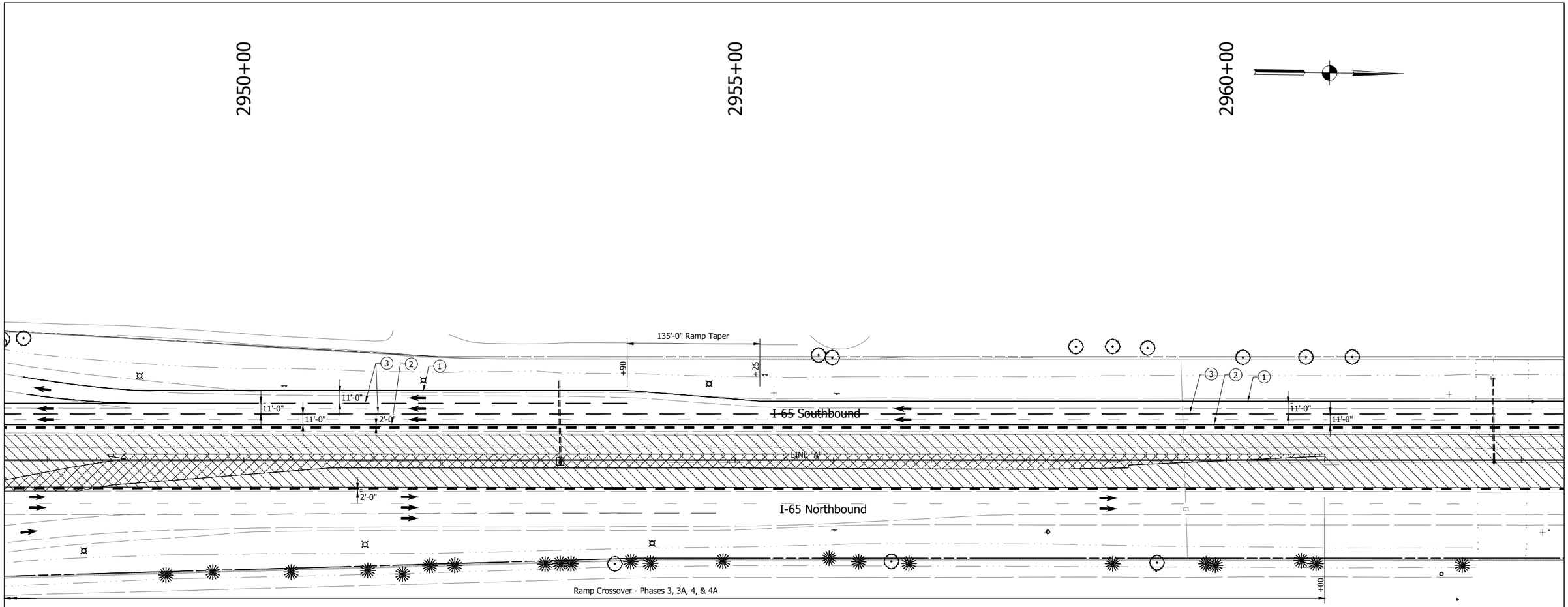

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MAINTENANCE OF TRAFFIC
PHASE 2

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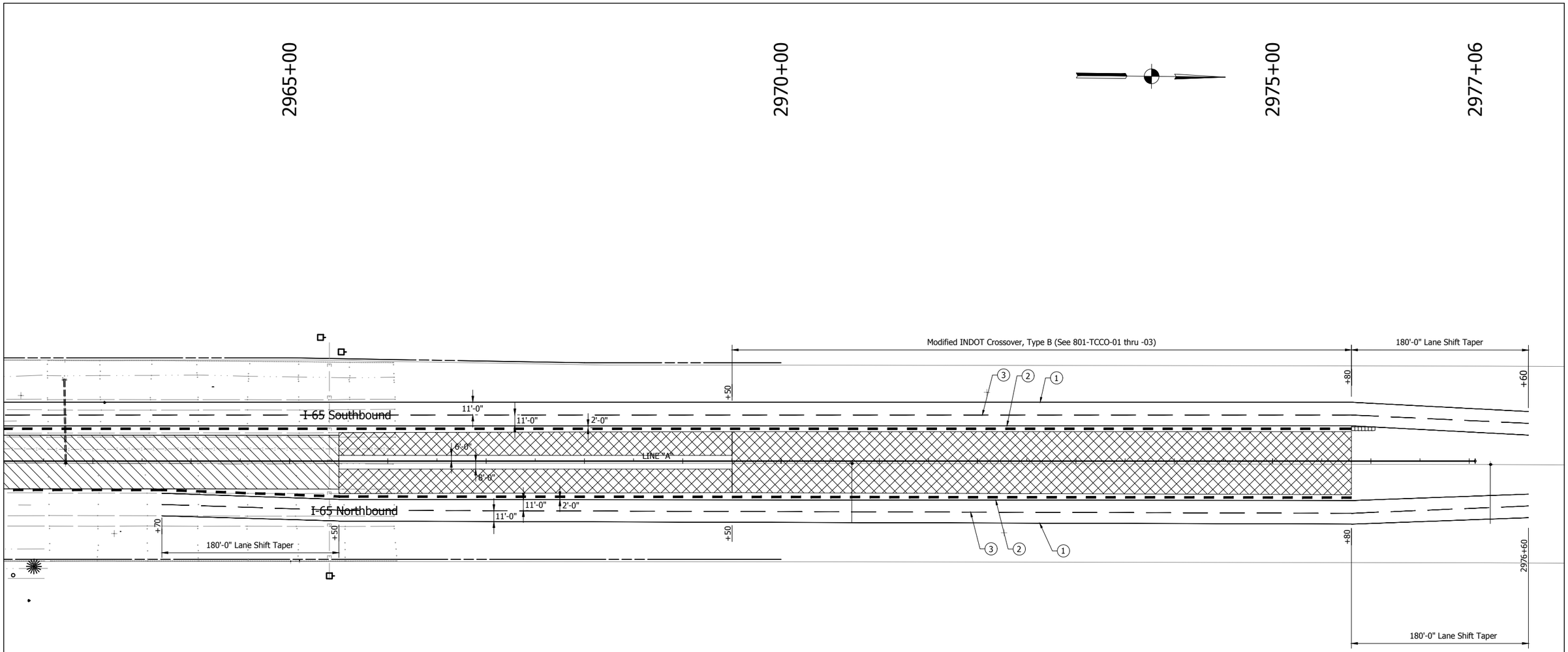
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	27 of 196
CONTRACT	PROJECT
R-28940	0501212



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MAINTENANCE OF TRAFFIC
PHASE 2

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1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	28 of 196
CONTRACT	PROJECT
R-28940	0501212

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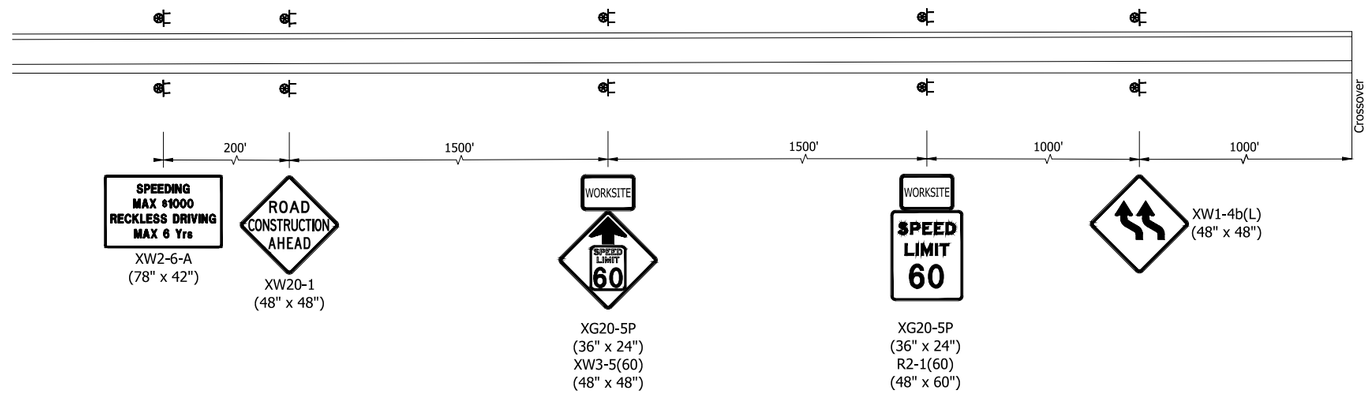
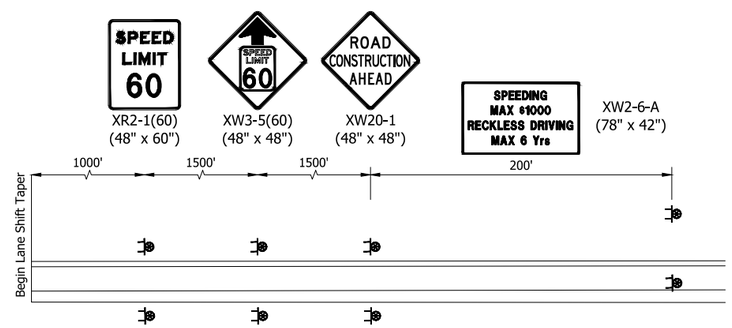
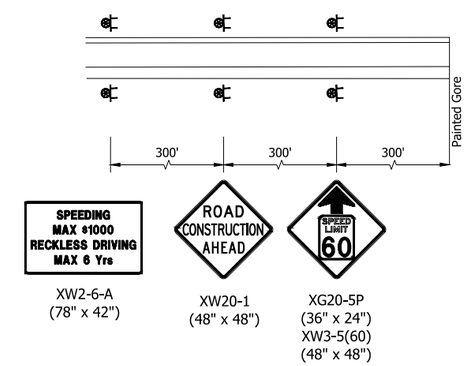


I-65 NORTHBOUND ADVANCE SIGNING



I-65 SOUTHBOUND ADVANCE SIGNING



ENTRANCE RAMP ADVANCE SIGNING

Northbound Ramps Shown, Reverse for Southbound Ramps

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- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
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- Temporary Traffic Barrier, Type 2, Anchored
- Temporary Traffic Barrier, Type 1

Construction Zone Design Speed = 60 mph

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DESIGNED: BWS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
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MAINTENANCE OF TRAFFIC
PHASE 3 ADVANCE SIGNING

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	29 of 196
CONTRACT	PROJECT
R-28940	0501212

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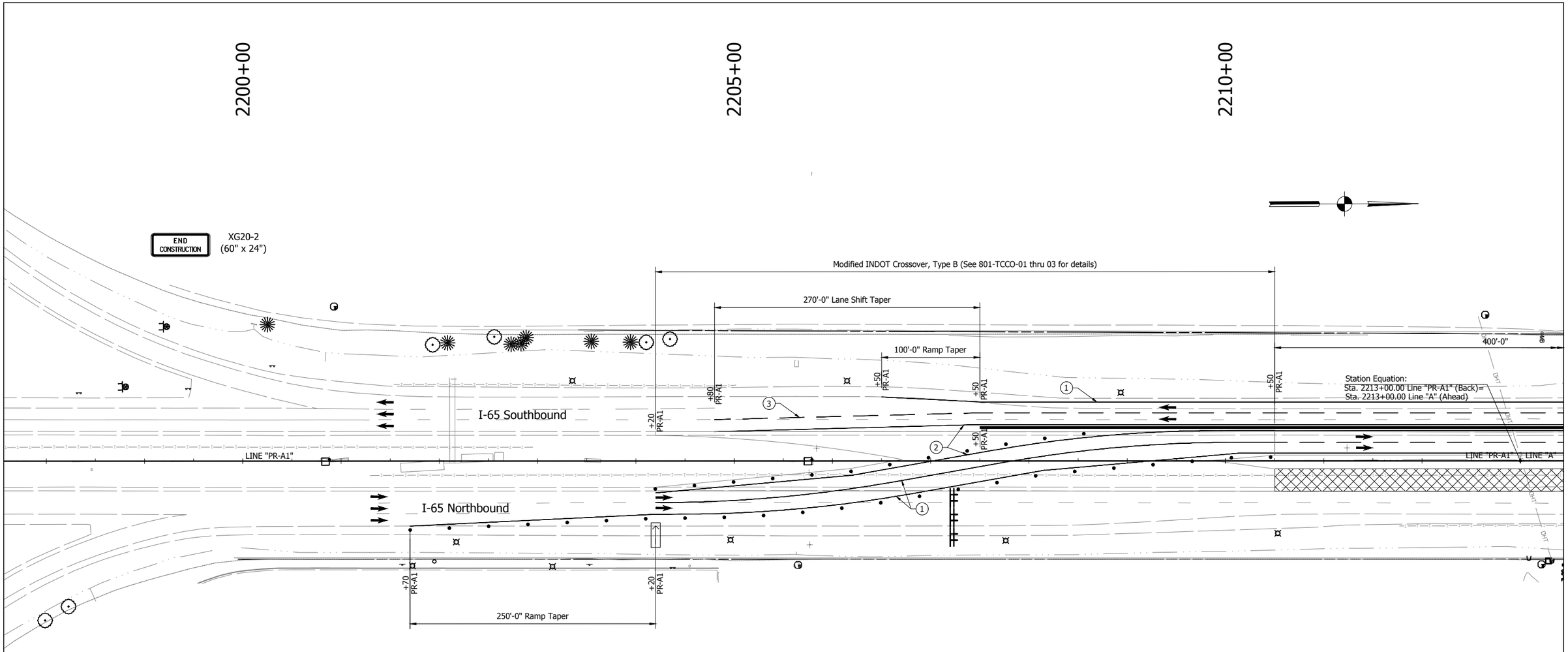

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MAINTENANCE OF TRAFFIC
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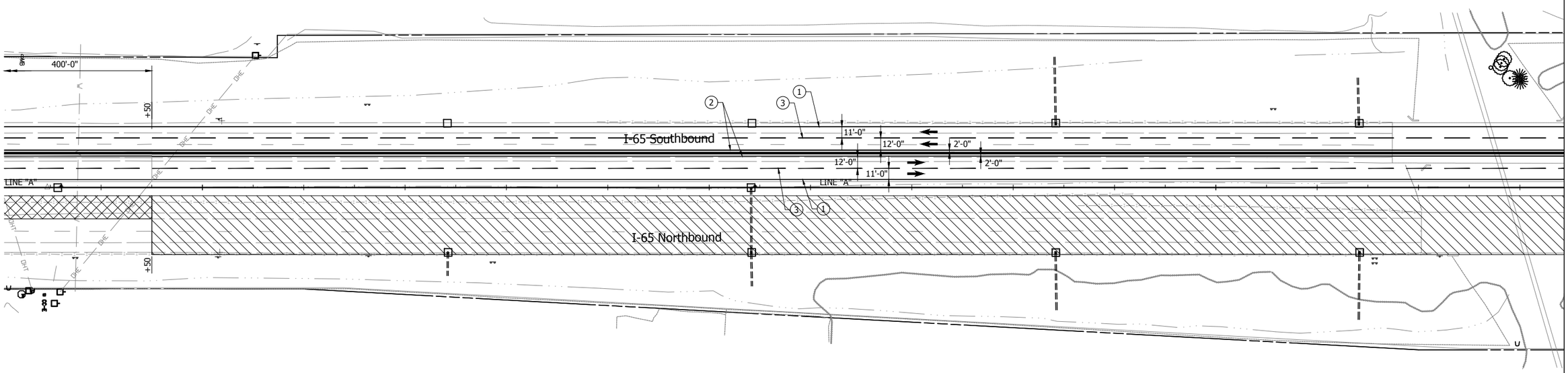
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	30 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSHFS\Road\Proj\C3D\PK16-465\Road\Dwg\Plans\MOT Details 3.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



MAINTENANCE OF TRAFFIC NOTES

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4. Maximum Drum Spacing: 80' on tangents
   40' on tapers

- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored
- Temporary Traffic Barrier, Type 1

Construction Zone Design Speed = 60 mph

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

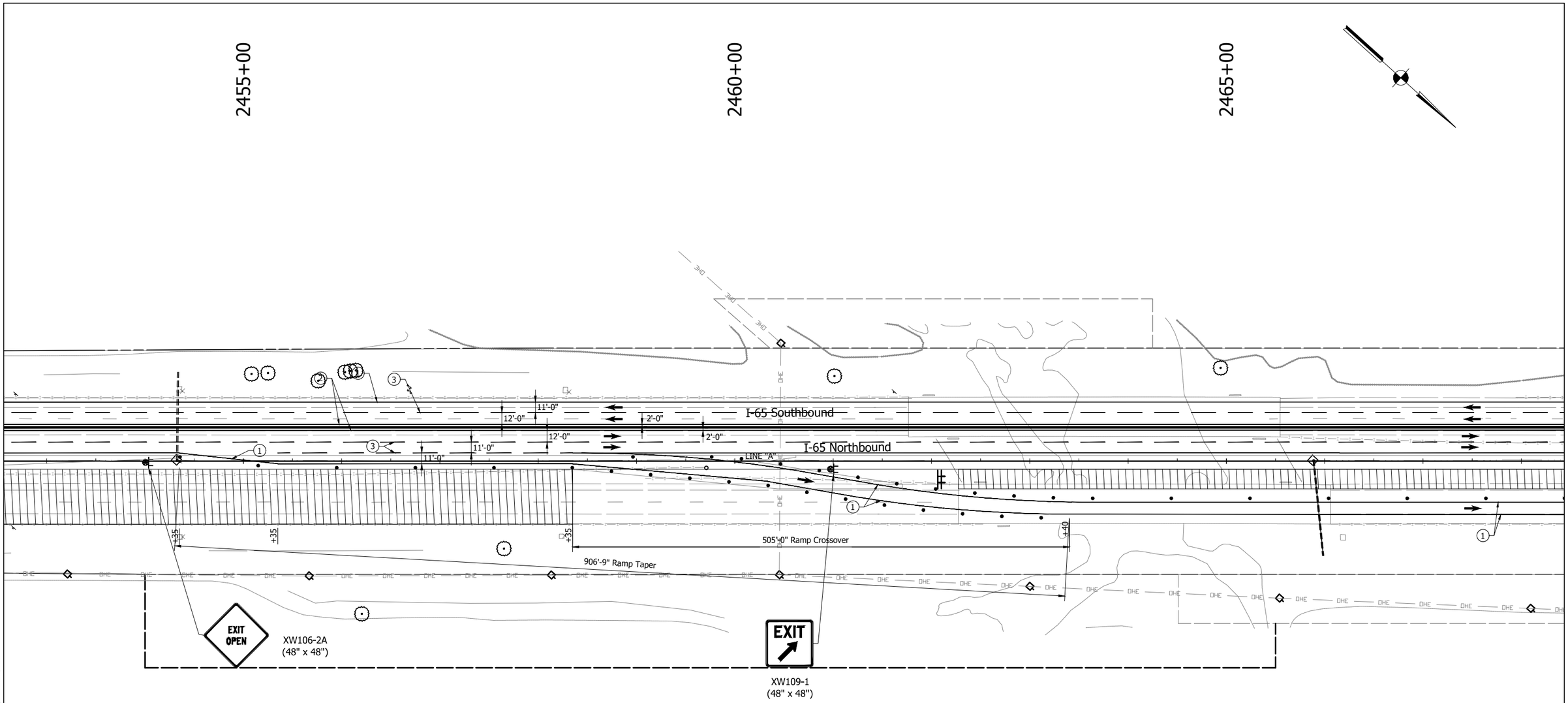
DESIGNED: JRS DRAWN: MAC

CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	31 of 196
CONTRACT	PROJECT
R-28940	0501212



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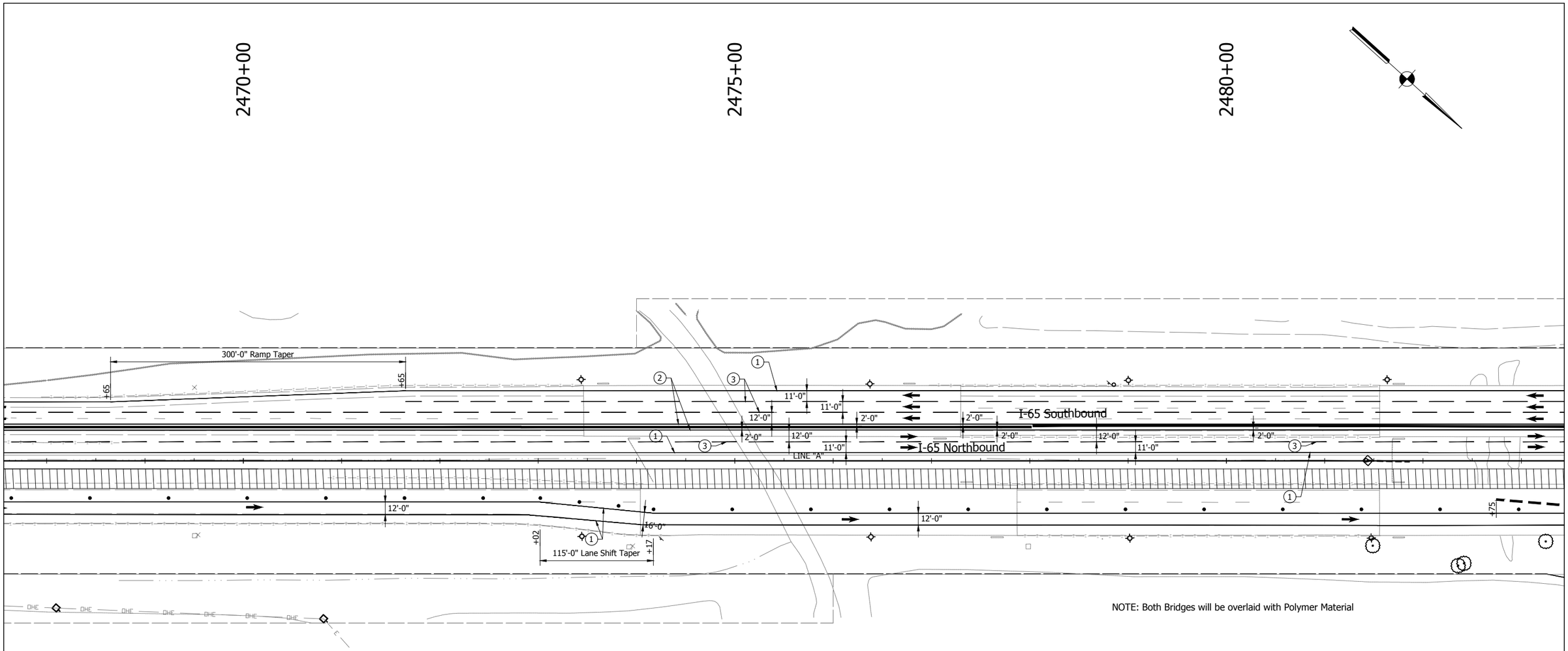
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFICE
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	32 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1Proj\CSD\MK16-465\Road\Dwg\Plans\MOT Details 3.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



NOTE: Both Bridges will be overlaid with Polymer Material

MAINTENANCE OF TRAFFIC NOTES

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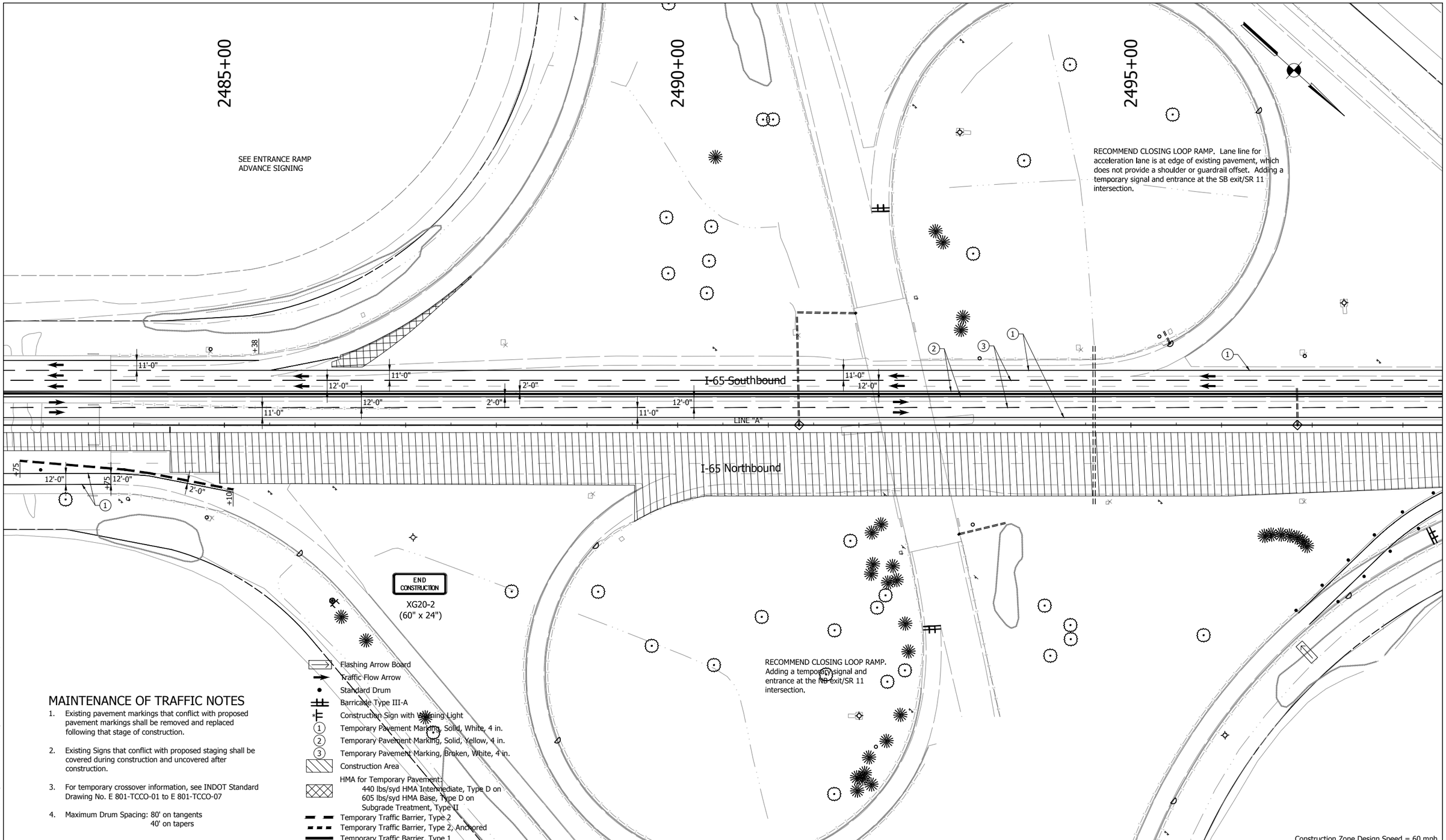
MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	33 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\M16-46S\Road\Dwg\Plans\MOT Details 3.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Flashing Light
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  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
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- Temporary Traffic Barrier, Type 1

Construction Zone Design Speed = 60 mph

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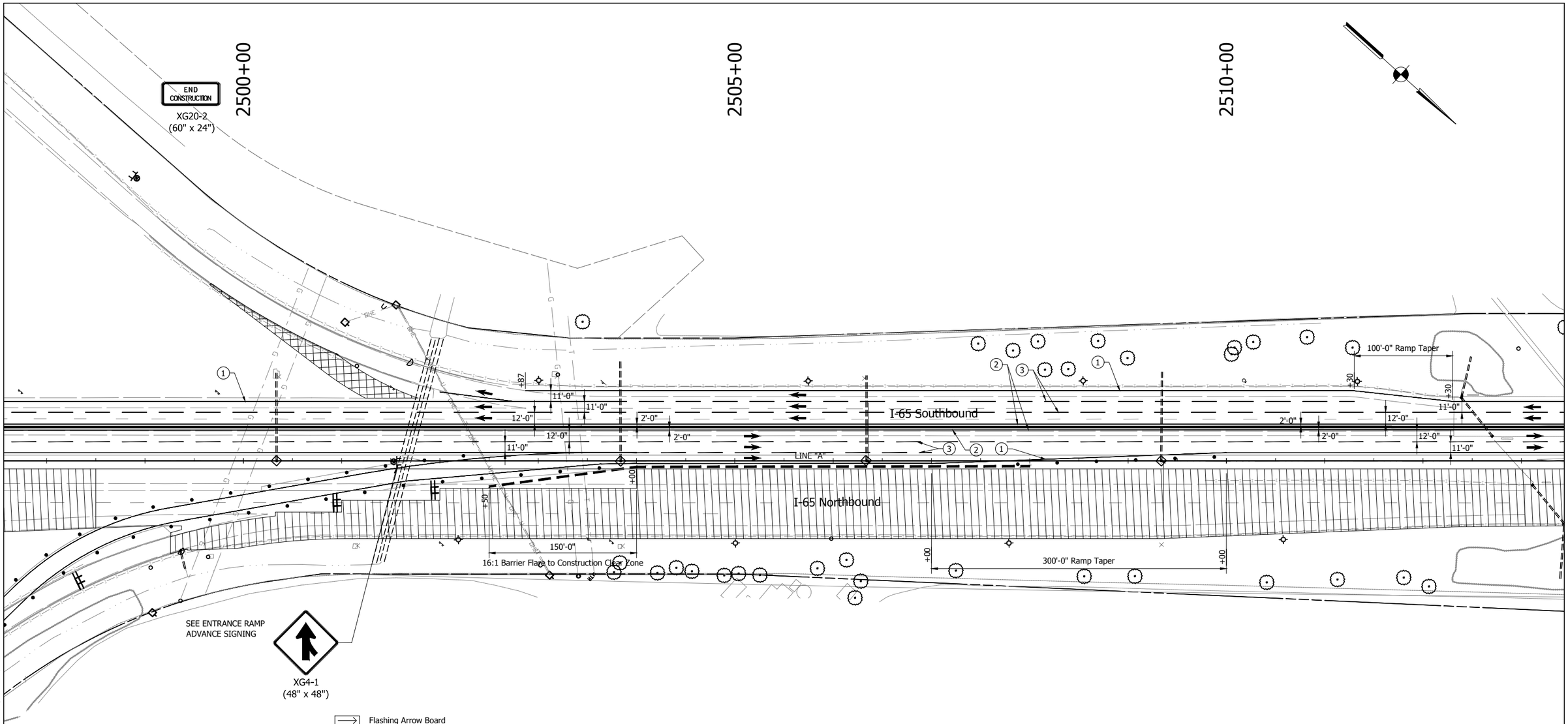
MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	34 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\MK16-465\Road\Dwg\Plans\MOT Details 3.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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Construction Zone Design Speed = 60 mph

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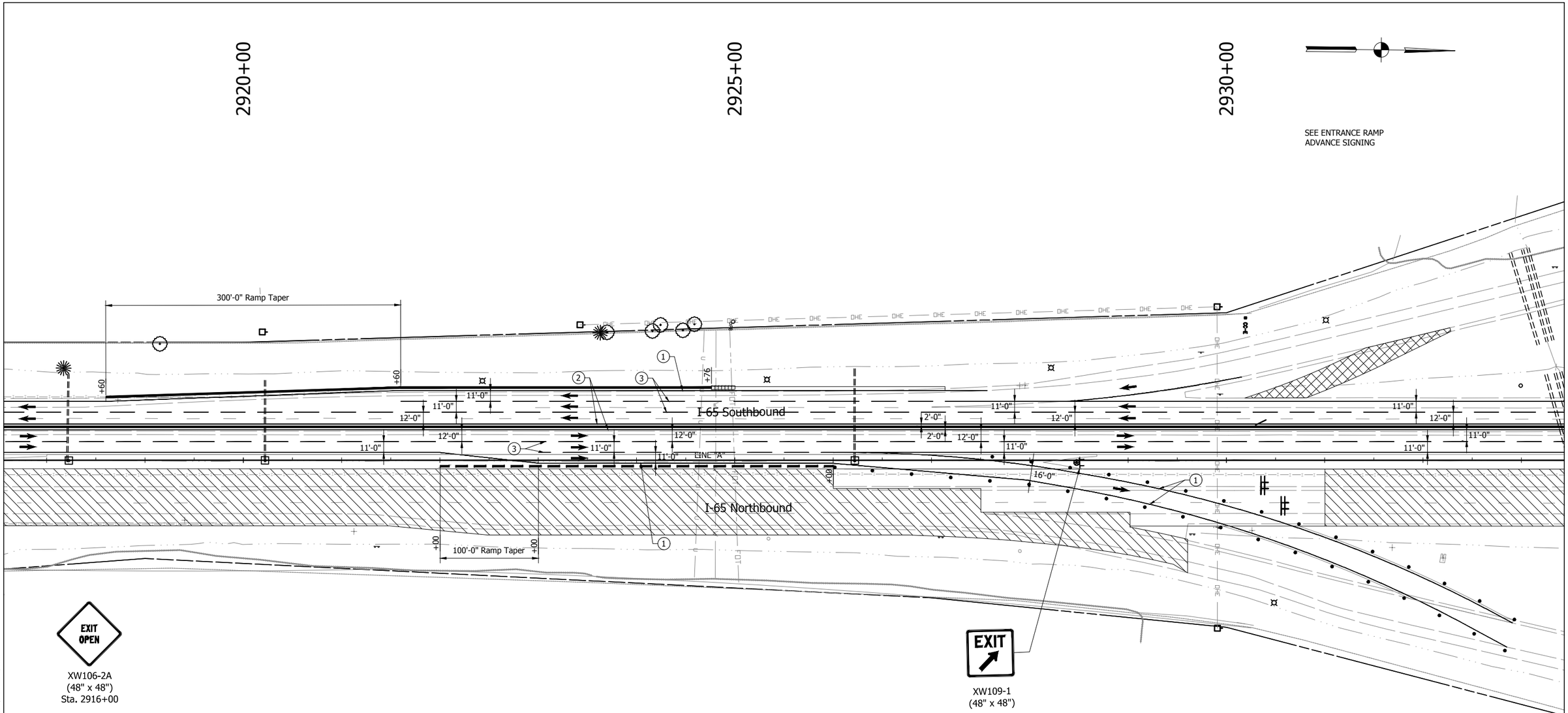
MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	35 of 196
CONTRACT	PROJECT
R-28940	0501212



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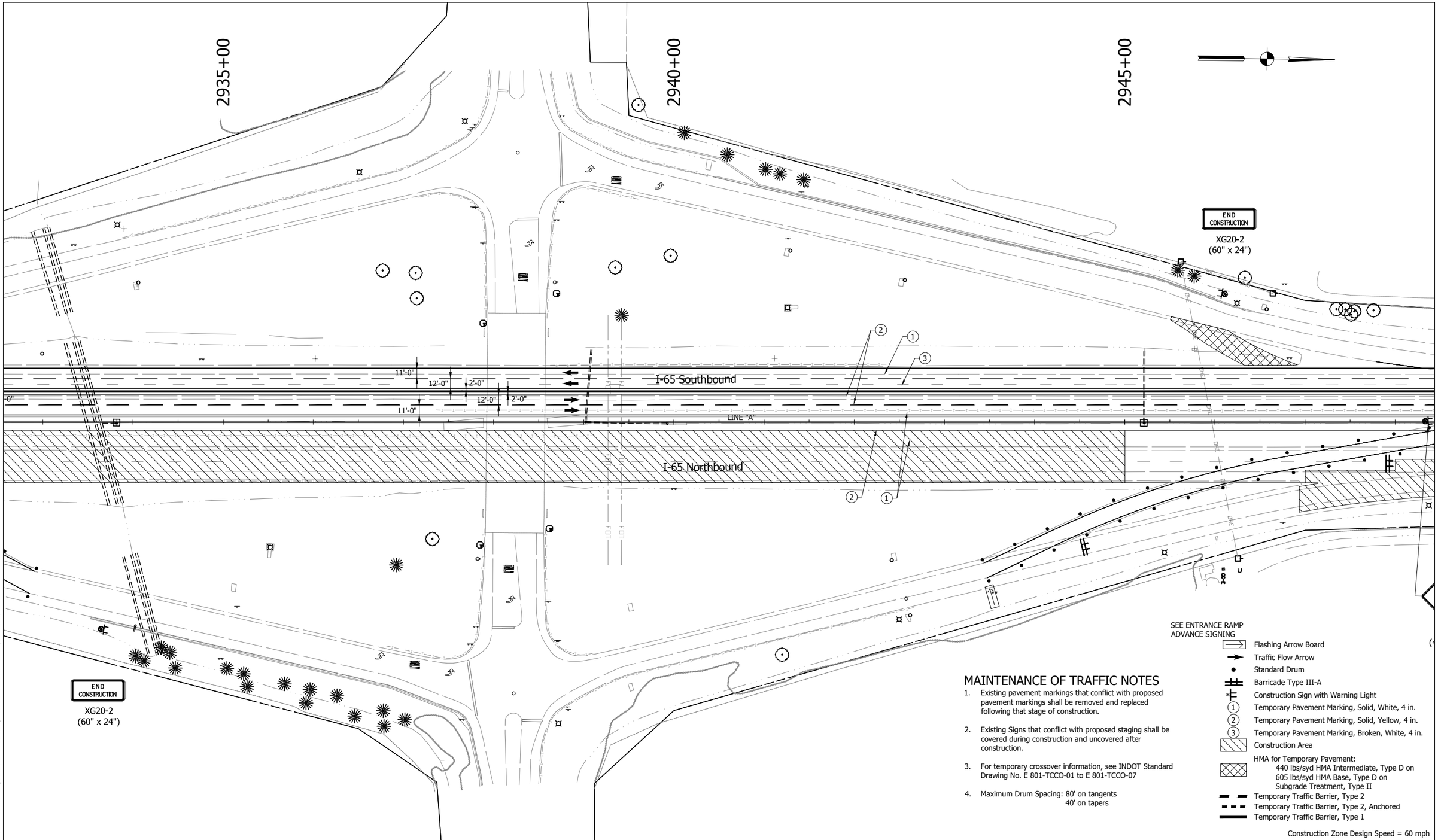
MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	36 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN\I65-465\Road\Dwg\Plans\MOT Details 3.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



SEE ENTRANCE RAMP ADVANCE SIGNING

- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
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- Construction Area
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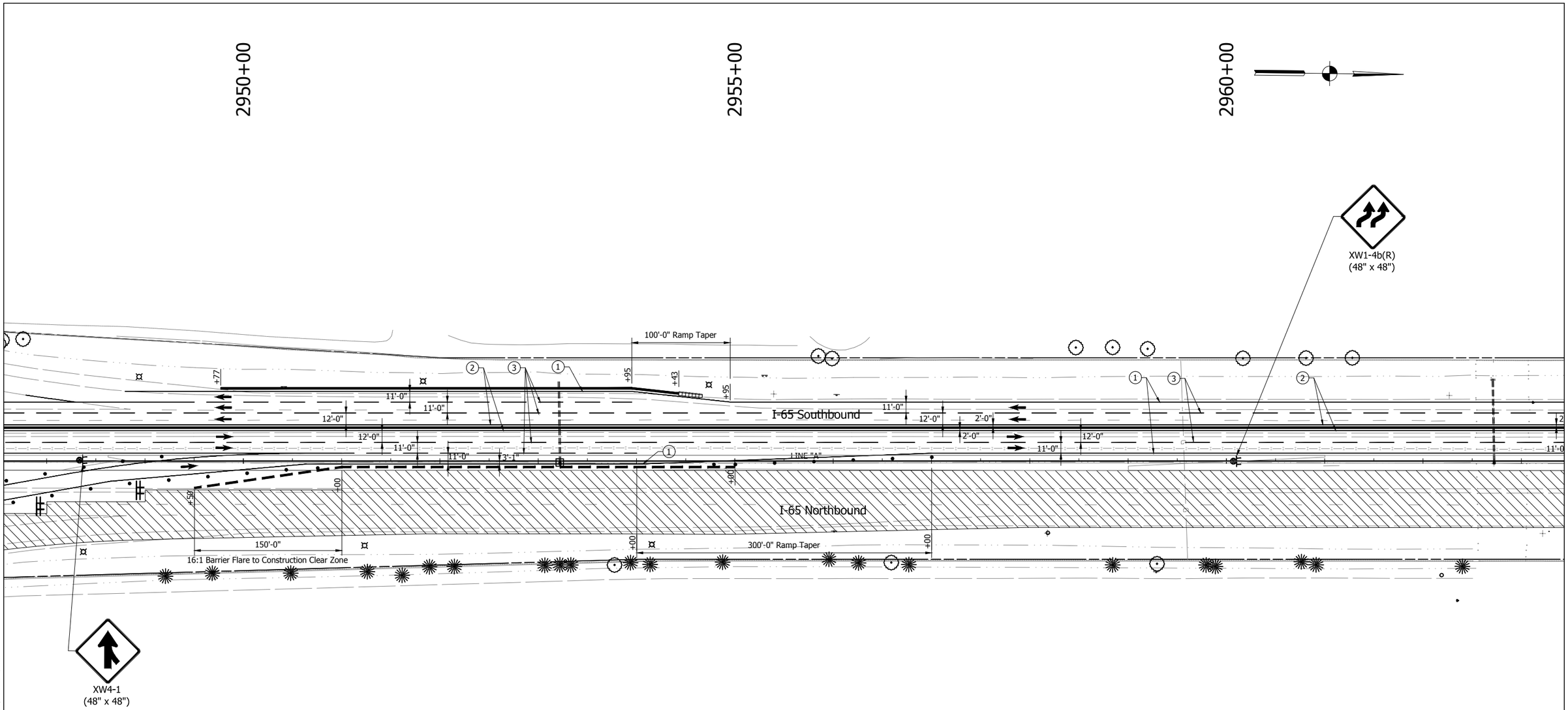
MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	37 of 196
CONTRACT	PROJECT
R-28940	0501212



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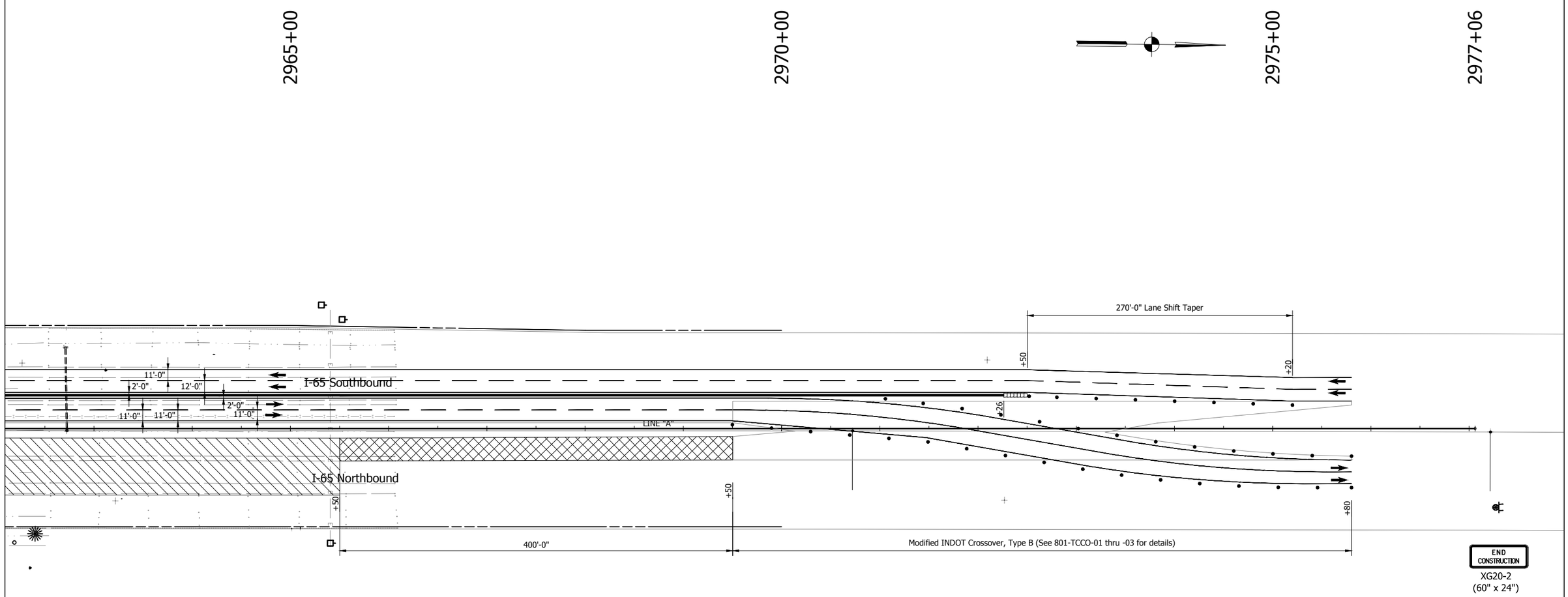
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	38 of 196
CONTRACT	PROJECT
R-28940	0501212



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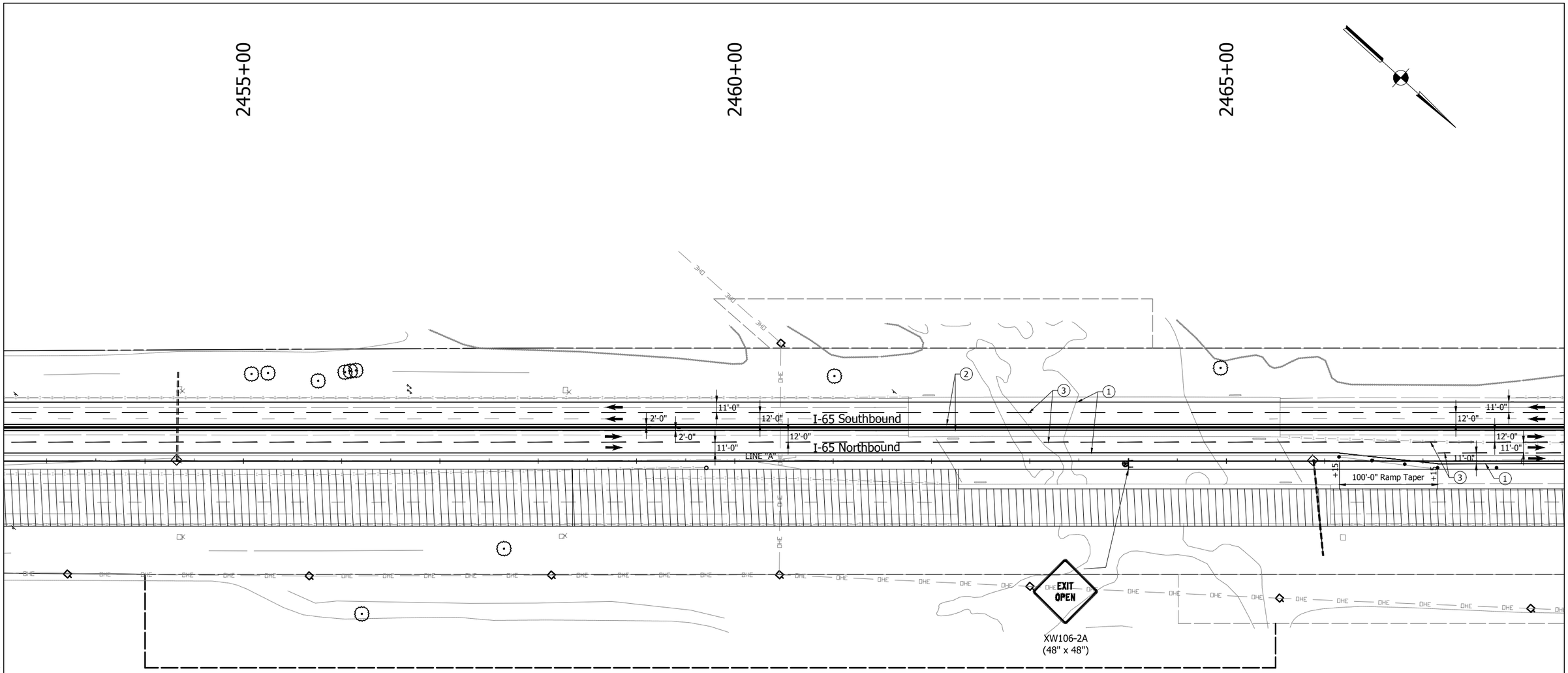
MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	39 of 196
CONTRACT	PROJECT
R-28940	0501212



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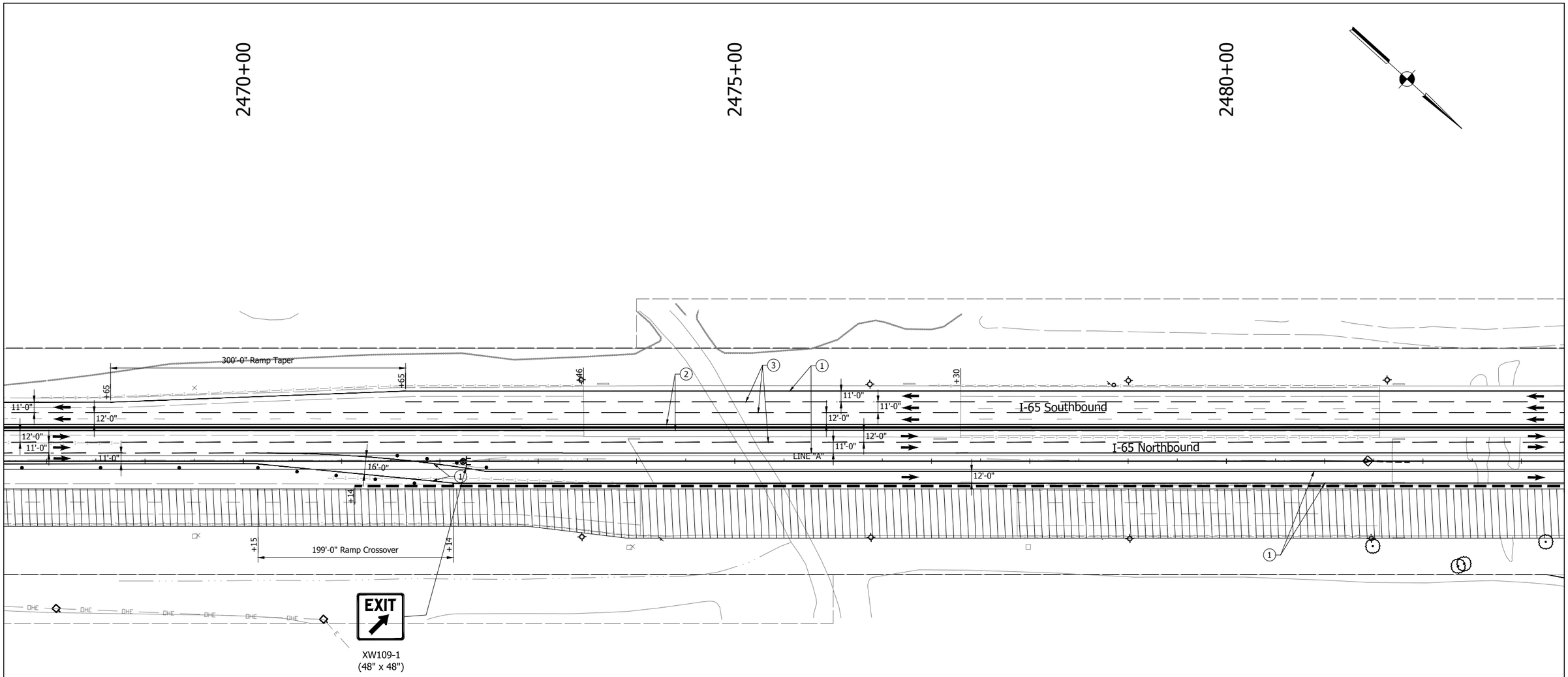
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3A

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	40 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1Proj\C30\0K16-465\Road\Dwg\Plans\MOT Details 3A.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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MAINTENANCE OF TRAFFIC
PHASE 3A

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	41 of 196
CONTRACT	PROJECT
R-28940	0501212

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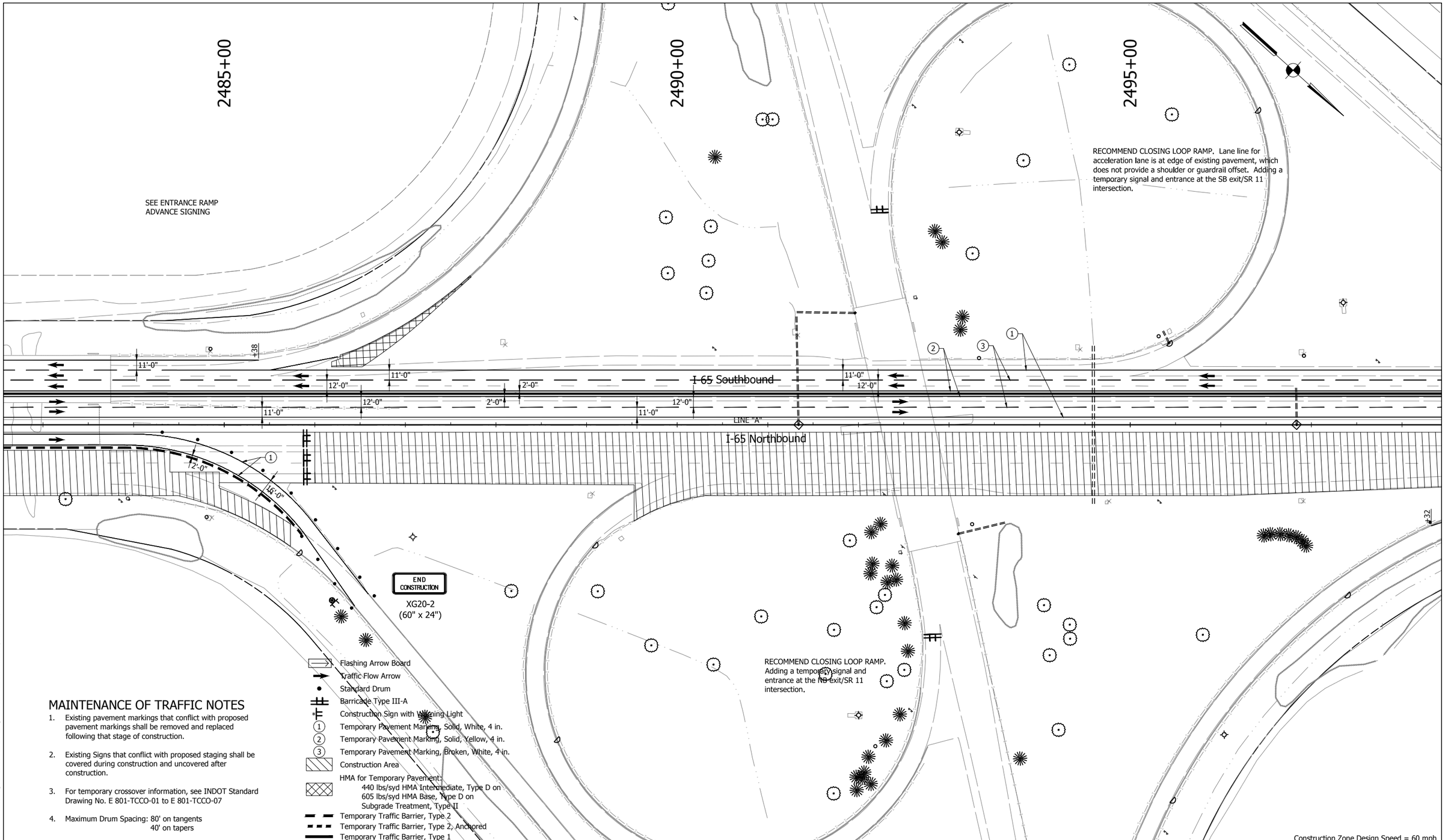

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  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored
- Temporary Traffic Barrier, Type 1

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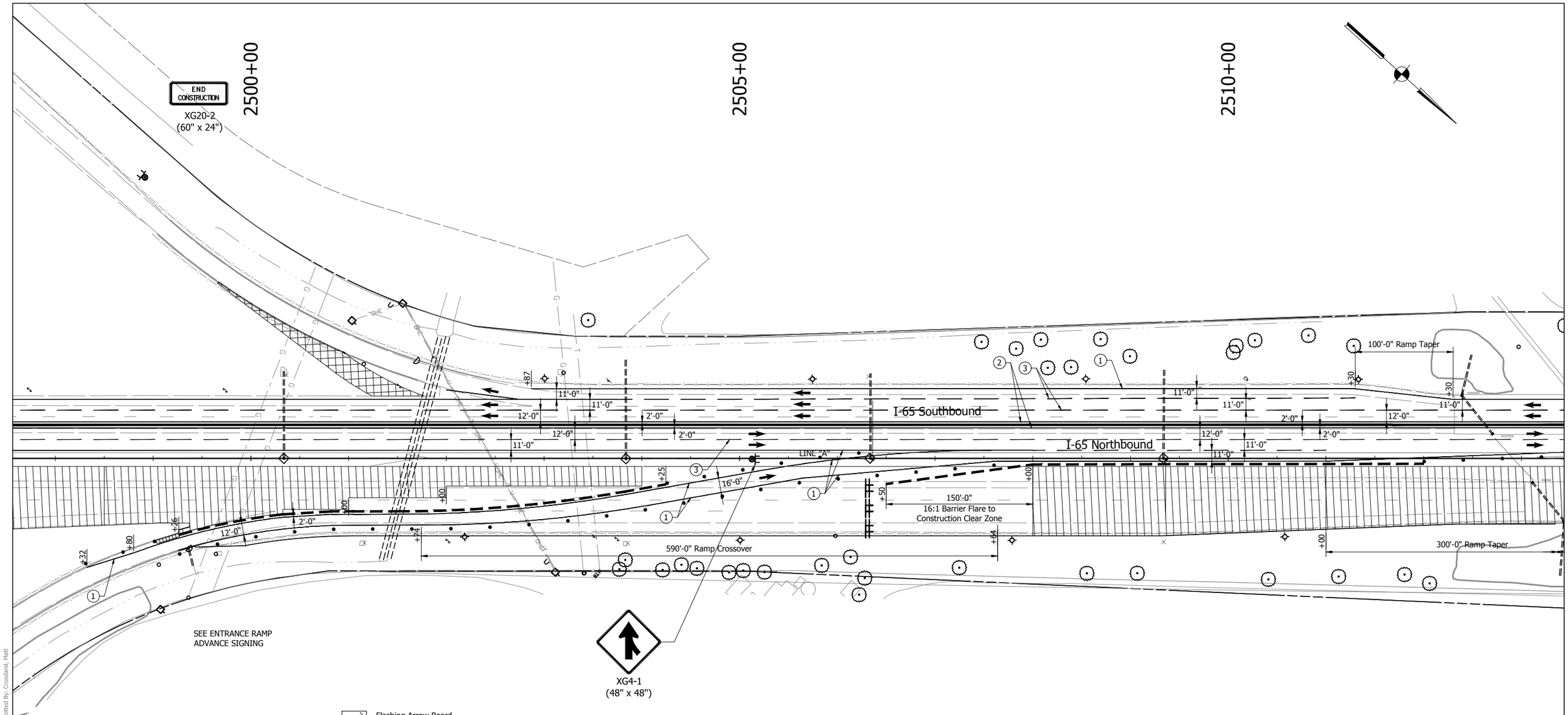
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BWS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3A

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	42 of 196
CONTRACT	PROJECT
R-28940	0501212



Flashing Arrow Board
Traffic Flow Arrow
Standard Drum
Barricade Type III-A
Construction Sign with Warning Light
(1) Temporary Pavement Marking, Solid, White, 4 in.
(2) Temporary Pavement Marking, Solid, Yellow, 4 in.
(3) Temporary Pavement Marking, Broken, White, 4 in.
Construction Area
HMA for Temporary Pavement:
440 lbs/syd HMA Intermediate, Type D on
605 lbs/syd HMA Base, Type D on
Subgrade Treatment, Type II
Temporary Traffic Barrier, Type 2
Temporary Traffic Barrier, Type 2, Anchored
Temporary Traffic Barrier, Type 1

MAINTENANCE OF TRAFFIC NOTES

1. Existing pavement markings that conflict with proposed pavement markings shall be removed and replaced following that stage of construction.
2. Existing Signs that conflict with proposed staging shall be covered during construction and uncovered after construction.
3. For temporary crossover information, see INDOT Standard Drawing No. E 801-TCCO-01 to E 801-TCCO-07
4. Maximum Drum Spacing: 80' on tangents
   40' on tapers

Construction Zone Design Speed = 60 mph

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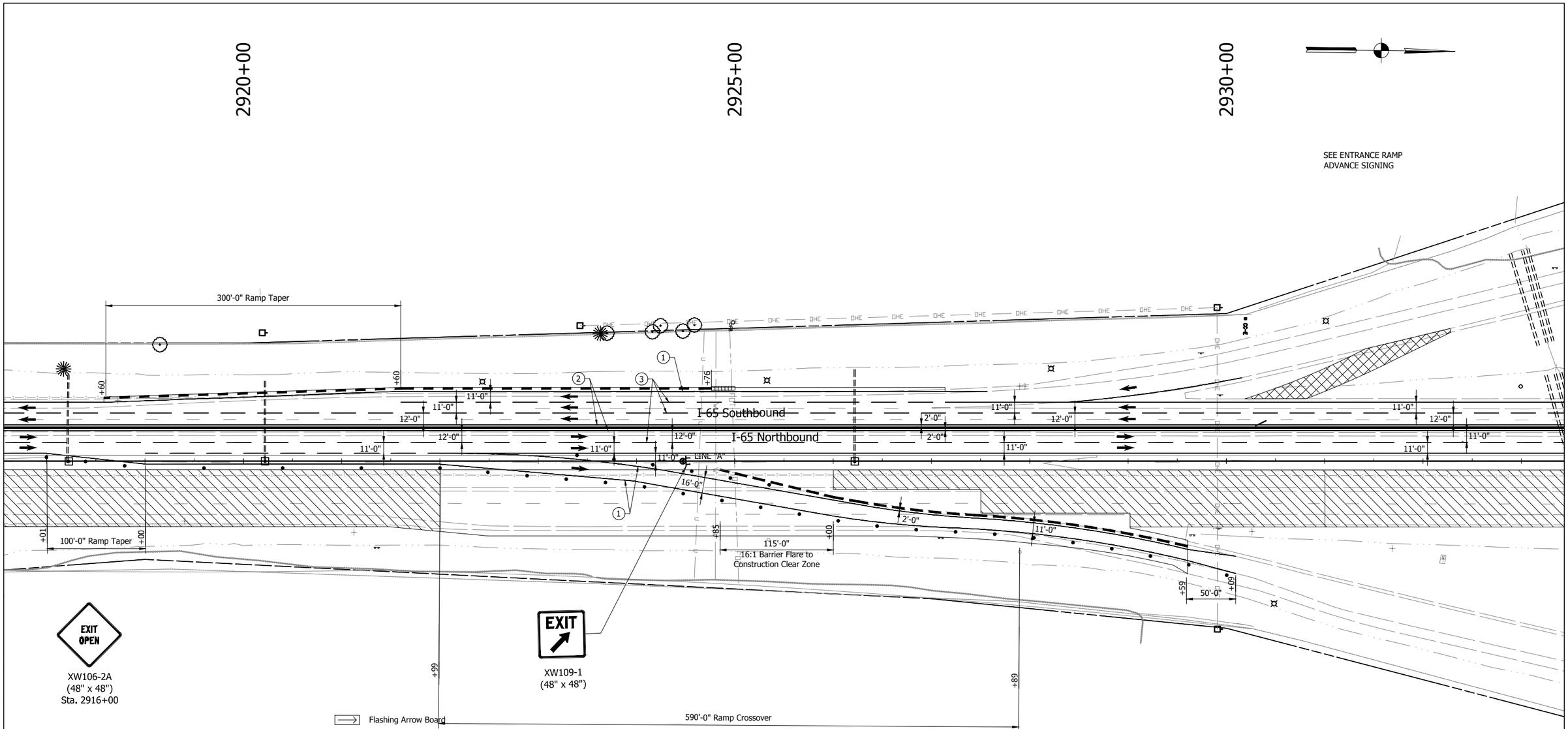
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3A

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	43 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\MK16-465\Road\Dwg\Plans\MOT Details 3A.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



Flashing Arrow Board
Traffic Flow Arrow
Standard Drum
Barricade Type III-A
Construction Sign with Warning Light
(1) Temporary Pavement Marking, Solid, White, 4 in.
(2) Temporary Pavement Marking, Solid, Yellow, 4 in.
(3) Temporary Pavement Marking, Broken, White, 4 in.
Construction Area
HMA for Temporary Pavement:
440 lbs/syd HMA Intermediate, Type D on
605 lbs/syd HMA Base, Type D on
Subgrade Treatment, Type II
Temporary Traffic Barrier, Type 2
Temporary Traffic Barrier, Type 2, Anchored
Temporary Traffic Barrier, Type 1

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DESIGNED: BWS DRAWN: MAC
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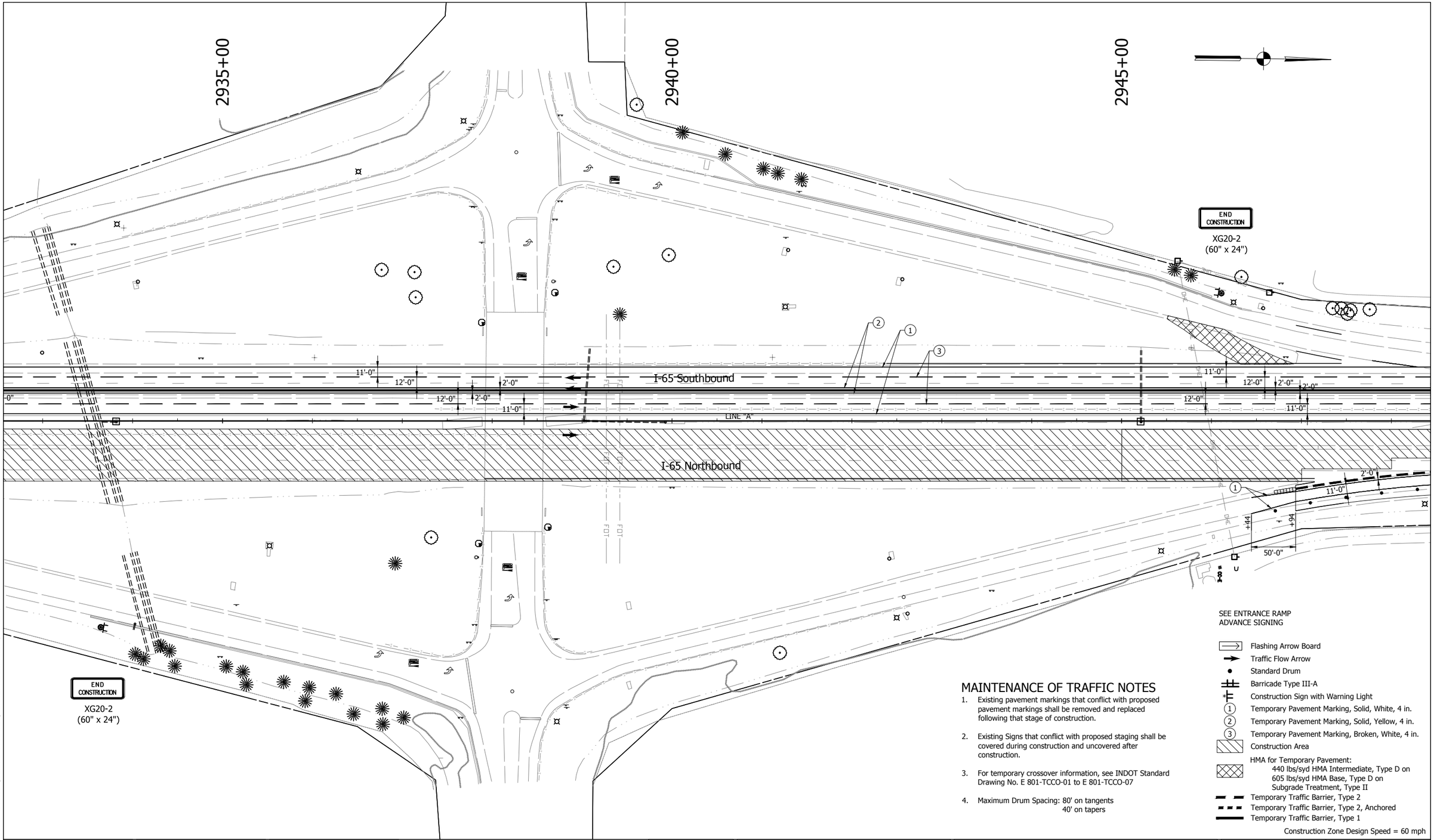
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3A

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	44 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C3D\WK16-465\Road\Dwg\Plans\MOT Details 3A.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



SEE ENTRANCE RAMP ADVANCE SIGNING

- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement: 440 lbs/syd HMA Intermediate, Type D on 605 lbs/syd HMA Base, Type D on Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored
- Temporary Traffic Barrier, Type 1

Construction Zone Design Speed = 60 mph

MAINTENANCE OF TRAFFIC NOTES

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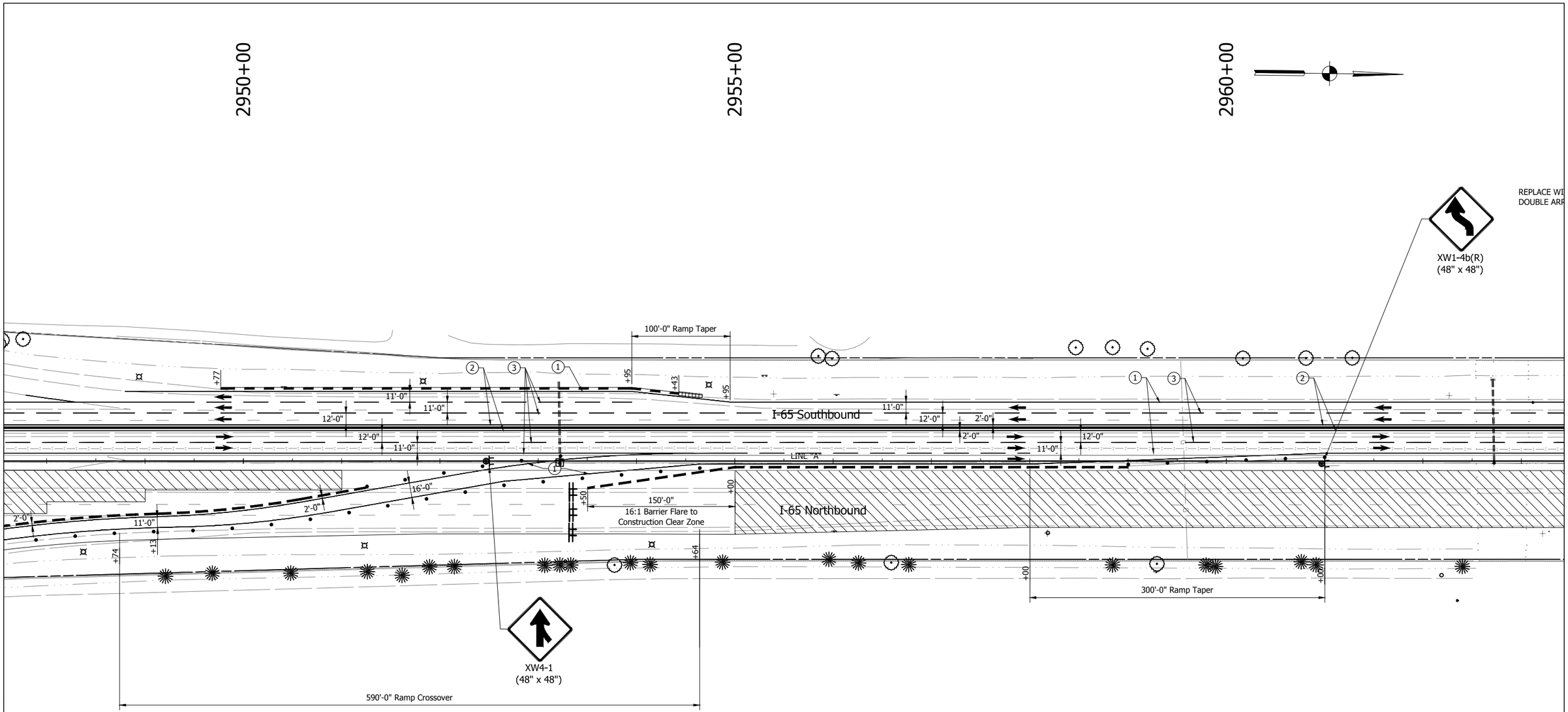
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3A

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	45 of 196
CONTRACT	PROJECT
R-28940	0501212



Flashing Arrow Board
Traffic Flow Arrow
Standard Drum
Barricade Type III-A
Construction Sign with Warning Light
(1) Temporary Pavement Marking, Solid, White, 4 in.
(2) Temporary Pavement Marking, Solid, Yellow, 4 in.
(3) Temporary Pavement Marking, Broken, White, 4 in.
Construction Area
HMA for Temporary Pavement:
440 lbs/syd HMA Intermediate, Type D on
605 lbs/syd HMA Base, Type D on
Subgrade Treatment, Type II
Temporary Traffic Barrier, Type 2
Temporary Traffic Barrier, Type 2, Anchored
Temporary Traffic Barrier, Type 1

MAINTENANCE OF TRAFFIC NOTES

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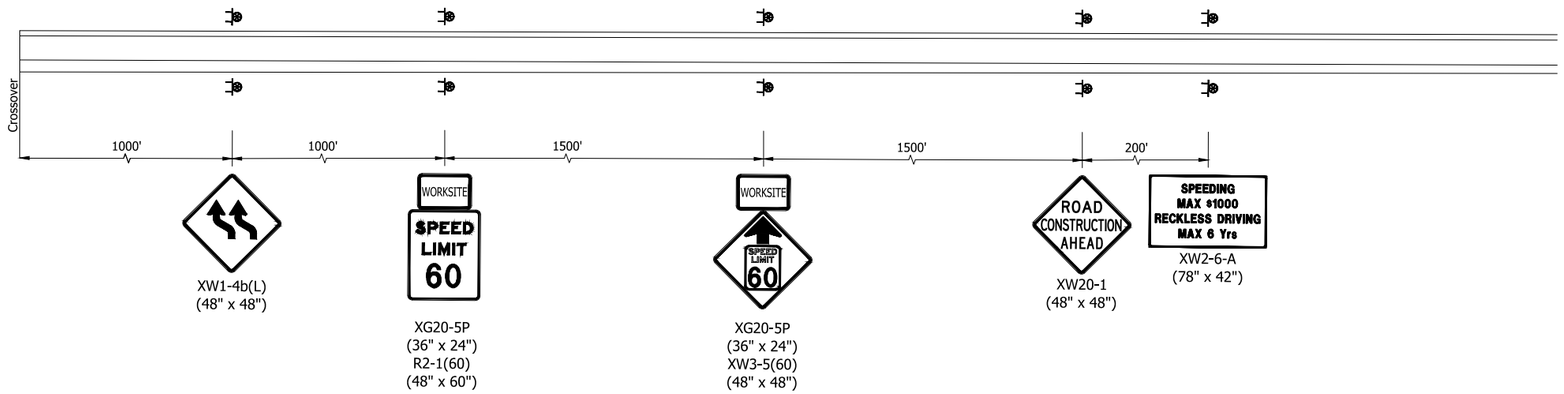
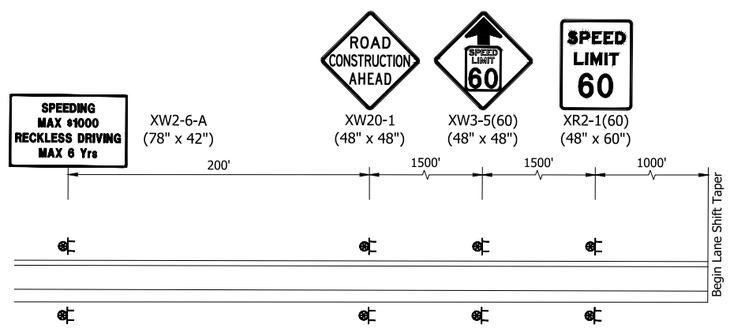
MAINTENANCE OF TRAFFIC
PHASE 3A

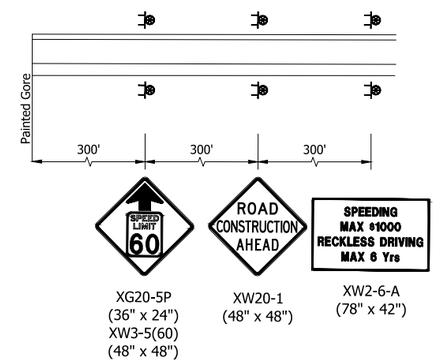
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	46 of 196
CONTRACT	PROJECT
R-28940	0501212



I-65 SOUTHBOUND ADVANCE SIGNING



I-65 NORTHBOUND ADVANCE SIGNING



ENTRANCE RAMP ADVANCE SIGNING

Southbound Ramps Shown, Reverse for Northbound Ramps

- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
- Temporary Traffic Barrier, Type 2, Anchored
- Temporary Traffic Barrier, Type 1

MAINTENANCE OF TRAFFIC NOTES

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2. Existing Signs that conflict with proposed staging shall be covered during construction and uncovered after construction.
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4. Maximum Drum Spacing: 80' on tangents
   40' on tapers

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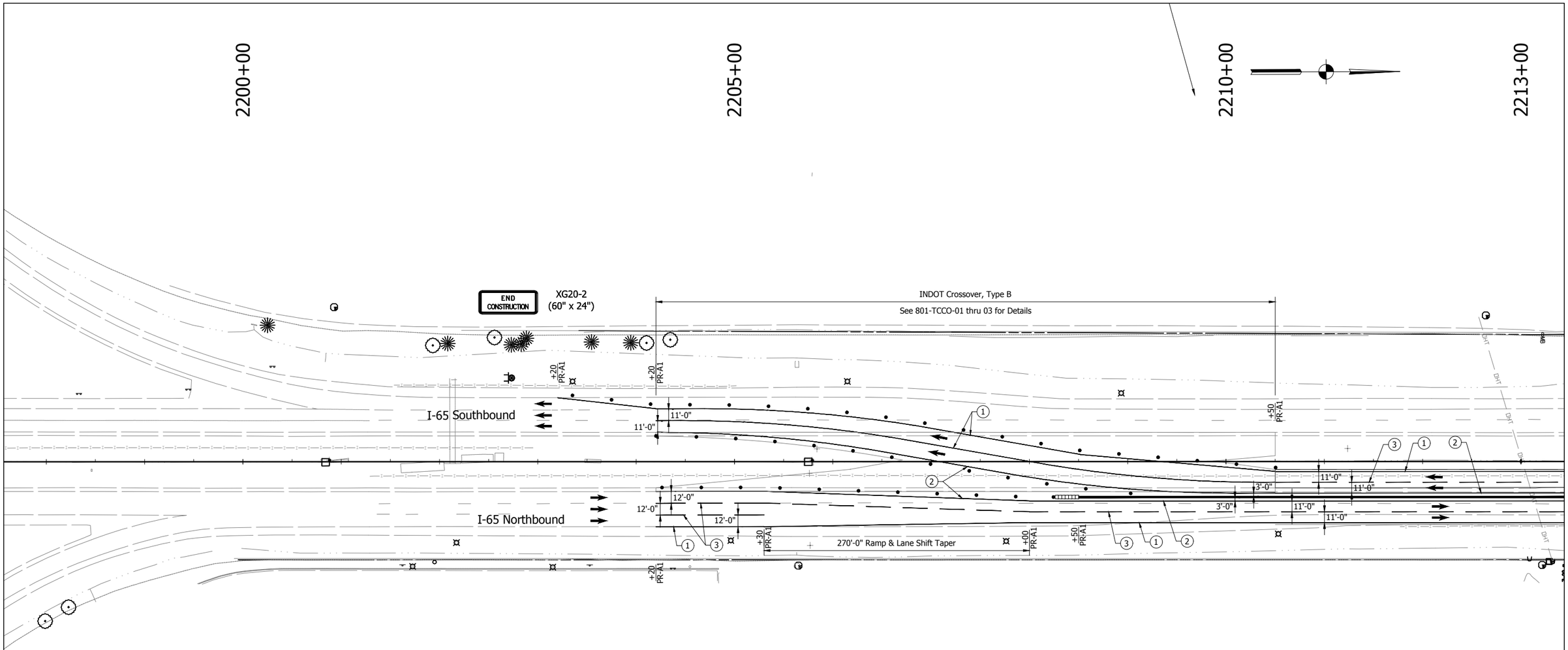
DESIGNED: JRS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4 ADVANCE SIGNING

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	47 of 196
CONTRACT	PROJECT
R-28940	0501212



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- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
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- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
- Temporary Traffic Barrier, Type 2
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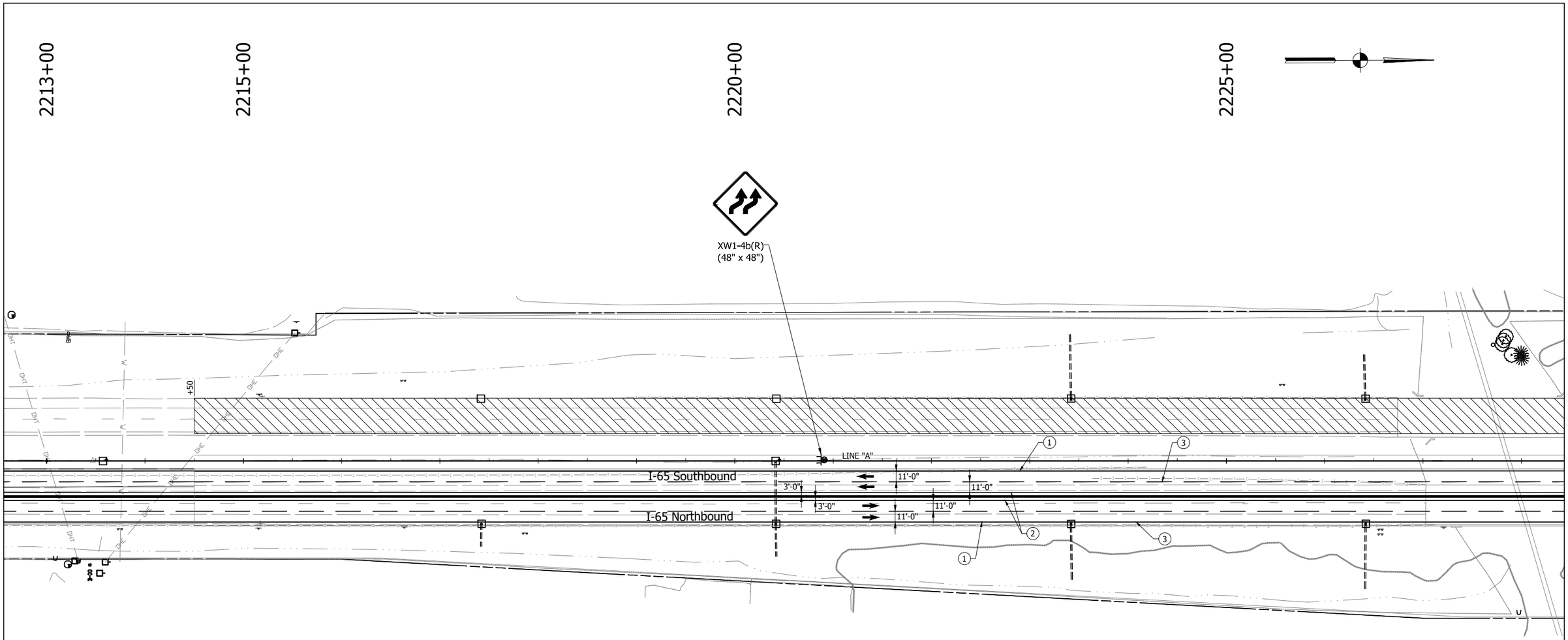
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	48 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C3D\MK15-465\Road\Dwg\Plans\MOT Details 4.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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- Flashing Arrow Board
- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
- (1) Temporary Pavement Marking, Solid, White, 4 in.
- (2) Temporary Pavement Marking, Solid, Yellow, 4 in.
- (3) Temporary Pavement Marking, Broken, White, 4 in.
- Construction Area
- HMA for Temporary Pavement:
  440 lbs/syd HMA Intermediate, Type D on
  605 lbs/syd HMA Base, Type D on
  Subgrade Treatment, Type II
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- Temporary Traffic Barrier, Type 1

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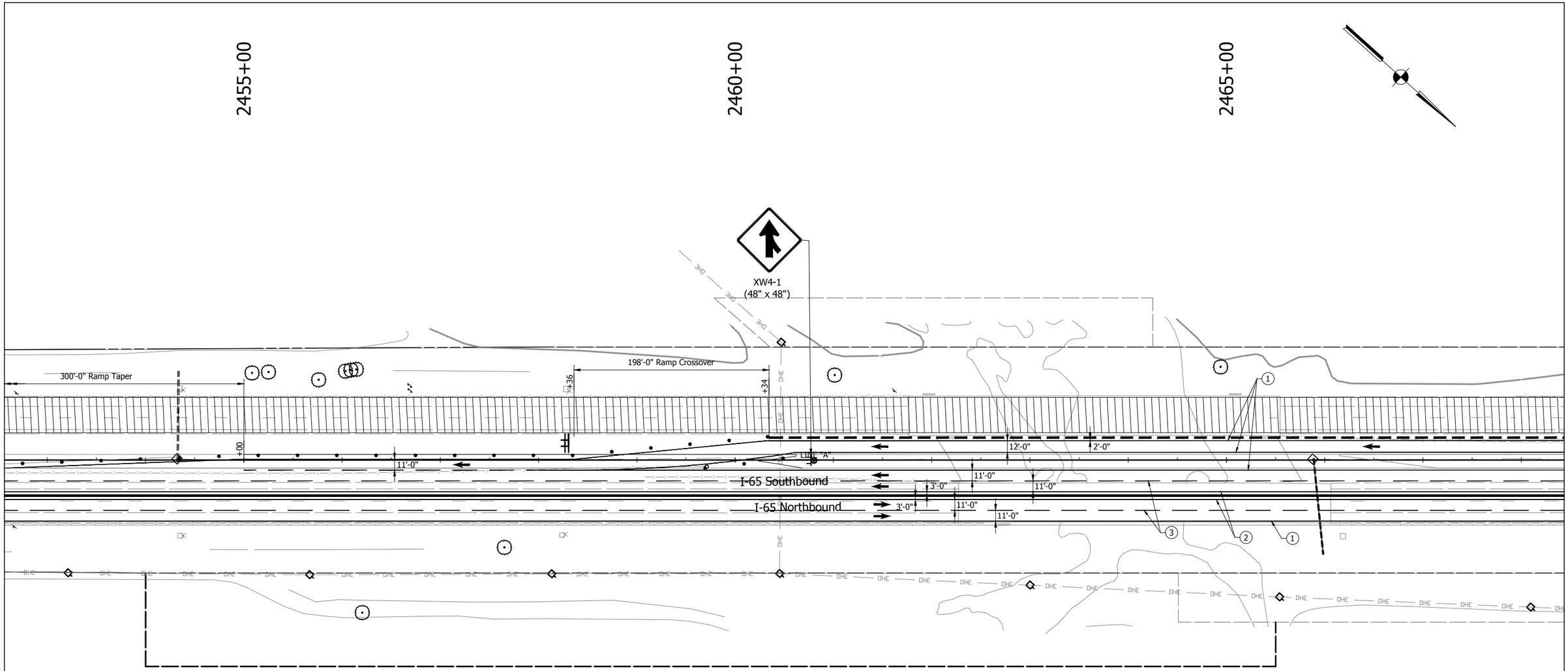
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	49 of 196
CONTRACT	PROJECT
R-28940	0501212



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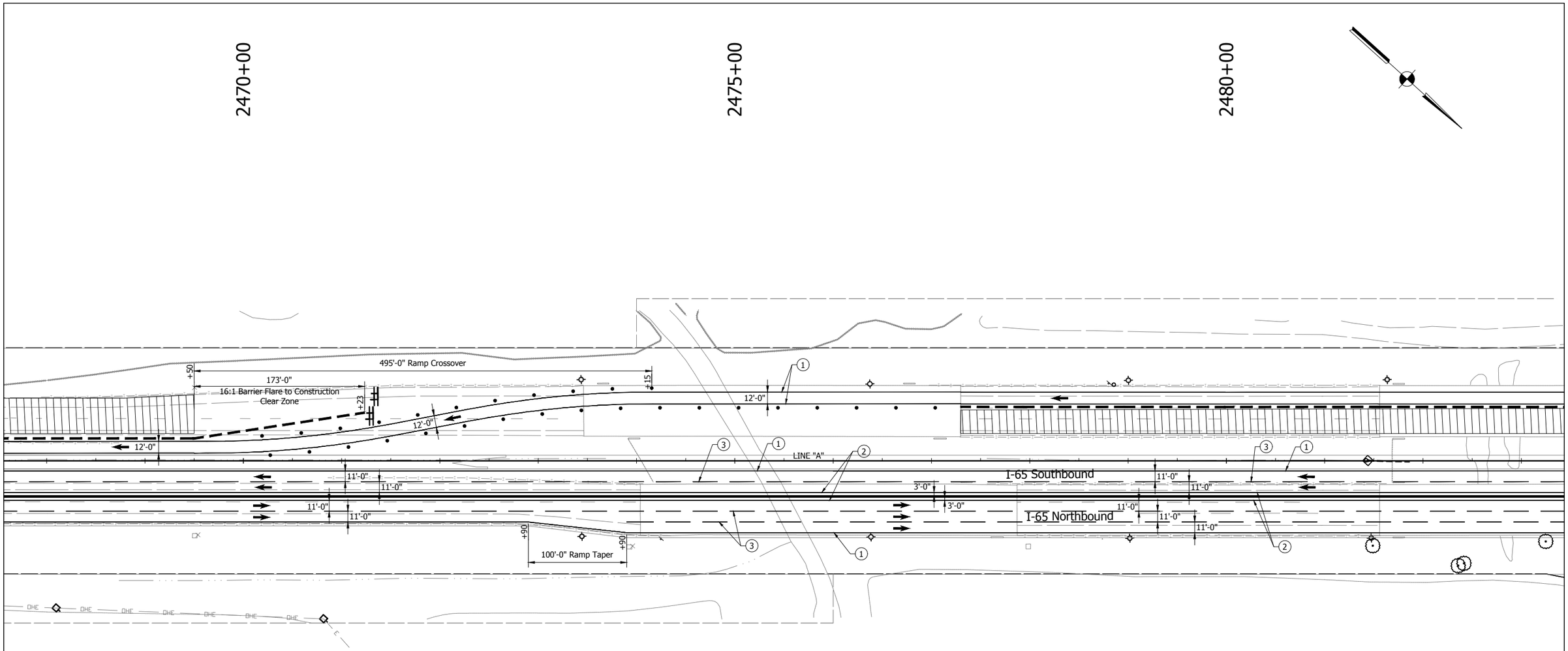
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	50 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1Proj\C3D\Mk16-465\Road\Dwg\Plans\MOT Details 4.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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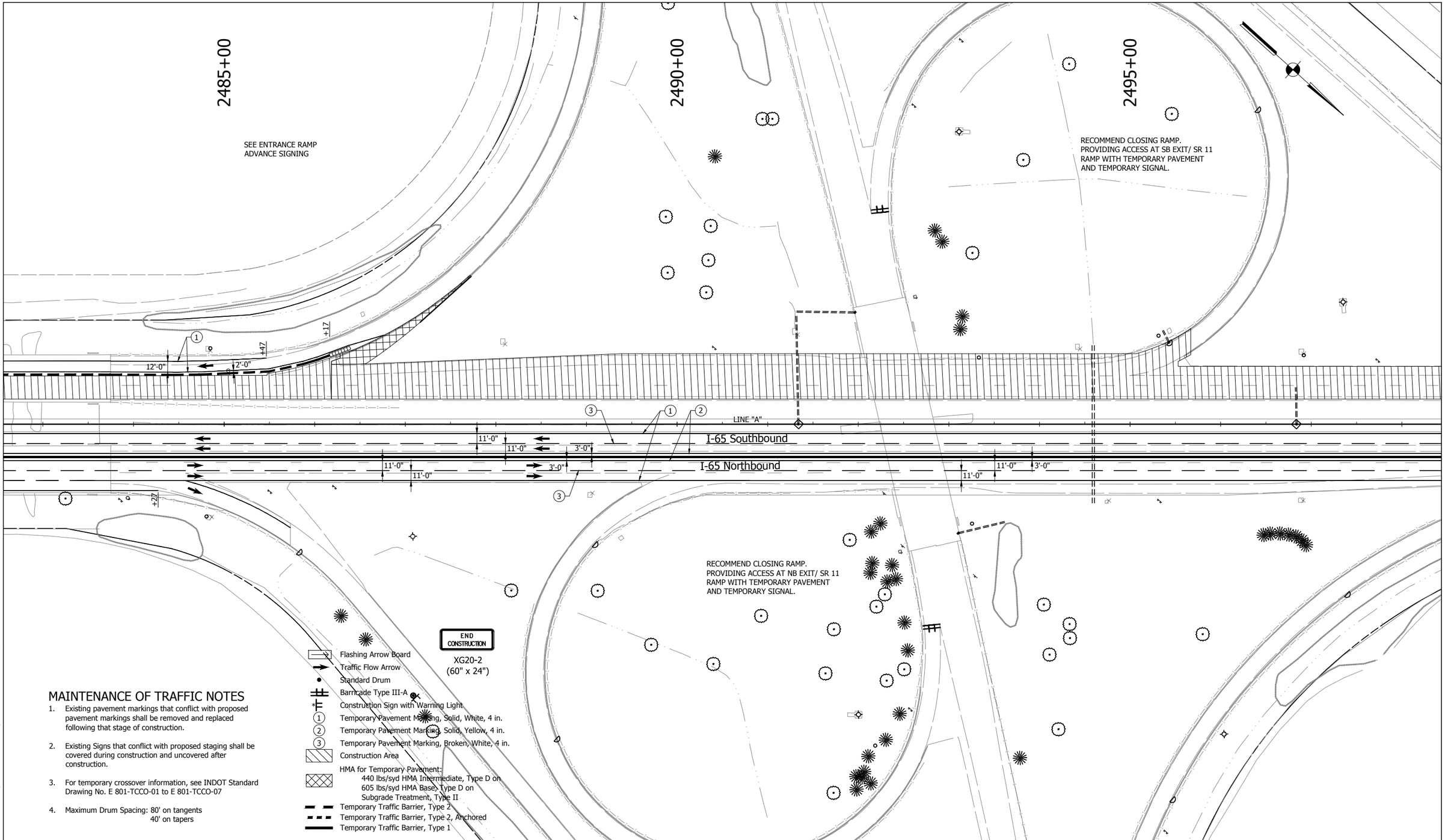
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	51 of 196
CONTRACT	PROJECT
R-28940	0501212



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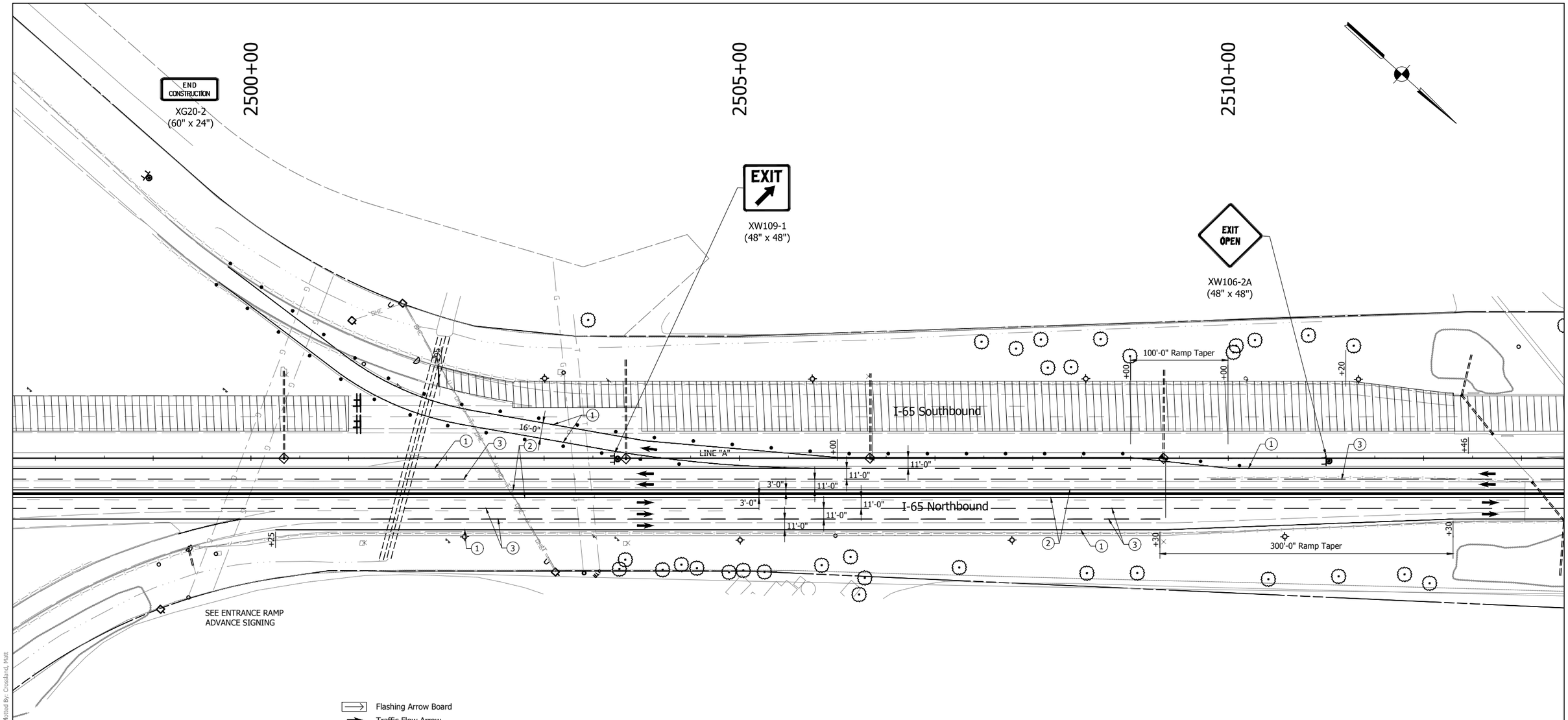
PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	52 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C3D\Wk16-465\Road\Dwg\Plans\MOT Details 4.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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PHASE 4

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1" = 50'	-
VERTICAL SCALE	DESIGNATION
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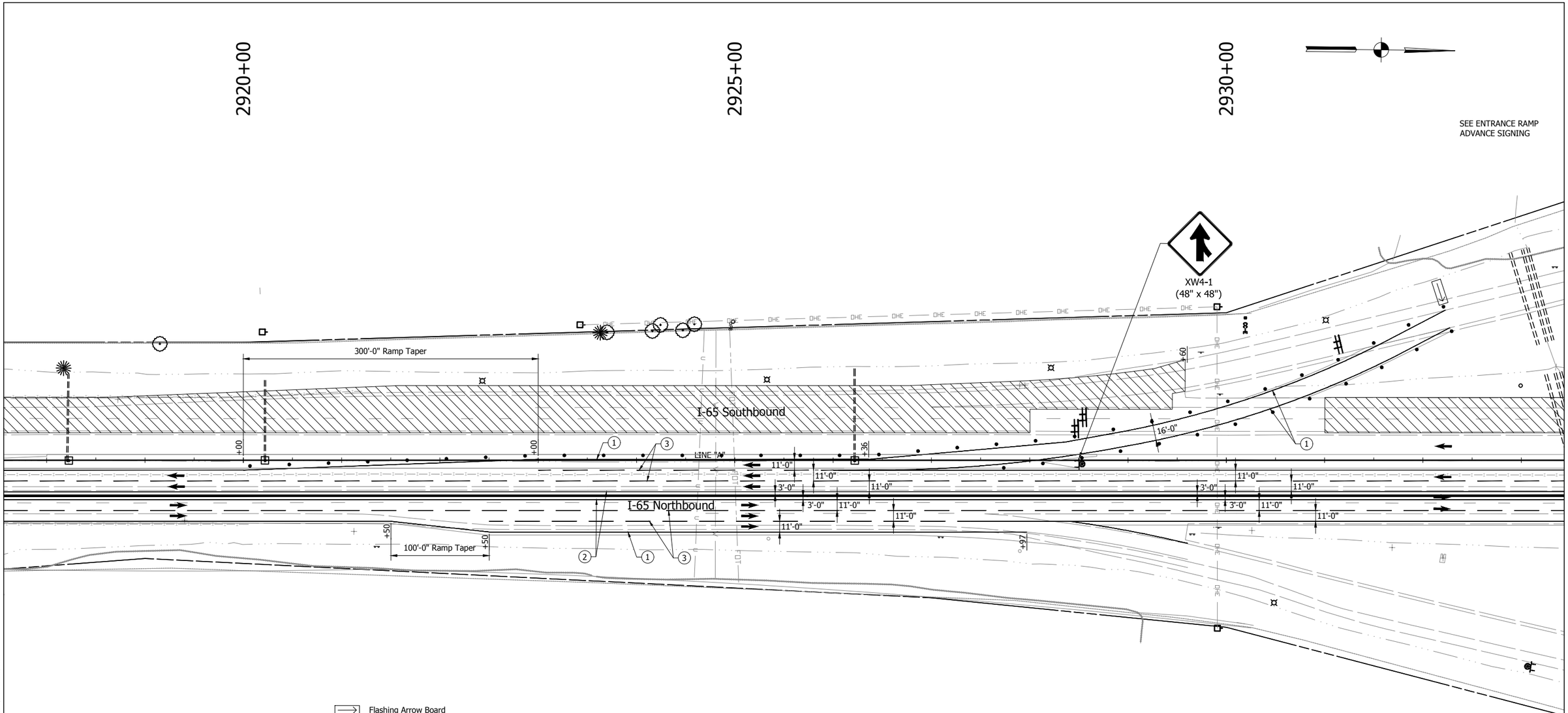
SURVEY BOOK	SHEETS
-	53 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSSHFS\Road1Proj\CSD\IMK15-465\Road\Dwg\Plans\MOT Details 4.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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- Traffic Flow Arrow
- Standard Drum
- Barricade Type III-A
- Construction Sign with Warning Light
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- Temporary Traffic Barrier, Type 2, Anchored
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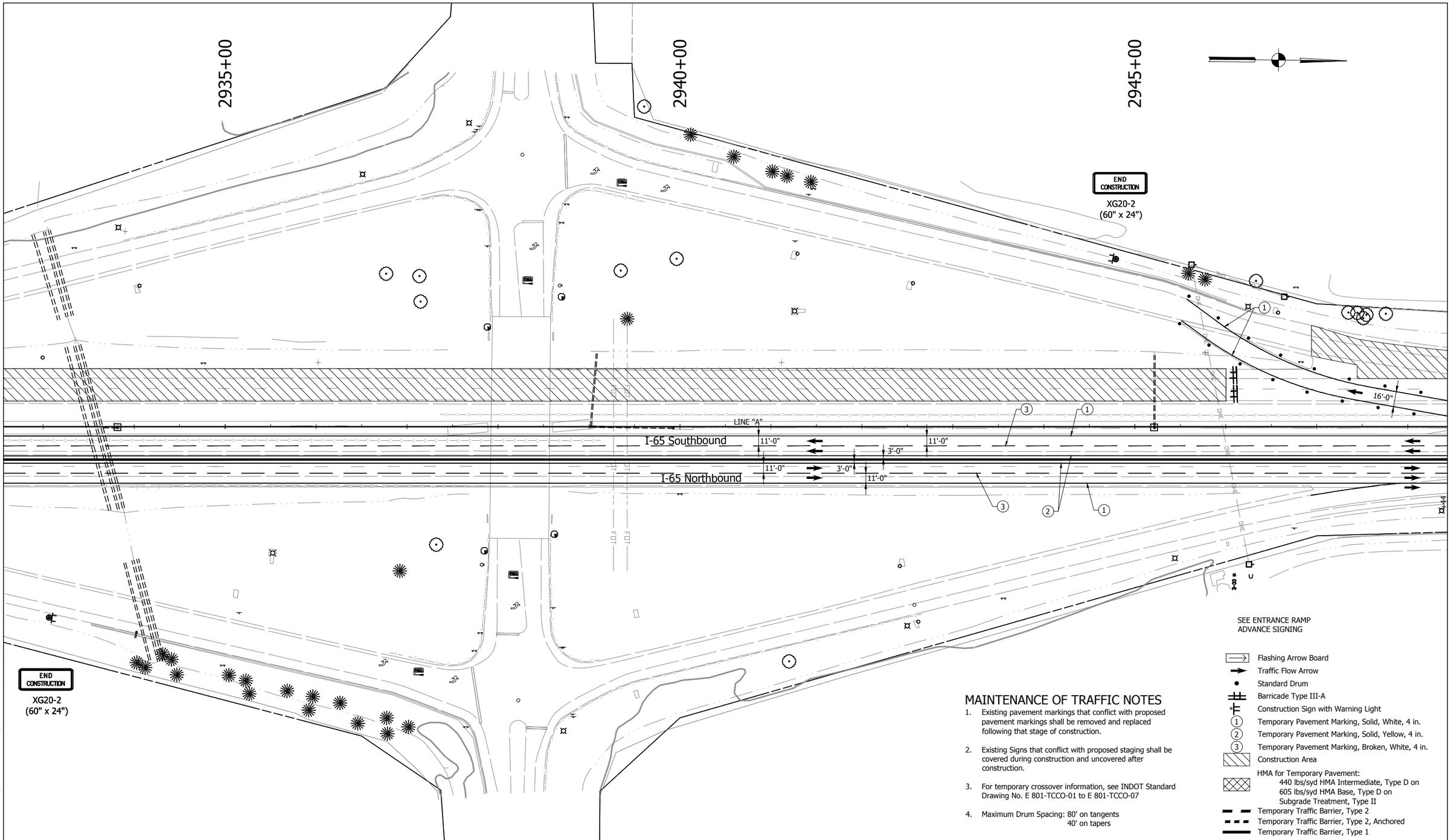
DESIGNED: JRS DRAWN: MAC

CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	54 of 196
CONTRACT	PROJECT
R-28940	0501212



SEE ENTRANCE RAMP ADVANCE SIGNING

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CONTRACT	PROJECT
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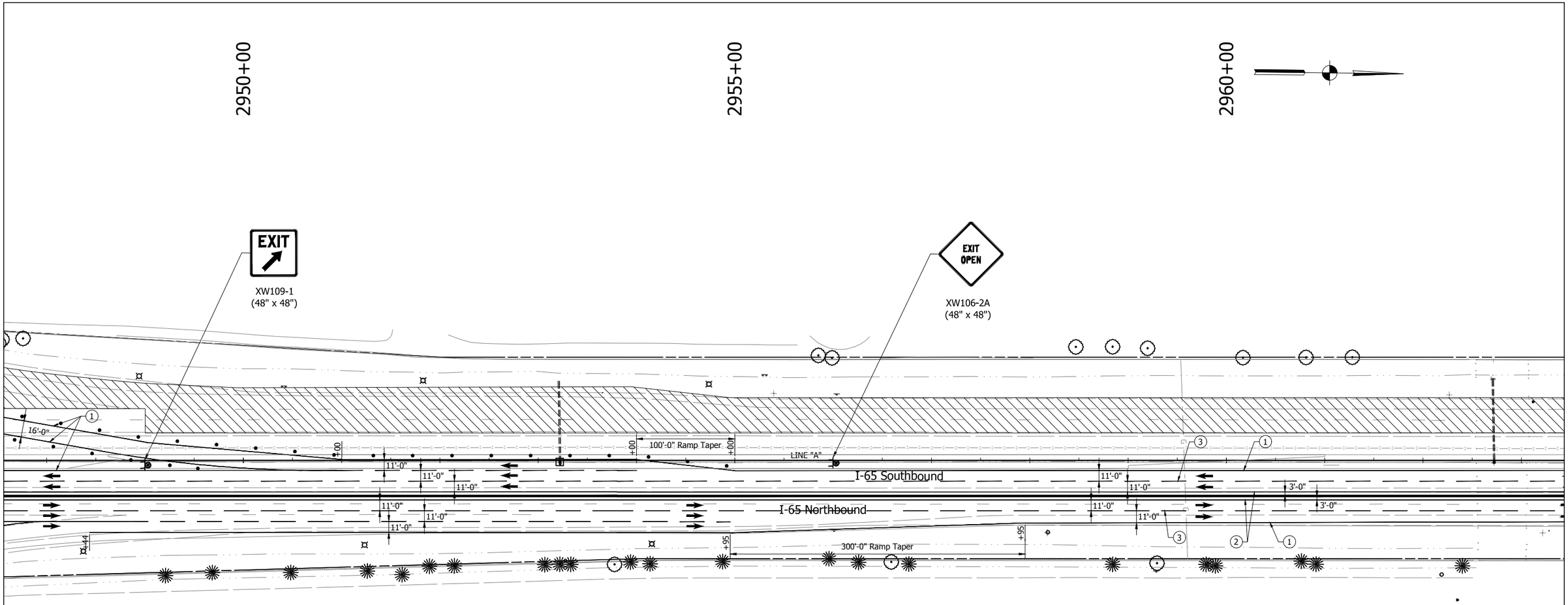

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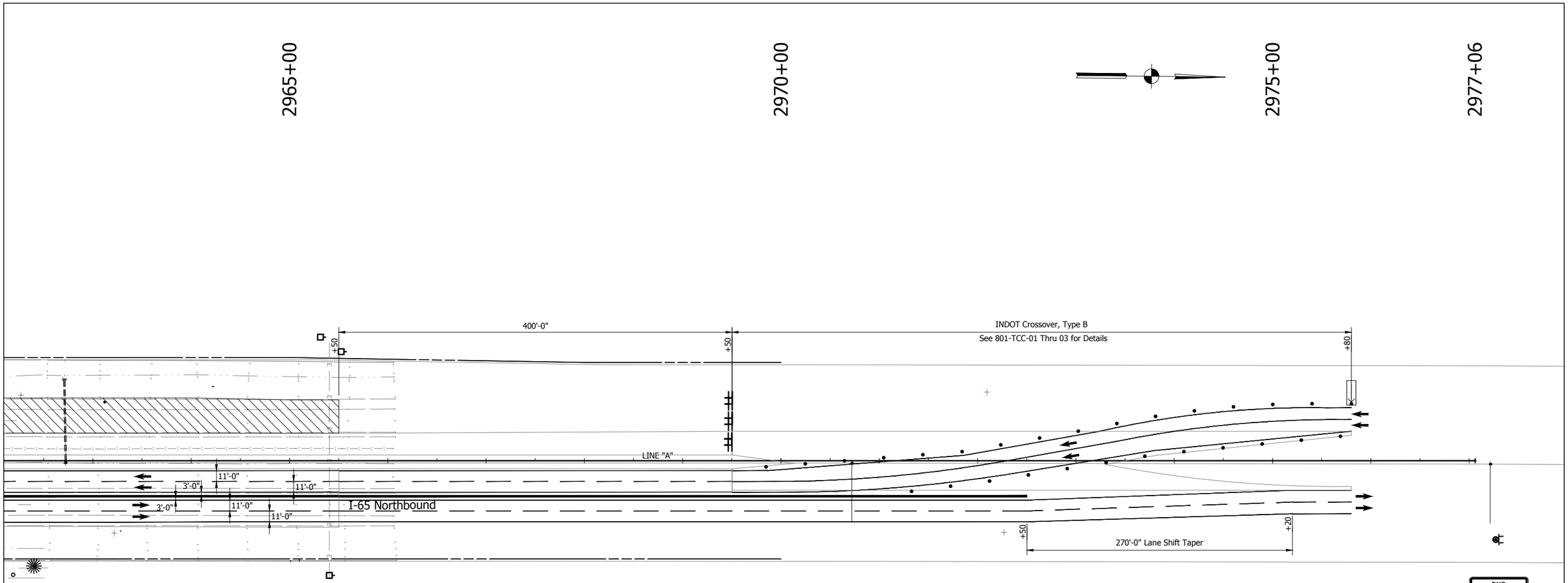
SURVEY BOOK	SHEETS
-	56 of 196
CONTRACT	PROJECT
R-28940	0501212



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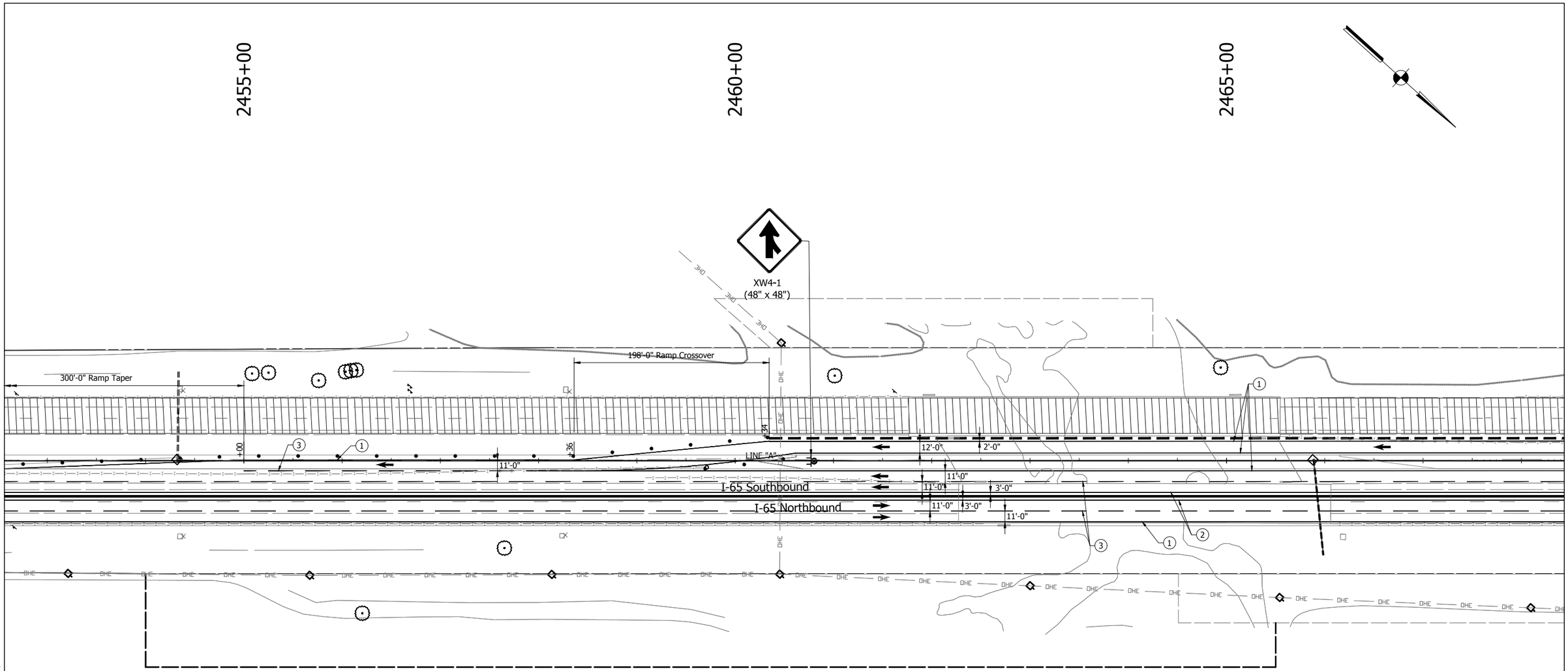
SURVEY BOOK	SHEETS
-	57 of 196
CONTRACT	PROJECT
R-28940	0501212



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MAINTENANCE OF TRAFFIC
PHASE 4A

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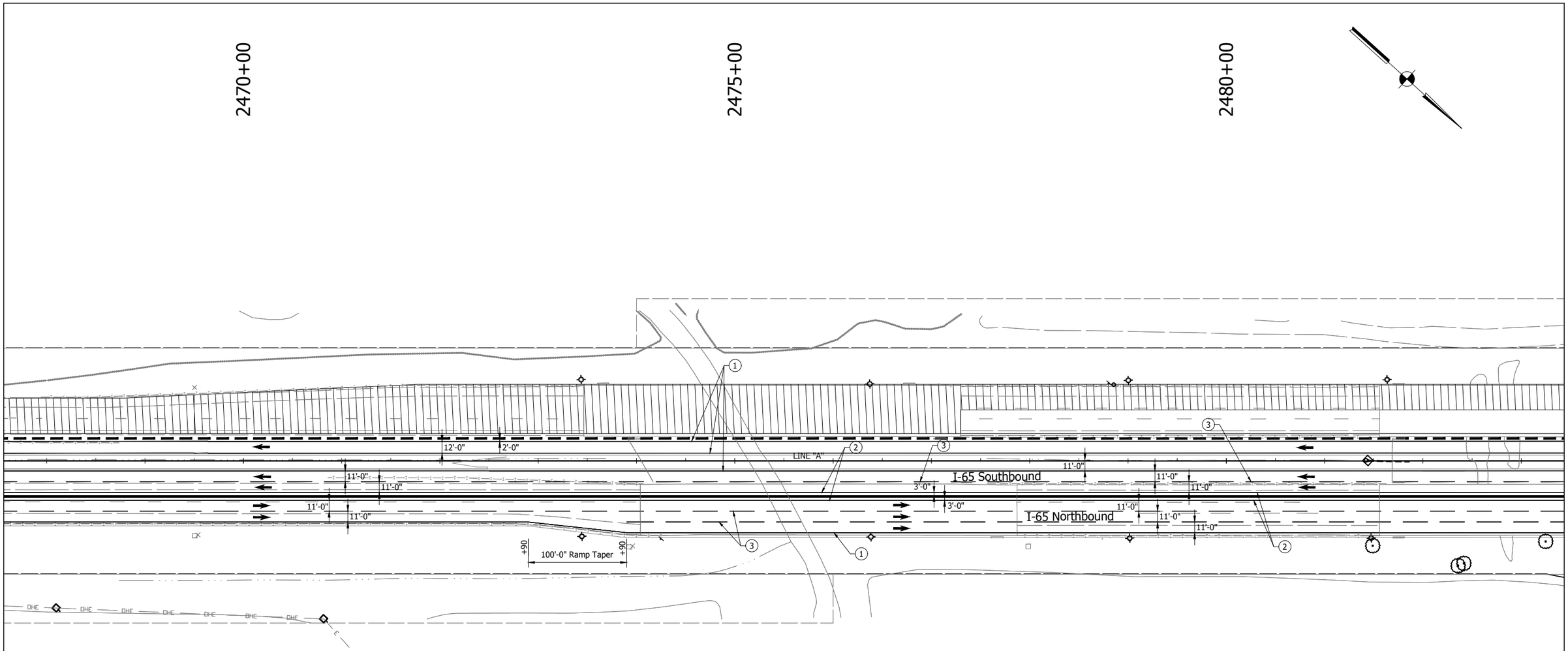
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	58 of 196
CONTRACT	PROJECT
R-28940	0501212



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N/A	0501212
SURVEY BOOK	SHEETS
-	59 of 196
CONTRACT	PROJECT
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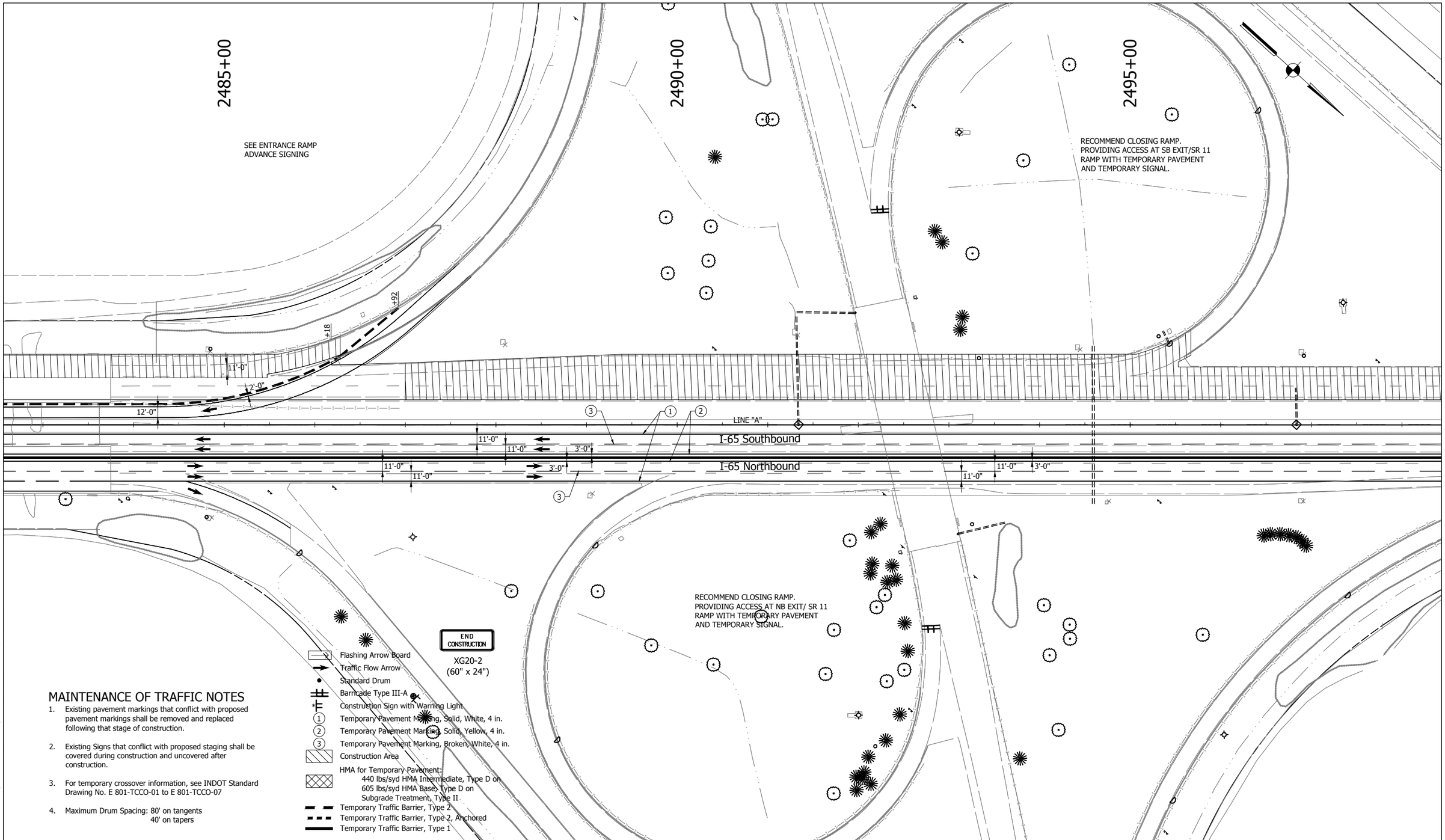

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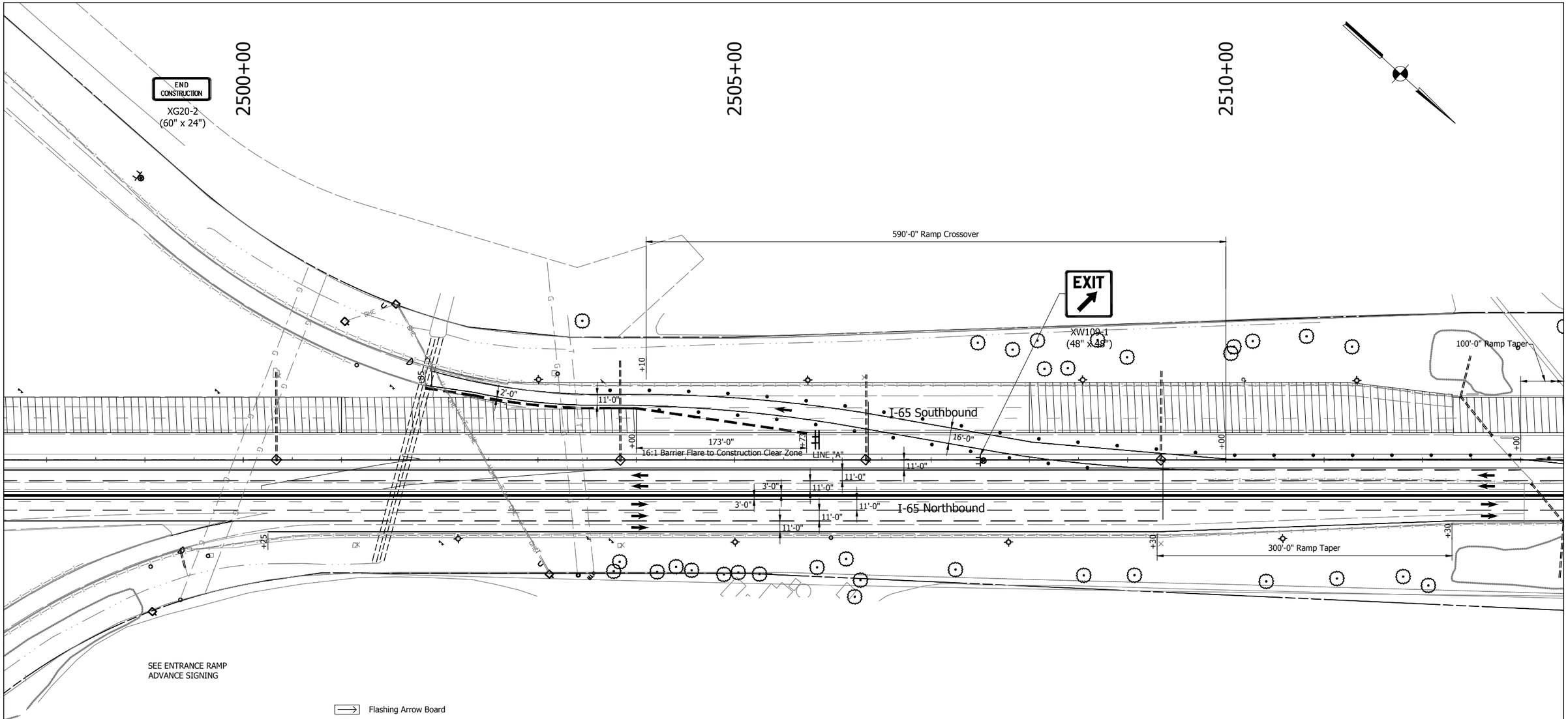

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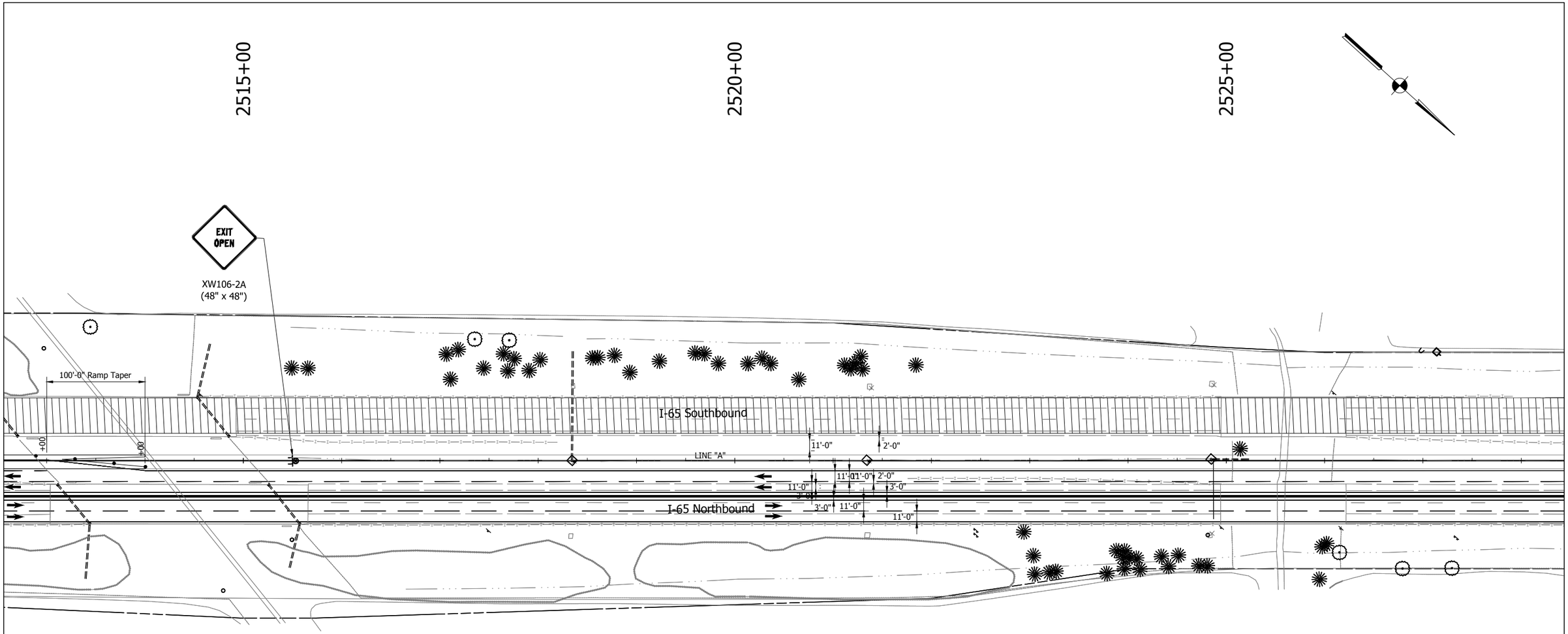
N/A	0501212
SURVEY BOOK	SHEETS
-	61 of 196
CONTRACT	PROJECT
R-28940	0501212



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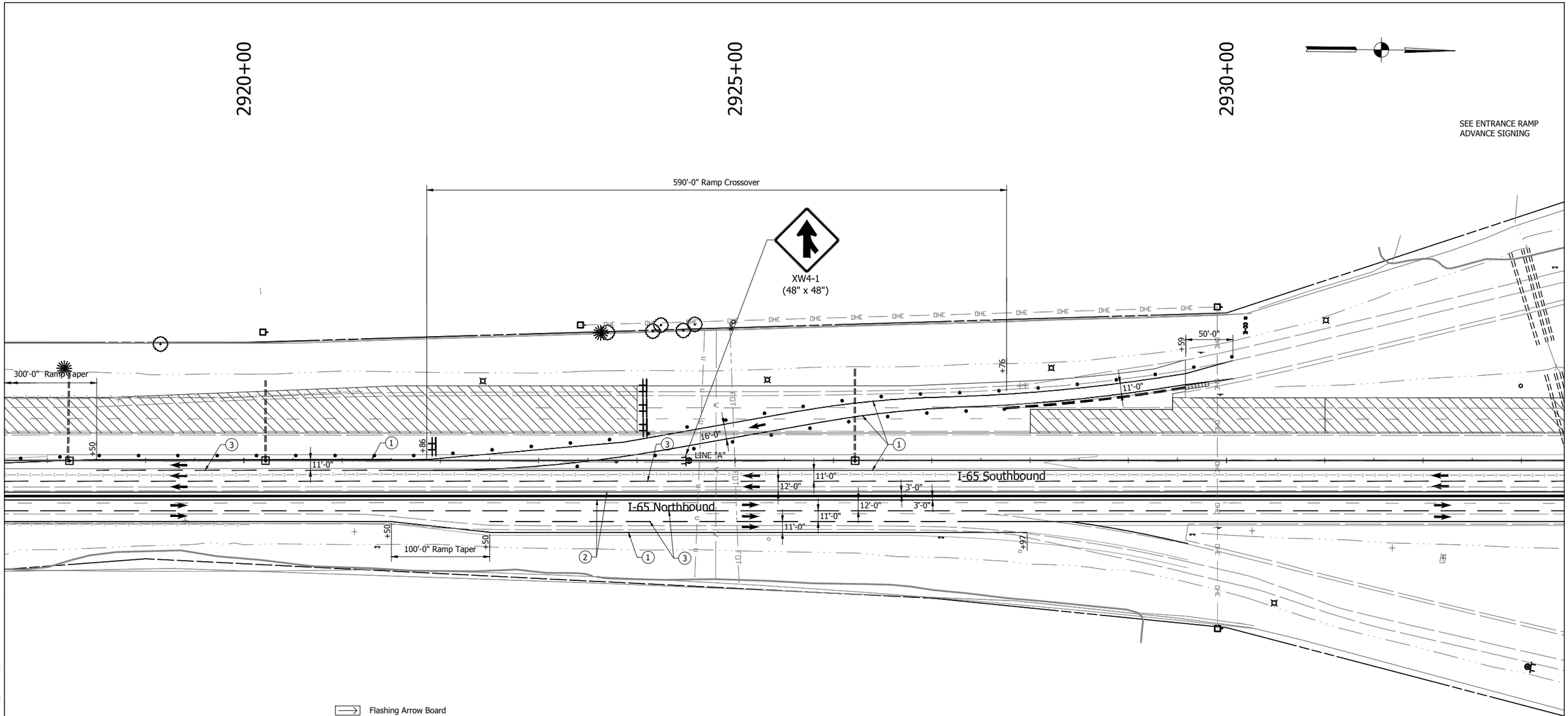
-	62 of 196
CONTRACT	PROJECT
R-28940	0501212



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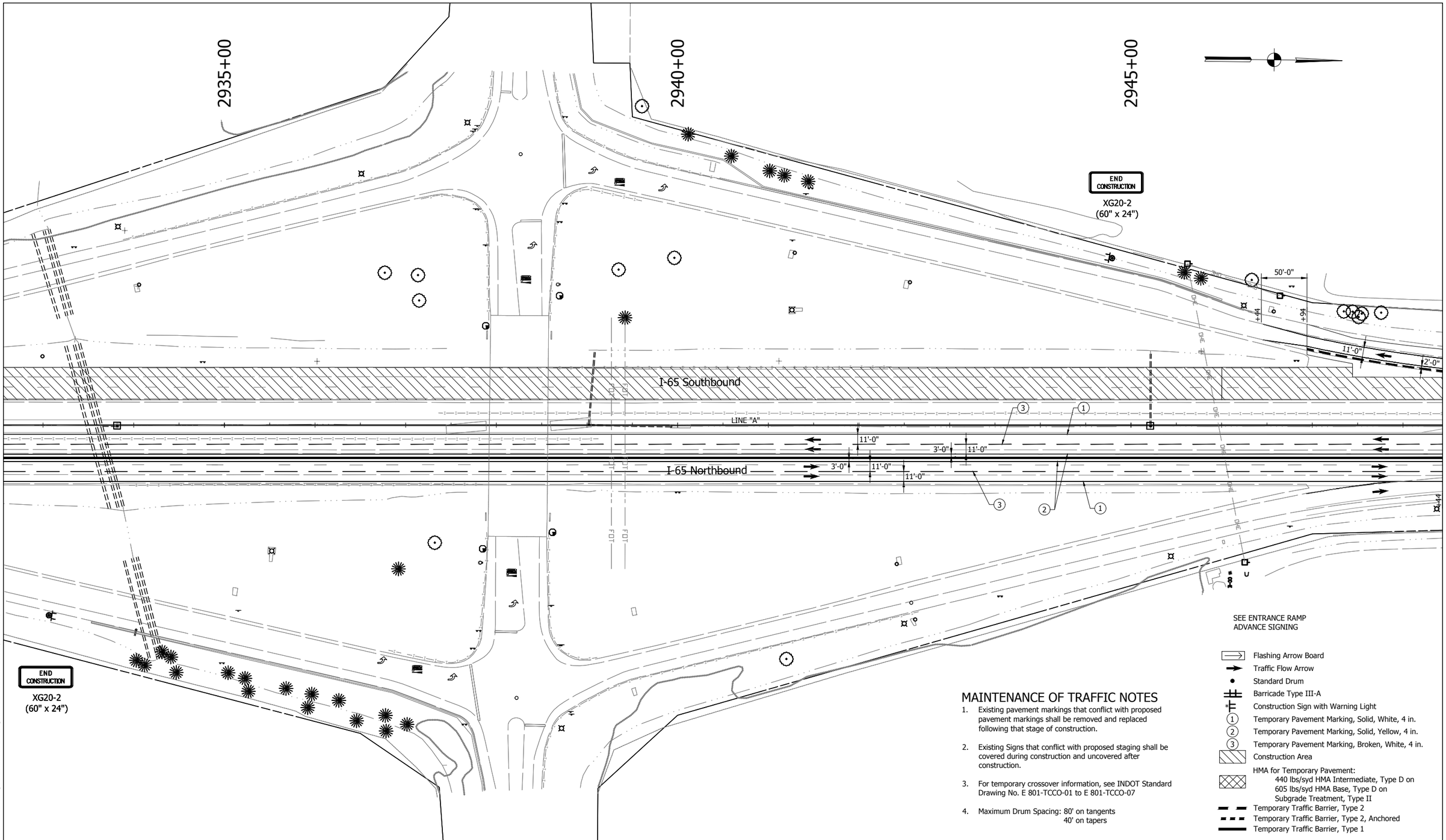

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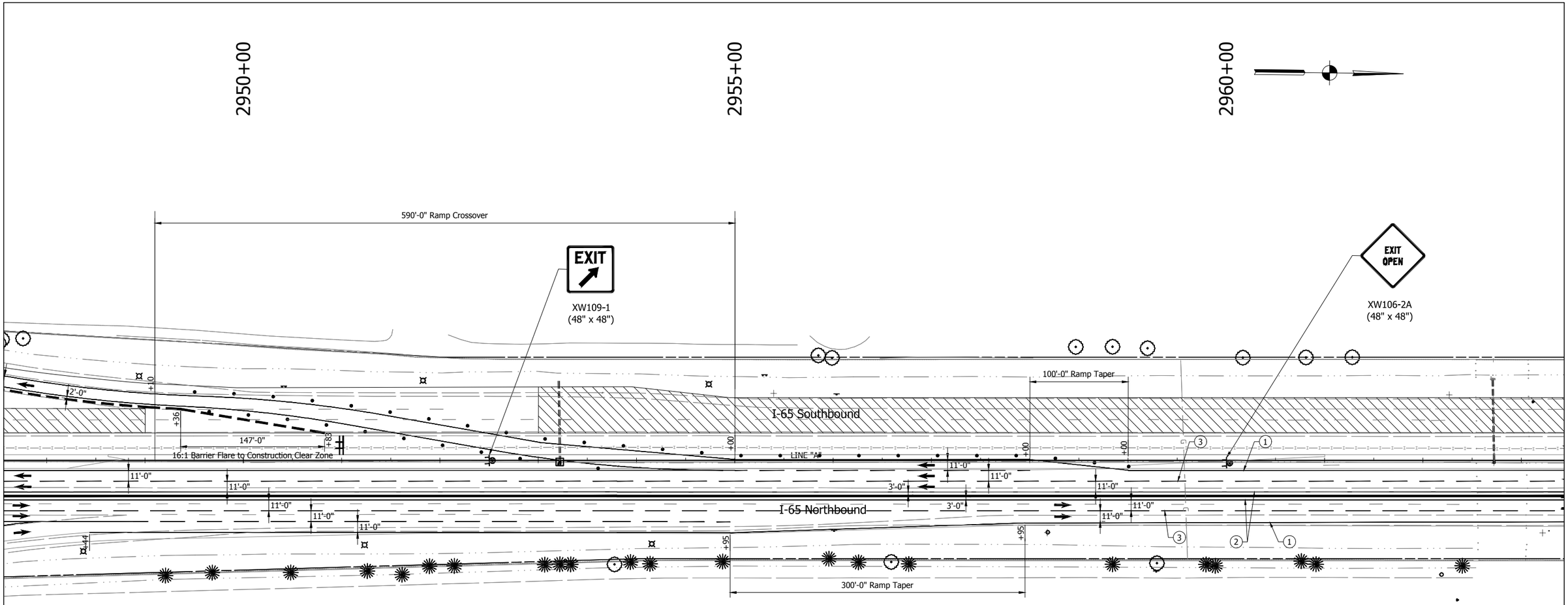

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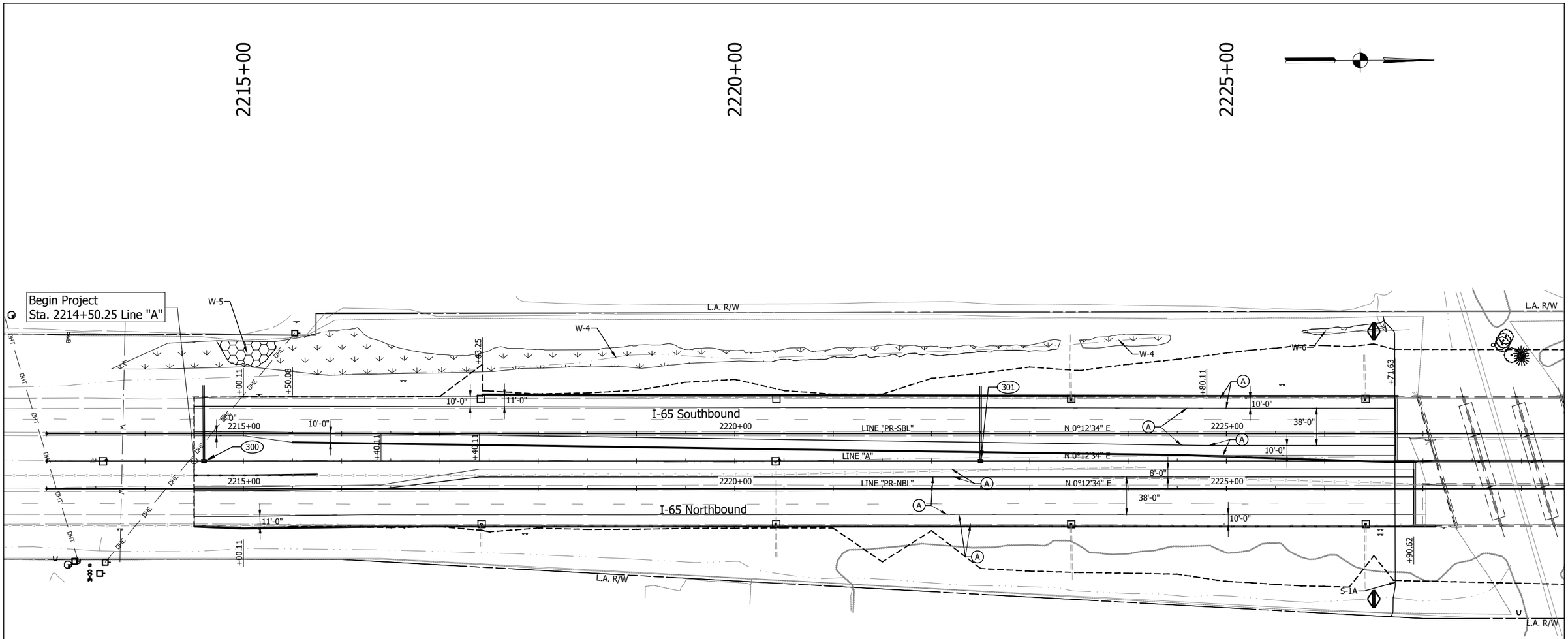

LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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DESIGN ENGINEER DATE

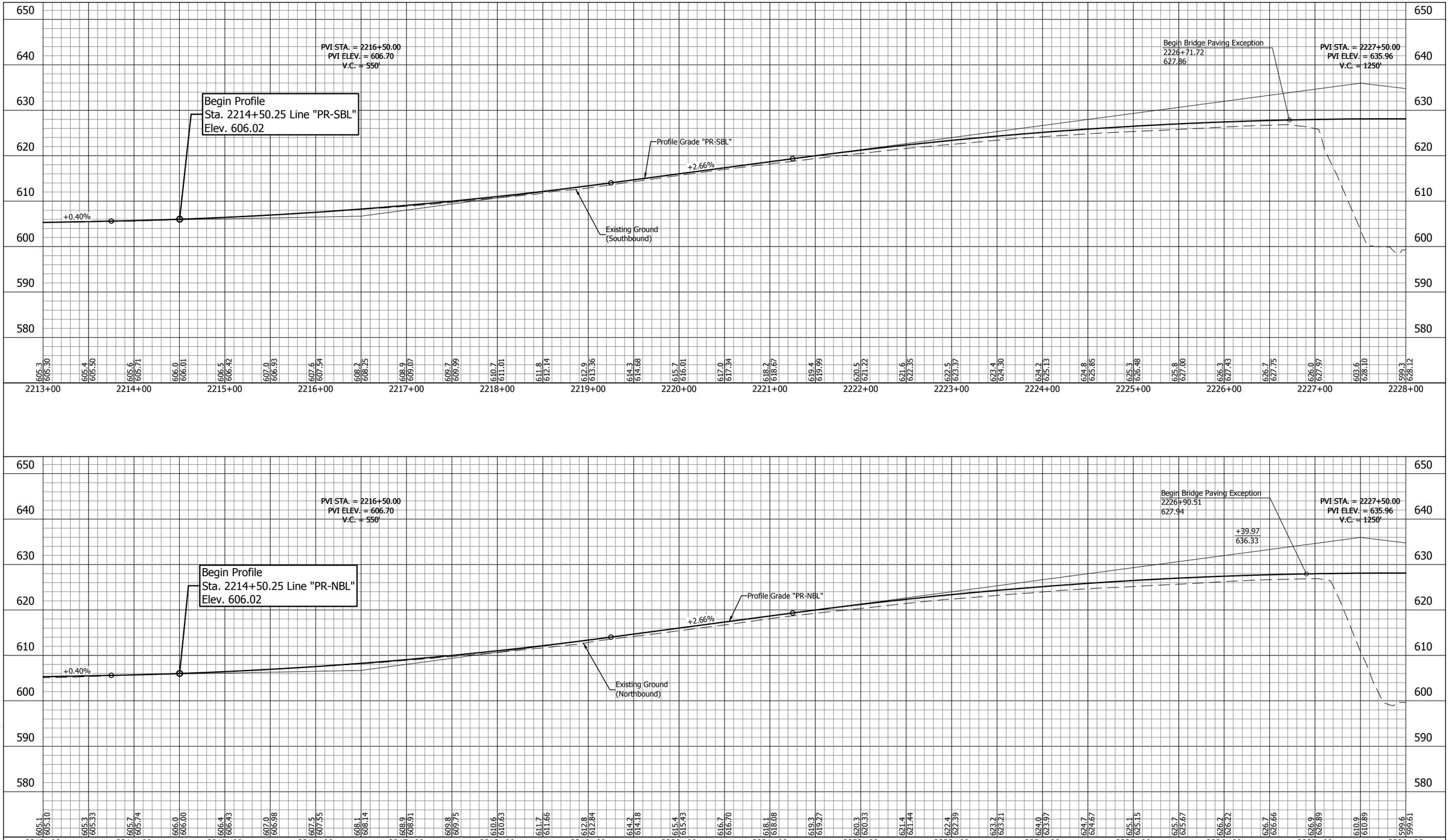
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	66 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSI\HFS\Road\Proj\CD\IN\K16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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INDIANA
DEPARTMENT OF TRANSPORTATION

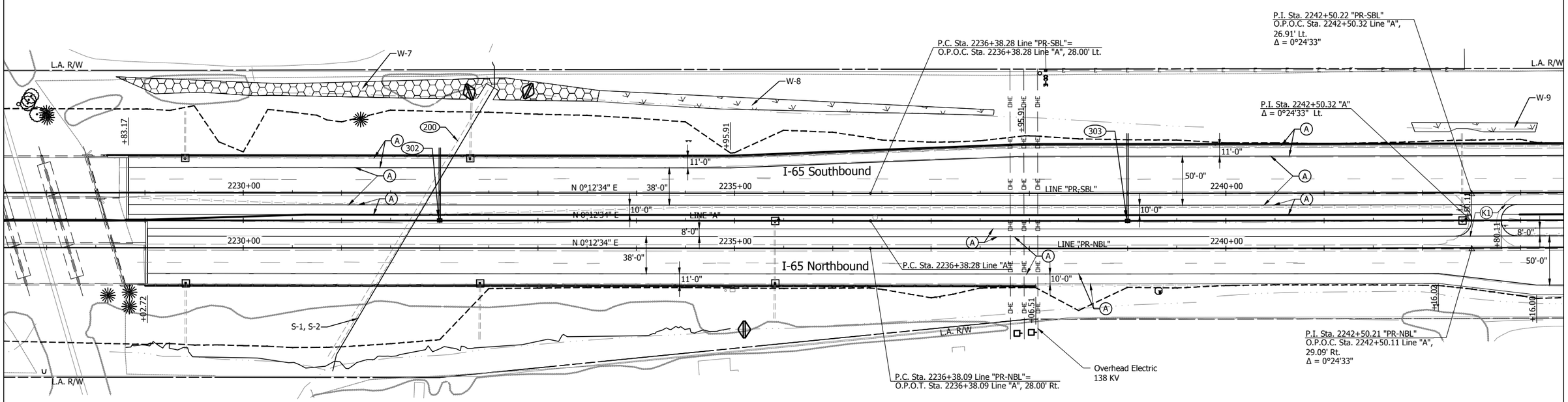
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	67 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\VK\16-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

CURVE DATA
P.I. Sta 2242+50.32 Line "A"
Delta = 0°24'33" Lt.
R = 171357.00'
T = 612.04'
L = 1224.07'
E = 1.09'
SE = N.A.

CURVE DATA
P.I. Sta 2242+50.22 Line "PR-SBL"
Delta = 0°24'33" Lt.
R = 171329.00'
T = 611.94'
L = 1223.88'
E = 1.09'
SE = NC



CURVE DATA
P.I. Sta 2242+50.21 Line "PR-NBL"
Delta = 0°24'33" Lt.
R = 171385.00'
T = 612.12'
L = 1224.24'
E = 1.09'
SE = NC

LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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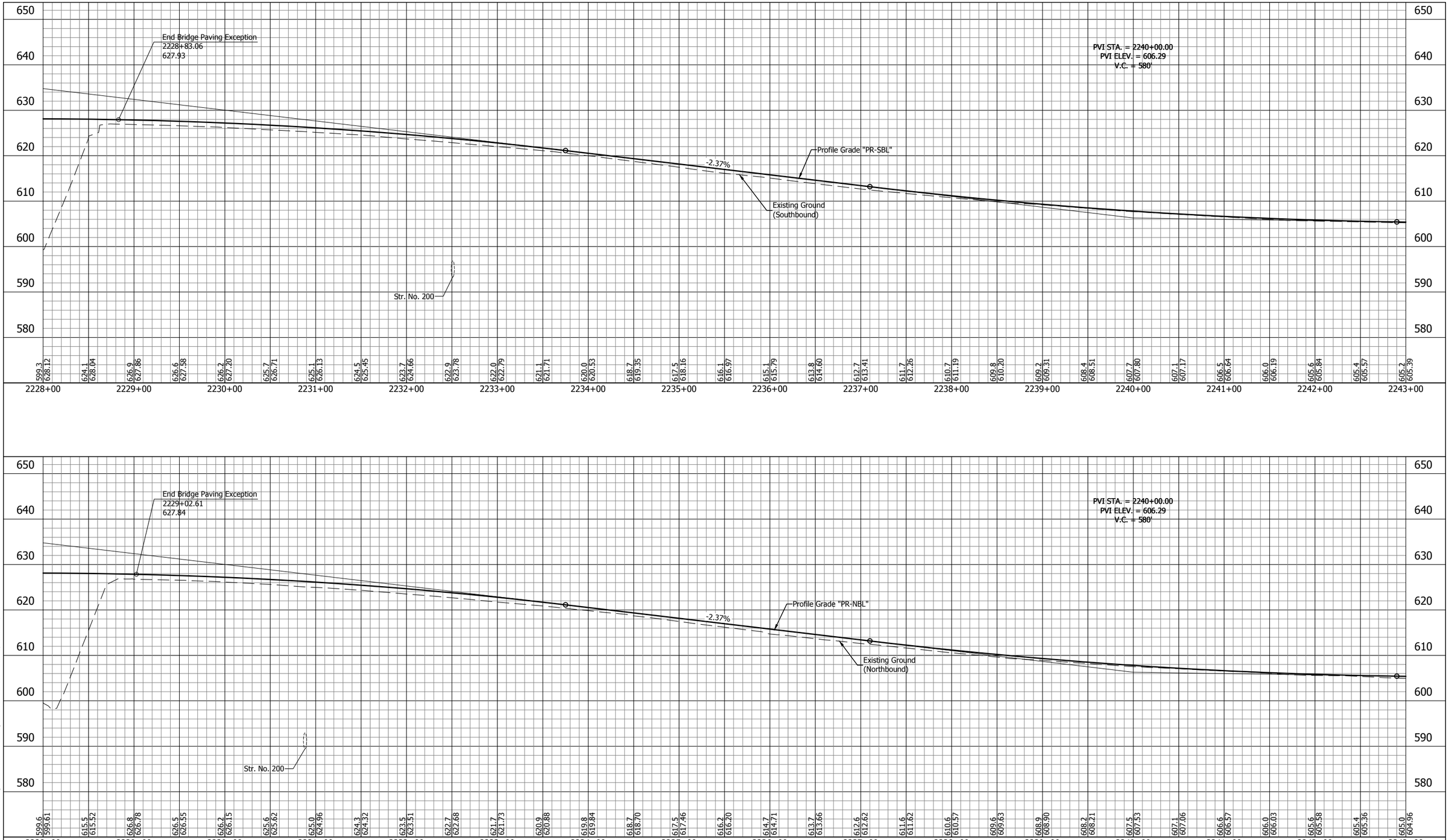
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	68 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\WK16-46S\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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DESIGNED: SRP | DRAWN: MAC

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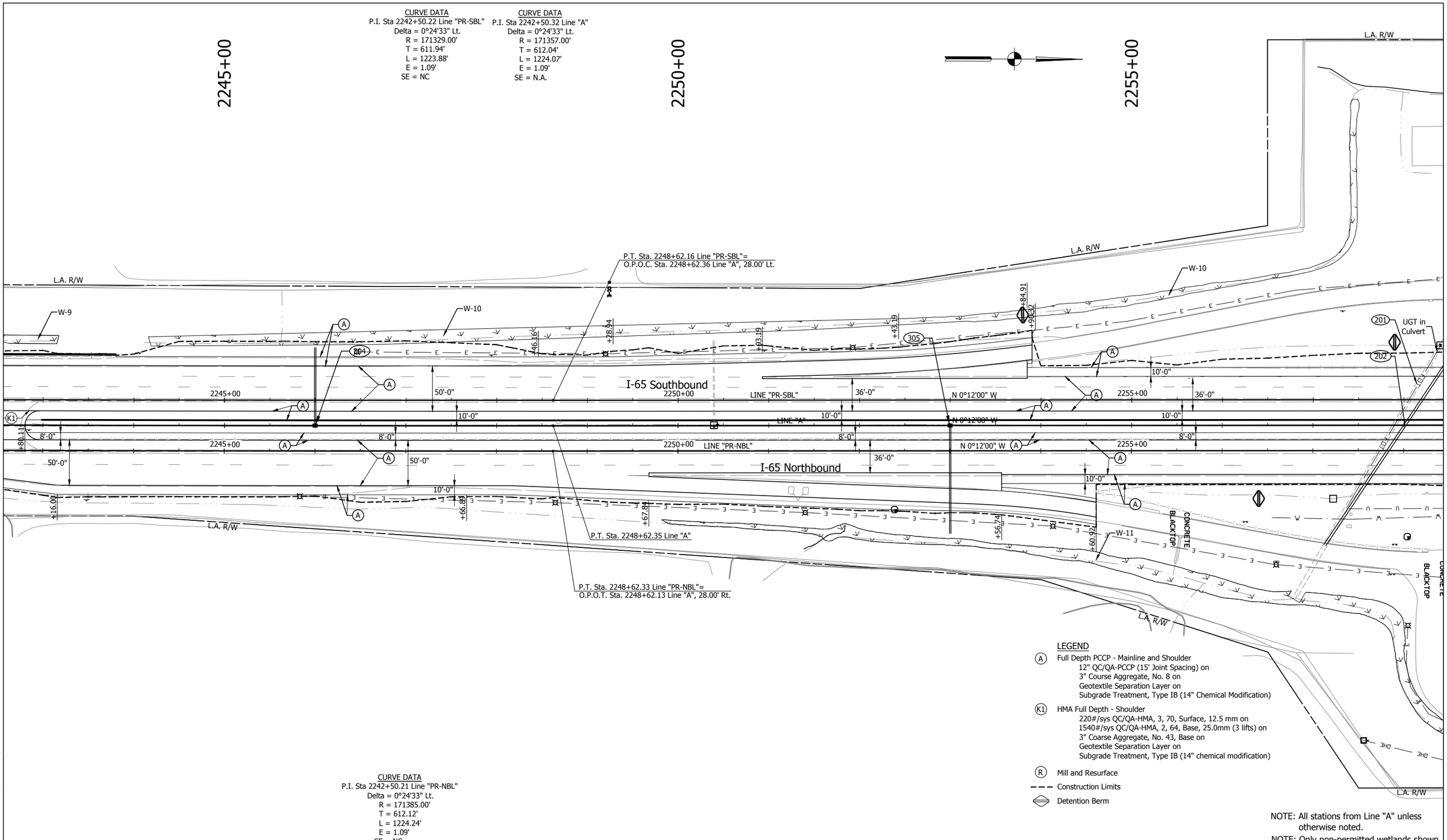
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	69 of 196
CONTRACT	PROJECT
R-28940	0501212

CURVE DATA
P.I. Sta 2242+50.22 Line "PR-SBL"
Delta = 0°24'33" Lt.
R = 171329.00'
T = 611.94'
L = 1223.88'
E = 1.09'
SE = NC

CURVE DATA
P.I. Sta 2242+50.32 Line "A"
Delta = 0°24'33" Lt.
R = 171357.00'
T = 612.04'
L = 1224.07'
E = 1.09'
SE = N.A.



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

CURVE DATA
P.I. Sta 2242+50.21 Line "PR-NBL"
Delta = 0°24'33" Lt.
R = 171385.00'
T = 612.12'
L = 1224.24'
E = 1.09'
SE = NC

NOTE: All stations from Line "A" unless otherwise noted.
NOTE: Only non-permitted wetlands shown.

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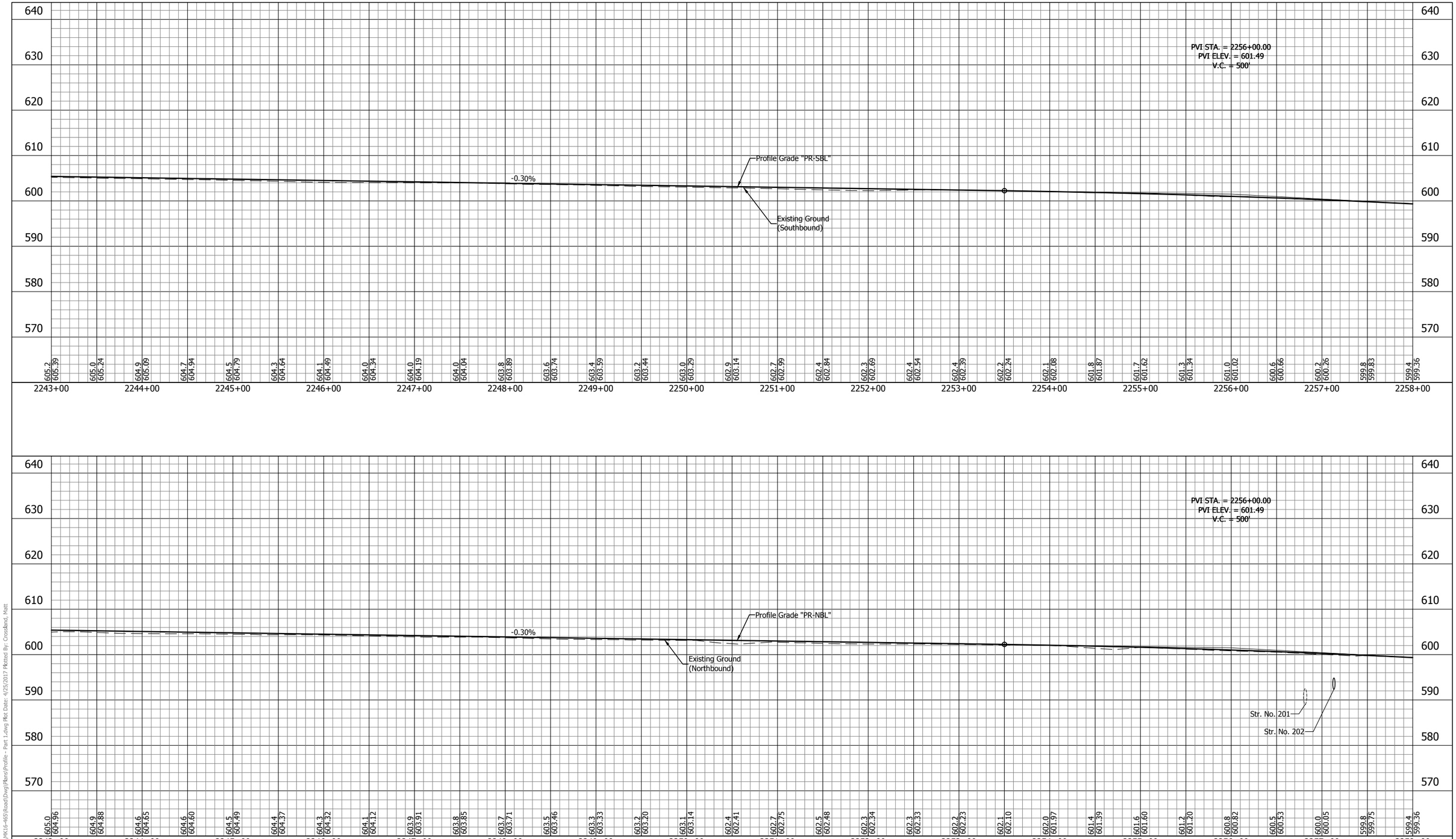
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	70 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHPS\Road1\Proj\C30\WI16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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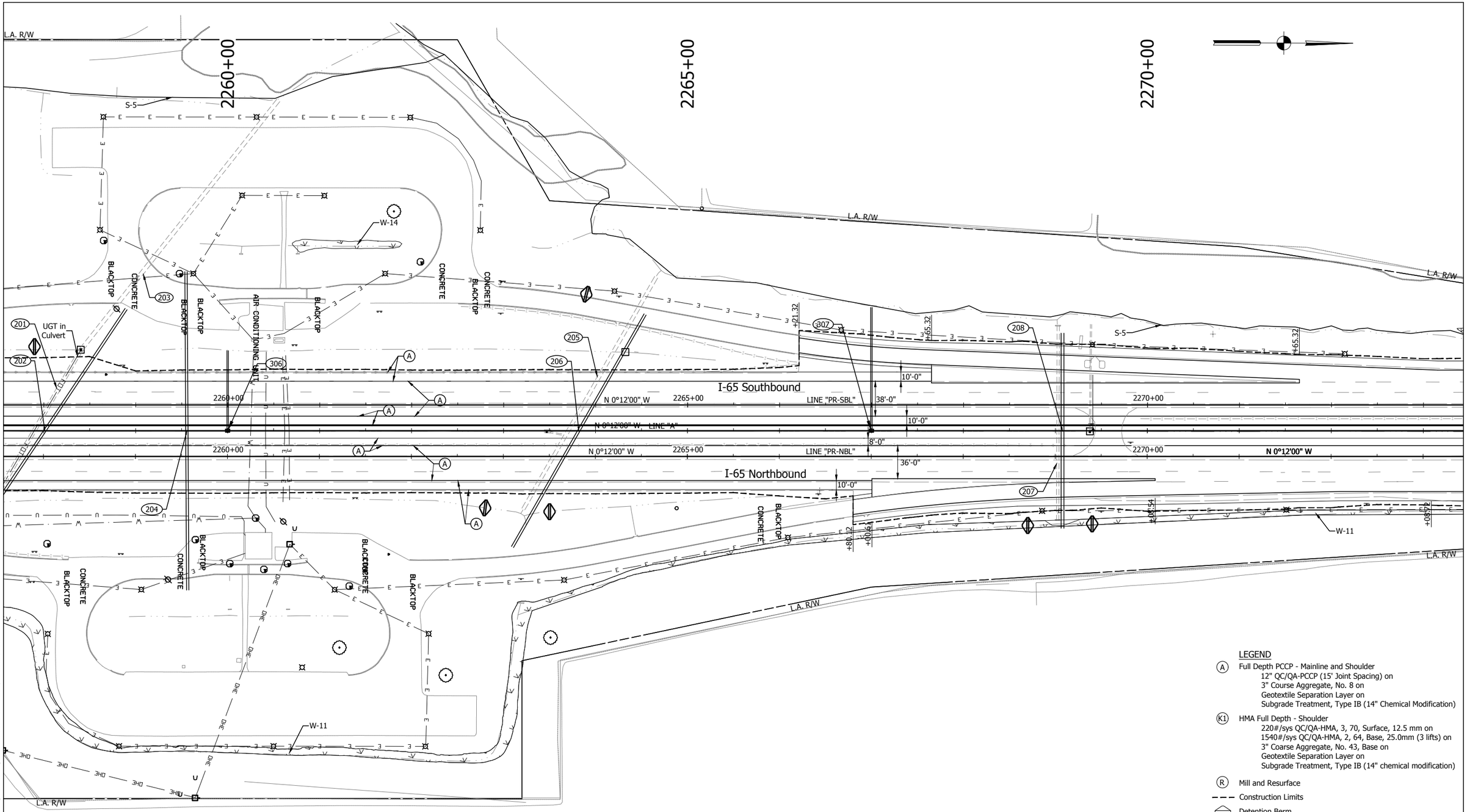
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	71 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\WK16-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossdana, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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NOTE: Only non-permitted wetlands shown.

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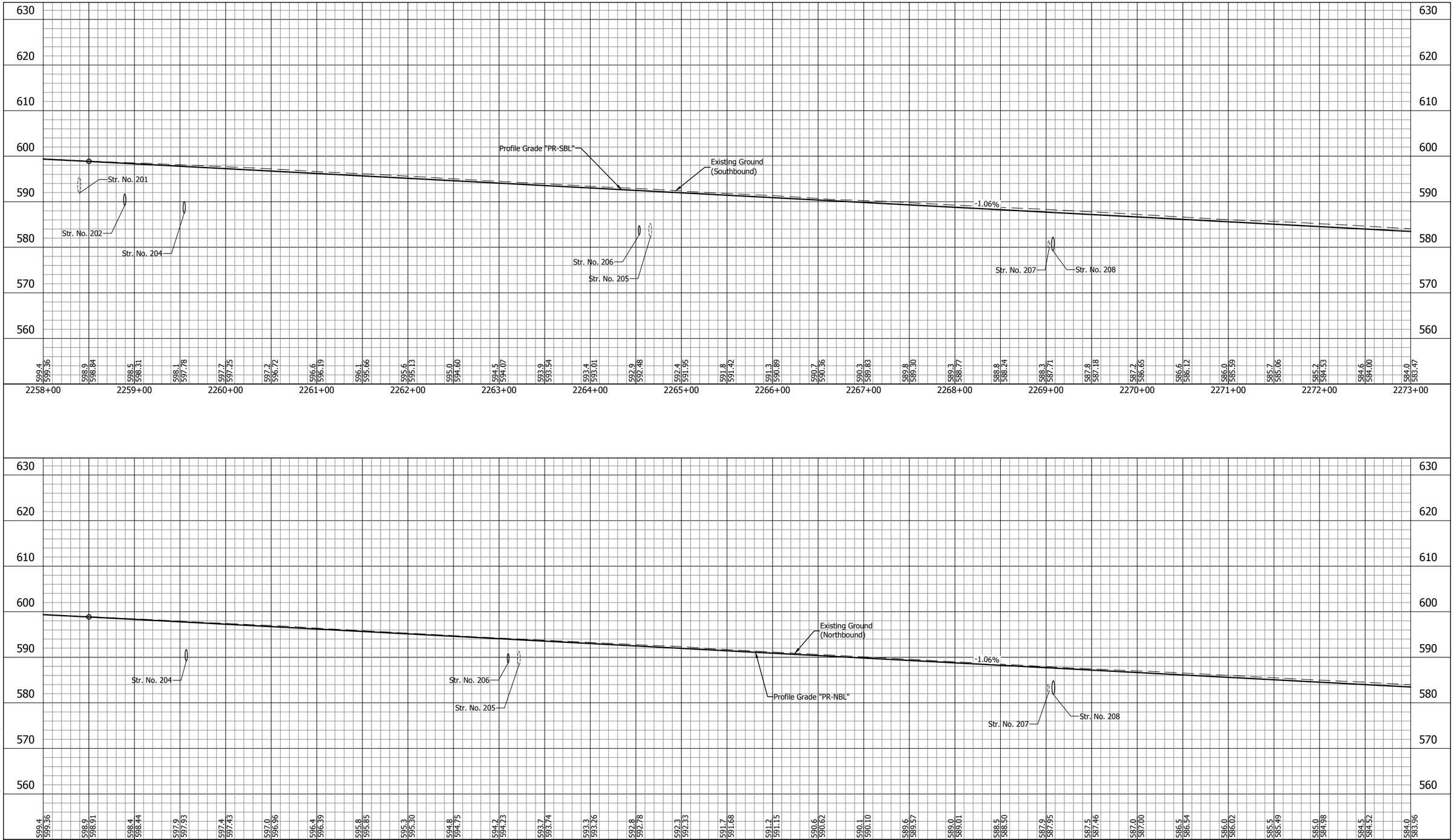
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	72 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road\Proj\C30\MK\I-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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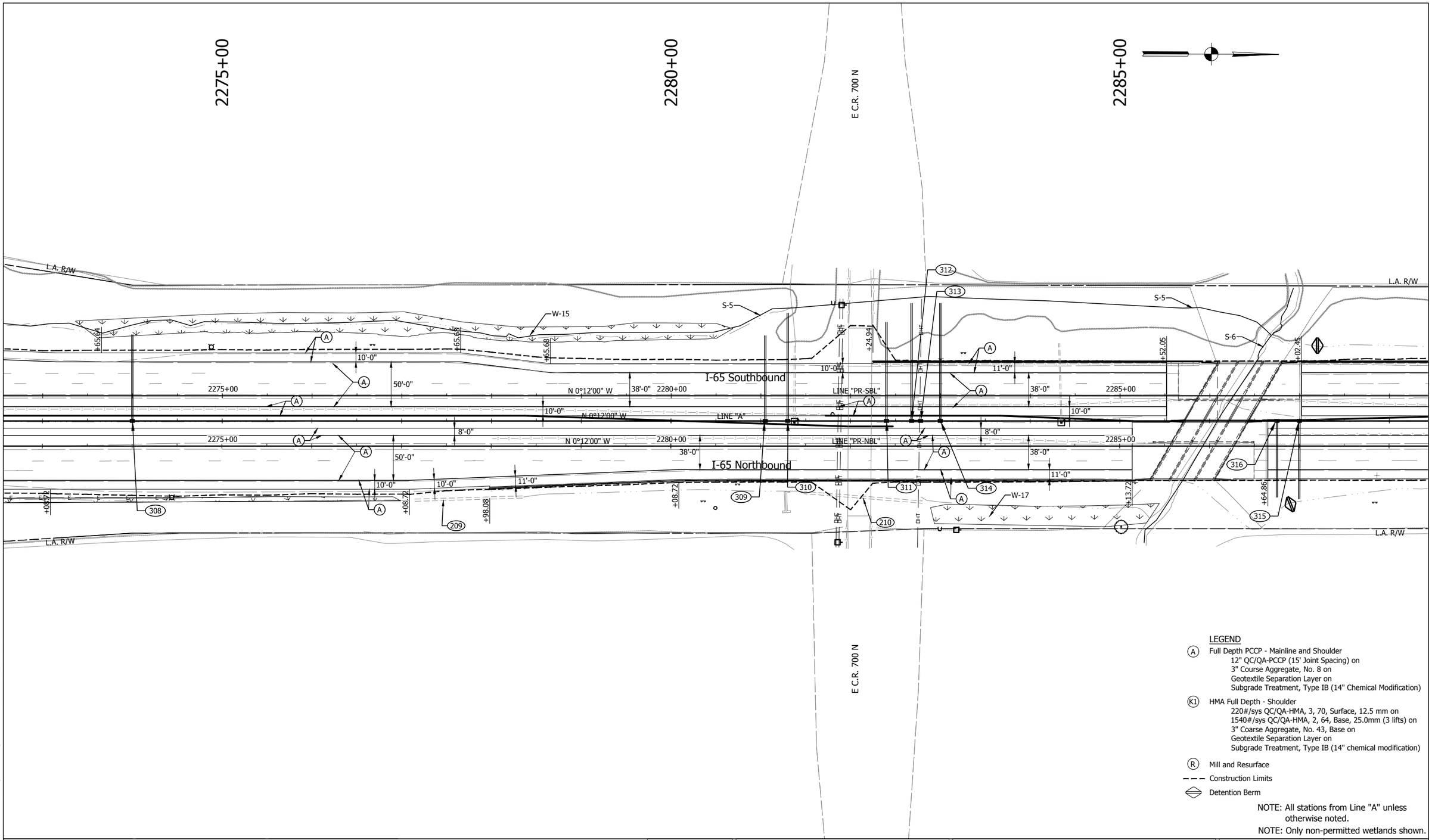
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	73 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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DESIGNED: SRP DRAWN: MAC
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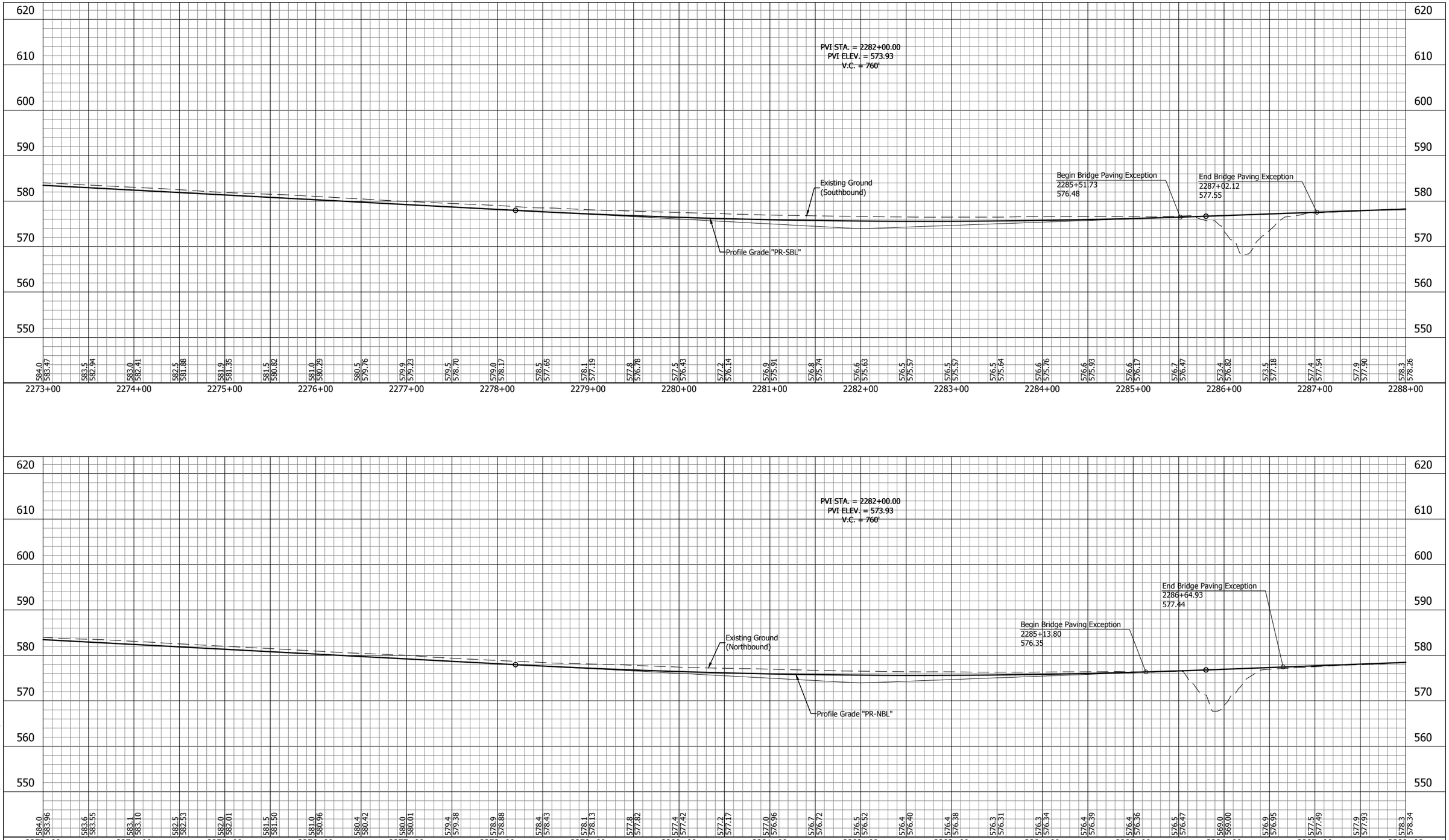
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	74 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSPMFS\Road1Proj\C30\MK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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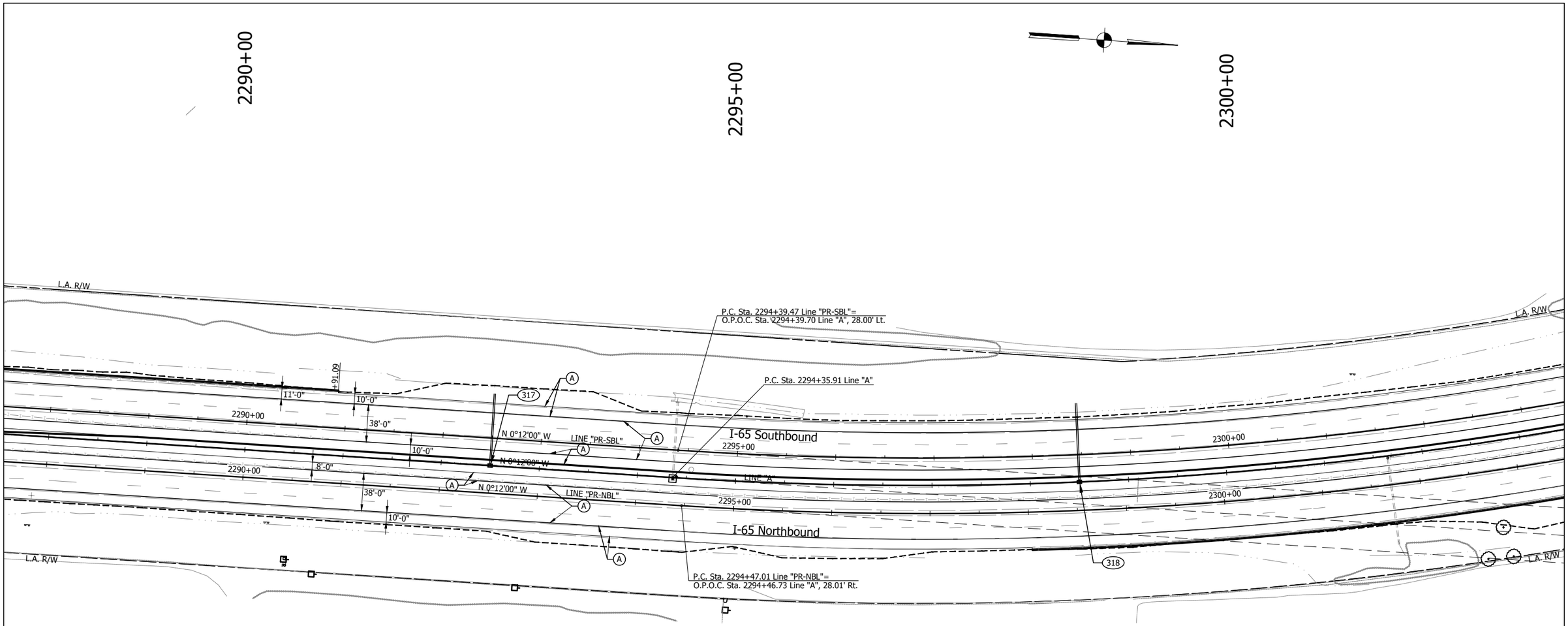
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	75 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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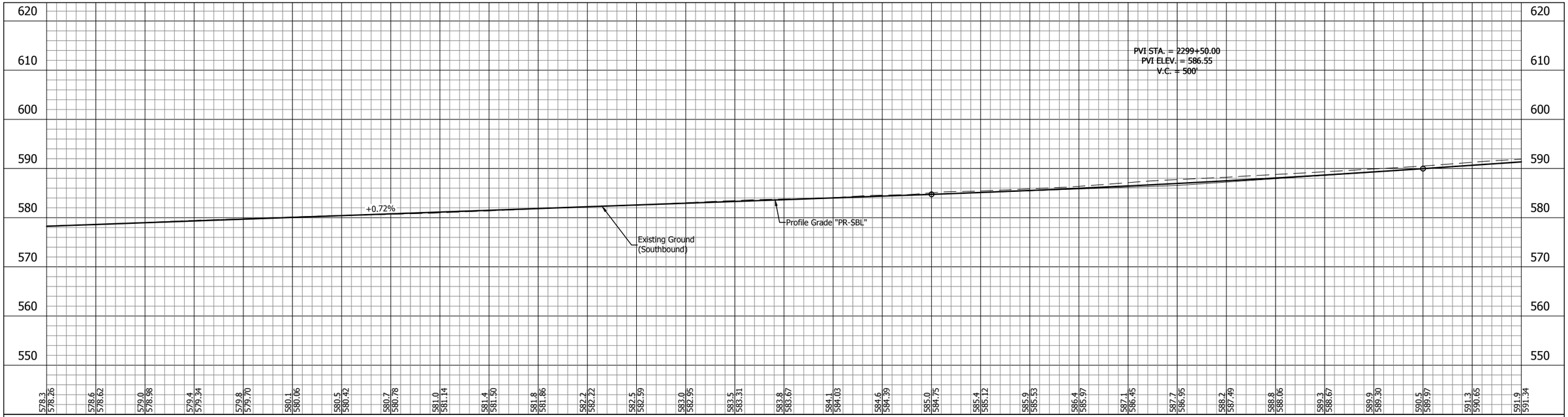
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

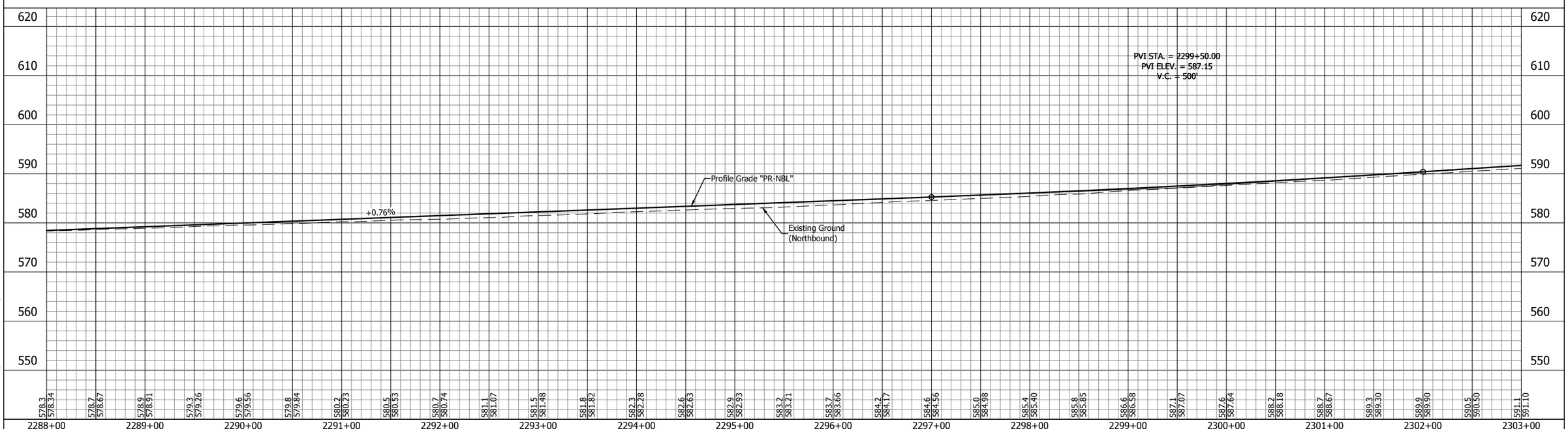
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	76 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road\Proj\CSD\9K16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt





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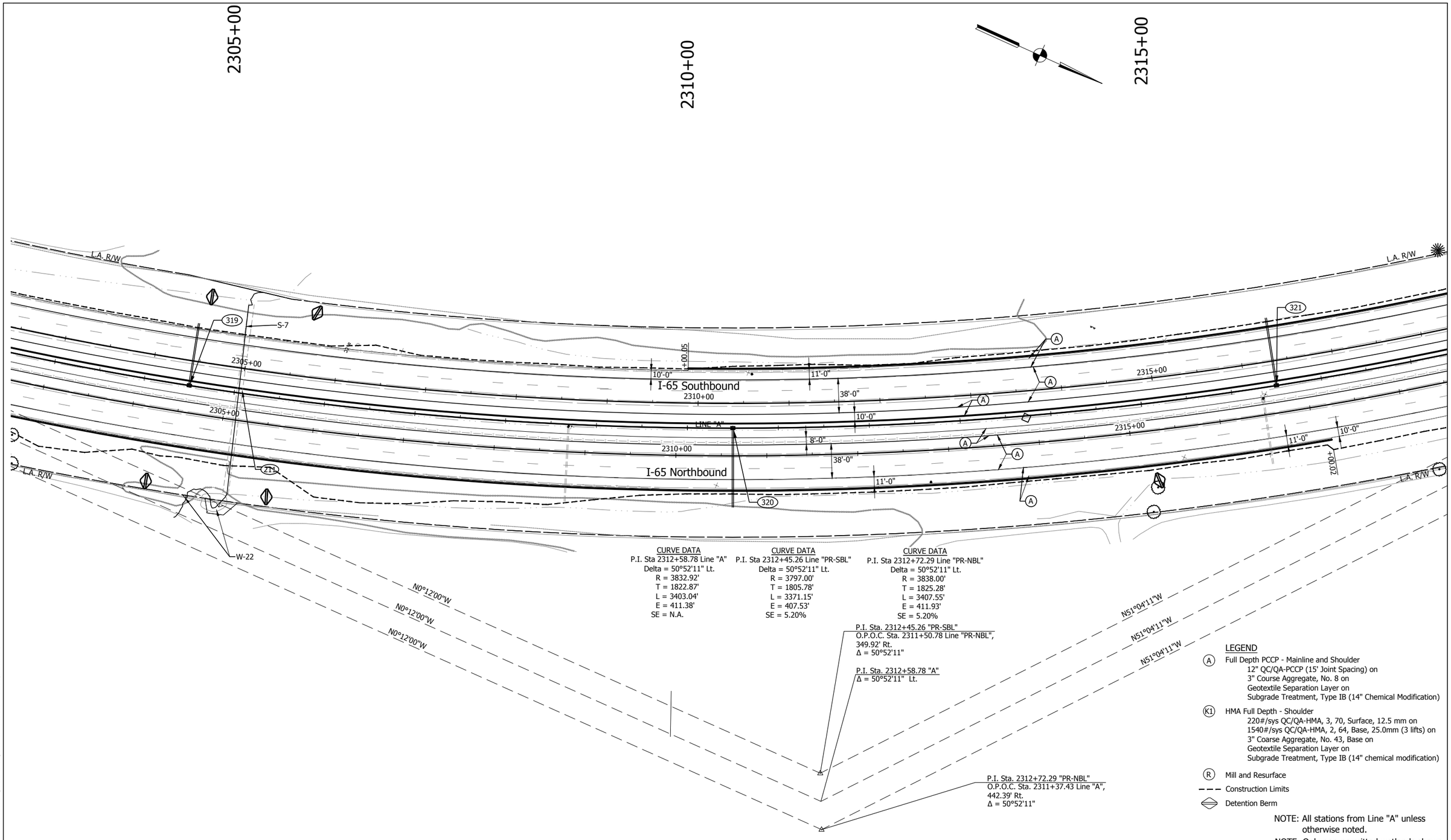
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	77 of 196
CONTRACT	PROJECT
R-28940	0501212



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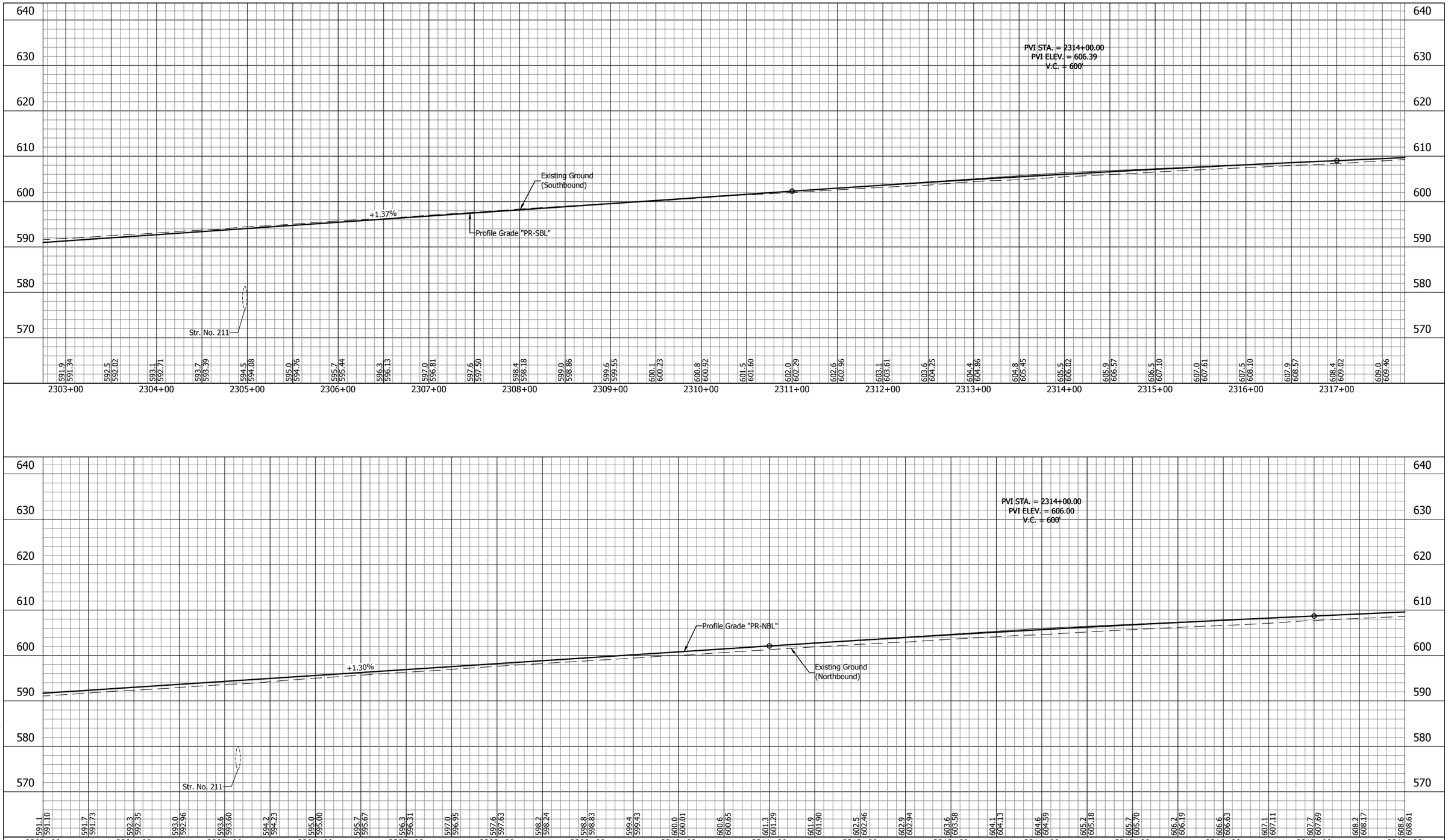
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	78 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C30\1K16-46S\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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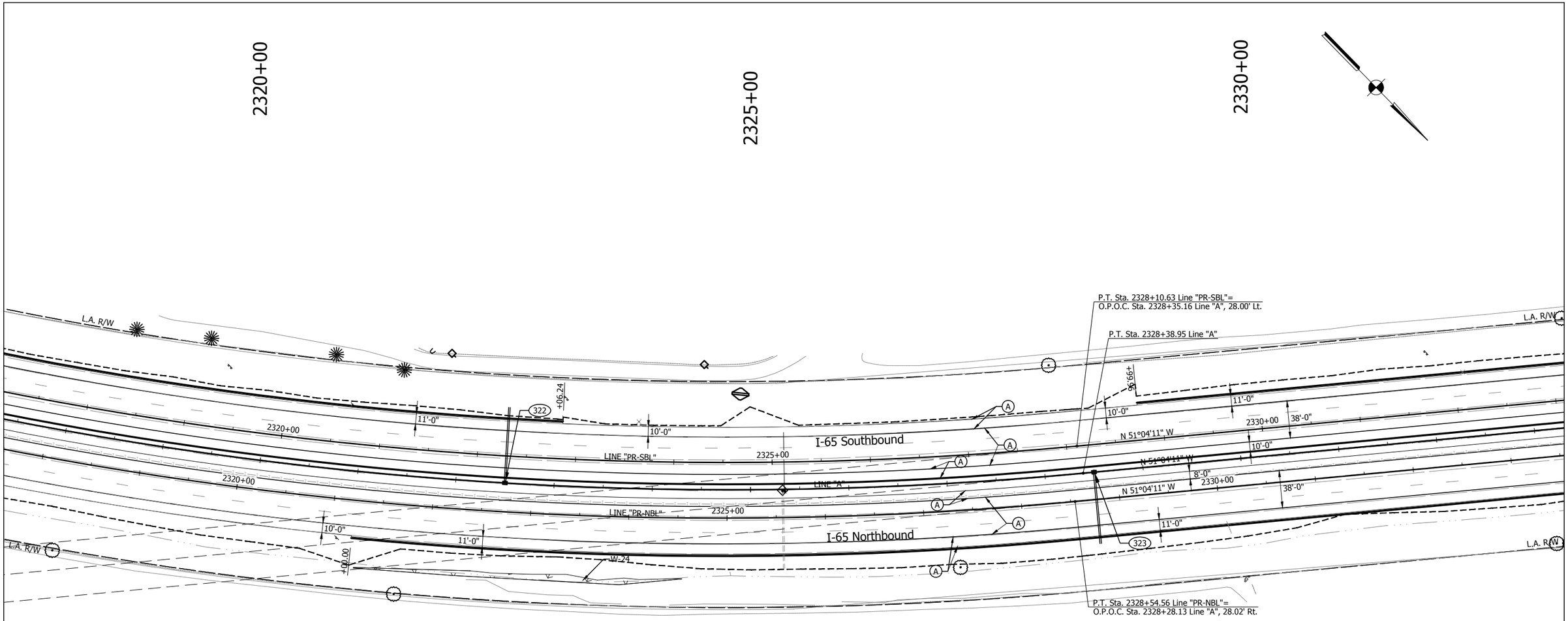
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	79 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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DESIGN ENGINEER DATE

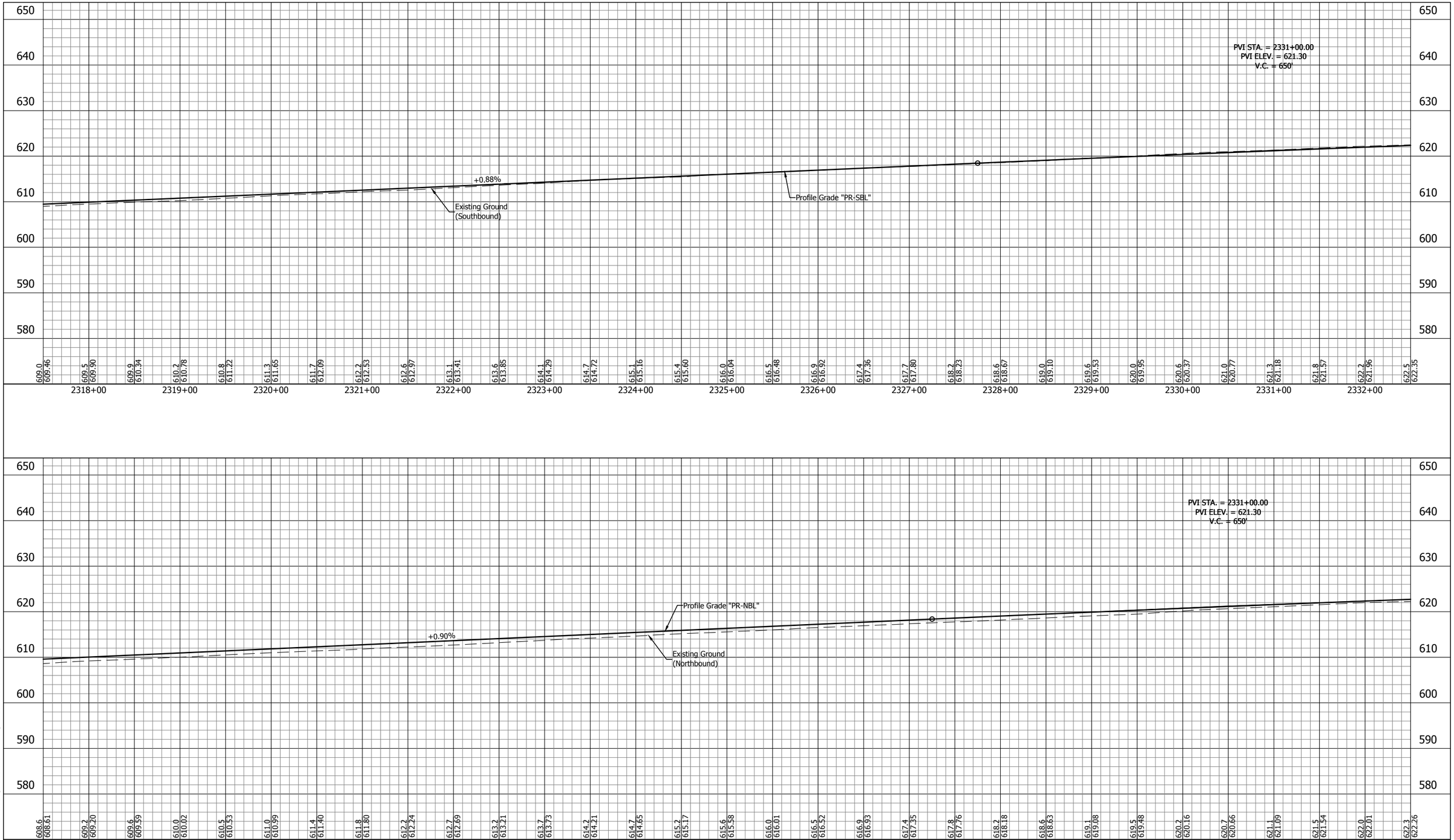
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	80 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\CAD\INK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: SRP | DRAWN: MAC

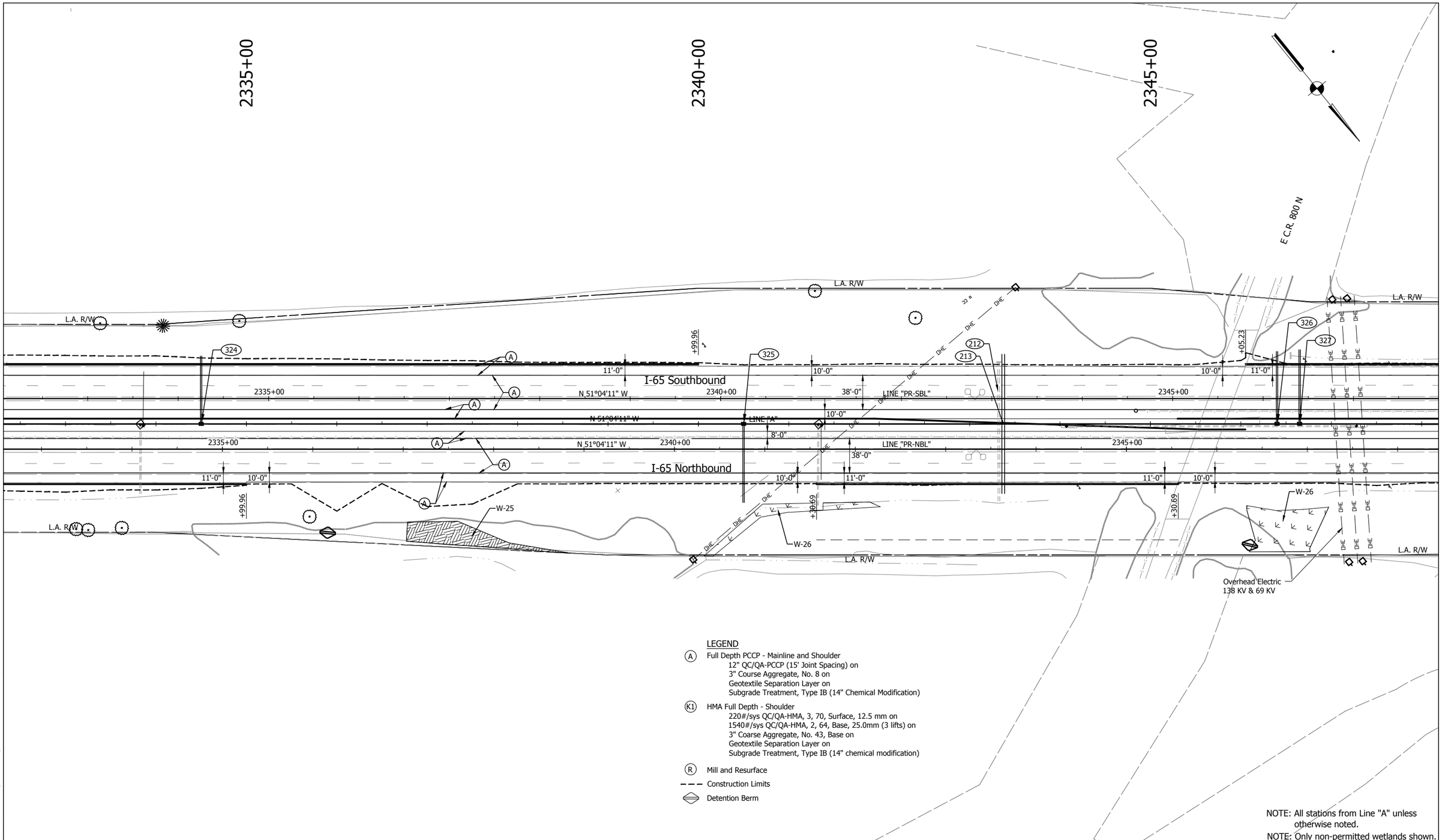
CHECKED: BJP | CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	81 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\Wk\15-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.
NOTE: Only non-permitted wetlands shown.

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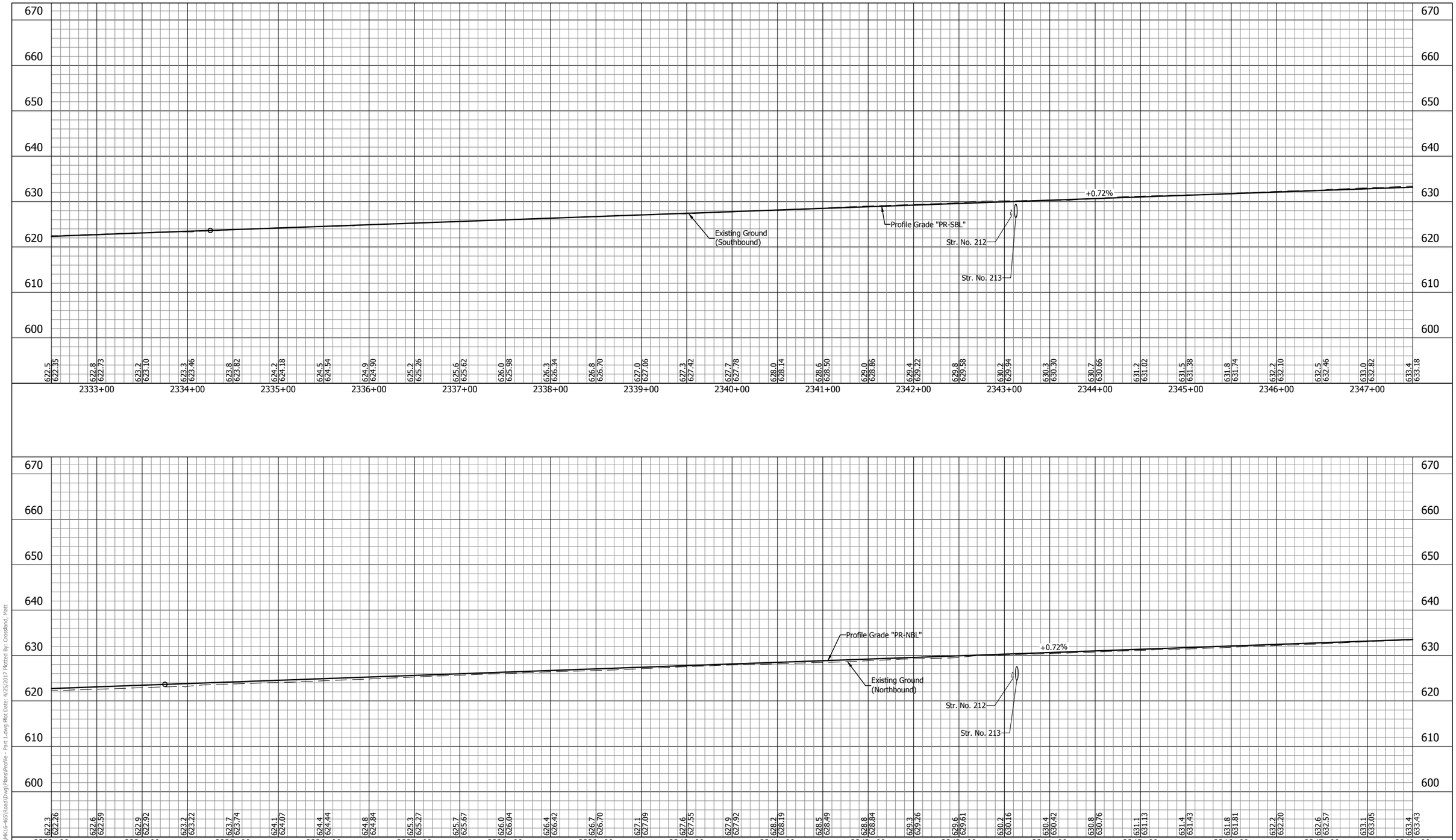
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	82 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDMFS\Road\Proj\C30\MK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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CHECKED: BJP | CHECKED: BJP

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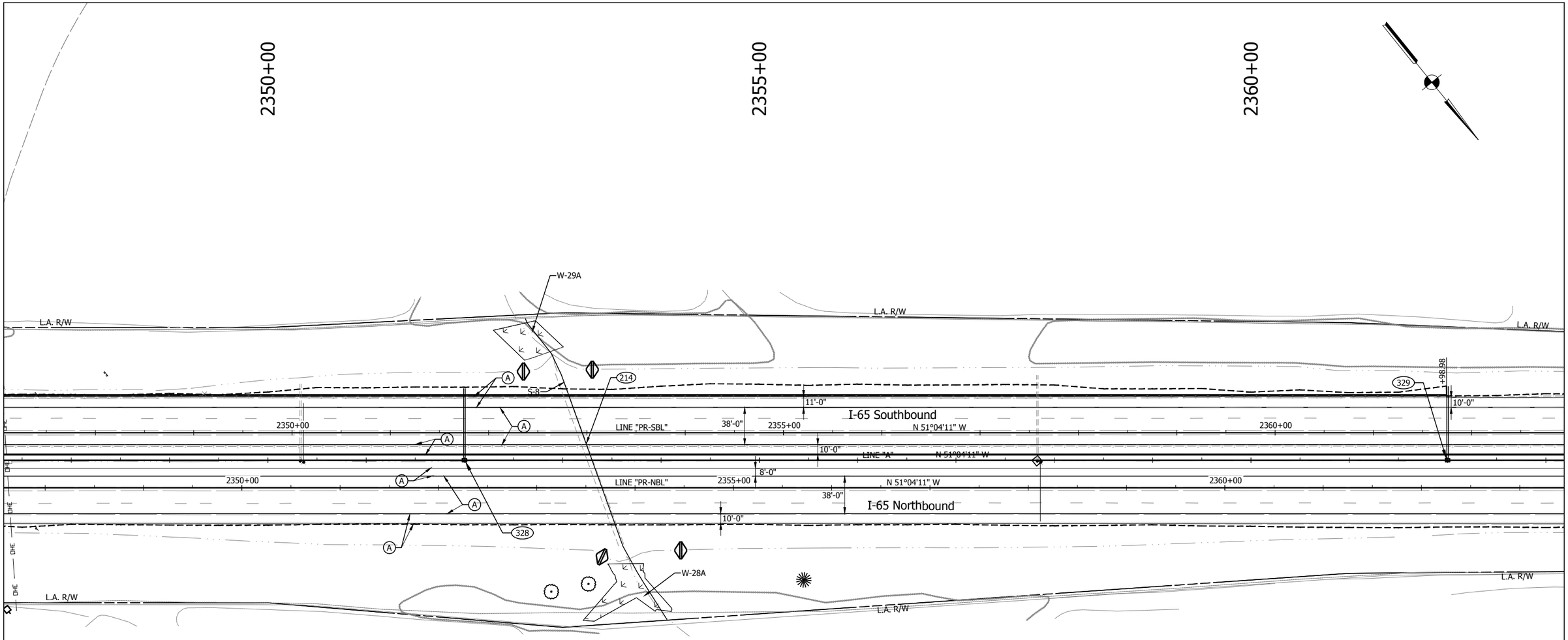
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	83 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\VK\16-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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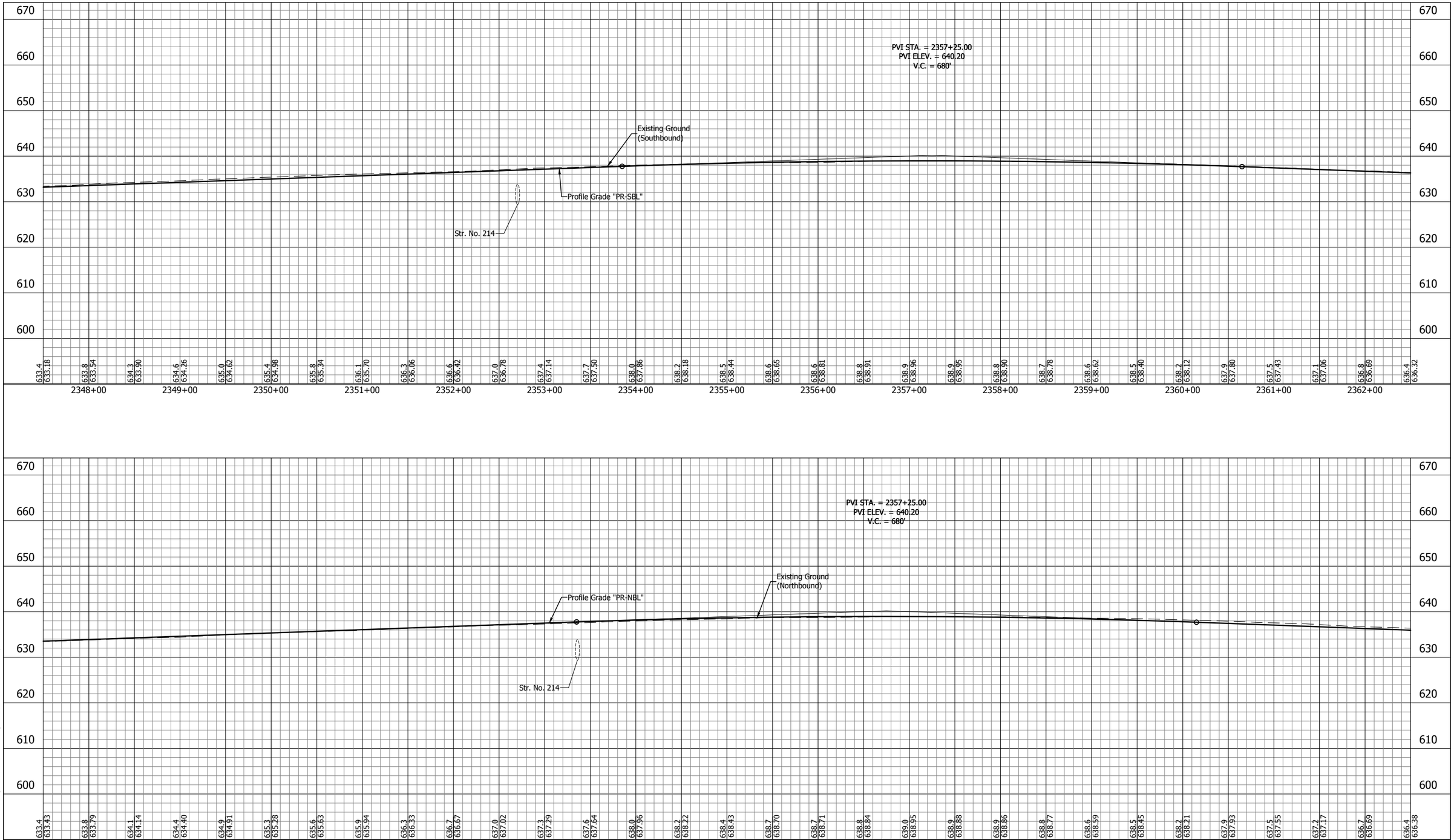
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	84 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\MK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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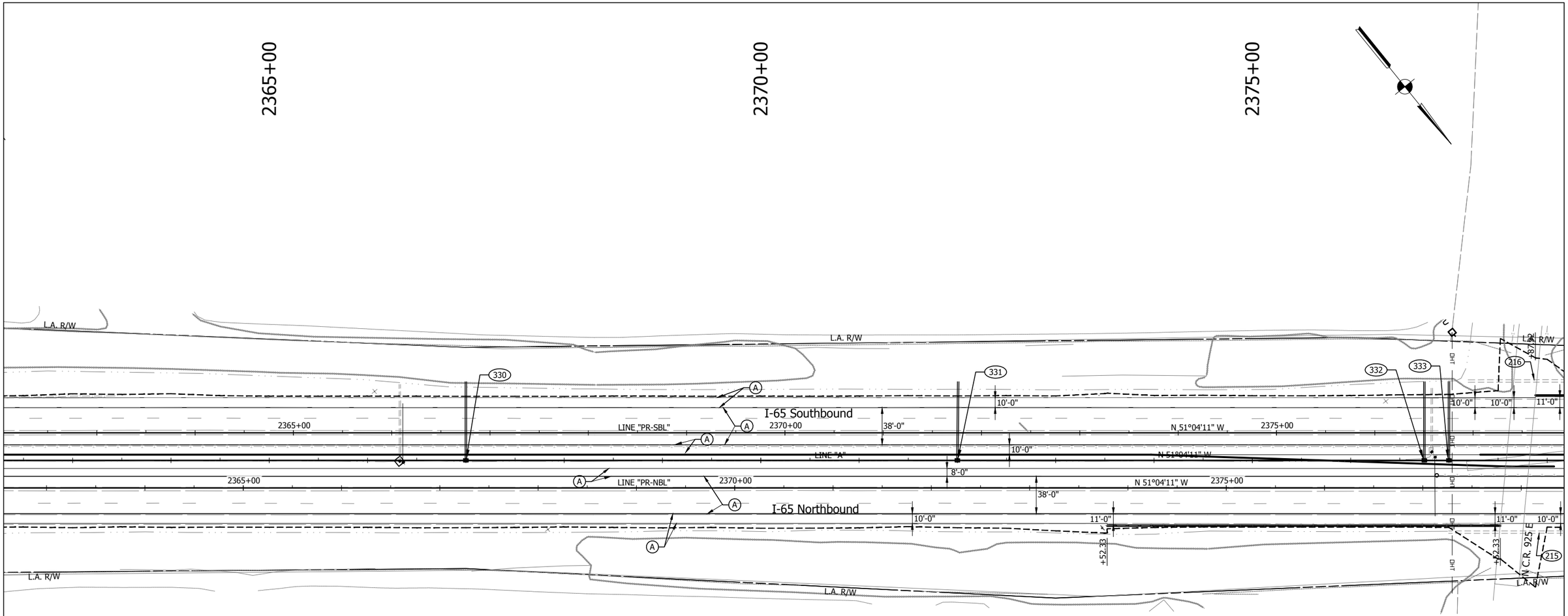
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	85 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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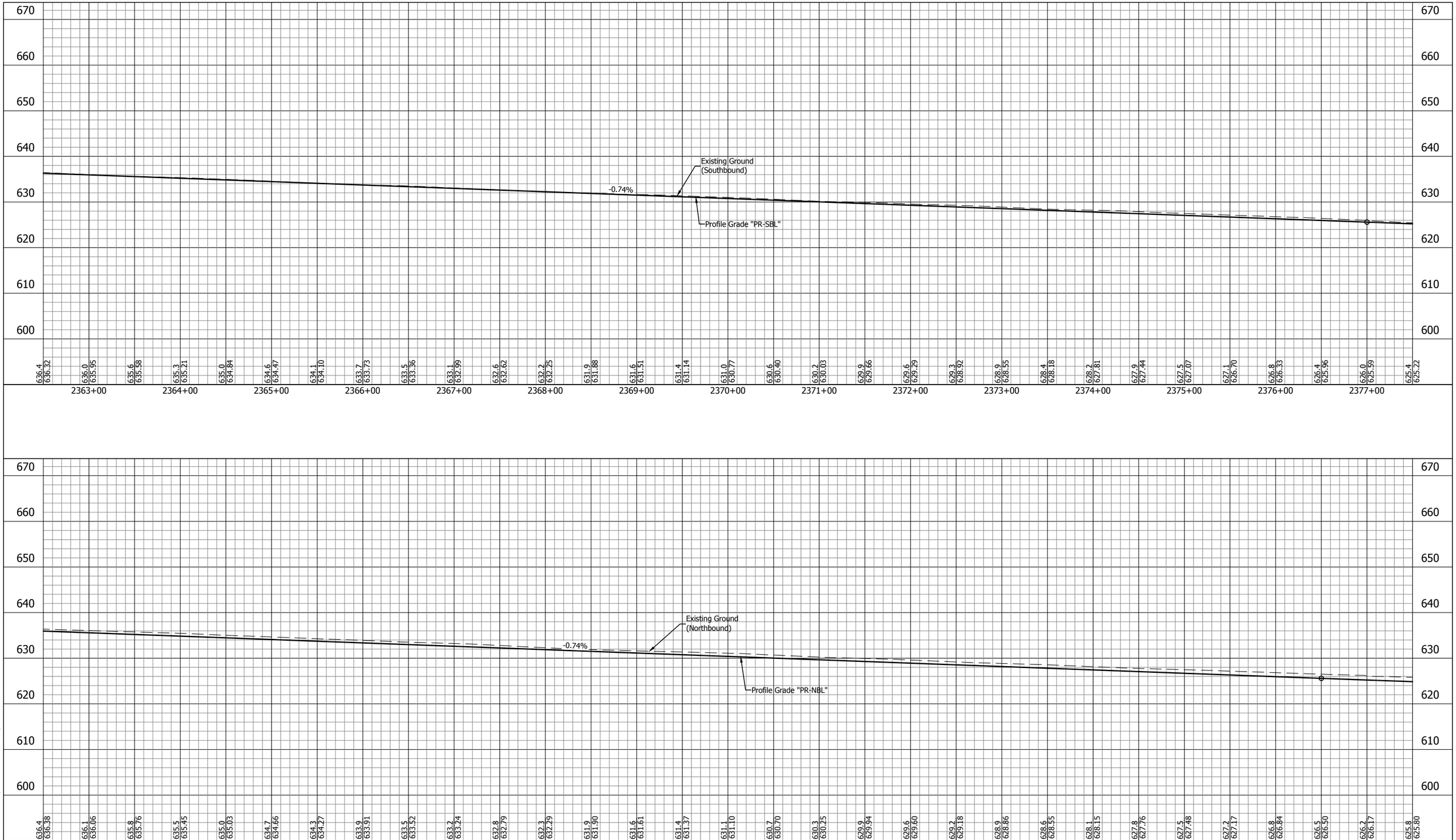
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	86 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1\Proj\CSD\PMK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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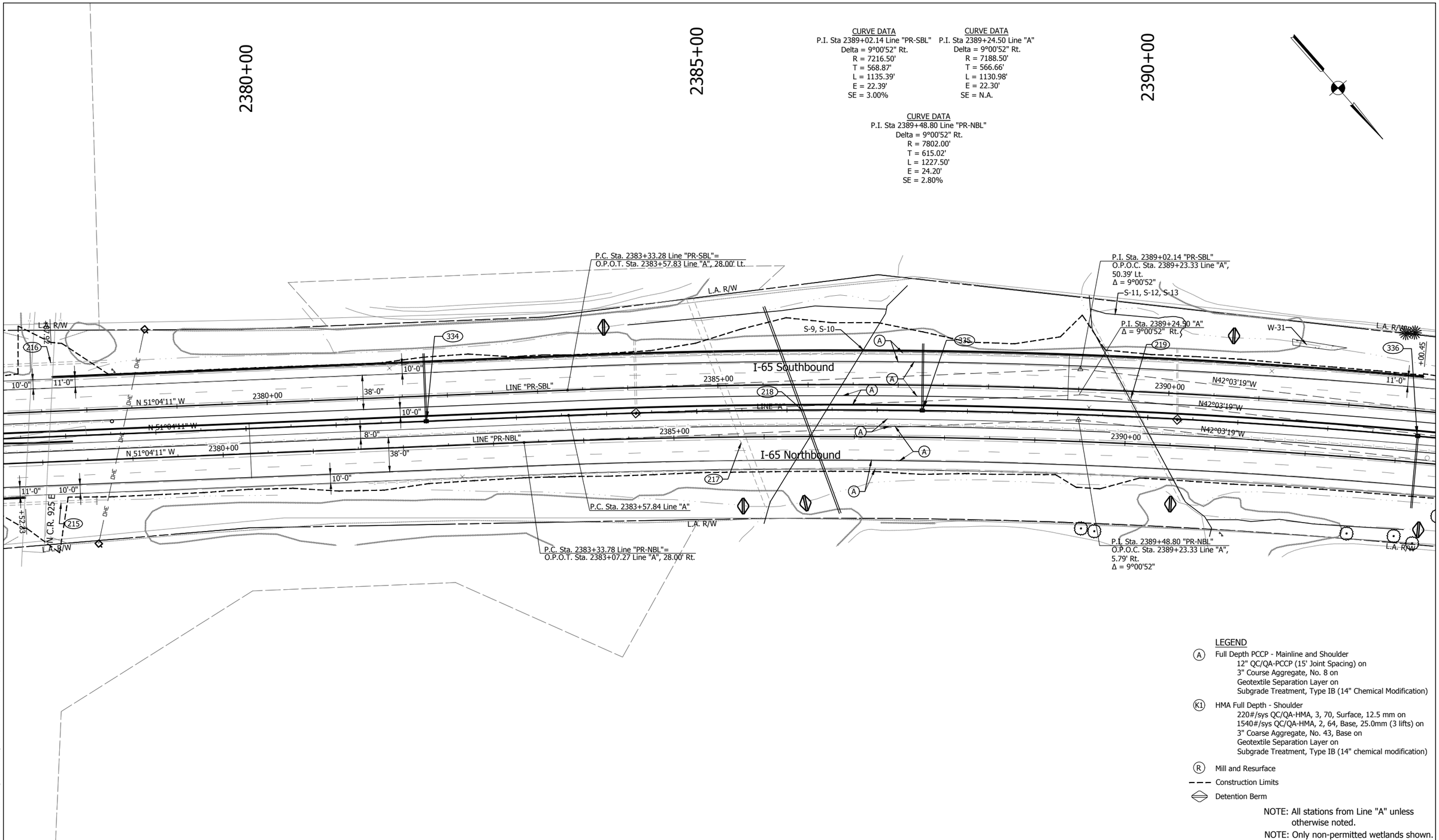
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	87 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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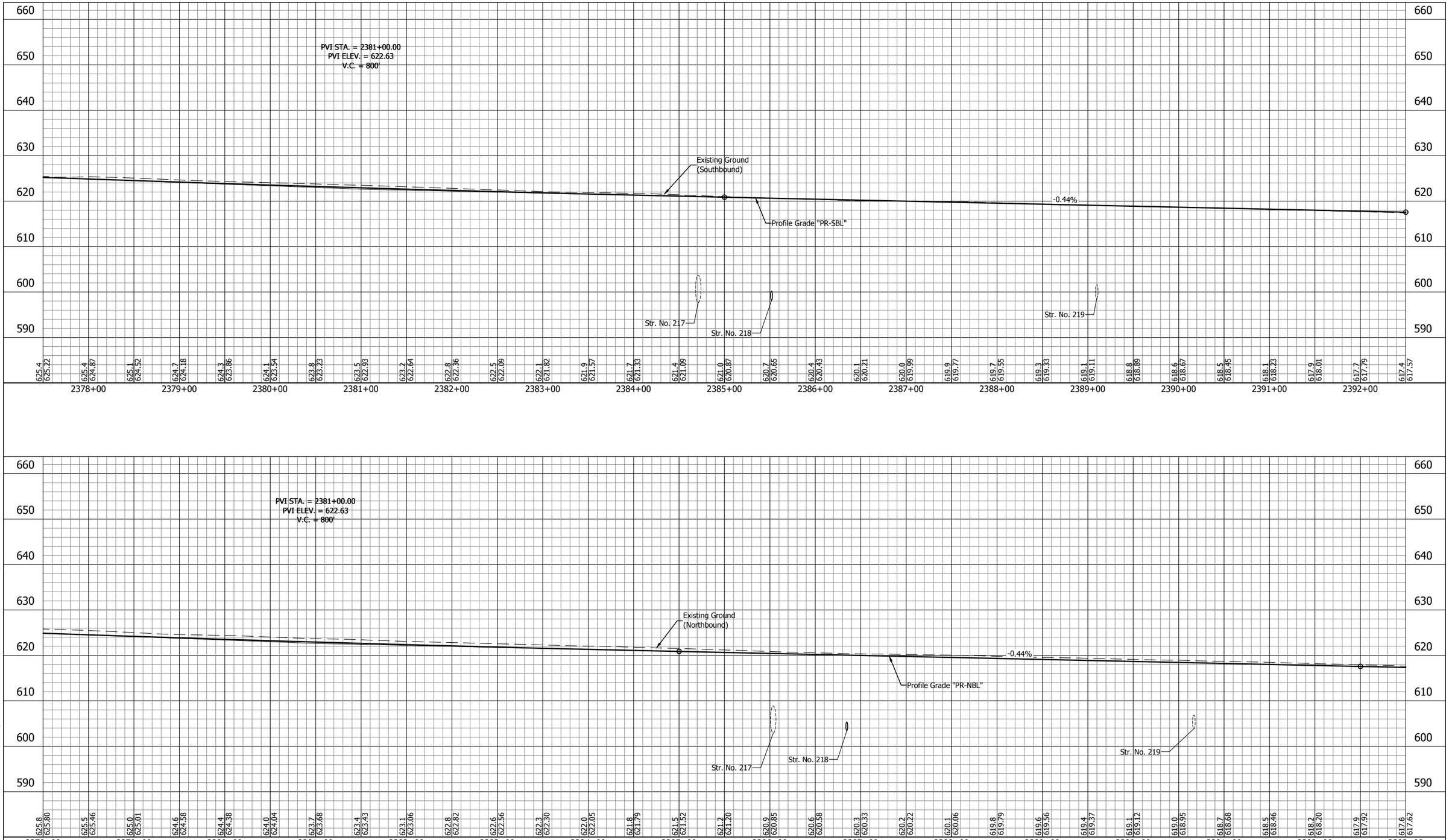
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	88 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSWFS\Road\Proj\C3D\WK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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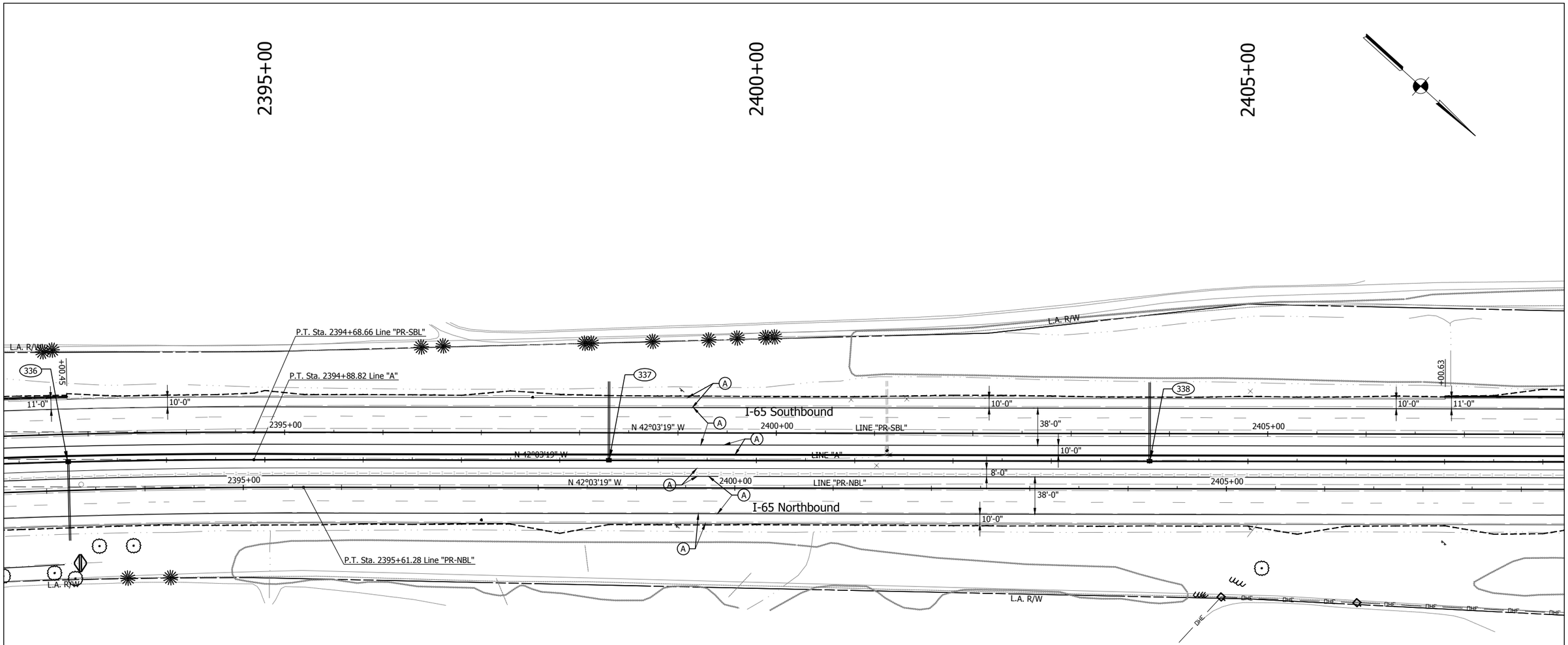
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	89 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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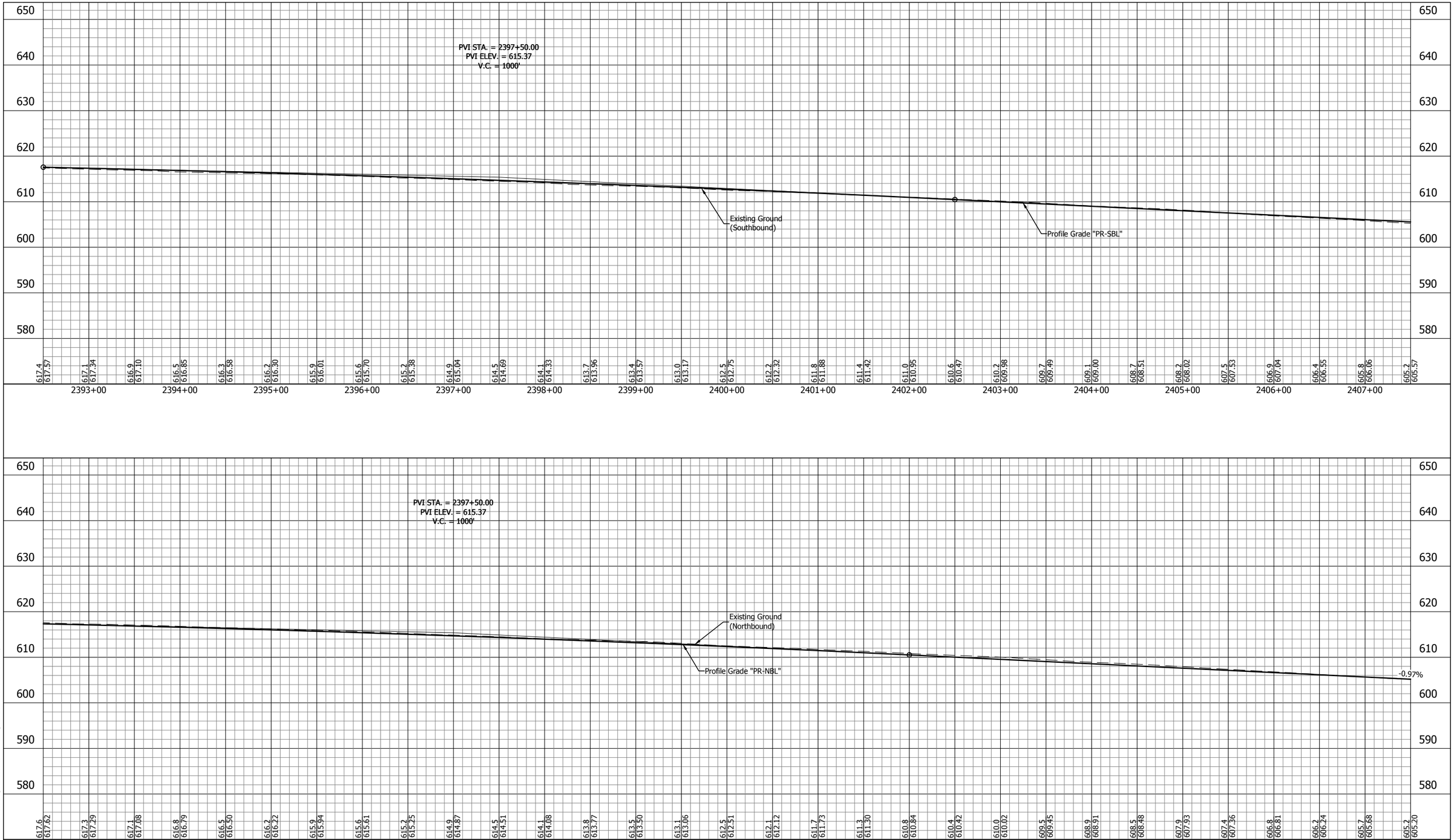
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	90 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSPMFS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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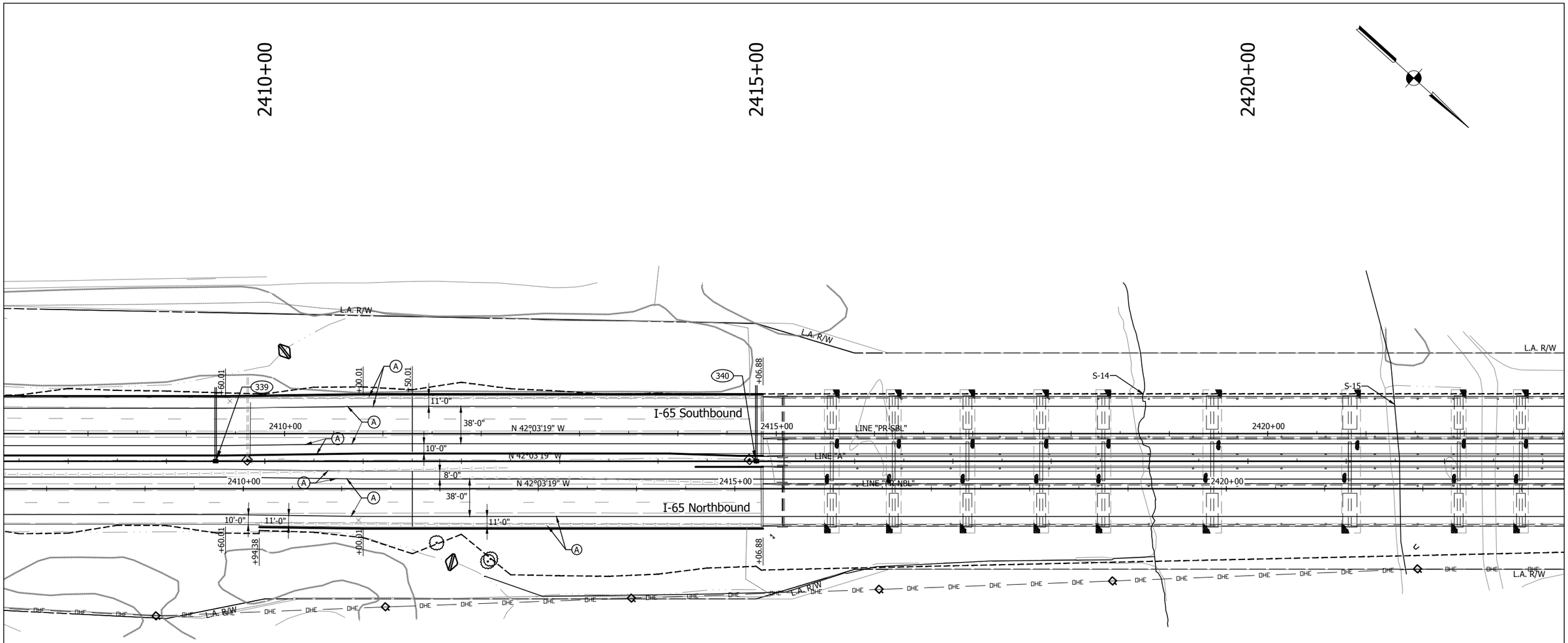
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	91 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\WK16-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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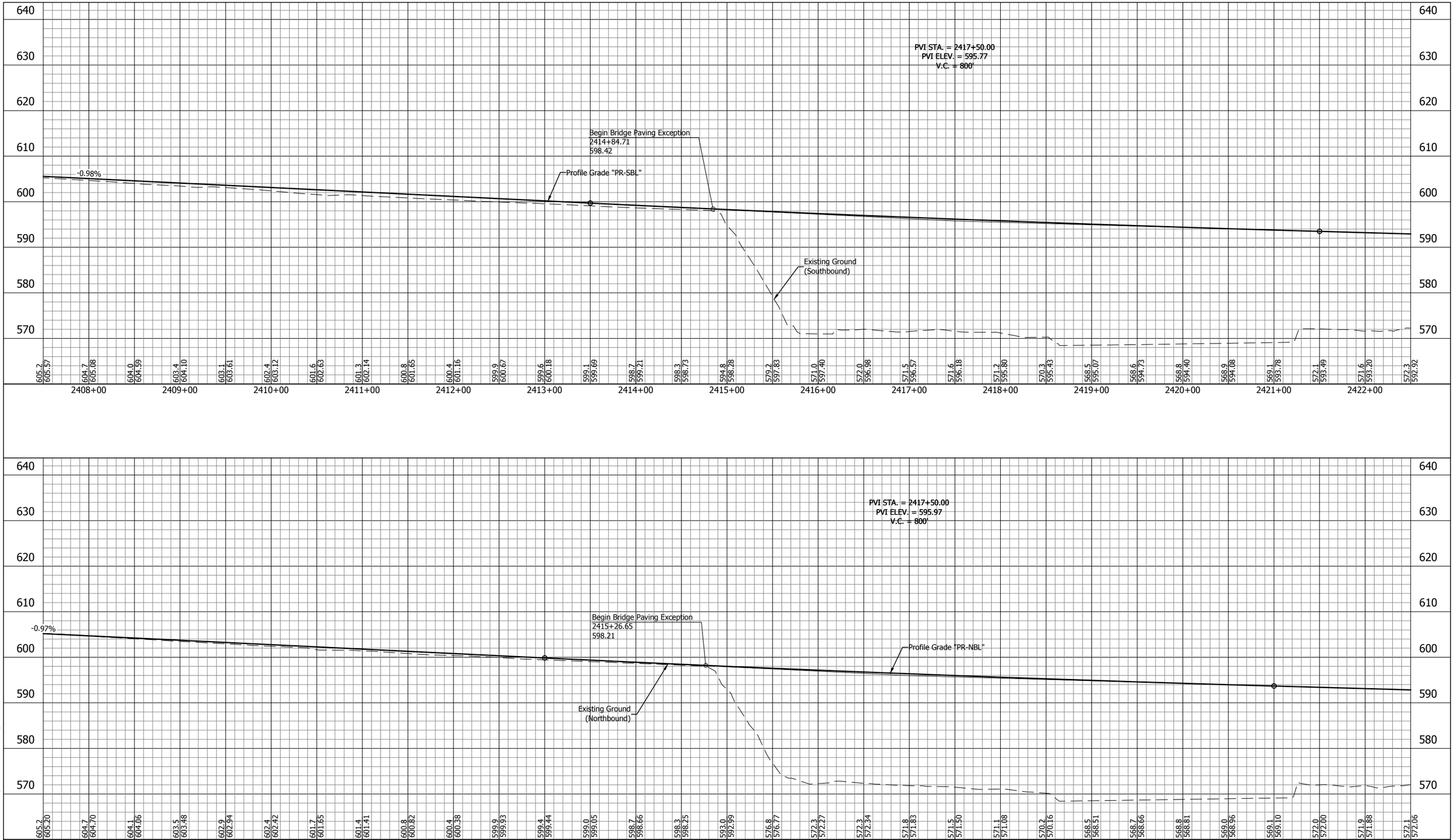
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	92 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDMFS\Road1Proj\C3D\MK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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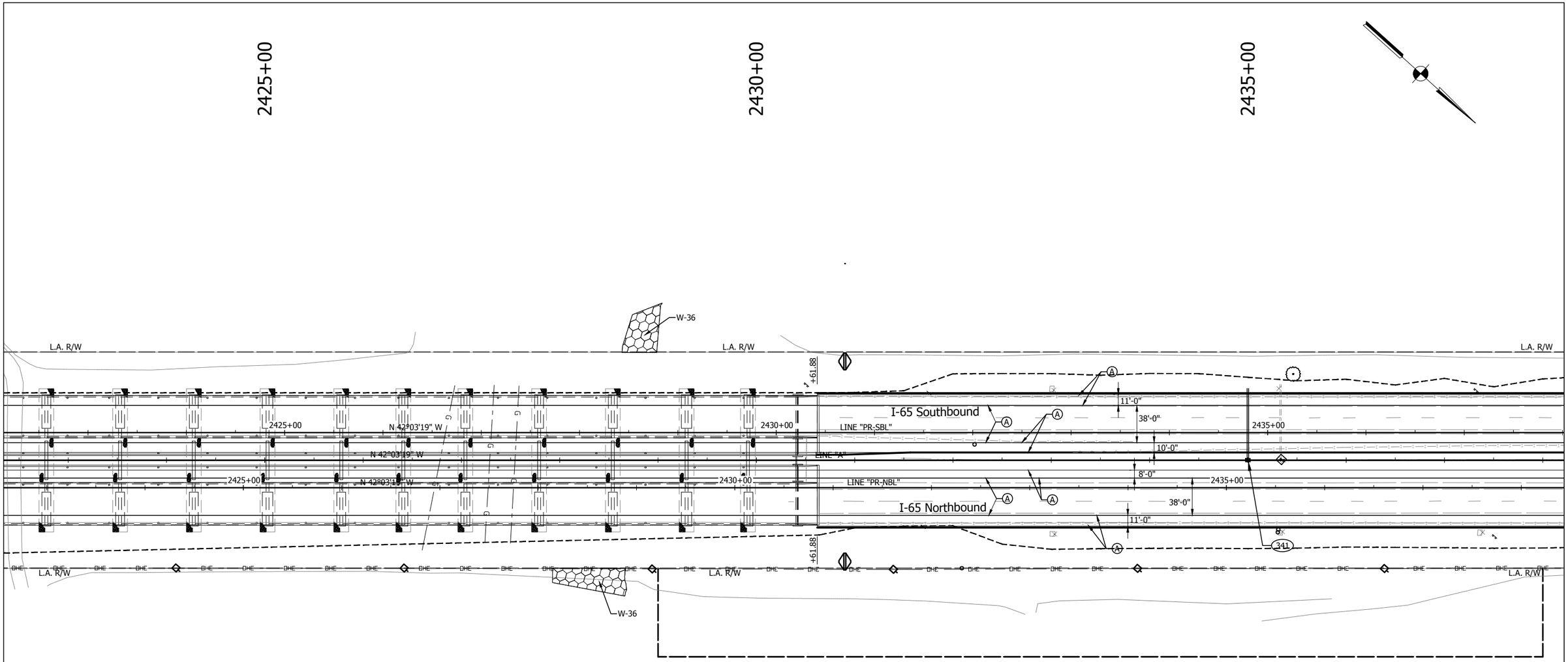
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	93 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

File Name: \\UCS04FS\Road1Proj\CSD\PK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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DESIGNED: SRP DRAWN: MAC
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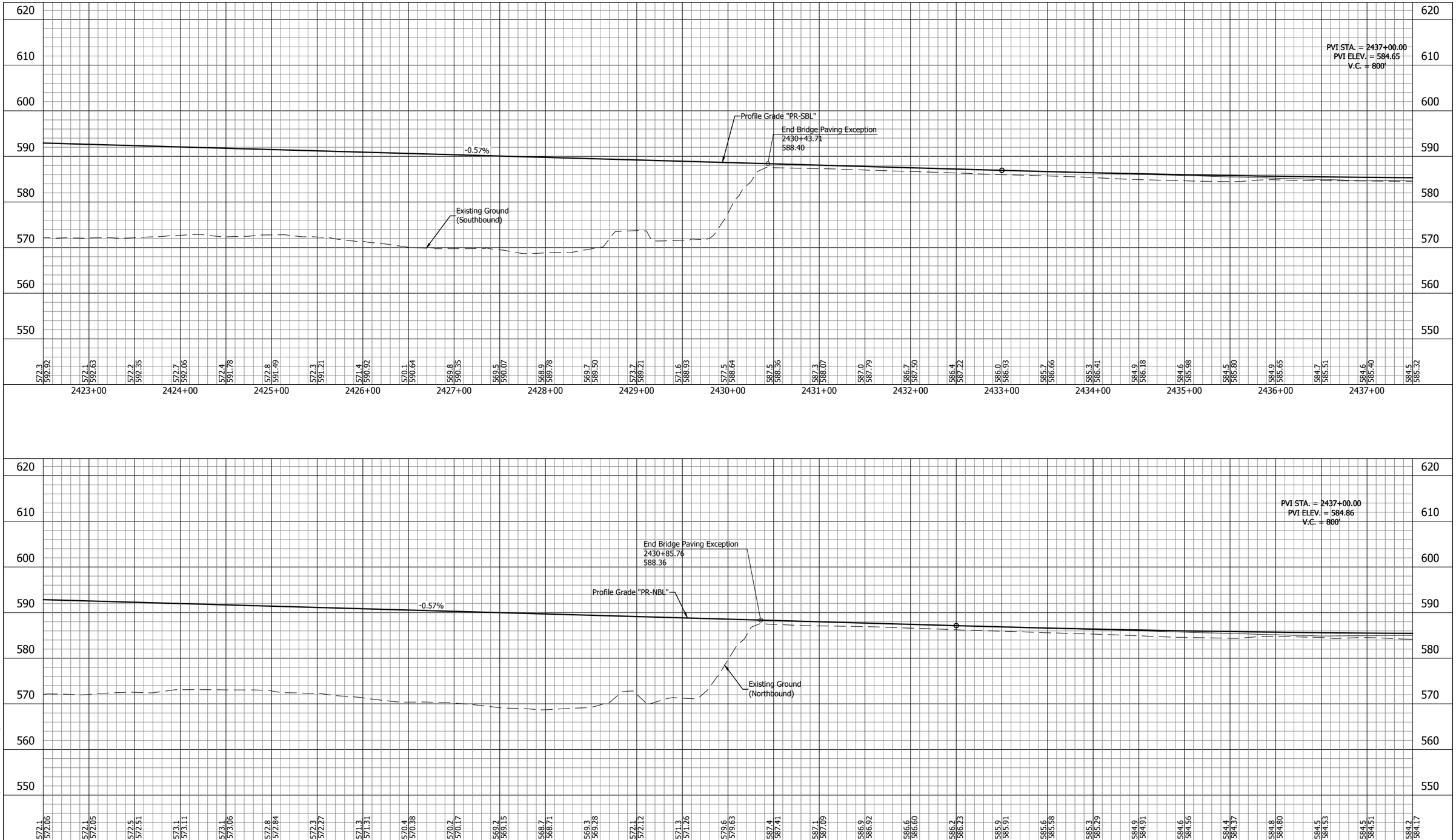
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	94 of 196
CONTRACT	PROJECT
R-28940	0501212



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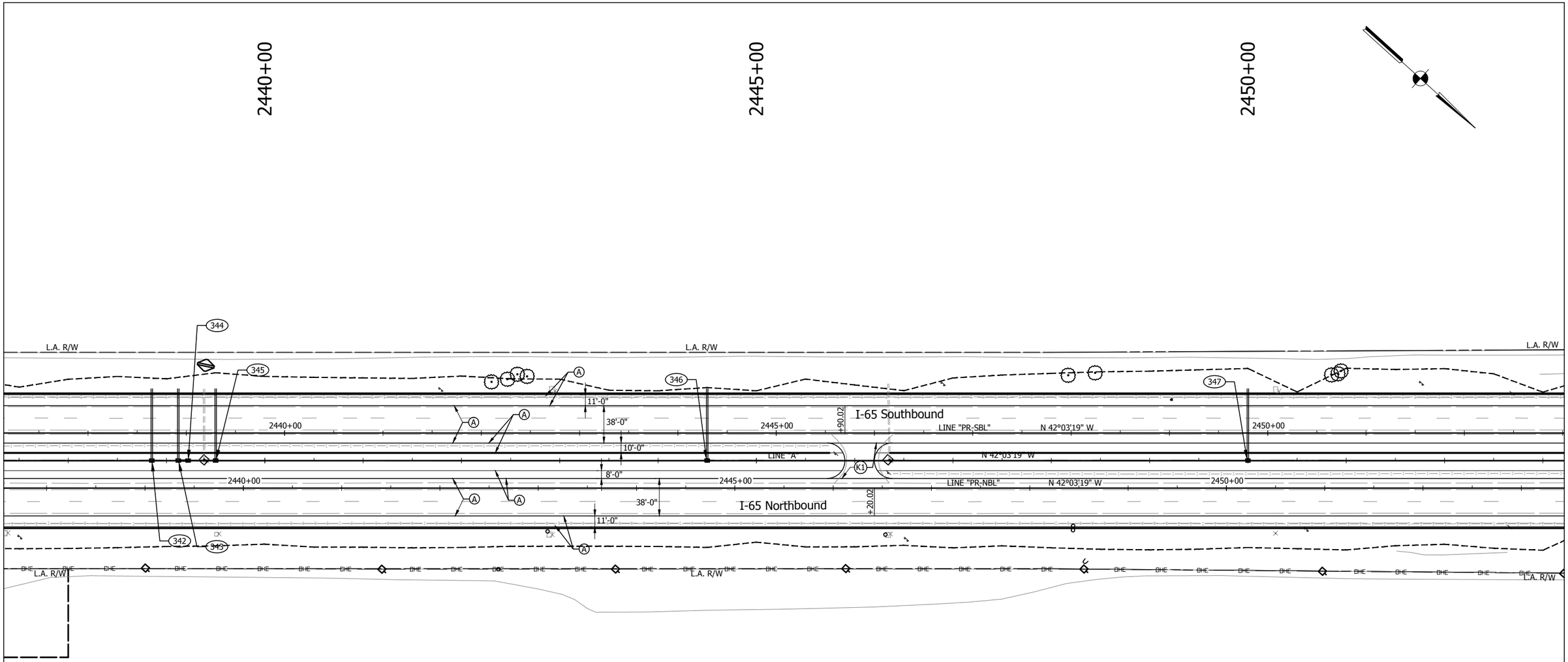
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	95 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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DESIGNED: SRP DRAWN: MAC
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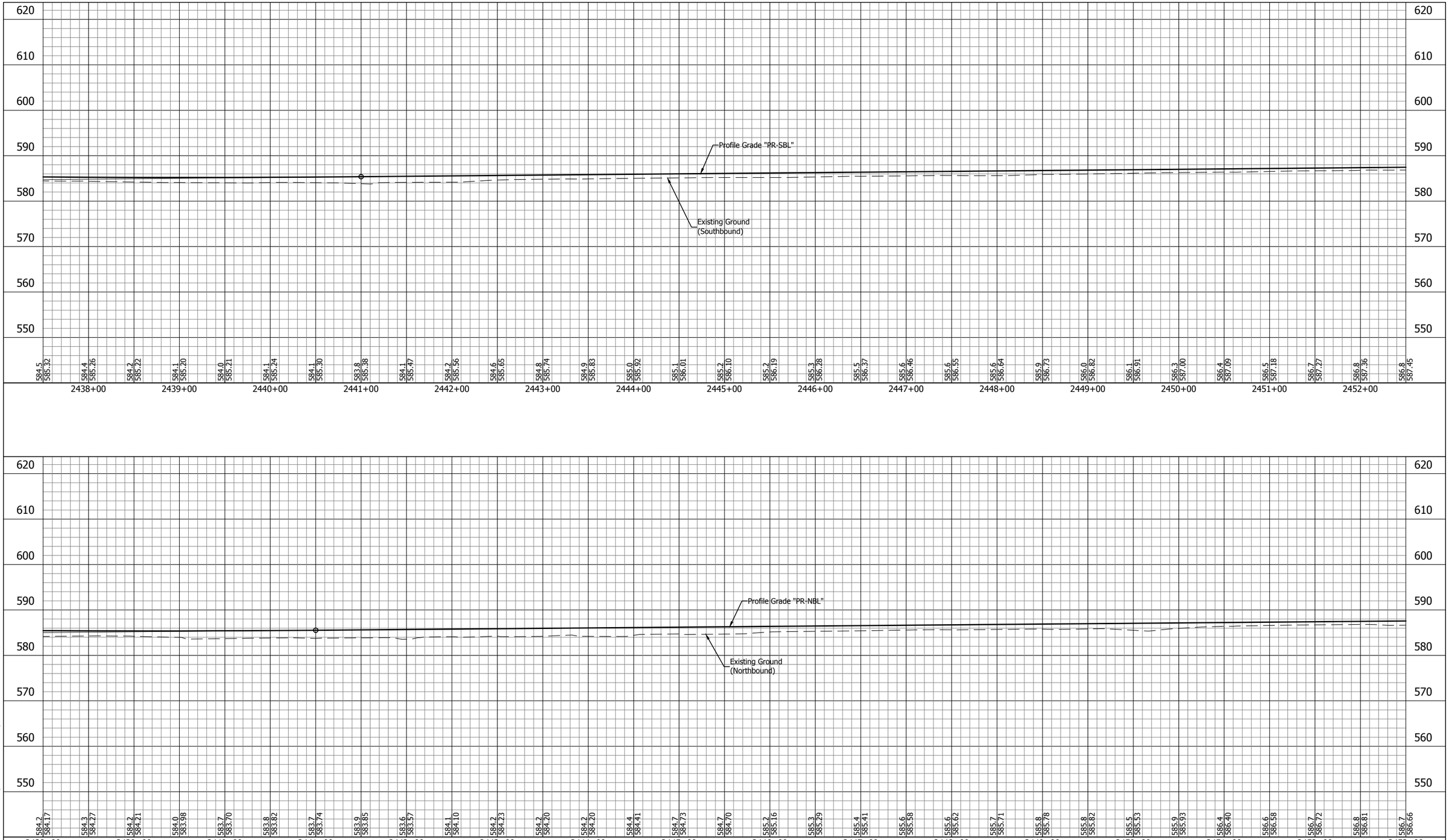
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	96 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSHPFS\Road1\Proj\CSD\IMK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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DESIGNED: SRP | DRAWN: MAC

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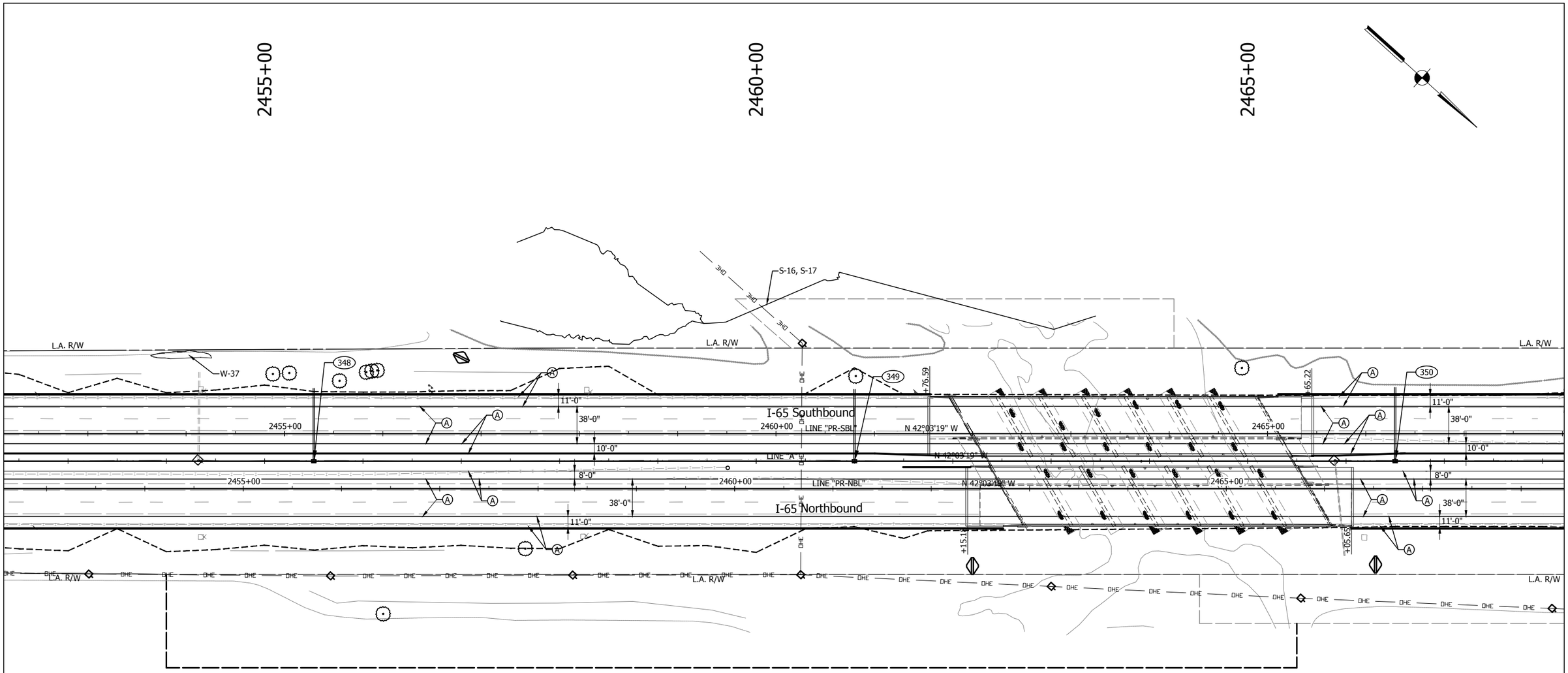
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	97 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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DESIGNED: SRP DRAWN: MAC

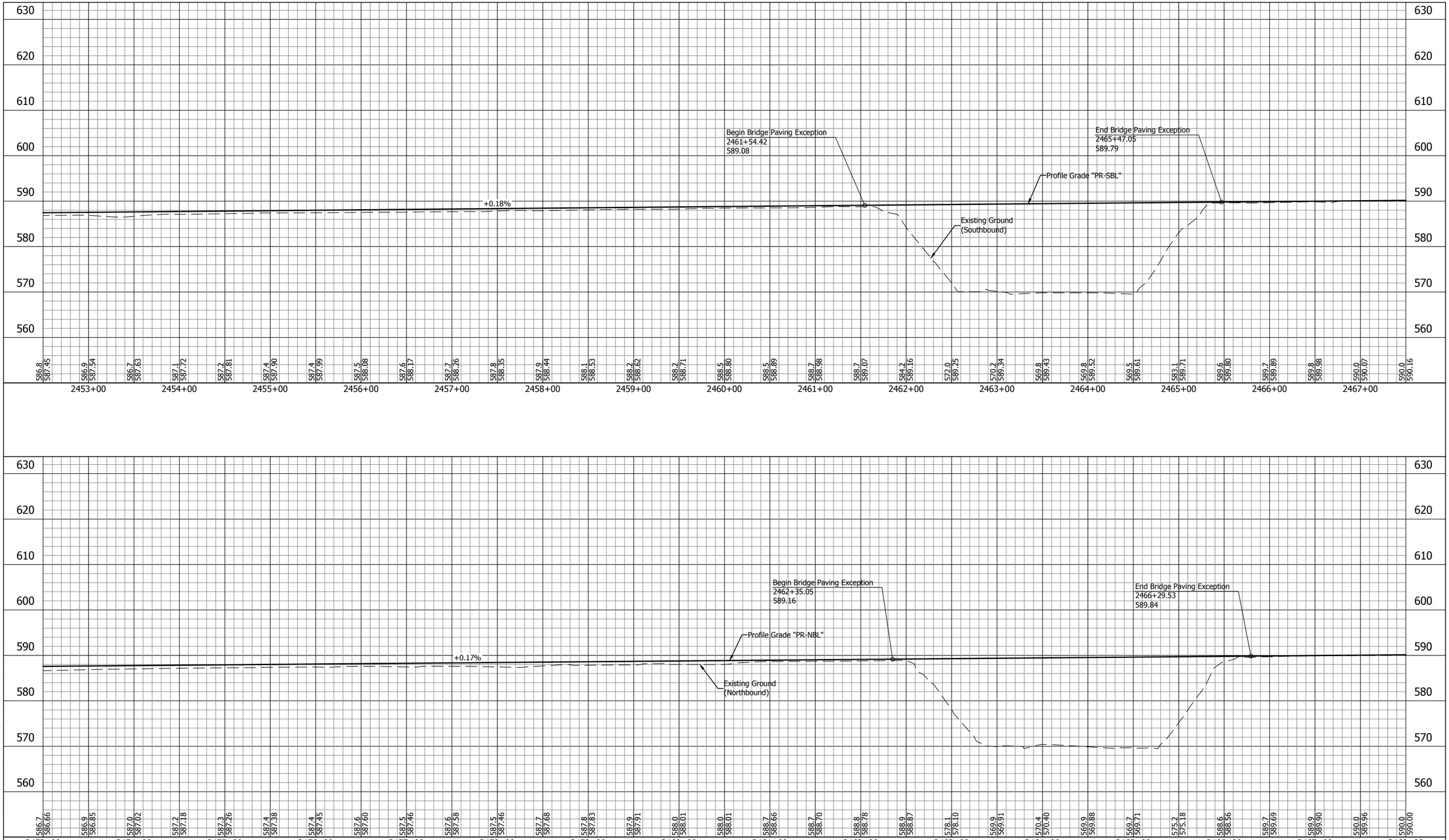
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	98 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSSWFS\Road\Proj\C3D\WK15-4651\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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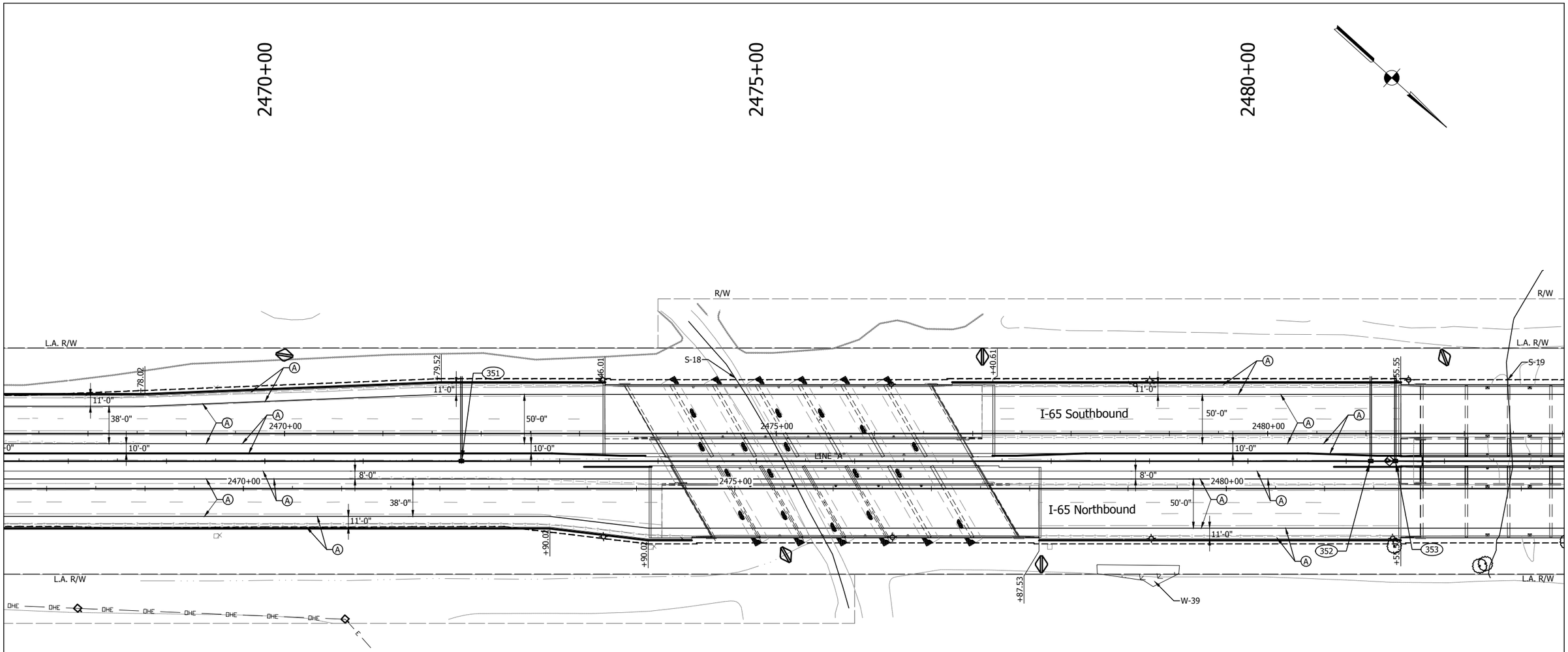
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	99 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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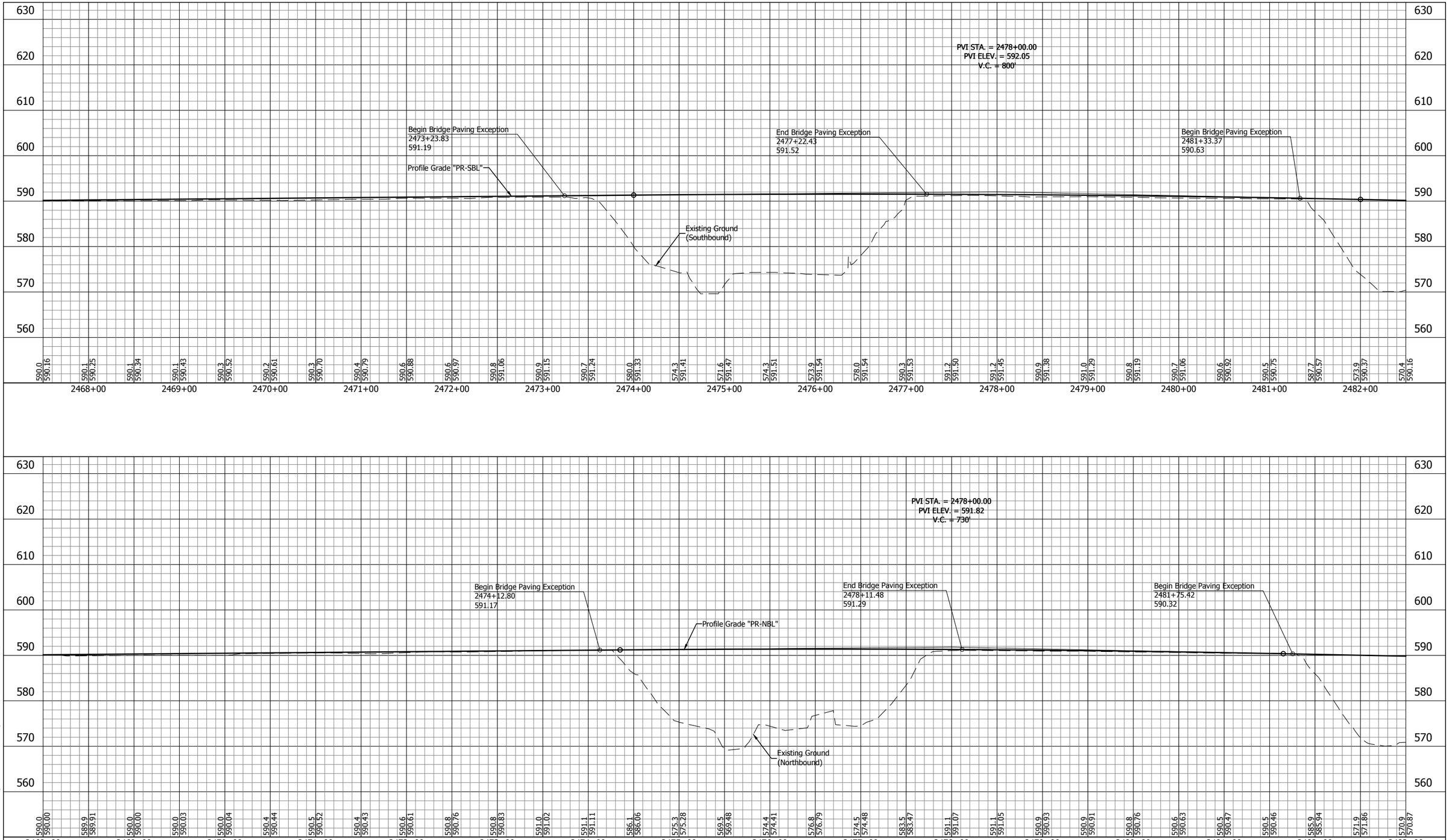
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	100 of 196
CONTRACT	PROJECT
R-28940	0501212



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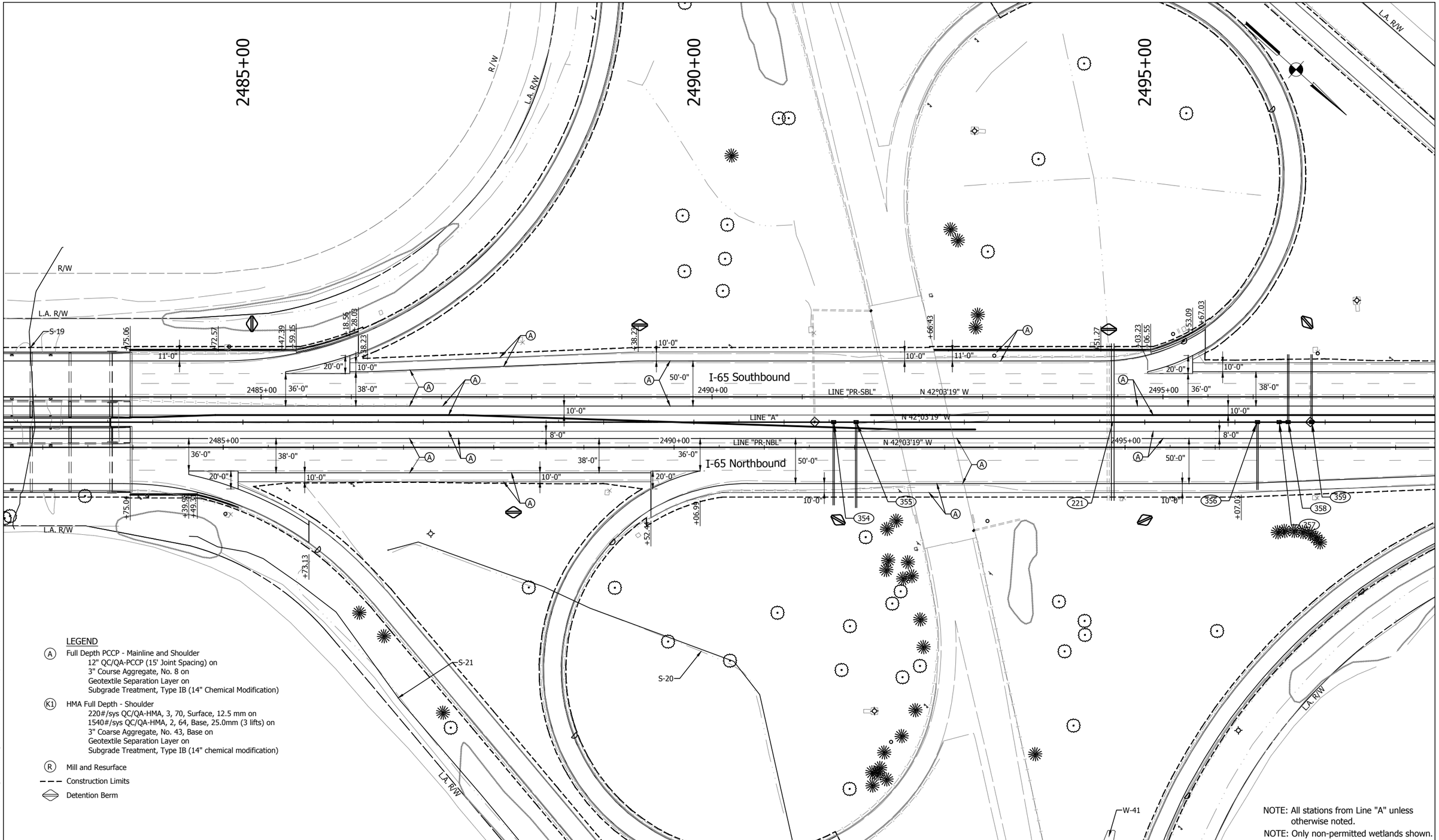
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	101 of 196
CONTRACT	PROJECT
R-28940	0501212



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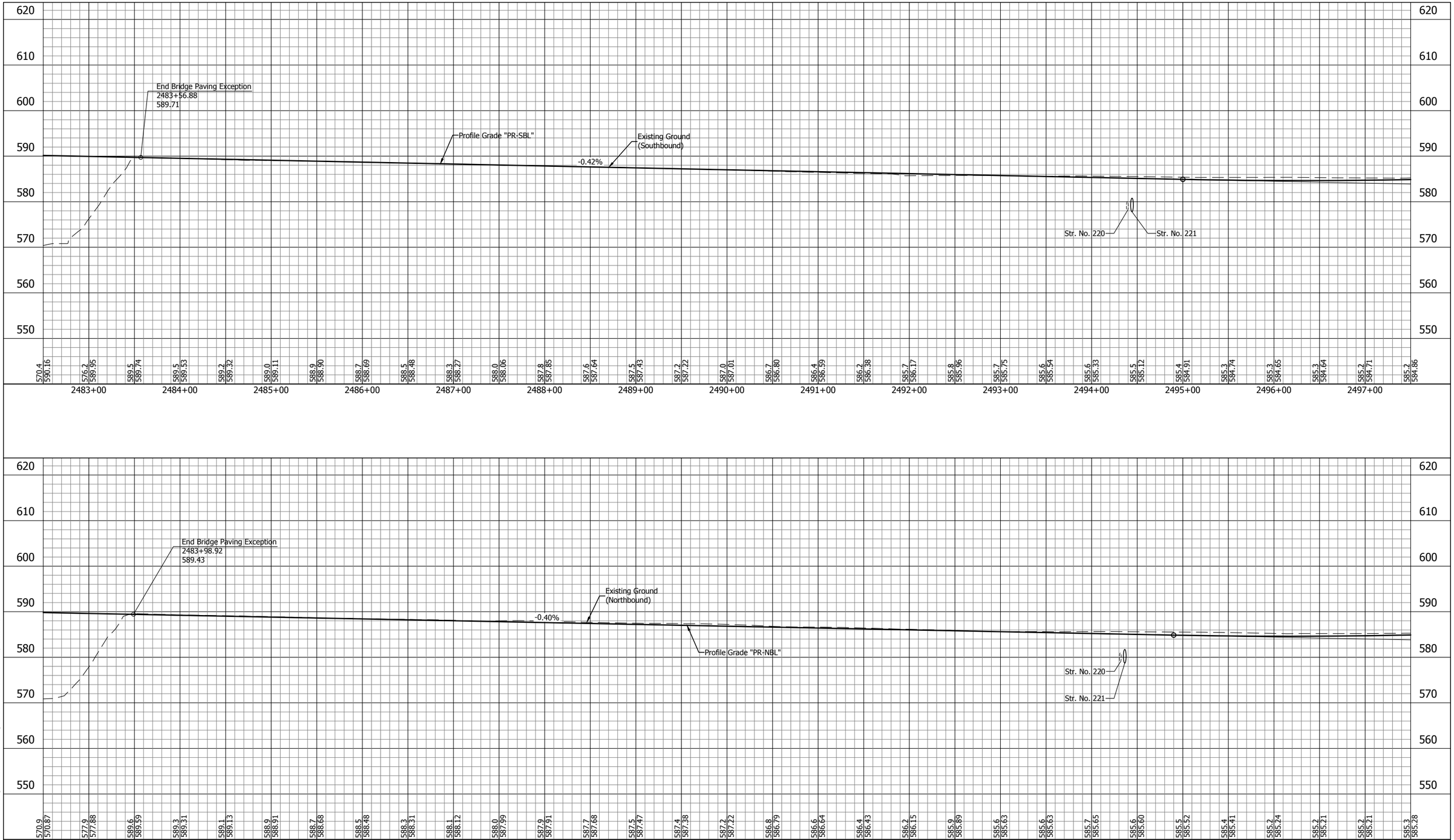
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	102 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C3D\MK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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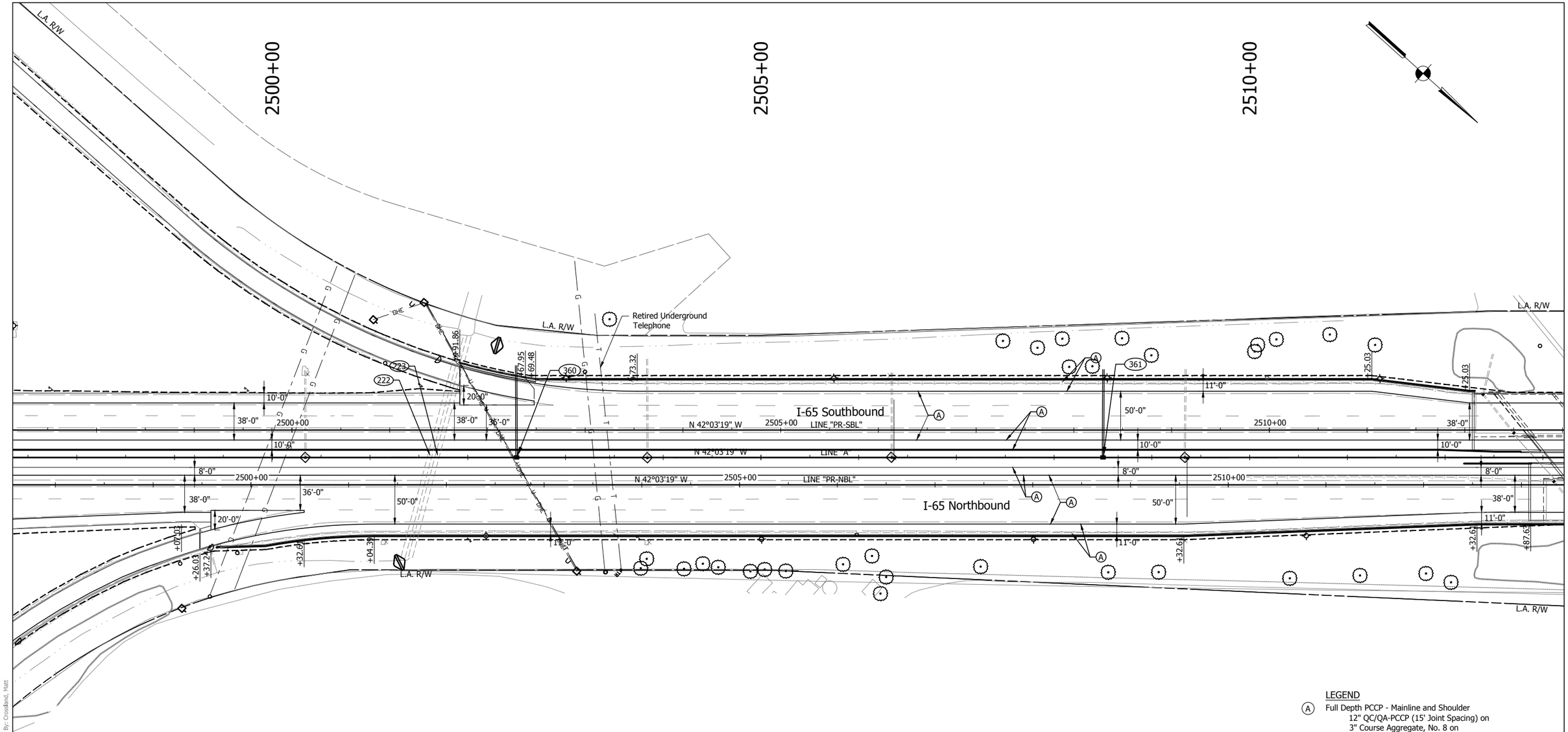
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	103 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\WK16-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
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220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
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3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

File Name: \\UCS04FS\Road\Proj\C3D\IN16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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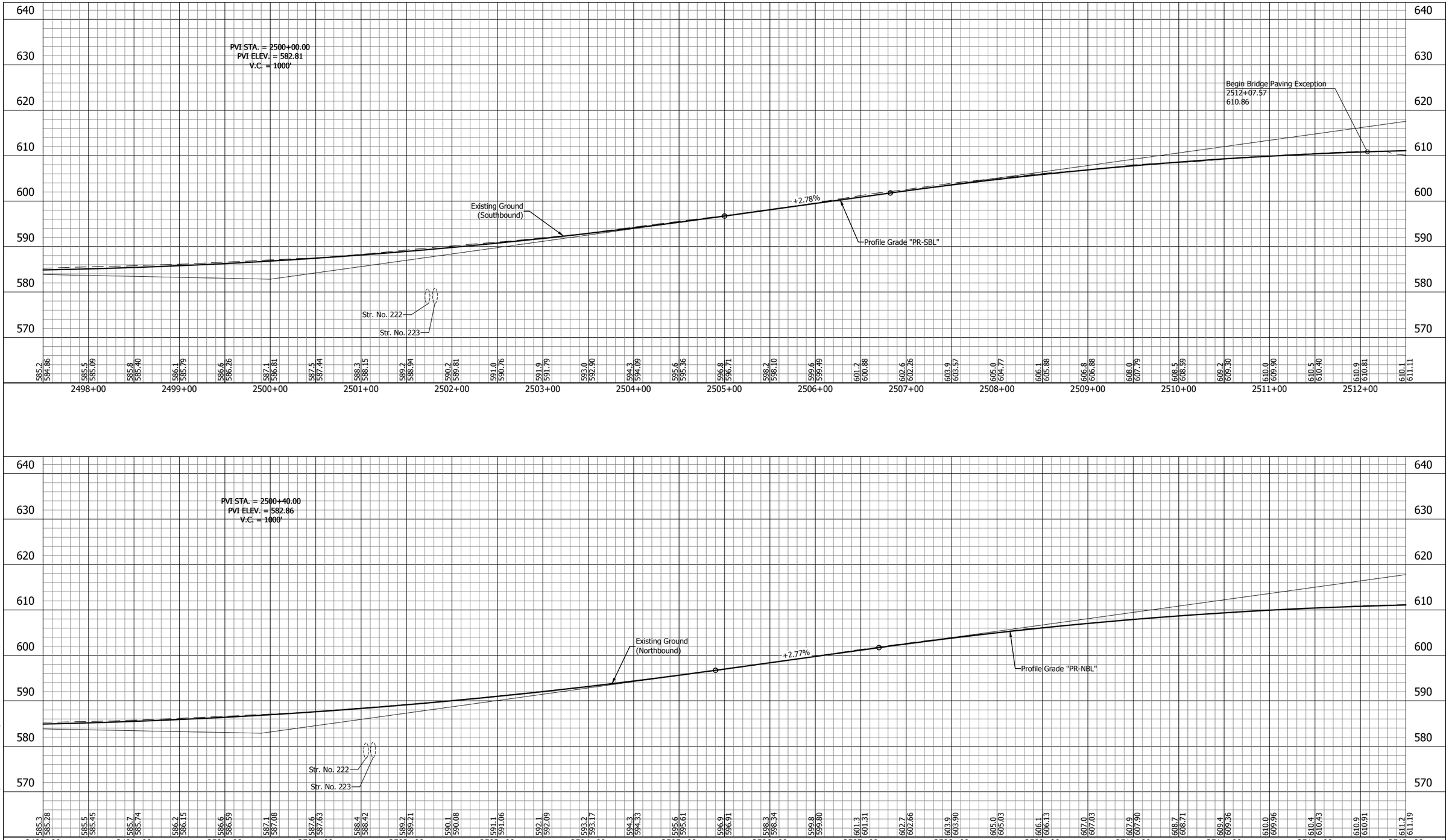
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	104 of 196
CONTRACT	PROJECT
R-28940	0501212



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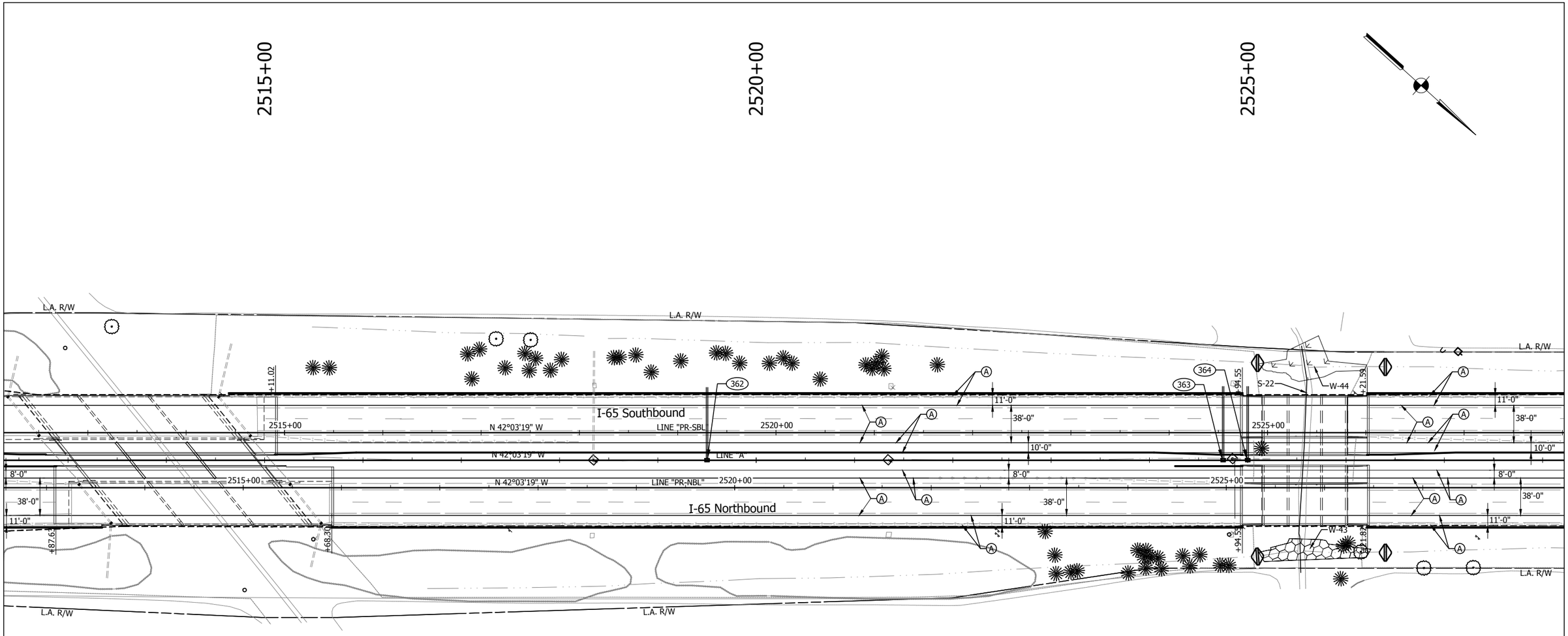
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	105 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\WK16-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

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3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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NOTE: Only non-permitted wetlands shown.

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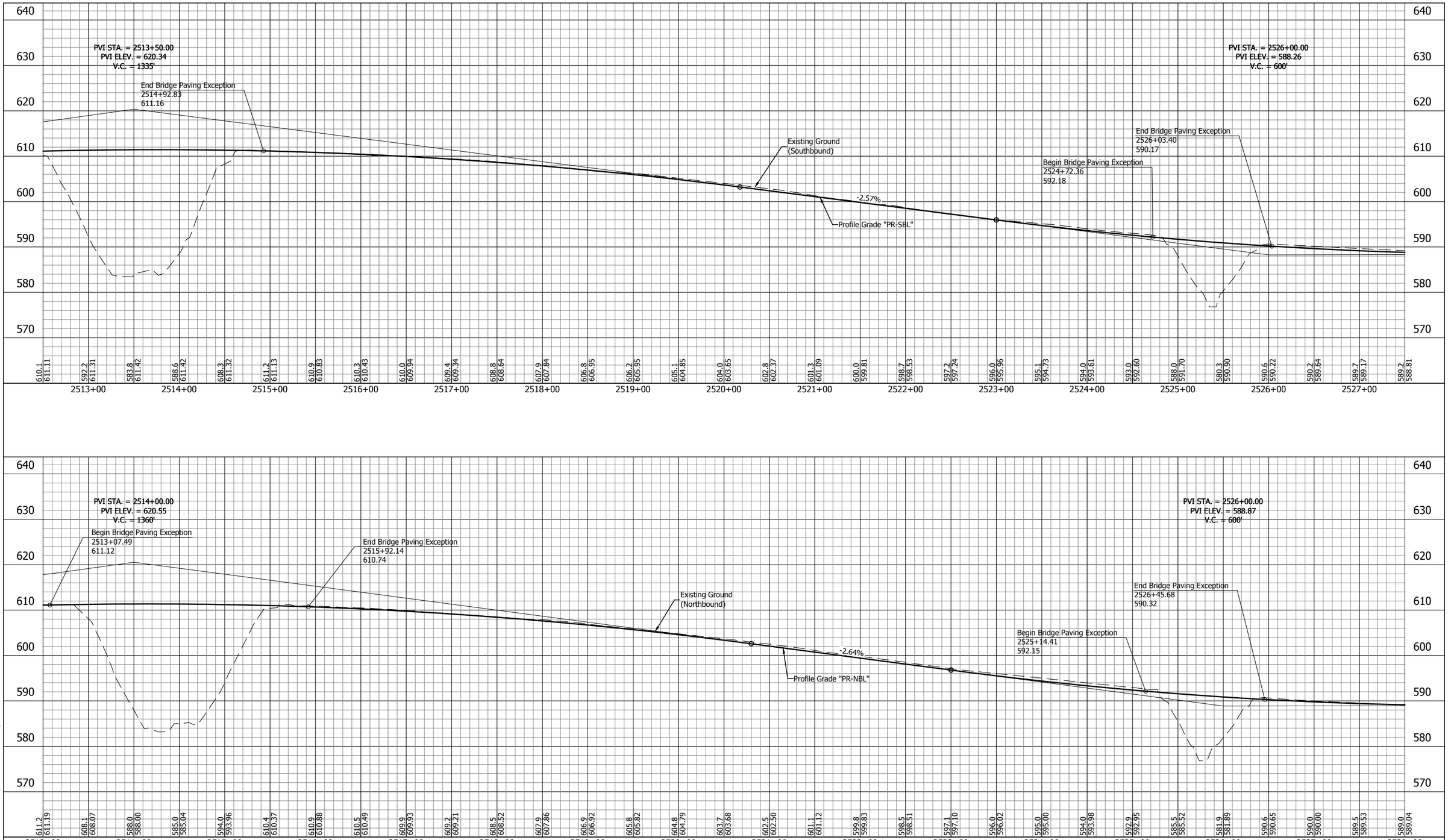
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	106 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\WK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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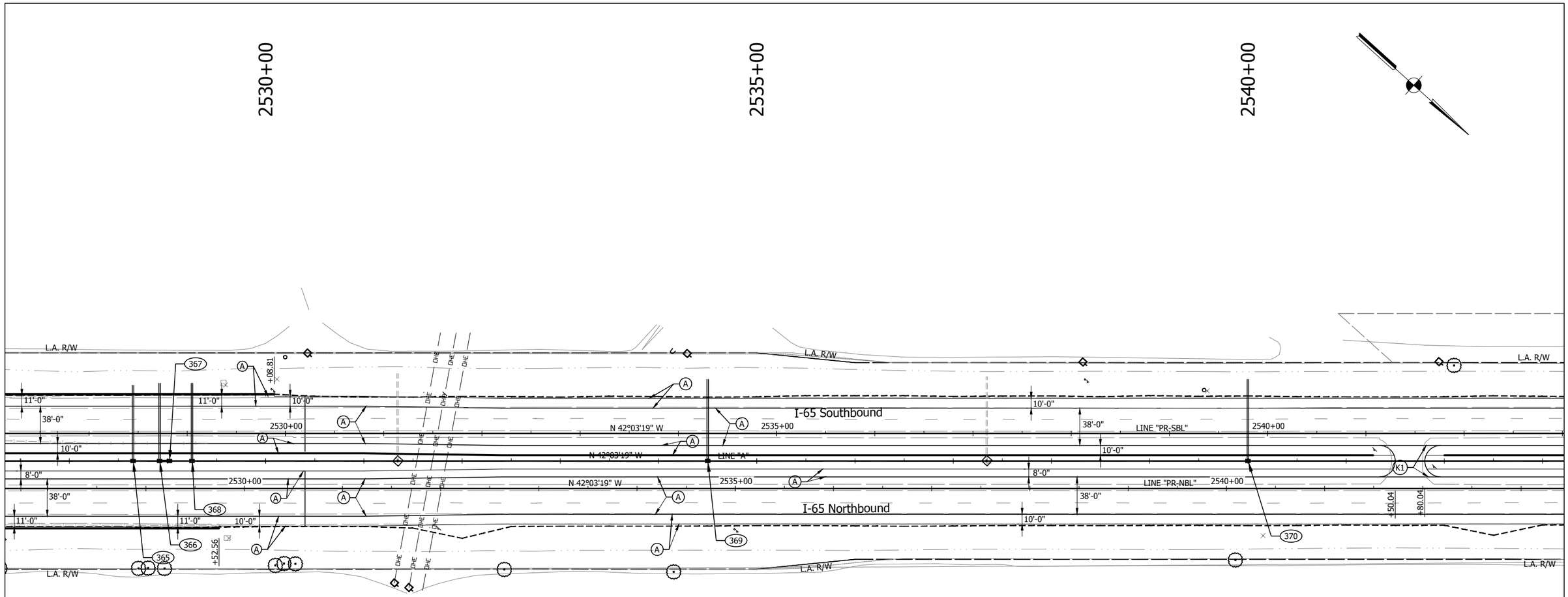
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	107 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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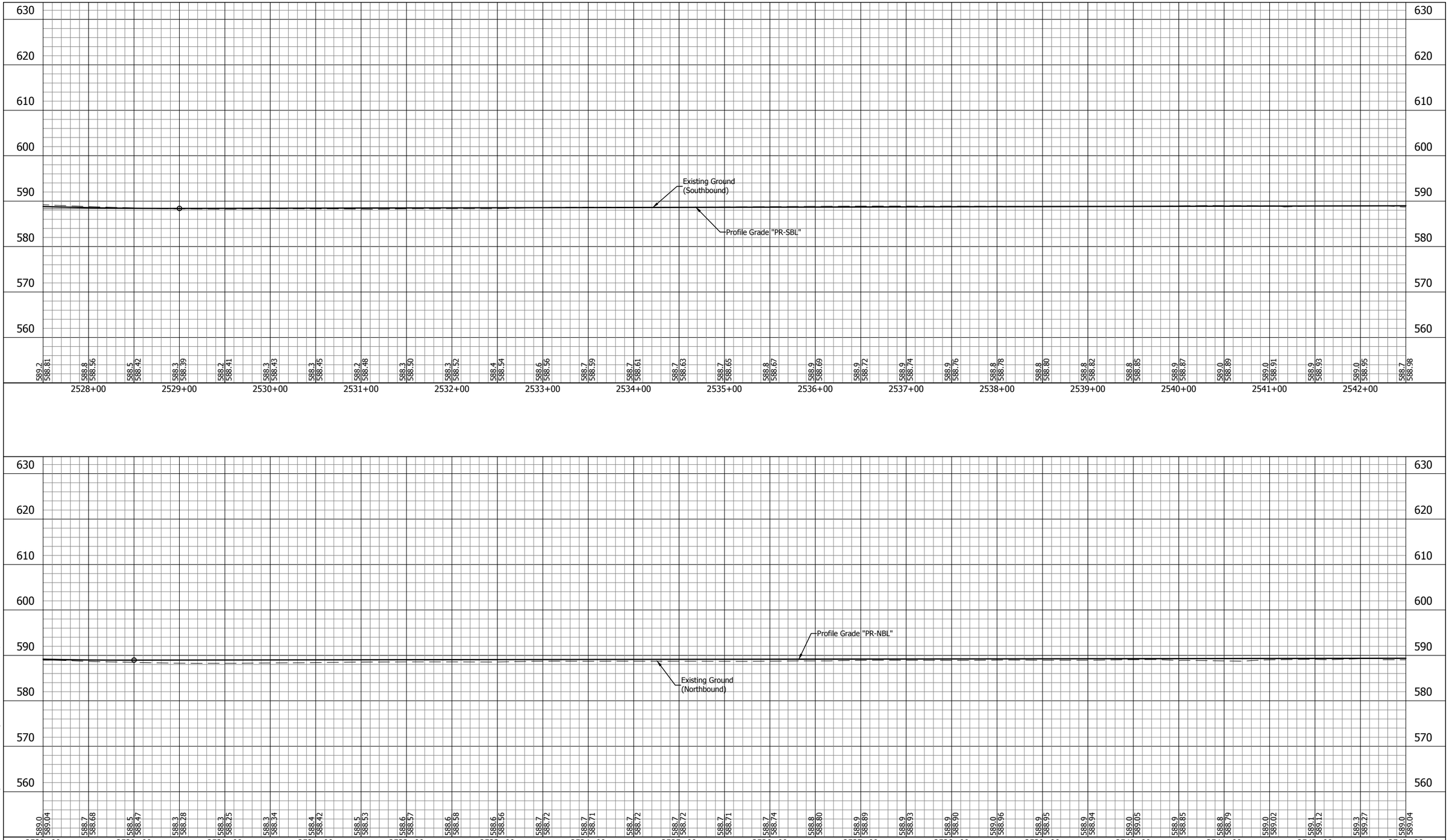
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	108 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSSHFS\Road\Proj\CD3\YK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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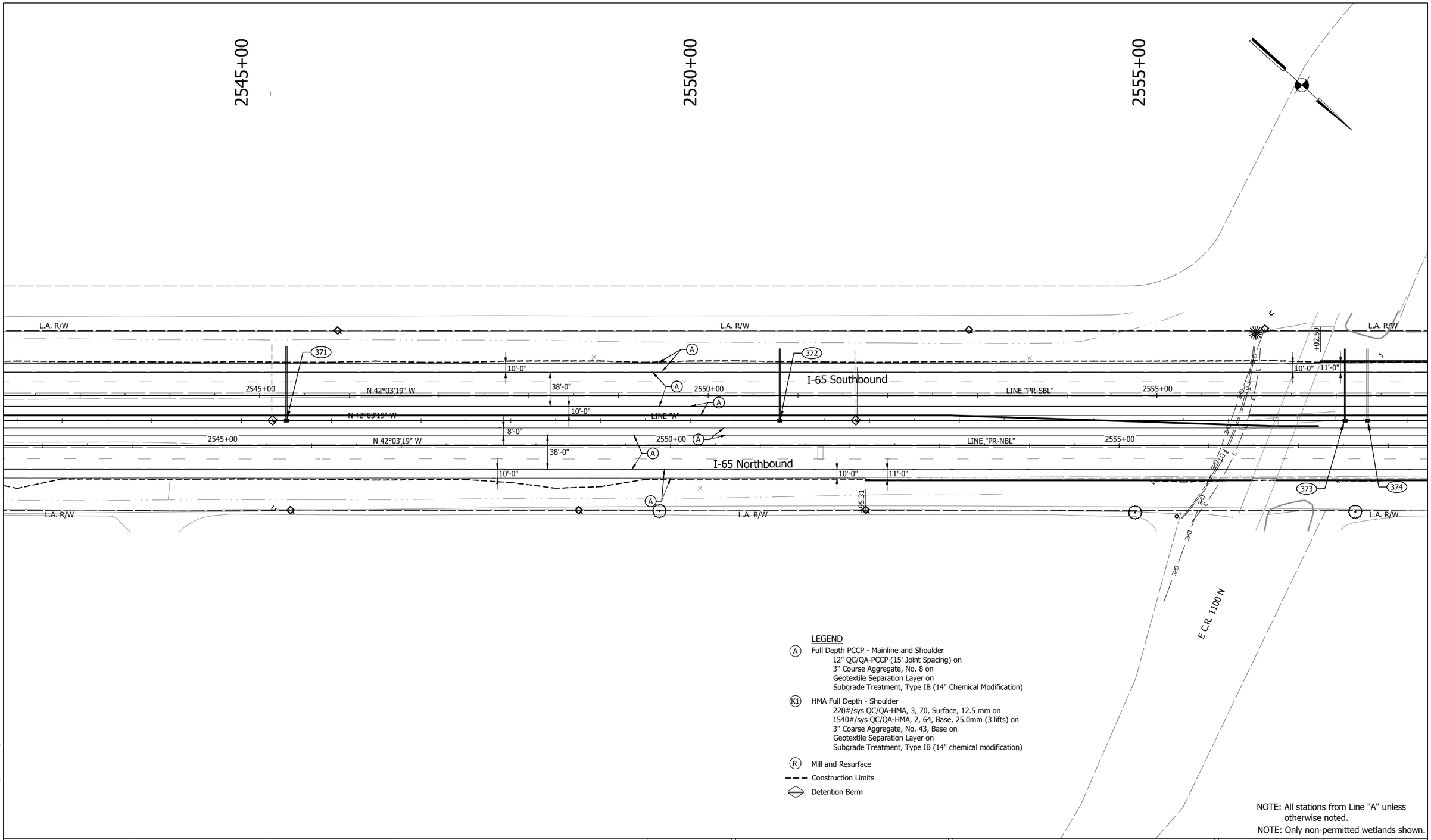
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	109 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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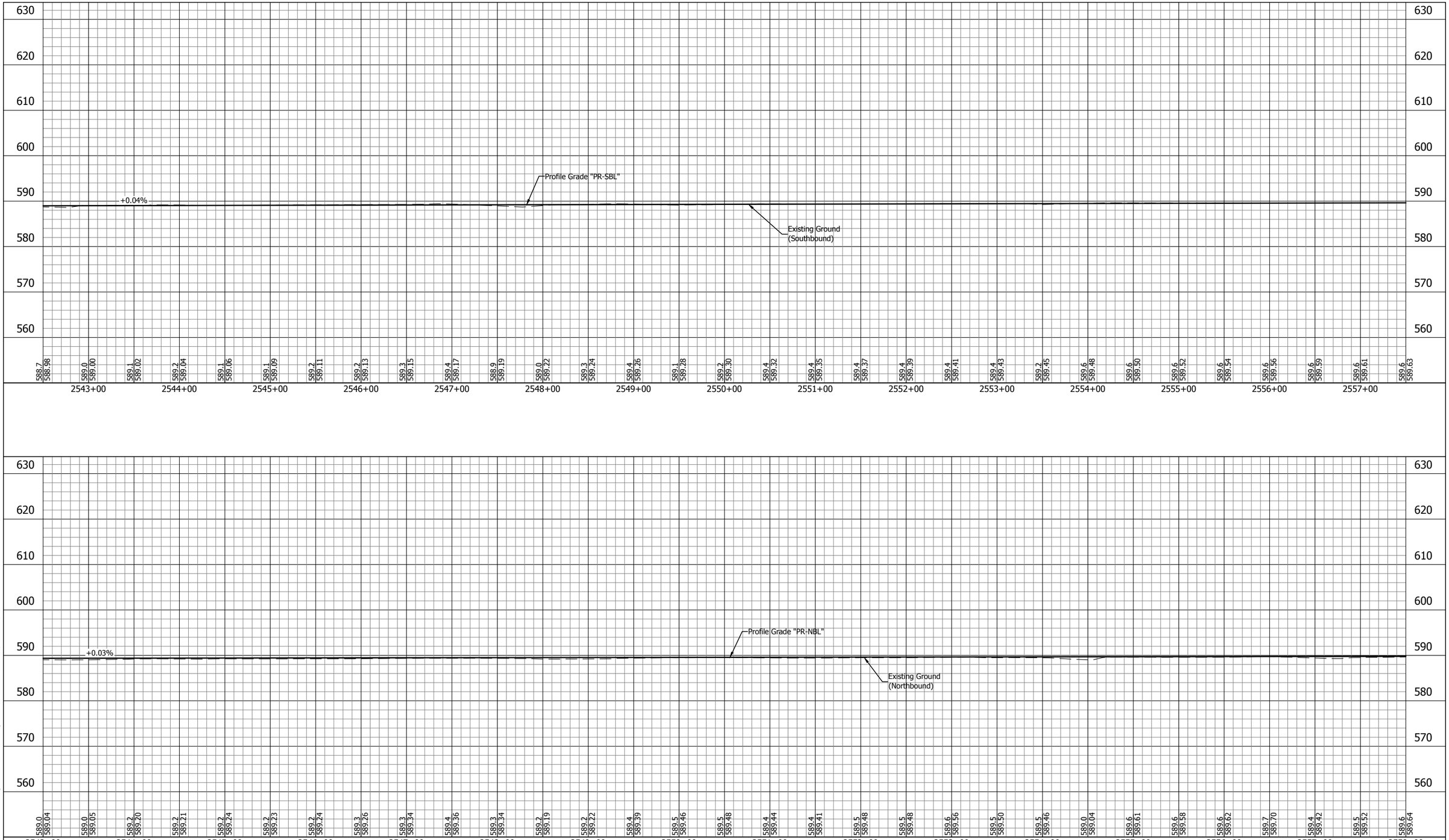
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	110 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN\I6-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crosskind, Matt



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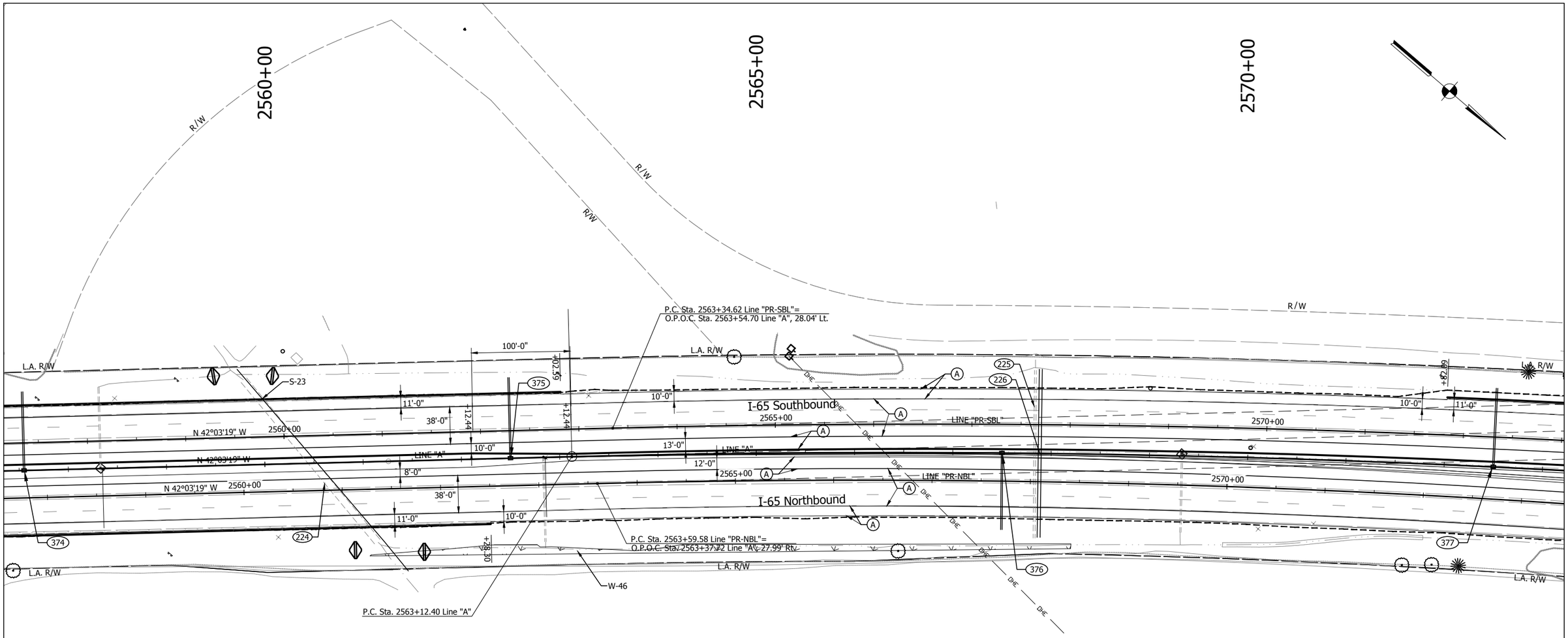
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	111 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
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Geotextile Separation Layer on
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3" Coarse Aggregate, No. 43, Base on
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Construction Limits

Detention Berm

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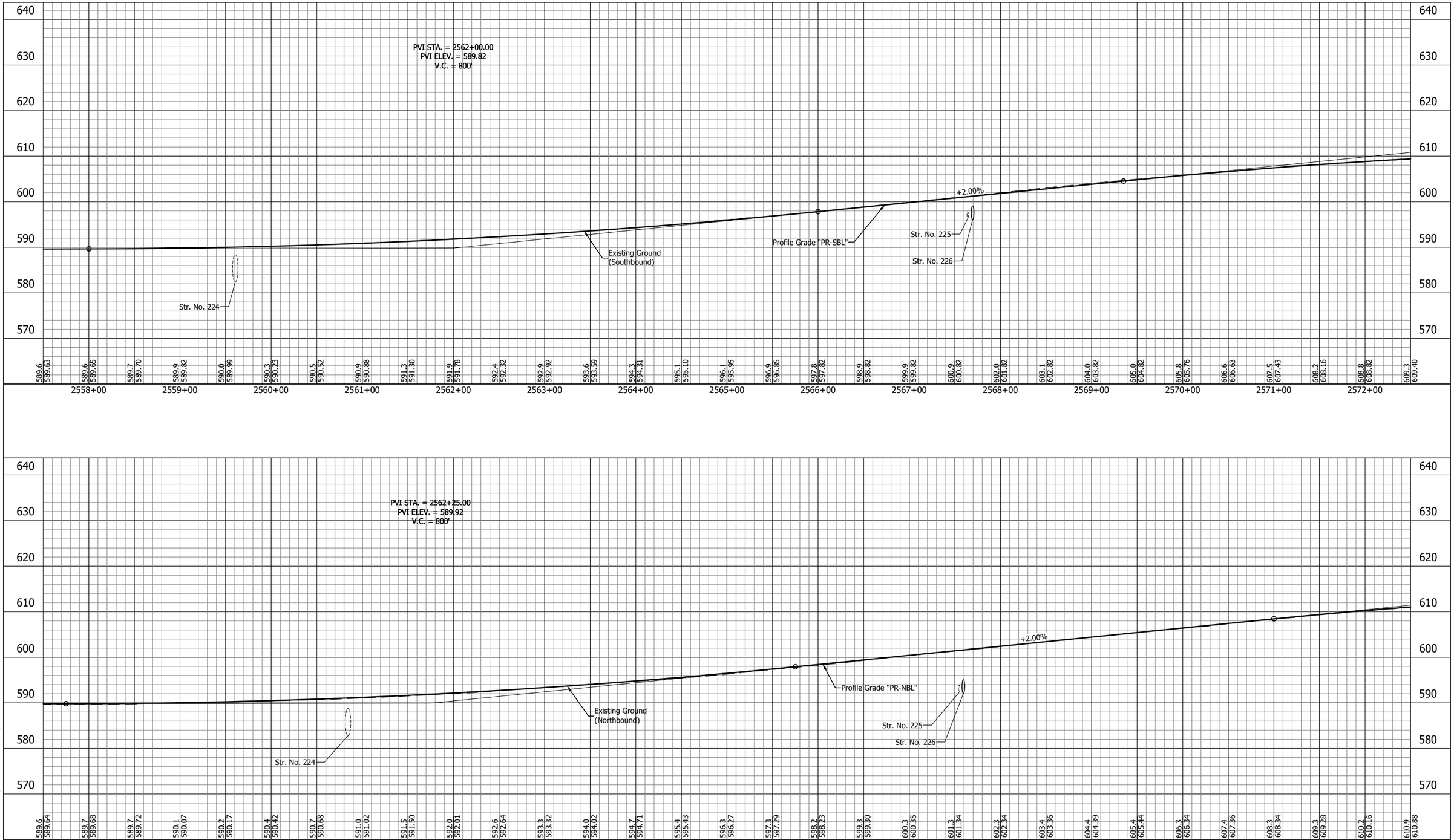
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	112 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\IN\I65-465\Road\Dwg\Plans\CD-Avg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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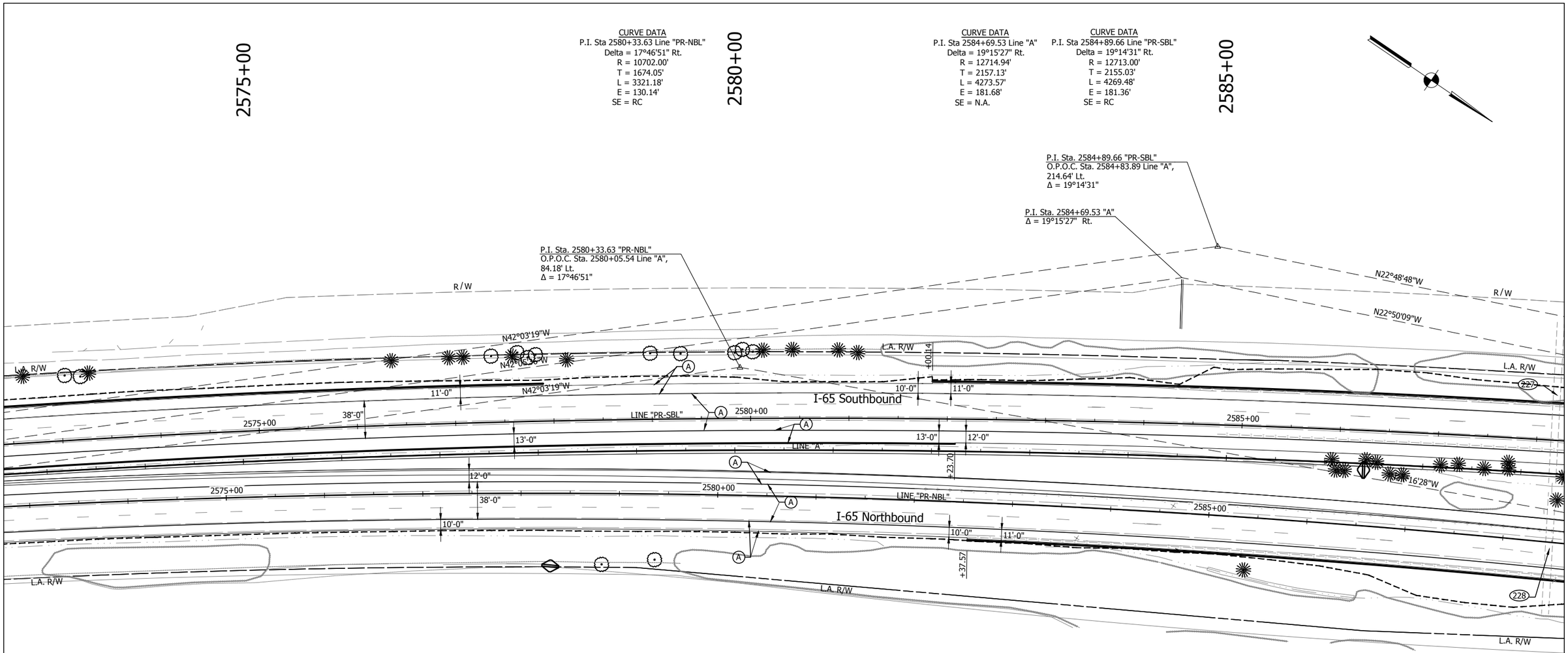
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	113 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
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Geotextile Separation Layer on
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Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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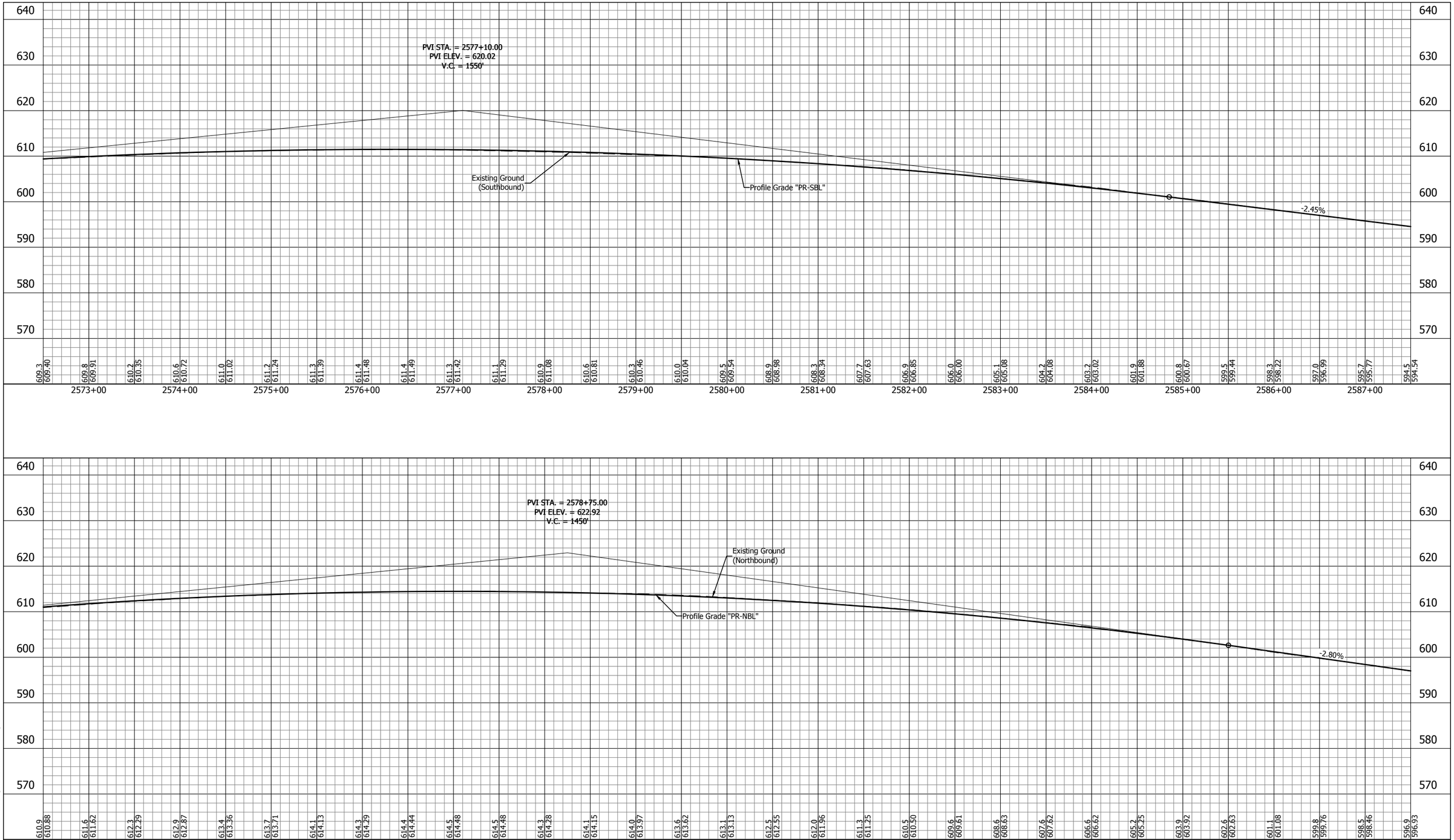
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	114 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road\Proj\C30\MK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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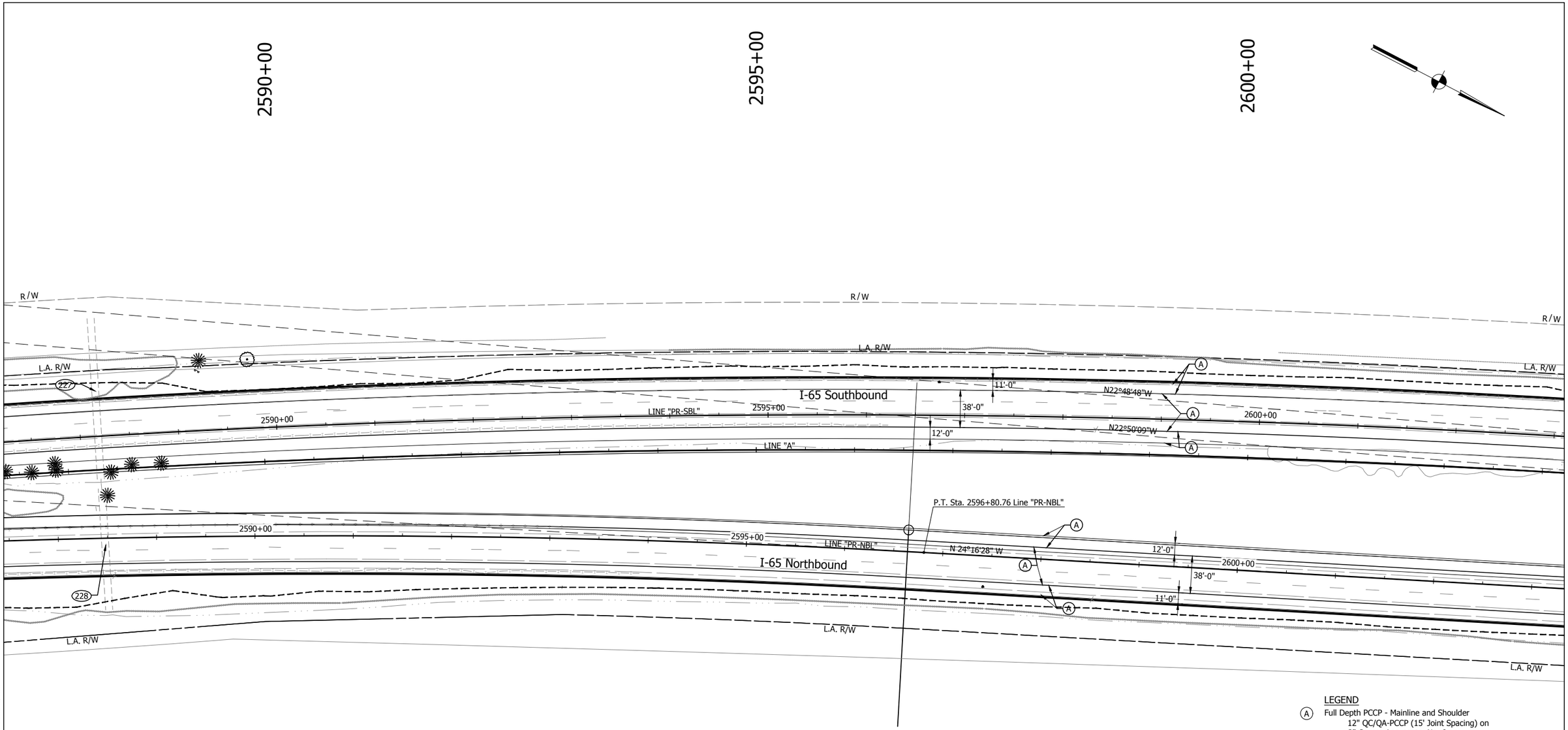
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	115 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\Wk\16-465\Road\Dwg\Plans\Profile - Part 1.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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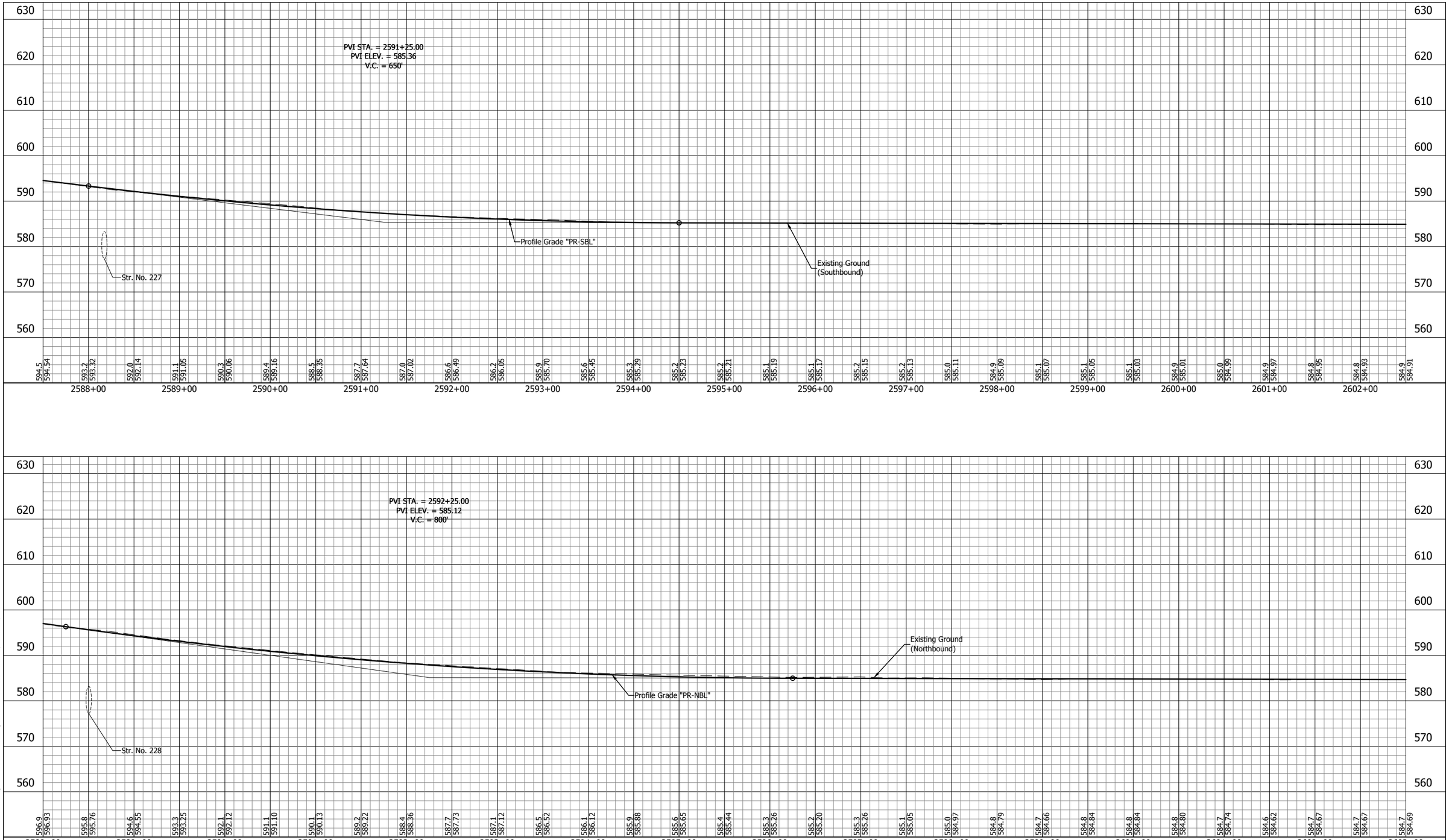
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	116 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\IN\16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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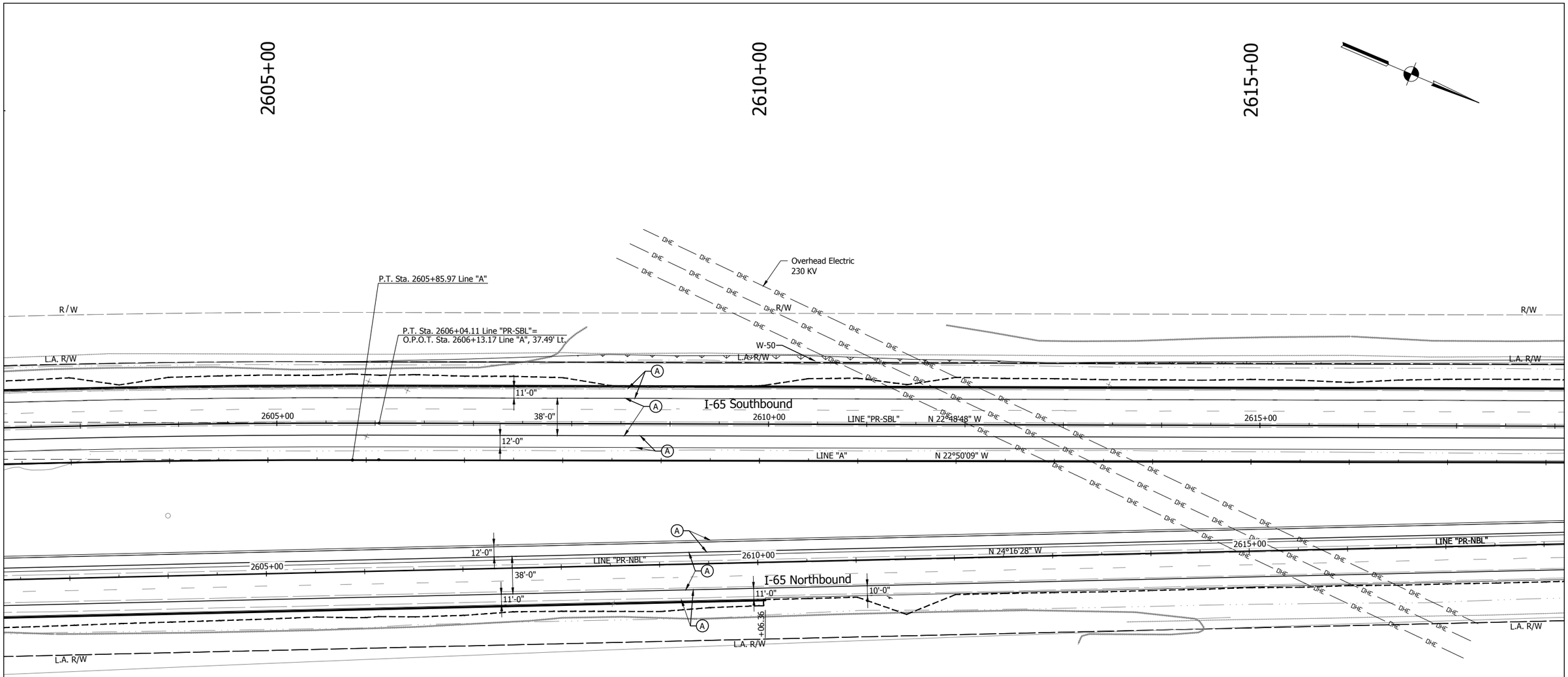
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	117 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

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12" QC/QA-PCCP (15' Joint Spacing) on
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3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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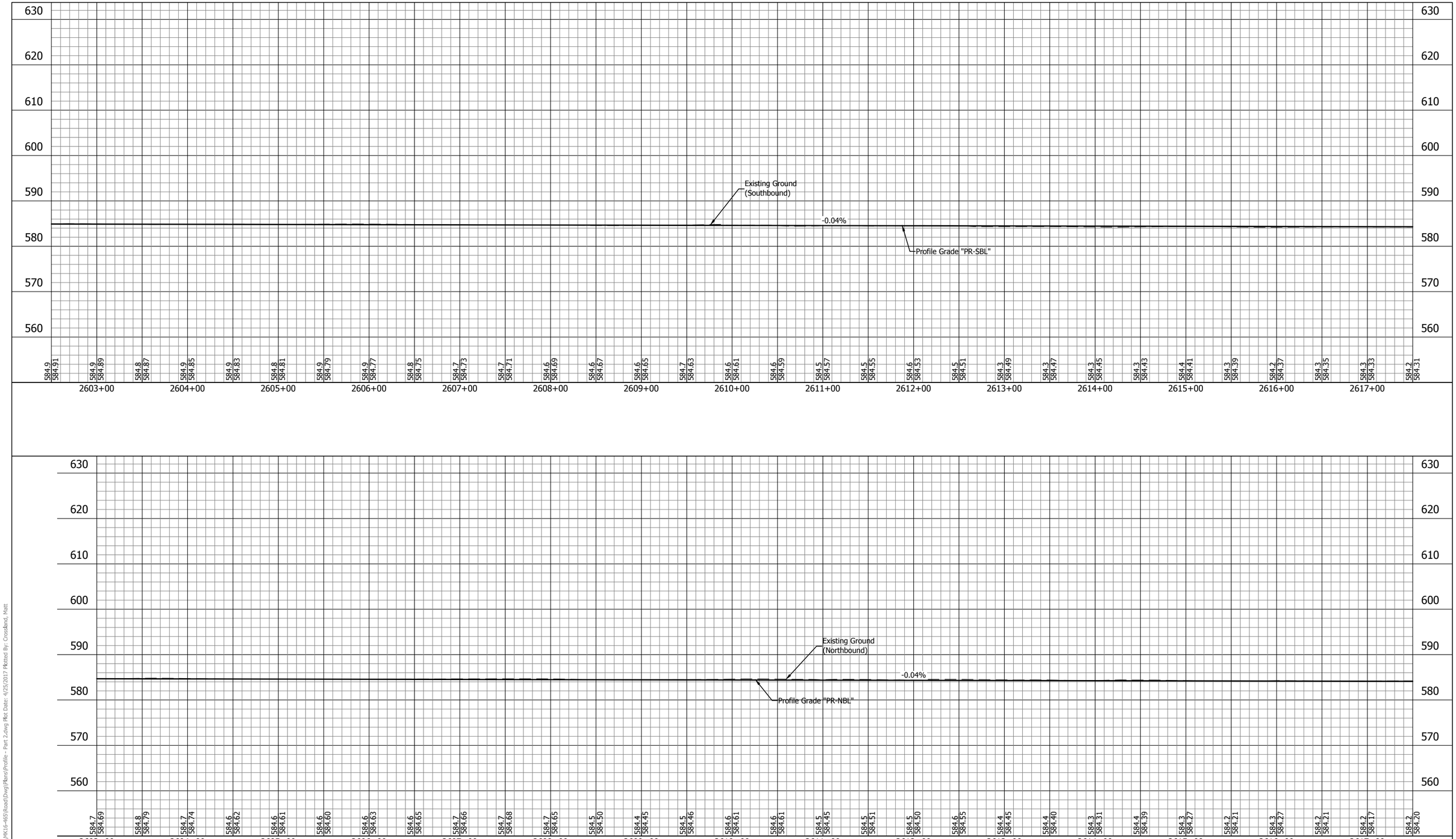
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	118 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSI04FS\Road1\Proj\CSD\IMK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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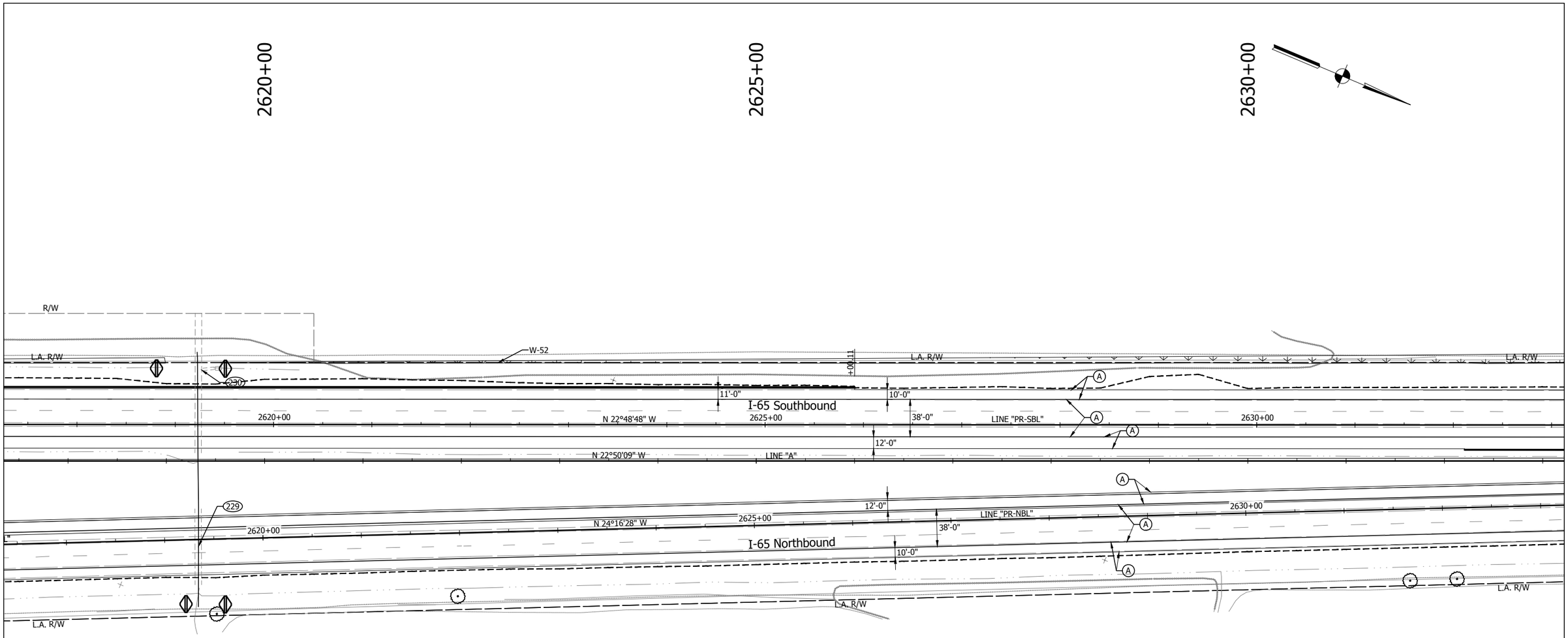
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	119 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

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12" QC/QA-PCCP (15' Joint Spacing) on
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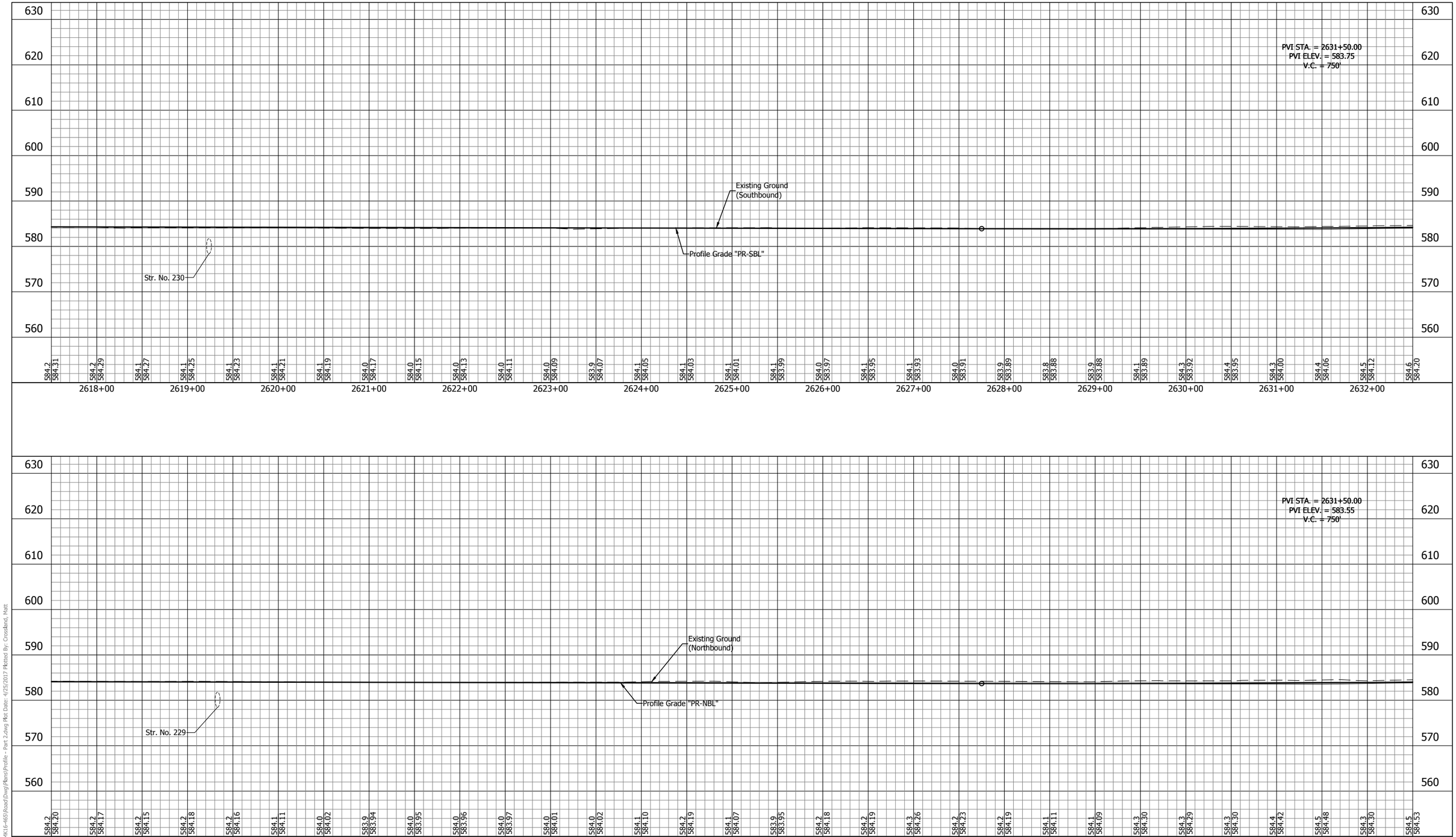
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	120 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road\Proj\C30\MK15-465\Road\Dwg\Plans\CD-dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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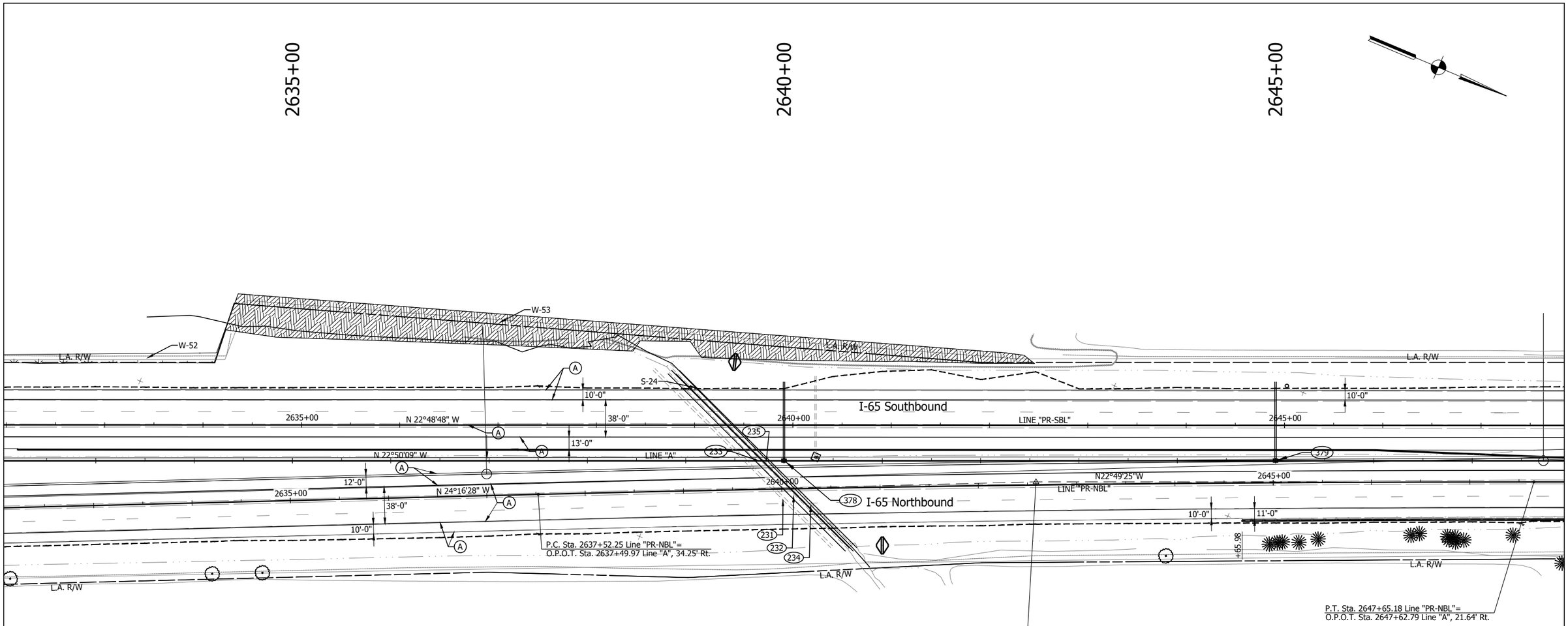
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	121 of 196
CONTRACT	PROJECT
R-28940	0501212



P.I. Sta. 2642+58.74 "PR-NBL"
O.P.O.T. Sta. 2642+56.30 Line "A",
21.53' Rt.
Δ = 1°27'03"

CURVE DATA
P.I. Sta 2642+58.74 Line "PR-NBL"
Delta = 1°27'03" Rt.
R = 40002.00'
T = 506.49'
L = 1012.92'
E = 3.21'
SE = NC

LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
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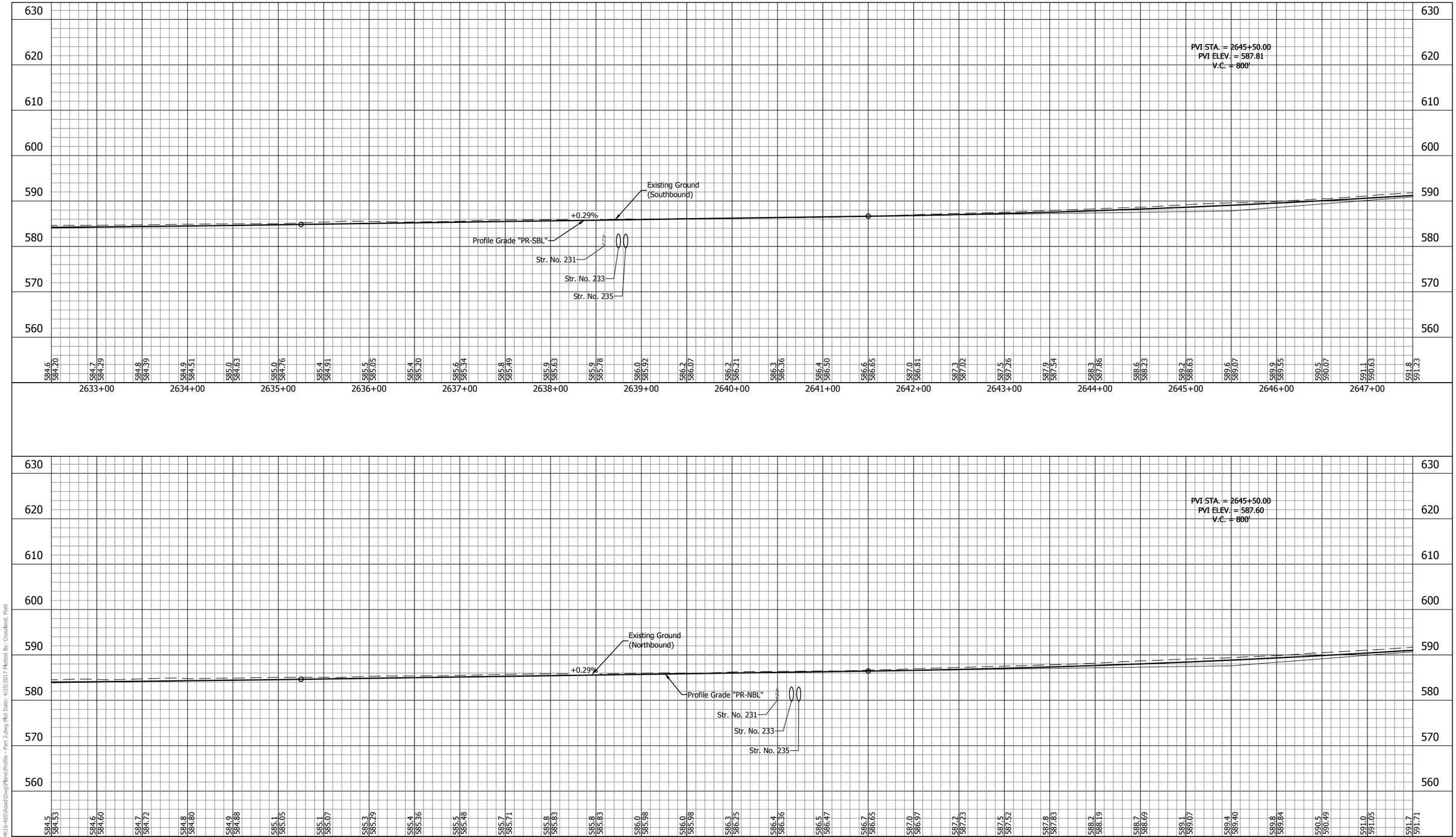
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	122 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDAFS\Road1\Proj\CSD\0K16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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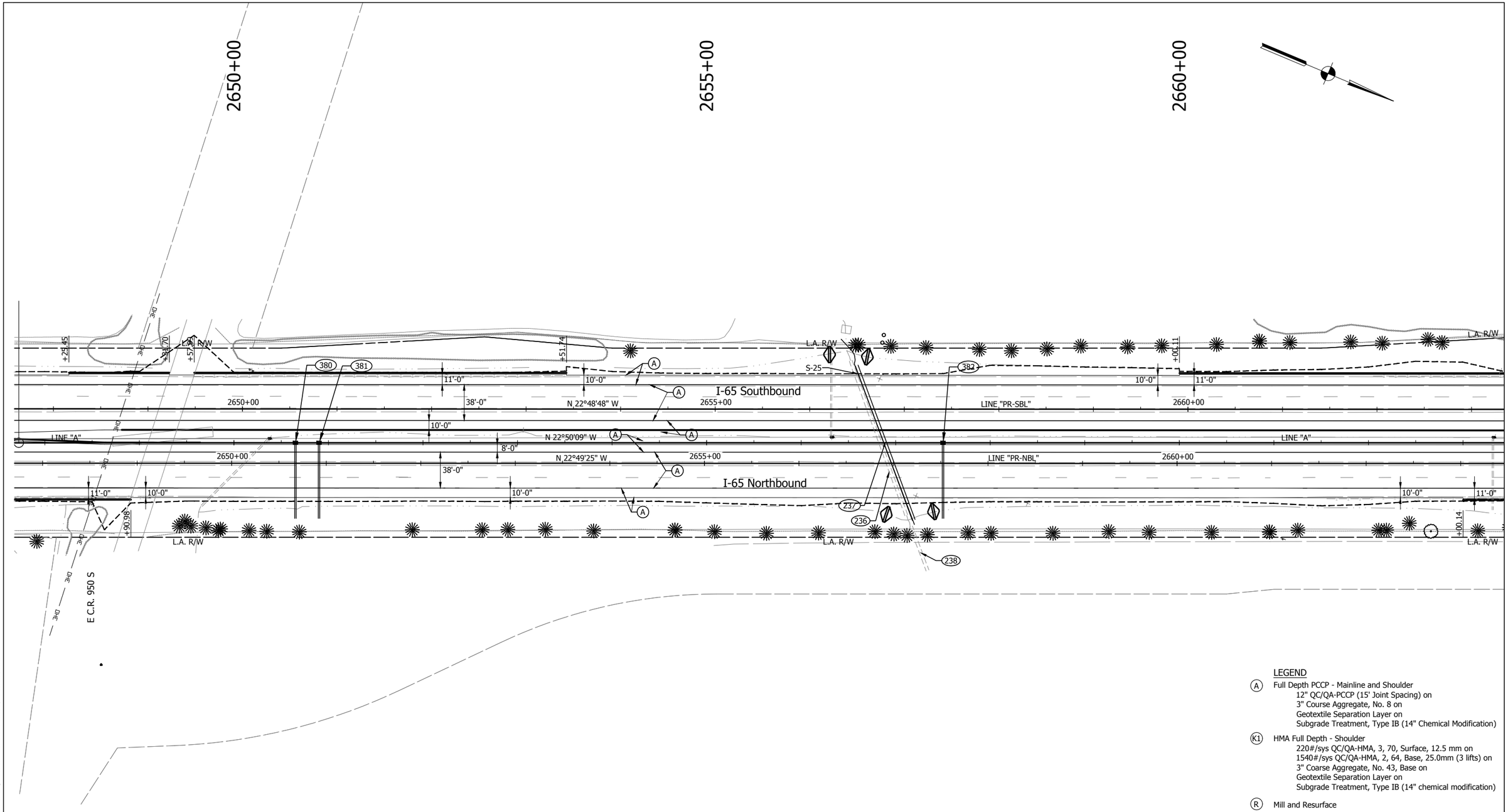
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	123 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

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220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
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3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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DESIGN ENGINEER DATE

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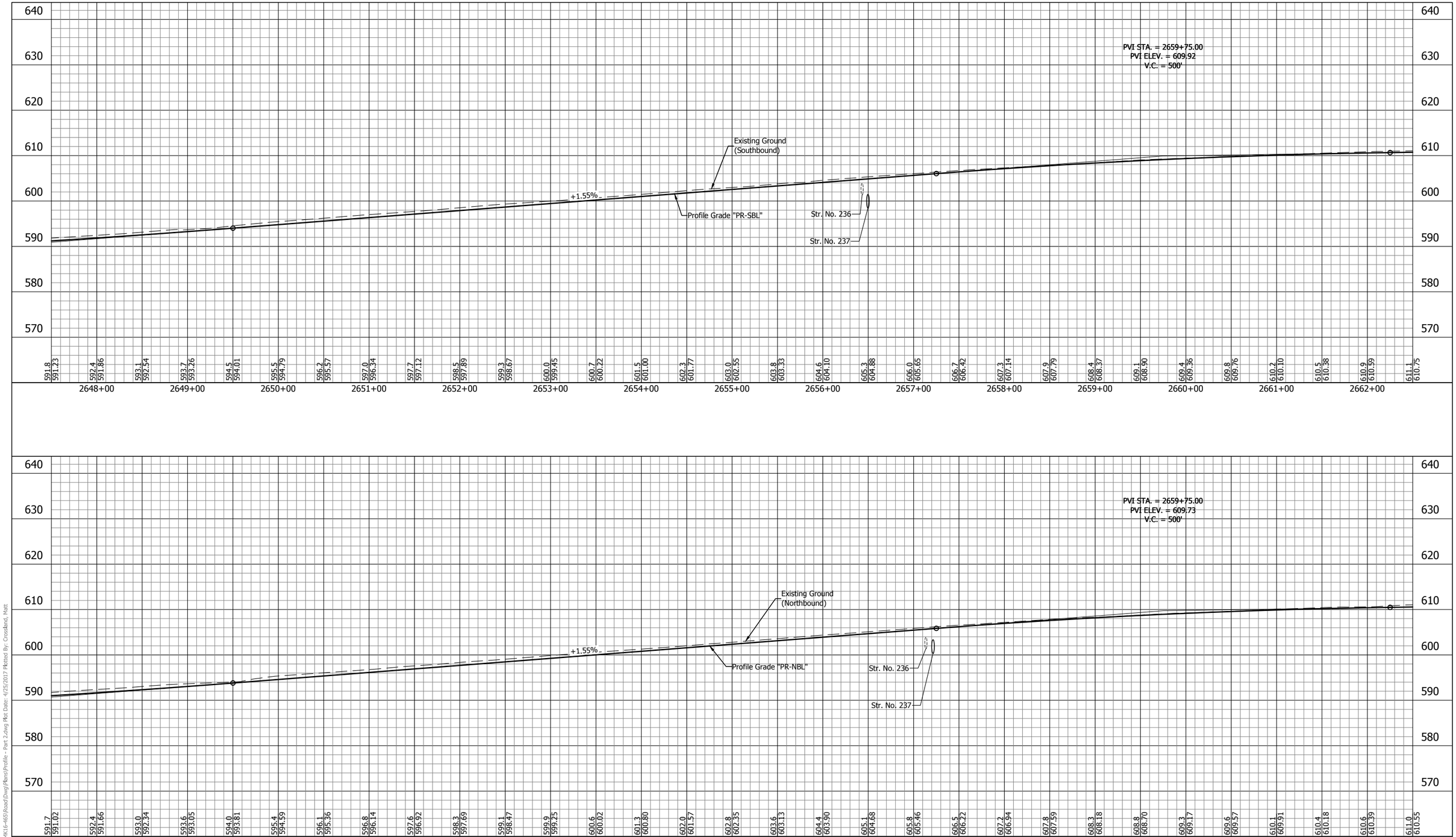
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	124 of 196
CONTRACT	PROJECT
R-28940	0501212



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INDIANA
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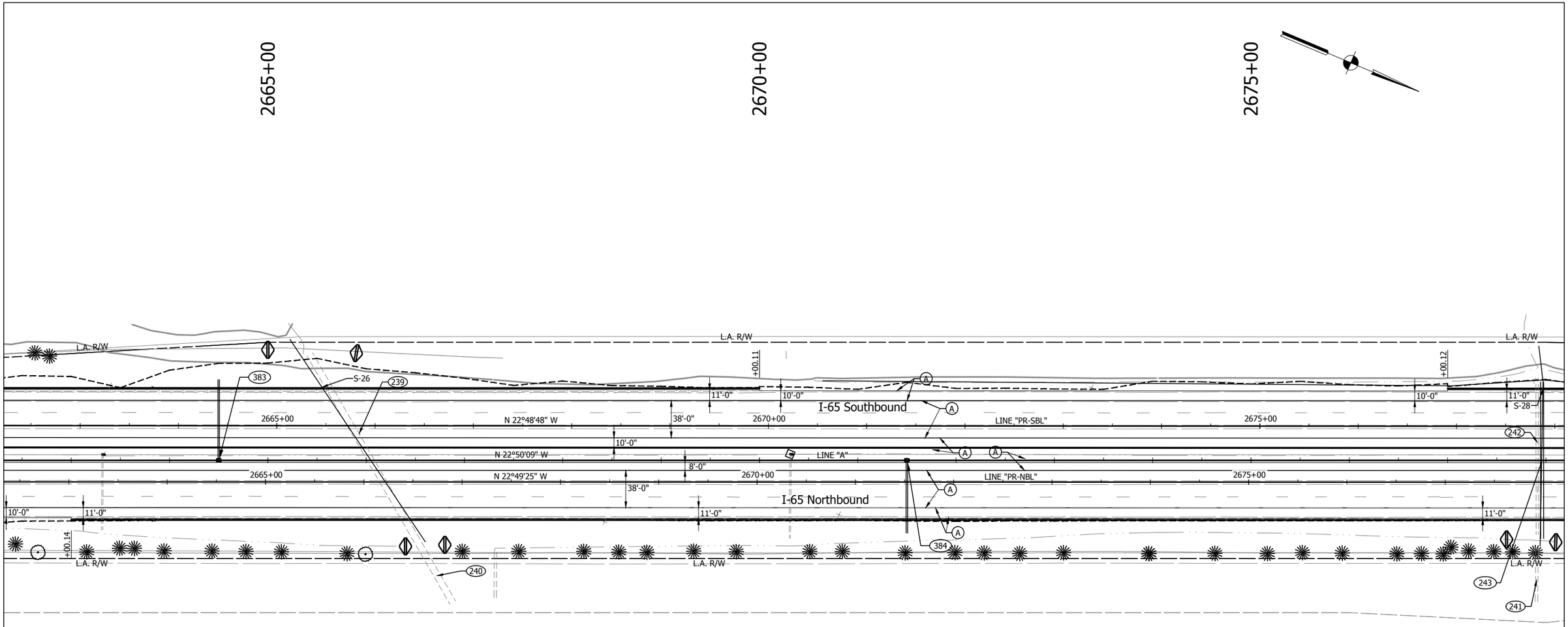
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	125 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
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(R) Mill and Resurface

Construction Limits

Detention Berm

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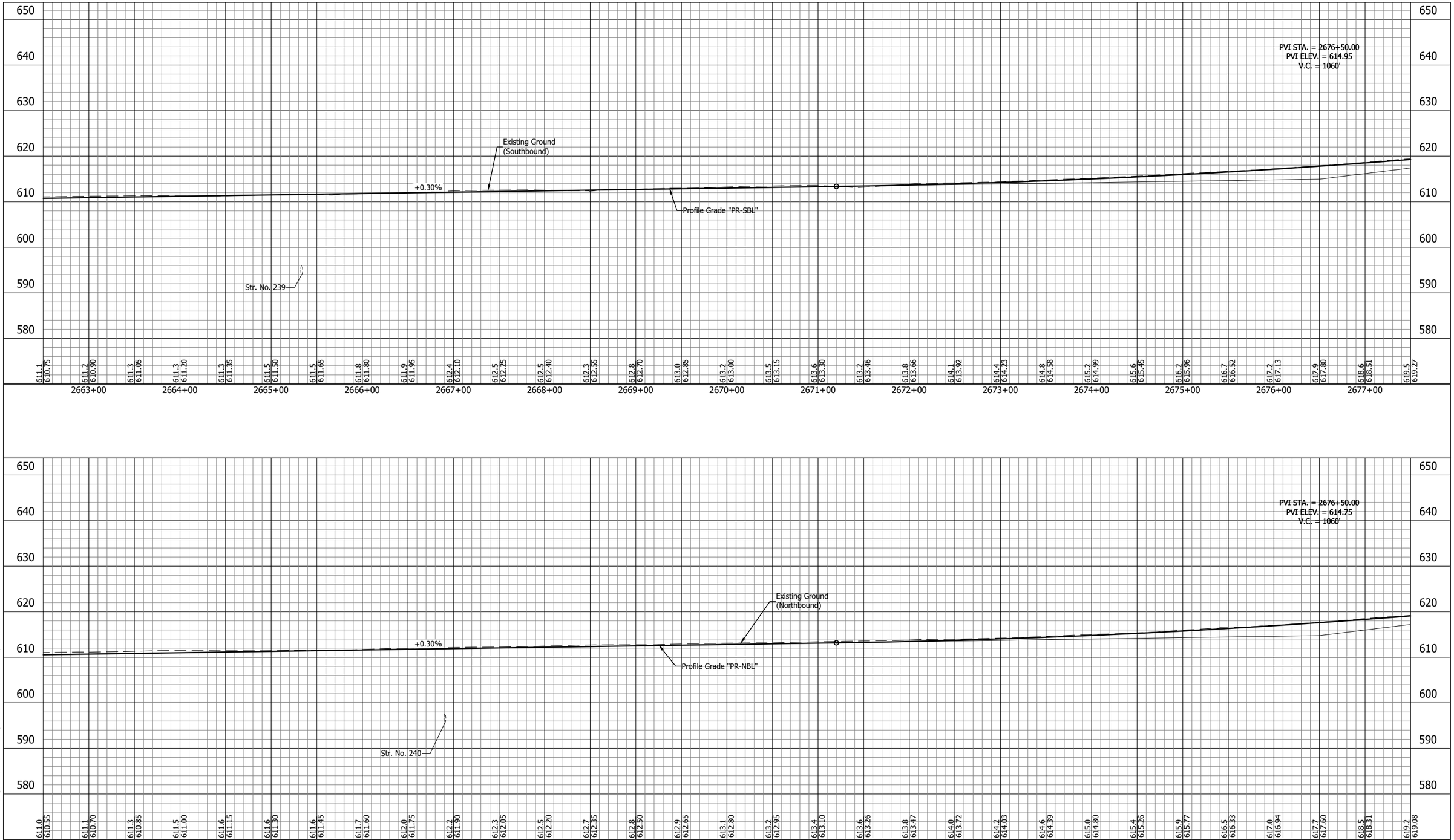
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	126 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1Proj\CSD\MK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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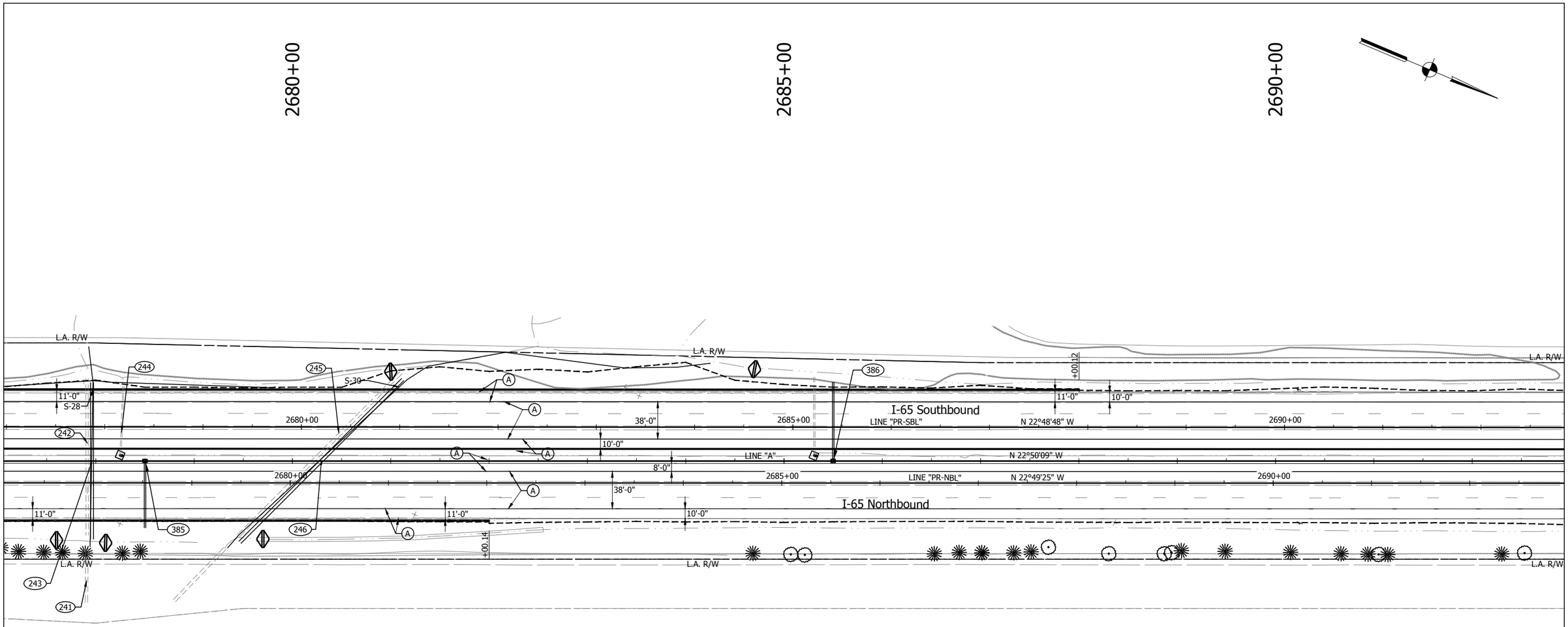
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	127 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\WK16-465\Road\Dwg\Plans\Profile - Part 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
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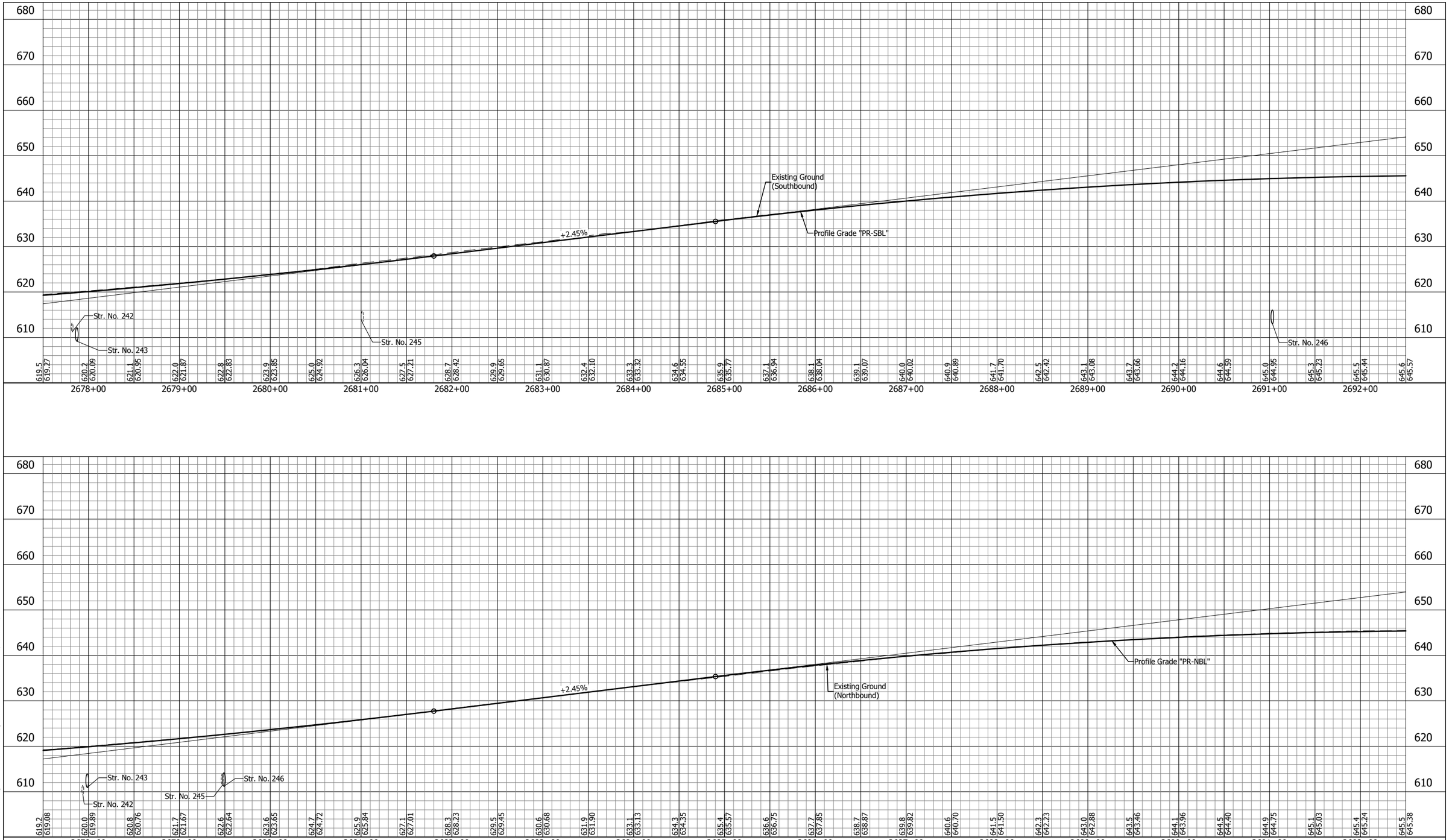
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	128 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSSWFS\Road\Proj\C3D\WK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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DESIGNED: SRP | DRAWN: MAC

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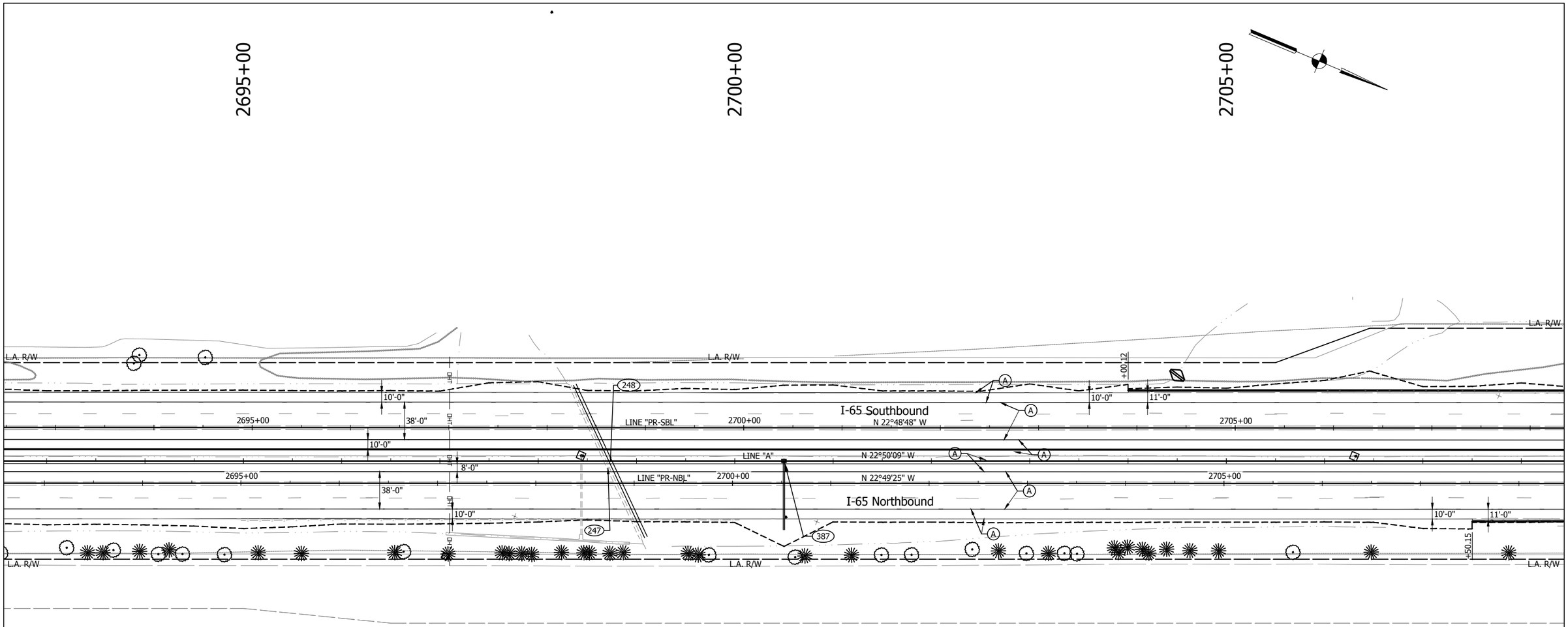
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	129 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

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1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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DESIGN ENGINEER DATE

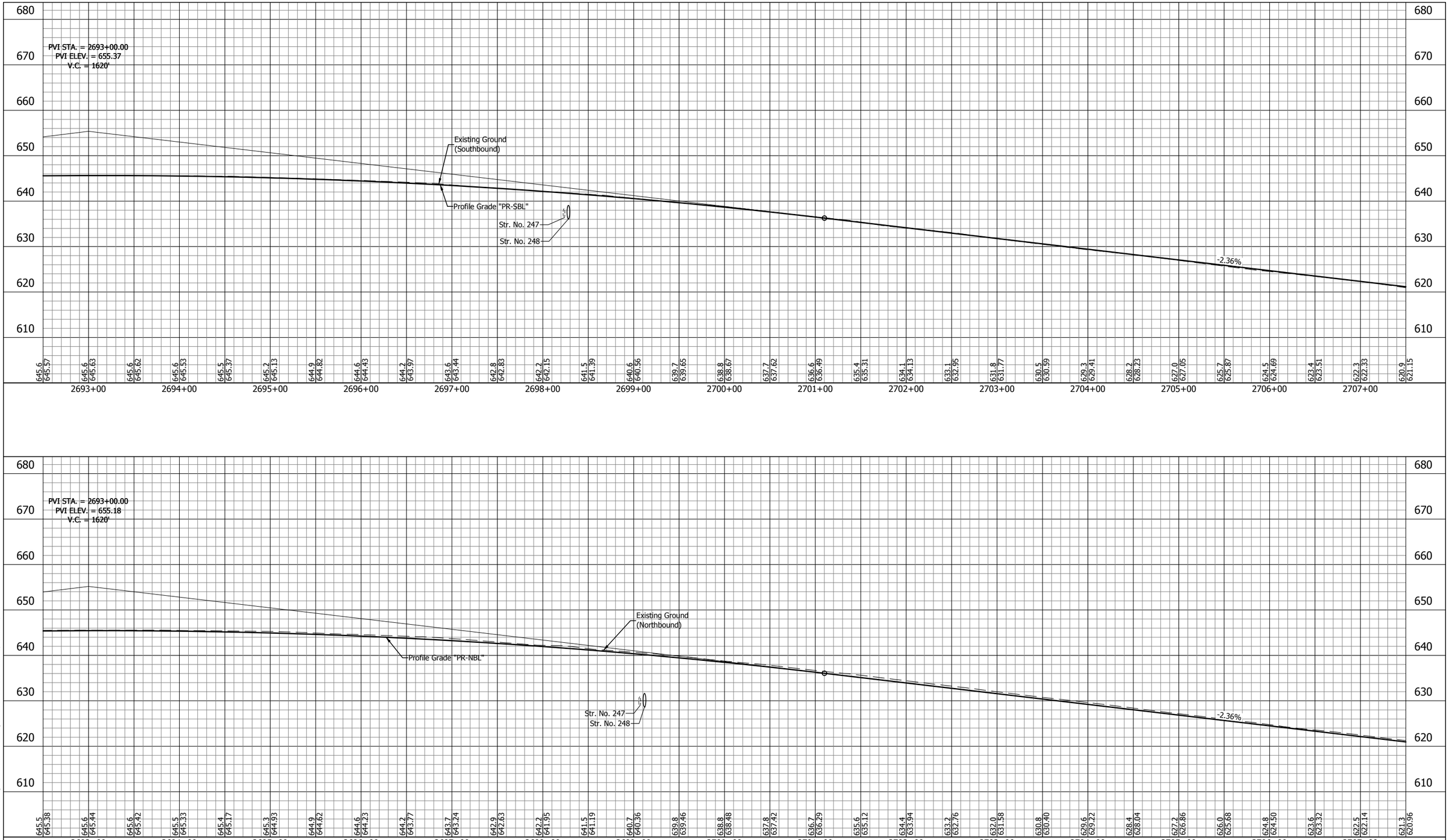
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	130 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDMFS\Road1Proj\C30\MK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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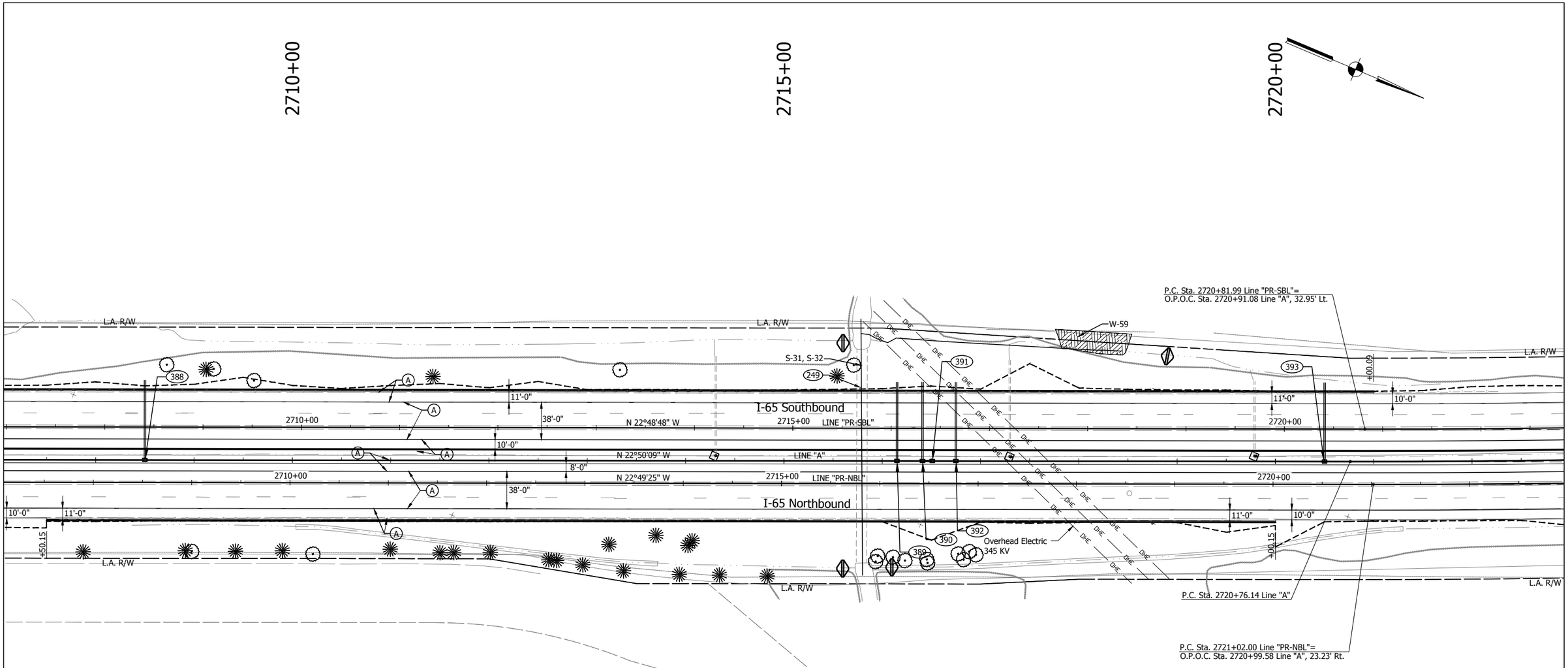
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	131 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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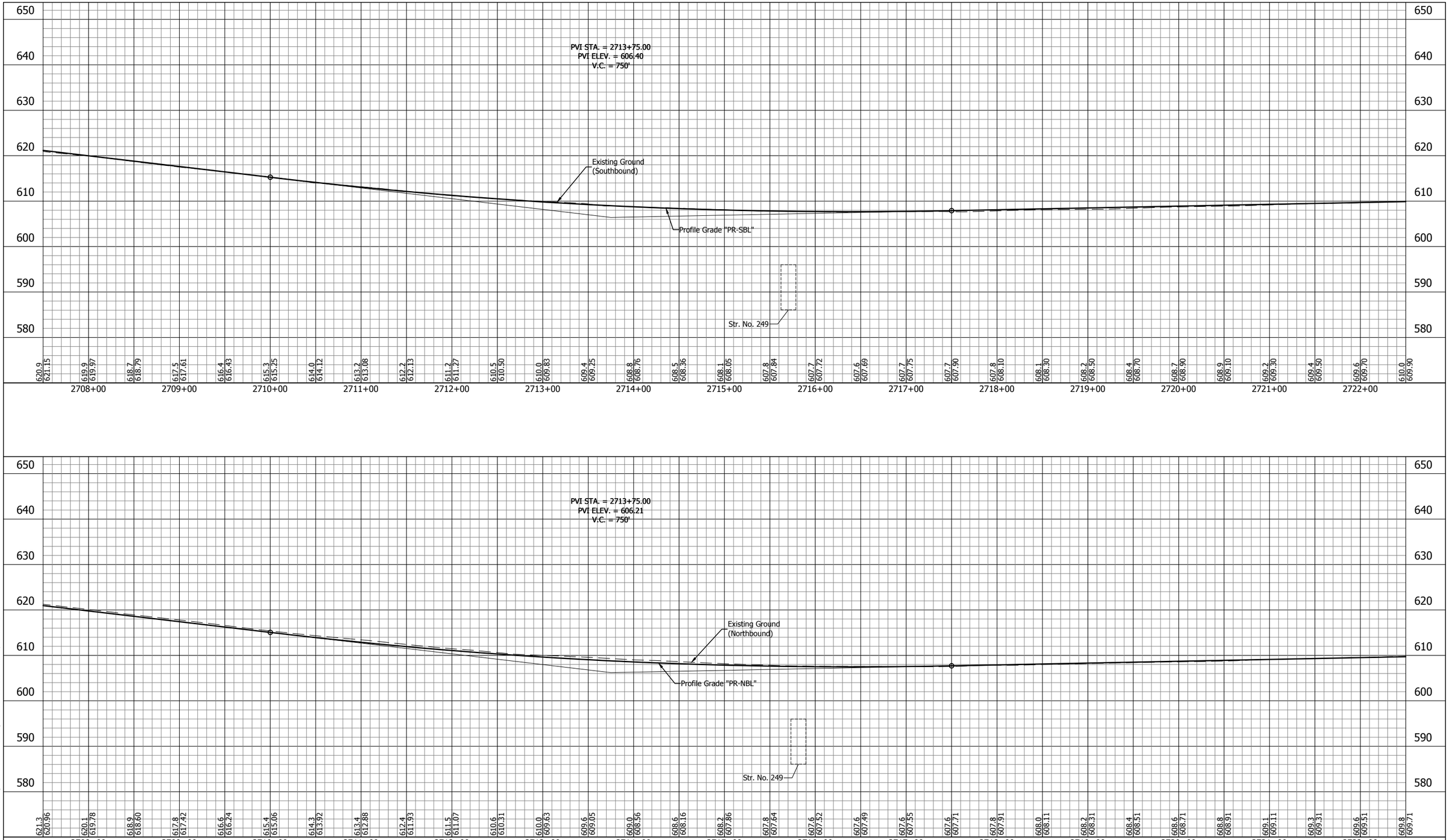
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	132 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C30\9K16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crosslang, Matt



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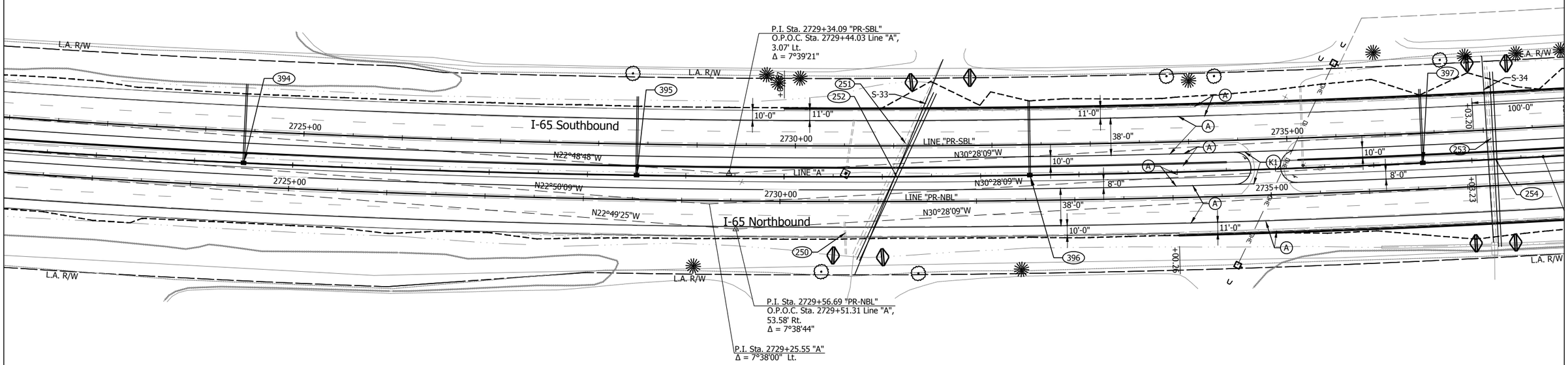
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	133 of 196
CONTRACT	PROJECT
R-28940	0501212

CURVE DATA
P.I. Sta 2729+34.09 Line "PR-SBL"
Delta = 7°39'21" Lt.
R = 12735.00'
T = 852.10'
L = 1701.67'
E = 28.48'
SE = RC

CURVE DATA
P.I. Sta 2729+25.55 Line "A"
Delta = 7°38'00" Lt.
R = 12732.42'
T = 849.41'
L = 1696.30'
E = 28.30'
SE = N.A.



CURVE DATA
P.I. Sta 2729+56.69 Line "PR-NBL"
Delta = 7°38'44" Lt.
R = 12791.00'
T = 854.69'
L = 1706.83'
E = 28.52'
SE = RC

LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.
NOTE: Only non-permitted wetlands shown.

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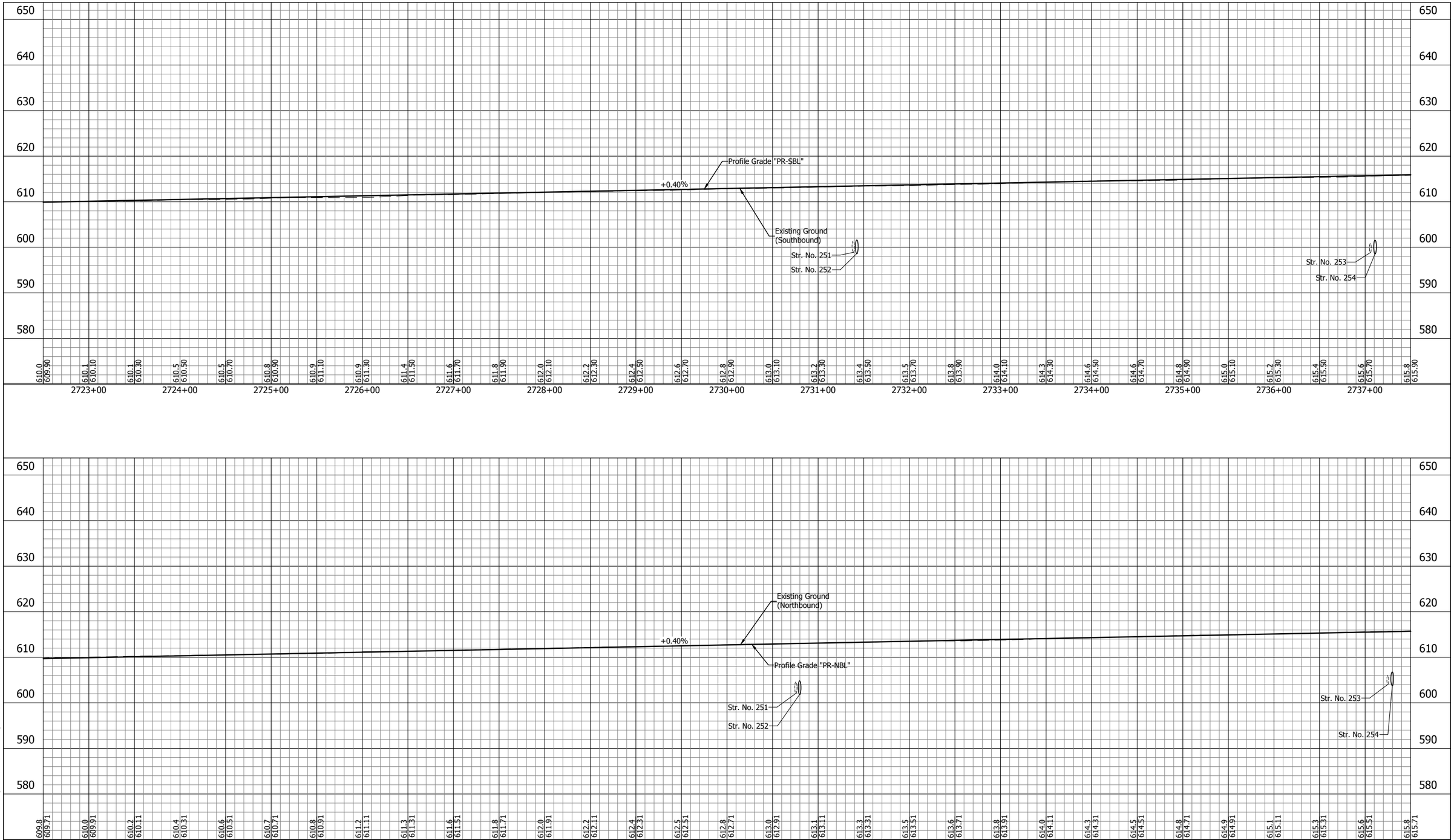
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	134 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1\Proj\CSD\PMI16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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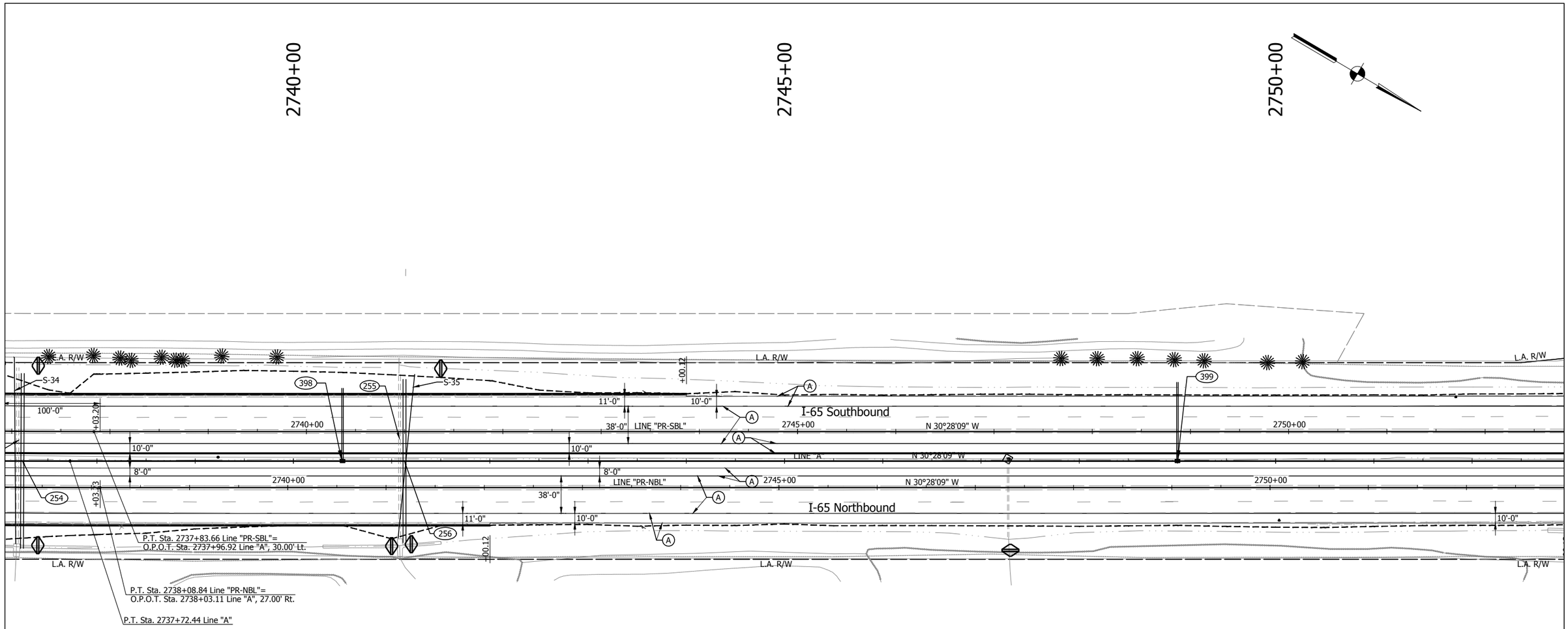
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	135 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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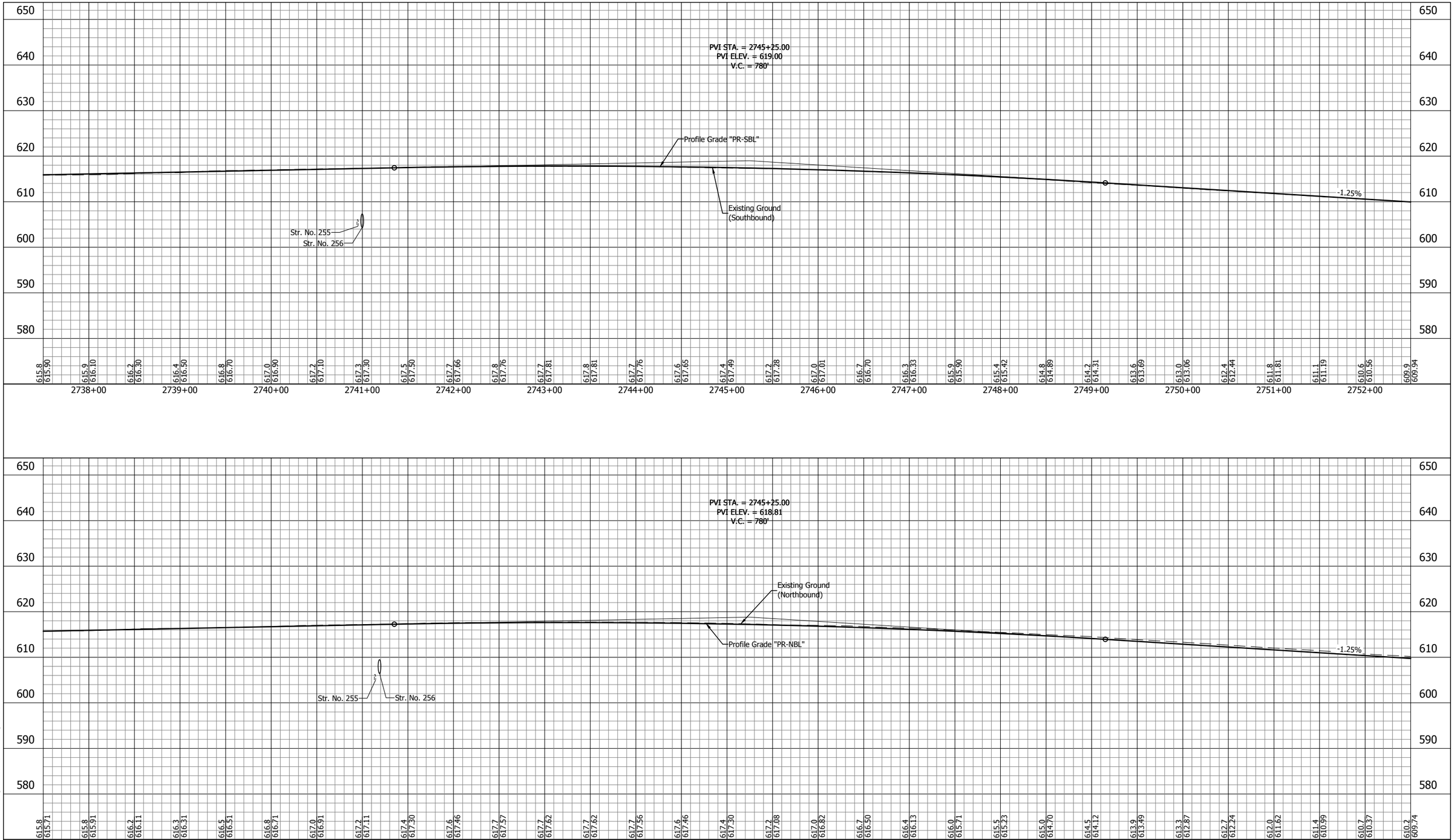
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	136 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road\Proj\IC30\IM16-465\Road\Dwg\Plans\CD-dwg Plot Date: 4/25/2017 Plotted By: Crosslang, Matt



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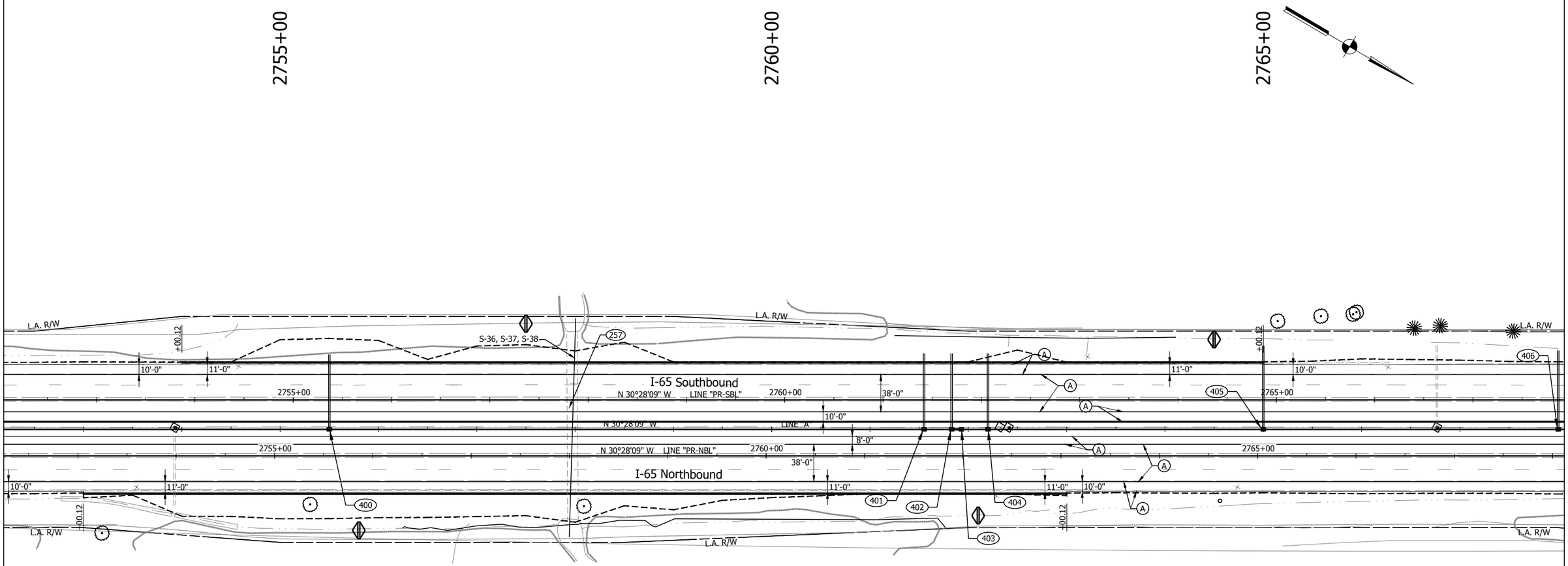
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	137 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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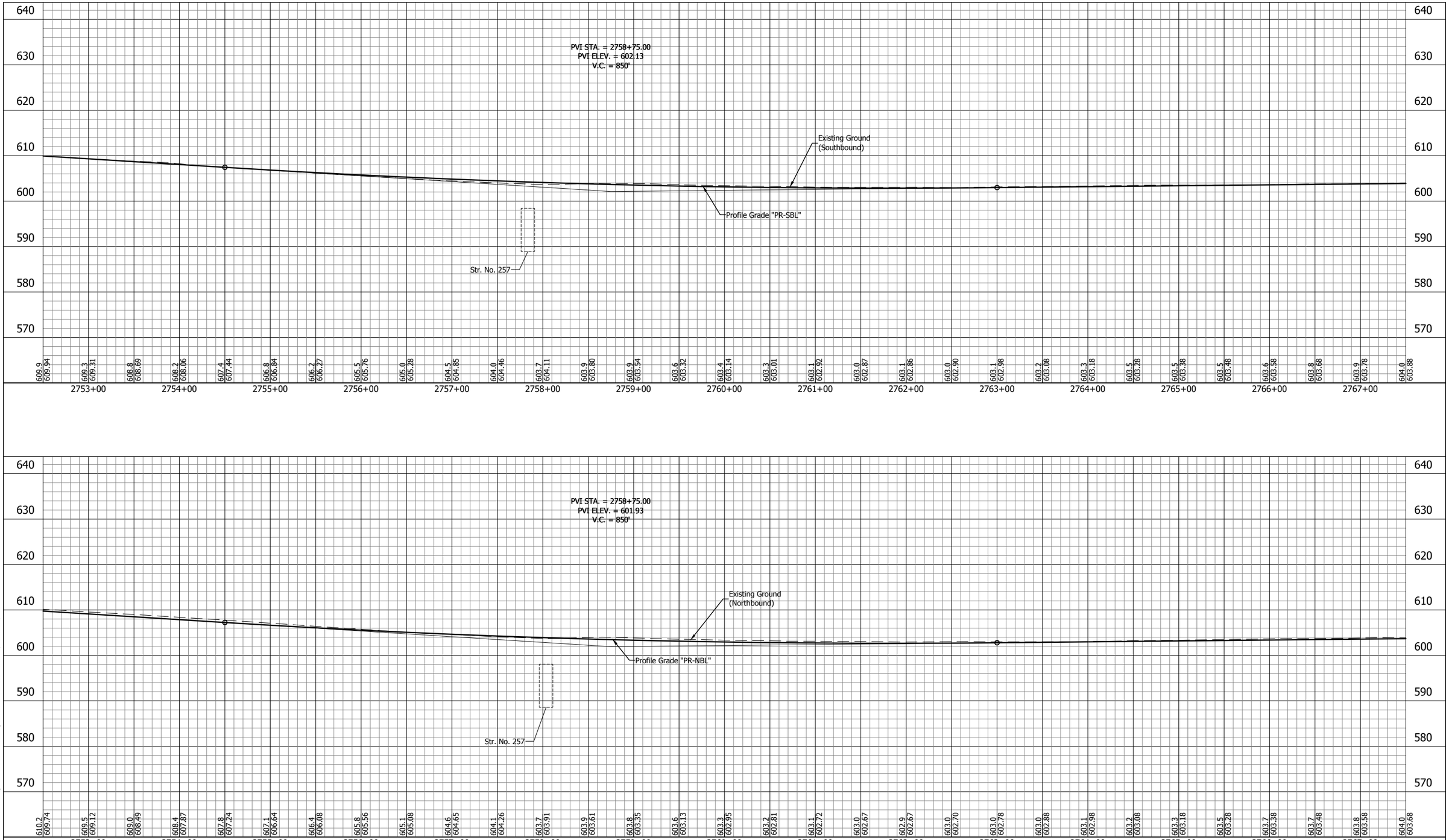
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	138 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDFS\Road\Proj\C30\MK15-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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DESIGNED: SRP DRAWN: MAC

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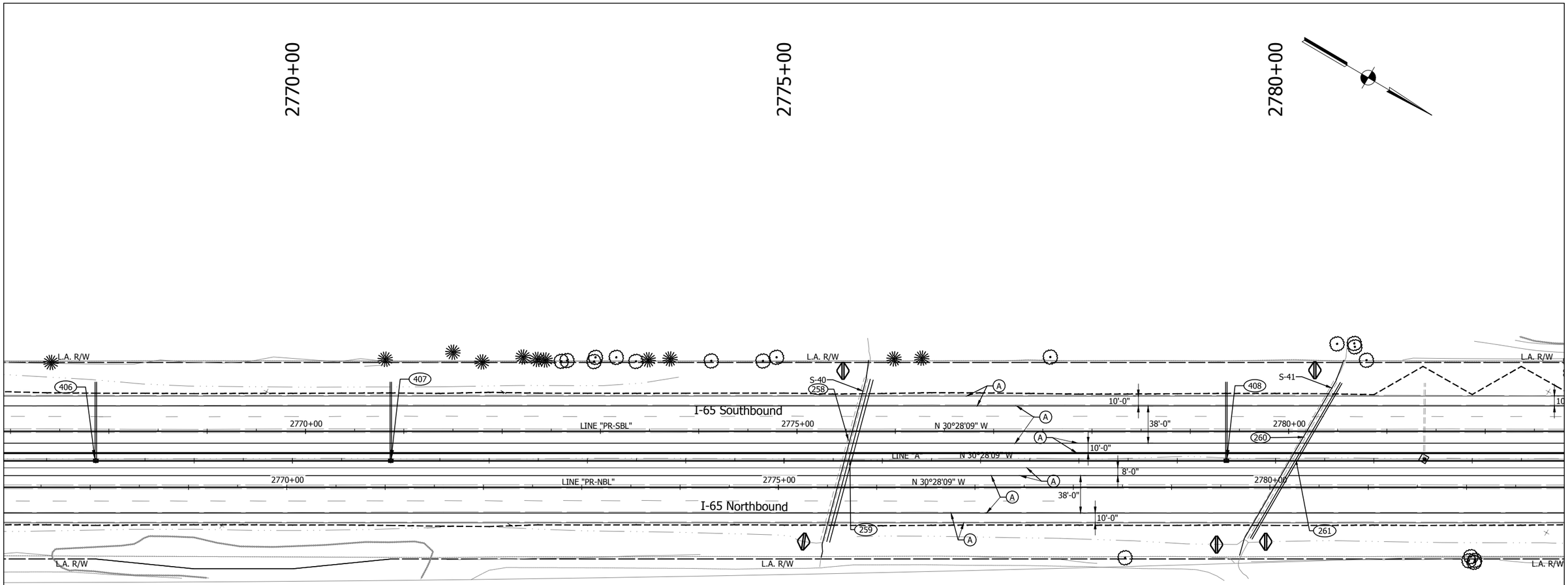
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	139 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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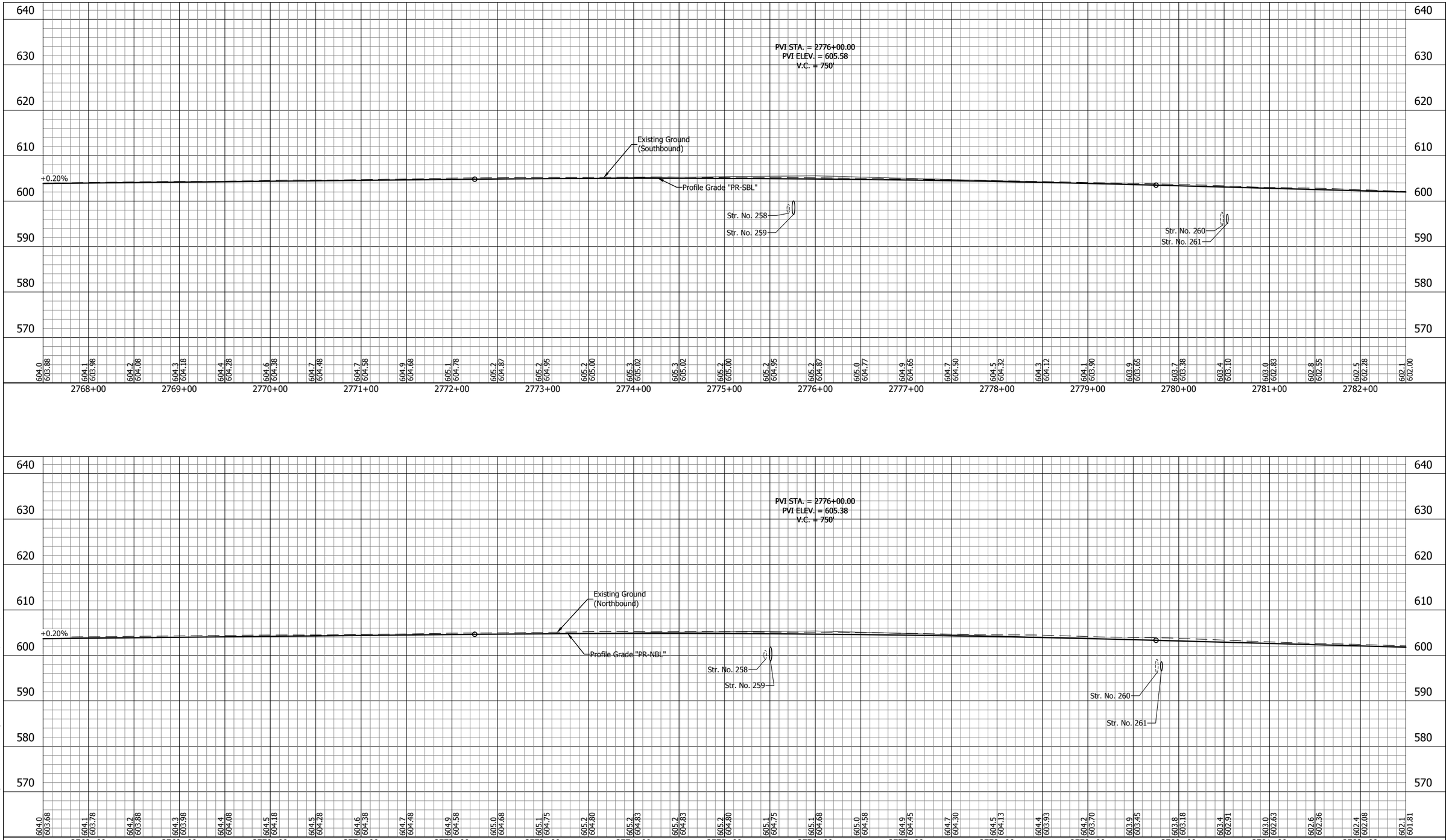
DESIGNED: SRP DRAWN: MAC

CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	140 of 196
CONTRACT	PROJECT
R-28940	0501212



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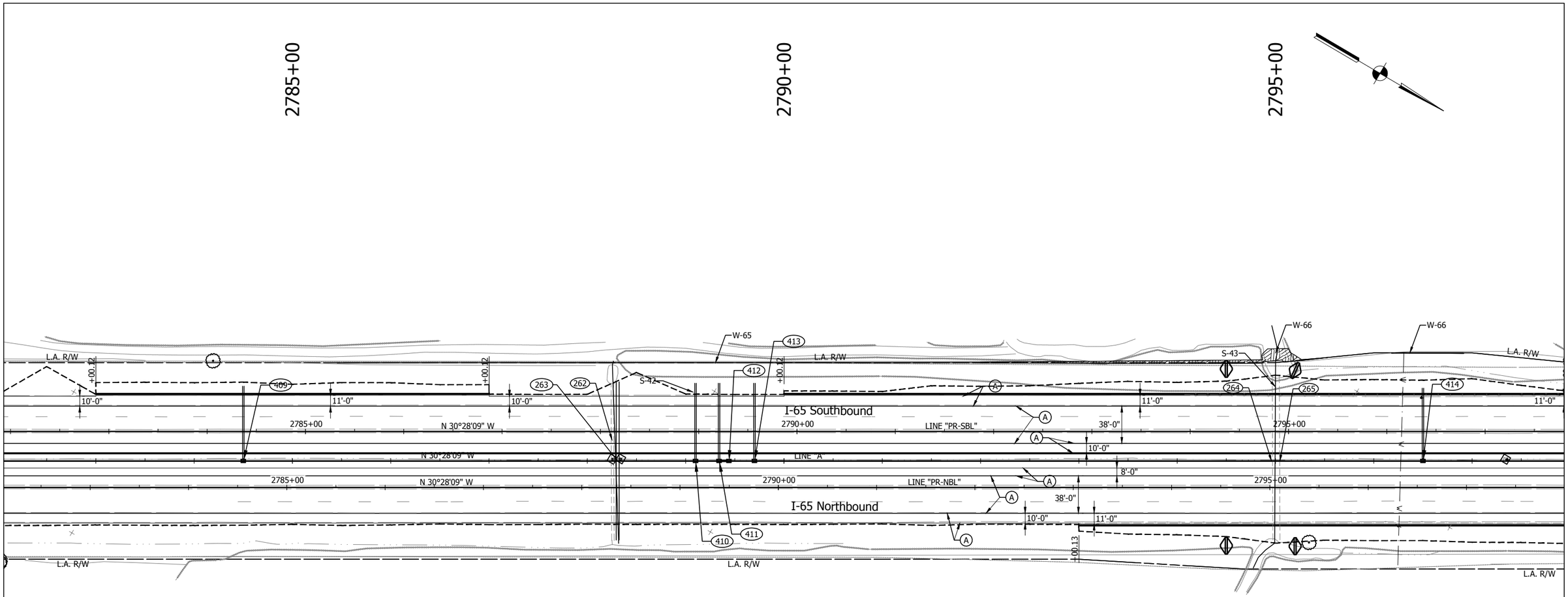
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	141 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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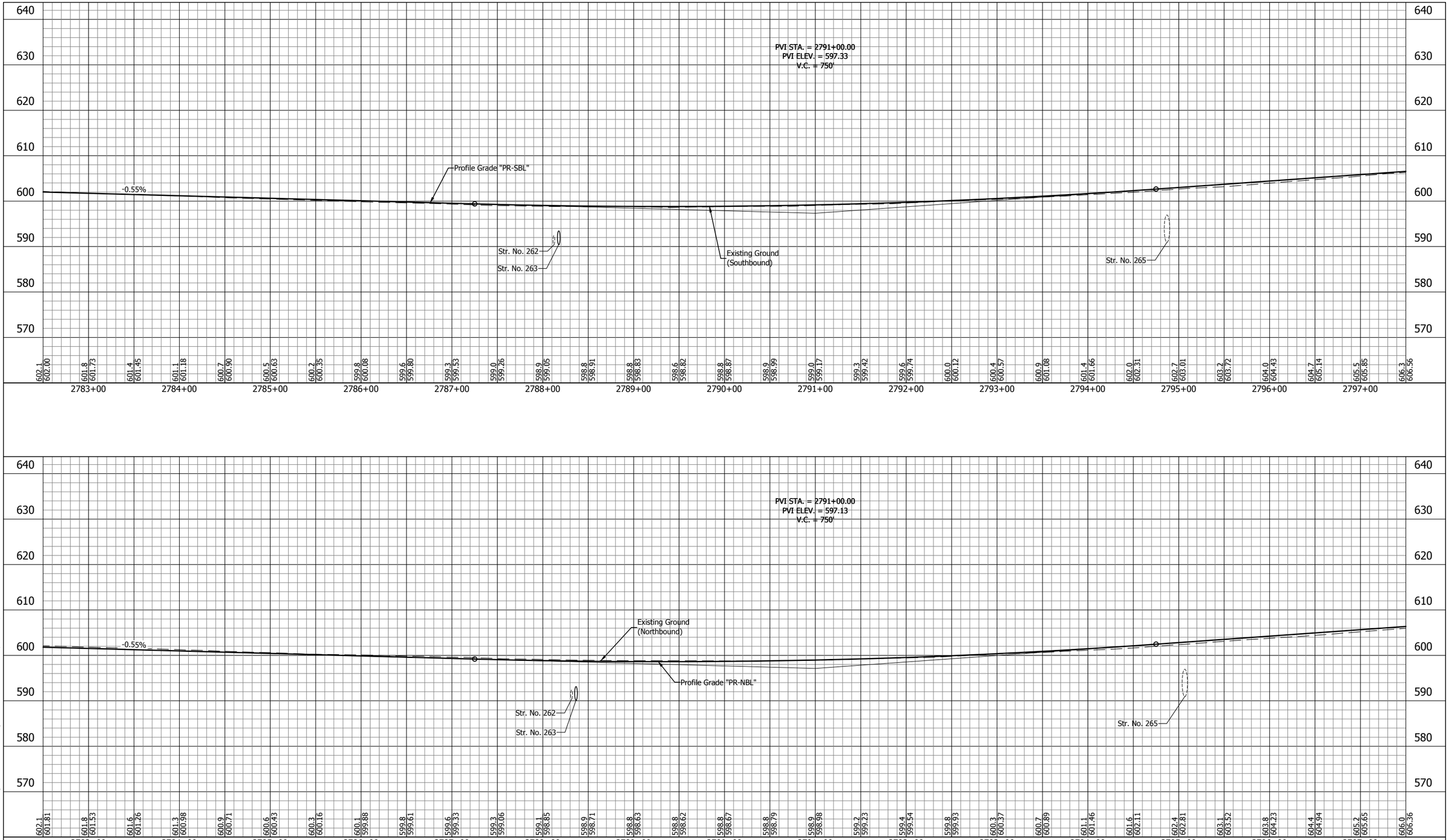
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	142 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN\I65-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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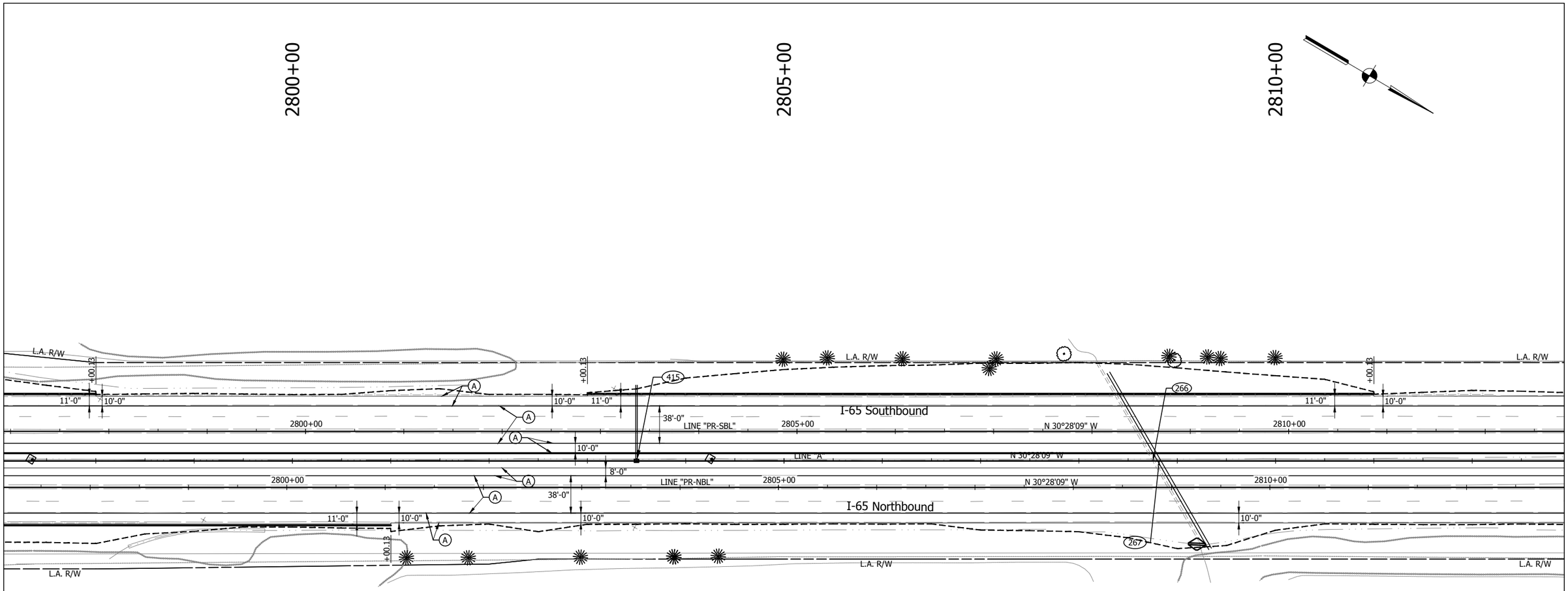
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	143 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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NOTE: Only non-permitted wetlands shown.

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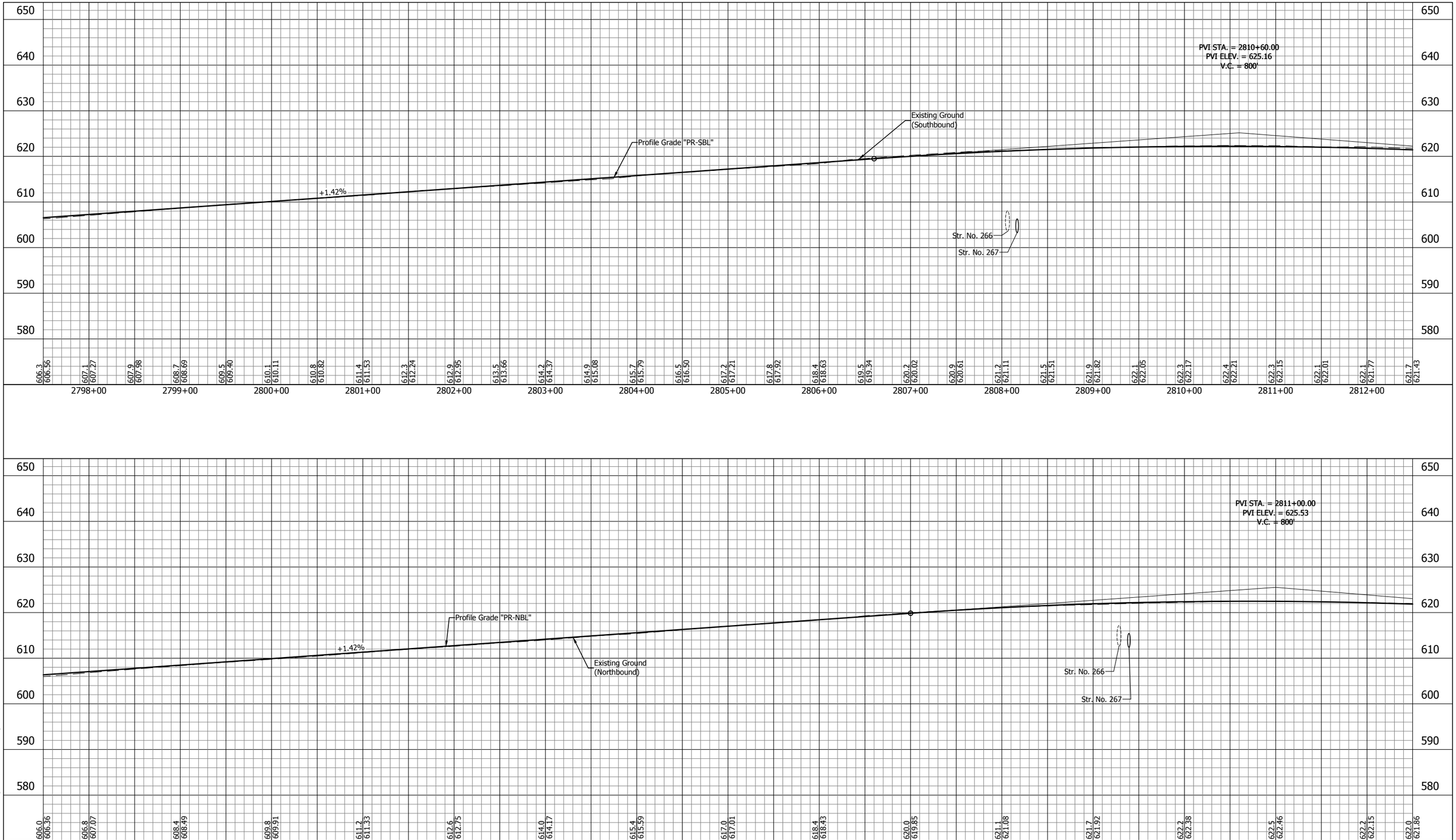
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	144 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\WK16-I65\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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DESIGN ENGINEER DATE

DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

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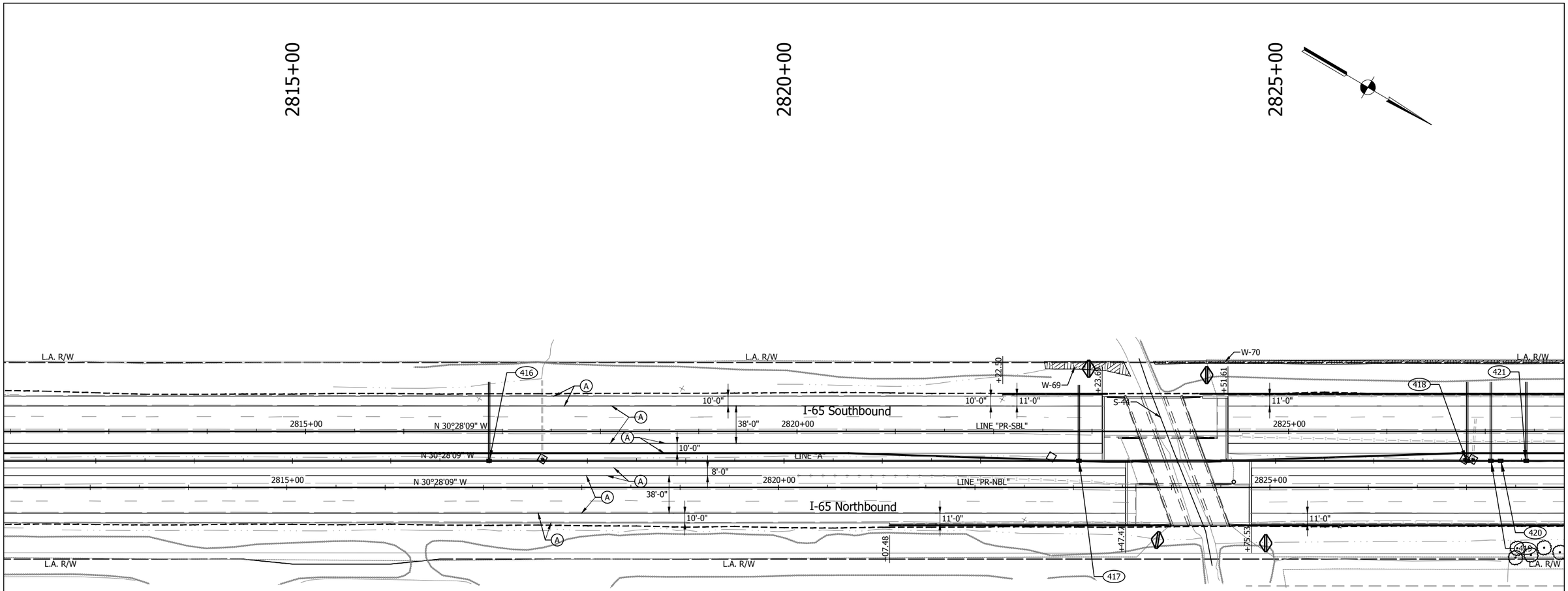
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	145 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\WK16-465\Road\Dwg\Plans\Profile - Part 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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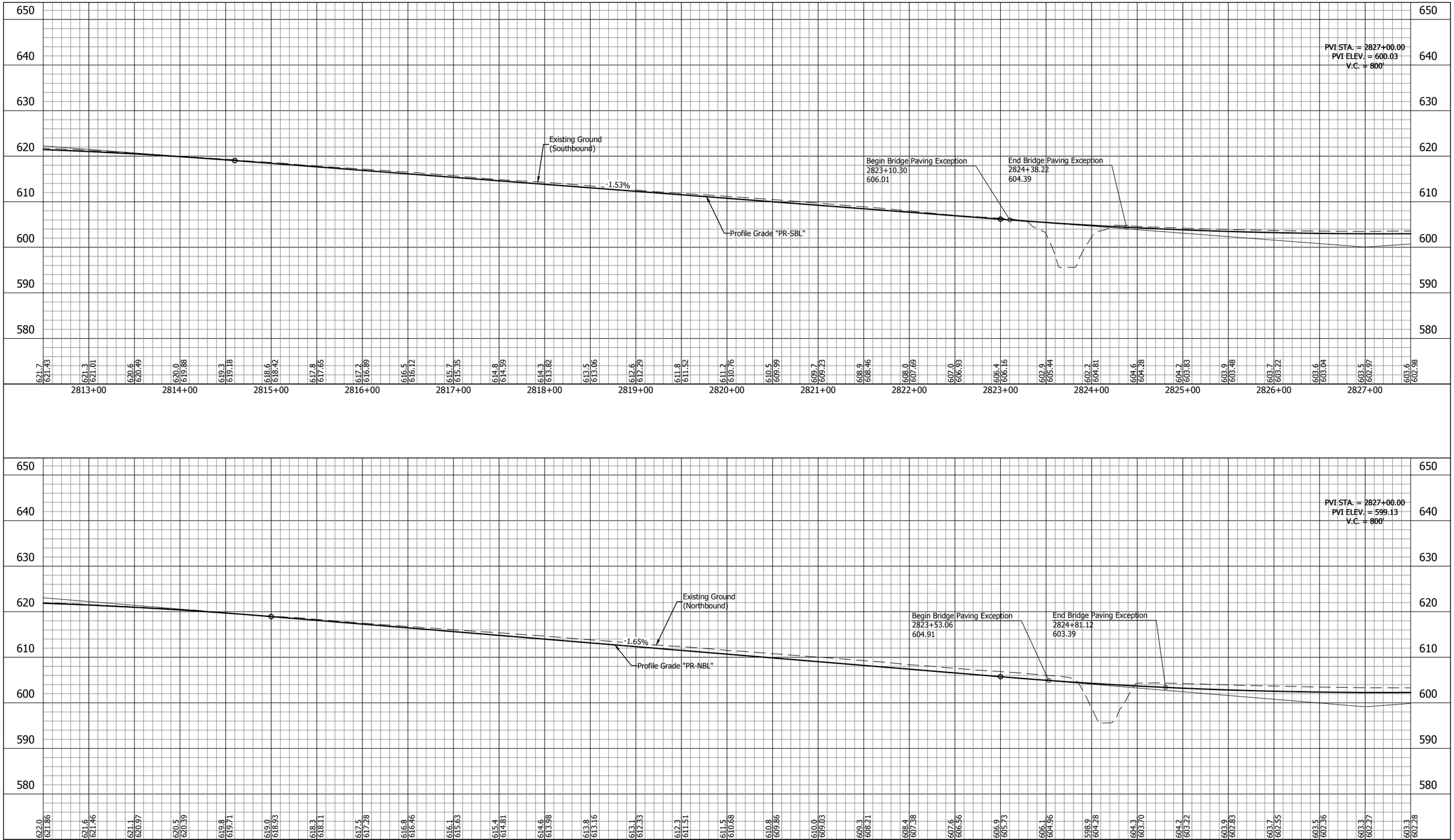
DESIGN ENGINEER DATE

DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	146 of 196
CONTRACT	PROJECT
R-28940	0501212



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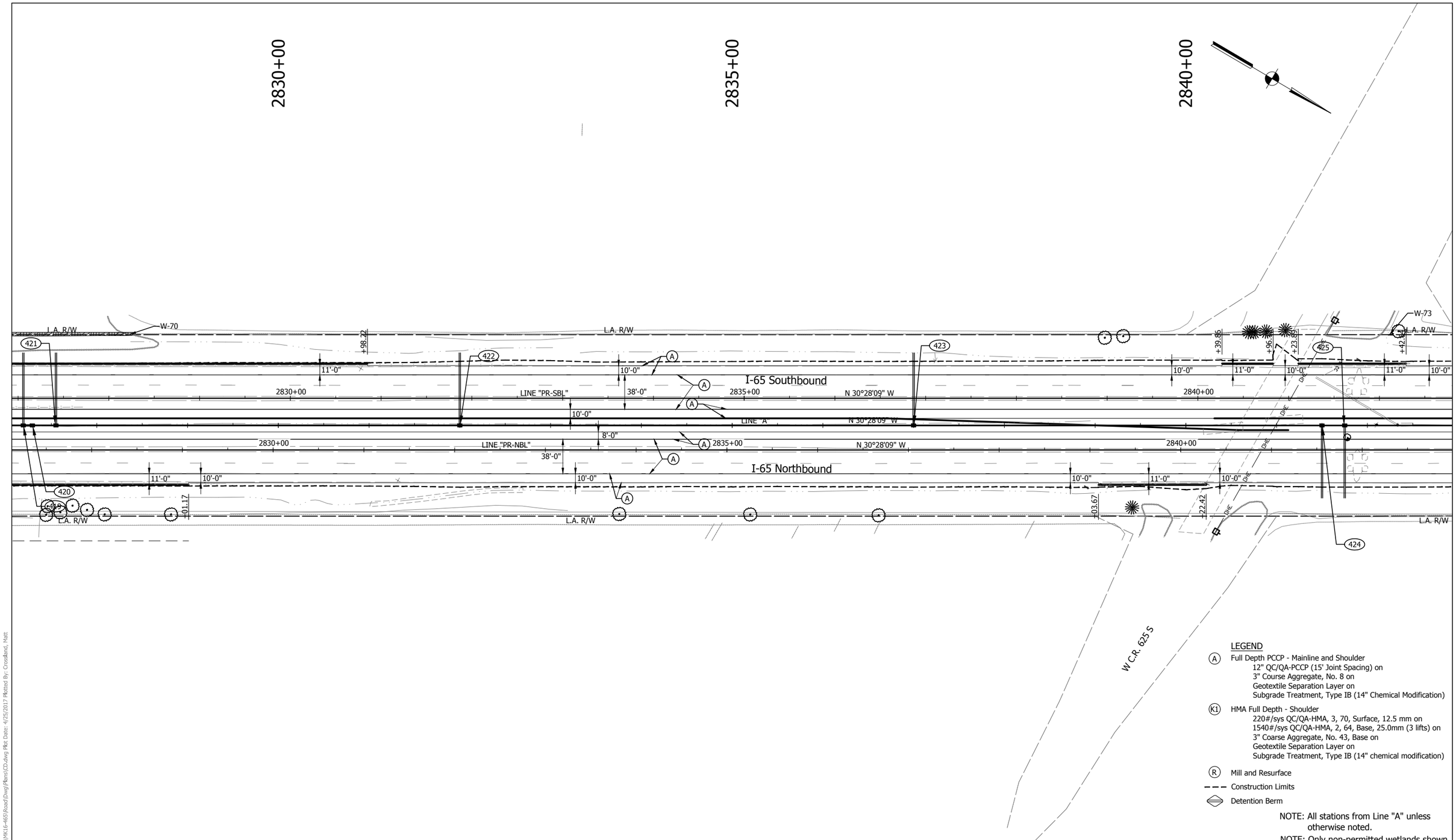
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	147 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\WK16-465\Road\Dwg\Plans\Profile - Part 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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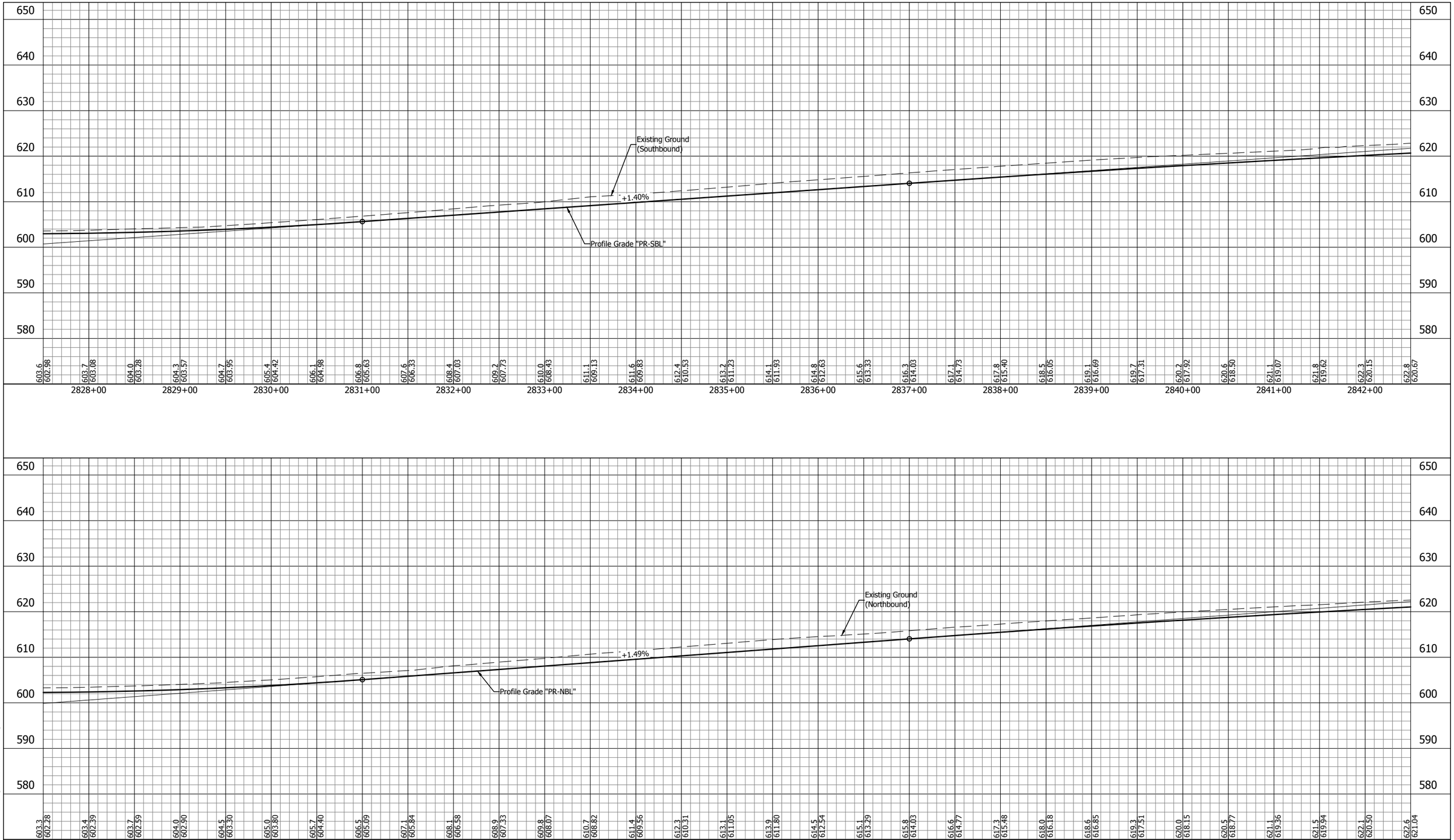
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	148 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C30\WK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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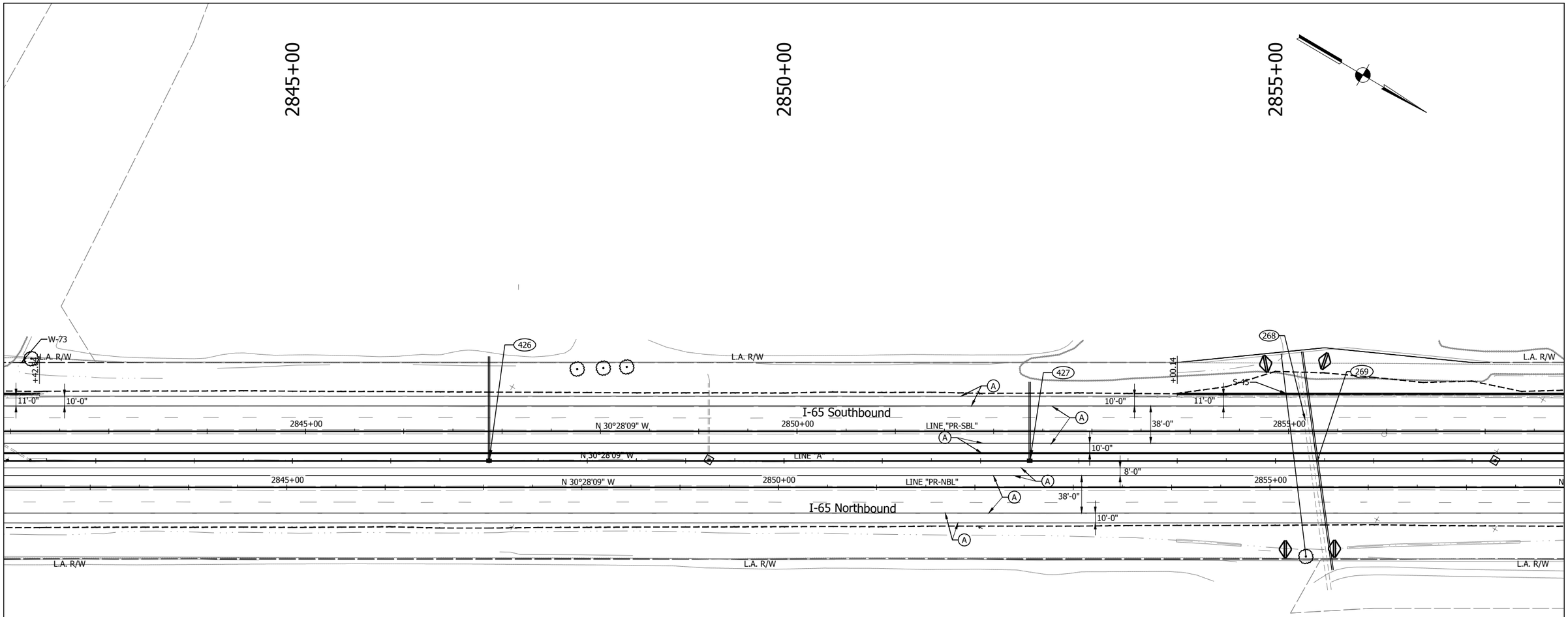
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	149 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
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(R) Mill and Resurface

Construction Limits

Detention Berm

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NOTE: Only non-permitted wetlands shown.

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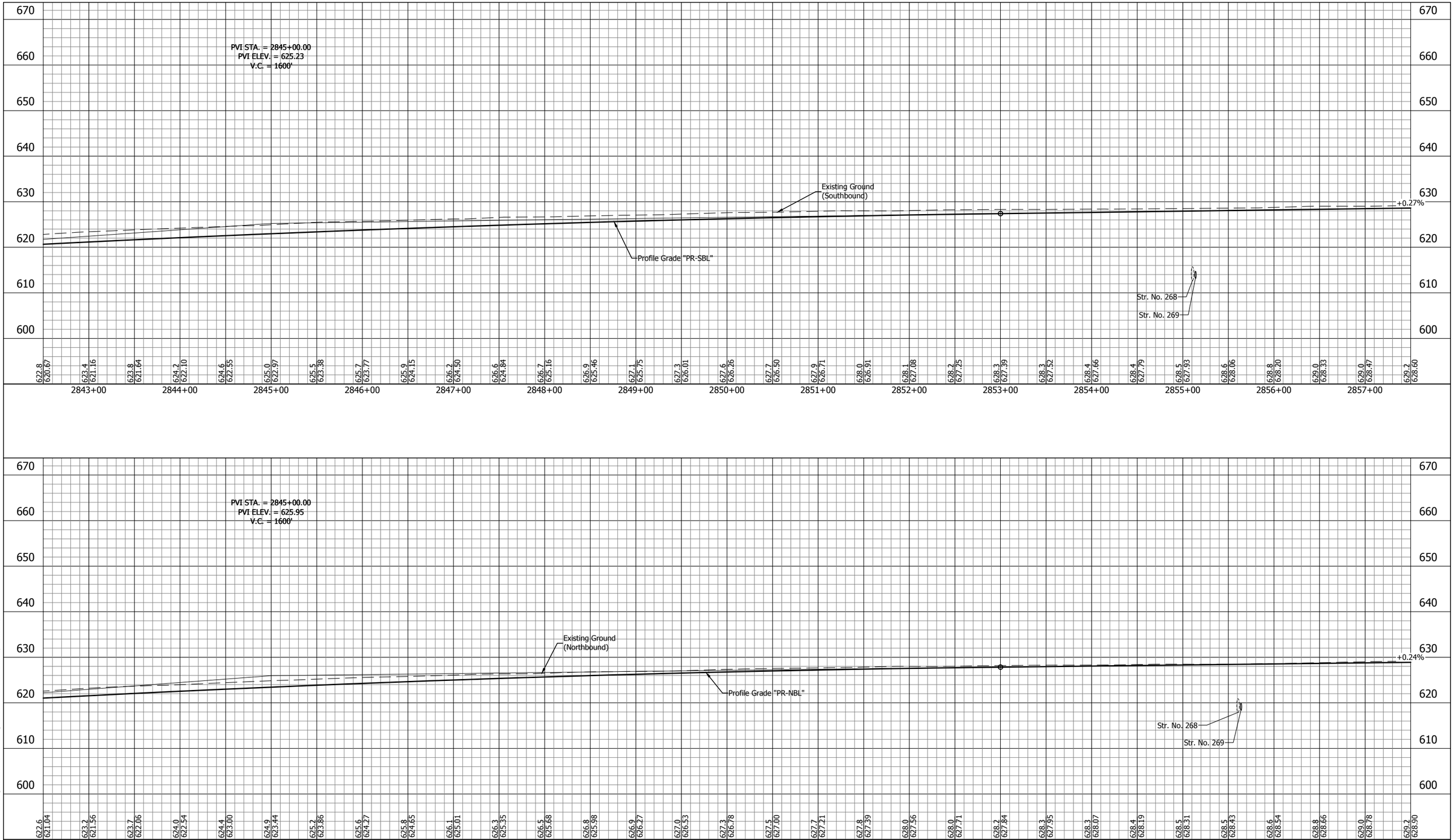
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	150 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C350\WK16-65\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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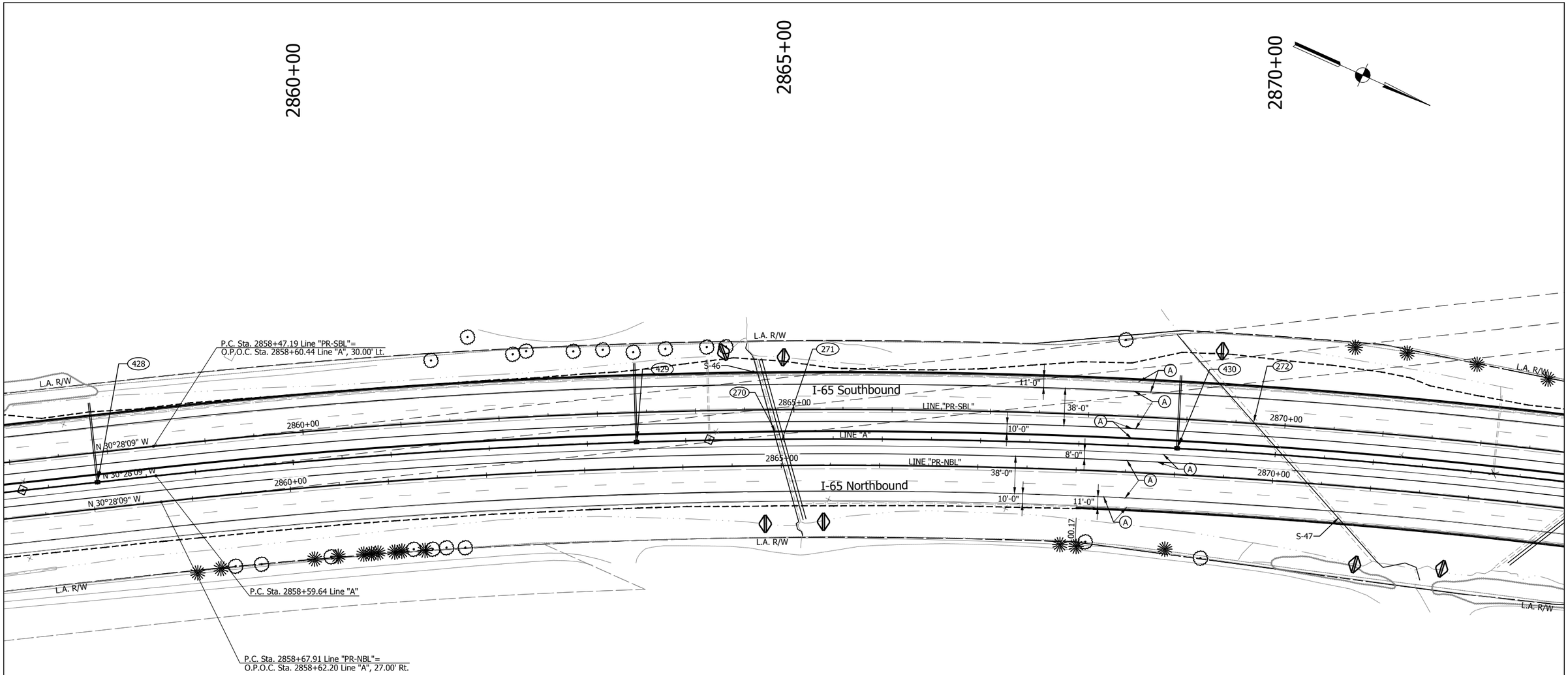
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	151 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1\Proj\C3D\Wk\16-465\Road\Dwg\Plans\Profile - Part 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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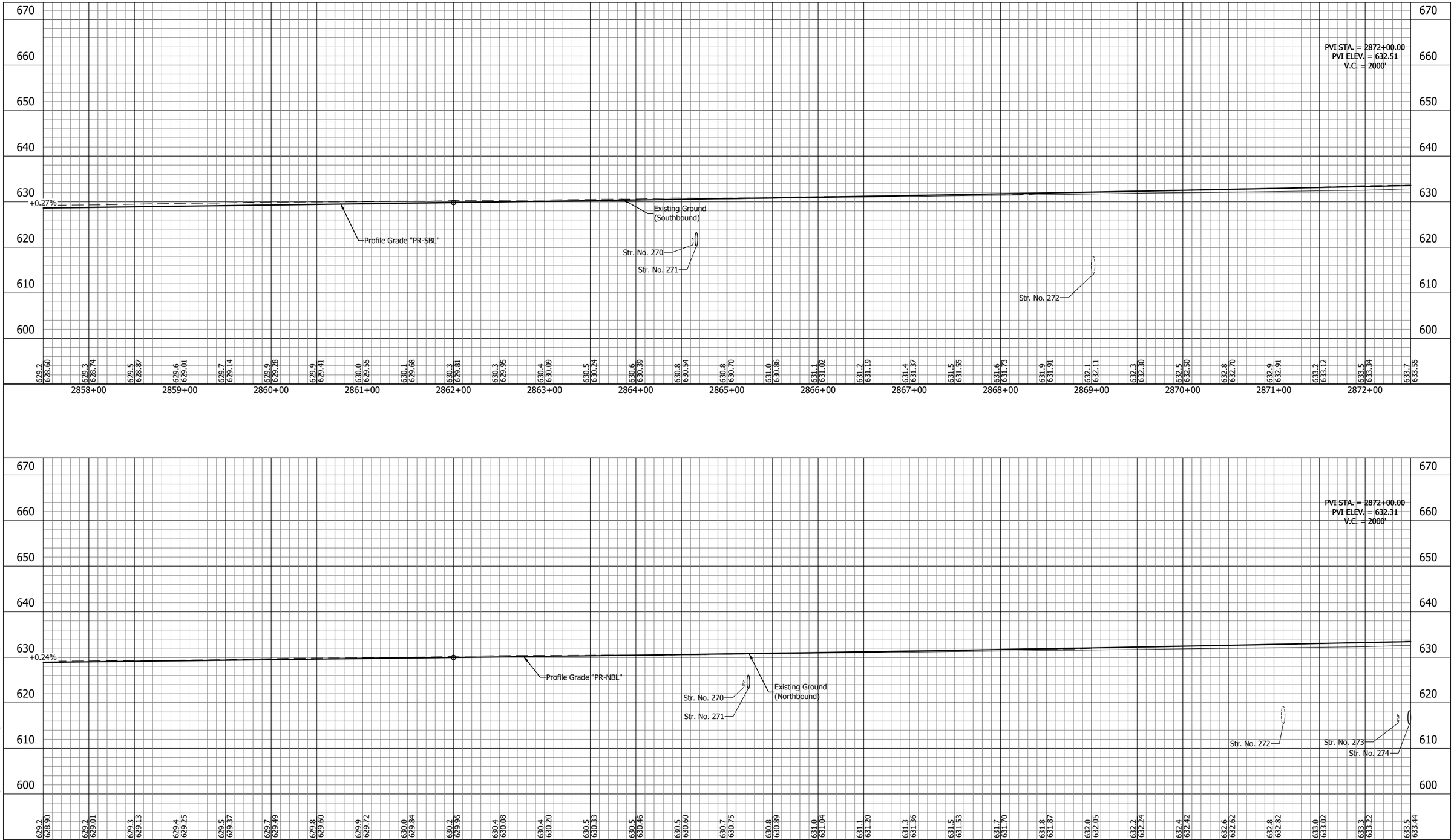
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	152 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\CSD\PK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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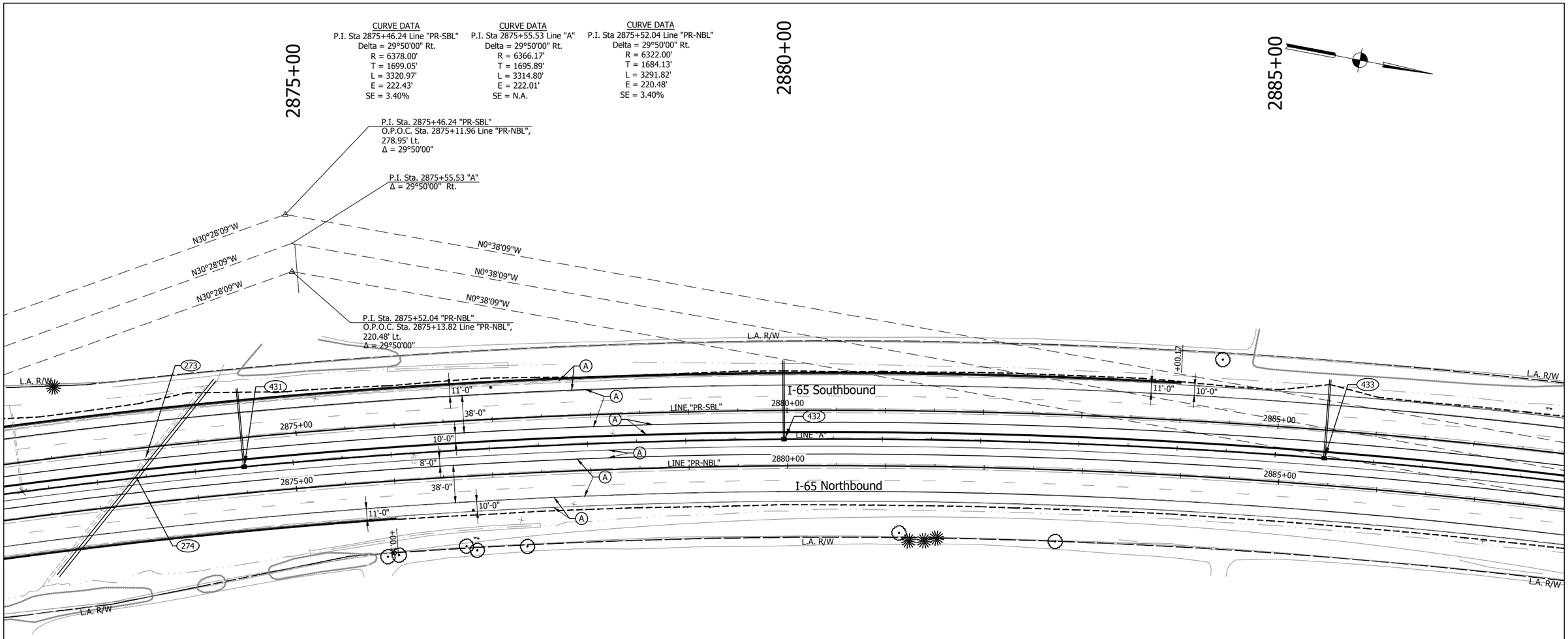
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	153 of 196
CONTRACT	PROJECT
R-28940	0501212

CURVE DATA
P.I. Sta 2875+46.24 Line "PR-SBL"
Delta = 29°50'00" Rt.
R = 6378.00'
T = 1699.05'
L = 3320.97'
E = 222.43'
SE = 3.40%

CURVE DATA
P.I. Sta 2875+55.53 Line "A"
Delta = 29°50'00" Rt.
R = 6366.17'
T = 1695.89'
L = 3314.80'
E = 222.01'
SE = N.A.

CURVE DATA
P.I. Sta 2875+52.04 Line "PR-NBL"
Delta = 29°50'00" Rt.
R = 6322.00'
T = 1684.13'
L = 3291.82'
E = 220.48'
SE = 3.40%



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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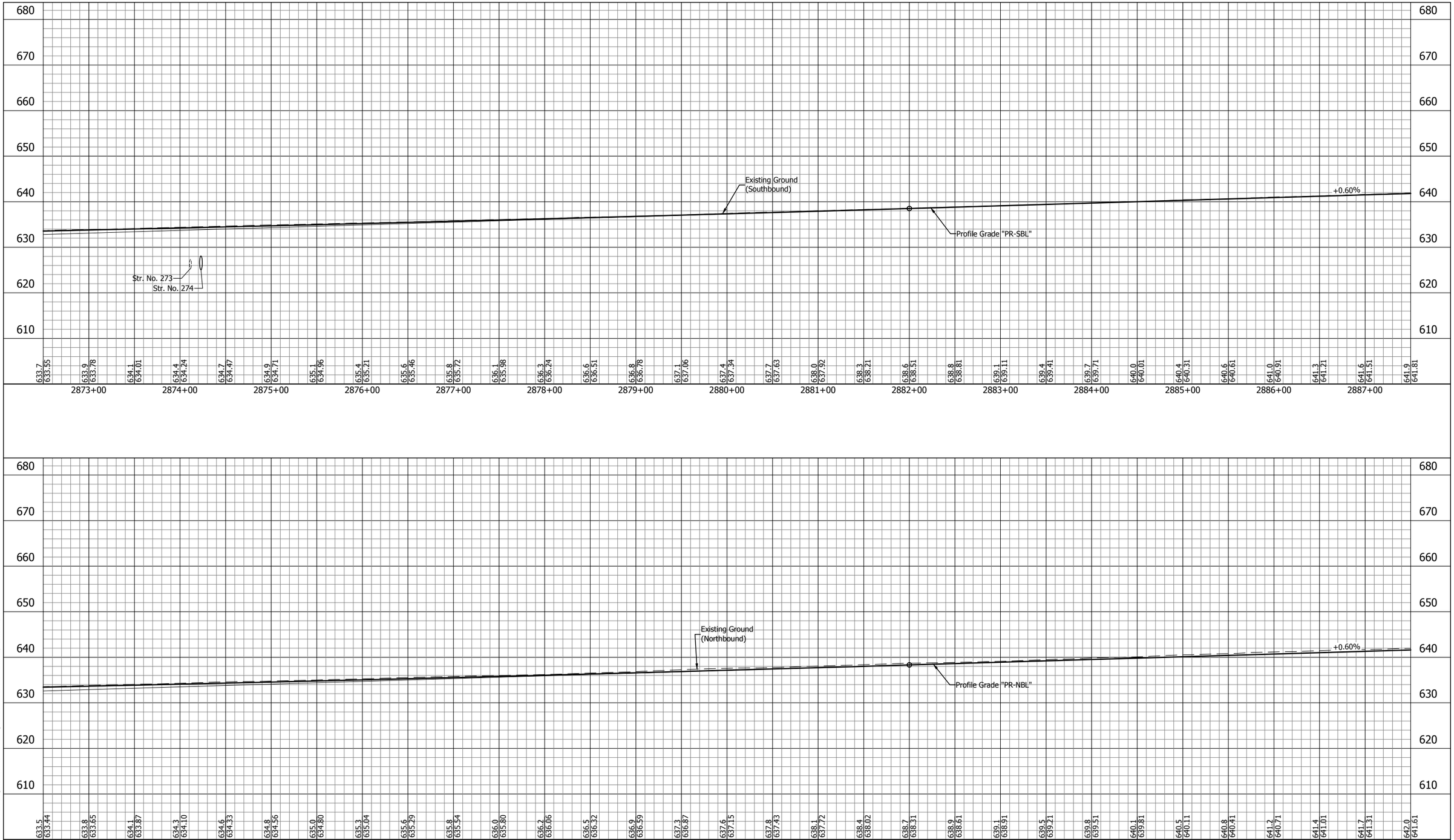
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	154 of 196
CONTRACT	PROJECT
R-28940	0501212



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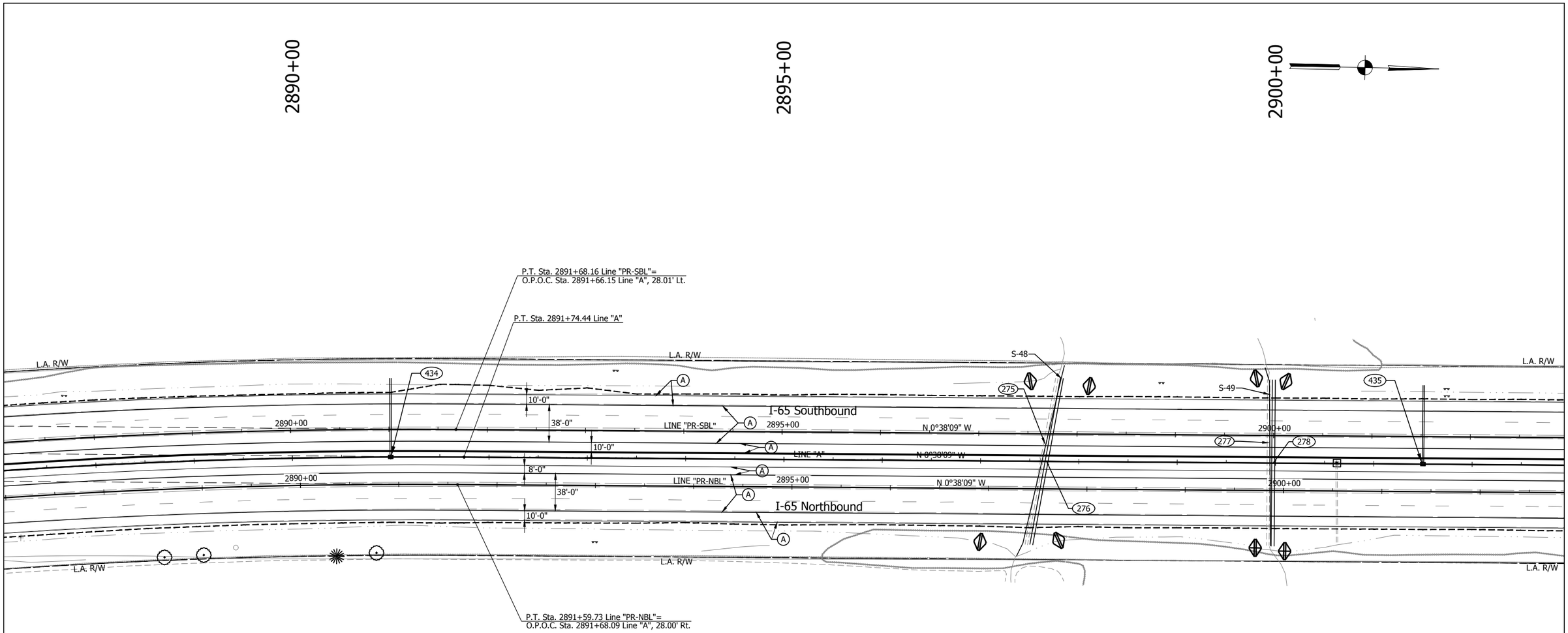
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	155 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

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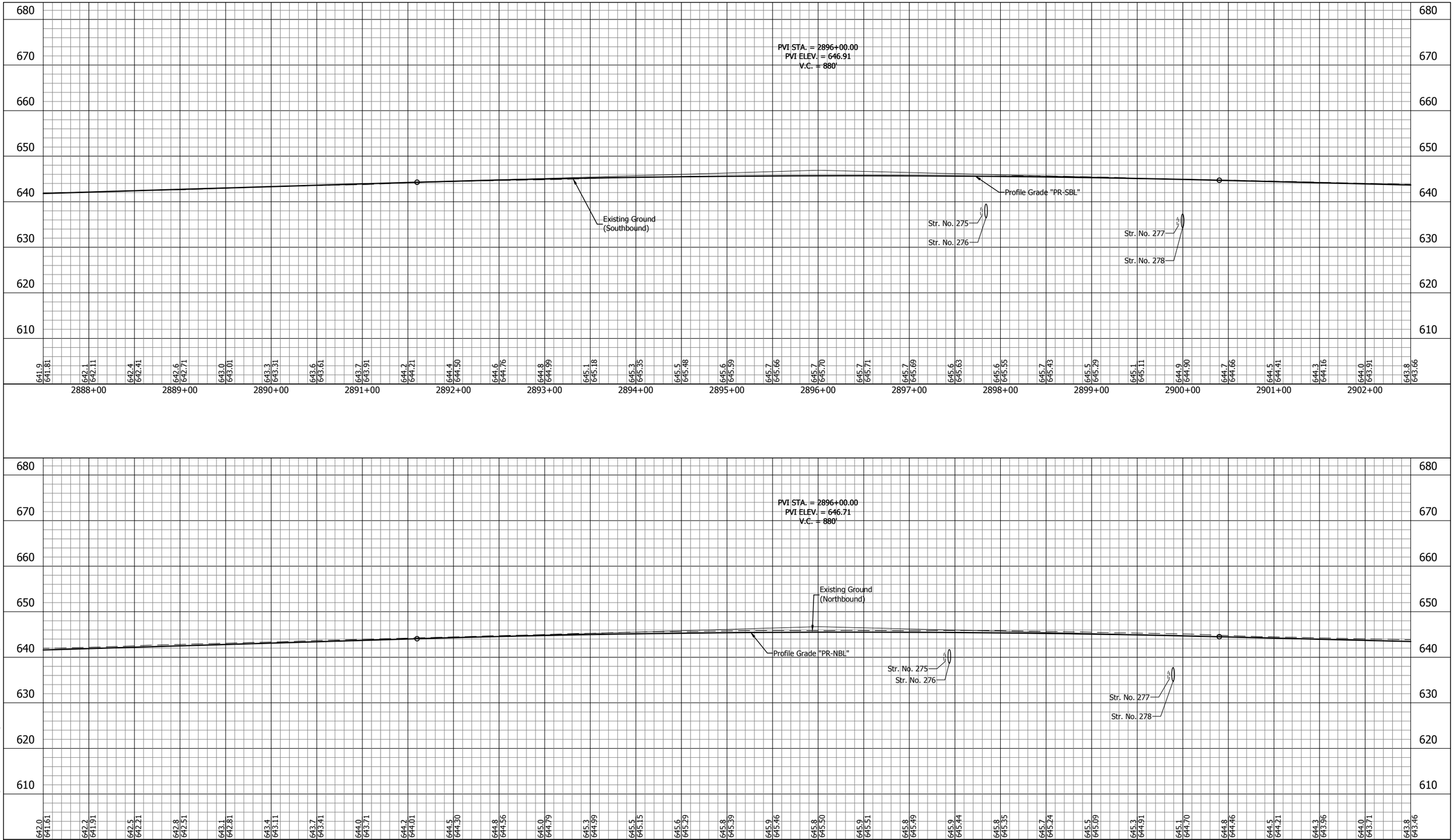
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	156 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\WK15-455\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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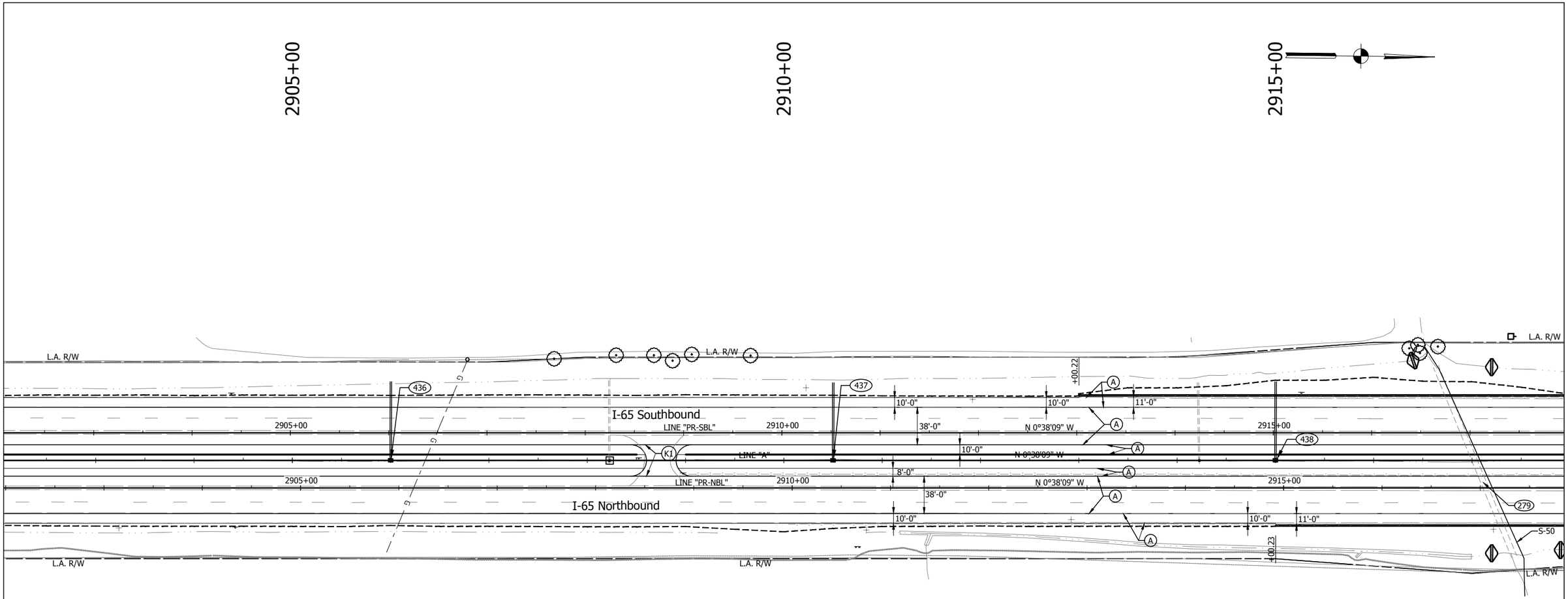
INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	157 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

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220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
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(R) Mill and Resurface

Construction Limits

Detention Berm

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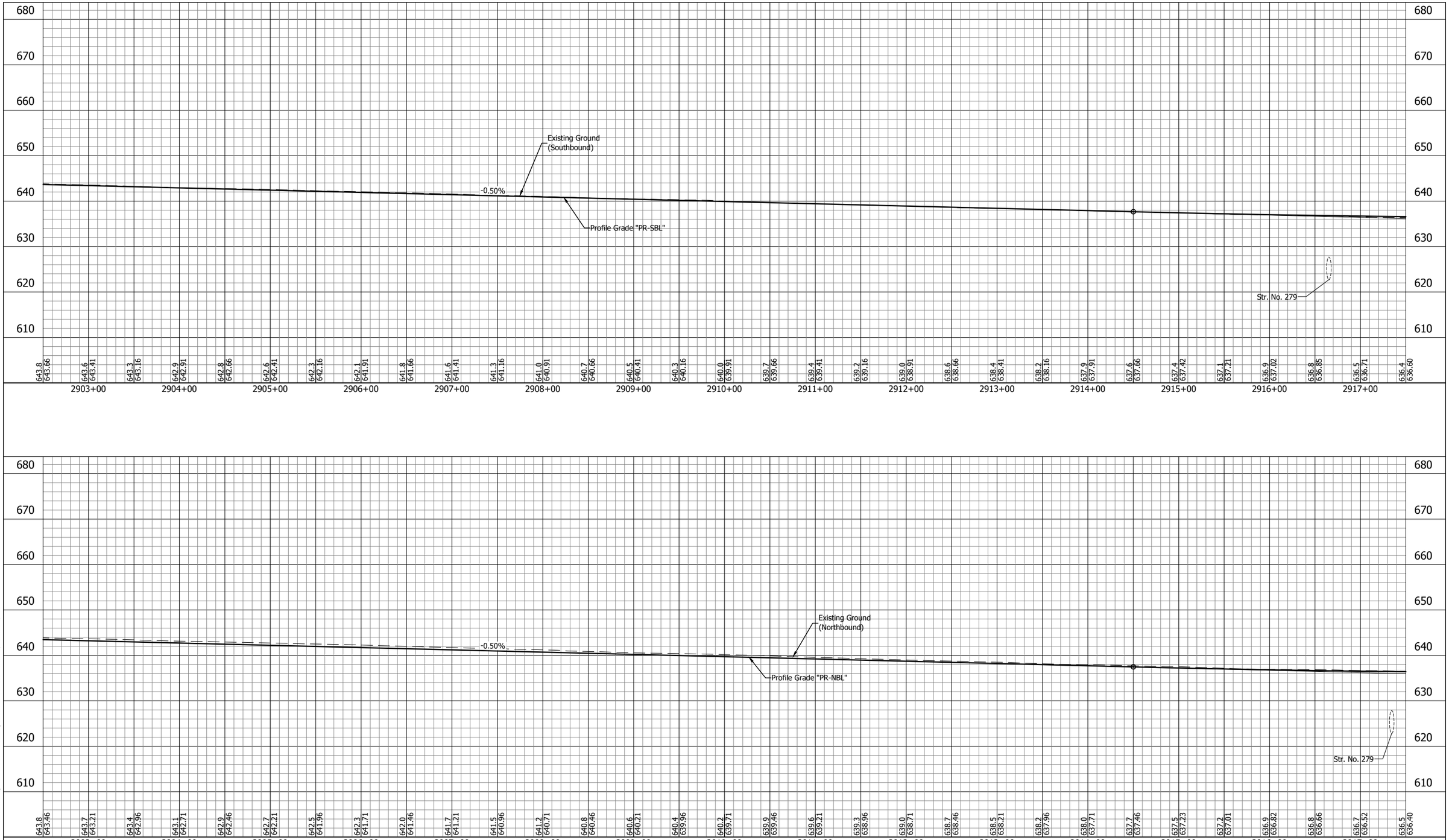
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	158 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\CD\VMK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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INDIANA
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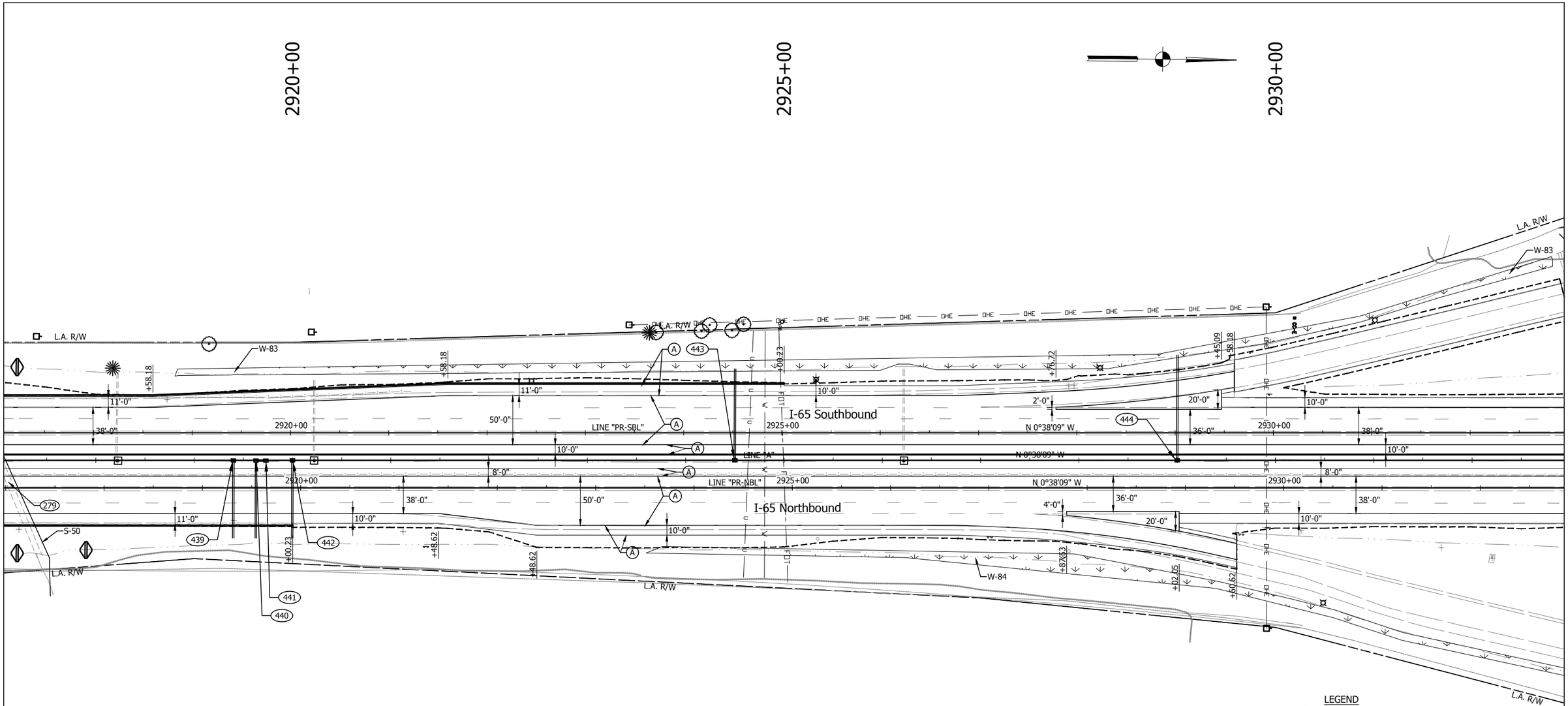
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	159 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
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Geotextile Separation Layer on
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(R) Mill and Resurface

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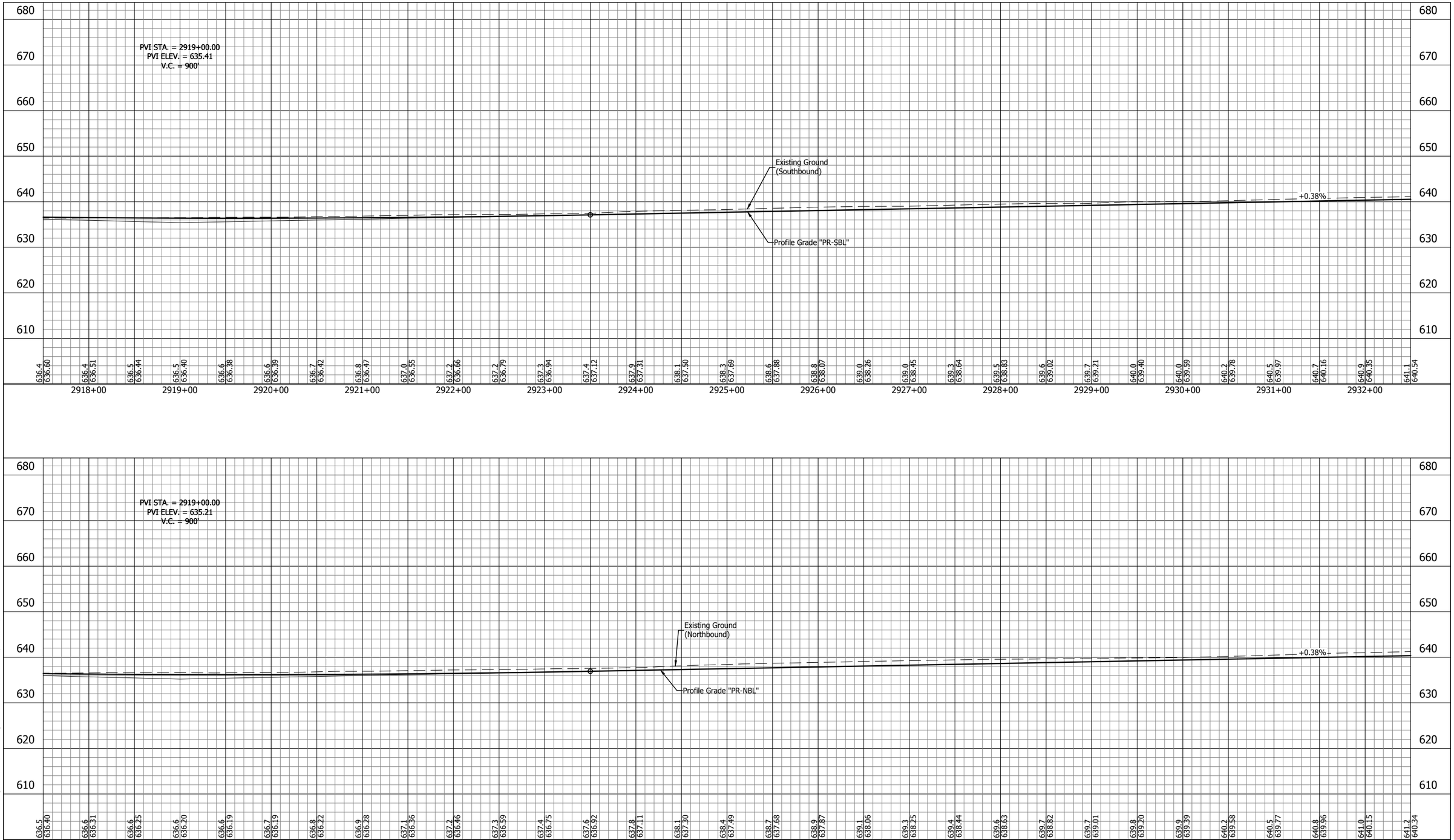
PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	160 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



File Name: \\UCSD4FS\Road1\Proj\C3D\Wk\16-465\Road\Dwg\Plans\Profile - Part 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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DESIGNED: SRP
DRAWN: MAC
CHECKED: BJP
CHECKED: BJP

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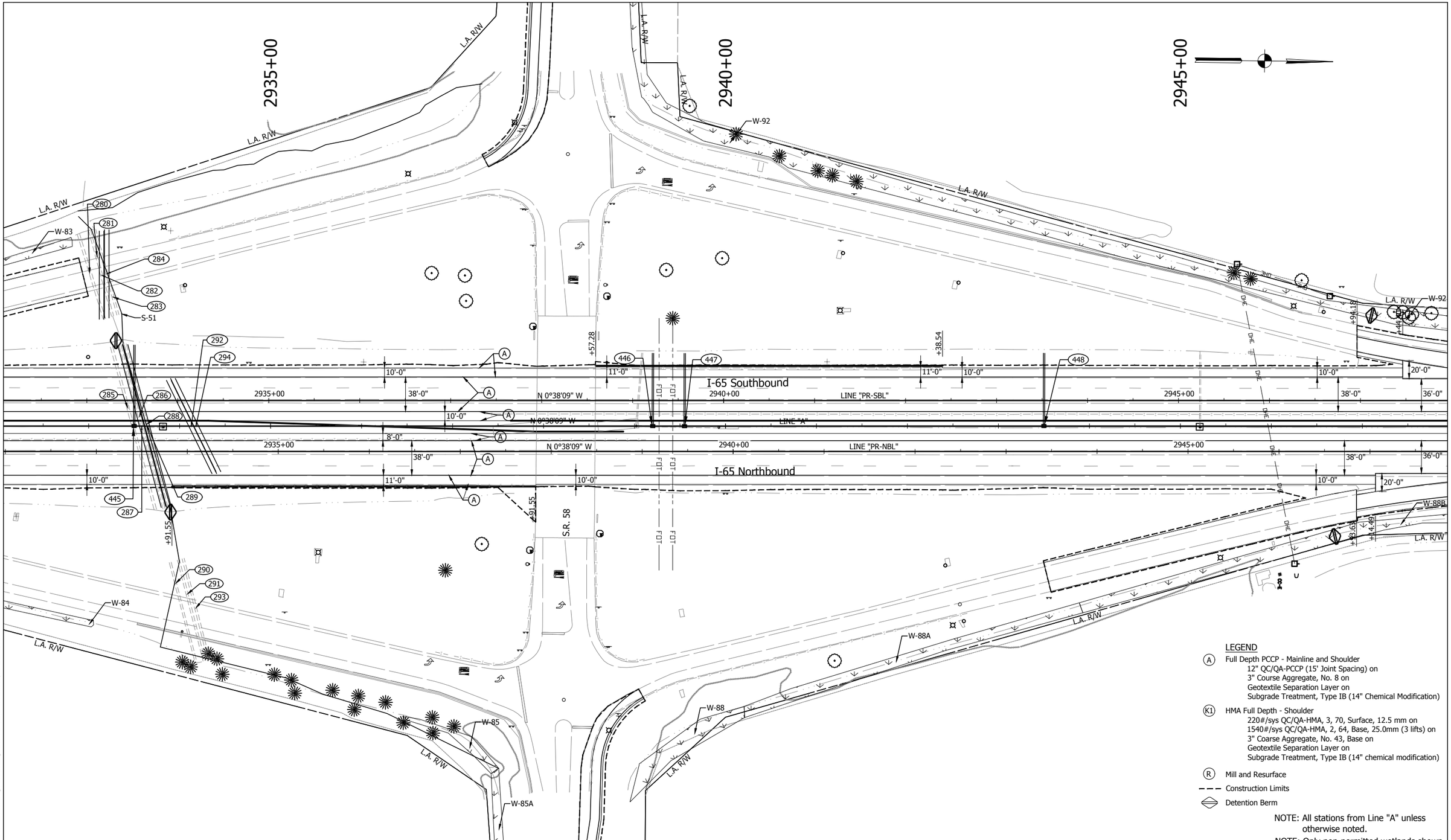
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	161 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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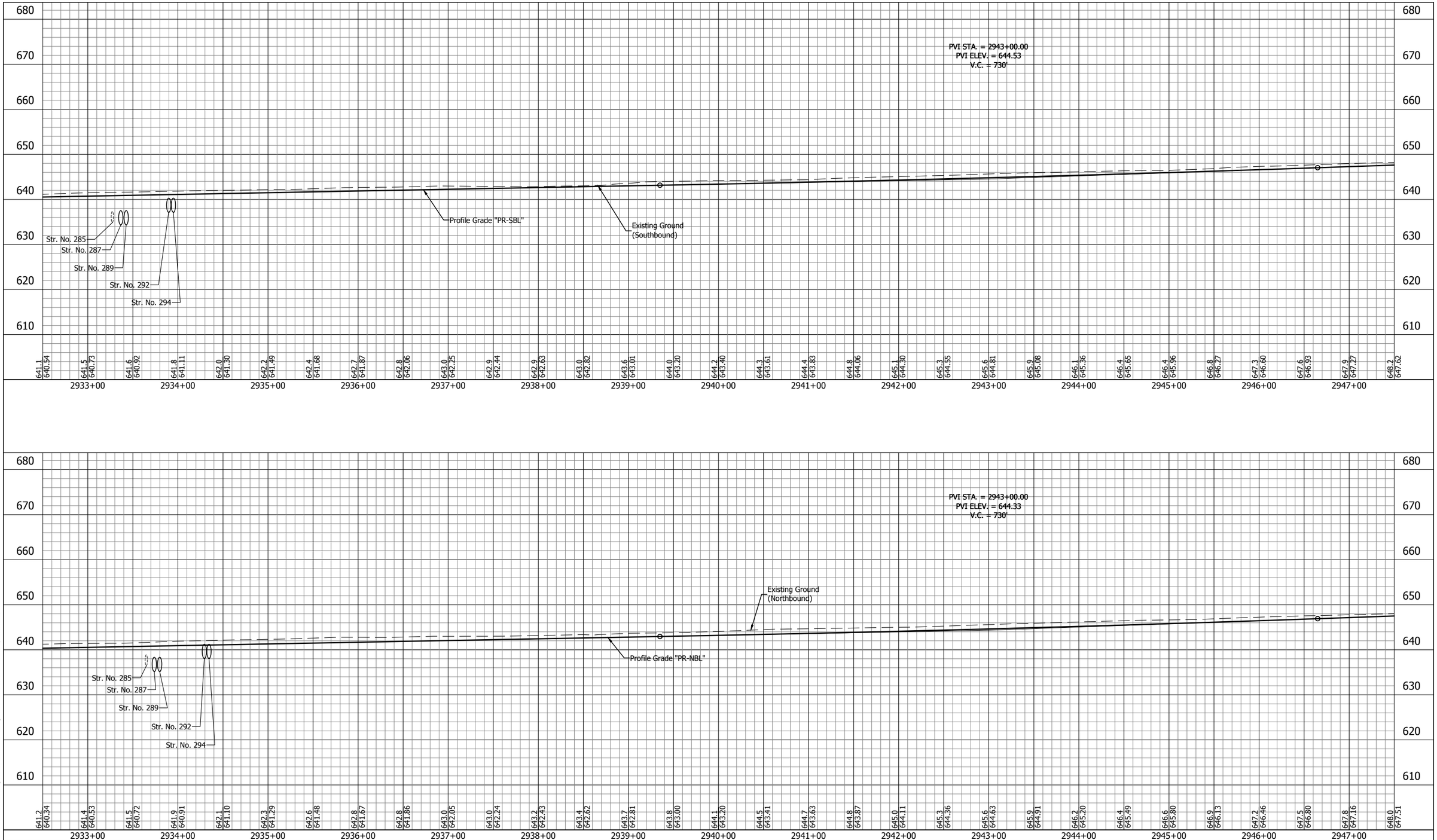
DESIGNED: SRP DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	162 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1\Proj\CSD\PK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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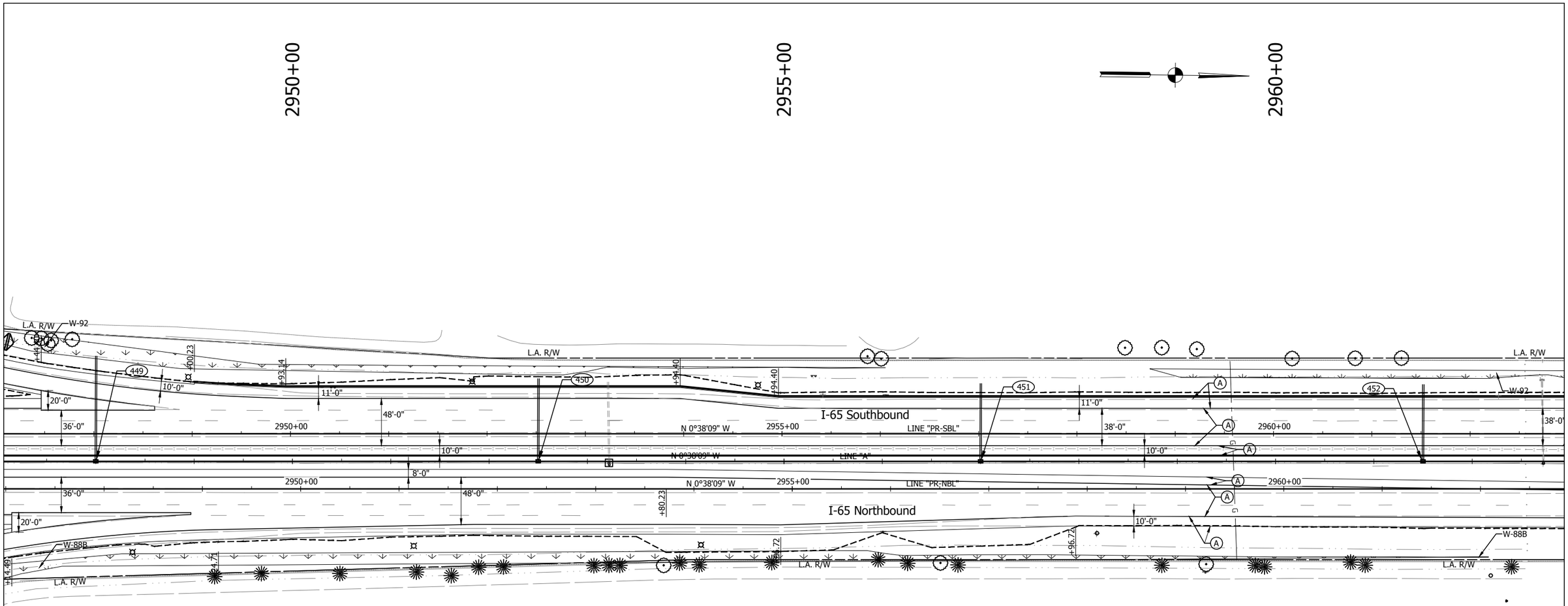
PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	163 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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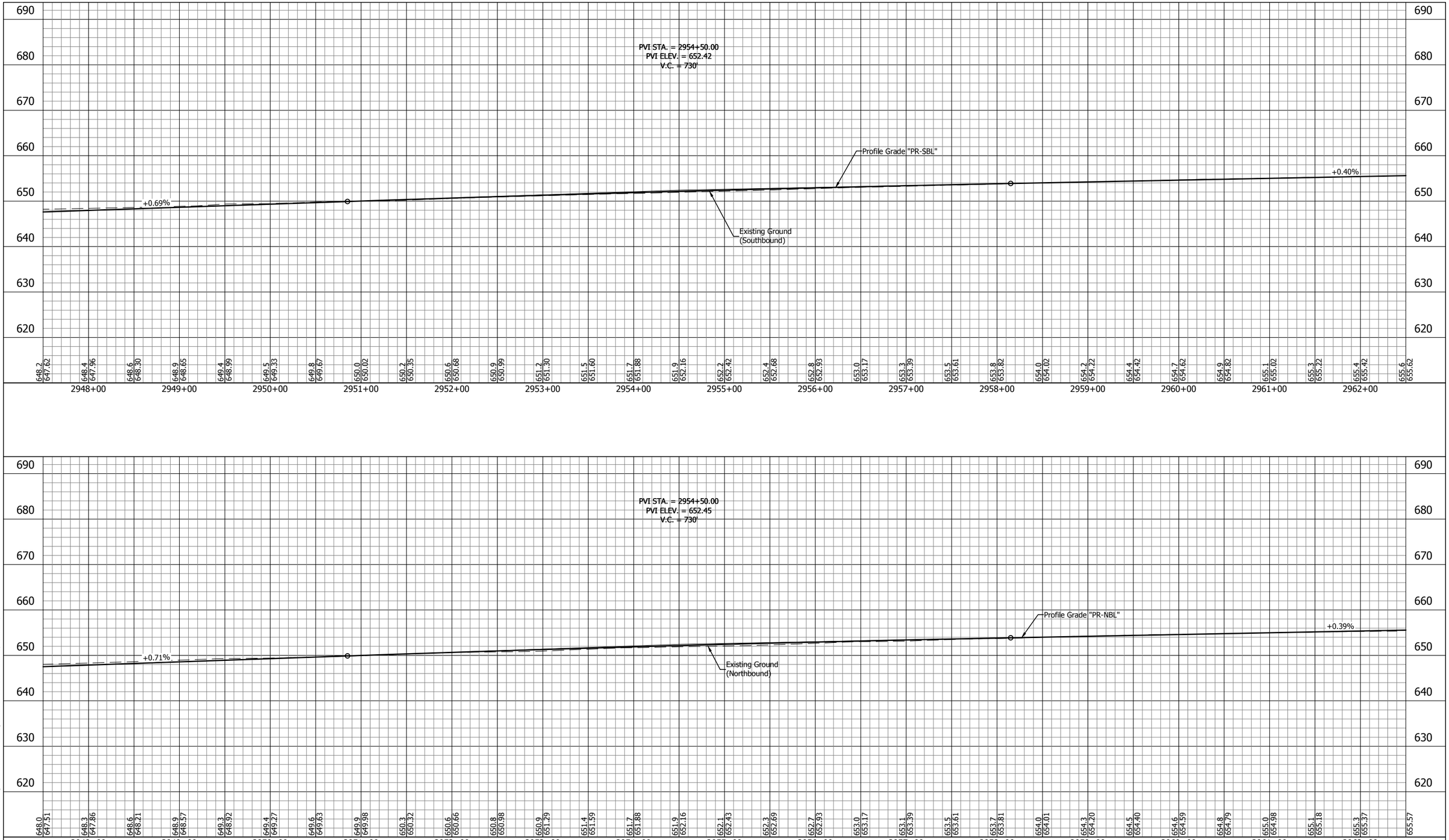
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	164 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road1Proj\C35\MK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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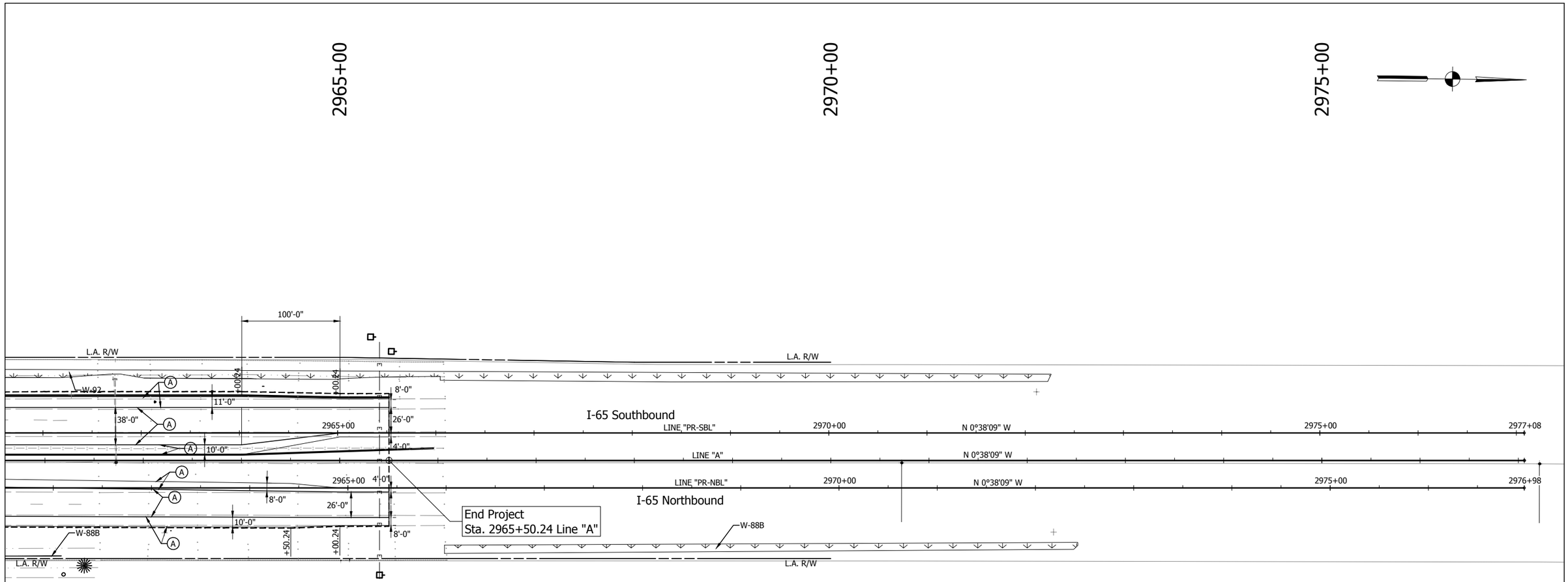
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	165 of 196
CONTRACT	PROJECT
R-28940	0501212



LEGEND

(A) Full Depth PCCP - Mainline and Shoulder
12" QC/QA-PCCP (15' Joint Spacing) on
3" Course Aggregate, No. 8 on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" Chemical Modification)

(K1) HMA Full Depth - Shoulder
220#/sys QC/QA-HMA, 3, 70, Surface, 12.5 mm on
1540#/sys QC/QA-HMA, 2, 64, Base, 25.0mm (3 lifts) on
3" Coarse Aggregate, No. 43, Base on
Geotextile Separation Layer on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface

Construction Limits

Detention Berm

NOTE: All stations from Line "A" unless otherwise noted.

NOTE: Only non-permitted wetlands shown.

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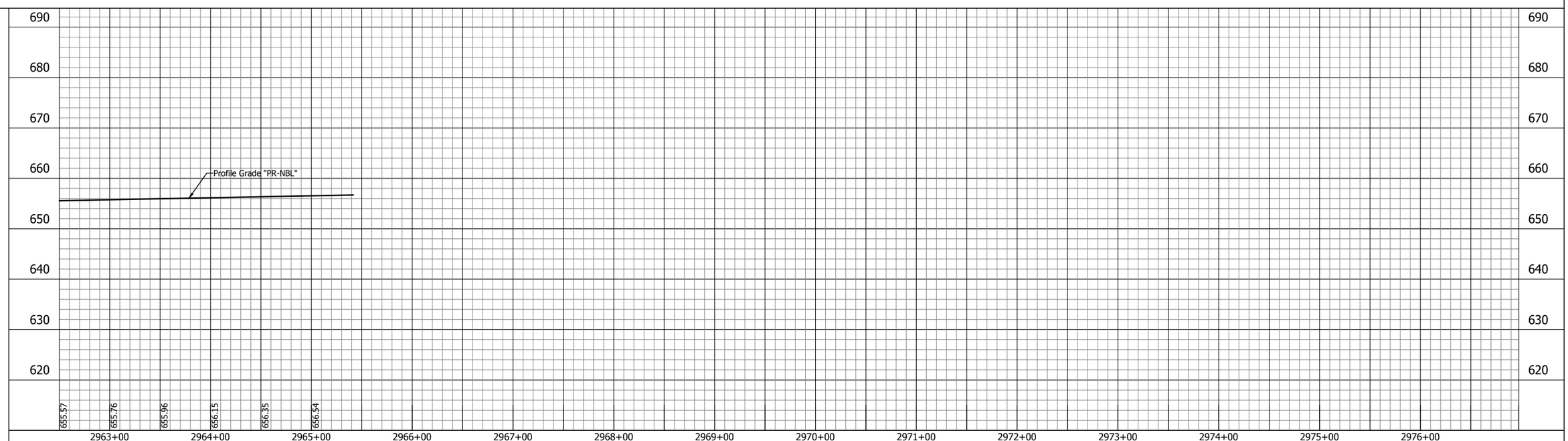
DEPARTMENT OF TRANSPORTATION

PLAN
LINES "A", "PR-NBL" & "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	166 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSD4FS\Road\Proj\C30\MK16-465\Road\Dwg\Plans\CD.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



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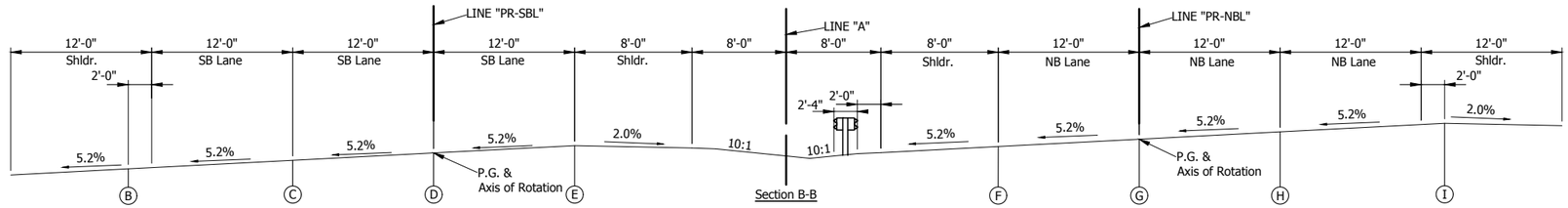
DRAWN: MAC
CHECKED: BJP
CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE
LINE "PR-NBL" & LINE "PR-SBL"

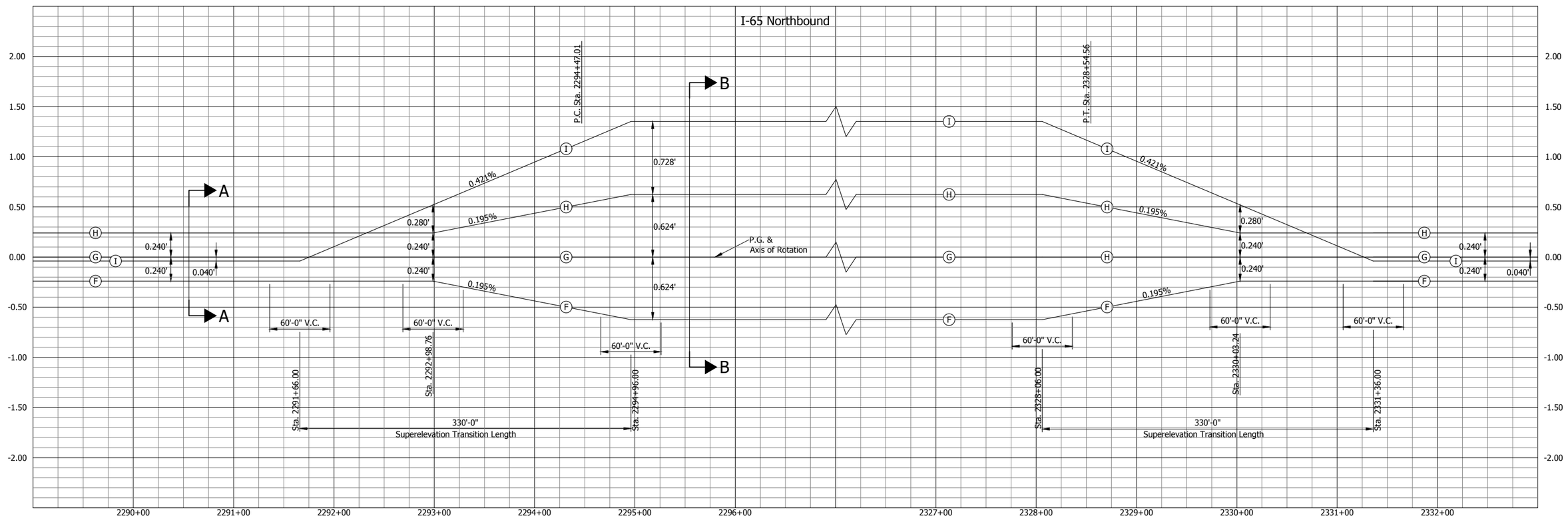
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
1" = 10'	0501212
SURVEY BOOK	SHEETS
-	167 of 196
CONTRACT	PROJECT
R-28940	0501212

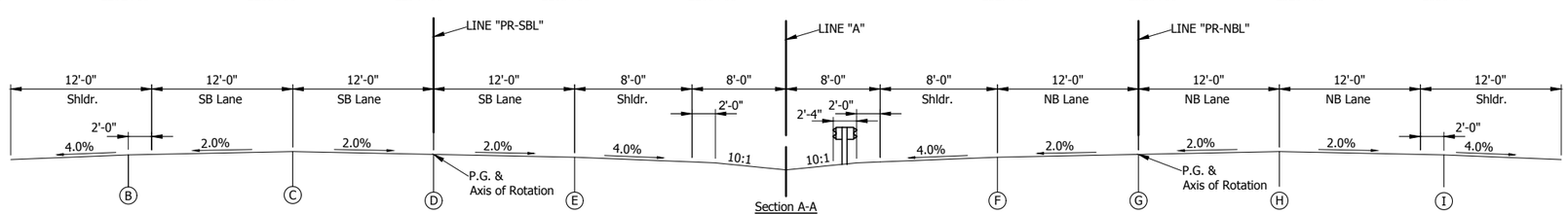
File Name: \\UCSD4FS\Road1\Proj\C3D\Vk16-465\Road\Dwg\Plans\Profile- Part 2.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



Section B-B

I-65 LINE "A" - SUPERELEVATION SECTION
NOT TO SCALE
SE = 5.20%





Section A-A

I-65 LINE "A" - TANGENT SECTION
NOT TO SCALE

CURVE DATA
P.I. Sta. 2312+72.29 Line "PR-NBL"
R=3,838.00'
SE=5.20%
Design Speed=70 M.P.H.

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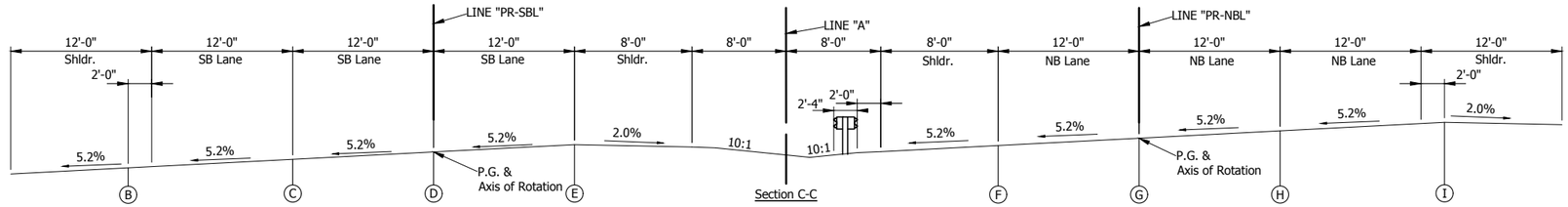
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 SUPERELEVATION
LINE "PR-NBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	168 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

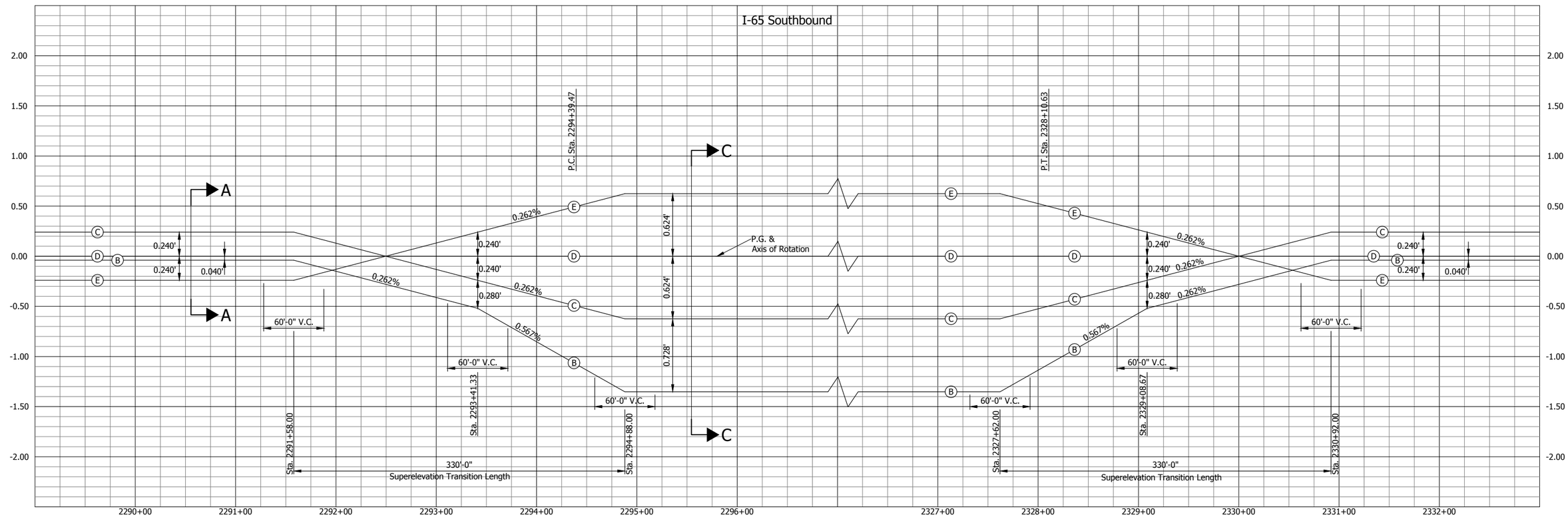


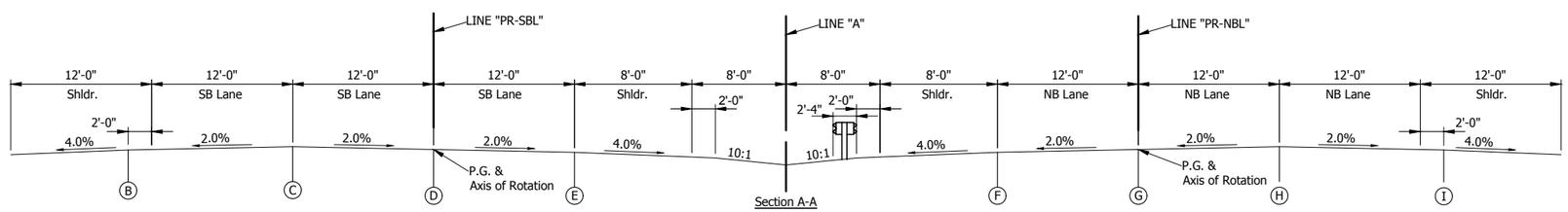
Section C-C

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = 5.20%





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA

P.I. Sta. 2312+45.26 Line "PR-SBL"
R=3,797.00'
SE=5.20%
Design Speed=70 M.P.H.

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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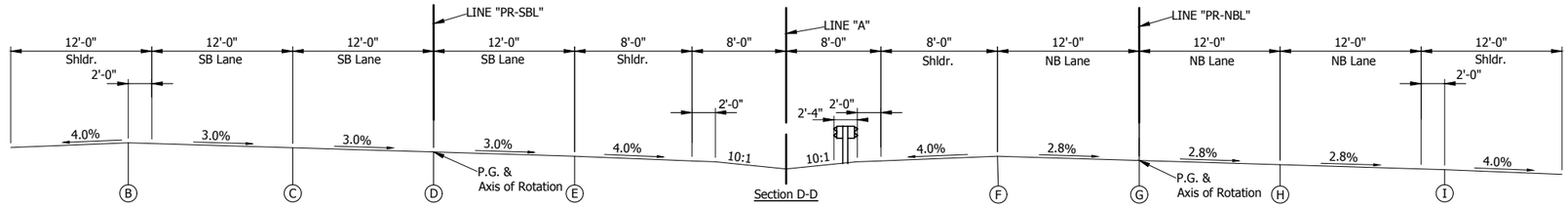
DESIGNED: BWS DRAWN: MAC

CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 SUPERELEVATION
LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	169 of 196
CONTRACT	PROJECT
R-28940	0501212

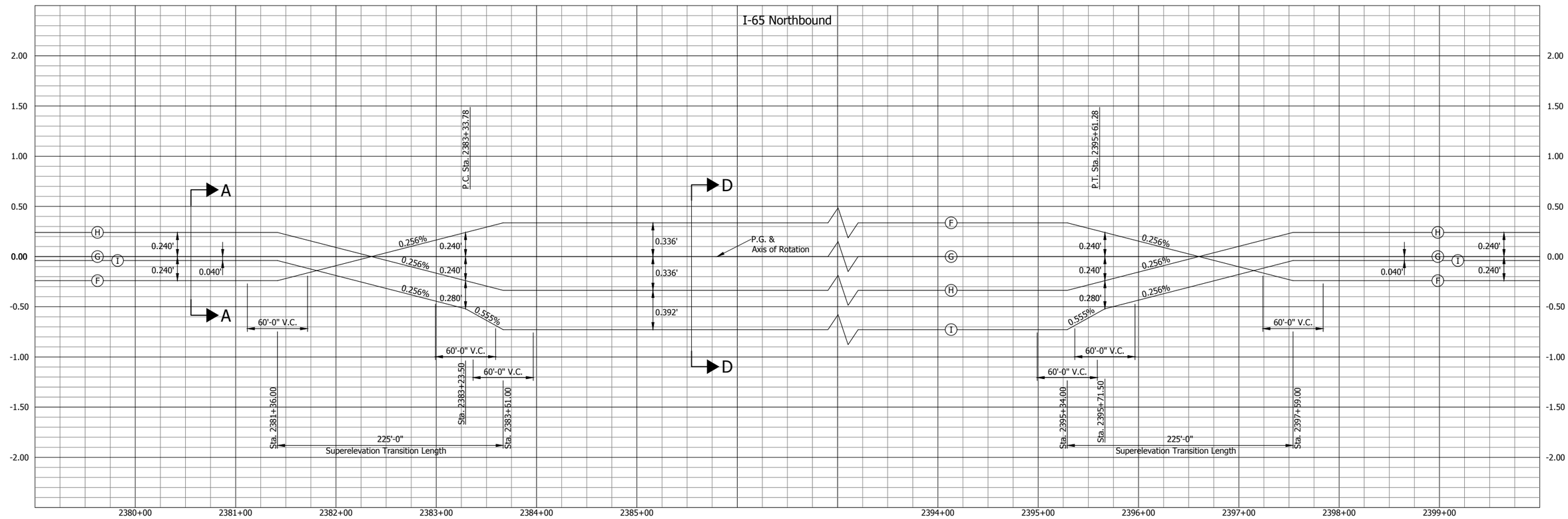


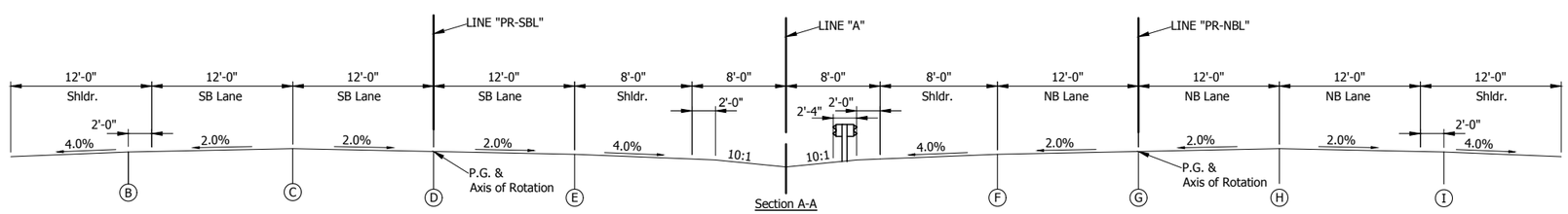
Section D-D

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = 2.80%





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2389+48.80 Line "PR-NBL"
R=7,802.00'
SE=2.80%
Design Speed=70 M.P.H.

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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DESIGNED: BWS DRAWN: MAC
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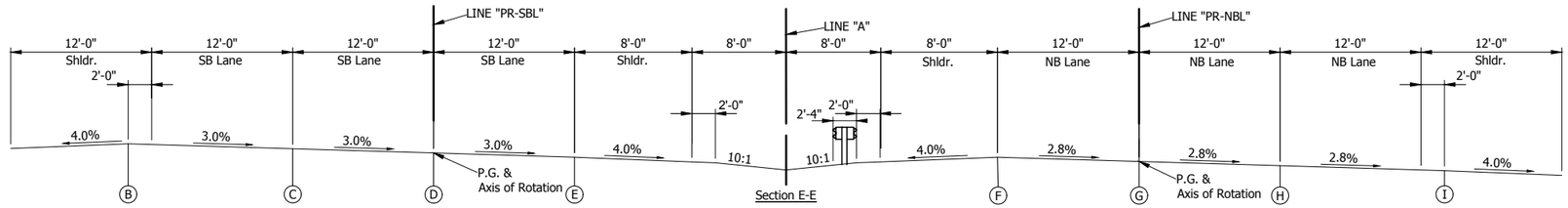
INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 SUPERELEVATION
LINE "PR-NBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	170 of 196
CONTRACT	PROJECT
R-28940	0501212

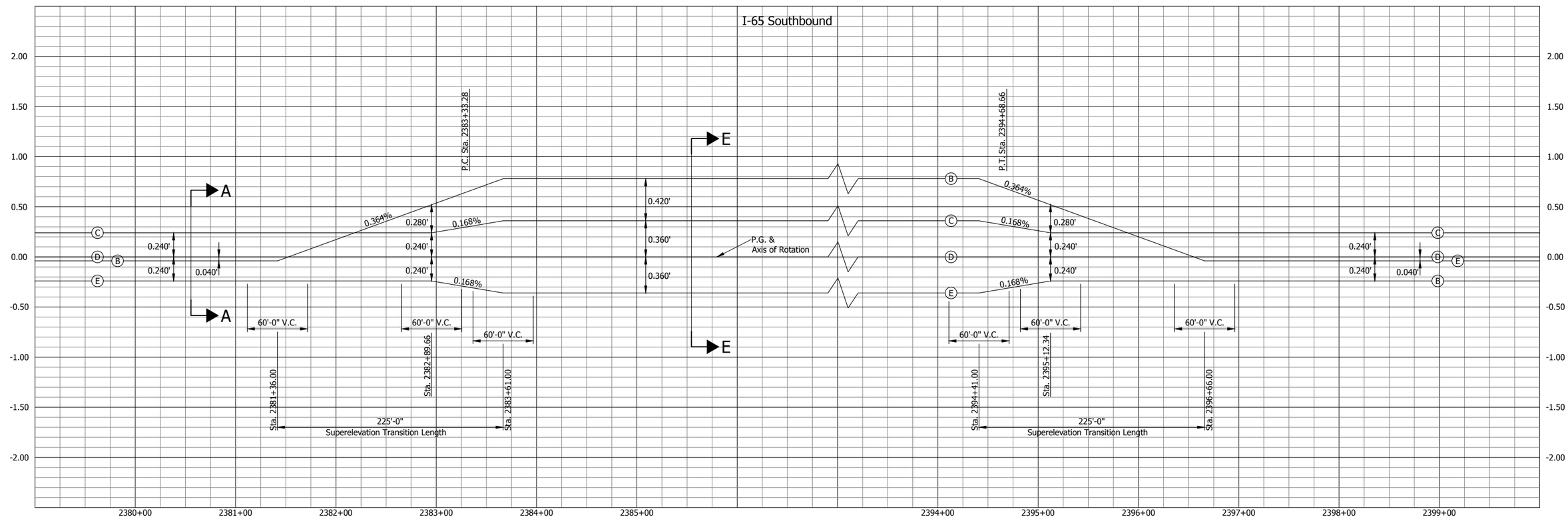


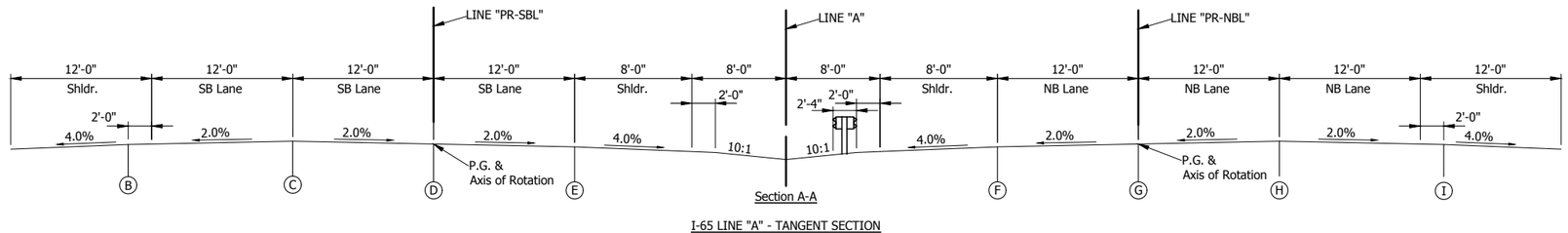
Section E-E

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = 3.00%





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2389+02.14 Line "PR-SBL"
R=7,216.50'
SE=3.00%
Design Speed=70 M.P.H.

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DESIGN ENGINEER DATE

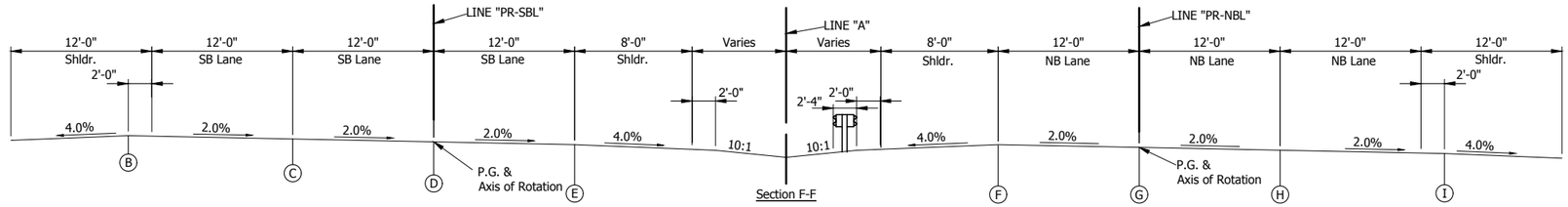
DESIGNED: BWS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 SUPERELEVATION
LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	171 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

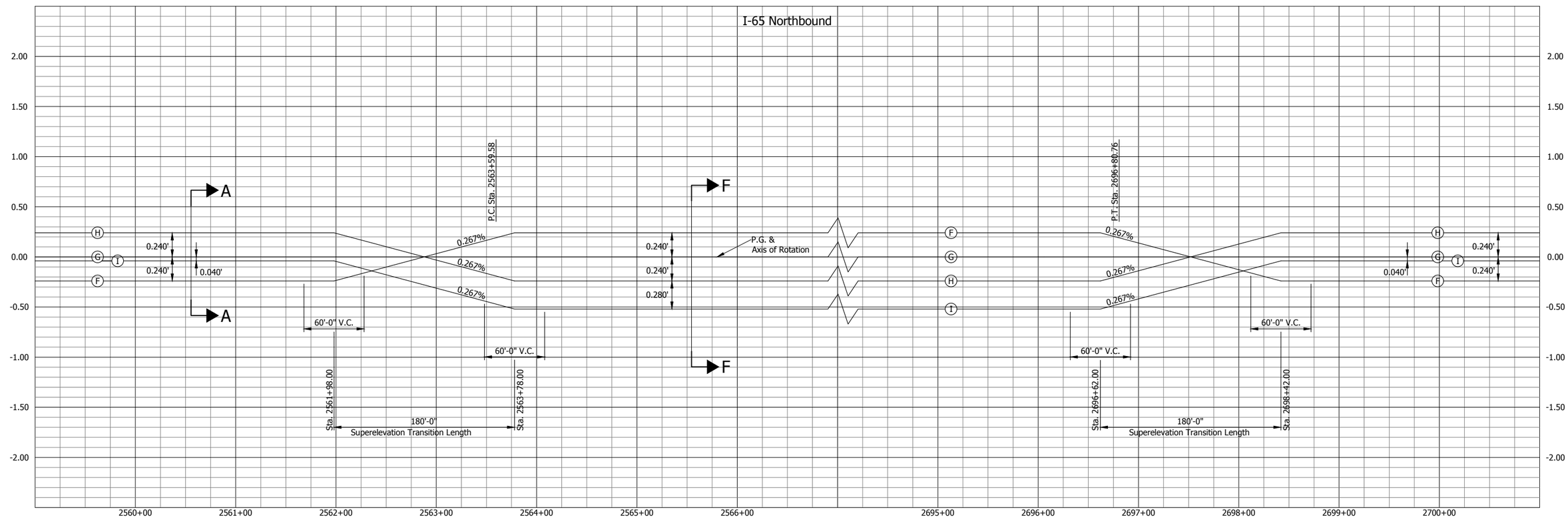


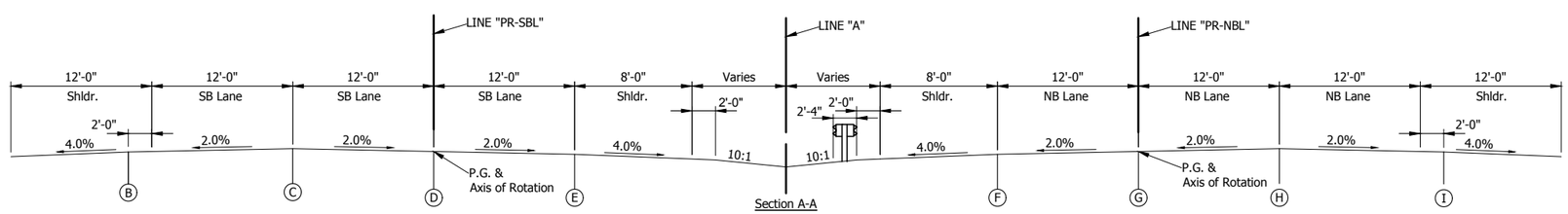
Section F-F

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = Remove Crown





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2580+33.63 Line "PR-NBL"
R=10,702.00'
SE=RC
Design Speed=70 M.P.H.

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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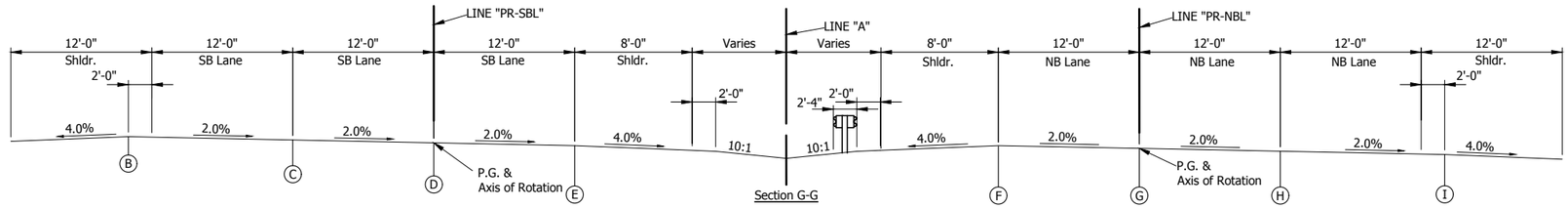
DESIGNED: BWS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 SUPERELEVATION
LINE "PR-NBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	172 of 196
CONTRACT	PROJECT
R-28940	0501212

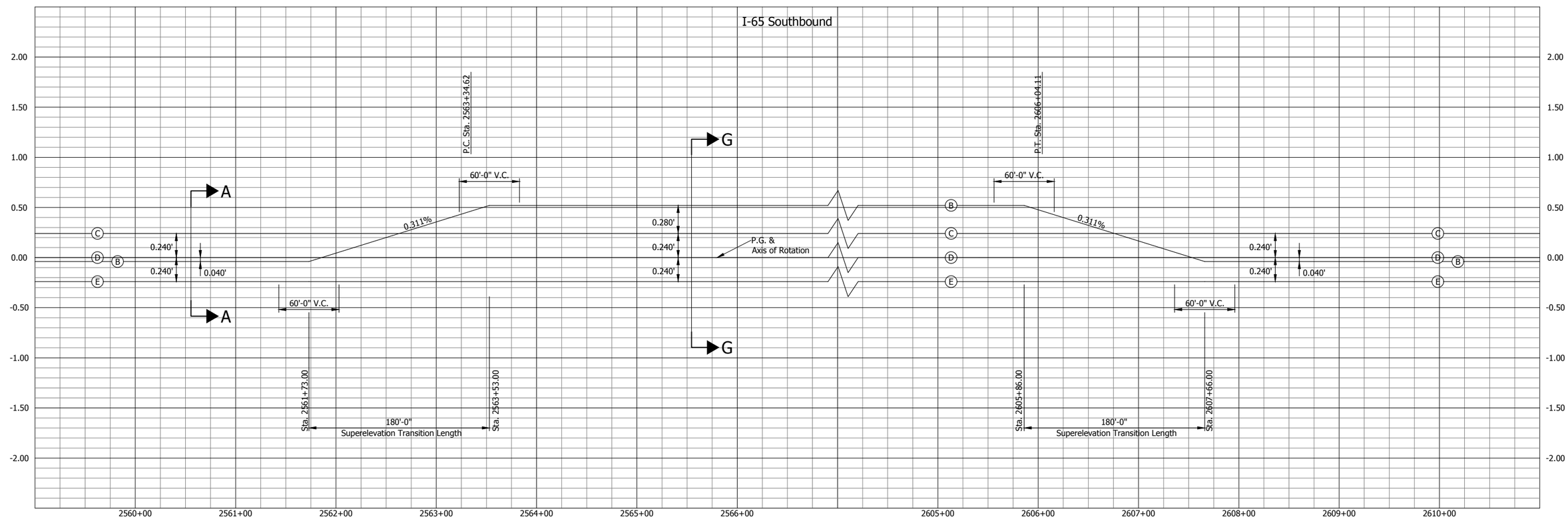


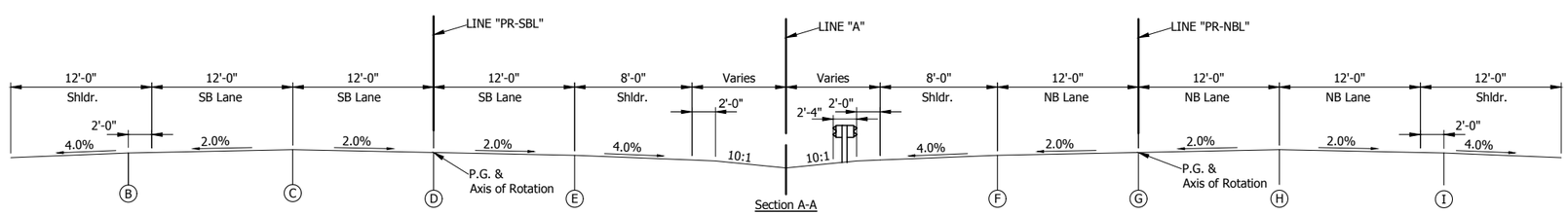
Section G-G

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = Remove Crown





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2584+89.66 Line "PR-SBL"
R=12,713.00'
SE=RC
Design Speed=70 M.P.H.

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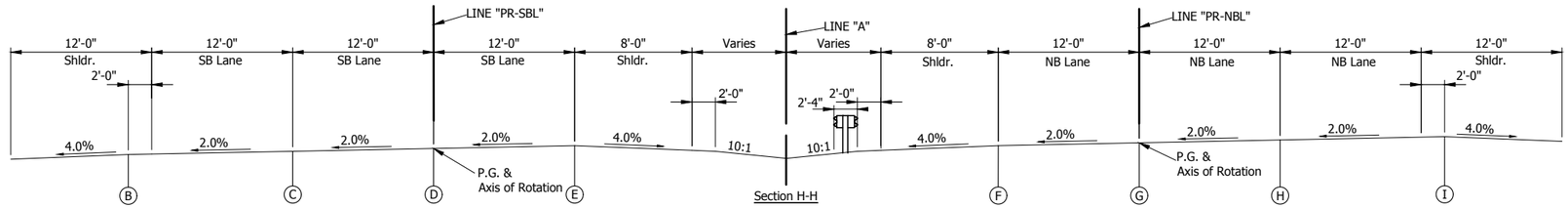
I-65 SUPERELEVATION
LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	173 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

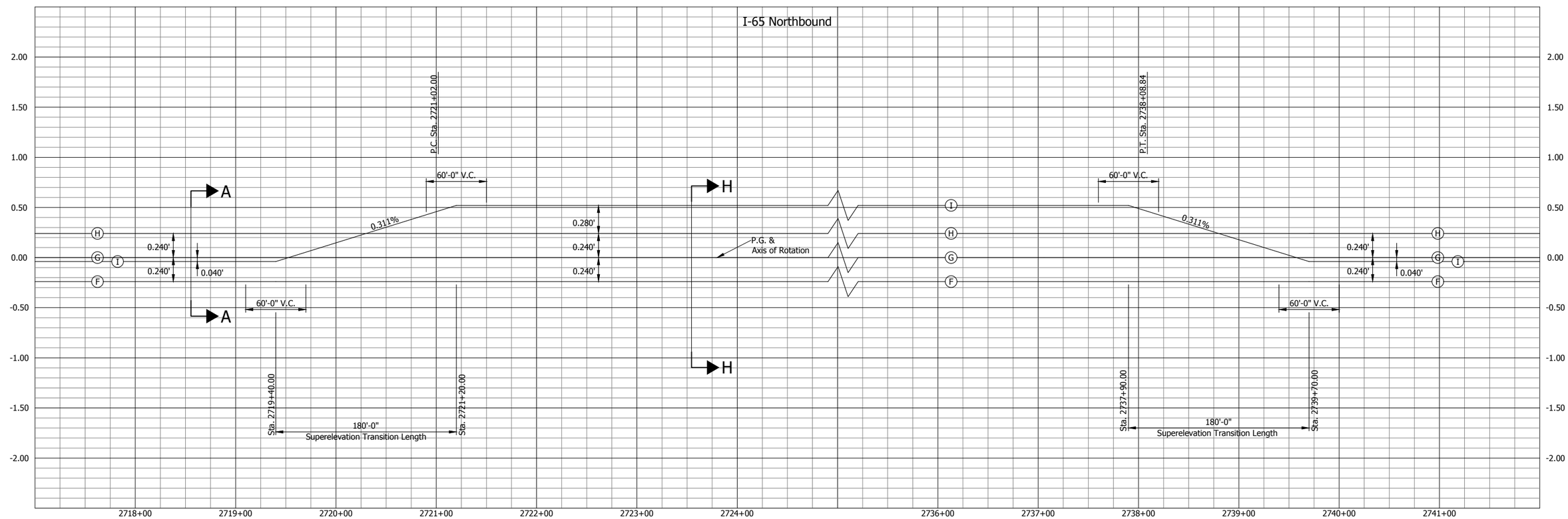


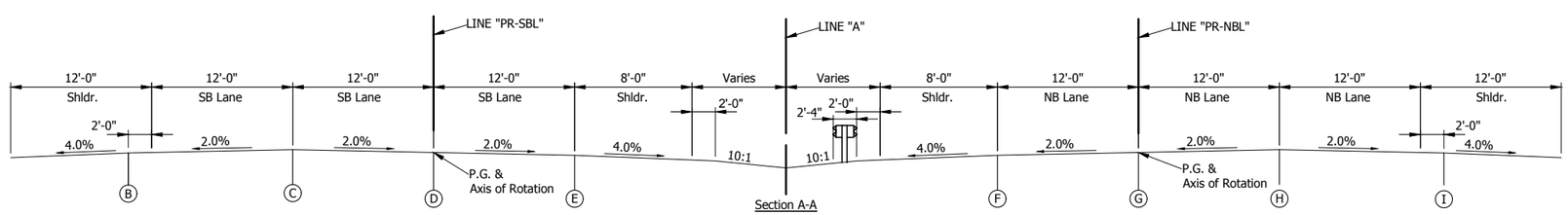
Section H-H

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = Remove Crown





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2729+56.69 Line "PR-NBL"
R=12,791.00'
SE=RC
Design Speed=70 M.P.H.

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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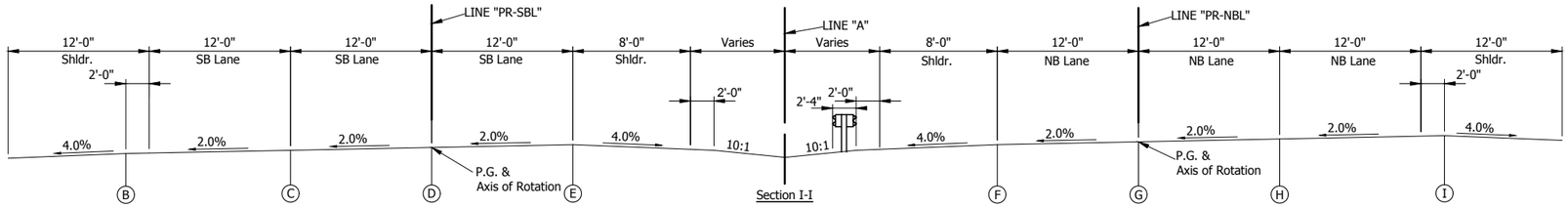
DESIGN ENGINEER DATE

DESIGNED: BWS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 SUPERELEVATION
LINE "PR-NBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	174 of 196
CONTRACT	PROJECT
R-28940	0501212

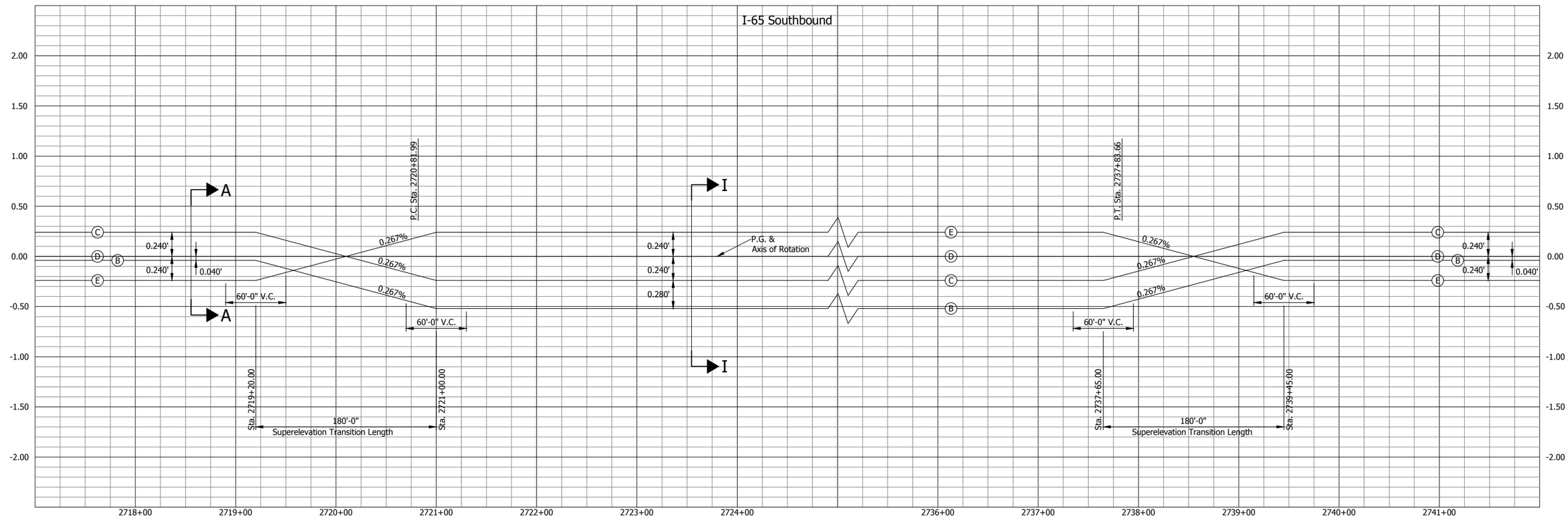


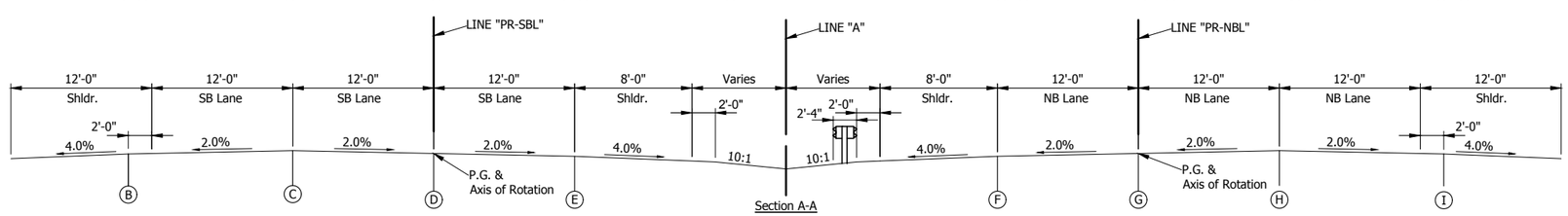
Section I-I

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = Remove Crown





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2729+34.09 Line "PR-SBL"
R=12,735.00'
SE=RC
Design Speed=70 M.P.H.

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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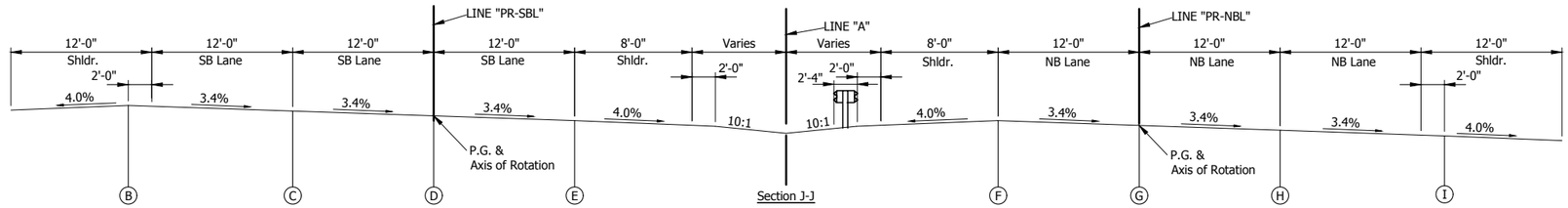
DEPARTMENT OF TRANSPORTATION

I-65 SUPERELEVATION
LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	175 of 196
CONTRACT	PROJECT
R-28940	0501212

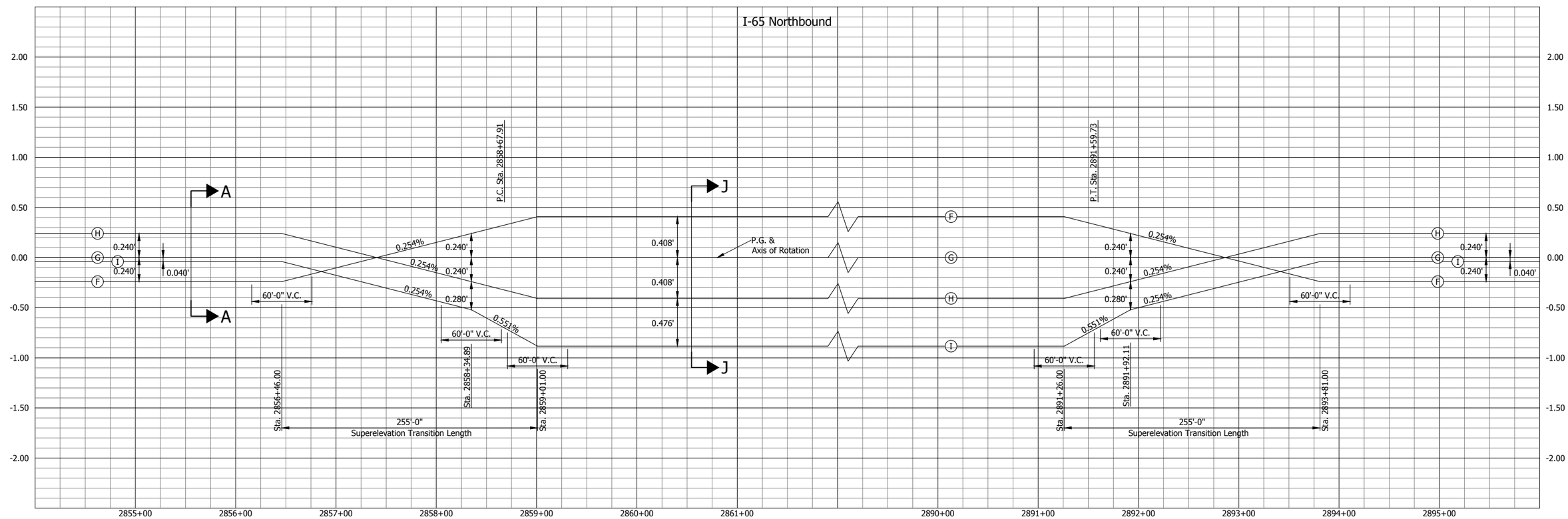


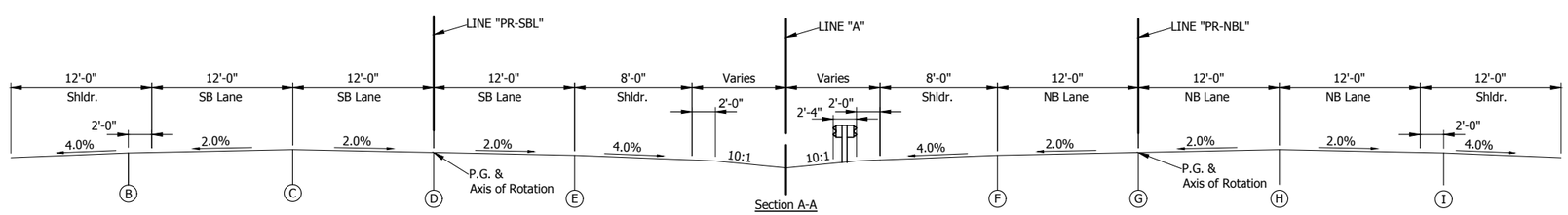
Section J-J

I-65 LINE "A" - SUPERELEVATION SECTION

NOT TO SCALE

SE = 3.40%





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2875+52.59 Line "PR-NBL"
R=6,322.00'
SE=3.40%
Design Speed=70 M.P.H.

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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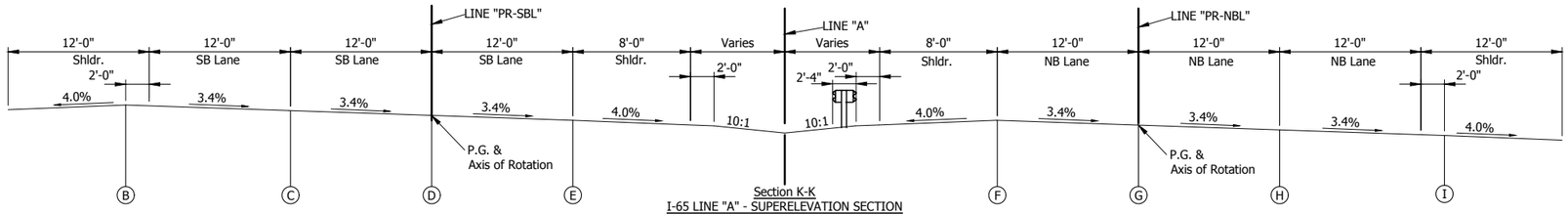
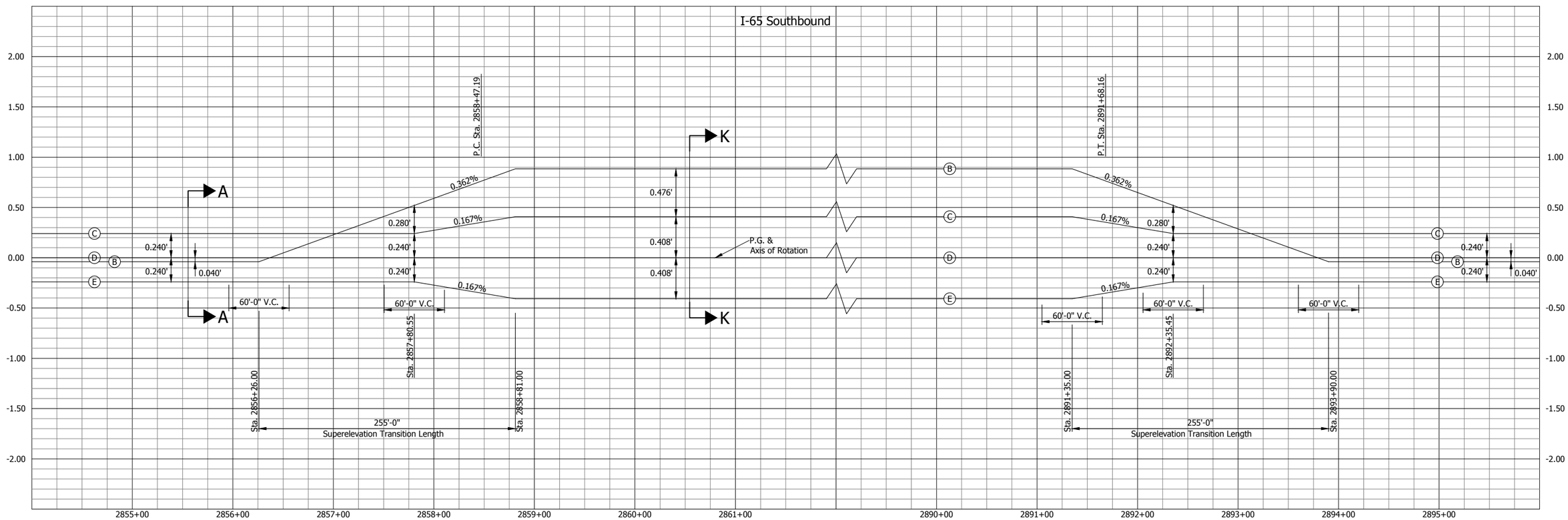
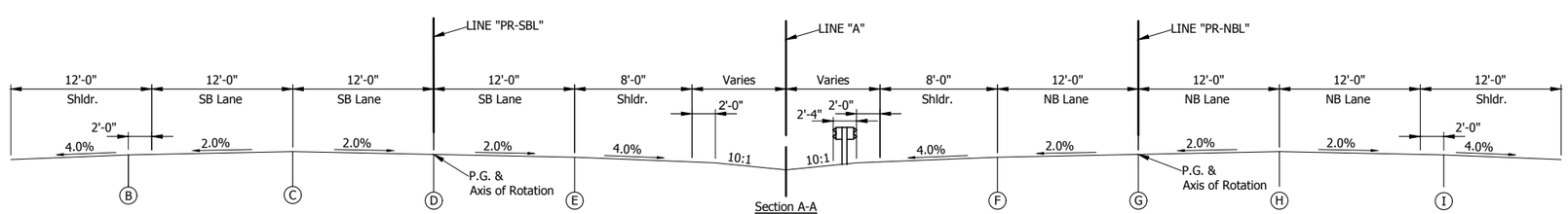
I-65 SUPERELEVATION
LINE "PR-NBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	176 of 196
CONTRACT	PROJECT
R-28940	0501212



Section K-K
I-65 LINE "A" - SUPERELEVATION SECTION
NOT TO SCALE
SE = 3.40%





Section A-A

I-65 LINE "A" - TANGENT SECTION

CURVE DATA
P.I. Sta. 2875+46.24 Line "PR-SBL"
R=6,378.00'
SE=3.40%
Design Speed=70 M.P.H.

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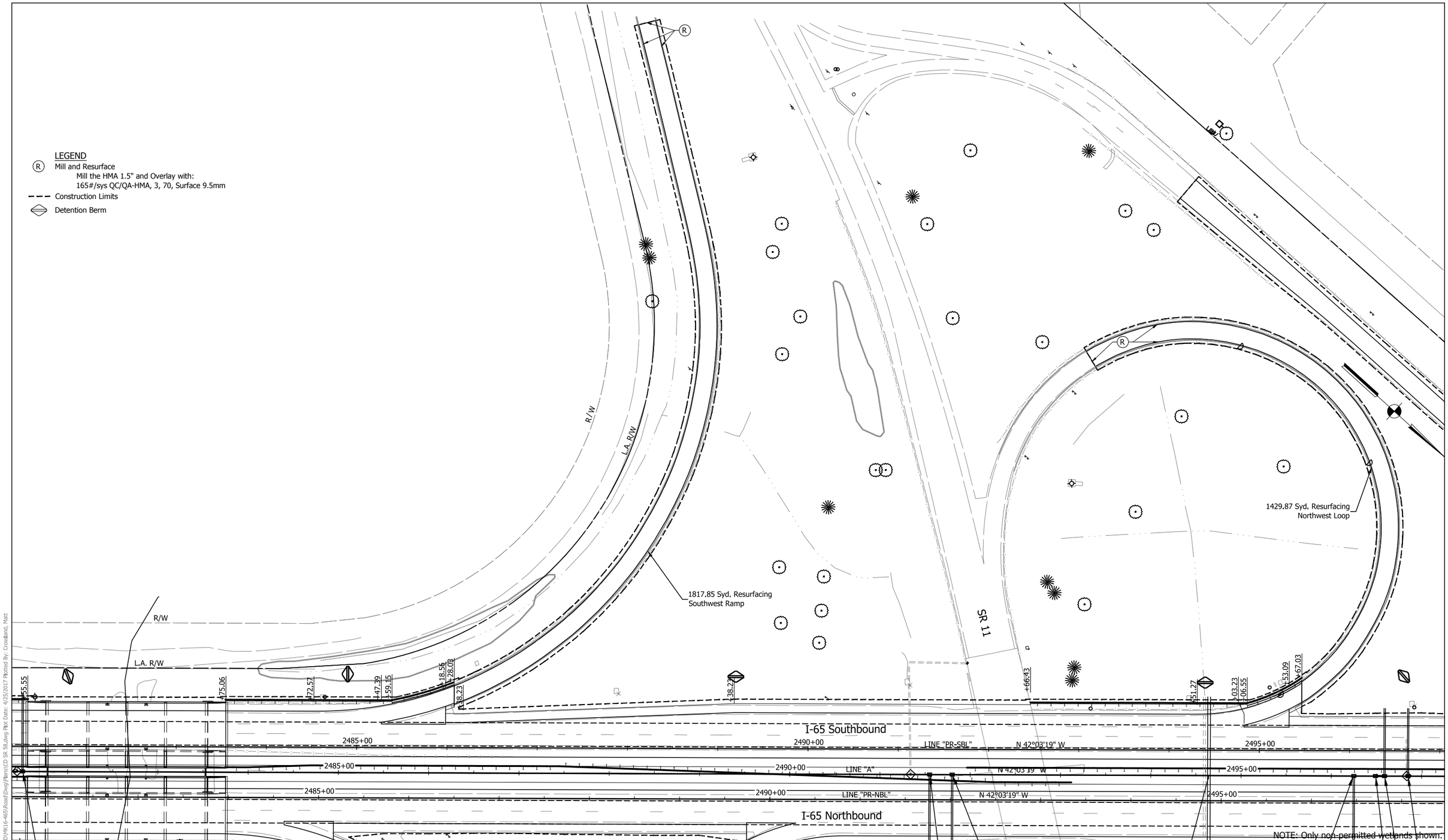
I-65 SUPERELEVATION
LINE "PR-SBL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'-0"	
VERTICAL SCALE	DESIGNATION
1" = 0.5'	0501212
SURVEY BOOK	SHEETS
	177 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Superelevation Details.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



File Name: \\UCSDWFS\Road1Proj\CADD\WK16-465\Road\Dwg\Plans\CD SR 58.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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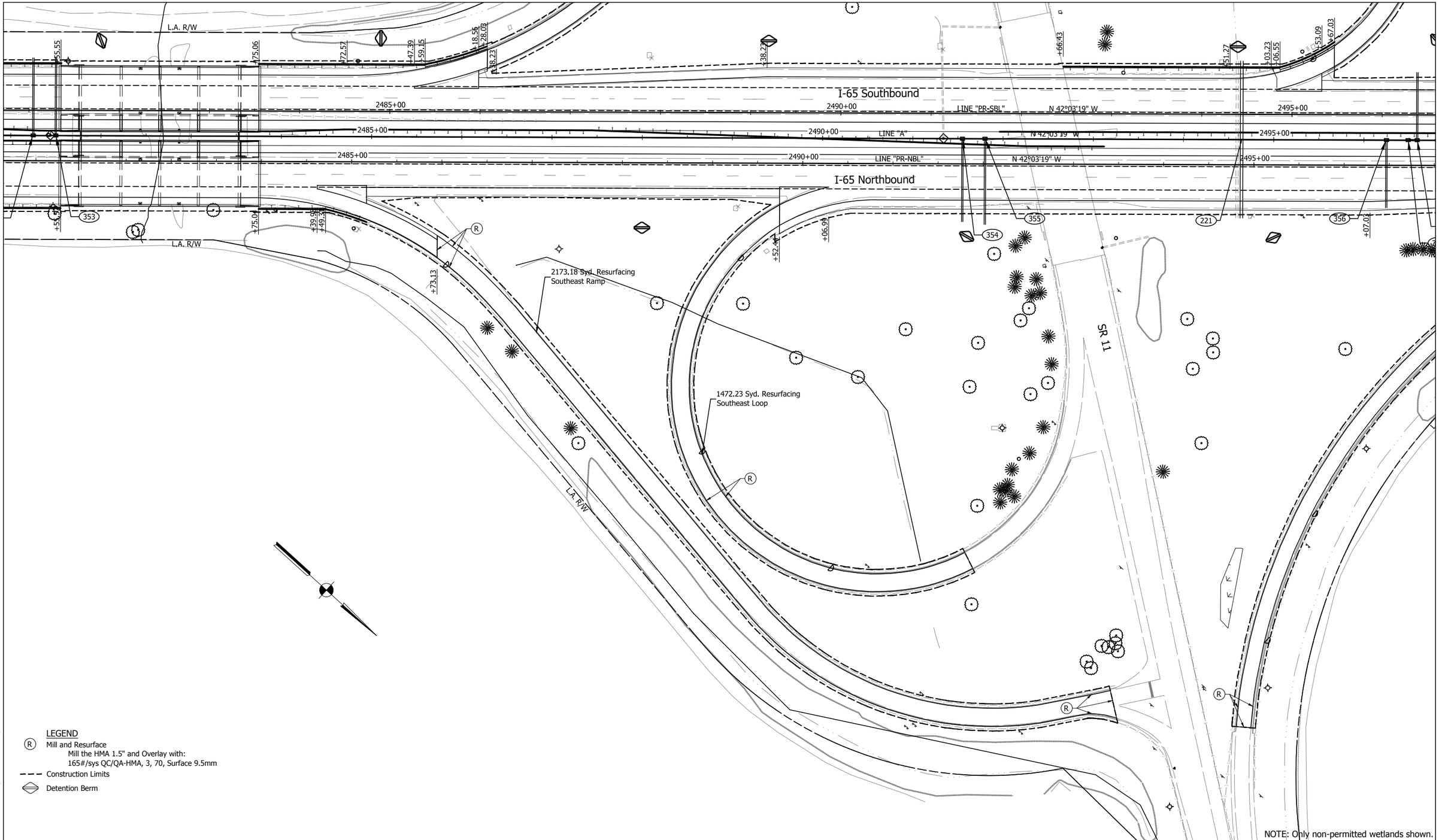
I-65 & SR 11
RESURFACING DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	178 of 196
CONTRACT	PROJECT
R-28940	0501212



File Name: \\UCSD4FS\Road1\Proj\CSD\INK\I-465\Road\Dwg\Plans\CD SR 38.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

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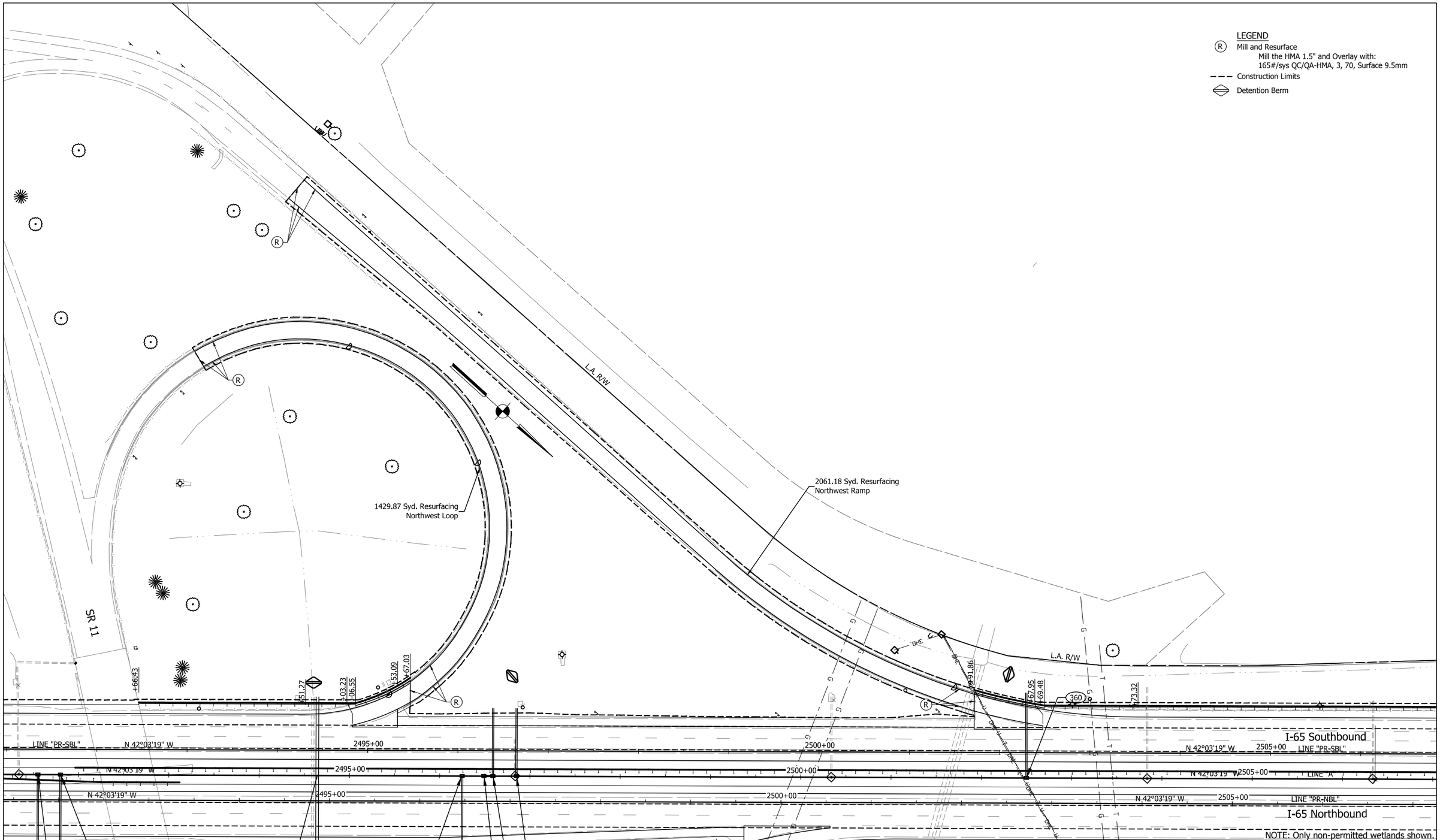
DRAWN: MAC
CHECKED: BJP
CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 & SR 11
RESURFACING DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	179 of 196
CONTRACT	PROJECT
R-28940	0501212



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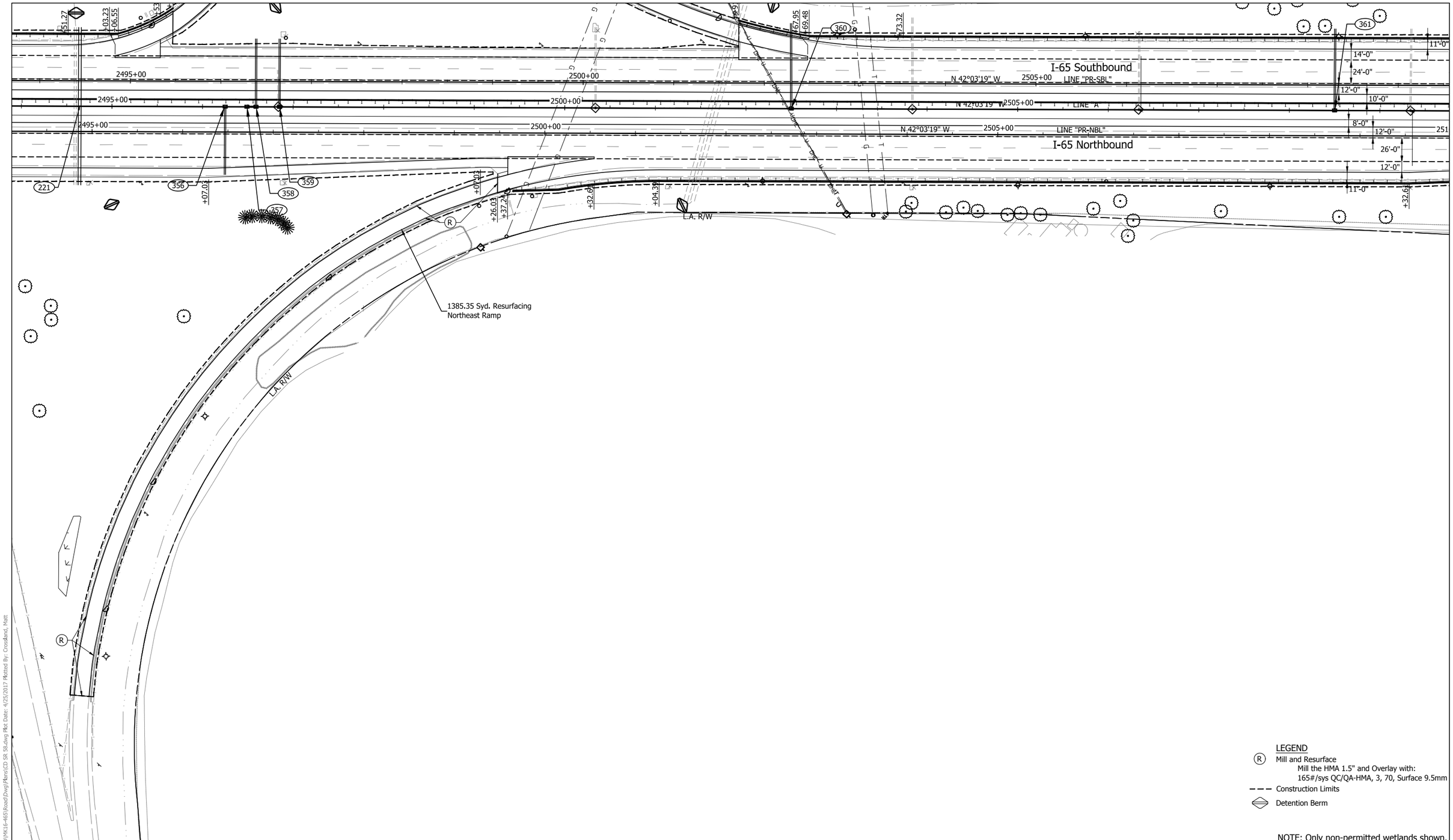
INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 & SR 11
RESURFACING DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	180 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1\Proj\CSD\WK16-465\Road\Dwg\Plans\CD SR 58.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(R) Mill and Resurface
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm

Construction Limits

Detention Berm

NOTE: Only non-permitted wetlands shown.

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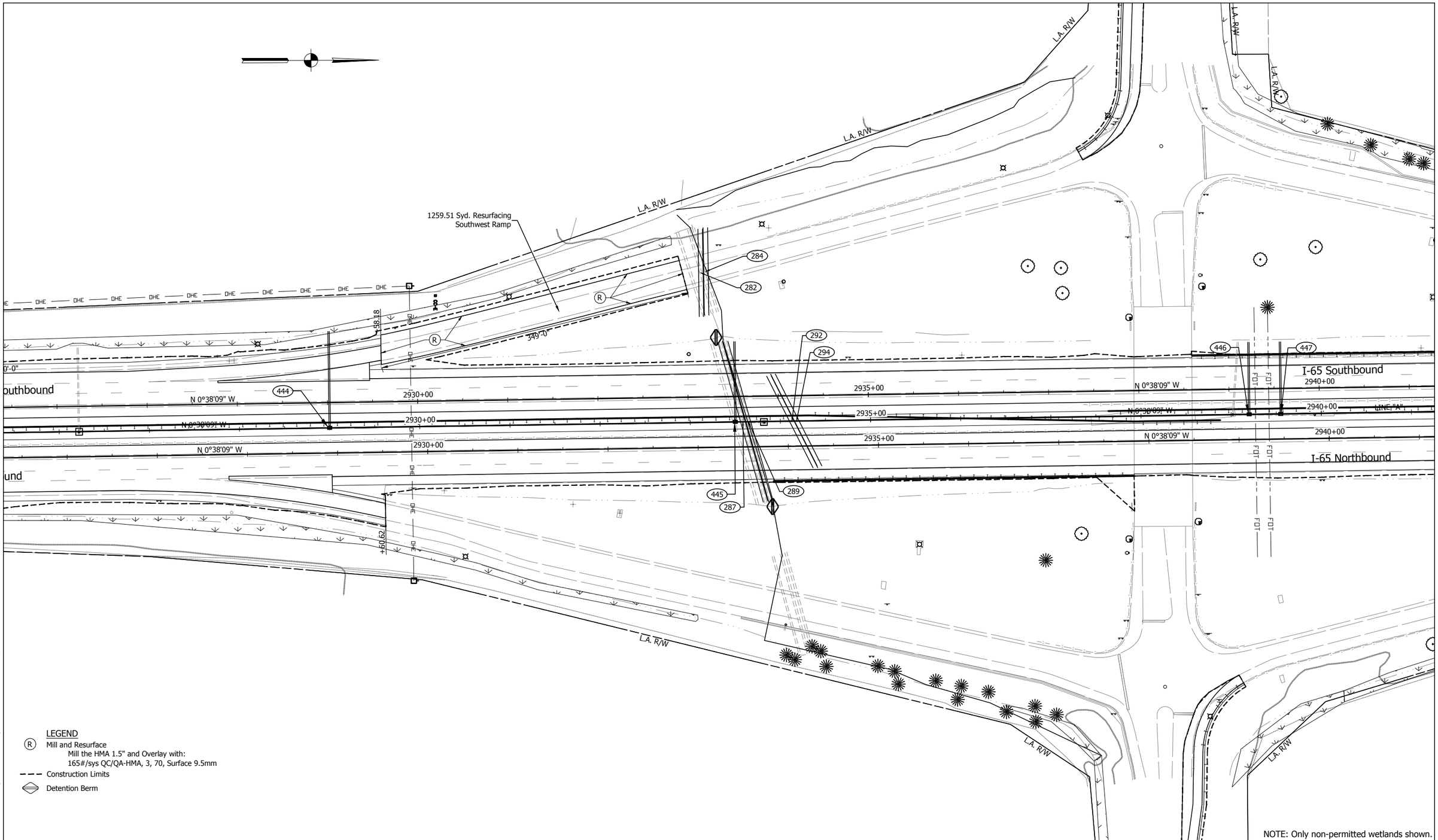
INDIANA
DEPARTMENT OF TRANSPORTATION

I-65 & SR 11
RESURFACING DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	181 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road\Proj\C3D\IN16-465\Road\Dwg\Plans\CD SR 55.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(R) Mill and Resurface
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm

Construction Limits

Detention Berm

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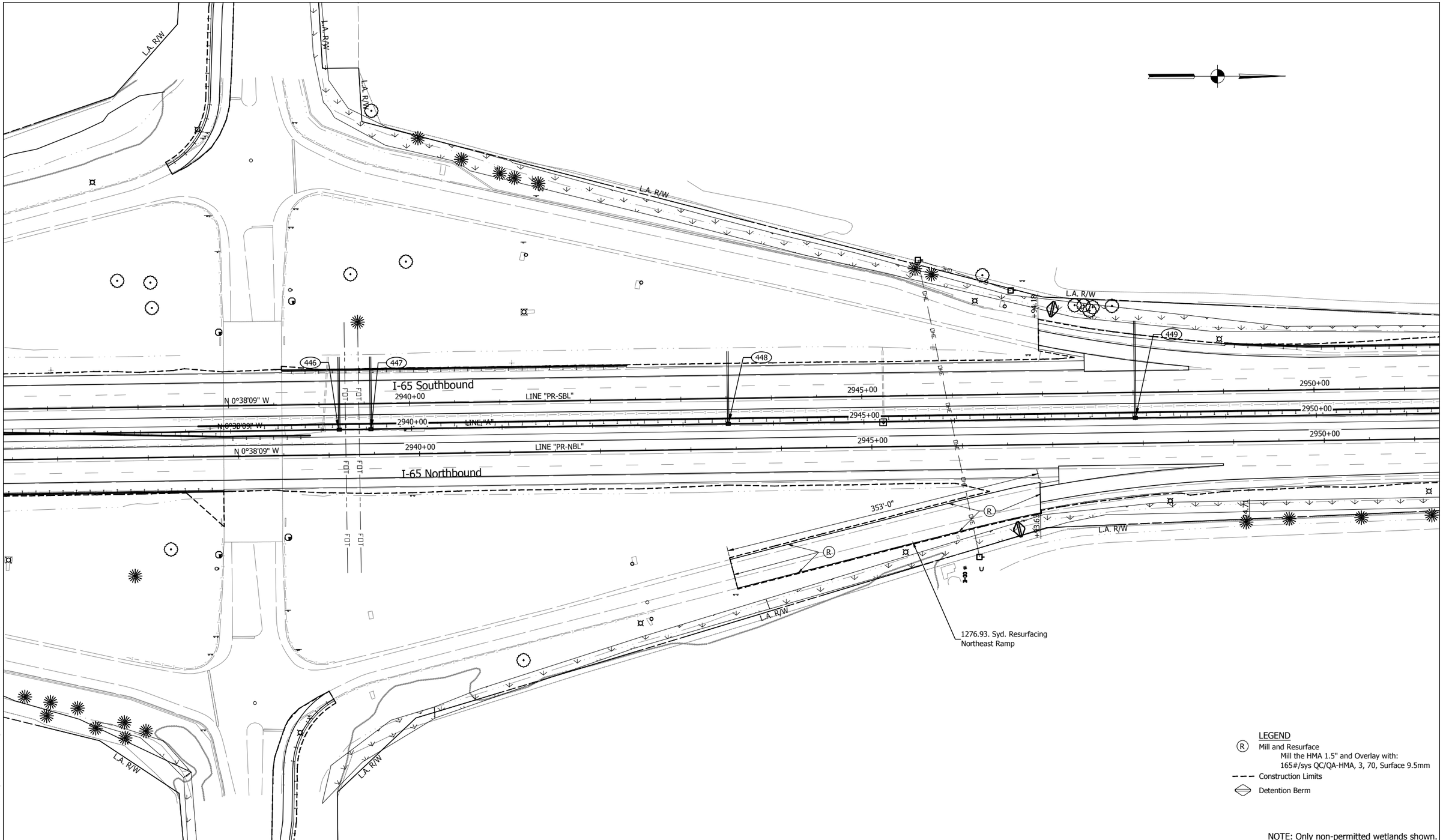
DESIGNED: GJB DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

I-65
SOUTH RAMP DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	182 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1Proj\C3D\WK16-465\Road\Dwg\Plans\CD SR 50.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt



LEGEND

(R) Mill and Resurface
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm

Construction Limits

Detention Berm

NOTE: Only non-permitted wetlands shown.

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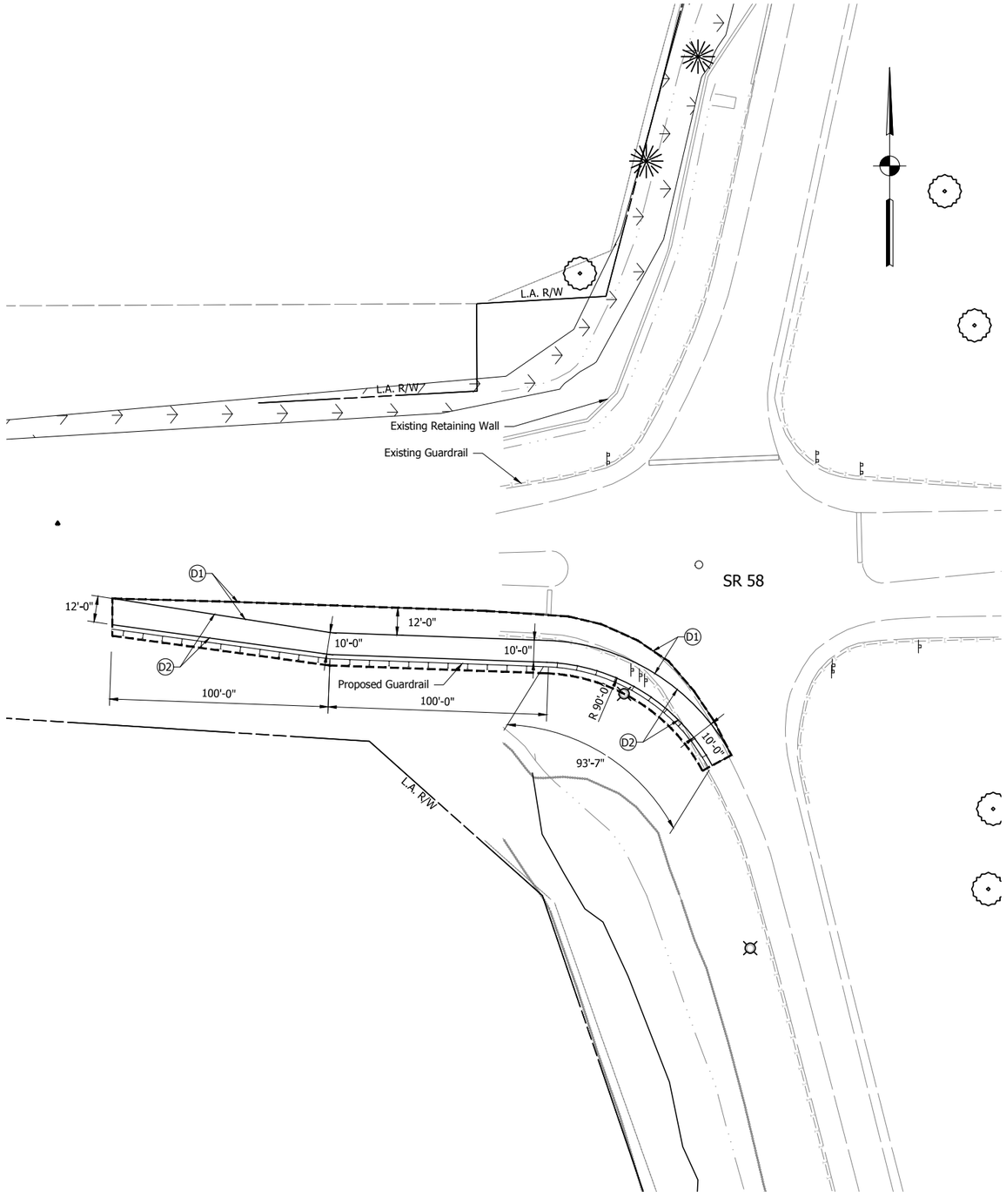
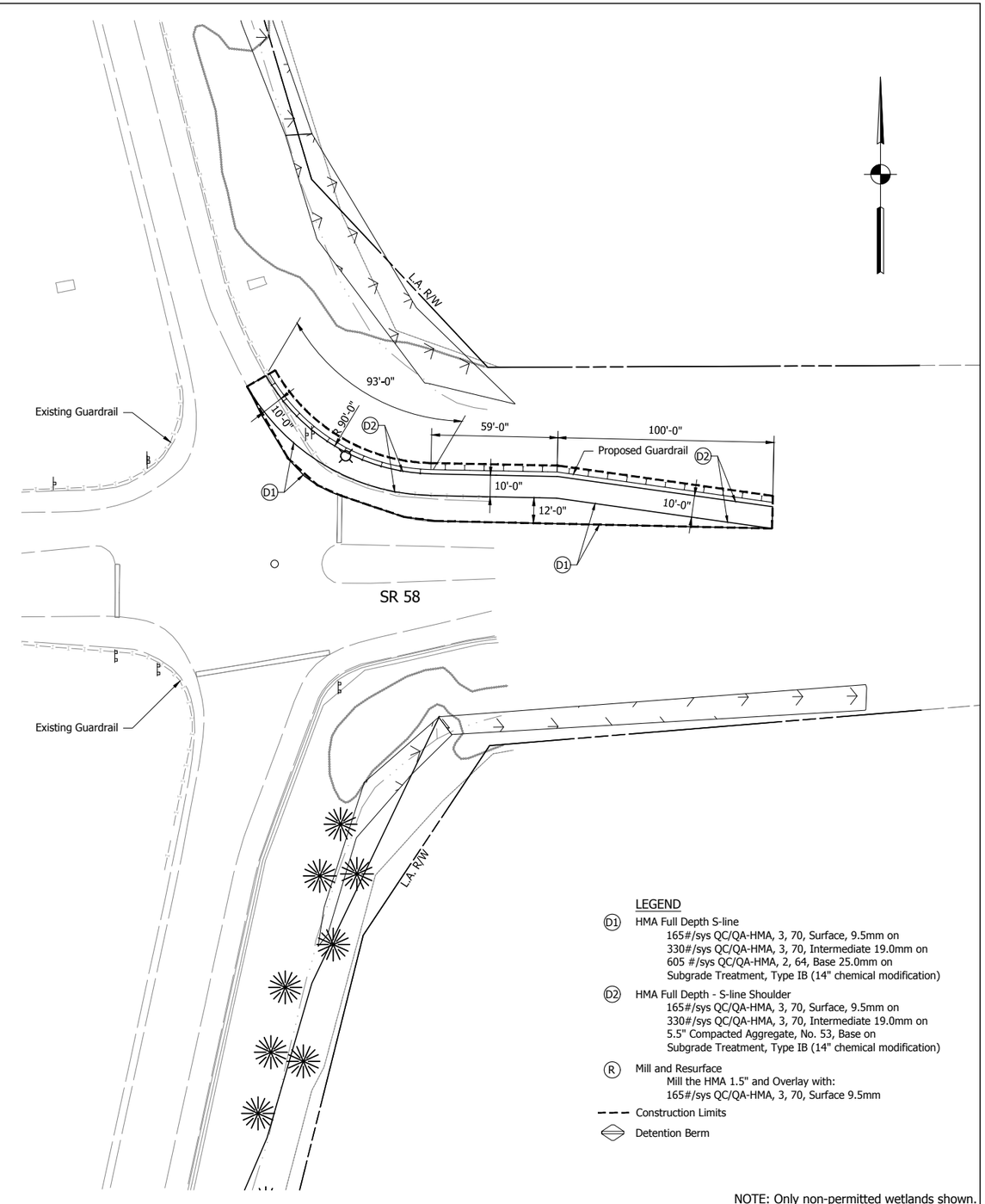
INDIANA
DEPARTMENT OF TRANSPORTATION

I-65
NORTH RAMP DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	183 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1Proj\CSD\WK16-465\Road\Dwg\Plans\CD SR 58.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt





LEGEND

(D1) HMA Full Depth S-line
165#/sys QC/QA-HMA, 3, 70, Surface, 9.5mm on
330#/sys QC/QA-HMA, 3, 70, Intermediate 19.0mm on
605 #/sys QC/QA-HMA, 2, 64, Base 25.0mm on
Subgrade Treatment, Type IB (14" chemical modification)

(D2) HMA Full Depth - S-line Shoulder
165#/sys QC/QA-HMA, 3, 70, Surface, 9.5mm on
330#/sys QC/QA-HMA, 3, 70, Intermediate 19.0mm on
5.5" Compacted Aggregate, No. 53, Base on
Subgrade Treatment, Type IB (14" chemical modification)

(R) Mill and Resurface
Mill the HMA 1.5" and Overlay with:
165#/sys QC/QA-HMA, 3, 70, Surface 9.5mm

Construction Limits

Detention Berm

NOTE: Only non-permitted wetlands shown.

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INDIANA
DEPARTMENT OF TRANSPORTATION

I-65
SR 58 DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	184 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDMFS\Road\Proj\C3D\MK16-465\Road\Dwg\Plans\CD SR 58.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

DETENTION TABLE

BERM NO.	LOCATION STATION	LEFT	RIGHT	DRAINAGE AREA	STORAGE REQUIRED	INVERT ELEVATION	BOTTOM WIDTH	SIDE SLOPES	TOP-OF-BERM ELEVATION	SPILLWAY ELEVATION	SPILLWAY TOP WIDTH	OUTLET PIPE	PIPE LENGTH	SCOUR PROTECTION GEOTEXTILES	RIPRAP	
				AC	CFT		FT	X:1			FT	IN	FT	SYS	TYPE	TON
	Line "A"															
1	2226+50		X	2.8	4100	594.3	4	3	597.0	596.0	10	15	30	6.2	REV.	2.1
2	2226+50	X		5.8	9010	596.8	4	3	600.7	599.7	10	18	30	8.1	REV.	3.0
3	2232+30	X		1.7	2100	593.4	4	3	595.4	594.4	10	12	30	4.5	REV.	1.3
4	2232+90	X		3.5	5730	594.5	4	3	597.7	596.7	10	15	30	6.2	REV.	2.1
5	2235+10		X	0.9	750	600.5	4	3	602.2	601.2	10	12	30	4.5	REV.	1.3
6	2253+80	X		4.8	7180	596.9	4	3	600.5	599.5	10	18	30	8.1	REV.	3.0
7	2256+40		X	4.9	7180	592.3	4	3	595.9	594.9	10	18	30	8.1	REV.	3.0
8	2257+90	X		0.8	750	594.6	4	3	596.3	595.3	10	12	30	4.5	REV.	1.3
9	2262+80		X	1.5	2100	589.3	4	3	591.3	590.3	10	12	30	4.5	REV.	1.3
10	2263+50		X	0.5	750	589.0	4	3	590.7	589.7	10	12	30	4.5	REV.	1.3
11	2263+90	X		2.9	4100	588.7	4	3	591.4	590.4	10	15	30	6.2	REV.	2.1
12	2268+70		X	1.3	2100	583.7	4	3	585.7	584.7	10	12	30	4.5	REV.	1.3
13	2269+40		X	3.3	5730	583.4	4	3	586.6	585.6	10	15	30	6.2	REV.	2.1
14	2286+90		X	3.2	5730	572.5	4	3	575.7	574.7	10	15	30	6.2	REV.	2.1
15	2287+20	X		5.5	9010	572.1	4	3	576.0	575.0	10	18	30	8.1	REV.	3.0
16	2304+20		X	1.3	2100	575.7	4	3	577.7	576.7	10	12	30	4.5	REV.	1.3
17	2304+60	X		1.8	2100	578.8	4	3	580.8	579.8	10	12	30	4.5	REV.	1.3
18	2305+50		X	3.0	5730	576.7	4	3	579.9	578.9	10	15	30	6.2	REV.	2.1
19	2305+80	X		5.0	9010	576.6	4	3	580.5	579.5	10	18	30	8.1	REV.	3.0
20	2315+10		X	4.9	7180	603.4	4	3	607.0	606.0	10	18	30	8.1	REV.	3.0
21	2324+90	X		7.0	12600	608.7	4	3	613.3	612.3	10	21	30	10.2	REV.	4.1
22	2335+90		X	5.0	9010	615.3	4	3	618.5	617.5	10	18	30	8.1	REV.	3.0
23	2346+10		X	0.7	750	627.8	4	3	629.5	628.5	10	12	30	4.5	REV.	1.3
24	2352+60	X		2.0	4100	626.7	4	3	629.4	628.4	10	15	30	6.2	REV.	2.1
25	2353+30	X		4.0	7180	627.4	4	3	631.0	630.0	10	18	30	8.1	REV.	3.0
26	2353+40		X	1.5	2100	628.6	4	3	630.6	629.6	10	12	30	4.5	REV.	1.3
27	2354+20		X	1.9	2100	629.1	4	3	631.1	630.1	10	12	30	4.5	REV.	1.3
28	2384+00	X		6.9	9240	608.9	4	3	613.0	612.0	10	21	30	10.2	REV.	4.1
29	2385+50		X	4.2	7180	603.4	4	3	607.0	606.0	10	18	30	8.1	REV.	3.0
30	2386+20		X	0.4	750	605.3	4	3	607.0	606.0	10	12	30	4.5	REV.	1.3
31	2390+30		X	0.5	750	607.8	4	3	609.5	608.5	10	12	30	4.5	REV.	1.3
32	2390+90	X		0.5	750	605.2	4	3	606.9	605.9	10	12	30	4.5	REV.	1.3
33	2393+10		X	1.7	2100	620.8	4	3	622.8	621.8	10	12	30	4.5	REV.	1.3
34	2410+20	X		6.9	9240	582.7	4	3	586.8	585.8	10	21	30	10.2	REV.	4.1
35	2411+90		X	2.3	4100	580.8	4	3	583.5	582.5	10	15	30	6.2	REV.	2.1
36	2430+90		X	2.9	4100	569.3	4	3	572.0	571.0	10	15	30	6.2	REV.	2.1
37	2430+90	X		1.7	2100	573.9	4	3	575.9	574.9	10	12	30	4.5	REV.	1.3
38	2439+40	X		4.4	7180	570.9	4	3	574.5	573.5	10	18	30	8.1	REV.	3.0
39	2457+00	X		3.8	5730	573.0	4	3	576.2	575.2	10	15	30	6.2	REV.	2.1
40	2462+20		X	2.3	4100	570.8	4	3	573.5	572.5	10	15	30	6.2	REV.	2.1
41	2466+30		X	0.6	750	574.2	4	3	575.9	574.9	10	12	30	4.5	REV.	1.3
42	2470+20	X		2.9	4100	573.7	4	3	576.4	575.4	10	15	30	6.2	REV.	2.1
43	2475+30		X	1.0	2100	569.3	4	3	571.3	570.3	10	12	30	4.5	REV.	1.3
44	2477+30	X		0.4	750	574.9	4	3	576.6	575.6	10	12	30	4.5	REV.	1.3
45	2477+90		X	0.7	750	575.9	4	3	577.6	576.6	10	12	30	4.5	REV.	1.3
46	2482+00	X		1.2	2100	573.9	4	3	575.9	574.9	10	12	30	4.5	REV.	1.3
47	2485+10	X		0.6	750	574.5	4	3	576.2	575.2	10	12	30	4.5	REV.	1.3
48	2488+00		X	0.6	750	578.8	4	3	580.5	579.5	10	12	30	4.5	REV.	1.3
49	2489+40	X		0.9	750	577.9	4	3	579.6	578.6	10	12	30	4.5	REV.	1.3
50	2491+60		X	2.3	4100	578.8	4	3	581.5	580.5	10	15	30	6.2	REV.	2.1
51	2494+60	X		0.6	750	578.1	4	3	579.8	578.8	10	12	30	4.5	REV.	1.3
52	2495+00		X	1.1	2100	579.7	4	3	581.7	580.7	10	12	30	4.5	REV.	1.3
53	2496+80	X		3.0	5730	582.7	4	3	582.7	581.7	10	15	30	6.2	REV.	2.1
54	2501+30		X	2.8	4100	578.3	4	3	581.0	580.0	10	15	30	6.2	REV.	2.1
55	2502+30	X		4.2	7180	577.4	4	3	581.0	580.0	10	18	30	8.1	REV.	3.0
56	2525+10	X		4.2	7180	578.8	4	3	582.4	581.4	10	18	30	8.1	REV.	3.0
57	2525+10		X	2.0	4100	579.5	4	3	582.2	581.2	10	15	30	6.2	REV.	2.1

DETENTION TABLE

BERM NO.	LOCATION STATION	LEFT	RIGHT	DRAINAGE AREA	STORAGE REQUIRED	INVERT ELEVATION	BOTTOM WIDTH	SIDE SLOPES	TOP-OF-BERM ELEVATION	SPILLWAY ELEVATION	SPILLWAY TOP WIDTH	OUTLET PIPE	PIPE LENGTH	SCOUR PROTECTION GEOTEXTILES	RIPRAP	
				AC	CFT		FT	X:1			FT	IN	FT	SYS	TYPE	TON
	Line "A"															
58	2526+40	X		10.0	12820	579.7	4	3	584.4	583.4	10	24	30	12.5	REV.	5.3
59	2526+40		X	4.4	7180	580.1	4	3	583.7	582.7	10	18	30	8.1	REV.	3.0
60	2559+50	X		1.4	2100	584.5	4	3	586.5	585.5	10	12	30	4.5	REV.	1.3
61	2560+10	X		3.9	5730	584.6	4	3	587.8	586.8	10	15	30	6.2	REV.	2.1
62	2560+90		X	0.7	750	585.5	4	3	587.2	586.2	10	12	30	4.5	REV.	1.3
63	2561+60		X	3.2	5730	585.2	4	3	588.4	587.4	10	15	30	6.2	REV.	2.1
64	2578+10		X	1.1	2100	613.7	4	3	615.7	614.7	10	12	30	4.5	REV.	1.3
65	2586+40	MED		2.4	4100	583.8	4	3	586.5	585.5	10	15	30	6.2	REV.	2.1
66	2618+90	X		5.0	9010	578.7	4	3	582.6	581.6	10	18	30	8.1	REV.	3.0
67	2619+20		X	7.4	12600	578.7	4	3	583.3	582.3	10	21	30	10.2	REV.	4.1
68	2619+60	X		1.8	2100	578.7	4	3	580.7	579.7	10	12	30	4.5	REV.	1.3
69	2619+60		X	3.0	5730	578.7	4	3	581.9	580.9	10	15	30	6.2	REV.	2.1
70	2639+50	X		4.5	7180	581.8	4	3	585.4	584.4	10	18	30	8.1	REV.	3.0
71	2641+00		X	3.3	5730	580.8	4	3	584.0	583.0	10	15	30	6.2	REV.	2.1
72	2656+30	X		0.2	750	598.8	4	3	600.5	599.5	10	12	30	4.5	REV.	1.3
73	2656+70	X		0.5	750	599.9	4	3	601.6	600.6	10	12	30	4.5	REV.	1.3
74	2656+90		X	0.1	750	602.3	4	3	604.0	603.0	10	12	30	4.5	REV.	1.3
75	2657+40		X	1.8	2100	603.2	4	3	605.2	604.2	10	12	30	4.5	REV.	1.3
76	2665+00	X		2.2	4100	594.5	4	3	597.2	596.2	10	15	30	6.2	REV.	2.1
77	2665+90	X		0.9	750	594.9	4	3	596.6	595.6	10	12	30	4.5	REV.	1.3
78	2666+40		X	0.6	750	599.8	4	3	601.5	600.5	10	12	30	4.5	REV.	1.3
79	2666+80		X	2.4	4100	601.5	4	3	604.2	603.2	10	15	30	6.2	REV.	2.1
80	2677+60		X	0.3	750	611.2	4	3	612.9	611.9	10	12	30	4.5	REV.	1.3
81	2678+10		X	1.5	2100	611.2	4	3	613.2	612.2	10	12	30	4.5	REV.	1.3
82	2679+70		X	1.8	2100	614.6	4	3	616.6	615.6	10	12	30	4.5	REV.	1.3
83	2681+00	X		0.3	750	615.9	4	3	617.6	616.6	10	12	30	4.5	REV.	1.3
84	2684+70	X		2.8	4100	626.5	4	3	629.2	628.2	10	15	30	6.2	REV.	2.1
85	2704+50	X		1.7	2100	622.7	4	3	624.7	623.7	10	12	30	4.5	REV.	1.3
86	2715+60		X	4.3	7180	587.1	4	3	590.7	589.7	10	18	30	8.1	REV.	3.0
87	2715+60	X		3.8	5730	585.6	4	3	588.8	587.8	10	15	30	6.2	REV.	2.1
88	2716+10		X	1.9	2100	587.9	4	3	589.9	589.9	10	12	30	4.5	REV.	1.3
89	2718+90	X		4.0	7180	594.3	4	3	597.9	596.9	10	18	30	8.1	REV.	3.0
90	2730+50		X	0.4	750	605.2	4	3	606.9	605.9	10	12	30	4.5	REV.	1.3
91	2731+00		X	0.3	750	605.7	4	3	607.4	606.4	10	12	30	4.5	REV.	1.3
92	2731+30	X		0.3	750	601.3	4	3	603.0	602.0	10	12	30	4.5	REV.	1.3
93	2731+90	X		1.1	2100	601.7	4	3	603.7	602.7	10	12	30	4.5	REV.	1.3
94	2737+00	X		1.3	2100	602.0	4	3	604.0	603.0	10	12	30	4.5	REV.	1.3
95	2737+00		X	0.5	750	605.5	4	3	607.2	606.2	10	12	30	4.5	REV.	1.3
96	2737+40	X		1.0	2100	602.1	4	3	604.1	603.1	10	12	30	4.5	REV.	1.3
97	2737+40		X	0.3	750	606.3	4	3	608.0	607.0	10	12	30	4.5	REV.	1.3
98	2741+00		X	0.2	750	607.8	4	3	609.5	608.5	10	12	30	4.5	REV.	1.3
99	2741+20		X	0.4	750	608.5	4	3	610.2	609.2	10	12	30	4.5	REV.	1.3
100	2741+50	X		0.5	750	606.8	4	3	608.5	607.5	10	12	30	4.5	REV.	1.3
101	2747+30		X	0.8	750	610.6	4	3	612.3	611.3	10	12	30	4.5	REV.	1.3
102	2755+80		X	1.0	2100	590.7	4	3	592.7	591.7	10	12	30	4.5	REV.	1.3
103	2757+50	X		4.3	7180	590.8	4	3	594.4	593.4	10	18	30	8.1	REV.	3.0
104	2762+10		X	2.1	4100	594.2	4	3	596.9	595.9	10	15	30	6.2	REV.	2.1
105	2764+50	X		2.7	4100	596.2	4	3	598.9	597.9	10	15	30	6.2	REV.	2.1
106	2775+20		X	0.4	750	600.7	4	3	602.4	601.4	10	12	30	4.5	REV.	1.3
107	2775+60	X		0.6	750	599.7	4	3	601.4	600.4	10	12	30	4.5	REV.	1.3
108	2779+40		X	0.7	750	598.3	4	3	600.0	599.0	10	12	30	4.5	REV.	1.3
109	2779+90		X	2.0	4100	598.8	4	3	601.5	600.5	10	15	30	6.2	REV.	2.1
110	2780+40	X		1.6	2100	596.1	4	3	598.1	597.1	10	12	30	4.5	REV.	1.3
111	2794+50	X		5.1	9010	593.6	4	3	597.5	596.5	10	18	30	8.1	REV.	3.0
112	2794+50		X	2.0	4100	593.9	4	3	596.6	595.6	10	15	30	6.2	REV.	2.1
113	2795+20	X		5.3	9010	592.9	4	3	596.8	595.8	10	18	30	8.1	REV.	3.0
114	2795+20		X	1.6	2100	593.2	4	3	595.2	594.2	10	12	30	4.5	REV.	1.3

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: WN DRAWN: MA

CHECKED: JK CHECKED: WN

INDIANA
DEPARTMENT OF TRANSPORTATION

DETENTION TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	185 of 196
CONTRACT	PROJECT
R-28940	0501212

DETENTION TABLE

BERM NO.	LOCATION			DRAINAGE AREA	STORAGE REQUIRED	INVERT ELEVATION	BOTTOM WIDTH	SIDE SLOPES	TOP-OF-BERM ELEVATION	SPILLWAY ELEVATION	SPILLWAY TOP WIDTH	OUTLET PIPE	PIPE LENGTH	SCOUR PROTECTION		
	STATION	LEFT	RIGHT											GEOTEXTILES	RIPRAP	
				AC	CFT		FT	X:1			FT	IN	FT	SYS	TYPE	TON
	Line "A"															
115	2809+20		X	0.5	750	612.5	4	3	614.2	613.2	10	12	30	4.5	REV.	1.3
116	2823+10	X		3.7	5730	598.2	4	3	601.4	600.4	10	15	30	6.2	REV.	2.1
117	2823+80		X	1.5	2100	601.4	4	3	603.4	602.4	10	12	30	4.5	REV.	1.3
118	2824+30	X		8.0	12600	598.1	4	3	602.7	601.7	10	21	30	10.2	REV.	4.1
119	2824+90		X	4.5	7180	596.7	4	3	600.3	599.3	10	18	30	8.1	REV.	3.0
120	2854+90	X		1.5	2100	613.2	4	3	615.2	614.2	10	12	30	4.5	REV.	1.3
121	2855+10		X	0.6	750	618.4	4	3	620.1	619.1	10	12	30	4.5	REV.	1.3
122	2855+50	X		2.0	4100	614.8	4	3	617.5	616.5	10	15	30	6.2	REV.	2.1
123	2855+60		X	1.0	2100	618.6	4	3	620.6	619.6	10	12	30	4.5	REV.	1.3
124	2864+40	X		1.4	2100	622.6	4	3	624.6	623.6	10	12	30	4.5	REV.	1.3
125	2864+80		X	0.4	750	626.0	4	3	627.7	626.7	10	12	30	4.5	REV.	1.3
126	2865+00	X		0.6	750	624.1	4	3	625.8	624.8	10	12	30	4.5	REV.	1.3
127	2865+40		X	0.2	750	626.5	4	3	628.2	627.2	10	12	30	4.5	REV.	1.3
128	2869+40	X		9.0	12820	617.3	4	3	622.0	621.0	10	24	30	12.5	REV.	5.3
129	2870+90		X	0.7	750	617.5	4	3	619.2	618.2	10	12	30	4.5	REV.	1.3
130	2871+80		X	3.0	5730	616.5	4	3	619.7	618.7	10	15	30	6.2	REV.	2.1
131	2897+00		X	0.4	750	641.7	4	3	643.4	642.4	10	12	30	4.5	REV.	1.3
132	2897+50	X		0.4	750	640.5	4	3	642.2	641.2	10	12	30	4.5	REV.	1.3
133	2897+80		X	0.2	750	642.2	4	3	643.9	642.9	10	12	30	4.5	REV.	1.3
134	2898+10	X		0.1	750	641.7	4	3	643.4	642.4	10	12	30	4.5	REV.	1.3
135	2899+80		X	0.2	750	638.5	4	3	640.2	639.2	10	12	30	4.5	REV.	1.3
136	2899+80	X		0.1	750	637.5	4	3	639.2	638.2	10	12	30	4.5	REV.	1.3
137	2900+10		X	0.2	750	637.9	4	3	639.6	638.6	10	12	30	4.5	REV.	1.3
138	2900+10	X		0.2	750	638.4	4	3	640.1	639.1	10	12	30	4.5	REV.	1.3
139	2916+40	X		5.5	9010	624.2	4	3	628.1	627.1	10	18	30	8.1	REV.	3.0
140	2917+20		X	2.2	4100	624.1	4	3	626.8	625.8	10	15	30	6.2	REV.	2.1
141	2917+20	X		4.7	7180	625.5	4	3	629.1	628.1	10	18	30	8.1	REV.	3.0
142	2917+90		X	4.8	7180	626.2	4	3	629.8	628.8	10	18	30	8.1	REV.	3.0
143	2933+30	X		8.6	12600	634.9	4	3	639.5	638.5	10	21	30	10.2	REV.	4.1
144	2933+90		X	6.0	9240	635.7	4	3	639.8	638.8	10	21	30	10.2	REV.	4.1
145	2946+70		X	2.8	4100	643.7	4	3	646.4	645.4	10	15	30	6.2	REV.	2.1
146	2947+10	X		5.8	9010	642.7	4	3	646.6	645.6	10	18	30	8.1	REV.	3.0

DETENTION TABLE

BERM NO.	LOCATION			DRAINAGE AREA	STORAGE REQUIRED	INVERT ELEVATION	BOTTOM WIDTH	SIDE SLOPES	TOP-OF-BERM ELEVATION	SPILLWAY ELEVATION	SPILLWAY TOP WIDTH	OUTLET PIPE	PIPE LENGTH	SCOUR PROTECTION		
	STATION	LEFT	RIGHT											GEOTEXTILES	RIPRAP	
				AC	CFT		FT	X:1			FT	IN	FT	SYS	TYPE	TON

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: WN DRAWN: MA

CHECKED: JK CHECKED: WN

INDIANA
DEPARTMENT OF TRANSPORTATION

DETENTION TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	186 of 196
CONTRACT	PROJECT
R-28940	0501212

GUARDRAIL SUMMARY TABLE

LOCATION						RAILING, CONCRETE, FC	RAILING, CONCRETE, FT	CONCRETE BARRIER	W-BEAM GUARDRAIL AT 6'-3" SPA.	DOUBLE FACED W-BEAM GUARDRAIL AT 6'-3" SPA.	STANDARD POST AT 2.0 ft. SPA.	STANDARD POST AT 1.0 ft. SPA.	LONG POST AT 4.0 ft. SPA.	LONG POST AT 2.0 ft. SPA.	SHOP CURVED AT m SPA.	CONC. BRIDGE RAIL TRANSITION TYPE TBC	CONC. BRIDGE RAIL TRANSITION TYPE TBT	GUARDRAIL TRANSITION, TYPE TGB	TERMINAL END SECTION	GUARDRAIL END TREATMENT, MS	GUARDRAIL END TREATMENT, OS	IMPACT ATTENUATOR R2, W1, TL-3	IMPACT ATTENUATOR R1, W1, TL-3	CURVED W-BEAM GUARDRAIL SYSTEM				GUARDRAIL REMOVE	GUARDRAIL RESET	REMARKS
FROM STATION	TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT																			TERMINAL SYSTEM		CONNECTOR SYSTEM				
						ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	TYPE	EACH	TYPE	EACH	ft.	ft.	
2217+43.14	2226+74.39	X							906.25									1	1												
2228+61.25	2243+80.00	X							1443.75									1			1										
2282+24.82	2285+91.18	X							316.36									2													
2286+97.22	2290+90.97	X							318.75									1			1										
2310+00.00	2323+06.25	X							1256.25										1		1										
2329+00.00	2340+00.00	X							1050.00										1		1										
2346+05.26	2361+99.01	X							1543.75										1		1										
2377+87.95	2393+00.45	X							1437.50									1			1										
2407+00.62	2415+06.87	X							781.25									1	1												
2430+61.87	2461+77.07	X							3065.20									2													
2465+30.85	2473+46.48	X							765.63									2													
2476+99.09	2481+56.02	X							406.93									2													
2483+74.54	2486+28.00	X							228.46									1													
2492+66.40	2495+67.00	X							300.60										1												
2501+91.83	2512+30.43	X							1013.60									1													
2514+63.35	2524+94.90	X							981.55									2													
2526+21.28	2530+08.78	X							312.50									1			1										
2557+02.55	2563+02.55	X							525.00									1			1										
2572+00.00	2578+06.25	X							556.25										1		1										
2582+00.00	2626+00.00	X							4350.00										1		1										
2648+25.34	2649+31.59	X							81.25									1	1												
2649+57.88	2653+51.63	X							318.75									1			1										
2660+00.00	2670+00.00	X							950.00										1		1										
2677+00.00	2688+00.00	X							1050.00										1		1										
2704+00.00	2721+00.00	X							1650.00										1		1										
2730+00.00	2744+00.00	X							1350.00										1		1										
2754+00.00	2765+00.00	X							1050.00										1		1										
2783+00.00	2787+00.00	X							350.00										1		1										
2790+00.00	2798+00.00	X							750.00										1		1										
2803+00.00	2811+00.00	X							750.00										1		1										
2822+16.12	2823+28.62	X							87.50									1	1												
2824+23.09	2831+04.34	X							606.25									1			1										
2840+39.73	2840+95.98	X							31.25									1	1												
2841+23.75	2842+42.50	X							43.75									1			1										
2854+00.00	2884+00.00	X							2950.00										1		1										
2913+00.00	2925+00.00	X							1150.00										1		1										
2938+57.05	2942+44.55	X							312.50									1			1										
2949+00.00	2965+50.00	X							1600.00										1		1										
TOTALS (This Sheet)									36640.83									26	22		25										

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DESIGN ENGINEER DATE

DESIGNED: BWS DRAWN: MAC
CHECKED: BJP CHECKED: BJP

INDIANA
DEPARTMENT OF TRANSPORTATION

GUARDRAIL
SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	
VERTICAL SCALE	DESIGNATION
N.A.	0501212
SURVEY BOOK	SHEETS
	187 of 196
CONTRACT	PROJECT
R-28940	0501212

GUARDRAIL SUMMARY TABLE

LOCATION						RAILING, CONCRETE, FC	RAILING, CONCRETE, FT	CONCRETE BARRIER	W-BEAM GUARDRAIL AT 6'-3" SPA.	DOUBLE FACED W-BEAM GUARDRAIL AT 6'-3" SPA.	STANDARD POST AT 2.0 ft. SPA.	STANDARD POST AT 1.0 ft. SPA.	LONG POST AT 4.0 ft. SPA.	LONG POST AT 2.0 ft. SPA.	SHOP CURVED AT m SPA.	CONC. BRIDGE RAIL TRANSITION TYPE TBC	CONC. BRIDGE RAIL TRANSITION TYPE TBT	GUARDRAIL TRANSITION, TYPE TGB	TERMINAL END SECTION	GUARDRAIL END TREATMENT, MS	GUARDRAIL END TREATMENT, OS	IMPACT ATTENUATOR R2, W1, TL-3	IMPACT ATTENUATOR R1, W1, TL-3	CURVED W-BEAM GUARDRAIL SYSTEM				GUARDRAIL REMOVE	GUARDRAIL RESET	REMARKS
FROM STATION	TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT																			TERMINAL SYSTEM		CONNECTOR SYSTEM				
						ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	TYPE	EACH	TYPE	EACH	ft.	ft.	
2214+50.00	2227+12.67				X				1237.67									1												
2229+00.15	2238+06.40				X				881.25									1	1											
2277+97.96	2285+16.71				X				643.75									1			1									
229.+00800	2317+00.00				X				1850.00										1		1									
2321+00.00	2335+00.00				X				1350.00										1		1									
2341+30.72	2345+30.72				X				325.00									1			1									
2373+52.36	2377+52.36				X				325.00									1			1									
2409+94.37	2415+06.87				X				437.50									1			1									
2430+61.87	2462+51.32				X				3139.45									2												
2466+05.13	2474+34.40				X				779.27									2												
2477+87.51	2481+55.54				X				318.03									2												
2483+75.02	2484+94.60				X				94.58									1												
2499+42.98	2513+34.71				X				1366.73									1												
2515+67.80	2524+94.78				X				876.98									2												
2526+21.28	2529+52.53				X				306.25									1	1											
2551+95.27	2556+26.52				X				356.25									1			1									
2556+53.26	2562+28.26				X				550.00									1	1											
2582+37.50	2610+06.25				X				2718.75										1		1									
2644+65.86	2648+90.86				X				350.00									1			1									
2663+00.00	2682+00.00				X				1850.00										1		1									
2707+50.00	2720+00.00				X				1200.00										1		1									
2734+00.00	2742+00.00				X				750.00										1		1									
2753+00.00	2763+00.00				X				950.00										1		1									
2793+00.00	2801+00.00				X				750.00										1		1									
2821+07.35	2823+76.10				X				193.75									1			1									
2824+69.79	2829+01.04				X				406.25									1	1											
2839+03.54	2840+22.29				X				43.75									1			1									
2868+00.00	2876+00.00				X				750.00										1		1									
2915+00.00	2920+00.00				X				450.00										1		1									
2933+91.32	2937+91.32				X				325.00												1									
TOTALS (This Sheet)									25575.21									23	14		19									

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CHECKED: BJP CHECKED: BJP

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DEPARTMENT OF TRANSPORTATION

GUARDRAIL
SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	
VERTICAL SCALE	DESIGNATION
N.A.	0501212
SURVEY BOOK	SHEETS
	188 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCS04FS\Road1Proj\C3D\MK16-465\Road\Dwg\Plans\Guardrail Table.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

GUARDRAIL SUMMARY TABLE

LOCATION						RAILING, CONCRETE, FC	RAILING, CONCRETE, FT	CONCRETE BARRIER	W-BEAM GUARDRAIL AT 6'-3" SPA.	DOUBLE FACED W-BEAM GUARDRAIL AT 6'-3" SPA.	STANDARD POST AT 2.0 ft. SPA.	STANDARD POST AT 1.0 ft. SPA.	LONG POST AT 4.0 ft. SPA.	LONG POST AT 2.0 ft. SPA.	SHOP CURVED AT m SPA.	CONC. BRIDGE RAIL TRANSITION TYPE TBC	CONC. BRIDGE RAIL TRANSITION TYPE TBT	GUARDRAIL TRANSITION, TYPE TGB	TERMINAL END SECTION	GUARDRAIL END TREATMENT, MS	GUARDRAIL END TREATMENT, OS	IMPACT ATTENUATOR R2, W1, TL-3	IMPACT ATTENUATOR R1, W1, TL-3	CURVED W-BEAM GUARDRAIL SYSTEM				GUARDRAIL REMOVE	GUARDRAIL RESET	REMARKS
FROM STATION	TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT																			TERMINAL SYSTEM		CONNECTOR SYSTEM				
						ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	TYPE	EACH	TYPE	EACH	ft.	ft.	
2214+50.00	2215+75.00			X						125.00									1											
2215+49.47	2226+93.22		X							1118.75								1	1											
2228+79.91	2242+29.91		X							1281.25								1		1										
2242+98.69	2285+54.94		X							4187.50								1		1										
2286+58.99	2375+76.97		X							8892.98								1												
2375+76.97	2378+07.00			X						230.03									1											
2377+31.87	2415+06.87		X							3750.00								1	1											
2414+38.12	2415+06.87			X						0.00								1		1										
2430+61.87	2445+74.37		X							1443.75								1		1										
2446+35.85	2462+10.85		X							1506.25								1		1										
2461+49.37	2462+18.12			X						0.00								1		1										
2465+65.20	2473+87.19		X							771.99								2												
2473+24.66	2473+93.41			X						0.00								1		1										
2477+40.08	2481+56.29		X							366.21								2												
2480+87.54	2481+56.29			X						0.00								1		1										
2483+74.27	2489+84.48		X							585.21								1												
2489+84.48	2493+12.00			X						327.52									1											
2491+96.23	2512+77.48		X							2056.25								1	1											
2512+19.35	2512+88.10			X						0.00								1		1										
2515+10.28	2524+94.78		X							934.50								2												
2524+26.03	2524+94.78			X						0.00								1		1										
2526+21.28	2541+27.53		X							1431.25								1		1										
2542+00.00	2554+69.99		X							1226.24										1										
2554+69.99	2557+00.00			X						230.01									1											
2556+23.63	2582+23.63		X							2556.25									1	1										
2632+20.49	2649+64.24		X							1700.00									1	1										
2648+81.25	2734+50.00		X							8525.00									1	1										
2735+23.17	2823+54.42		X							8762.50								1		1										
2824+43.99	2839+10.00		X							1441.01								1												
2839+10.00	2841+12.74			X						202.74									1											
2840+31.25	2908+50.00		X							6775.00									1	1										
2909+00.00	2936+11.25		X							2667.50										1										
2936+11.25	2938+87.50			X						276.25									1											
2937+63.70	2965+94.95		X							2831.25									1											
TOTALS (This Sheet)										66202.19								24	14	18										
TOTALS										66202.19								73	50	18	44									

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CHECKED: BJP CHECKED: BJP

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DEPARTMENT OF TRANSPORTATION

GUARDRAIL
SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
N.A.	
VERTICAL SCALE	DESIGNATION
N.A.	0501212
SURVEY BOOK	SHEETS
	189 of 196
CONTRACT	PROJECT
R-28940	0501212

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM											SUMP DEPTH	GEOTEXTILES	RIPRAP							TYPE	SLOPE	EA.		
					FT	IN			LFT	LFT		LFT	ELEV.	ELEV.	YR.				CYS		CYS		SYS	TON	IN	SYS	TYPE	TON	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
	Line "A"																																					Notes: Remove Existing Inlet Structures and Pipe End Sections. Backfill Existing Pipes under Mainline with Structure Backfill Type 5.
100	2217+42.14		X		64.5	12		Ex. Beehive Inlet	21.7										0.6	5										1								
101	2220+41.40		X		0.8	12		Ex. Beehive Inlet	62.3										1.8	5										1								
102	2220+41.71		X		64.4	12		Ex. Storm Inlet	31.4										0.9	5										1								
103	2223+41.92	X			62.9	12		Ex. Storm Inlet	64.9										1.9	5										1								
104	2223+41.98		X		64.4	12		Ex. Storm Inlet	55.5										1.6	5										1								
105	2226+41.04	X			62.7	12		Ex. Storm Inlet	44.6										1.3	5										1								
106	2226+41.59		X		64.3	12		Ex. Storm Inlet	65.2										1.9	5										1								
107	2229+40.69	X			62.8	12		Ex. Storm Inlet	47.3										1.4	5										1								
108	2229+41.41		X		64.3	12		Ex. Storm Inlet	66.4										1.9	5										1								
109	2232+30.73	X			62.9	12		Ex. Storm Inlet	56.1										1.6	5										1								
110	2232+40.92		X		64.3	12		Ex. Storm Inlet	56.0										1.6	5										1								
111	2235+41.14		X		0.7	12		Ex. Beehive Inlet	62.2										1.8	5										1								
112	2235+41.29		X		64.2	12		Ex. Storm Inlet	33.9										1.0	5										1								
113	2242+40.55		X		0.8	12		Ex. Beehive Inlet	89.3										2.6	5										1								
114	2250+39.72		X		0.8	12		Ex. Beehive Inlet	93.2										2.7	5										1								
115	2258+40.67	X			87.9			Ex. Beehive Inlet																														
116	2263+47.01		X		0.9	12		Ex. Storm Inlet	15.5										0.5	5										1								
117	2269+37.58		X		1.0	12		Ex. Beehive Inlet	115.3										3.4	5										1								
118	2281+37.53		X		1.4	15		Ex. Beehive Inlet	83.6										3.8	5										1								
119	2284+34.76		X		1.6	12		Ex. Beehive Inlet	86.7										2.5	5										1								
120	2294+36.28		X		1.1	12		Ex. Storm Inlet	76.8										2.2	5										1								
121	2301+64.50		X		2.2	12		Ex. Beehive Inlet	87.9										2.6	5										1								
122	2308+69.30		X		2.5	12		Ex. Beehive Inlet	81.3										2.4	5										1								
123	2316+33.44		X		11.9	12		Ex. Storm Inlet	71.4										2.1	5										1								
124	2325+32.73		X		1.4	12		Ex. Storm Inlet	77.9										2.3	5										1								
125	2333+82.94		X		1.0	12		Ex. Beehive Inlet	75.0										2.2	5										1								
126	2341+32.85		X		0.9	12		Ex. Beehive Inlet	88.3										2.6	5										1								
127	2344+07.27		X		2.7	12		Ex. Storm Inlet																														
128	2347+28.16		X		2.7	12		Ex. Storm Inlet	318.7										9.3	5										1							127	
129	2350+33.36		X		1.1	12		Ex. Storm Inlet	77.6										2.3	5										1								
130	2357+82.91		X		0.8	12		Ex. Beehive Inlet	86.5										2.5	5										1								
131	2366+33.18		X		1.1	12		Ex. Beehive Inlet	77.4										2.3	5										1								
132	2376+82.72	X			8.3	15		Ex. Storm Inlet	64.3										2.9	5										1								
133	2384+32.84		X		0.4	18		Ex. Beehive Inlet	81.1										5.3	5										1								
134	2390+33.10		X		0.9	12		Ex. Beehive Inlet	77.7										2.3	5										1								
135	2401+32.66	X			10.5	15		Ex. Storm Inlet	70.2										3.2	5										1								
136	2409+82.49	X			0.4	12		Ex. Beehive Inlet	83.8										2.4	5										1								
137	2414+92.80	X			1.5	12		Ex. Beehive Inlet	41.7										1.2	5										1								
138	2435+33.24	X			0.6	12		Ex. Beehive Inlet	75.9										2.2	5										1								
139	2439+38.43	X			0.3	12		Ex. Beehive Inlet	71.5										2.1	5										1								
140	2446+35.43	X			0.4	12		Ex. Storm Inlet	76.9										2.2	5										1								
141	2454+32.74	X			0.5	12		Ex. Beehive Inlet	89.1										2.6	5										1								
142	2465+88.78	X			0.5	12		Ex. Beehive Inlet	96.1										2.8	5										1								
143	2481+44.17	X			0.1	12		Ex. Beehive Inlet	41.3										1.2	5										1								
144	2491+33.87	X			0.1	12		Ex. Beehive Inlet	118.5										3.4	5										1								
145	2496+83.83		X		0.0	12		Ex. Beehive Inlet	39.9										1.2	5										1								
146	2500+33.93		X		0.1	12		Ex. Beehive Inlet	88.6										2.6	5										1								
147	2503+83.85		X		0.4	12		Ex. Beehive Inlet	100.4										2.9	5										1								
148	2506+33.94	X			0.1	12		Ex. Beehive Inlet	85.9										2.5	5										1								
149	2509+33.74	X			0.0	12		Ex. Beehive Inlet	89.6										2.6	5										1								
150	2518+34.34		X		0.0	12		Ex. Beehive Inlet	110.3										3.2	5										1								
151	2524+84.53	X			1.4	12		Ex. Beehive Inlet	37.5										1.1	5										1								
152	2531+34.41	X			0.1	12		Ex. Beehive Inlet	88.1										2.6	5										1								
153	2537+34.00	X			0.0	12		Ex. Beehive Inlet	85.2										2.5	5										1								
154	2545+34.22	X			0.1	12		Ex. Beehive Inlet	83.3										2.4	5										1								
155	2551+84.40	X			0.2	12		Ex. Beehive Inlet	76.2										2.2	5										1								
156	2558+32.83	X			0.2	12		Ex. Beehive Inlet	81.8										2.4	5										1								
157	2562+83.43	X			0.1	12		Ex. Beehive Inlet	85.2										2.5	5										1								

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DESIGNED: JH DRAWN: DS
CHECKED: WN CHECKED: WN

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE
EXISTING STORM SEWER

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	190 of 196
CONTRACT	PROJECT
R-28940	0501212

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM											SUMP DEPTH	GEOTEXTILES	RIPRAP											
					FT	IN			LFT	LFT		LFT	ELEV.	ELEV.	YR.				CYS		CYS		SYS	TON	IN	SYS	TYPE	TON	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
	Line "A"																																					
158	2569+33.05	X			1.8	12		Ex. Beehive Inlet	78.9										2.3	5										1								Notes: Remove Existing Inlet Structures and Pipe End Sections. Backfill Existing Pipes under Mainline with Structure Backfill Type 5.
159	2640+32.10	X			3.5	12		Ex. Beehive Inlet	81.7										2.4	5										1								
160	2650+36.95	X			4.5	12		Ex. Beehive Inlet	100.1										2.9	5										1								
161	2656+31.59	X			5.9	12		Ex. Beehive Inlet	82.2										2.4	5										1								
162	2663+31.75	X			5.8	12		Ex. Beehive Inlet	76.0										2.2	5										1								
163	2670+31.63	x			6.1	12		Ex. Beehive Inlet	84.7										2.5	5										1								
164	2678+25.03	X			5.7	12		Ex. Beehive Inlet	69.7										2.0	5										1								
165	2685+30.96	X			5.5	12		Ex. Beehive Inlet	79.1										2.3	5										1								
166	2698+43.88	X			5.4	12		Ex. Beehive Inlet	78.8										2.3	5										1								
167	2714+30.75	X			5.1	12		Ex. Storm Inlet	100.5										2.9	5										1								
168	2717+29.89	X			4.5	12		Ex. Beehive Inlet	97.5										2.8	5										1								
169	2719+78.89	X			5.5	12		Ex. Beehive Inlet	75.1										2.2	5										1								
170	2730+63.13	X			3.3	12		Ex. Beehive Inlet	54.0										1.6	5										1								
171	2735+28.02	X			2.6	12		Ex. Beehive Inlet	79.1										2.3	5										1								
172	2747+27.58	X			2.2	12		Ex. Beehive Inlet	78.6										2.3	5										1								
173	2753+92.82	X			2.0	15		Ex. Beehive Inlet	78.7										3.6	5										1								
174	2766+76.57	X			2.1	12		Ex. Beehive Inlet	82.7										2.4	5										1								
175	2781+51.09	X			2.2	12		Ex. Beehive Inlet	76.1										2.2	5										1								
176	2788+25.61	X			1.8			Ex. Beehive Inlet																														
177	2788+33.84	X			2.0	12		Ex. Beehive Inlet	6.7										0.2	5										1							176	
178	2817+54.06	X			1.8	12		Ex. Beehive Inlet	79.2										2.3	5										1								
179	2826+92.11	X			1.5	12		Ex. Beehive Inlet	6.9										0.2	5										1							180	
180	2827+00.51	X			1.5	15		Ex. Beehive Inlet	40.7										1.8	5										1								
181	2842+33.19	X			0.5	15		Ex. Storm Inlet	103.4										4.7	5										1								
182	2849+23.53	X			0.8	12		Ex. Beehive Inlet	77.5										2.3	5										1								
183	2864+24.18	X			0.2	12		Ex. Beehive Inlet	81.1										2.4	5										1								
184	2872+22.66	X			0.3	12		Ex. Beehive Inlet	78.9										2.3	5										1								
185	2900+62.11	X			0.4	12		Ex. Beehive Inlet	79.8										2.3	5										1								
186	2908+22.42		X		0.2	12		Ex. Beehive Inlet	80.8										2.4	5										1								
187	2914+22.43		X		0.1	12		Ex. Beehive Inlet	78.7										2.3	5										1								
188	2918+21.00		X		0.4	12		Ex. Beehive Inlet	87.3										2.5	5										1								
189	2920+22.01		X		0.3	12		Ex. Beehive Inlet	80.8										2.4	5										1								
190	2926+21.75		X		0.6	12		Ex. Beehive Inlet	92.9										2.7	5										1								
191	2933+81.62		X		0.8	12		Ex. Beehive Inlet	14.4										0.4	5										1								
192	2939+01.91		X		0.0	12		Ex. Storm Inlet	79.8										2.3	5										1								
193	2939+92.69		X		1.4	12		Ex. Storm Inlet	89.3										2.6	5										1							192	
194	2945+21.58		X		1.0	12		Ex. Beehive Inlet	78.7										2.3	5										1								
195	2953+22.26		X		3.5	12		Ex. Beehive Inlet	83.4										2.4	5										1								
196	2962+72.39		X		1.5	12		Ex. Beehive Inlet	83.9										2.4	5										1								

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DESIGN ENGINEER DATE

DESIGNED: JH DRAWN: DS
CHECKED: WN CHECKED: WN

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE
EXISTING STORM SEWER

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	191 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDHFS\Road1\Proj\CED\IM16-465\Road\Dwg\Plans\Str. Data Table-Existing Storm Sewer.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM											SUMP DEPTH	GEOTEXTILES	RIPRAP											
					FT	IN			LFT	LFT	DEG	LFT	ELEV.	ELEV.	YR.				CYS		CYS		SYS	TON	IN	SYS	TYPE	TON	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
	Line "A"																																					
200	2231+71.95			x		33 ID		HDPE Liner	317		31		593.35	589.46	75	NA	7.0									37.6	2	27.2										Existing 42" CMP
201	2257+89.71			x		33 ID		HDPE Liner	318		30		591.86	588.71	75	NA	7.0									367.6	1	319.2									204	Existing 42" CMP
202	2258+01.26			x		30	1	Corr. or Smooth Interior	318		34	2.8	592.36	589.21	75	NA	7.0	1	113.0	1										2							204A	
203	2259+47.87	x			223.5	33 ID		HDPE Liner	346				588.71	587.00	75	NA	7.0																					Existing 42" CMP
204	2259+55.71	x			217.3	30	1	Corr. or Smooth Interior	346				589.21	587.50	75	NA	7.0													2								
205	2263+70.31			x		27 ID		HDPE Liner	291		30		588.29	582.24	75	NA	7.0									349.0	2	364.1										Existing 36" CMP
206	2263+81.84			x		24	1	Corr. or Smooth Interior	291		30	1.0	588.79	582.74	75	NA	7.0	1	48.4	1										2								
207	2269+02.76			x				Existing 24" Culvert	212										24.7	5																		Abandon and Backfill, Remove 2 Headwalls
208	2269+07.76			x		36	1	Corr. or Smooth Interior	212			1.1	581.85	579.23	75	NA	7.0	1	74.1	1			24.1	12.0	3					2								
209	2277+74.61		x		86.6			Existing 24" CMP																														To Remain in Place
210	2282+14.12		x		85.1			Existing 24" RCP																														To Remain in Place
211	2305+05.69			x		48 ID		HDPE Liner	210				576.31	574.92	75	NA	7.0									62.5	1	44.4										Existing 60" CMP
212	2343+32.20			x				Existing 18" RCP	154										10.1	5																		Abandon and Backfill, Remove 1 Headwall
213	2343+37.20			x		36	1	Corr. or Smooth Interior	154			1.0	626.46	624.57	75	NA	7.0	1	71.6	1			24.1	12.0	3					1						1		
214	2353+27.67			x		42 ID		HDPE Liner	187		20		629.37	627.58	75	NA	7.0									56.3	2	45.0					1					Ex. 54" CMP, Remove End Sect.
215	2377+66.02		x		73.0			Existing 24" CMP																														To Remain in Place
216	2377+84.26	x			80.8			Existing 24" CMP																														To Remain in Place
217	2386+22.54			x		60 ID		HDPE Liner	244		23		602.88	597.70	75	NA	7.0									411.6	2	435.6										Existing 72" CMP
218	2386+33.39			x		24	1	Corr. or Smooth Interior	244		23	13.2	603.38	598.20	75	NA	7.0													2								Jack and Bore
219	2389+90.33			x		27 ID		HDPE Liner	223		30		603.85	598.60	75	NA	7.0									29.5	2	20.0										Existing 36" CMP
220	2494+59.43			x				Existing 24" RCP	174										20.2	5																		Abandon and Backfill, Remove 2 Headwalls
221	2494+64.43			x		36	1	Corr. or Smooth Interior	174			1.8	578.73	577.79	75	NA	7.0	1	92.8	1			24.1	12.0	3					2								
222	2501+60.72			x		34 x 59		CIPP Liner	234		15		577.40	577.35	75	NA	7.0						275.0	182.5														Existing 40" x 65" CMP
223	2501+68.47			x		34 x 59		CIPP Liner	234		15		577.56	577.51	75	NA	7.0																					Existing 40" x 65" CMP
224	2560+48.39			x		60		HDPE Liner	213		38		582.79	582.38	75	NA	7.0									85.7	1	64.0										Existing 72" CMP
225	2567+83.35			x				Existing 18" CMP	171										11.2	5																		Abandon and Backfill, Remove 1 End Section
226	2567+88.35			x		36	1	Corr. or Smooth Interior	171			1.0	596.08	592.09	75	NA	7.0	1	71.6	1			24.1	12.0	3					2								
227	2588+31.82	x			72.3	60 ID		HDPE Liner	164				577.28	577.13	75	NA	7.0									85.7	1	64.0										Existing 72" CMP
228	2258+33.16		x		81.1	60 ID		HDPE Liner	124				577.21	577.00	75	NA	7.0						80.2	48.0														Existing 72" CMP
229	2619+32.36		x		87.4	37 x 62		CIPP Liner	77				578.48	578.48	75	NA	7.0						66.5	38.9									1					2 - Existing 40" x 65" CMP, Remove 3 End Sections
230	2619+32.50	x			79.2	37 x 62		CIPP Liner	142				578.40	578.40	75	NA	7.0									71.3	1	51.8					2					
231	2639+60.78			x				Existing 30" DI																		661.4	1	595.4										To Remain in Place
232	2639+74.00			x				Existing 20" x 34" Liner	255																													Remove Structure 30 x 34 Liner and Existing 38 x 57 CMP
233	2639+74.00			x		37 x 58	1	Corr. or Smooth Interior	255		45	1.6	579.86	579.66	75	NA	7.0	1	182.2	1					6								2					
234	2639+81.97			x				Existing 20" x 34" Liner	255																													Remove Structure 30 x 34 Liner and Existing 33 x 49 CMP
235	2639+81.97			x		37 x 58	1	Corr. or Smooth Interior	255		45	1.6	579.86	579.66	75	NA	7.0	1	182.2	1					6								2					
236	2656+83.57			x				Existing 30" CMP	174										31.6	5																		Abandon and Backfill, Remove 2 End Sections
237	2656+88.88			x		36	1	Corr. or Smooth Interior	174		20	1.0	600.36	598.47	75	NA	7.0	1	76.0	1			24.1	12.0	3					1						1		
238	2657+24.89		x		111.8			Existing 30" CMP																														To Remain in Place
239	2666+04.67			x		54 ID		HDPE Liner	291		30		596.09	594.03	75	NA	7.0									78.6	2	67.2										Existing 66" CMP
240	2667+31.41		x		116.5			Existing 24" CMP																														To Remain in Place
241	2677+90.72		x		116.2			Existing 24" CMP																														To Remain in Place
242	2677+91.16			x				Existing 24" CMP	159										18.5	5																		Abandon and Backfill, Remove 2 Headwalls
243	2677+96.16			x		36	1	Corr. or Smooth Interior	159			4.2	610.94	609.17	75	NA	7.0	1	159.4	1			24.1	12.0	3					1						1		
244	2679+05.54		x		115.6			Existing 30" CMP																														To Remain in Place
245	2680+20.90			x				Existing 30" CMP	234										34.0	5																		Abandon and Backfill, Remove 2 Headwalls
246	2680+29.38			x		36	1	Corr. or Smooth Interior	234		45	6.6	613.05	611.18	75	NA	7.0	1	324.2	1			24.1	12.0	3					1						1		
247	2698+67.90			x				Existing 24" CMP	171										19.9	5																		Abandon and Backfill, Remove 2 Headwalls
248	2698+73.41			x		36	1	Corr. or Smooth Interior	171		25	1.0	636.08	628.64	75	NA	7.0	1	78.9	1			24.1	12.0	3											2		
249	2715+79.28			x		115 x 193		CIPP Liner	216				586.08	586.07	75	NA	7.0									552.2	2	597.7										Existing 119 x 197 SSPA
250	2730+62.23		x		62.4			Existing 12" RCP																														To Remain in Place
251	2731+07.86			x				Existing 30" CMP	187										27.2	5																		Abandon and Backfill, Remove 2 Headwalls
252	2731+14.48			x		36	1	Corr. or Smooth Interior	187		25	6.6	601.84	598.63	75	NA	7.0	1	253.2	1			24.1	12.0	3					1						1		
253	2737+19.07			x				Existing 24" CMP	178										20.7	5																		Abandon and Backfill, Remove 2 Headwalls
254	2737+24.07			x		36	1	Corr. or Smooth Interior	178			7.1	603.79	598.58	75	NA	7.0	1	244.9	1			24.1	12.0	3					2								
255	2741+08.10			x				Existing 18" CMP	166										10.9	5																		Abandon and Backfill, Remove 2 Headwalls
256	2741+13.10			x		36	1	Corr. or Smooth Interior	166			6.0	606.49	604.33	75	NA	7.0	1	211.8	1			24.1	12.0	3					1						1		

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STRUCTURE DATA TABLE
SMALL STRUCTURES

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	192 of 196
CONTRACT	PROJECT
R-28940	0501212

File Name: \\UCSDWFS\Road1\Proj\CED\WK16-465\Road\Dwg\Plans\Str Data Table - Small Structures.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM											SUMP DEPTH	GEOTEXTILES	RIPRAP				TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
					FT	IN			LFT	LFT	DEG	LFT	ELEV.	ELEV.	YR.				CYS		CYS		SYS	TON	IN	SYS	TYPE	TON	LFT	EA.								
	Line "A"																																					
257	2757+97.36			x		114 x 178		Ex. SSPA w/Paved Invert	190																													To Remain in Place
258	2775+60.87			x				Existing 24" x 36" CMP	171										29.8	5																		Abandon and Backfill, Remove 1 End Section
259	2775+67.08			x		36	1	Corr. or Smooth Interior	171		15	1.2	598.84	597.07				1	79.6	1			24.1	12.0	3					1						1		
260	2780+14.86			x		30 ID		HDPE Liner	183		30		596.15	594.62												169.4	1	137.7								2		Existing 36" CMP, Remove 2 End Sections
261	2780+21.78			x		24	1	Corr. or Smooth Interior	183		30	2.7	596.65	595.12				1	86.8	1															2		
262	2788+25.85			x				Existing 24" CMP	161										18.7	5																		Abandon and Backfill
263	2788+30.85			x		36	1	Corr. or Smooth Interior	161			3.6	590.45	590.14				1	142.4	1			24.1	12.0	3											2		
264	2794+95.77			x				Existing 54" HDPE Liner	167																													To Remain in Place
265	2795+05.52			x				Existing 54" HDPE Liner	167																													To Remain in Place
266	2808+75.96			x				Existing 18" CMP	207										13.5	5																		Abandon and Backfill, Remove 2 Headwalls
267	2808+81.73			x		36	1	Corr. or Smooth Interior	207		30	4.7	612.43	603.31				1	200.4	1			24.1	12.0	3					1						1		
268	2855+36.54			x		27 ID		HDPE Liner	224		8		617.91	612.73												170.3	2	164.4										Existing 36" CMP
269	2855+42.60			x		18	1	Corr. or Smooth Interior	224		8	6.6	618.41	613.23				1	138.5	1										2								
270	2864+93.18			x				Existing 18" RCP	169										11.1	5																		Abandon and Backfill, Remove 2 End Sections
271	2864+98.34			x		36	1	Corr. or Smooth Interior	169		15	2.9	623.14	620.26				1	127.0	1			24.1	12.0	3											2		
272	2870+08.27			x				Existing 48" CIPP Liner	282																													To Remain in Place
273	2873+33.13			x				Existing 24" RCP	255										29.7	5																		Abandon and Backfill, Remove 1 Headwall and 1 End Section
274	2873+40.24			x		36	1	Corr. or Smooth Interior	255		45	4.1	625.10	615.30				1	223.5	1			24.1	12.0	3					2								
275	2897+62.12			x				Existing 24" CMP	172										20.0	5																		Abandon and Backfill, Remove 2 End Sections
276	2897+67.19			x		36	1	Corr. or Smooth Interior	172		10	2.0	638.72	636.50				1	99.8	1			24.1	12.0	3					2								
277	2899+92.72			x				Existing 24" CMP	169										19.7	5																		Abandon and Backfill, Remove 2 End Sections
278	2899+97.72			x		36	1	Corr. or Smooth Interior	169			5.3	634.75	634.32				1	191.1	1			24.1	12.0	3					2								
279	2917+02.53			x				Existing 60" HDPE Liner	209		22																											To Remain in Place
280	2933+03.33	x			163.1			Existing 30" DI																		939.9	1	860.4										To Remain in Place
281	2933+14.18	x			165.8			Ex. 16" x 24" HDPE Liner	97																													Remove Existing Structure
282	2933+14.18	x			165.8	38 x 57	1	Corr. or Smooth Interior	97			7.2	634.29	634.10				1	106.9	1					6													
283	2933+19.87	x			167.3			Ex. 16" x 24" HDPE Liner	97																													Remove Existing Structure
284	2933+19.87	x			167.3	38 x 57	1	Corr. or Smooth Interior	97			7.2	634.29	634.10				1	106.9	1					6													
285	2933+48.56			x				Existing 30" DI															693.2	481.3														To Remain in Place
286	2933+58.35			x				Ex. 16" x 24" HDPE Liner	184																													Remove Existing Structure
287	2933+58.35			x		38 x 57	1	Corr. or Smooth Interior	184		15	1.0	635.18	634.35				1	111.0	1					6													
288	2933+64.37			x				Ex. 16" x 24" HDPE Liner	184																													Remove Existing Structure
289	2933+64.37			x		38 x 57	1	Corr. or Smooth Interior	184		15	1.0	635.18	634.35				1	111.0	1					6													
290	2934+03.40		x		203.3			Existing 30" DI	114														624.7	432.0														To Remain in Place
291	2934+12.75		x		202.6			Ex. 16" x 24" HDPE Liner	114																													Remove Existing Structure
292	2934+12.75		x		202.6	38 x 57	1	Corr. or Smooth Interior	114		26	6.8	638.07	637.13				1	141.3	1					6													
293	2934+17.92		x		201.4			Ex. 16" x 24" HDPE Liner	114																													Remove Existing Structure
294	2934+17.92		x		201.4	38 x 57	1	Corr. or Smooth Interior	114		26	6.8	638.07	637.13				1	141.3	1					6													

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DESIGNED: MA DRAWN: DS

CHECKED: WN CHECKED: WN

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DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE
SMALL STRUCTURES

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	193 of 196
CONTRACT	PROJECT
R-28940	0501212

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	SLOTTED DRAIN	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM											SUMP DEPTH	GEOTEXTILES	RIPRAP											
					FT	IN			LFT	LFT		LFT	ELEV.	ELEV.	YR.				CYS		CYS		SYS	TON	IN	SYS	TYPE	TON	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
300	2214+60	X				18	2	Mod. P-12 Inlet	77			1	602.26	601.11	75	NA	7.0	1	11.29	1			14.8	4.7												1		
301	2222+50	X				18	2	Mod. P-12 Inlet	76			1	618.05	616.91	75	NA	7.0	1	11.29	1			44.8	19.7												1		
302	2232+00	X				18	2	Mod. P-12 Inlet	74			1	620.40	619.29	75	NA	7.0	1	11.29	1			58.8	26.7												1		
303	2239+00	X				18	2	Mod. P-12 Inlet	89			1	605.40	604.07	75	NA	7.0	1	13.20	1			17.8	6.2						1								
304	2246+00	X				18	2	Mod. P-12 Inlet	86			1	600.74	599.85	75	NA	7.0	1	13.20	1			14.8	4.7						1								
305	2253+00		X			18	2	Mod. P-12 Inlet	119			1	598.64	596.86	75	NA	7.0	1	16.07	1			19.8	7.2						1								
306	2260+00	X				18	2	Mod. P-12 Inlet	87			1	593.50	592.20	75	NA	7.0	1	11.29	1			14.8	4.7												1		
307	2267+00	X				18	2	Mod. P-12 Inlet	134			1	586.08	584.07	75	NA	7.0	1	17.22	1			18.8	6.7						1								
308	2274+00	X				18	2	Mod. P-12 Inlet	96			1	578.66	577.22	75	NA	7.0	1	12.82	1			17.3	5.4						1								
309	2281+05	X				18	2	Mod. P-12 Inlet	95			1	572.11	572.69	75	NA	7.0	1	12.80	1			17.2	5.2						1								Flanking Inlet
310	2281+30	X				18	2	Mod. P-12 Inlet	120			1	572.07	570.27	75	NA	7.0	1	11.29	1			14.8	4.7						1								Sag Location
311	2282+40	X				18	2	Mod. P-12 Inlet	110			1	571.96	570.31	75	NA	7.0	1	11.29	1			14.8	4.7						1								Flanking Inlet
312	2282+68	X				18	2	Mod. P-12 Inlet	131			1	571.86	569.90	75	NA	7.0	1	11.29	1			14.8	4.7						1								Sag Location
313	2282+78					18	2	P-12 Inlet	10			1	571.87	571.86	75	NA	7.0																				312	Sag Location
314	2283+00	X				18	2	Mod. P-12 Inlet	131			1	571.86	569.90	75	NA	7.0	1	11.29	1			14.8	4.7						1								
315	2287+00		X			18	2	Mod. P-12 Inlet	87			1	573.58	572.28	75	NA	7.0	1	11.29	1			39.8	17.2						1								Sag Location
316	2286+75		X			18	2	Mod. P-12 Inlet	85			1	573.68	572.40	75	NA	7.0	1	11.29	1			14.8	4.7						1								Flanking Inlet
317	2292+50	X				18	2	Mod. P-12 Inlet	73			1	578.11	577.02	75	NA	7.0	1	11.29	1			14.8	4.7												1		
	2297+50		X							1250																												
318	2298+50	X				18	2	Mod. P-12 Inlet	80			1	582.77	581.57	75	NA	7.0	1	11.29	1			14.8	4.7												1		
319	2304+50	X				18	2	Mod. P-12 Inlet	69			1	589.90	588.87	75	NA	7.0	1	11.29	1			38.8	16.7												1		
320	2310+50		X			18	2	Mod. P-12 Inlet	87			1	597.05	595.75	75	NA	7.0	1	11.29	1			14.8	4.7												1		
321	2316+50	X				18	2	Mod. P-12 Inlet	75			1	604.01	602.81	75	NA	7.0	1	11.29	1			14.8	4.7						1								
322	2322+50	X				18	2	Mod. P-12 Inlet	77			1	609.90	608.75	75	NA	7.0	1	11.29	1			37.8	16.2												1		
323	2328+50		X			18	2	Mod. P-12 Inlet	73			1	615.29	614.20	75	NA	7.0	1	11.29	1			22.8	8.7						1								
324	2334+50	X				18	2	Mod. P-12 Inlet	75			1	620.07	618.95	75	NA	7.0	1	11.29	1			14.8	4.7												1		
325	2340+50		X			18	2	Mod. P-12 Inlet	87			1	624.39	623.09	75	NA	7.0	1	11.29	1			22.8	8.7						1								
326	2346+40	X				18	2	Mod. P-12 Inlet	80			1	628.64	627.44	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
327	2346+65	X				18	2	Mod. P-12 Inlet	82				628.92	627.69	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
328	2352+00	X				18	2	Mod. P-12 Inlet	73			1	632.67	631.58	75	NA	7.0	1	11.29	1			22.8	8.7						1								
329	2362+00	X				18	2	Mod. P-12 Inlet	75			1	632.94	631.82	75	NA	7.0	1	11.29	1			20.8	7.7												1		
330	2367+00	X				18	2	Mod. P-12 Inlet	80			1	629.24	628.04	75	NA	7.0	1	11.29	1			14.8	4.7												1		
331	2372+00	X				18	2	Mod. P-12 Inlet	80			1	625.54	624.34	75	NA	7.0	1	11.29	1			14.8	4.7												1		
332	2376+75	X				18	2	Mod. P-12 Inlet	80			1	622.01	620.81	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
333	2377+00	X				18	2	Mod. P-12 Inlet	80			1	621.84	620.64	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
334	2382+00	X				18	2	Mod. P-12 Inlet	75			1	618.61	617.49	75	NA	7.0	1	11.29	1			14.8	4.7												1		
335	2387+50	X				18	2	Mod. P-12 Inlet	74			1	616.02	614.91	75	NA	7.0	1	11.29	1			29.8	12.2												1		
336	2393+00		X			18	2	Mod. P-12 Inlet	80			1	613.59	612.39	75	NA	7.0	1	11.29	1			14.8	4.7												1		
337	2398+50	X				18	2	Mod. P-12 Inlet	80			1	610.23	609.03	75	NA	7.0	1	11.29	1			14.8	4.7												1		
338	2404+00	X				18	2	Mod. P-12 Inlet	80			1	605.31	604.11	75	NA	7.0	1	11.29	1			14.8	4.7												1		
339	2409+50	X				18	2	Mod. P-12 Inlet	75			1	599.98	598.86	75	NA	7.0	1	11.29	1			15.8	5.2												1		
340	2415+00	X				18	2	Mod. P-12 Inlet	77			1	594.70	593.55	75	NA	7.0	1	11.29	1			53.5	24.2												1		Sag Location - No Flanking
341	2435+00	X				18	2	Mod. P-12 Inlet	73			1	582.43	581.34	75	NA	7.0	1	11.29	1			28.8	11.7												1		
342	2438+85	X				18	2	Mod. P-12 Inlet	73			1	581.63	580.54	75	NA	7.0	1	11.29	1			38.8	16.7												1		Flanking Inlet
343	2439+12	X				18	2	Mod. P-12 Inlet	73			1	581.63	580.54	75	NA	7.0	1	11.29	1			38.8	16.7												1		Sag Location
344	2439+22					18	2	P-12 Inlet	10				581.64	581.63	75	NA	7.0																				343	Sag Location
345	2439+50	X				18	2	Mod. P-12 Inlet	73			1	581.63	580.54	75	NA	7.0	1	11.29	1			38.8	16.7												1		Flanking Inlet
346	2444+50	X				18	2	Mod. P-12 Inlet	73			1	582.38	581.29	75	NA	7.0	1	11.29	1			31.8	13.2												1		
347	2450+00	X				18	2	Mod. P-12 Inlet	73			1	583.31	582.22	75	NA	7.0	1	11.29	1			43.8	19.2						1								
348	2455+50	X				18	2	Mod. P-12 Inlet	74			1	584.25	583.14	75	NA	7.0	1	11.29	1			43.8	19.2												1		
349	2461+00	X				18	2	Mod. P-12 Inlet	73			1	585.19	584.10	75	NA	7.0	1	11.29	1			29.8	12.2												1		
350	2466+50	X				18	2	Mod. P-12 Inlet	75			1	586.12	585.00	75	NA	7.0	1	11.29	1			33.8	14.2												1		
351	2472+00	X				18	2	Mod. P-12 Inlet	86			1	587.05	585.76	75	NA	7.0	1	13.20	1			43.8	19.2						1								
352	2481+25	X				18	2	Mod. P-12 Inlet	86			1	586.71	585.42	75	NA	7.0	1	11.29	1			43.8	19.2						1								Flanking Inlet
353	2481+50	X				18	2	Mod. P-12 Inlet	87			1	586.67	585.37	75	NA	7.0	1	13.39	1			35.8	15.2						1								Sag Location
354	2491+55		X			18	2	Mod. P-12 Inlet	92			1	582.71	581.33	75	NA	7.0	1	13.39	1			35.8	15.2						1								Flanking Inlet
355	2491+80		X			18	2	Mod. P-12 Inlet	95			1	582.55	581.13	75	NA	7.0	1	13.20	1			101.7	208.8						1								Sag Location
356	2496+25	X				18	2	Mod. P-12 Inlet	75			1	580.90	579.78	75	NA	7.0	1	11.29	1			14.8	4.7						1								Flanking Inlet
357	2496+49					18	2	P-12 Inlet	10				580.88	580.87	75	NA	7.0																				358	Sag Location

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MA DRAWN: DS

CHECKED: WN CHECKED: WN

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE
PROPOSED STORM SEWER

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	194 of 196
CONTRACT	PROJECT
R-28940	0501212

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	SLOTTED DRAIN	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM											SUMP DEPTH	GEOTEXTILES	RIPRAP											
					FT	IN			LFT	LFT		LFT	ELEV.	ELEV.	YR.				CYS		CYS		SYS	TON	IN	SYS	TYPE	TON	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
358	2496+59	X				18	2	Mod. P-12 Inlet	75			1	580.87	579.75	75	NA	7.0	1	11.29	1			14.8	4.7						1								Sag Location
359	2496+85	X				18	2	Mod. P-12 Inlet	75			1	580.88	579.76	75	NA	7.0	1	11.29				14.8	4.7						1								Flanking Inlet
360	2502+50	X				18	2	Mod. P-12 Inlet	94			1	586.27	584.86	75	NA	7.0	1	14.73	1			43.8	19.2						1								
361	2508+50	X				18	2	Mod. P-12 Inlet	90			1	601.22	599.87	75	NA	7.0	1	13.20	1			43.8	19.2						1								
362	2519+50	X				18	2	Mod. P-12 Inlet	74			1	601.94	600.83	75	NA	7.0	1	11.29	1			31.8	13.2												1		
363	2524+75	X				18	2	Mod. P-12 Inlet	75			1	588.95	587.82	75	NA	7.0	1	11.29	1			18.8	6.7												1		Flanking Inlet
364	2525+00	X				18	2	Mod. P-12 Inlet	75			1	588.65	587.53	75	NA	7.0	1	11.29	1			18.8	6.7												1		Sag Location
365	2528+65	X				18	2	Mod. P-12 Inlet	77			1	585.36	584.20	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
366	2528+92	X				18	2	Mod. P-12 Inlet	79			1	585.21	584.03	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
367	2529+02					18	2	P-12 Inlet	10			1	585.22	585.21	75	NA	7.0																				366	Sag Location
368	2529+25	X				18	2	Mod. P-12 Inlet	79			1	585.35	584.16	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
369	2534+50	X				18	2	Mod. P-12 Inlet	83			1	585.37	584.13	75	NA	7.0	1	11.29	1			14.8	4.7						1								
370	2540+00	X				18	2	Mod. P-12 Inlet	83			1	585.53	584.29	75	NA	7.0	1	11.29	1			14.8	4.7						1								
371	2545+50	X				18	2	Mod. P-12 Inlet	83			1	585.69	584.45	75	NA	7.0	1	11.29	1			14.8	4.7						1								
372	2551+00	X				18	2	Mod. P-12 Inlet	80			1	585.84	584.64	75	NA	7.0	1	11.29	1			14.8	4.7												1		
373	2557+30	X				18	2	Mod. P-12 Inlet	80			1	586.03	584.83	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
374	2557+55	X				18	2	Mod. P-12 Inlet	80			1	586.30	858.10	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
375	2562+50	X				18	2	Mod. P-12 Inlet	82			1	588.40	587.17	75	NA	7.0	1	11.29	1			14.8	4.7						1								
376	2567+50		X			18	2	Mod. P-12 Inlet	78			1	596.67	595.50	75	NA	7.0	1	11.29	1			31.8	13.2												1		
377	2572+50	X				18	2	Mod. P-12 Inlet	80			1	606.51	605.31	75	NA	7.0	1	11.29	1			14.8	4.7												1		
378	2640+00	X				18	2	Mod. P-12 Inlet	80			1	582.26	581.06	75	NA	7.0	1	11.29	1			14.8	4.7												1		
379	2645+00	X				18	2	Mod. P-12 Inlet	80			1	584.67	583.47	75	NA	7.0	1	11.29	1			14.8	4.7												1		
380	2650+65		X			18	2	Mod. P-12 Inlet	80			1	591.85	590.65	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
381	2650+90		X			18	2	Mod. P-12 Inlet	80			1	592.01	590.81	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
382	2657+50		X			18	2	Mod. P-12 Inlet	80			1	602.47	601.27	75	NA	7.0	1	11.29	1			14.8	4.7												1		
383	2664+50	X				18	2	Mod. P-12 Inlet	82			1	607.40	606.17	75	NA	7.0	1	11.29	1			37.8	16.2												1		
384	2671+50		X			18	2	Mod. P-12 Inlet	74			1	609.51	608.40	75	NA	7.0	1	11.29	1			14.8	4.7												1		
385	2678+50		X			18	2	Mod. P-12 Inlet	68			1	617.01	615.99	75	NA	7.0	1	11.29	1			21.8	8.2												1		
386	2685+50	X				18	2	Mod. P-12 Inlet	80			1	633.00	631.80	75	NA	7.0	1	11.29	1			14.8	4.7												1		
387	2700+50		X			18	2	Mod. P-12 Inlet	70			1	633.67	632.62	75	NA	7.0	1	11.29	1			18.8	6.7												1		
388	2708+50	X				18	2	Mod. P-12 Inlet	81			1	614.85	613.64	75	NA	7.0	1	11.29	1			58.8	26.7						1								
389	2716+15	X				18	2	Mod. P-12 Inlet	80			1	603.76	602.56	75	NA	7.0	1	11.29	1			48.8	21.7						1								Flanking Inlet
390	2716+41	X				18	2	Mod. P-12 Inlet	80			1	603.74	602.54	75	NA	7.0	1	11.29	1			48.8	21.7						1								Sag Location
391	2716+51					18	2	P-12 Inlet	10			1	603.75	603.74	75	NA	7.0																				390	Sag Location
392	2716+75	X				18	2	Mod. P-12 Inlet	80			1	603.77	602.57	75	NA	7.0	1	11.29	1			48.8	21.7						1								Flanking Inlet
393	2720+50	X				18	2	Mod. P-12 Inlet	80			1	605.16	603.96	75	NA	7.0	1	11.29	1			14.8	4.7												1		
394	2724+50	X				18	2	Mod. P-12 Inlet	80			1	606.76	605.56	75	NA	7.0	1	11.29	1			14.8	4.7												1		
395	2728+50	X				18	2	Mod. P-12 Inlet	80			1	608.36	607.16	75	NA	7.0	1	11.29	1			14.8	4.7												1		
396	2732+50	X				18	2	Mod. P-12 Inlet	76			1	609.96	608.82	75	NA	7.0	1	11.29	1			43.8	19.2												1		
397	2736+50	X				18	2	Mod. P-12 Inlet	75			1	611.56	610.44	75	NA	7.0	1	11.29	1			33.8	14.2												1		
398	2740+50	X				18	2	Mod. P-12 Inlet	74			1	613.16	612.05	75	NA	7.0	1	11.29	1			28.8	11.7												1		
399	2749+00	X				18	2	Mod. P-12 Inlet	80			1	610.37	609.17	75	NA	7.0	1	11.29	1			14.8	4.7												1		
400	2755+50	X				18	2	Mod. P-12 Inlet	76			1	602.33	601.19	75	NA	7.0	1	11.29	1			37.8	16.2												1		
401	2761+55	X				18	2	Mod. P-12 Inlet	77			1	598.92	597.77	75	NA	7.0	1	11.29	1			28.8	11.7												1		Flanking Inlet
402	2761+83	X				18	2	Mod. P-12 Inlet	77			1	598.91	597.76	75	NA	7.0	1	11.29	1			28.8	11.7												1		Sag Location
403	2761+93					18	2	P-12 Inlet	10				598.92	598.91	75	NA	7.0																				402	Sag Location
404	2762+20	X				18	2	Mod. P-12 Inlet	77			1	598.93	597.78	75	NA	7.0	1	11.29	1			28.8	11.7												1		Flanking Inlet
405	2765+00	X				18	2	Mod. P-12 Inlet	85			1	599.43	598.16	75	NA	7.0	1	11.29	1			14.8	4.7						1								
406	2768+00	X				18	2	Mod. P-12 Inlet	80			1	600.03	598.83	75	NA	7.0	1	11.29	1			14.8	4.7												1		
407	2771+00	X				18	2	Mod. P-12 Inlet	80			1	600.63	599.43	75	NA	7.0	1	11.29	1			14.8	4.7												1		
408	2779+50	X				18	2	Mod. P-12 Inlet	80			1	599.70	598.50	75	NA	7.0	1	11.29	1			43.8	19.2												1		
409	2784+50	X				18	2	Mod. P-12 Inlet	76			1	596.96	595.82	75	NA	7.0	1	11.29	1			43.8	19.2												1		
410	2789+10	X				18	2	Mod. P-12 Inlet	79			1	594.88	593.70	75	NA	7.0	1	11.29	1			26.8	10.7												1		Flanking Inlet
411	2789+34	X				18	2	Mod. P-12 Inlet	79			1	594.87	593.69	75	NA	7.0	1	11.29	1			26.8	10.7												1		Sag Location
412	2789+44					18	2	P-12 Inlet	10				594.88	594.87	75	NA	7.0																				411	Sag Location
413	2789+70	X				18	2	Mod. P-12 Inlet	79			1	594.89	593.71	75	NA	7.0	1	11.29	1			26.8	10.7												1		Flanking Inlet
414	2796+50	X				18	2	Mod. P-12 Inlet	74			1	601.19	600.08	75	NA	7.0	1	11.29	1			28.8	11.7												1		
415	2803+50	X				18	2	Mod. P-12 Inlet	77			1	611.13	609.98	75	NA	7.0	1	11.29	1			29.8	12.2												1		
416	2817+00	X				18	2	Mod. P-12 Inlet	80			1	611.88	610.68	75	NA	7.0	1	11.29	1			14.8	4.7												1		

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MA DRAWN: DS

CHECKED: WN CHECKED: WN

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE
PROPOSED STORM SEWER

HORIZONTAL SCALE	BRIDGE FILE
N/A	-
VERTICAL SCALE	DESIGNATION
N/A	0501212
SURVEY BOOK	SHEETS
-	195 of 196
CONTRACT	PROJECT
R-28940	0501212

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	SLOTTED DRAIN	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION				VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE				COVER	UP STREAM	DOWN STREAM											SUMP DEPTH	GEOTEXTILES	RIPRAP											
					FT	IN			LFT	LFT		LFT	ELEV.	ELEV.	YR.				CYS		CYS		SYS	TON	IN	SYS	TYPE	TON	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.		
417	2823+00	X				18	2	Mod. P-12 Inlet	77			1	601.21	600.06	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
418	2826+95	X				18	2	Mod. P-12 Inlet	80			1	598.53	597.33	75	NA	7.0	1	11.29	1																1		Flanking Inlet
419	2827+19	X				18	2	Mod. P-12 Inlet	80			1	598.51	597.31	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
420	2827+29					18	2	P-12 Inlet	10				598.53	598.51	75	NA	7.0																				419	Sag Location
421	2827+55	X				18	2	Mod. P-12 Inlet	80				598.54	597.34	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
422	2832+00	X				18	2	Mod. P-12 Inlet	80			1	602.83	601.63	75	NA	7.0	1	11.29	1			14.8	4.7												1		
423	2837+00	X				18	2	Mod. P-12 Inlet	80			1	610.28	609.08	75	NA	7.0	1	11.29	1			14.8	4.7												1		
424	2841+50		X			18	2	Mod. P-12 Inlet	80			1	616.19	614.99	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
425	2841+75		X			18	2	Mod. P-12 Inlet	80			1	616.42	815.22	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
426	2847+00	X				18	2	Mod. P-12 Inlet	106			1	621.26	619.67	75	NA	7.0	1	11.29	1			14.8	4.7						1								
427	2852+50	X				18	2	Mod. P-12 Inlet	80			1	623.96	622.76	75	NA	7.0	1	11.29	1			14.8	4.7												1		
428	2858+00	X				18	2	Mod. P-12 Inlet	81			1	625.26	624.05	75	NA	7.0	1	11.29	1			14.8	4.7						1								
429	2863+50	X				18	2	Mod. P-12 Inlet	80			1	626.58	625.38	75	NA	7.0	1	11.29	1			14.8	4.7												1		
430	2869+00	X				18	2	Mod. P-12 Inlet	74			1	628.30	627.19	75	NA	7.0	1	11.29	1			25.8	10.2												1		
431	2874+50	X				18	2	Mod. P-12 Inlet	80			1	630.58	629.38	75	NA	7.0	1	11.29	1			14.8	4.7												1		
432	2880+00	X				18	2	Mod. P-12 Inlet	80			1	633.40	632.20	75	NA	7.0	1	11.29	1			14.8	4.7												1		
433	2885+50	X				18	2	Mod. P-12 Inlet	80			1	636.66	635.46	75	NA	7.0	1	11.29	1			14.8	4.7												1		
434	2891+00	X				18	2	Mod. P-12 Inlet	80			1	639.96	638.76	75	NA	7.0	1	11.29	1			14.8	4.7												1		
435	2901+50	X				18	2	Mod. P-12 Inlet	80			1	640.21	639.01	75	NA	7.0	1	11.29	1			14.8	4.7												1		
436	2906+00	X				18	2	Mod. P-12 Inlet	80			1	637.96	636.76	75	NA	7.0	1	11.29	1			14.8	4.7												1		
437	2910+50	X				18	2	Mod. P-12 Inlet	79			1	635.71	634.53	75	NA	7.0	1	11.29	1			14.8	4.7												1		
438	2915+00	X				18	2	Mod. P-12 Inlet	80			1	633.48	632.28	75	NA	7.0	1	11.29	1			19.8	7.2												1		
439	2919+40		X			18	2	Mod. P-12 Inlet	79			1	632.47	631.29	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
440	2919+63		X			18	2	Mod. P-12 Inlet	79			1	632.43	631.25	75	NA	7.0	1	11.29	1			14.8	4.7												1		Sag Location
441	2919+73					18	2	P-12 Inlet	10				632.49	632.43	75	NA	7.0																				440	Sag Location
442	2920+00		X			18	2	Mod. P-12 Inlet	79			1	632.50	631.32	75	NA	7.0	1	11.29	1			14.8	4.7												1		Flanking Inlet
443	2924+50	X				18	2	Mod. P-12 Inlet	93			1	633.55	632.35	75	NA	7.0	1	12.43	1			14.8	4.7												1		
444	2929+00	X				18	2	Mod. P-12 Inlet	107			1	635.26	634.06	75	NA	7.0	1	17.22	1			14.8	4.7												1		
445	2933+50	X				18	2	Mod. P-12 Inlet	89			1	636.97	635.64	75	NA	7.0	1	11.29	1			14.8	4.7						1								
446	2939+20	X				18	2	Mod. P-12 Inlet	80			1	639.14	637.94	75	NA	7.0	1	11.29	1			14.8	4.7						1								Sag Location
447	2939+55	X				18	2	Mod. P-12 Inlet	80			1	639.25	638.05	75	NA	7.0	1	11.29	1			14.8	4.7						1								Flanking Inlet
448	2943+50	X				18	2	Mod. P-12 Inlet	80			1	641.16	639.96	75	NA	7.0	1	11.29	1			14.8	4.7						1								
449	2948+00	X				18	2	Mod. P-12 Inlet	107			1	644.11	642.91	75	NA	7.0	1	17.22	1			14.8	4.7						1								
450	2952+50	X				18	2	Mod. P-12 Inlet	84			1	647.23	645.97	75	NA	7.0	1	12.43	1			14.8	4.7						1								
451	2957+00	X				18	2	Mod. P-12 Inlet	79			1	649.65	648.47	75	NA	7.0	1	11.29	1			14.8	4.7												1		
452	2961+50	X				18	2	Mod. P-12 Inlet	78			1	651.46	650.29	75	NA	7.0	1	11.29	1			14.8	4.7												1		

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-	196 of 196
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R-28940	0501212

File Name: \\UCSDHFS\Road1\Proj\C3D\WK15-465\Road\Dwg\Plans\Str Data Table-Proposed Storm Sewer.dwg Plot Date: 4/25/2017 Plotted By: Crossland, Matt