PROJECT	DESIGNATION
1600597	1600597
CONTRACT	BRIDGE FILE
R-39726	N/A

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

276TH STREET PHASE II

PROJECT NO. 1600597 R/W
PROJECT NO. 1600597 CONST.

NEW ROAD CONSTRUCTION, ROAD RECONSTRUCTION AND ROAD REHABILITATION BEGINNING AT A POINT ON 276TH STREET 0.60 MILES WEST OF GWINN ROAD AND EXTENDING NORTH AND EAST TO THE INTERSECTION OF S.R. 19 AND 281ST STREET IN SECTIONS 10, 11, 12, 14 & 15, TOWNSHIP 20 NORTH, RANGE 4 EAST IN JACKSON TOWNSHIP, ALL IN HAMILTON COUNTY, INDIANA.

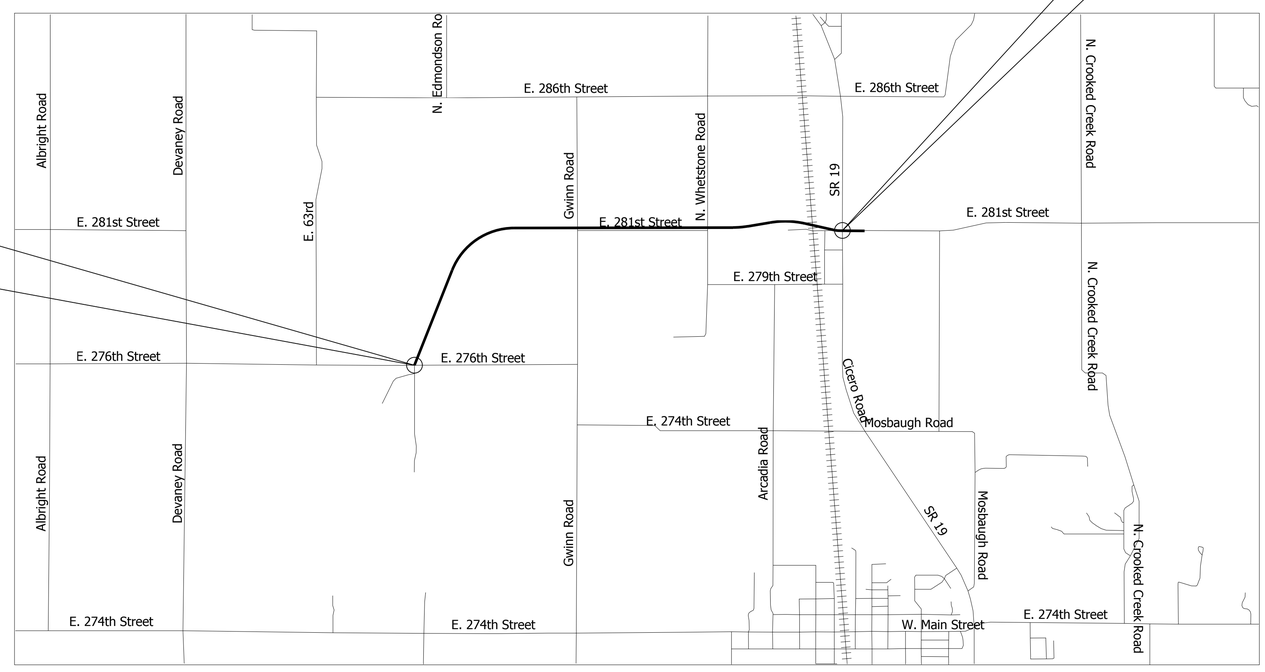
Gross Length: 1.89 MI.

Net Length: 1.89 MI.

Maximum Grade: 3.75 %

END PROJECT NO.
STA. 111+71.97, LINE "F"

BEGIN PROJECT NO.
STA. 10+00.00, LINE "F"



HAMILTON COUNTY

HAMILTON COUNTY BOARD OF COMMISSIONERS

STEVEN C. DILLINGER, PRESIDENT

CHRISTINE ALTMAN

MARK HEIRBRANDT

ATTEST _____ DATE

DAWN COVERDALE, COUNTY AUDITOR

RECOMMENDED FOR APPROVAL _____ DATE

JOEL THURMAN P.E., ACTING HAMILTON COUNTY ENGINEER

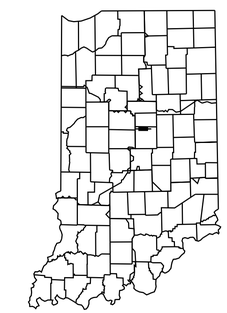
E.R.C. (EMPLOYEE OF RESPONSIBLE CHARGE)

TRAFFIC DATA	LINE "A"
A.A.D.T. (2018)	1320 V.P.D.
A.A.D.T. (2038)	1720 V.P.D.
D.H.V (2038)	172 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	15 % A.A.D.T.
	15 % D.H.V.

DESIGN DATA	STA. 10+00 TO 104+00 LINE "A"
DESIGN SPEED	50 M.P.H.
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL AGENCY COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

DESIGN DATA	STA. 104+00 TO 109+72.61 LINE "A"
DESIGN SPEED	30 M.P.H.
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL AGENCY COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

SEE INDEX SHEET FOR S-LINE TRAFFIC DATA AND DESIGN DATA



PROJECT LOCATION SHOWN BY

BEGIN:	LATITUDE: 40° 11' 25" N	LONGITUDE: 86° 03' 10" W
END:	LATITUDE: 40° 11' 51" N	LONGITUDE: 86° 01' 21" W

SCALE: 1" = 1,500'

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

RQAW
CONSULTING ENGINEERS & ARCHITECTS
RQAW Corporation
10401 North Meridian Street, Suite 401
Indianapolis, Indiana 46290-1158
(317) 815-7200 FAX (317) 815-7201

PLANS PREPARED BY: RQAW Corporation 317-815-7200 PHONE NUMBER

CERTIFIED BY: _____ DATE

APPROVED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION
1600597

SURVEY BOOK	SHEET		
	1	of	158
CONTRACT	PROJECT		
R-39726	1600597		

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 9:52 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\01 TITLE\SHT TITLE.DWG

UTILITIES

UTILITY	OWNER	ADDRESS
Telephone	Frontier Communications Of Indiana	20905 Hague Road Noblesville, IN 46062 Contact: Steve Costlow, steve.costlow@ftr.com Ph.: (317) 984-9010
Electric	Duke Energy	1619 Deffenbaugh Street Kokomo, IN 46902 Contact: Tim Umbaugh, Tim.umbaugh@duke-energy.com Ph.: (765) 349-4012
Cable	Indiana Fiber Network	5520 W. 76th Street Indianapolis, IN. 46268 Contact: Patrick Taylor, PE, pattaylor4353@gmail.com PTHS & Engineering, LLC 5650 Rockway Drive New Palestine, IN 46163 Ph.: (317) 997-6419
Pipe Line	Marathon Pipe Line Company	10722 E. CR 300 N Indianapolis, IN 46234 Contact: Greg Newman, Adv. Senior R/W Specialist gcnewman@marathonpetroleum.com 20-C Industrial Drive Lexington, OH 44904 Ph.: (419) 564-8826
Private Utilities	Beck's Hybrids	6767 E. 276th Street Atlanta, IN 46031 Contact: Brad Fruth, Sr. Network/Systems Engineer brad@beckshybrids.com Office: (317) 984-3508 Direct: (317) 984-1001 Mobile: (317) 753-1014 Contact: Cory Robinson, Project Coordinator crobinson@beckshybrids.com Office: (317) 565-4119 Mobile: (317) 374-2098
Water	Town of Atlanta Utilities	PO Box 133 Atlanta, IN 46031 Contact: Clint Jones clint_jones@comcast.net Office: (765) 292-2626
Cable	Comcast Northeast	9750 E 150th Street, Suite 1600 Noblesville, IN 46063 Contact: Timothy Gipson timothy_gipson@cable.comcast.com Office: (317) 219-5090
Power	Duke Energy	1619 Deffenbaugh Street Kokomo, IN 46902 Contact: Connie Maus connie.maus@duke-energy.com Office: (765) 454-6180
Power	Duke Energy	390 N. Main Street Martinsville, IN 46151 Contact: Tim Umbaugh tim.umbaugh@duke-energy.com Office: (765) 349-4012
Fiber	Indiana Fiber Network, LLC	5520 W. 76th Street Indianapolis, IN 46268 Contact: Keith Hamm khamm@ifncom.net Office: (317) 777-7119
Fiber	PTHS & Engineering	5650 Rockway Drive New Palestine, IN 46163 Contact: Patrick Taylor pattaylor4353@gmail.com Office: (317) 997-6419
Fiber	Clay County Rural Tele DBA Endeavor Communications	2 S. West Street Cloverdale, IN 46120 Contact: Kurt Spelbring kspelbring@weEndeavor.com Office: (765) 795-4261

GENERAL NOTES

**	This set of Plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivision or section corner information are shown, they are based on physical evidence or testimony.
**	These plans show the location of the utilities as existing in the field by the respective utility companies; therefore, the firm of RQAW Corporation does not accept any responsibility for the accuracy of this information.
**	In accordance with Indiana Code 8-1, Chapter 26, the Contractor shall notify the Indiana Underground Plant Protection Service at 1-800-382-5544 at least two (2) full working days prior to any excavation or demolition.

** REPRESENTS GENERAL NOTES REQUIRED

REVISIONS

SHEET NO.	DATE	REVISED

Communications	Frontier	20905 Hague Road Noblesville, IN 46062 Contact: Stephen Costlow steve.costlow@ftr.com Office: (317) 984-9010
Private	Beck's Hybrids	6727 E. 276th Street Atlanta, IN 46031 Contact: Brad Fruth brad@beckshyprids.com Office: (317) 984-3508
Private	Beck's Hybrids	6727 E. 276th Street Atlanta, IN 46031 Contact: Cory Robinson crobinson@beckshyprids.com Office: (317) 565-4119

INDEX

SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3 - 7	TYPICAL CROSS SECTIONS
8	PLAT NO. 1
9 - 14	MAINTENANCE OF TRAFFIC
15 - 27	PLAN AND PROFILE SHEETS
28 - 29	SUPERELEVATION DIAGRAMS
30 - 33	GEOMETRIC DETAILS
34 - 36	CONSTRUCTION DETAILS
37 - 51	PAVEMENT MARKING SHEETS
52	STRUCTURE DATA TABLES
53 - 123	CROSS SECTION SHEETS - LINE "F"
124 - 149	CROSS SECTION SHEETS - LINE "PR-A"
150 - 156	CROSS SECTION SHEETS - LINE "PR-G"
157 - 158	CROSS SECTION SHEETS - LINE "D"

TRAFFIC DATA — LINE "PR-A"

A.A.D.T.	(2018)	1435 V.P.D.
A.A.D.T.	(2038)	2135 V.P.D.
D.H.V	(2038)	215 V.P.H.
DIRECTIONAL DISTRIBUTION		50 %
TRUCKS		15 % A.A.D.T.
		15 % D.H.V.

DESIGN DATA — STA. 222+85.65 TO STA. 252+93.16 "PR-A"

DESIGN SPEED	45 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL AGENCY COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

TRAFFIC DATA — LINE "PR-G"

A.A.D.T.	(2018)	970 V.P.D.
A.A.D.T.	(2038)	1,445 V.P.D.
D.H.V	(2038)	145 V.P.H.
DIRECTIONAL DISTRIBUTION		50 %
TRUCKS		7.5 % A.A.D.T.
		7.5 % D.H.V.

DESIGN DATA

DESIGN SPEED	55 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL AGENCY COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

CALL 811 OR 1-800-382-5544
24 HOURS A DAY,
SEVEN DAYS A WEEK

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: D.K. DRAWN: K..R.U.
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
.	N/A
VERTICAL SCALE	DESIGNATION
.	1600597
SURVEY BOOK	SHEET
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CONTRACT	PROJECT
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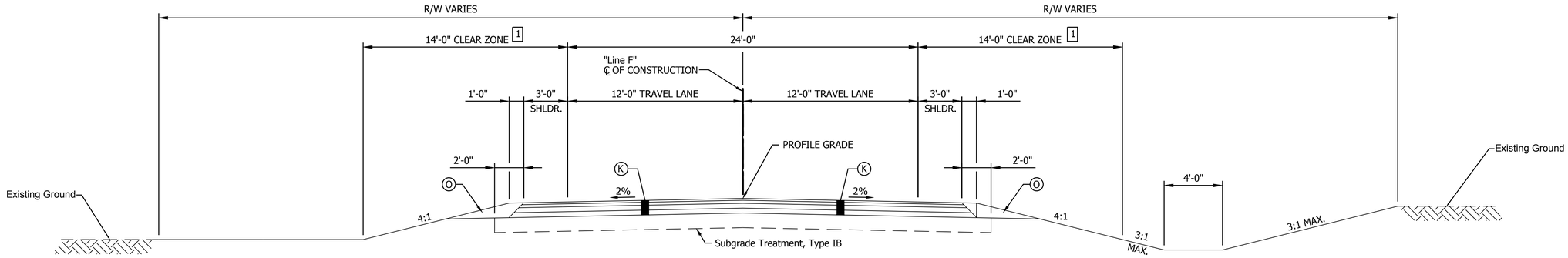
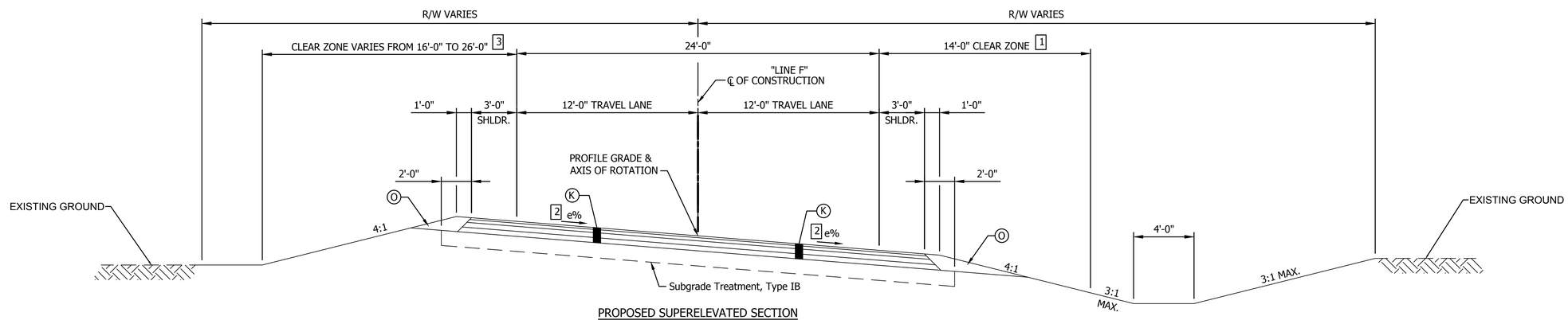
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:25 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\02 INDEX\SHT INDEX.DWG



PROPOSED TANGENT SECTION

STA. 13+37.72 "F" TO P.C. 30+08.03 "F"
P.T. 45+68.36 "F" TO P.C. 88+70.84 "F"
P.T. 91+61.69 "F" TO P.C. 96+08.34 "F"
P.T. 102+92.22 "F" TO P.C. 109+00.25 "F"
P.T. 109+74.42 "F" TO STA. 105+85.00 "F"

1 Clear zone is 20'-0" from sta. 13+26.73 to sta. 83+00.00



PROPOSED SUPERELEVATED SECTION

(CURVES TO THE RIGHT, REVERSE FOR CURVES TO THE LEFT)
P.C. 30+08.03 "F" TO P.T. 45+68.36 "F"
P.C. 88+70.84 "F" TO P.T. 91+61.69 "F"
P.C. 96+08.34 "F" TO P.T. 102+92.22 "F"
P.C. 109+00.25 "F" TO P.T. 109+74.42 "F"

2 See sheets XX for superelevation transition details

3 See cross sections

NOTES

Tack coat to be placed between HMA layers.

Joint Adhesive to be installed at all longitudinal joints in the surface and intermediate layers.

Liquid asphalt sealant to be placed centered on the longitudinal joints.

LEGEND

- K Full Depth Asphalt Pavement, 165 LB/SYD QC/QA HMA, 2, 64, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 64, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 64, Base 19 mm, on 3" Compacted Aggregate Base, No. 53
- K2 1.5" Milling and Overlay, 165 LB/SYD QC/QA HMA, 3, 64, Surface 9.5 mm, on 1-1/2" Milling
- 13 Concrete Curb, 6"
- O Compacted Aggregate, No. 53
- 14 Combined Curb and Gutter
- 15 Combined Curb and Gutter, Type B
- 22 Decorative Concrete, 6" on 4" Compacted Aggregate No. 53
- 23 Concrete Center Curb Type D
- 26 Sodding (Nursery)
- 27 Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: LLC DRAWN: AJF
CHECKED: DCK CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
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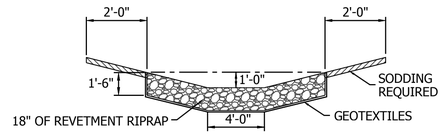
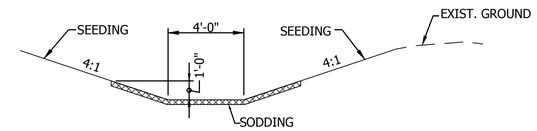
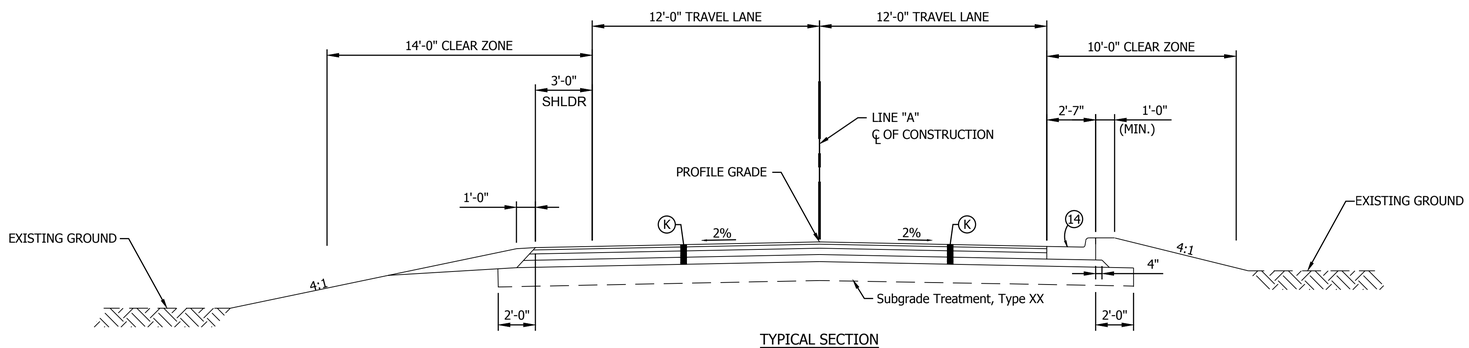


RIRAP DITCH DETAIL
NOT TO SCALE



DITCH SODDING DETAIL
NOT TO SCALE



TYPICAL SECTION
STA. 105+85.00 "A" TO STA. 111+54.58 "F"

NOTES

Tack coat to be placed between HMA layers.

Joint Adhesive to be installed at all longitudinal joints in the surface and intermediate layers.

Liquid asphalt sealant to be placed centered on the longitudinal joints.

LEGEND

- (K) Full Depth Asphalt Pavement, 165 LB/SYD QC/QA HMA, 2, 64, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 64, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 64, Base 19 mm, on 3" Compacted Aggregate Base, No. 53
- (K2) 1.5" Milling and Overlay, 165 LB/SYD QC/QA HMA, 3, 64, Surface 9.5 mm, on 1-1/2" Milling
- (13) Concrete Curb, 6"
- (O) Compacted Aggregate, No. 53
- (14) Combined Curb and Gutter
- (15) Combined Curb and Gutter, Type B
- (22) Decorative Concrete, 6" on 4" Compacted Aggregate No. 53
- (23) Concrete Center Curb Type D
- (26) Sodding (Nursery)
- (27) Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: LLC DRAWN: AJF

CHECKED: DCK CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
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CONTRACT	PROJECT
R-39726	1600597

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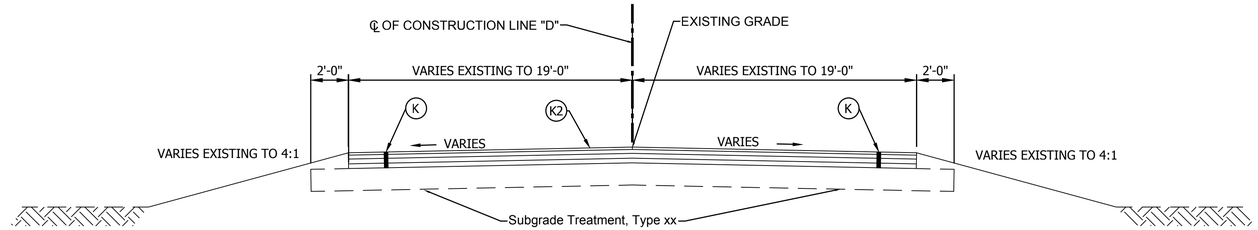
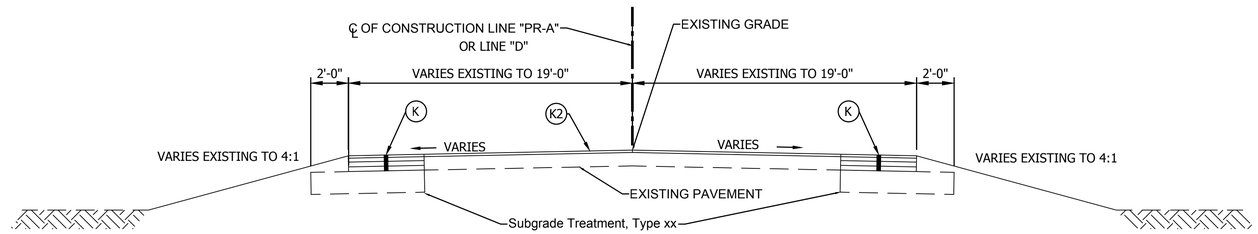


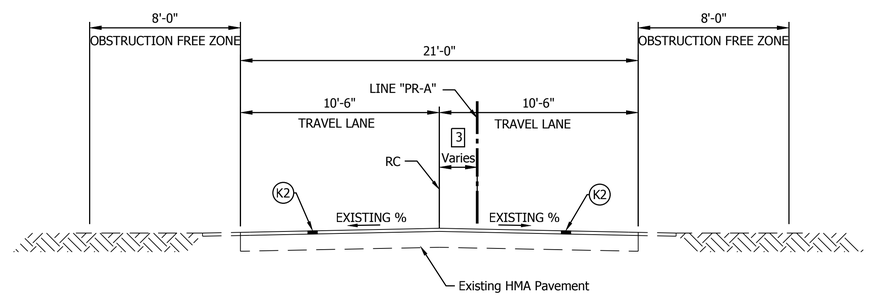
TYPICAL SECTION

STA. 10+89.58 TO P.C. 12+04.83 LINE "D"



INCIDENTAL CONSTRUCTION

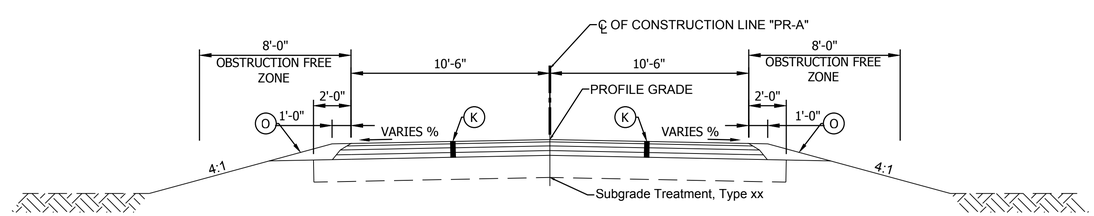
STA. 216+71.41 TO STA. 217+31.39 "PR-A"
STA. 222+88.65 TO STA. 223+88.65 "PR-A"
STA. 10+00.00 TO STA. 10+89.58 LINE "D"



TYPICAL SECTION

STA. 223+88.65 TO STA. 251+00.00 "PR-A"

3 See cross sections



TYPICAL SECTION

STA. 251+00.00 TO STA. 252+93.16 "PR-A"

NOTES

Tack coat to be placed between HMA layers.

Joint Adhesive to be installed at all longitudinal joints in the surface and intermediate layers.

Liquid asphalt sealant to be placed centered on the longitudinal joints.

LEGEND

- (K) Full Depth Asphalt Pavement, 165 LB/SYD QC/QA HMA, 2, 64, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 64, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 64, Base 19 mm, on 3" Compacted Aggregate Base, No. 53
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- (15) Combined Curb and Gutter, Type B
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- (23) Concrete Center Curb Type D
- (26) Sodding (Nursery)
- (27) Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: LLC DRAWN: AJF

CHECKED: DCK CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "PR-A" & LINE "D"

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
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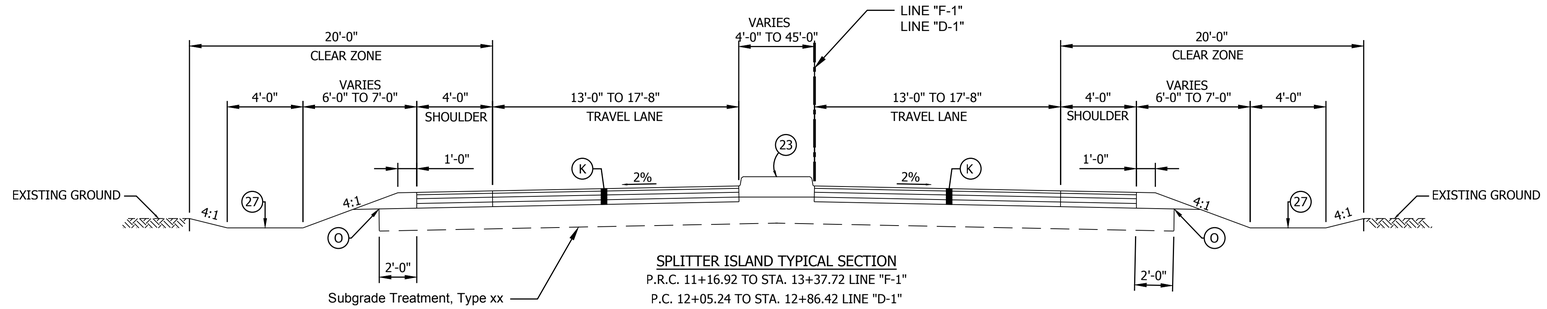
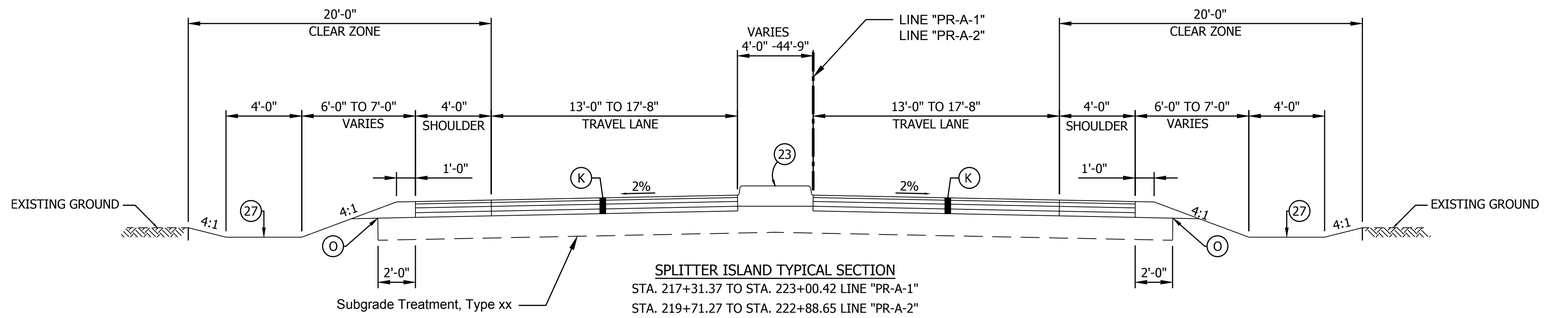
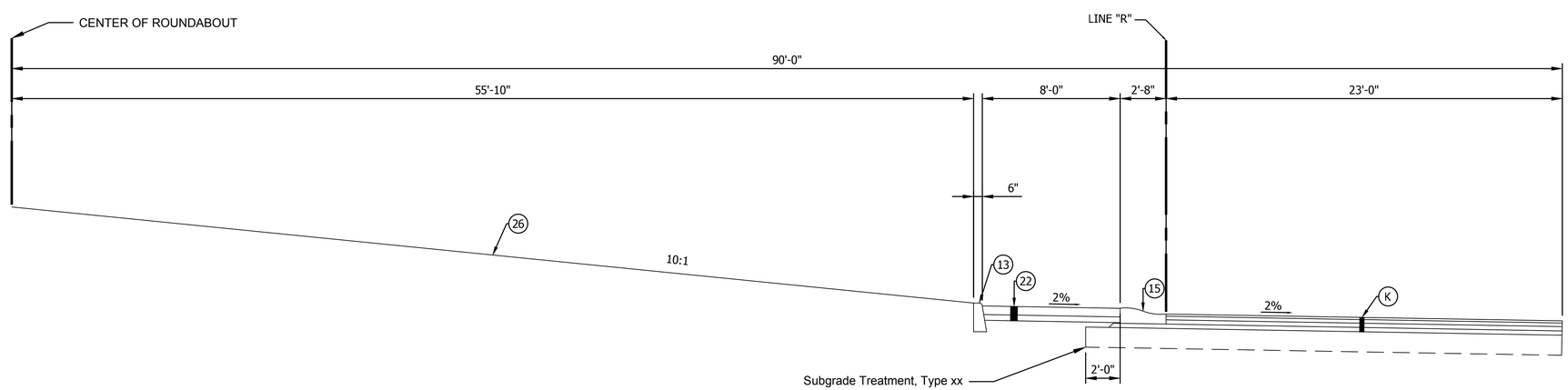


SPLITTER ISLAND TYPICAL SECTION
P.R.C. 11+16.92 TO STA. 13+37.72 LINE "F-1"
P.C. 12+05.24 TO STA. 12+86.42 LINE "D-1"



SPLITTER ISLAND TYPICAL SECTION
STA. 217+31.37 TO STA. 223+00.42 LINE "PR-A-1"
STA. 219+71.27 TO STA. 222+88.65 LINE "PR-A-2"



TYPICAL SECTION IN ROUNDABOUT
P.O.C 0+00.00 TO P.O.C 4+64.96 "LINE R"

NOTES

Tack coat to be placed between HMA layers.

Joint Adhesive to be installed at all longitudinal joints in the surface and intermediate layers.

Liquid asphalt sealant to be placed centered on the longitudinal joints.

LEGEND

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- (O) Compacted Aggregate, No. 53
- (14) Combined Curb and Gutter
- (15) Combined Curb and Gutter, Type B
- (22) Decorative Concrete, 6" on 4" Compacted Aggregate No. 53
- (23) Concrete Center Curb Type D
- (26) Sodding (Nursery)
- (27) Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: LLC | DRAWN: AJF
CHECKED: DCK | CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
SPLITTER ISLANDS

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
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CONTRACT	PROJECT
R-39726	1600597

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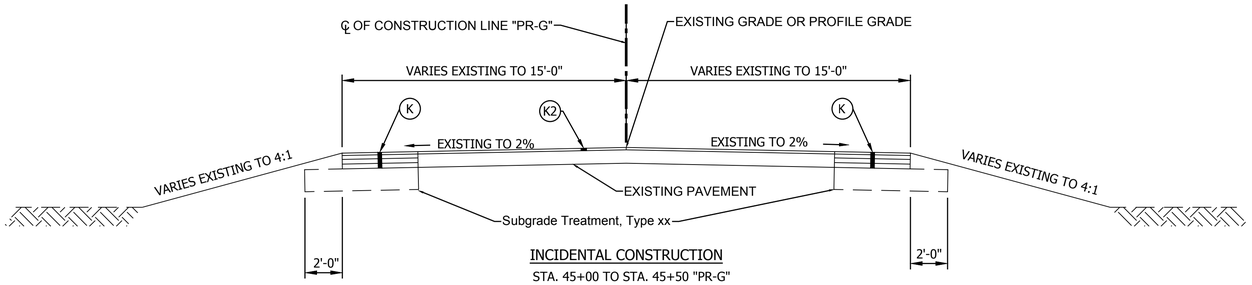
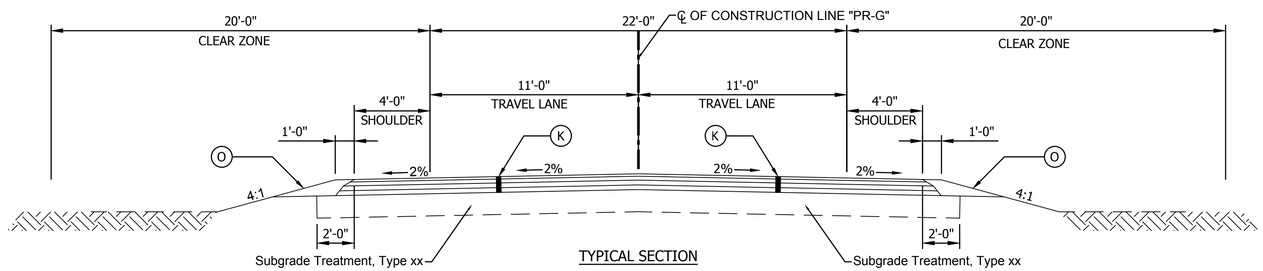


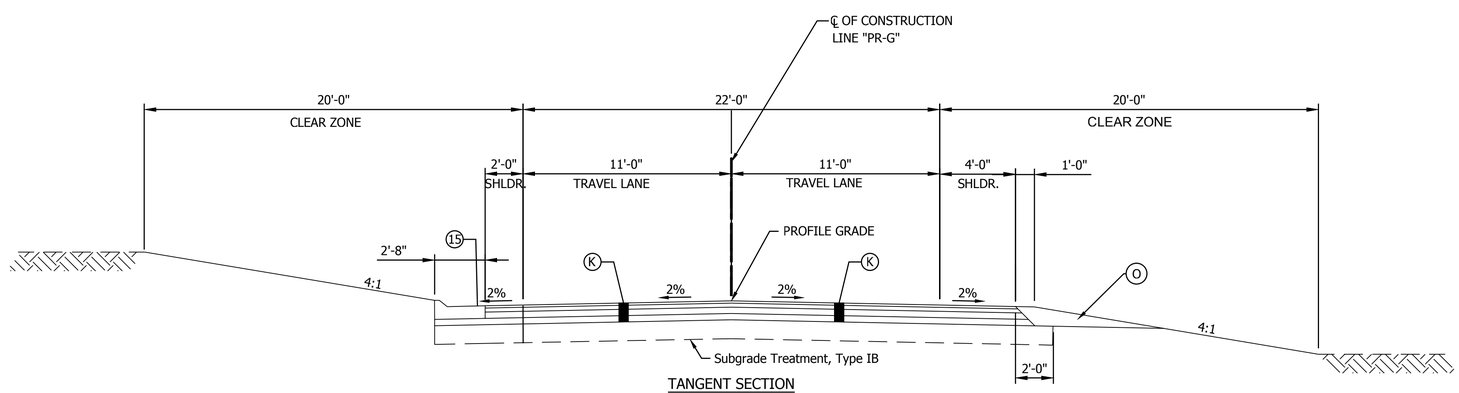
INCIDENTAL CONSTRUCTION

STA. 45+00 TO STA. 45+50 "PR-G"
STA. 51+50 TO STA. 52+00 "PR-G"



TYPICAL SECTION

STA. 45+50 TO STA. 46+50 "PR-G"
STA. 50+50 TO STA. 51+50 "PR-G"



TANGENT SECTION

STA. 46+50.00 TO STA. 50+50.00 "PR-G"

NOTES

Tack coat to be placed between HMA layers.

Joint Adhesive to be installed at all longitudinal joints in the surface and intermediate layers.

Liquid asphalt sealant to be placed centered on the longitudinal joints.

LEGEND

- (K) Full Depth Asphalt Pavement, 165 LB/SYD QC/QA HMA, 2, 64, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 64, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 64, Base 19 mm, on 3" Compacted Aggregate Base, No. 53
- (K2) 1.5" Milling and Overlay, 165 LB/SYD QC/QA HMA, 3, 64, Surface 9.5 mm, on 1-1/2" Milling
- (13) Concrete Curb, 6"
- (O) Compacted Aggregate, No. 53
- (14) Combined Curb and Gutter
- (15) Combined Curb and Gutter, Type B
- (22) Decorative Concrete, 6" on 4" Compacted Aggregate No. 53
- (23) Concrete Center Curb Type D
- (26) Sodding (Nursery)
- (27) Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: LLC DRAWN: AJF

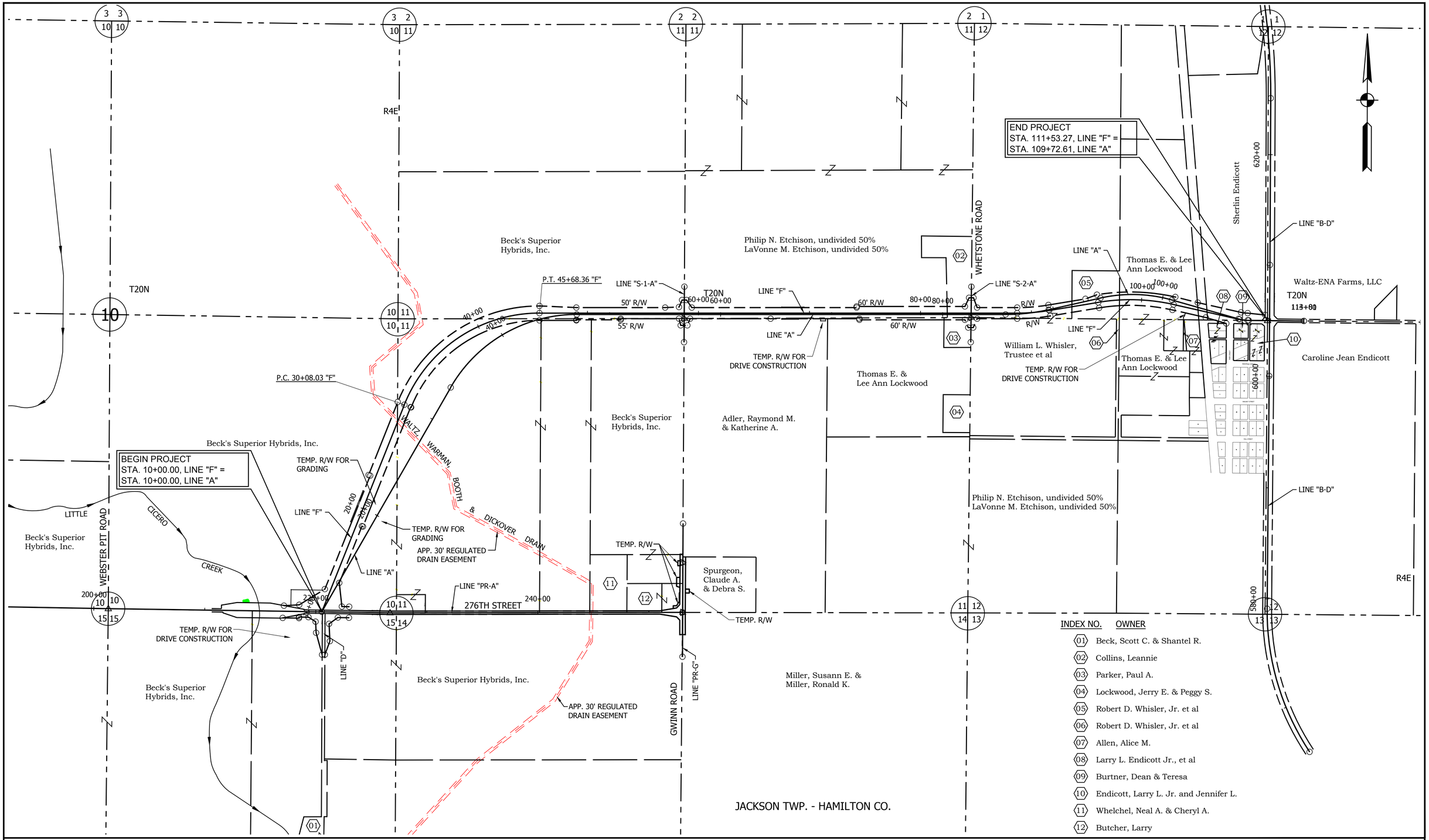
CHECKED: DCK CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "PR-G"

HORIZONTAL SCALE	BRIDGE FILE
1/2"=1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	7 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 9:02 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\03 TYPICALS\HT TYPICALS.DWG



INDEX NO.	OWNER
01	Beck, Scott C. & Shantel R.
02	Collins, Leannie
03	Parker, Paul A.
04	Lockwood, Jerry E. & Peggy S.
05	Robert D. Whisler, Jr. et al
06	Robert D. Whisler, Jr. et al
07	Allen, Alice M.
08	Larry L. Endicott Jr., et al
09	Burtner, Dean & Teresa
10	Endicott, Larry L. Jr. and Jennifer L.
11	Whelchel, Neal A. & Cheryl A.
12	Butcher, Larry

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: D.K. DRAWN: K.R.U.

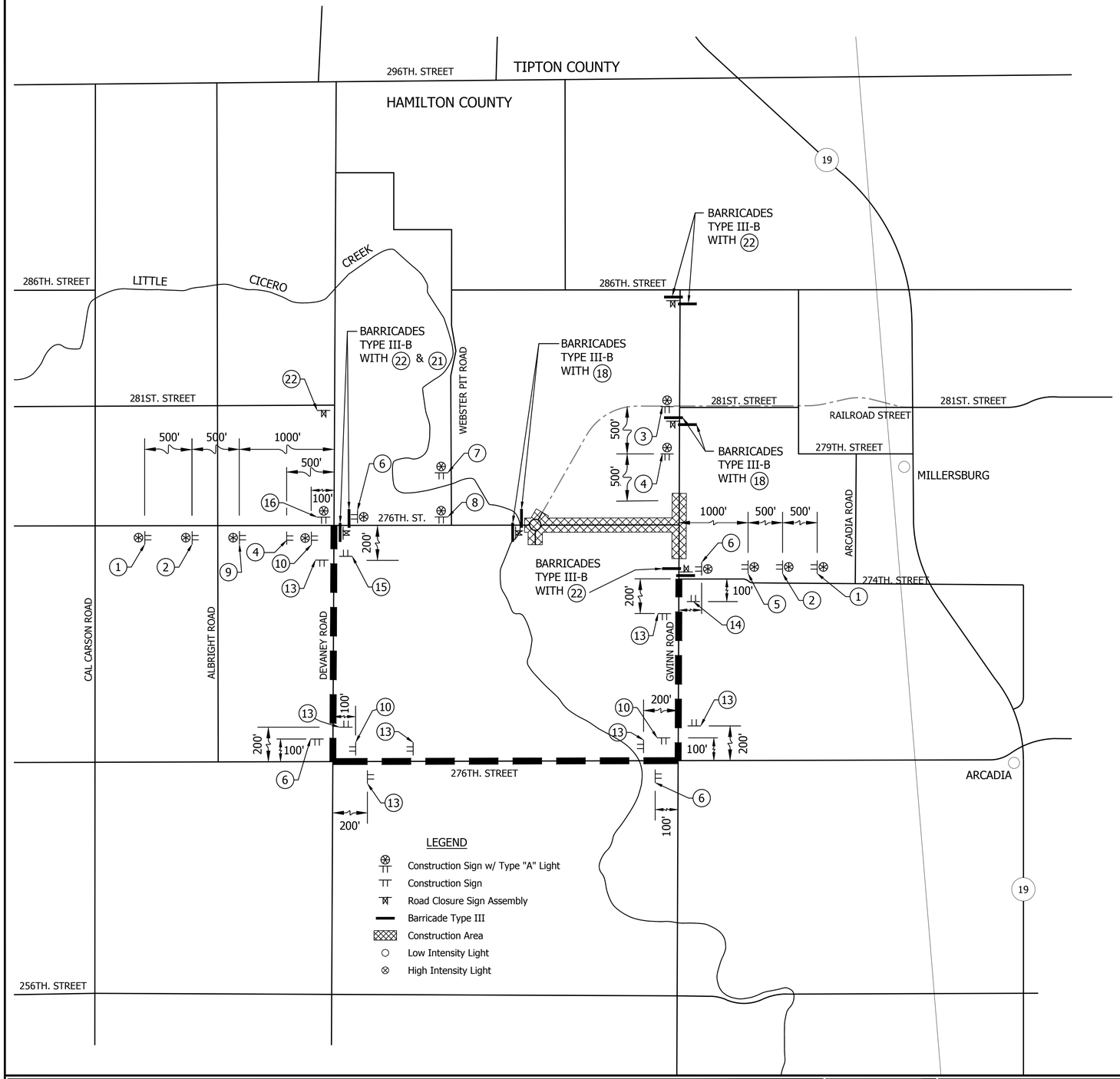
CHECKED: L.L.C. CHECKED: L.L.C.

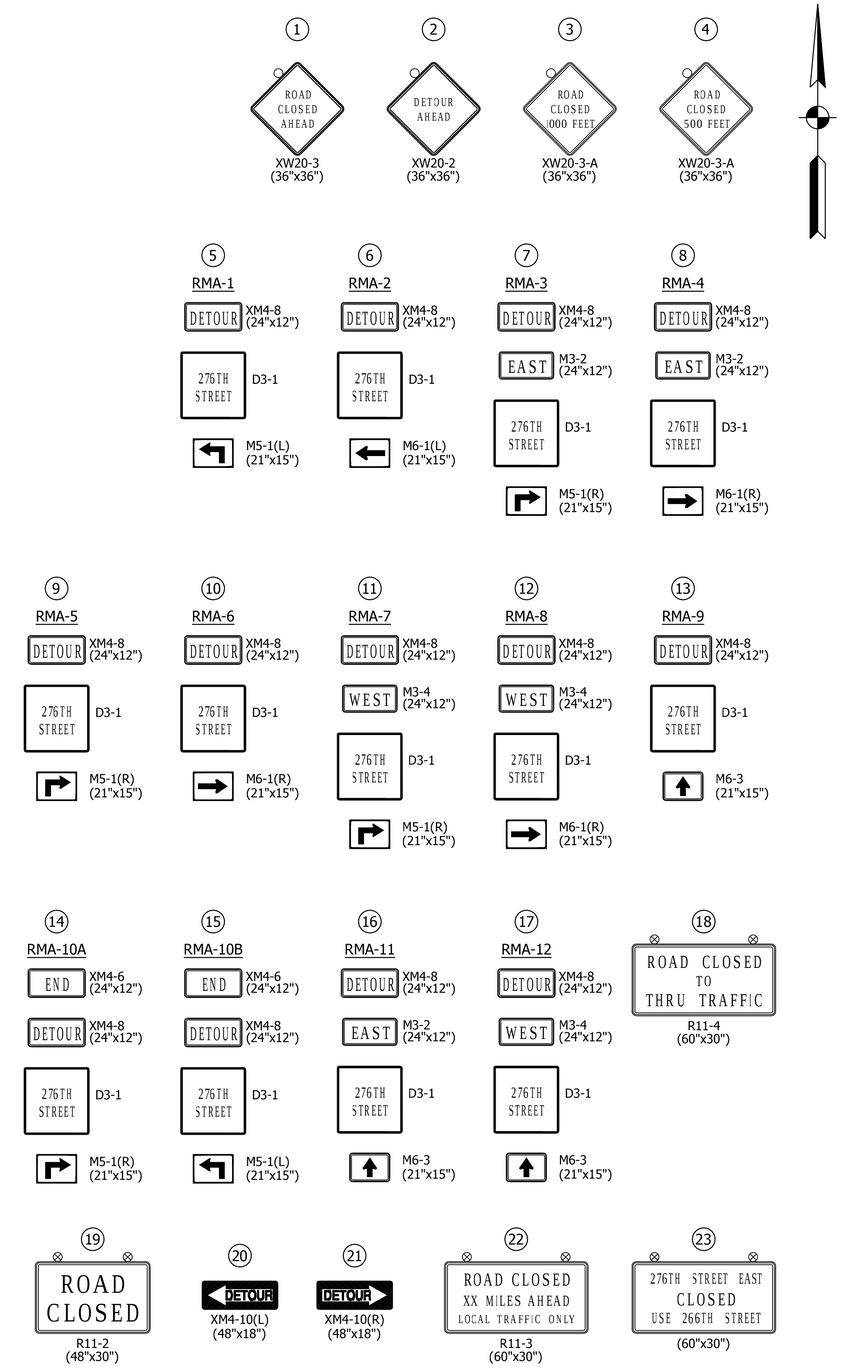
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
STA. 10+00.00 TO 111+53.27 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 400'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	8 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:32 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\04 PLAT 1\SHT PLAT1 276TH II-A_01.DWG





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: D.C.K. DRAWN: K.R.U.

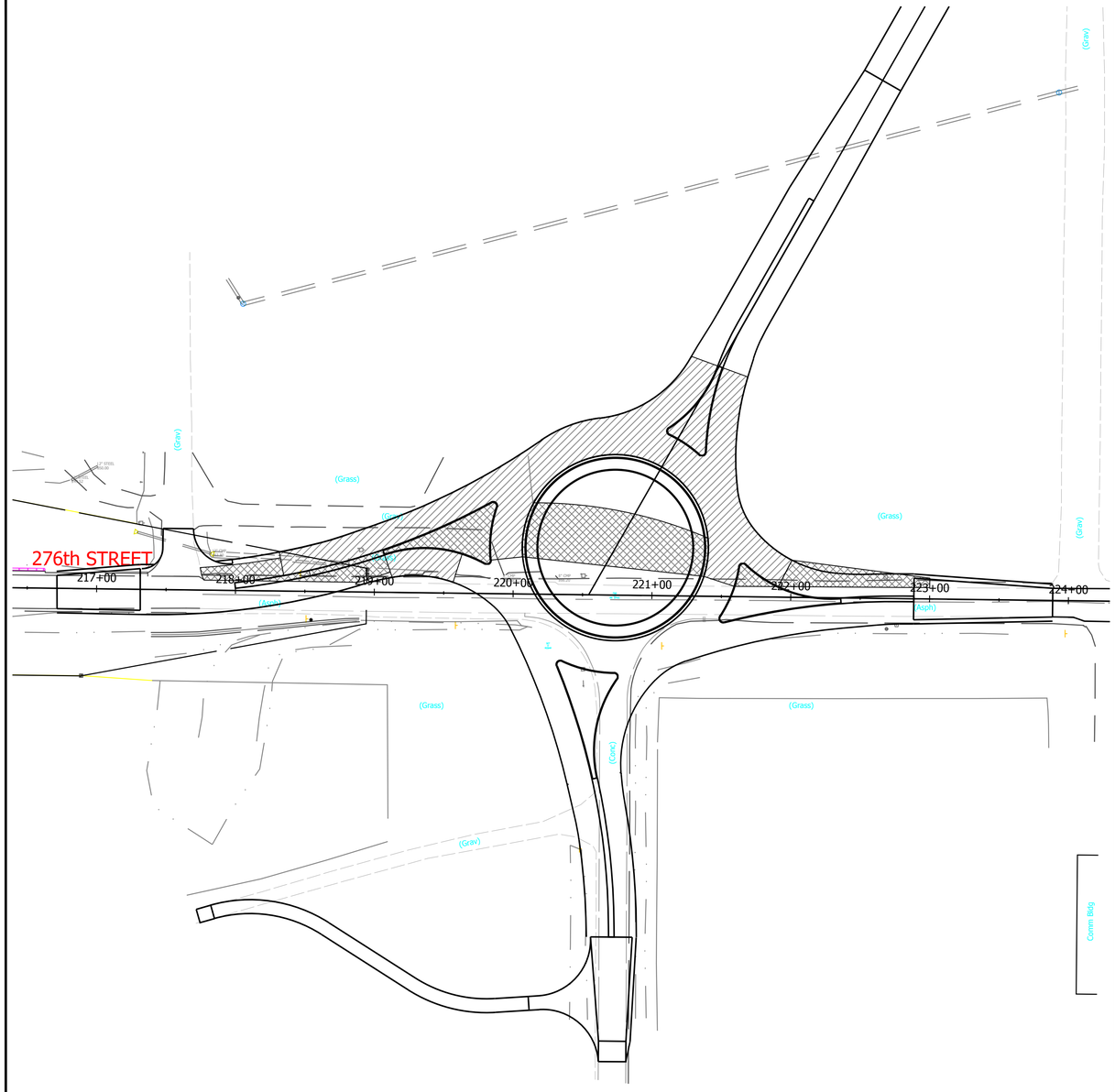
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

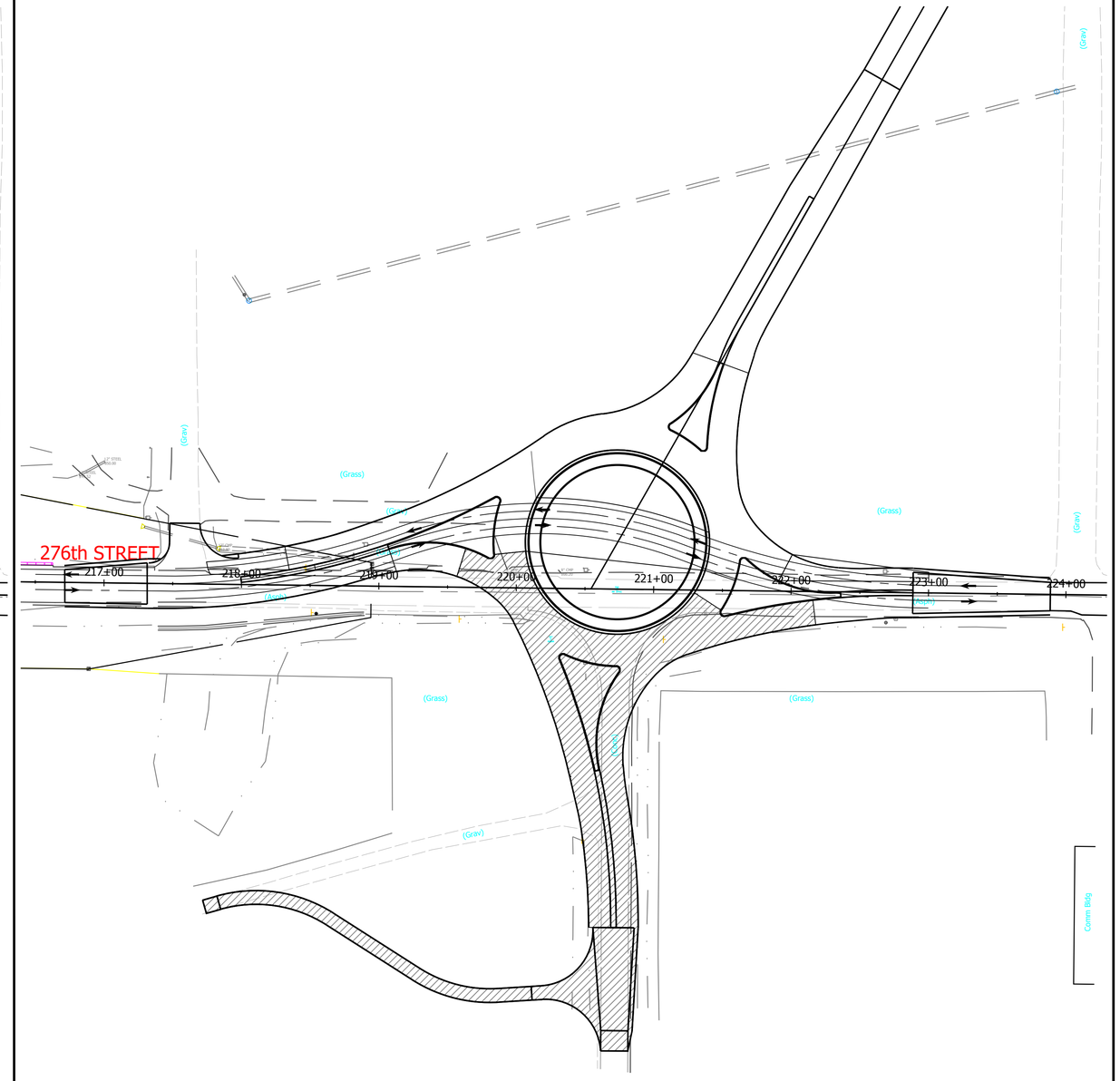
TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE I

HORIZONTAL SCALE	BRIDGE FILE
	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	9 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:34 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\05 MOT\SHT MOT-276TH.DWG



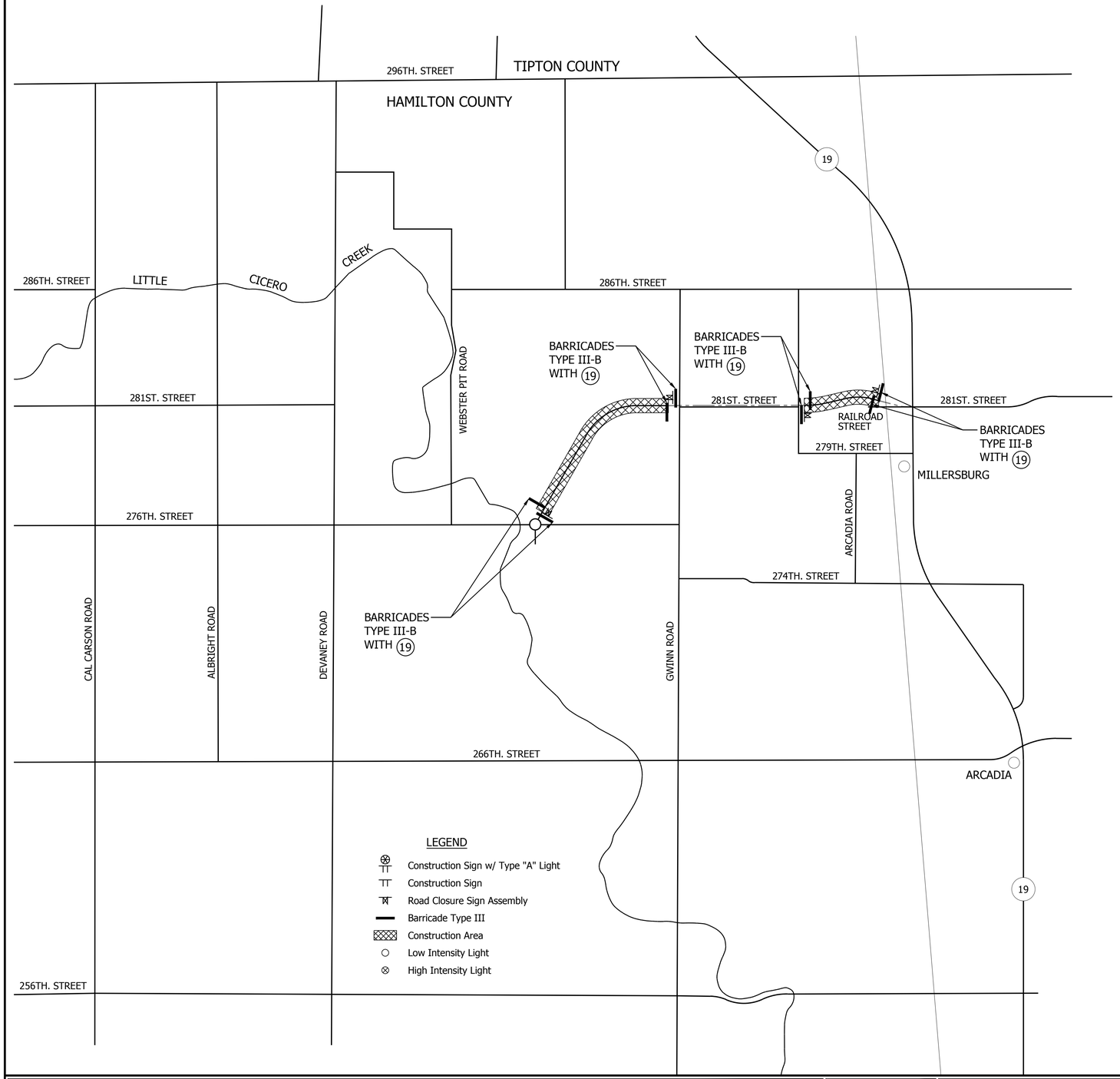
PHASE I-A

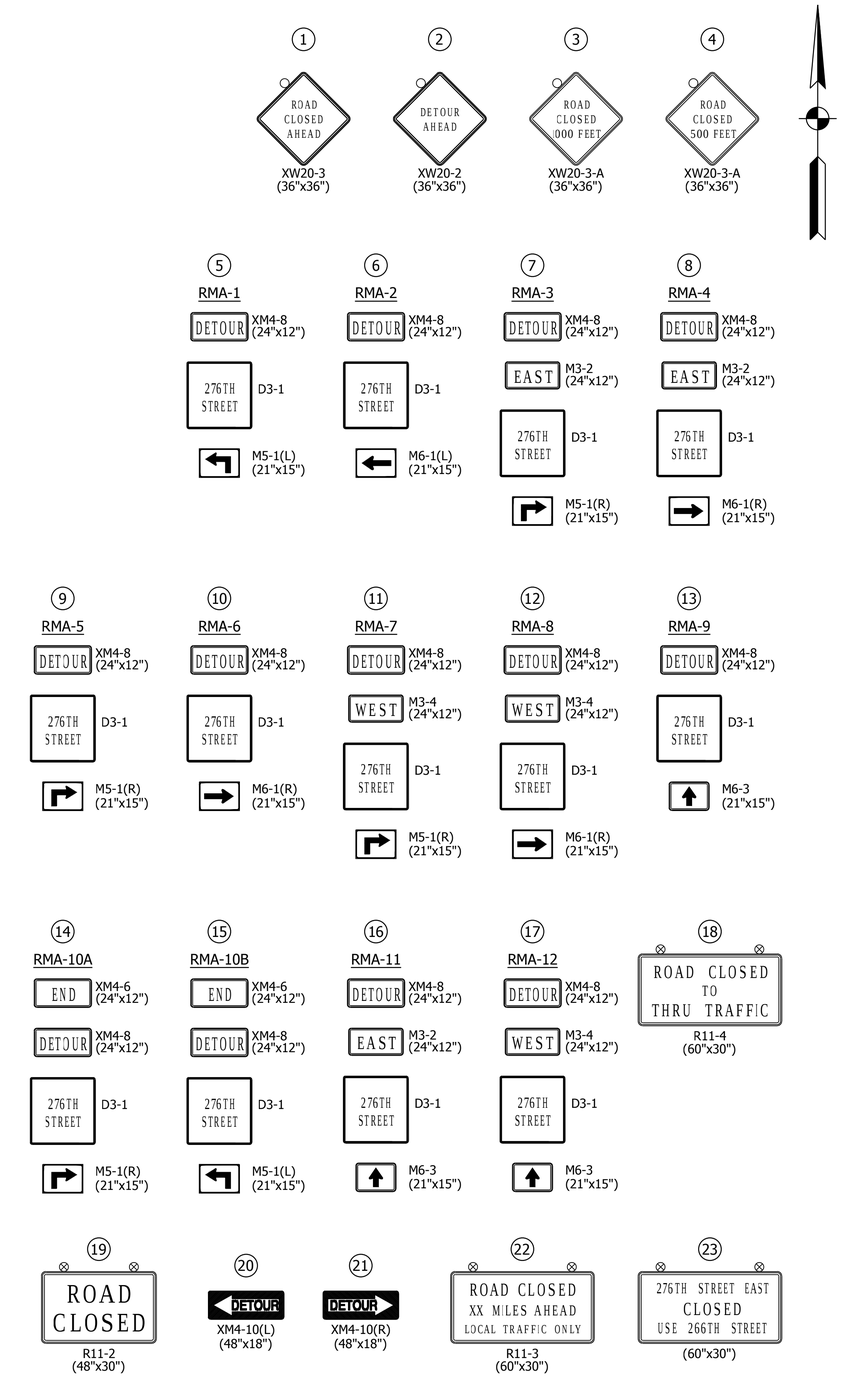


PHASE I-B

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
			N/A
		VERTICAL SCALE	DESIGNATION
			1600597
DESIGNED: D.C.K. / DRAWN: K.R.U.	TRAFFIC MAINTENANCE DETAILS 276th STREET - PHASE I-A AND I-B	SURVEY BOOK	SHEET
			10 of 158
CHECKED: L.L.C. / CHECKED: L.L.C.		CONTRACT	PROJECT
		R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:34 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\05 MOT\SHT MOT-276TH.DWG





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: D.C.K. DRAWN: K.R.U.

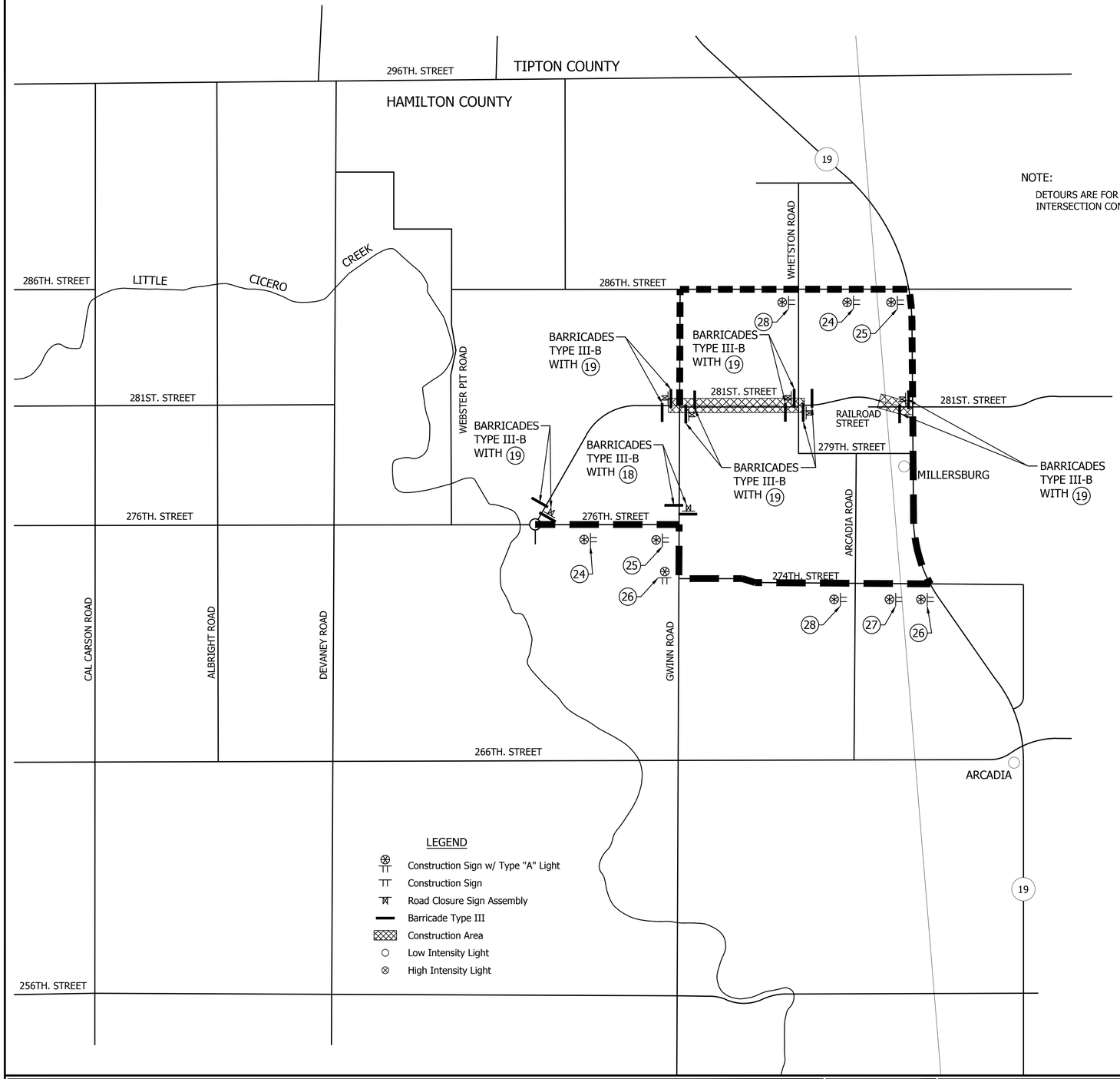
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE II

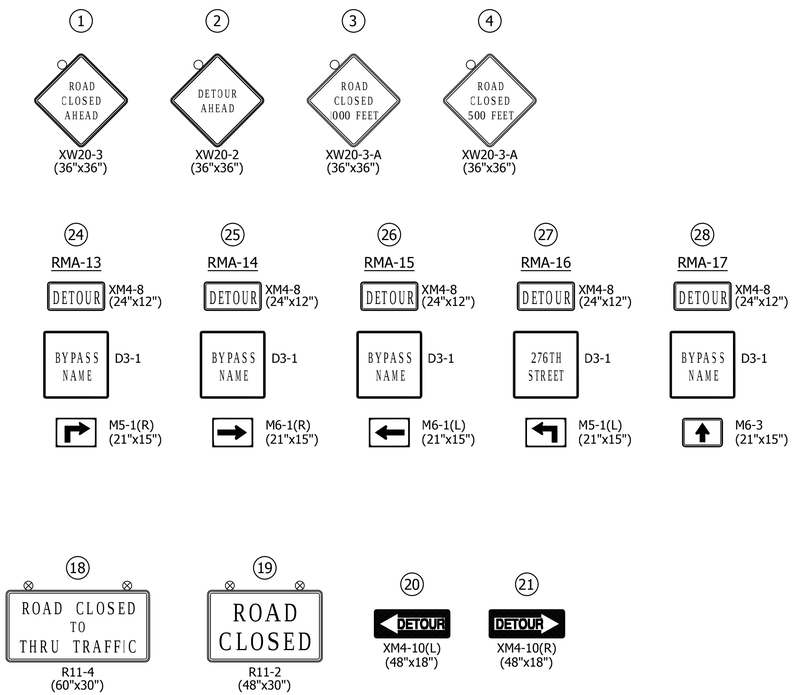
HORIZONTAL SCALE	BRIDGE FILE
	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	11 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:34 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\05 MOT\SHT MOT-276TH.DWG



NOTE:

DETOURS ARE FOR SHORT TERM CLOSURES FOR INTERSECTION CONSTRUCTION.



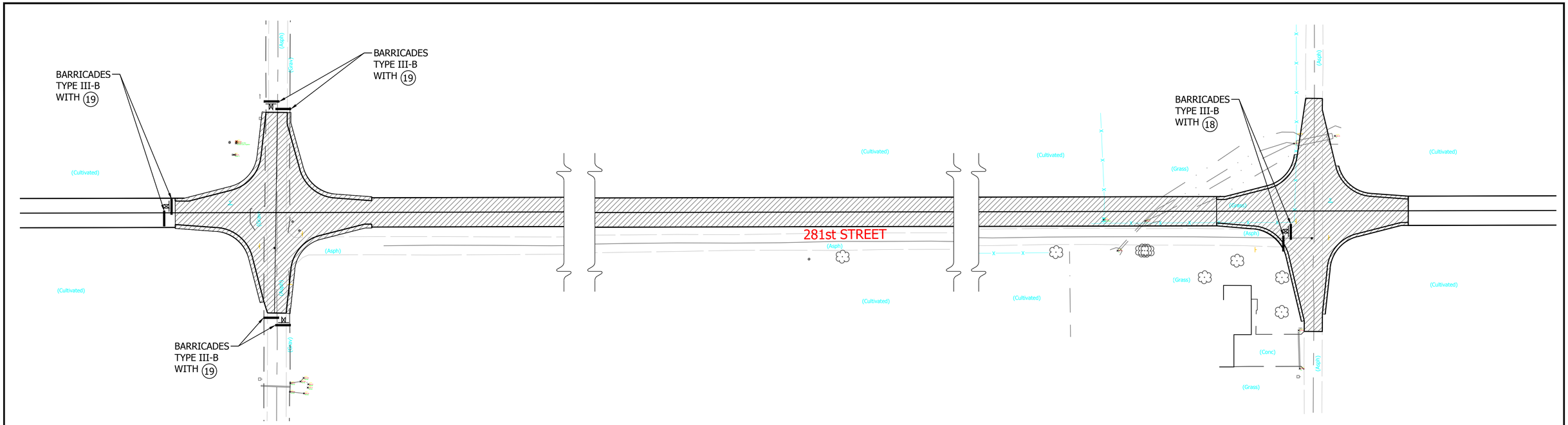
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	
DESIGNED: D.C.K.	DRAWN: K.R.U.		
CHECKED: L.L.C.	CHECKED: L.L.C.		

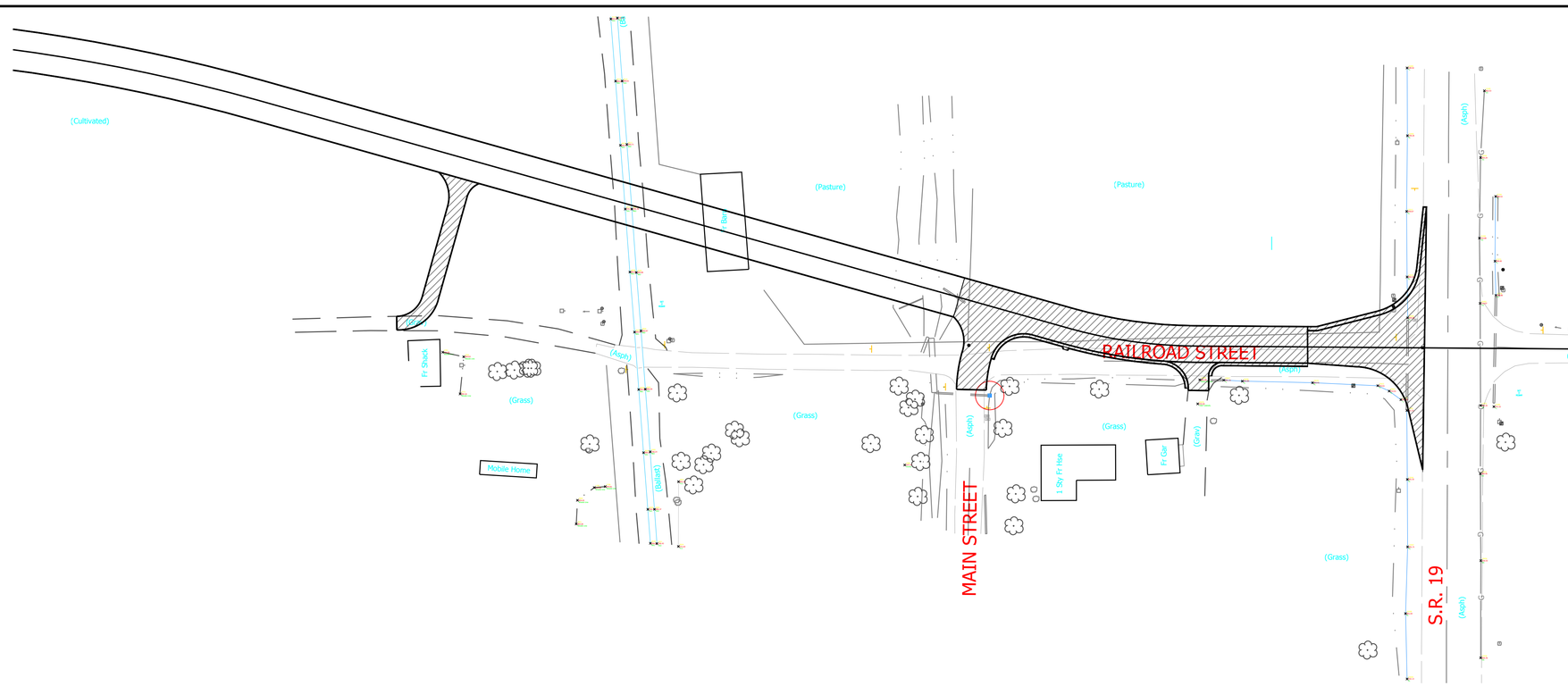
INDIANA
DEPARTMENT OF TRANSPORTATION

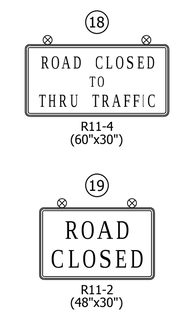
TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE III

HORIZONTAL SCALE	BRIDGE FILE
	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	12 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:34 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE III\ACAD\05 MOT\SHT MOT-276TH.DWG







RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: D.C.K. DRAWN: K.R.U.

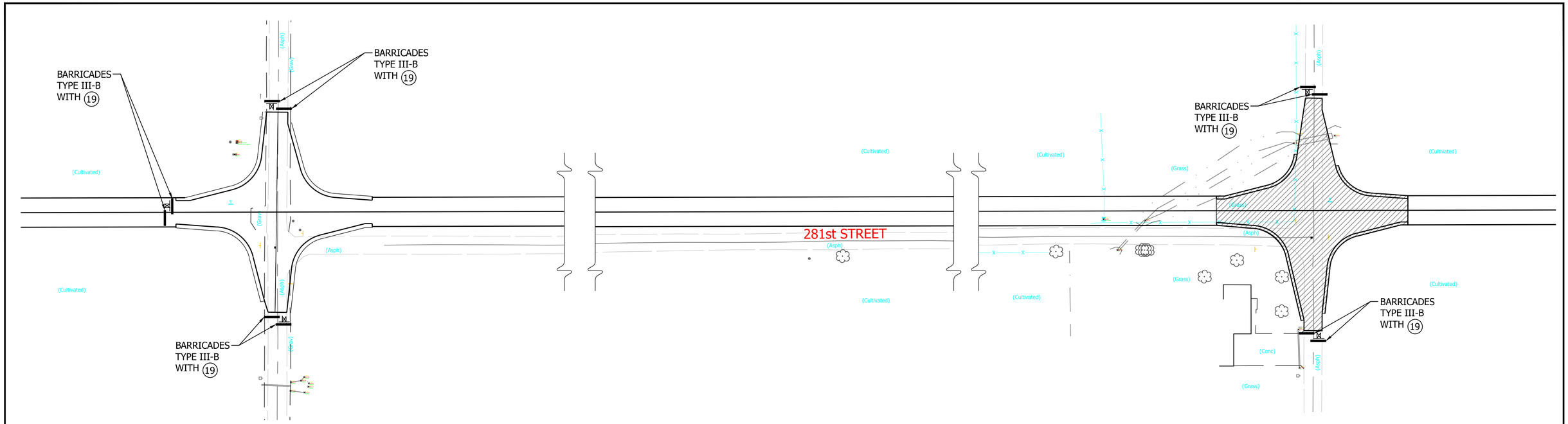
CHECKED: L.L.C. CHECKED: L.L.C

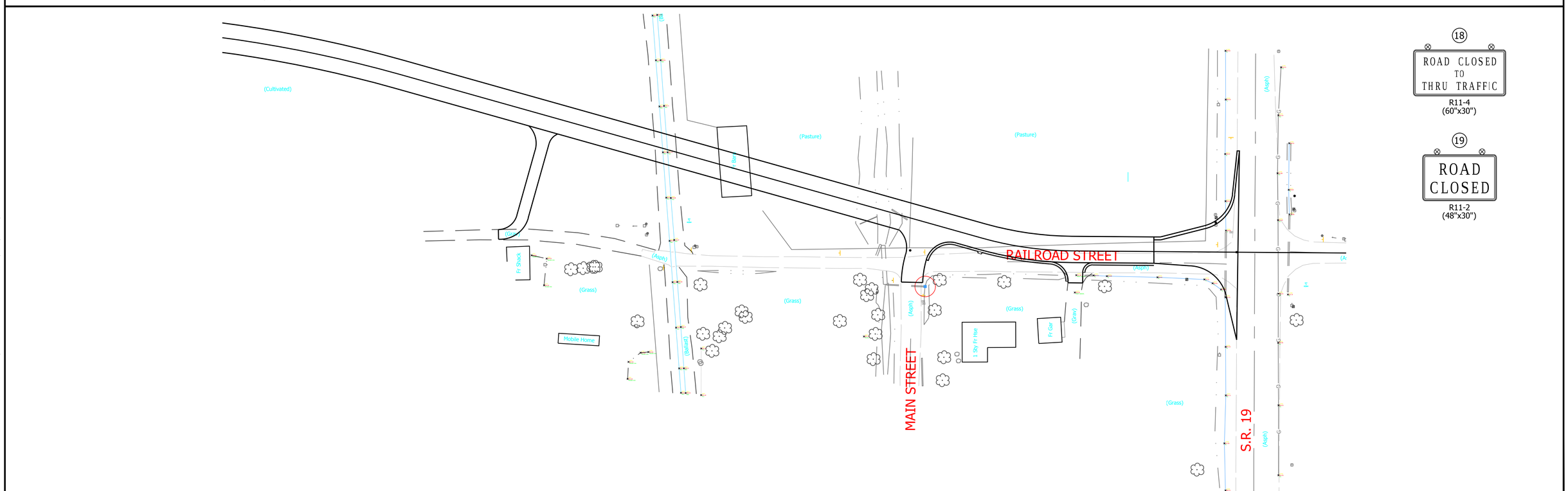
INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE III-A

HORIZONTAL SCALE	BRIDGE FILE
	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	13 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:34 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\05 MOT\SHT MOT-276TH.DWG





RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: D.C.K. DRAWN: K.R.U.

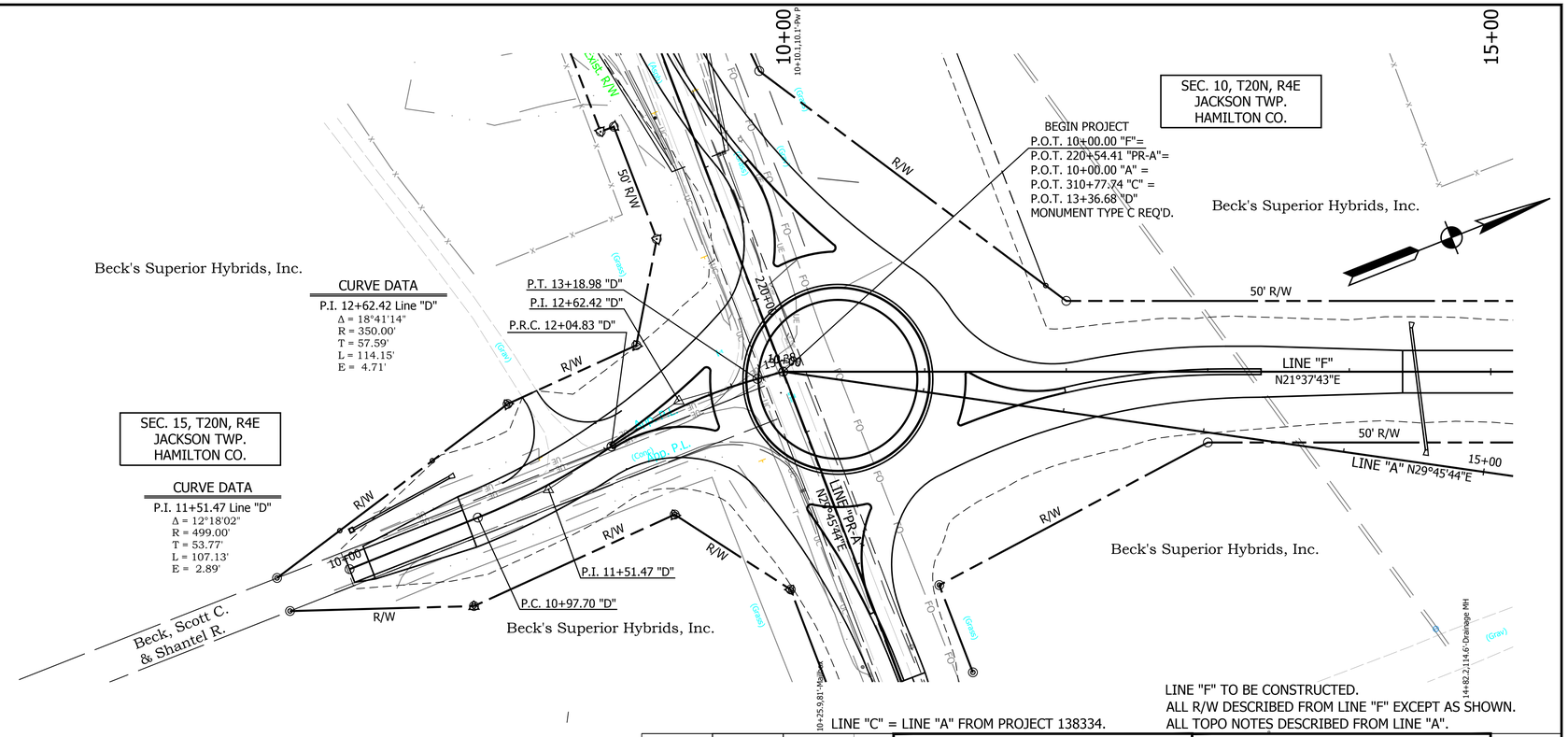
CHECKED: L.L.C. CHECKED: L.L.C

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE III-B

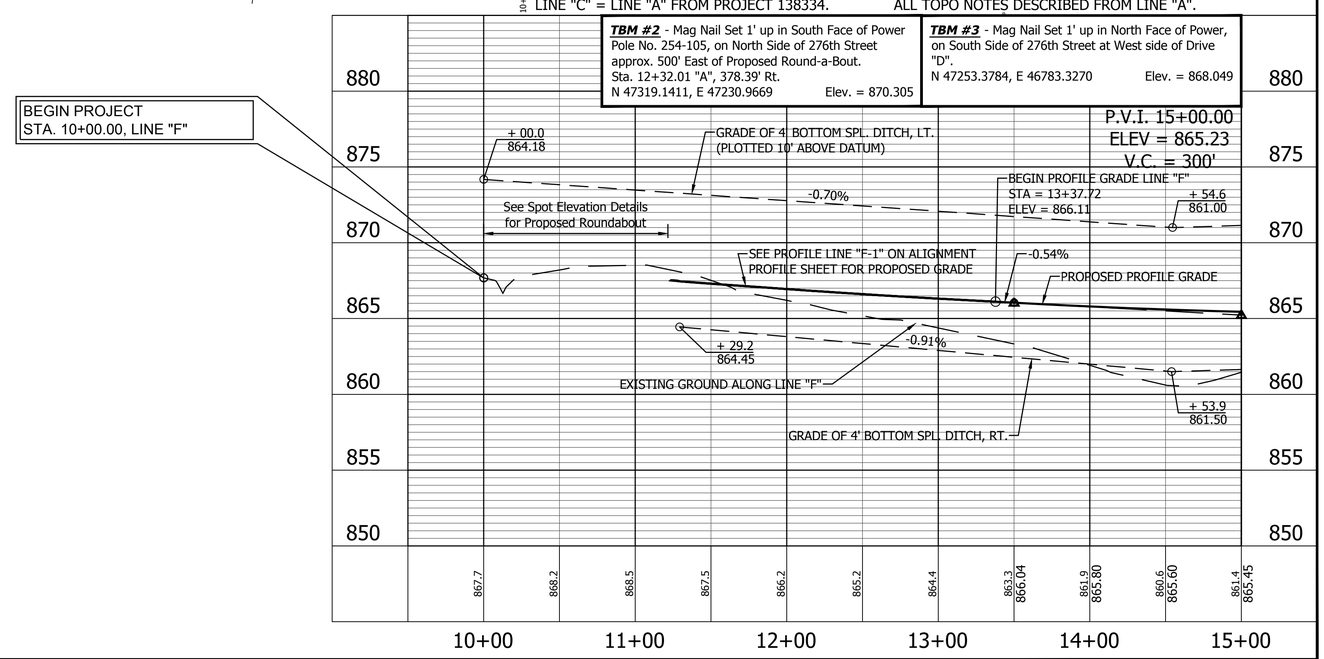
HORIZONTAL SCALE	BRIDGE FILE
	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	14 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:34 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\05 MOT\SHT MOT-276TH.DWG

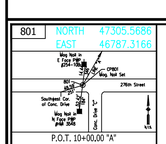


TBM #2 - Mag Nail Set 1' up in South Face of Power Pole No. 254-105, on North Side of 276th Street approx. 500' East of Proposed Round-a-Bout.
Sta. 12+32.01 "A", 378.39' Rt.
N 47319.1411, E 47230.9669 Elev. = 870.305

TBM #3 - Mag Nail Set 1' up in North Face of Power, on South Side of 276th Street at West side of Drive "D".
N 47253.3784, E 46783.3270 Elev. = 868.049



801 NORTH 47305.5686
EAST 46787.3166



P.O.T. 10+00.00 "A"
MAG NAIL SET

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

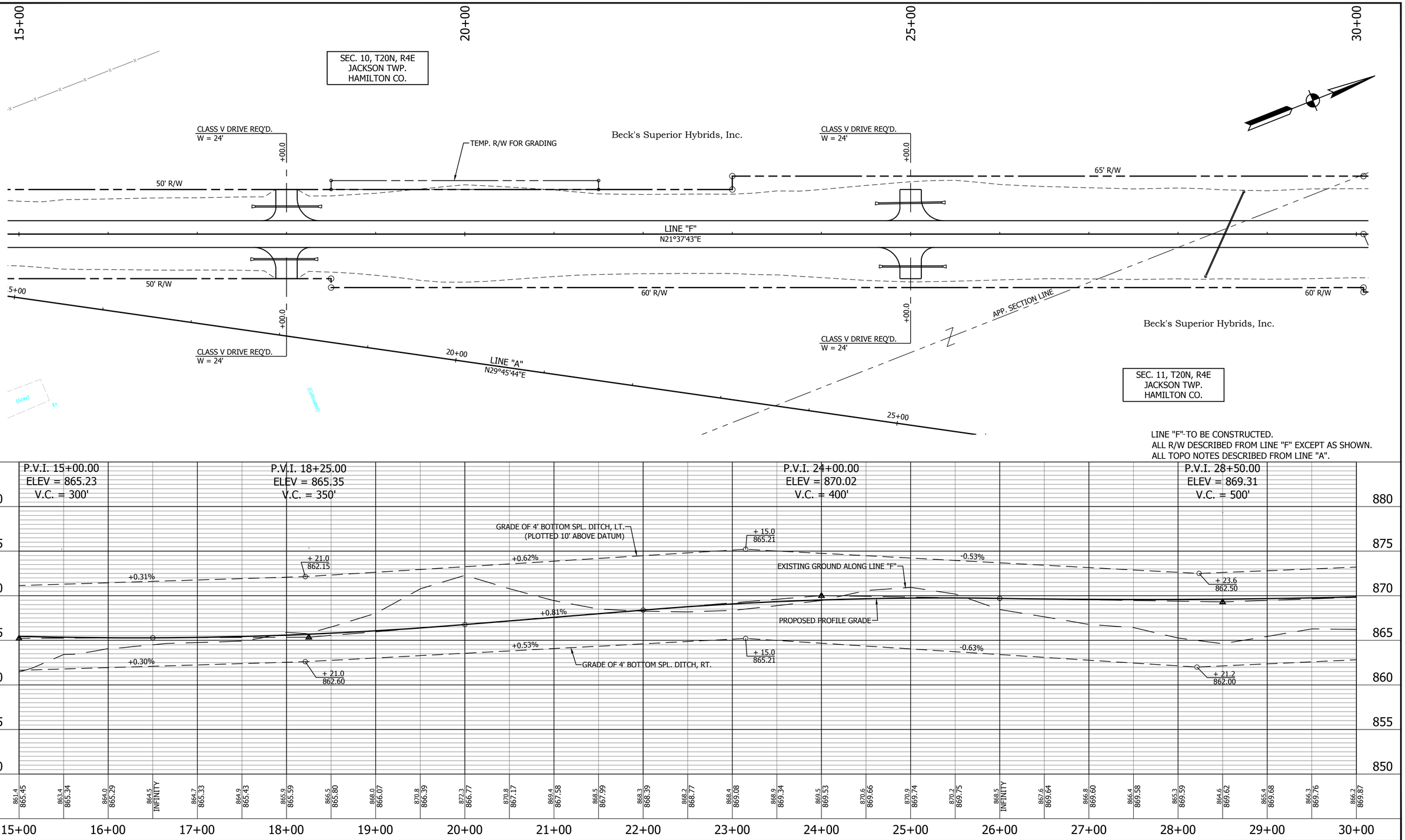
DESIGNED: K.R.U. DRAWN: K.R.U.
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 10+00.00 TO 15+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	15 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:41 AM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-F_50_01.DWG



802	803
NORTH 48000.0422	NORTH 48694.5158
EAST 47184.4392	EAST 47581.5618
N.A.A. 0.7' Below Grade in Grass Field	N.A.A. Buried 0.5' in Cultivated Field
P.O.T. 18+00.00 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	P.O.T. 26+00.00 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

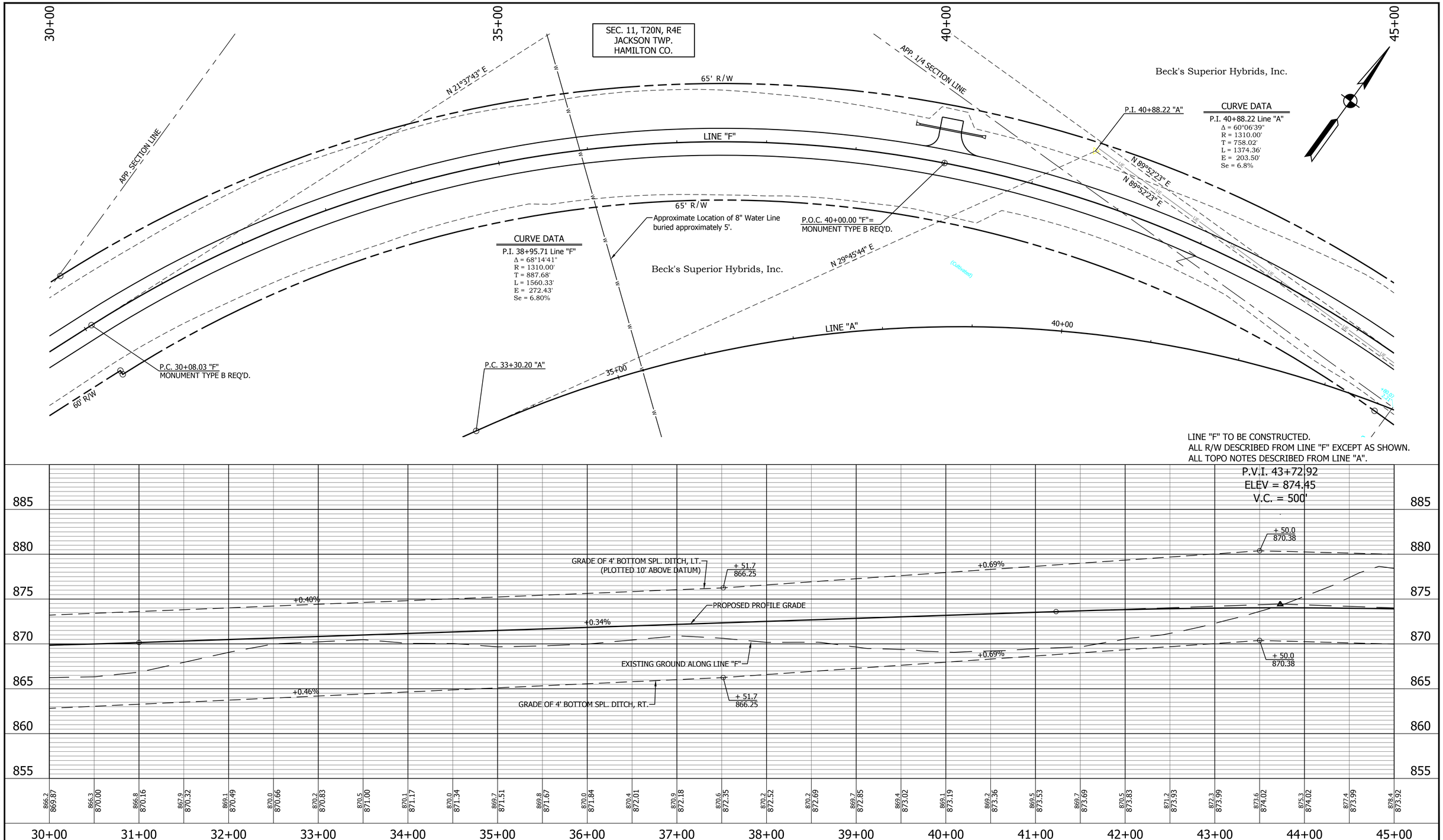
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 15+00.00 TO 30+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	16 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:41 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-F_50_01.DWG



804	805	806
NORTH 49328.3985	NORTH 49810.5142	NORTH 49986.4290
EAST 47944.0366	EAST 48422.6318	EAST 48320.3199
N.R.A. Buried 1.5' in Cultivated Field	N.R.A. Buried 1.5' in Cultivated Field	N.R.A. 0.3' Below Grade in Grass Field
P.C. 33+30.20 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	P.O.C. 40+17.38 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	P.I. 40+80.22 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

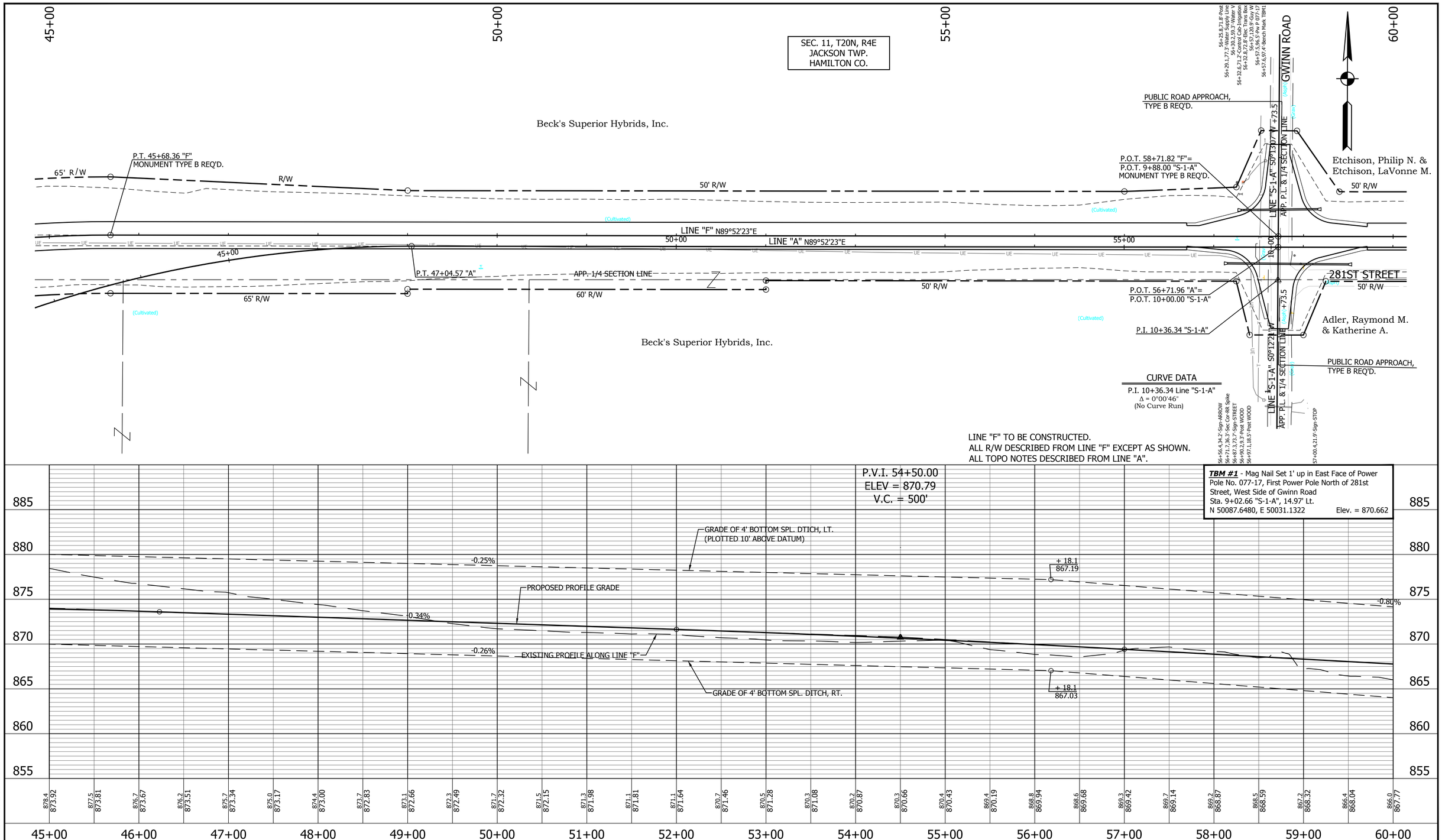
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 30+00.00 TO 45+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	17 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:41 AM EDITED BY: KLPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-F_50_01.DWG



TBM #1 - Mag Nail Set 1' up in East Face of Power Pole No. 077-17, First Power Pole North of 281st Street, West Side of Gwinn Road
Sta. 9+02.66 "S-1-A", 14.97' Lt.
N 50087.6480, E 50031.1322 Elev. = 870.662

807	808	822	823
NORTH 49988.1070	NORTH 49990.2485	NORTH 50240.2467	NORTH 50244.8216
EAST 49078.3372	EAST 50045.7280	EAST 50046.6822	EAST 50044.8216
P.T. 47+04.57 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	P.O.T. 56+71.96 "A" = P.O.T. 10+00.00 "S-1-A" MAG NAIL SET	P.O.T. 7+50.00 "S-1-A" MAG NAIL SET	P.O.T. 12+50.00 "S-1-A" MAG NAIL SET

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

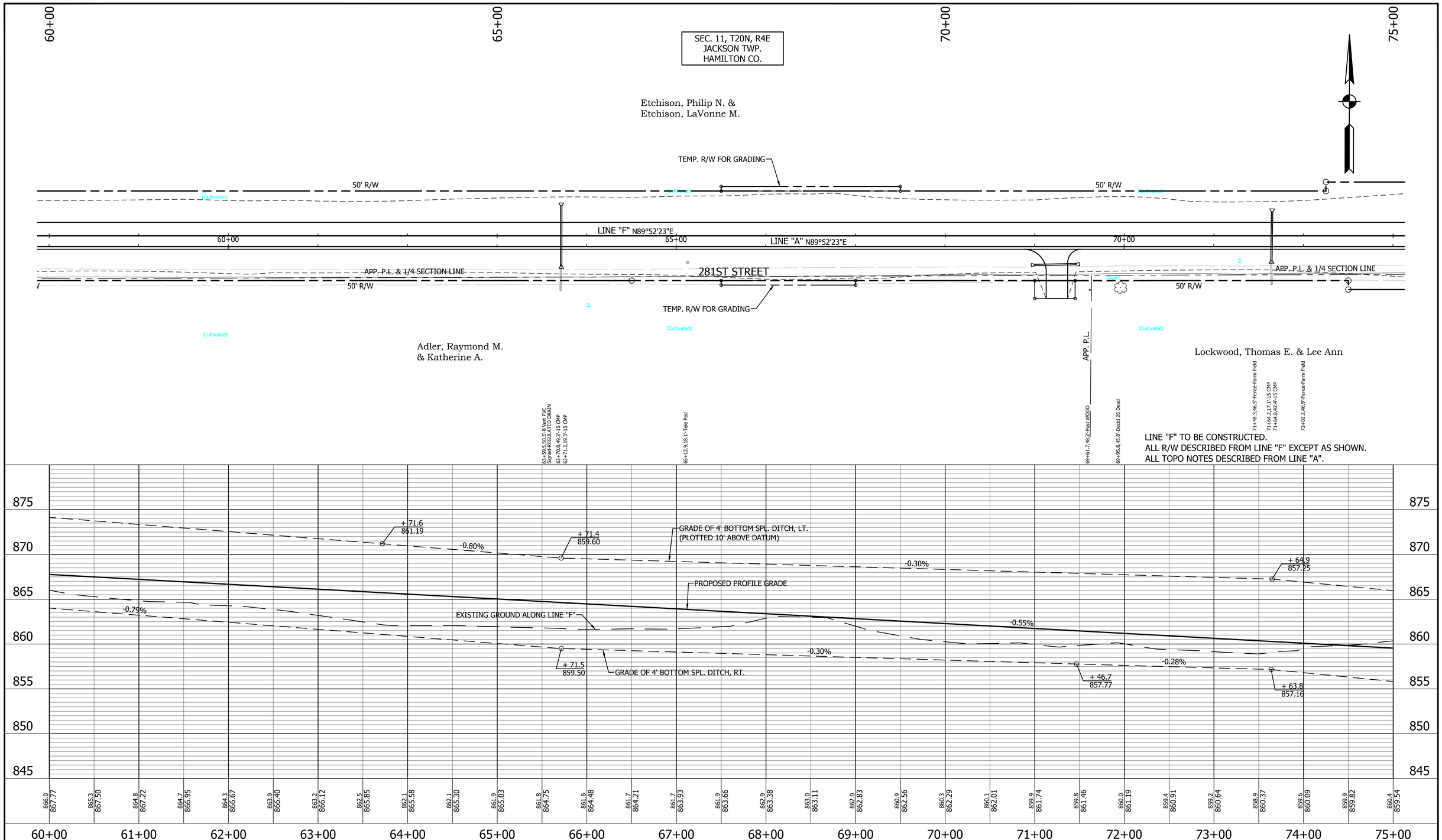
DESIGNED: K.R.U. DRAWN: K.R.U.
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 45+00.00 TO 60+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	18 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:41 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-F_50_01.DWG



809	NORTH 49992.0815 EAST 50873.7677
P.O.T. 65+00.00 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	

810	NORTH 49994.0739 EAST 51773.7655
P.O.T. 74+00.00 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

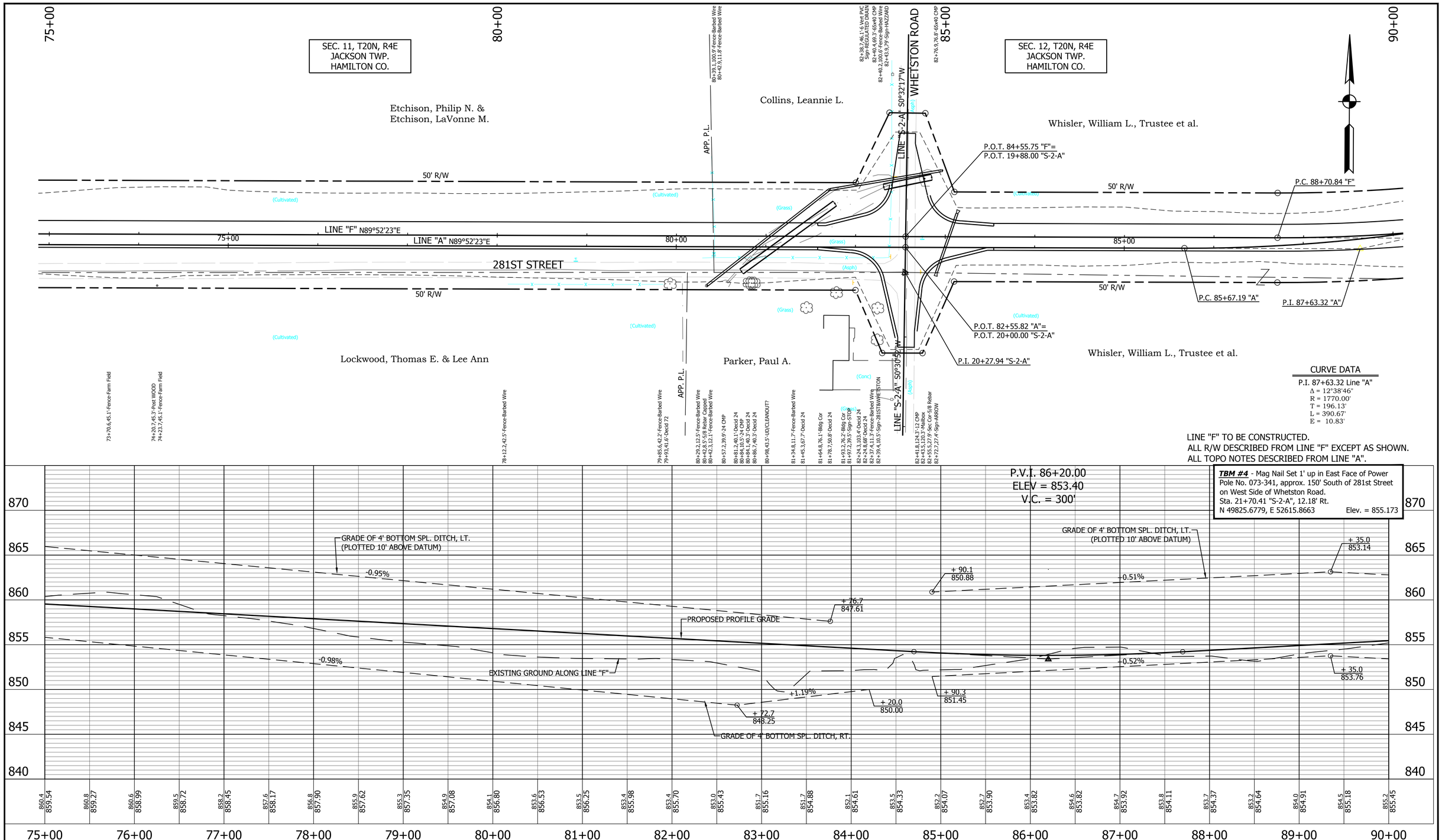
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 60+00.00 TO 75+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	19 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:41 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE III\CAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-F_50_01.DWG



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

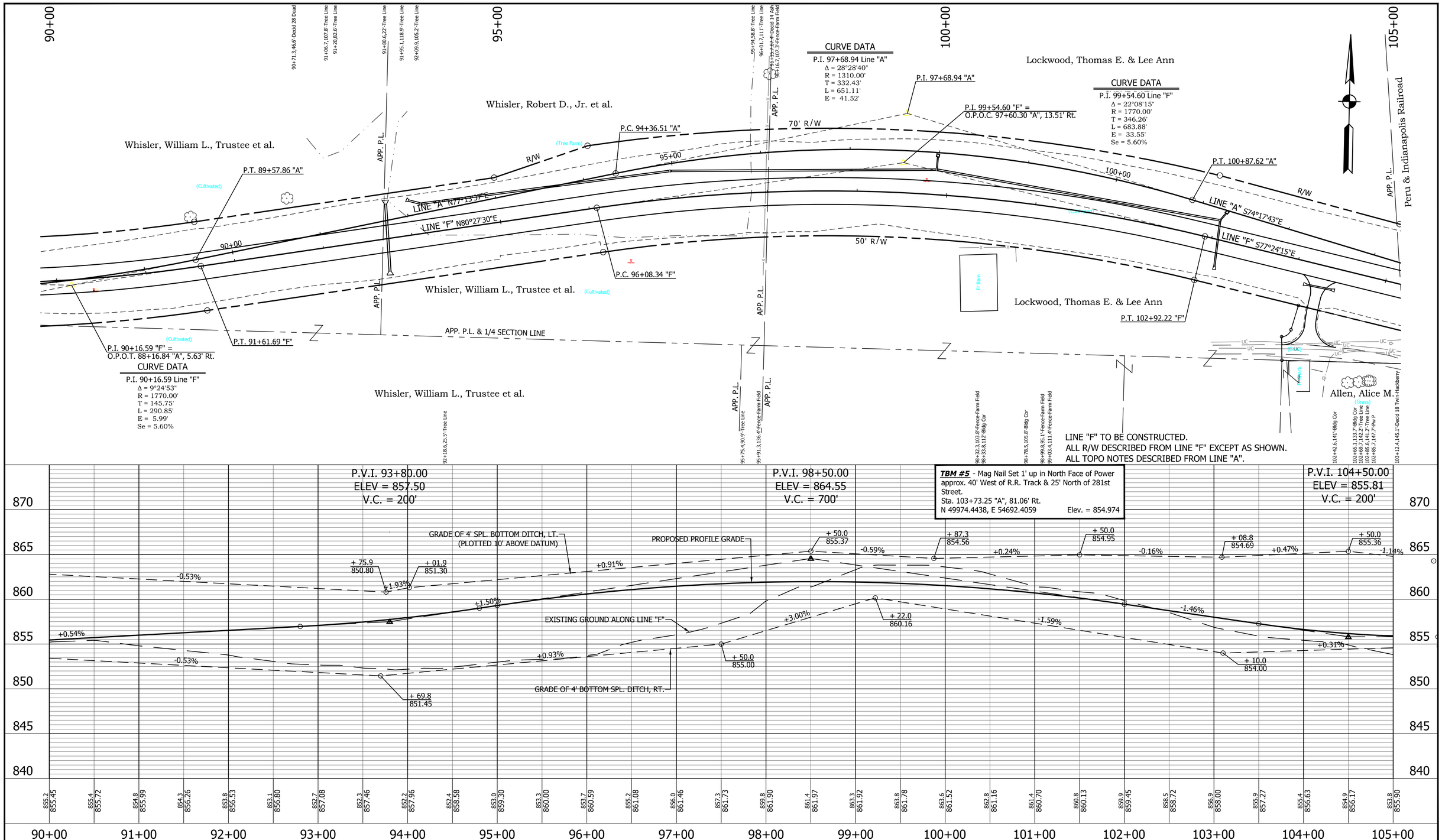
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 75+00.00 TO 90+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	20 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:53 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-F_50_01.DWG



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

CHECKED: L.L.C. CHECKED: L.L.C.

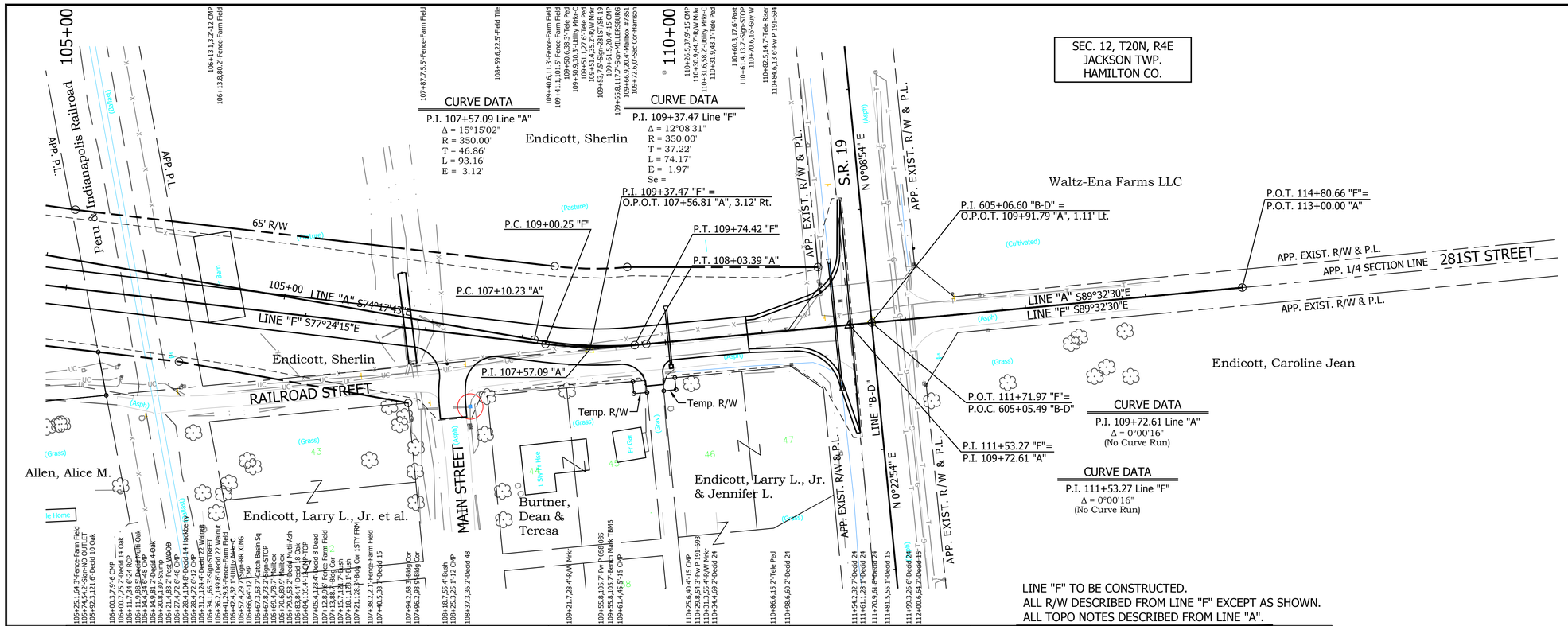
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 90+00.00 TO 105+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	21 of 158
CONTRACT	PROJECT
R-39726	1600597

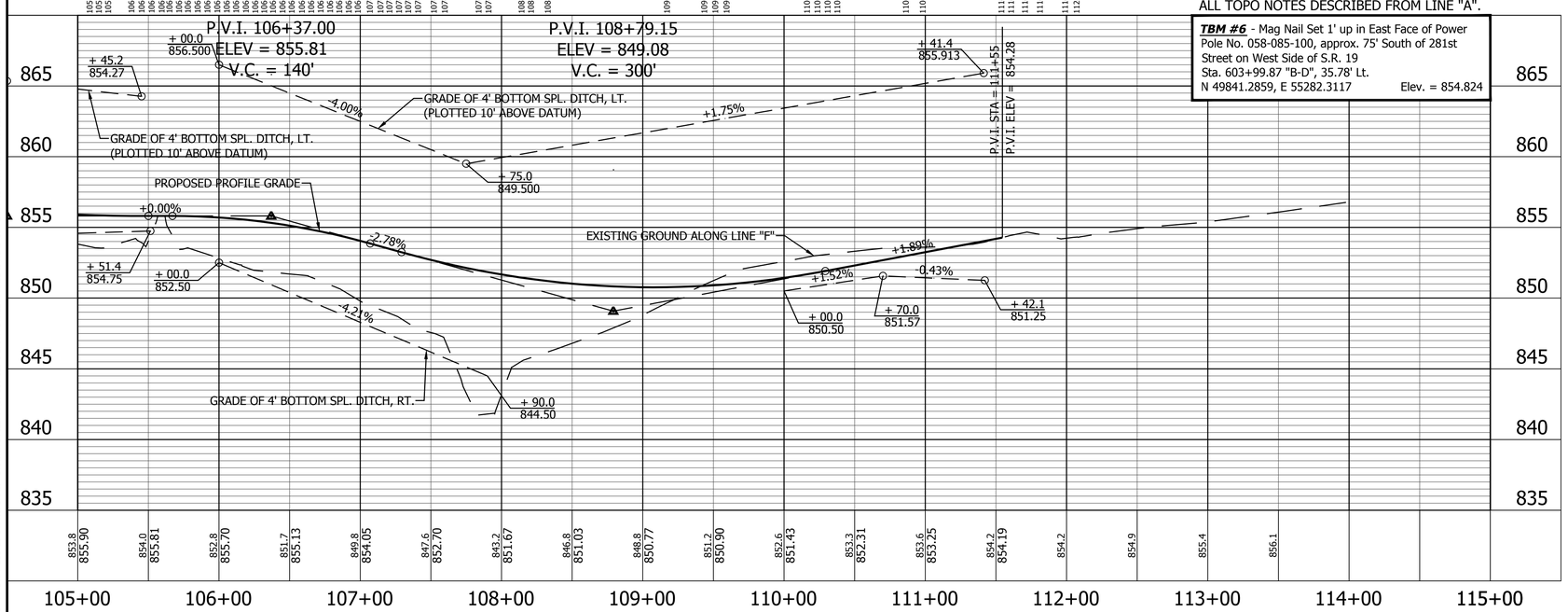
PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:41 AM EDITED BY: KLPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\CAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-F_50_01.DWG

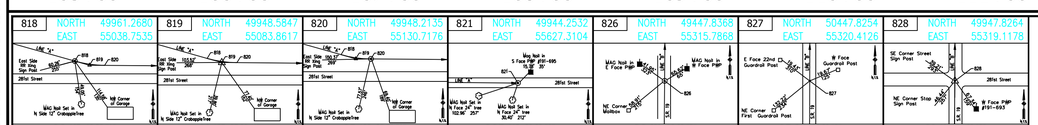
SEC. 12, T20N, R4E
JACKSON TWP.
HAMILTON CO.



LINE "F" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "F" EXCEPT AS SHOWN.
ALL TOPO NOTES DESCRIBED FROM LINE "A".

TBM #6 - Mag Nail Set 1' up in East Face of Power Pole No. 058-085-100, approx. 75' South of 281st Street on West Side of S.R. 19
Sta. 603+99.87 "B-D", 35.78' Lt.
N 49841.2859, E 55282.3117 Elev. = 854.824





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

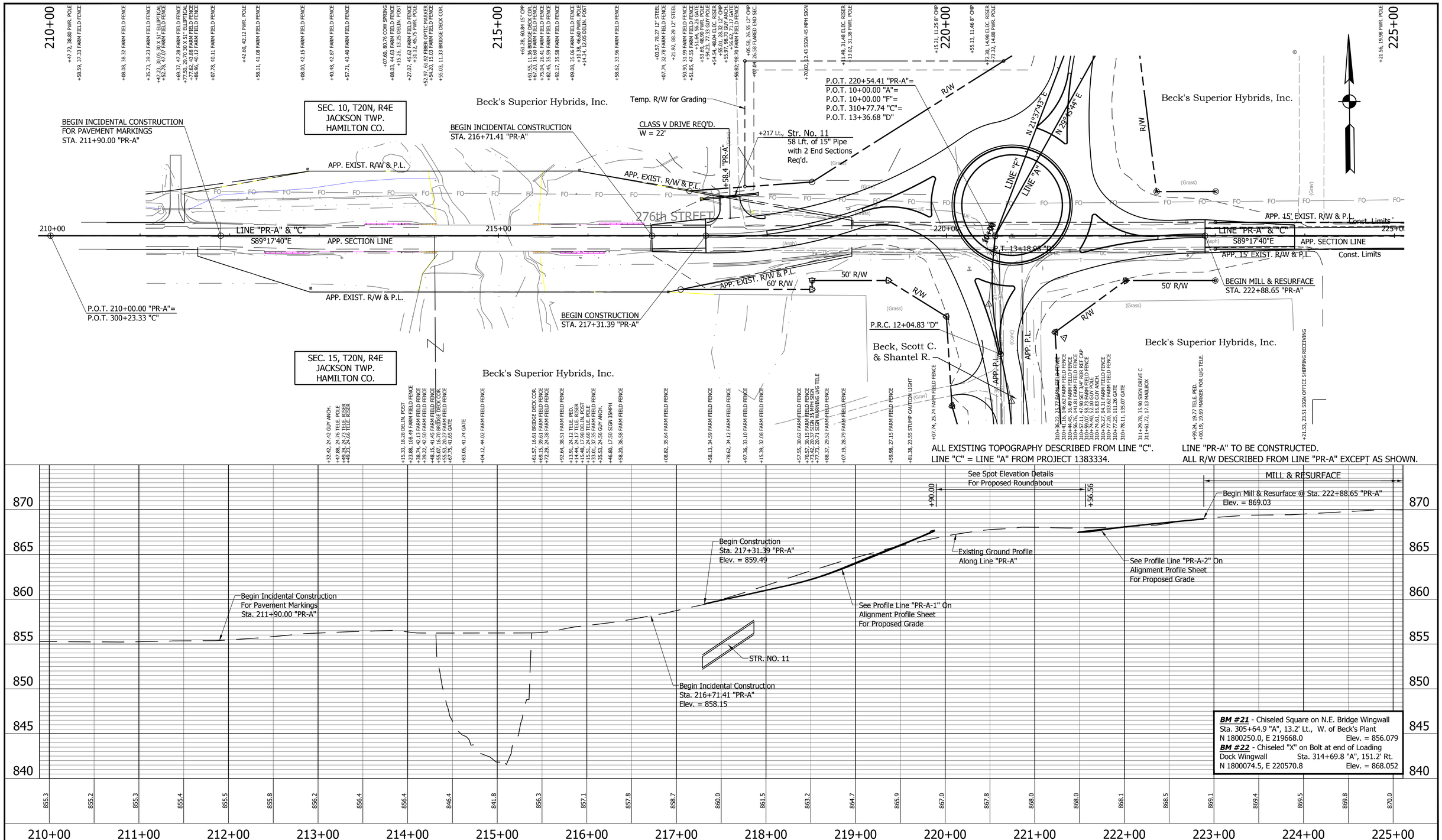
DESIGNED: K.R.U. DRAWN: K.R.U.
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 105+00.00 TO 114+80.66 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	22 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:41 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH 11-F_50_01.DWG



BM #21 - Chiseled Square on N.E. Bridge Wingwall
Sta. 305+64.9 "A", 13.2' Lt., W. of Beck's Plant
N 1800250.0, E 219668.0 Elev. = 856.079
BM #22 - Chiseled "X" on Bolt at end of Loading
Dock Wingwall Sta. 314+69.8 "A", 151.2' Rt.
N 1800074.5, E 220570.8 Elev. = 868.052

Mag Nail in Top of East Wood Gate Post
Mag Nail Up 6' in S. SidePwP #072-573
Line "A"
Mag Nail Up 24" in N. Side Tel. Pole #30102-32
#513 Set Punched RR Spk. Recessed 1"
P.O.T. 302+00.00 Line "A"

Mag Nail UP 12" in N. Side PwP #254-106
Line "A"
Mag Nail Up 12" in NW Side of Guy Pole #HNI-3948
SE Cor. Conc. Approach
#564 Set Punched RR Spk. Recessed 1"
P.O.T. 310+96.71 Line "A" Line "A"
= P.O.T. 50+00.00 Line "S-Becks-W-Entr"

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

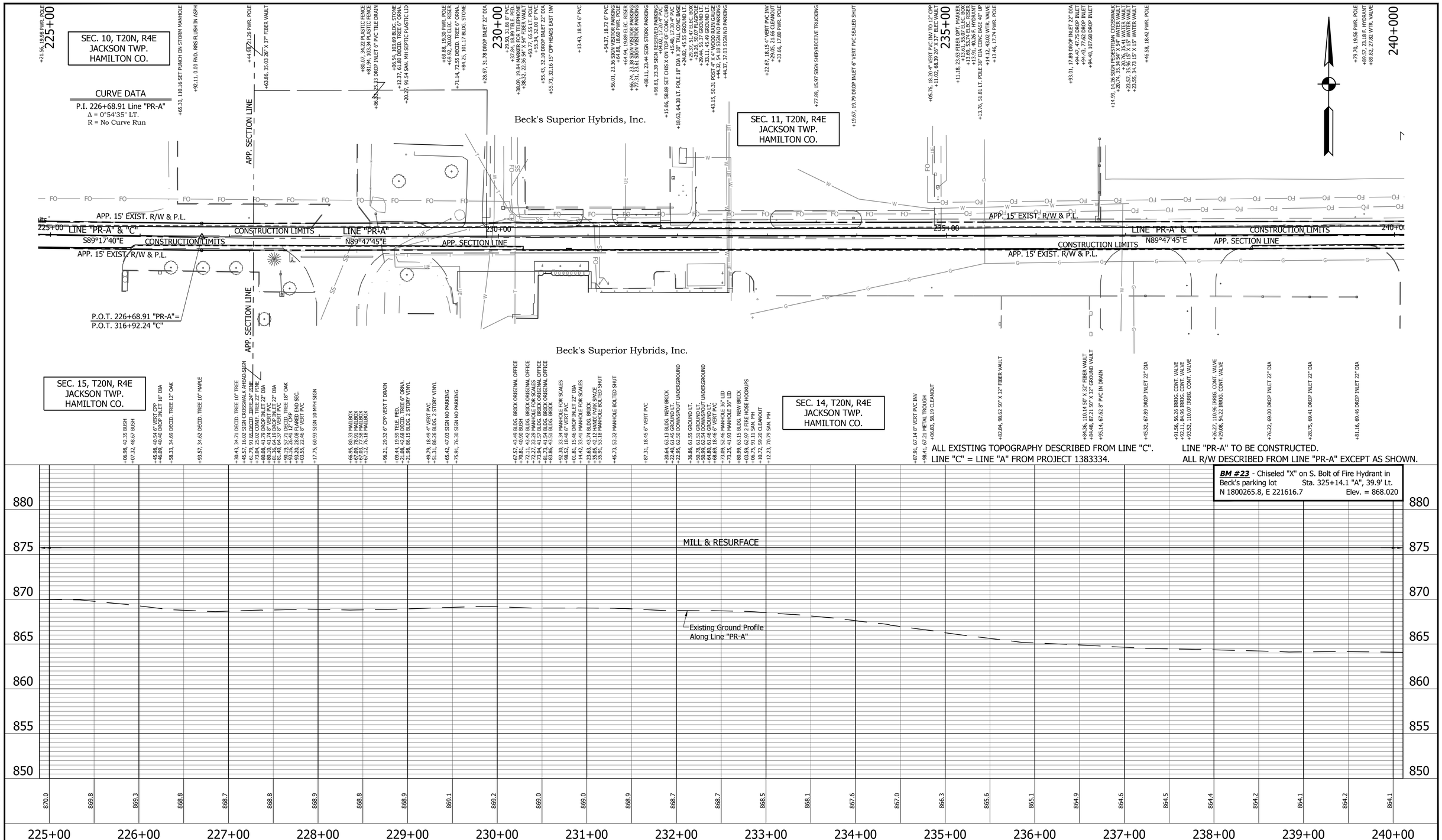
DESIGNED: BCF DRAWN: REW
CHECKED: LLC CHECKED: LLC

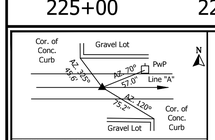
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 210+00.00 TO 225+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	23 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:40 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-PRA_50_01.DWG





#6509 Fnd. RR Spk.
P.I. 316+92.24 Line "A" & Apparent Sec. Cor.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: REW

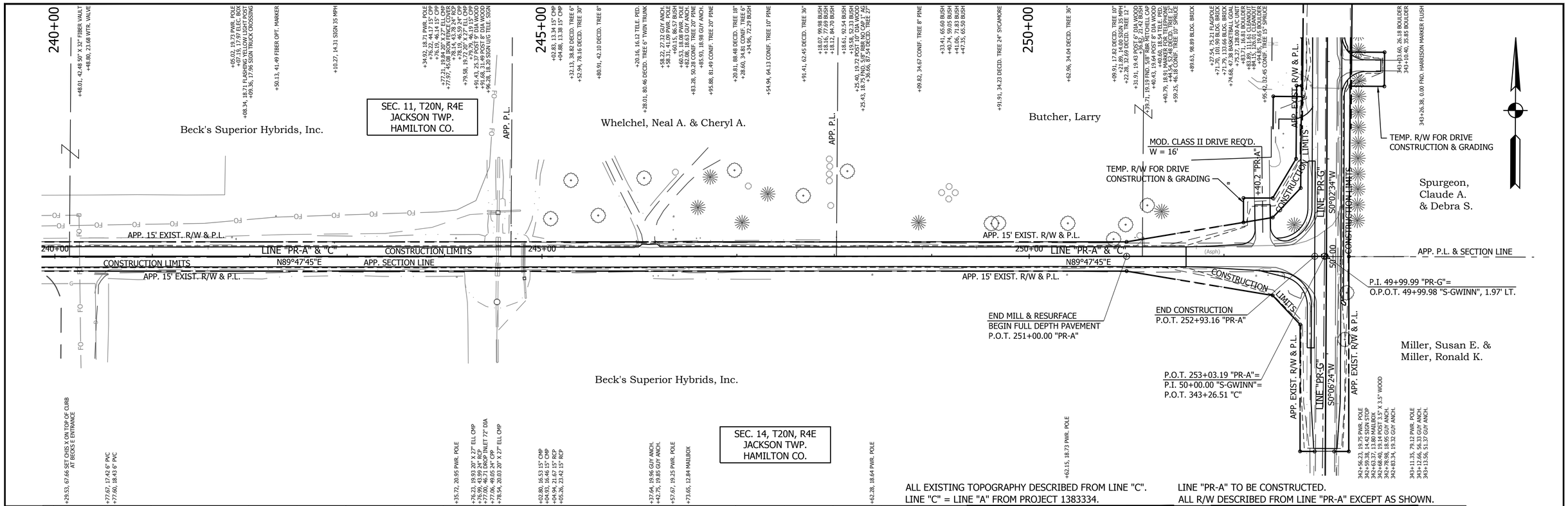
CHECKED: LLC CHECKED: LLC

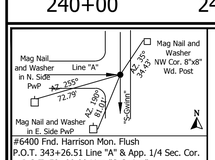
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 225+00.00 TO 240+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	24 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:40 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-PRA_50_01.DWG





#6400 Fnd. Harrison Mon. Flush
P.O.T. 343+26.51 Line "A" & App. 1/4 Sec. Cor.
= P.O.T. 50+00.00 Line "S-Gwinn"

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: REW

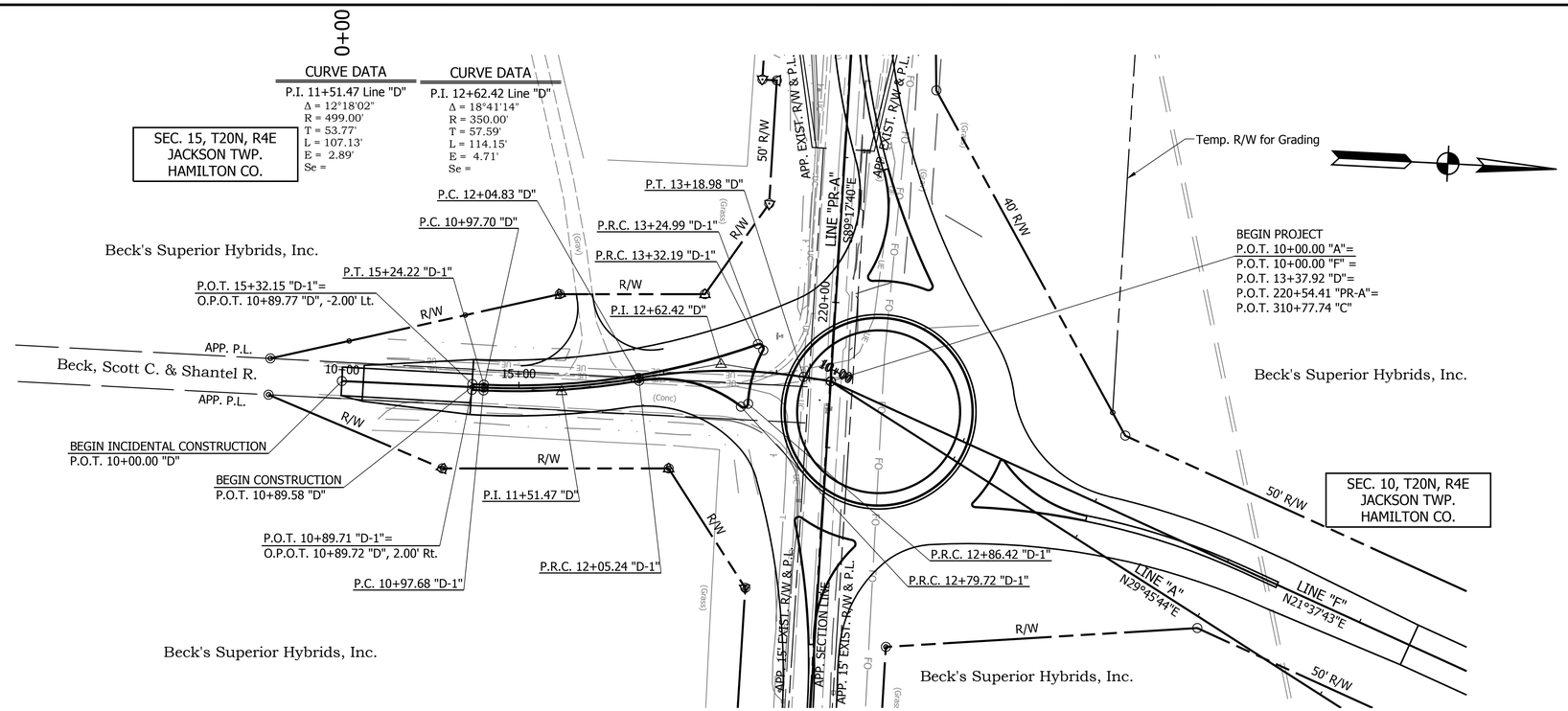
CHECKED: LLC CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 240+00.00 TO 253+04.57 LINE "PR-A"

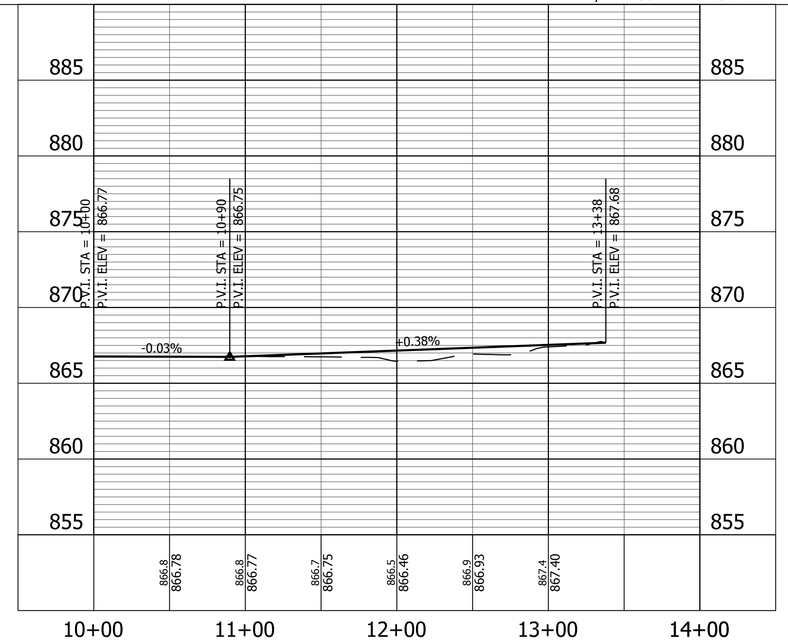
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	25 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 7:40 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-PRA_50_01.DWG



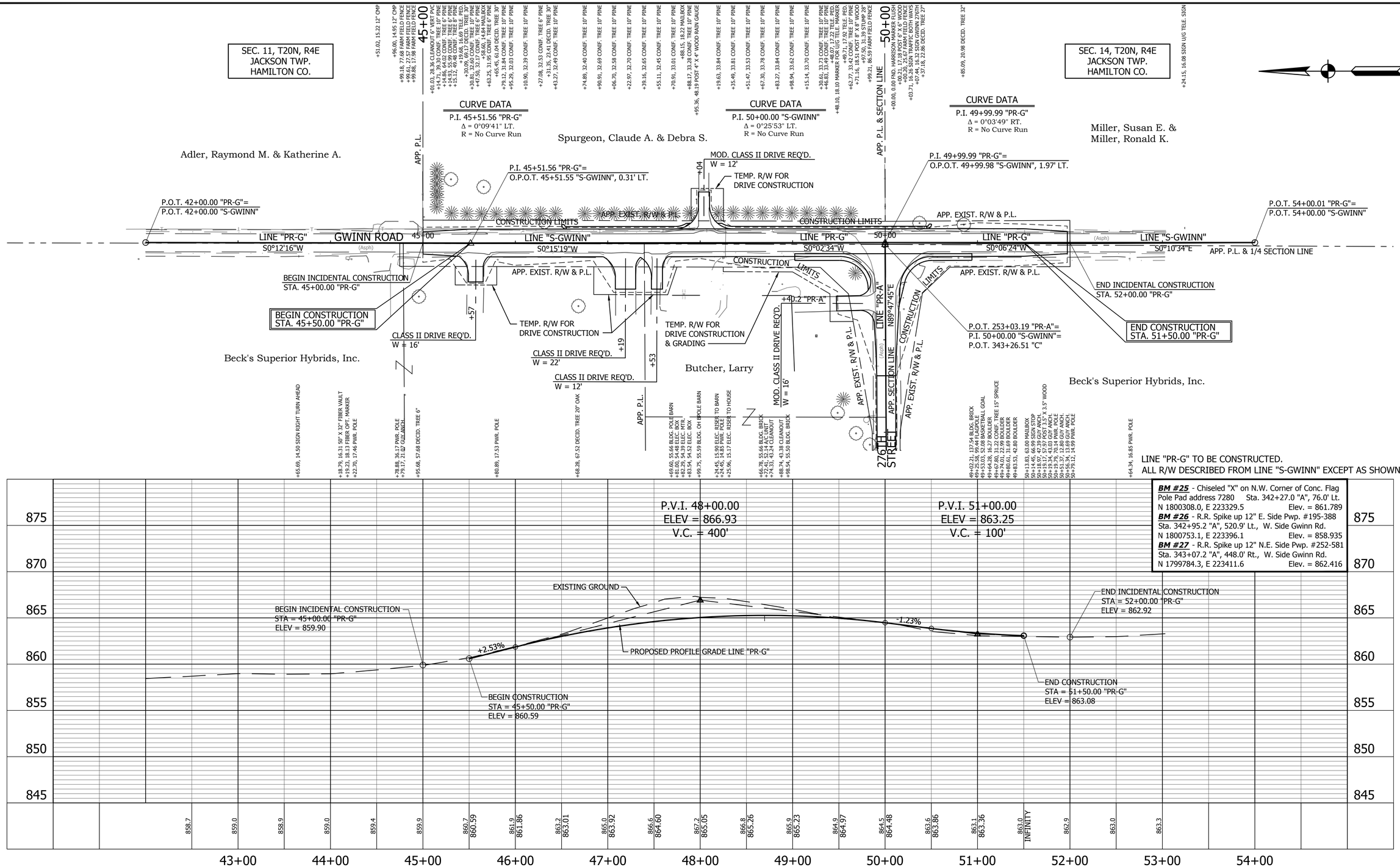
LINE "C" = LINE "A" FROM PROJECT 138334.

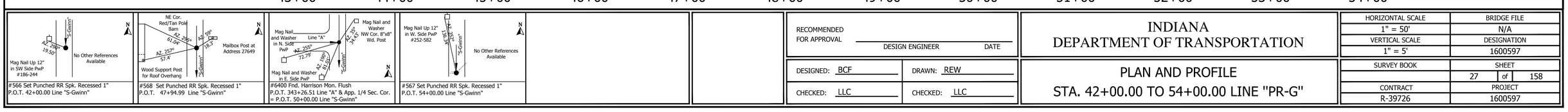
LINE "D" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "D" EXCEPT AS SHOWN.



RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 50'	BRIDGE FILE: N/A
		VERTICAL SCALE: 1" = 5'	DESIGNATION: 1600597
DESIGNED: K.R.U. / DRAWN: K.R.U.	PLAN AND PROFILE	SURVEY BOOK	SHEET 26 of 158
CHECKED: L.L.C. / CHECKED: L.L.C.	STA. 10+00.00 TO STA. 13+36.38 "D"	CONTRACT: R-39726	PROJECT: 1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:22 AM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-D_50_01.DWG





RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: BCF DRAWN: REW

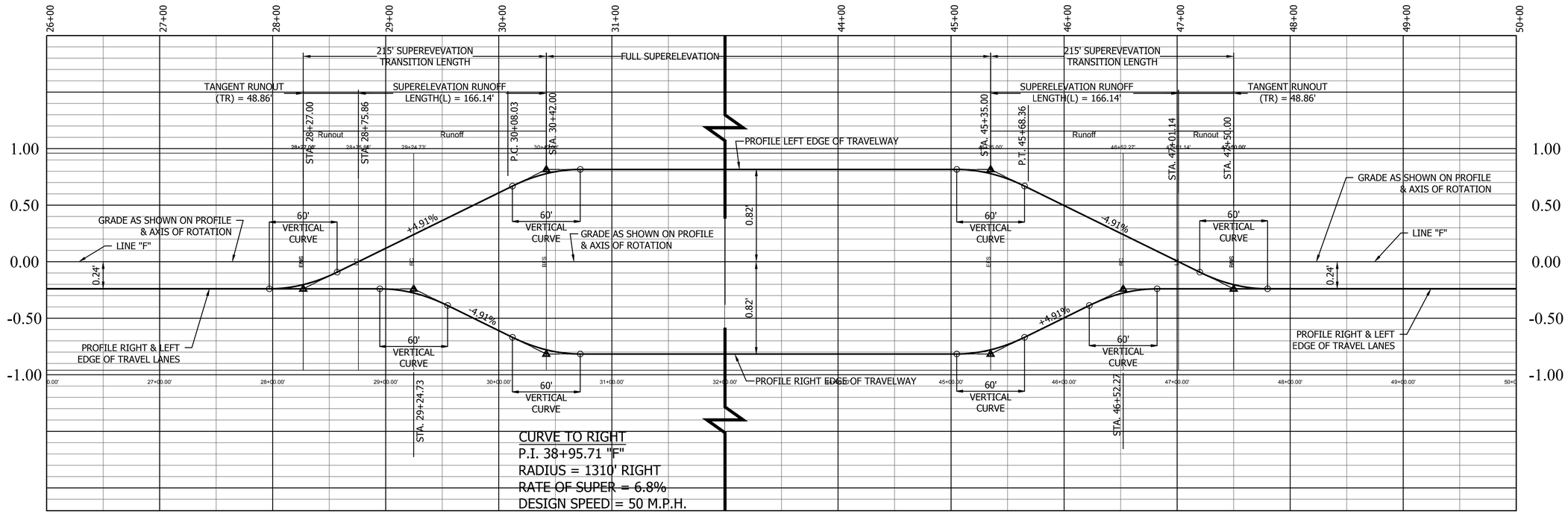
CHECKED: LLC CHECKED: LLC

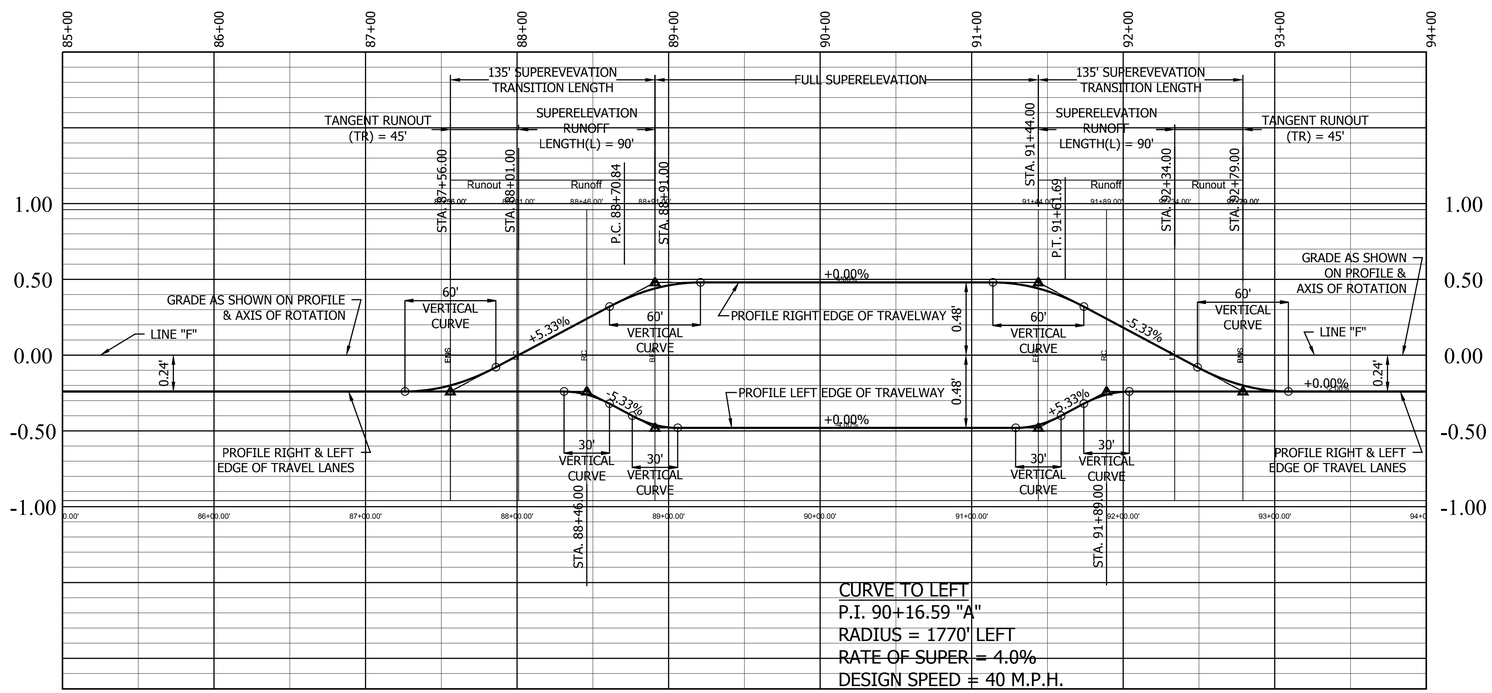
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 42+00.00 TO 54+00.00 LINE "PR-G"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	27 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:22 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-PRG_50_01.DWG





RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: YZ DRAWN: KRU

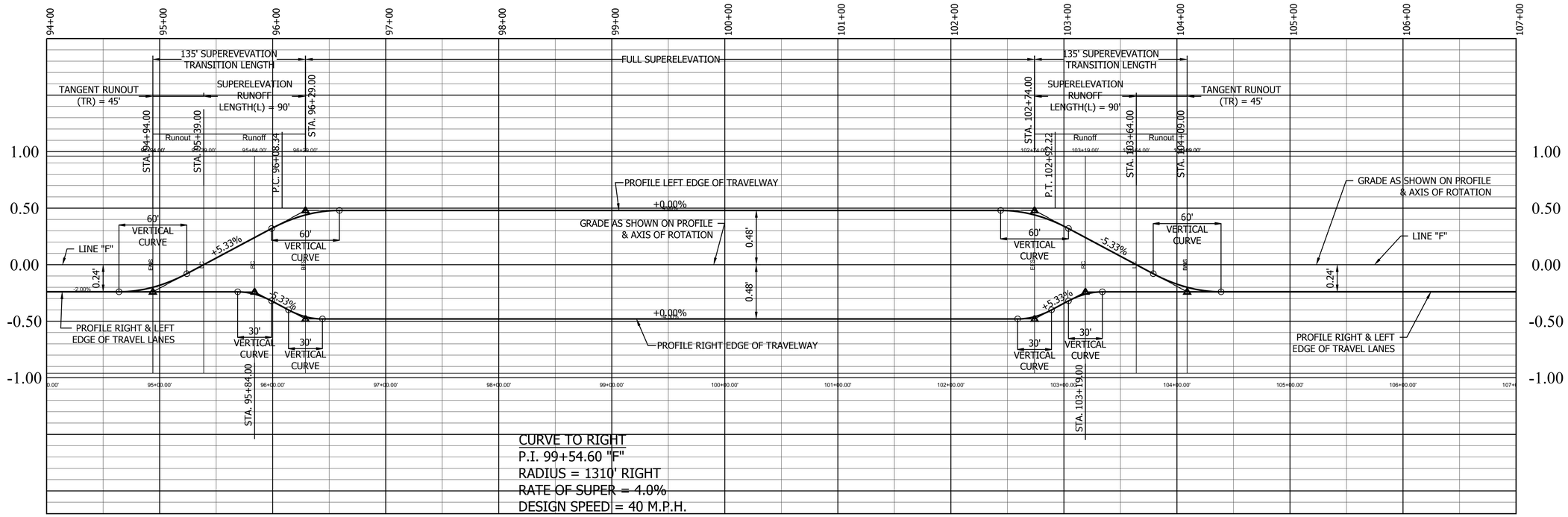
CHECKED: LLC CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAMS
LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	28 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:37 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06A SUPERELEVATION\BASE-SUPERELEVATION-276 PHASE II.DWG



CURVE TO RIGHT
P.I. 99+54.60 "F"
RADIUS = 1310' RIGHT
RATE OF SUPER = 4.0%
DESIGN SPEED = 40 M.P.H.

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:37 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06A SUPERELEVATION\BASE-SUPERELEVATION-276 PHASE II.DWG

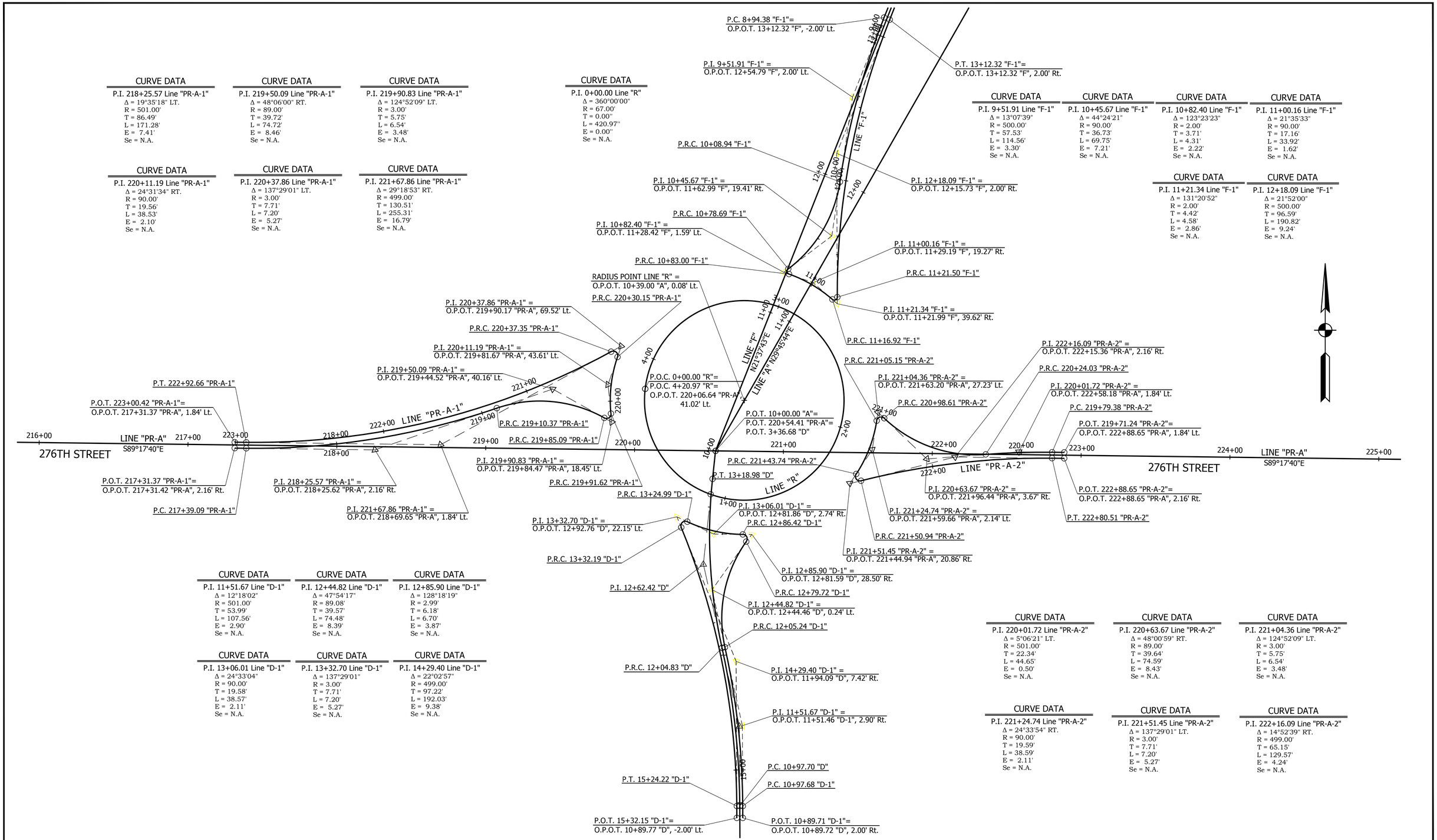
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: YZ
DRAWN: KRU
CHECKED: LLC
CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAMS
LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	29 of 158
CONTRACT	PROJECT
R-39726	1600597



CURVE DATA
P.I. 218+25.57 Line "PR-A-1"
Δ = 19°35'18" LT.
R = 501.00'
T = 86.49'
L = 171.28'
E = 7.41'
Se = N.A.

CURVE DATA
P.I. 219+50.09 Line "PR-A-1"
Δ = 48°06'00" RT.
R = 89.00'
T = 39.72'
L = 74.72'
E = 8.46'
Se = N.A.

CURVE DATA
P.I. 219+90.83 Line "PR-A-1"
Δ = 124°52'09" LT.
R = 3.00'
T = 5.75'
L = 6.54'
E = 3.48'
Se = N.A.

CURVE DATA
P.I. 0+00.00 Line "R"
Δ = 360°00'00"
R = 67.00'
T = 0.00"
L = 420.97"
E = 0.00"
Se = N.A.

CURVE DATA
P.I. 9+51.91 Line "F-1"
Δ = 13°07'39"
R = 500.00'
T = 57.53'
L = 114.56'
E = 3.30'
Se = N.A.

CURVE DATA
P.I. 10+45.67 Line "F-1"
Δ = 44°24'21"
R = 90.00'
T = 36.73'
L = 69.75'
E = 7.21'
Se = N.A.

CURVE DATA
P.I. 10+82.40 Line "F-1"
Δ = 123°23'23"
R = 2.00'
T = 3.71'
L = 4.31'
E = 2.22'
Se = N.A.

CURVE DATA
P.I. 11+00.16 Line "F-1"
Δ = 21°35'33"
R = 90.00'
T = 17.16'
L = 33.92'
E = 1.62'
Se = N.A.

CURVE DATA
P.I. 220+11.19 Line "PR-A-1"
Δ = 24°31'34" RT.
R = 90.00'
T = 19.56'
L = 38.53'
E = 2.10'
Se = N.A.

CURVE DATA
P.I. 220+37.86 Line "PR-A-1"
Δ = 137°29'01" LT.
R = 3.00'
T = 7.71'
L = 7.20'
E = 5.27'
Se = N.A.

CURVE DATA
P.I. 221+67.86 Line "PR-A-1"
Δ = 29°18'53" RT.
R = 499.00'
T = 130.51'
L = 255.31'
E = 16.79'
Se = N.A.

CURVE DATA
P.I. 11+21.34 Line "F-1"
Δ = 131°20'52"
R = 2.00'
T = 4.42'
L = 4.58'
E = 2.86'
Se = N.A.

CURVE DATA
P.I. 12+18.09 Line "F-1"
Δ = 21°52'00"
R = 500.00'
T = 96.59'
L = 190.82'
E = 9.24'
Se = N.A.

CURVE DATA
P.I. 11+51.67 Line "D-1"
Δ = 12°18'02"
R = 501.00'
T = 53.99'
L = 107.56'
E = 2.90'
Se = N.A.

CURVE DATA
P.I. 12+44.82 Line "D-1"
Δ = 47°54'17"
R = 89.08'
T = 39.57'
L = 74.48'
E = 8.39'
Se = N.A.

CURVE DATA
P.I. 12+85.90 Line "D-1"
Δ = 128°18'19"
R = 2.99'
T = 6.18'
L = 6.70'
E = 3.87'
Se = N.A.

CURVE DATA
P.I. 13+06.01 Line "D-1"
Δ = 24°33'04"
R = 90.00'
T = 19.58'
L = 38.57'
E = 2.11'
Se = N.A.

CURVE DATA
P.I. 13+32.70 Line "D-1"
Δ = 137°29'01"
R = 3.00'
T = 7.71'
L = 7.20'
E = 5.27'
Se = N.A.

CURVE DATA
P.I. 14+29.40 Line "D-1"
Δ = 22°02'57"
R = 499.00'
T = 97.22'
L = 192.03'
E = 9.38'
Se = N.A.

CURVE DATA
P.I. 220+01.72 Line "PR-A-2"
Δ = 5°06'21" LT.
R = 501.00'
T = 22.34'
L = 44.65'
E = 0.50'
Se = N.A.

CURVE DATA
P.I. 220+63.67 Line "PR-A-2"
Δ = 48°00'59" RT.
R = 89.00'
T = 39.64'
L = 74.59'
E = 8.43'
Se = N.A.

CURVE DATA
P.I. 221+04.36 Line "PR-A-2"
Δ = 124°52'09" LT.
R = 3.00'
T = 5.75'
L = 6.54'
E = 3.48'
Se = N.A.

CURVE DATA
P.I. 221+24.74 Line "PR-A-2"
Δ = 24°33'54" RT.
R = 90.00'
T = 19.59'
L = 38.59'
E = 2.11'
Se = N.A.

CURVE DATA
P.I. 221+51.45 Line "PR-A-2"
Δ = 137°29'01" LT.
R = 3.00'
T = 7.71'
L = 7.20'
E = 5.27'
Se = N.A.

CURVE DATA
P.I. 222+16.09 Line "PR-A-2"
Δ = 14°52'39" RT.
R = 499.00'
T = 65.15'
L = 129.57'
E = 4.24'
Se = N.A.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RDS DRAWN: REW

CHECKED: LLC CHECKED: LLC

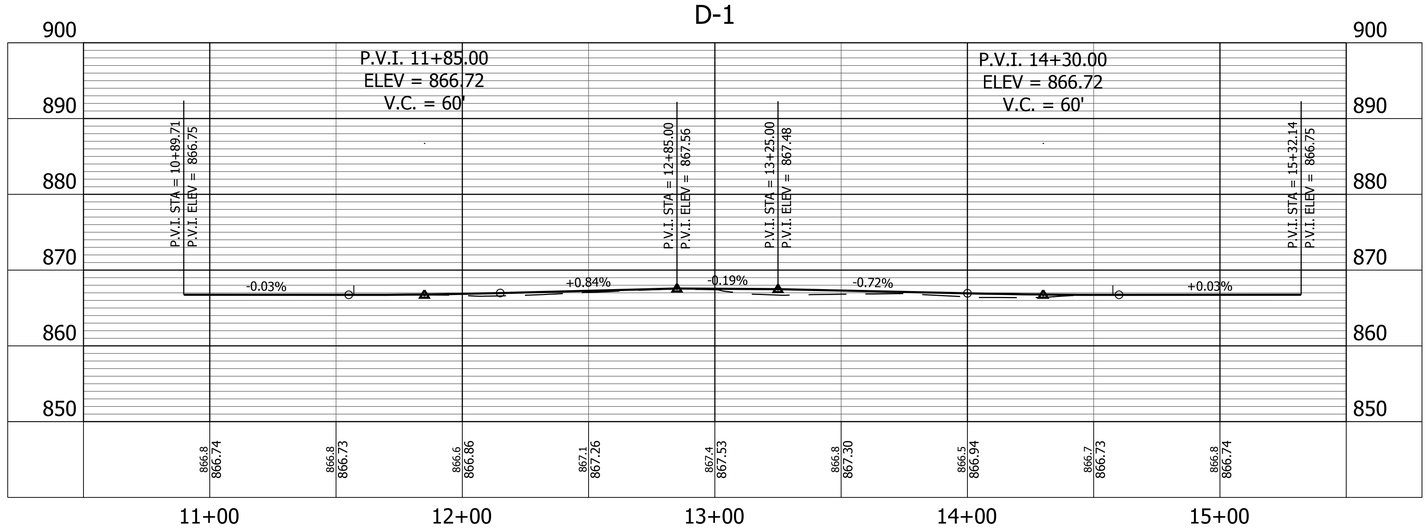
INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC DETAILS

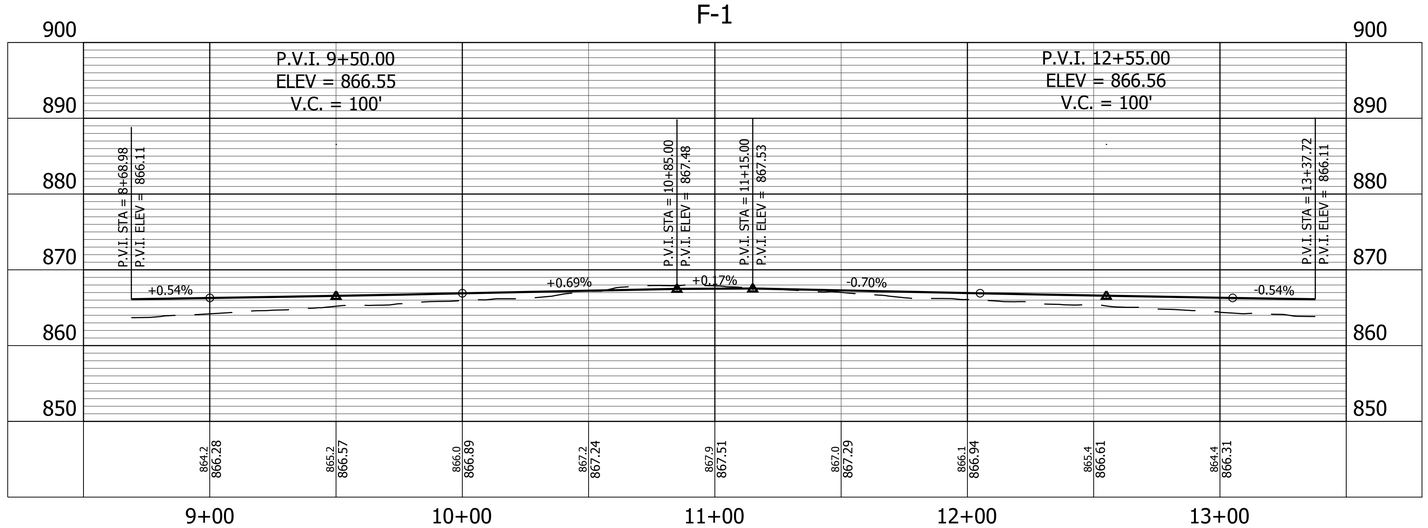
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	30 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:53 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\CAD\04A GEO TIE-UP\RD_ALIGNMENT_DETAIL_A_30_01.DWG

D-1

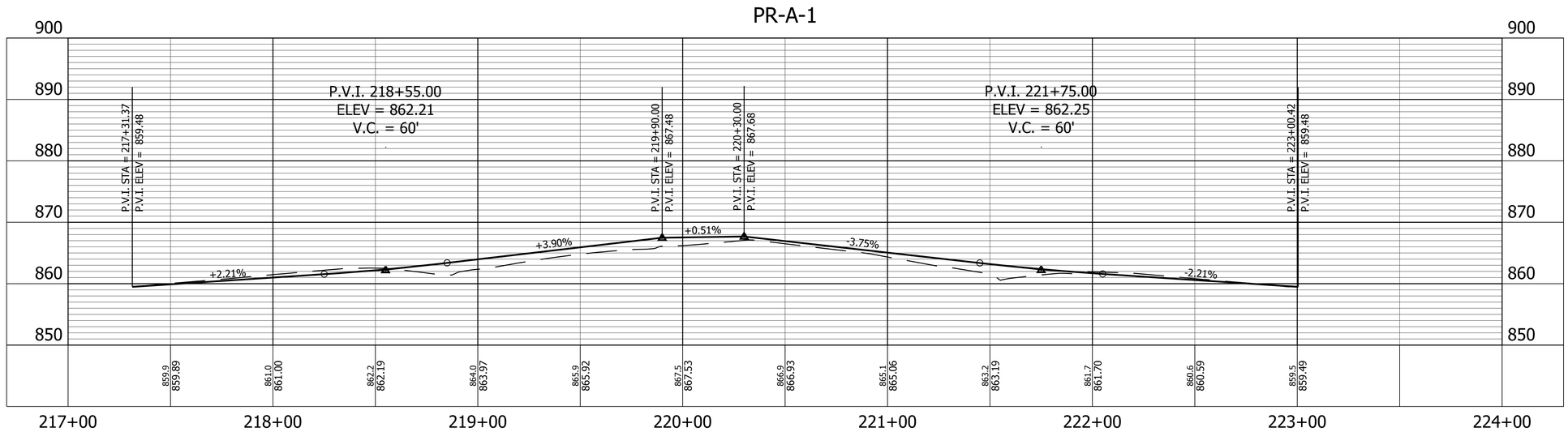


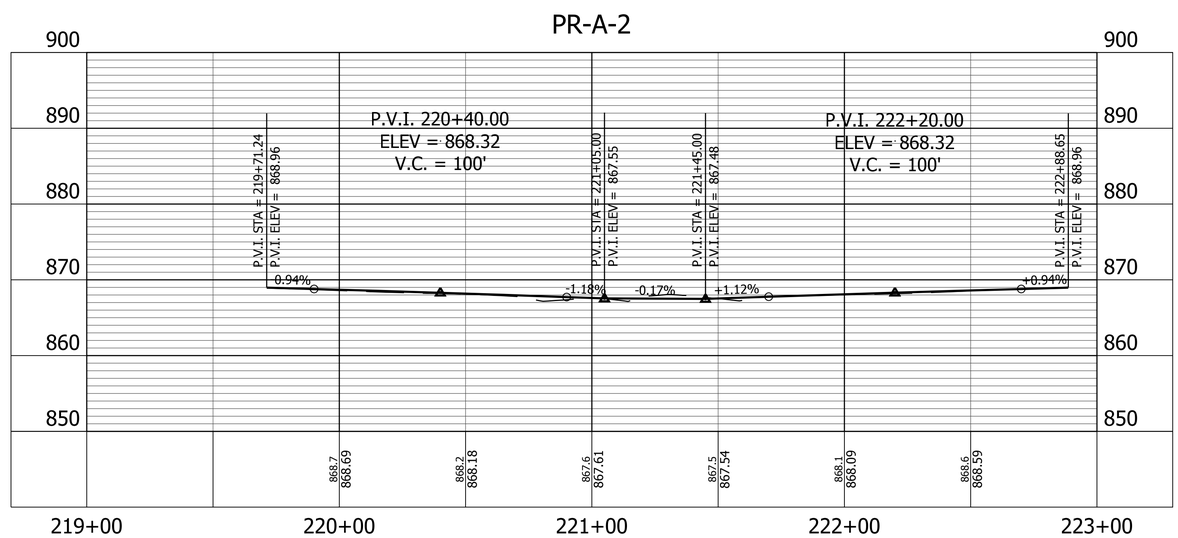
F-1



RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 30'	BRIDGE FILE: N/A
		VERTICAL SCALE: 1" = 10'	DESIGNATION: 1600597
DESIGNED: RDS / DRAWN: REW	ALIGNMENT PROFILES	SURVEY BOOK:	SHEET: 31 of 158
CHECKED: LLC / CHECKED: LLC		CONTRACT: R-39726	PROJECT: 1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:53 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\CAD\04A GEO TIE-UP\RD_ALIGNMENT_DETAIL_A_30_01.DWG





RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: RDS DRAWN: REW

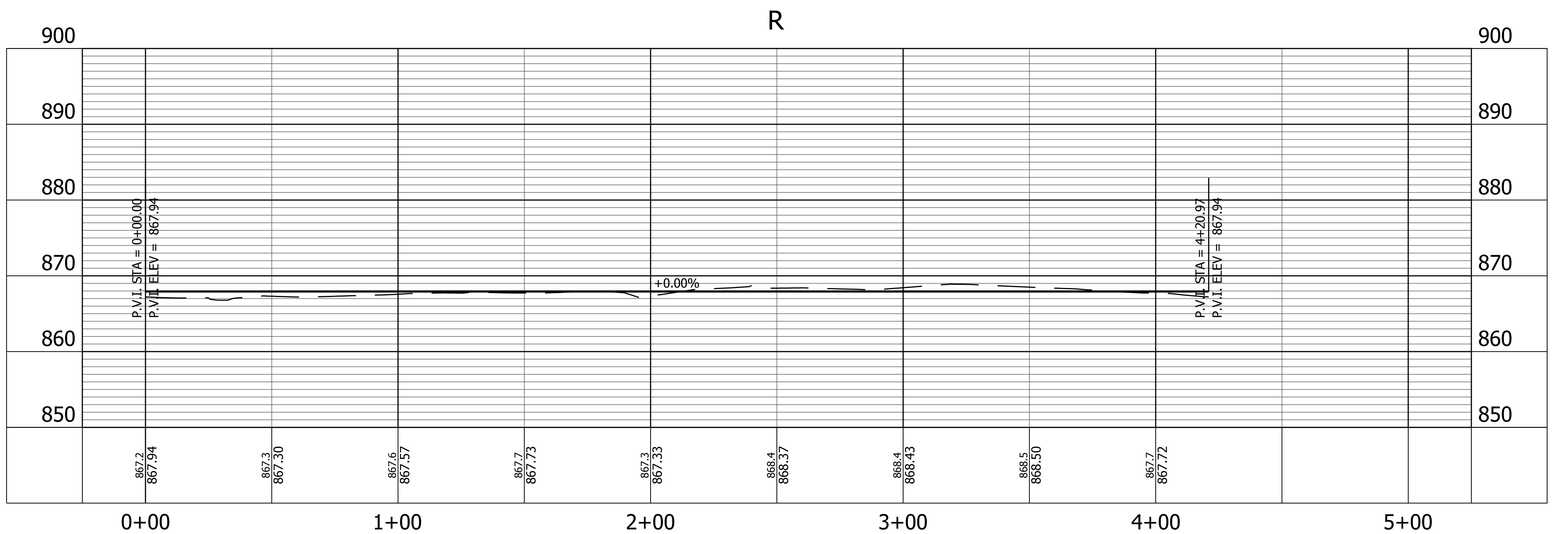
CHECKED: LLC CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

ALIGNMENT PROFILES

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1600597
SURVEY BOOK	SHEET
	32 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:53 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\04A GEO TIE-UP\RD_ALIGNMENT_DETAIL_A_30_01.DWG



RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: RDS DRAWN: REW

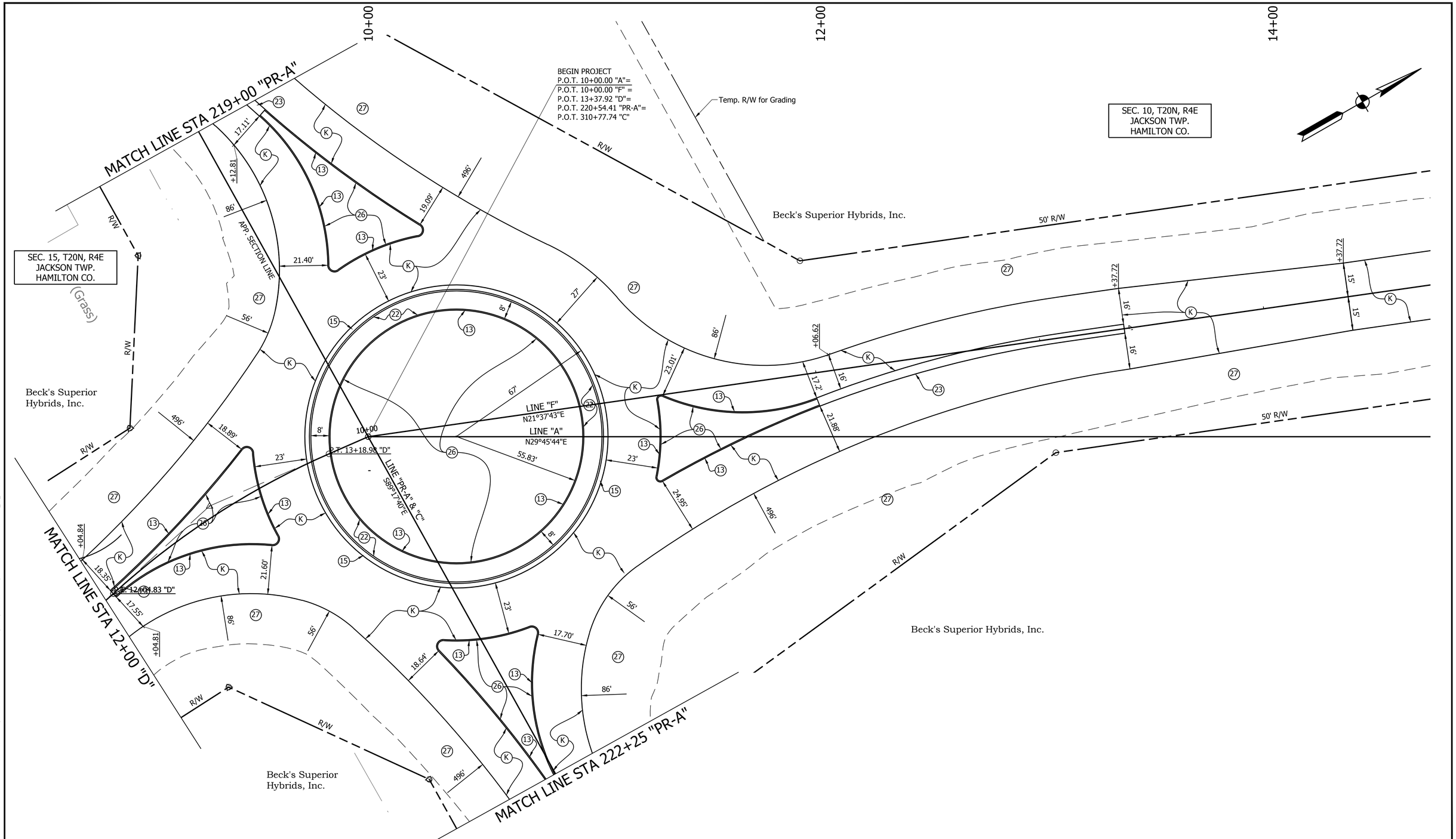
CHECKED: LLC CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

ALIGNMENT PROFILES

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1600597
SURVEY BOOK	SHEET
	33 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 12:53 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\04A GEO TIE-UP\RD_ALIGNMENT_DETAIL_A_30_01.DWG



LEGEND

- (K) Full Depth Asphalt Pavement, 165 LB/SYD QC/QA HMA, 2, 64, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 64, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 64, Base 19 mm, on 3" Compacted Aggregate Base, No. 53, on Subgrade Treatment, Type IB
- (K2) 1.5" Milling and Overlay, 165 LB/SYD QC/QA HMA, 3, 64, Surface 9.5 mm, on 1-1/2" Milling
- (D) HMA for Approaches, 165 LB/SYD HMA Surface Type B, on 385 LB/SYD HMA Intermediate Type B, on Subgrade Treatment, Type IIIA
- (13) Concrete Curb, 6"
- (15) Combined Curb and Gutter, Type B
- (22) Decorative Concrete, 6" on 4" Compacted Aggregate No. 53
- (23) Concrete Center Curb Type D
- (26) Sodding (Nursery)
- (27) Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RDS DRAWN: REW

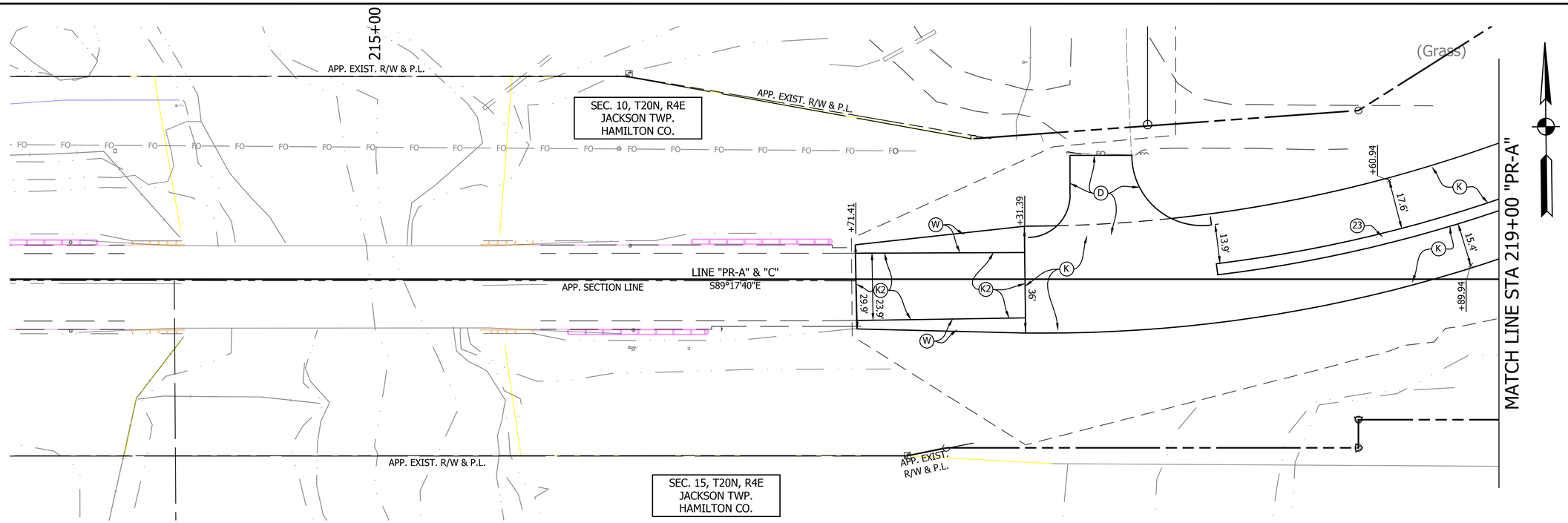
CHECKED: LLC CHECKED: LLC

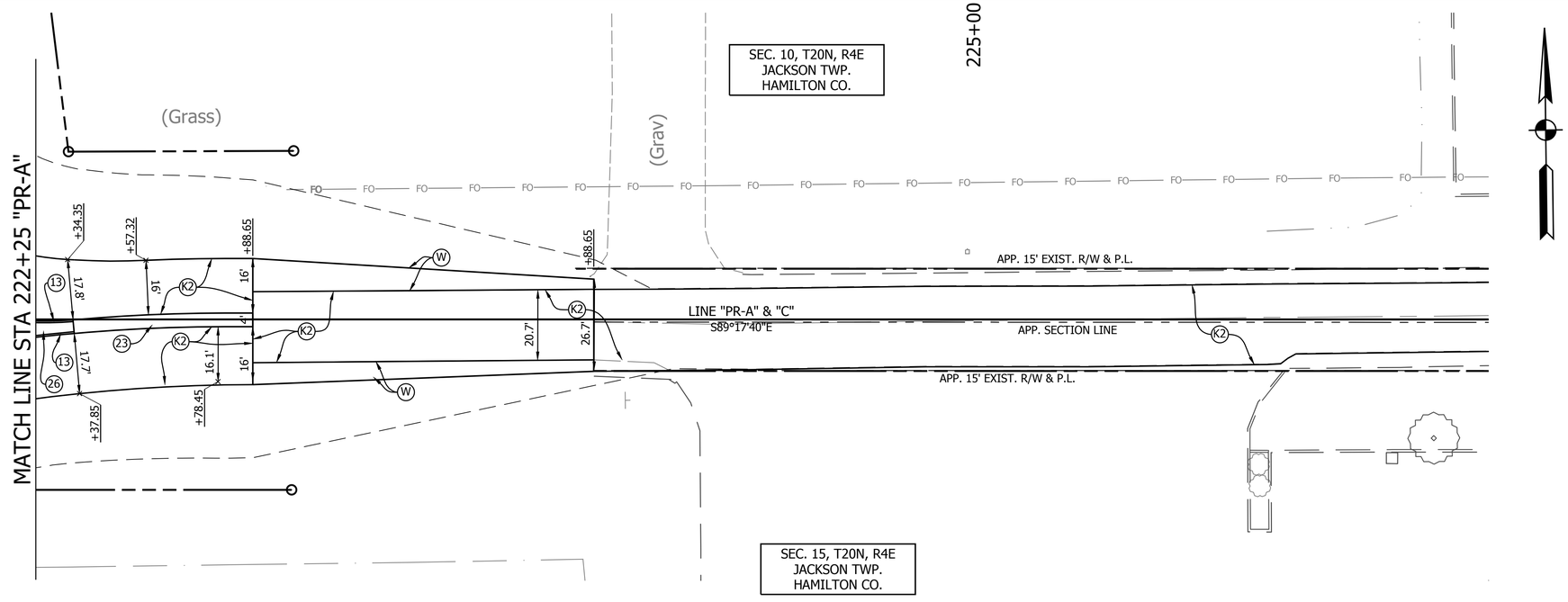
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 10+00.00 TO 14+50.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	34 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 9:24 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE III\ACAD\07 CONST DTL\SHT CONSTDETAIL-276TH II-A_20_01.DWG





NOTE: LINE "C" = LINE "A" FROM PROJECT 1383334.

LEGEND

(K) Full Depth Asphalt Pavement,
165 LB/SYD QC/QA HMA, 2, 64, Surface 9.5 mm, on
275 LB/SYD QC/QA HMA, 2, 64, Intermediate 19 mm, on
330 LB/SYD QC/QA HMA, 2, 64, Base 19 mm, on
3" Compacted Aggregate Base, No. 53, on
Subgrade Treatment, Type IB

(K2) 1.5" Milling and Overlay,
165 LB/SYD QC/QA HMA, 3, 64, Surface 9.5 mm, on
1-1/2" Milling

(D) HMA for Approaches,
165 LB/SYD HMA Surface Type B, on
385 LB/SYD HMA Intermediate Type B, on
Subgrade Treatment, Type IIIA

(13) Concrete Curb, 6"

(15) Combined Curb and Gutter, Type B

(22) Decorative Concrete, 6" on
4" Compacted Aggregate No. 53

(23) Concrete Center Curb Type D

(26) Sodding (Nursery)

(27) Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: RDS DRAWN: REW

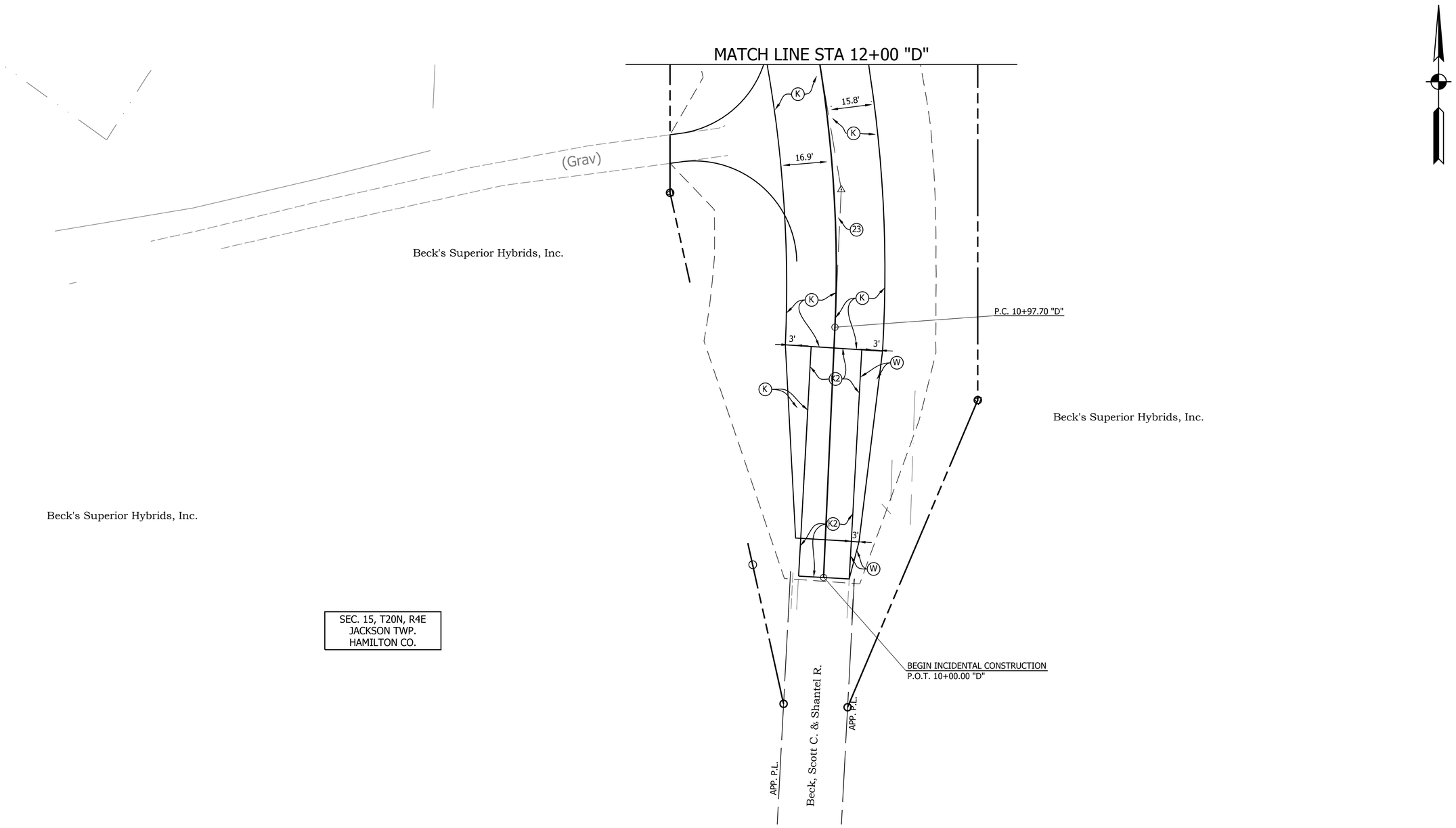
CHECKED: LLC CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	35 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 9:24 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\07 CONST DTL\SHT CONSTDETAIL-276TH II-A_20_01.DWG



SEC. 15, T20N, R4E
JACKSON TWP.
HAMILTON CO.

LEGEND

(K) Full Depth Asphalt Pavement,
165 LB/SYD QC/QA HMA, 2, 64, Surface 9.5 mm, on
275 LB/SYD QC/QA HMA, 2, 64, Intermediate 19 mm, on
330 LB/SYD QC/QA HMA, 2, 64, Base 19 mm, on
3" Compacted Aggregate Base, No. 53, on
Subgrade Treatment, Type IB

(K2) 1.5" Milling and Overlay,
165 LB/SYD QC/QA HMA, 3, 64, Surface 9.5 mm, on
1-1/2" Milling

(D) HMA for Approaches,
165 LB/SYD HMA Surface Type B, on
385 LB/SYD HMA Intermediate Type B, on
Subgrade Treatment, Type IIIA

(13) Concrete Curb, 6"

(15) Combined Curb and Gutter, Type B

(22) Decorative Concrete, 6" on
4" Compacted Aggregate No. 53

(23) Concrete Center Curb Type D

(26) Sodding (Nursery)

(27) Seed Mixture, U

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: RDS DRAWN: REW

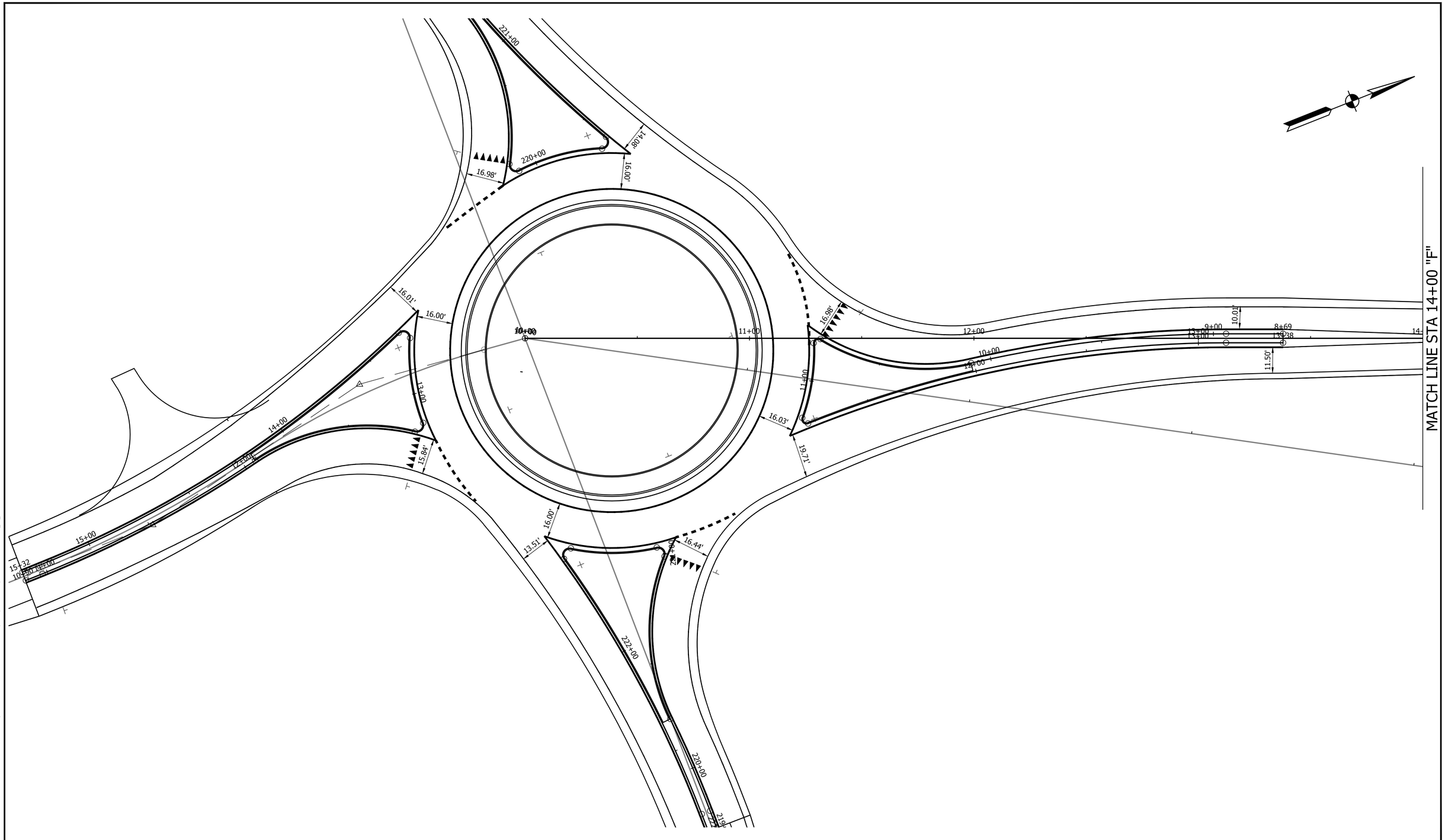
CHECKED: LLC CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 10+00.00 TO 12+00.00 LINE "D"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	36 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 9:24 AM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\CAD\07 CONST DTL\SHT CONSTDETAIL-276TH II-A_20_01.DWG



LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U

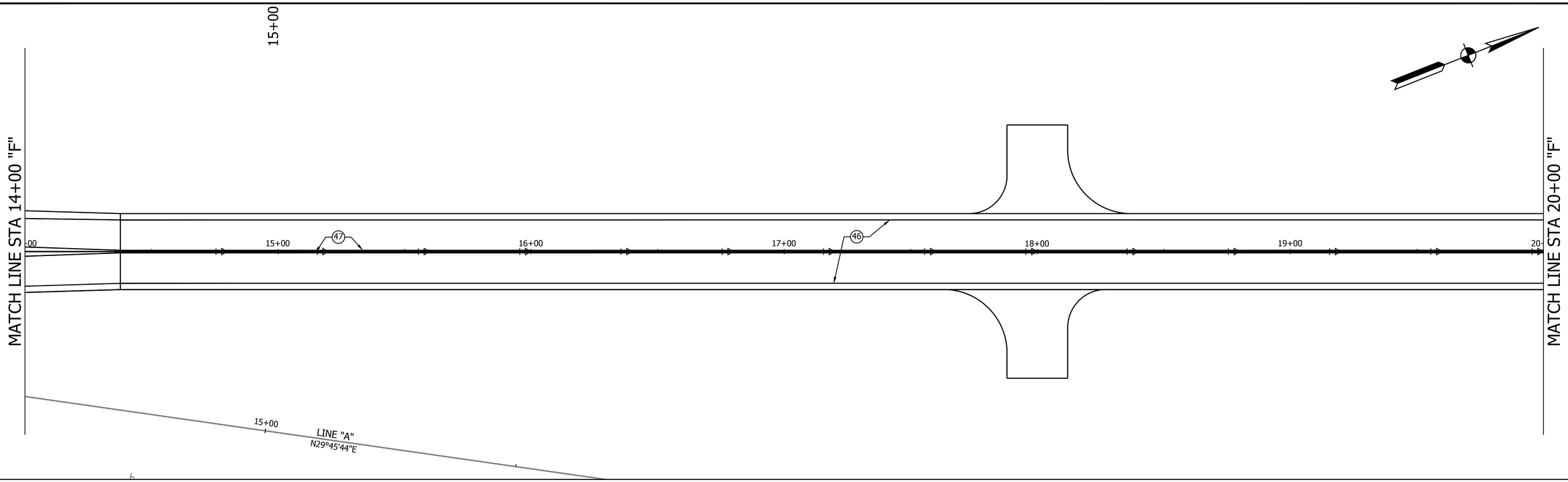
CHECKED: L.L.C. CHECKED: L.L.C.

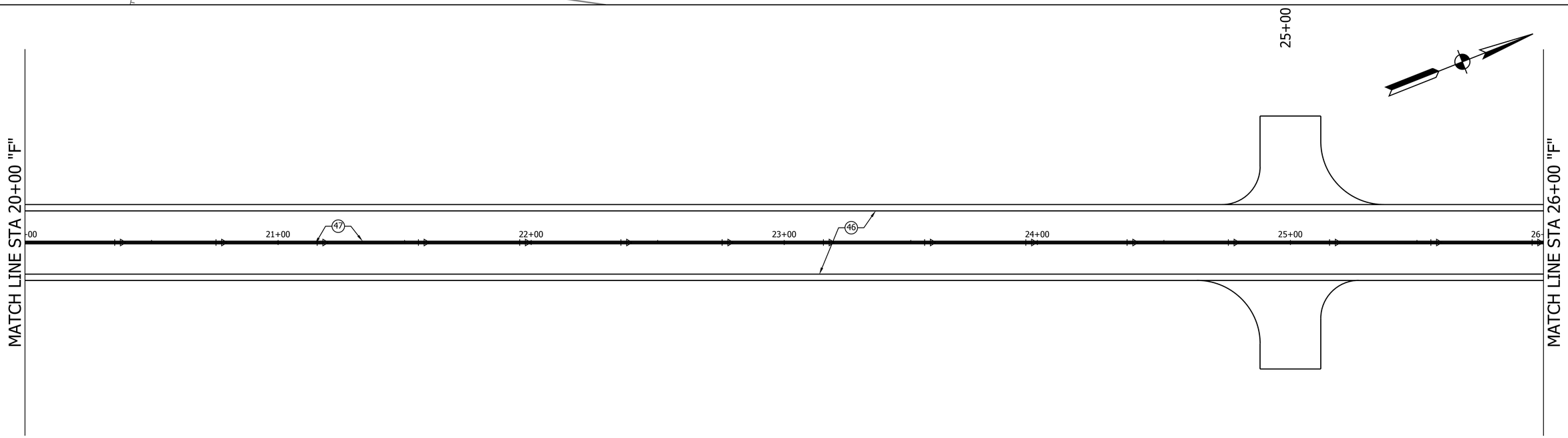
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 10+00.00 TO 14+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	37 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE III\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

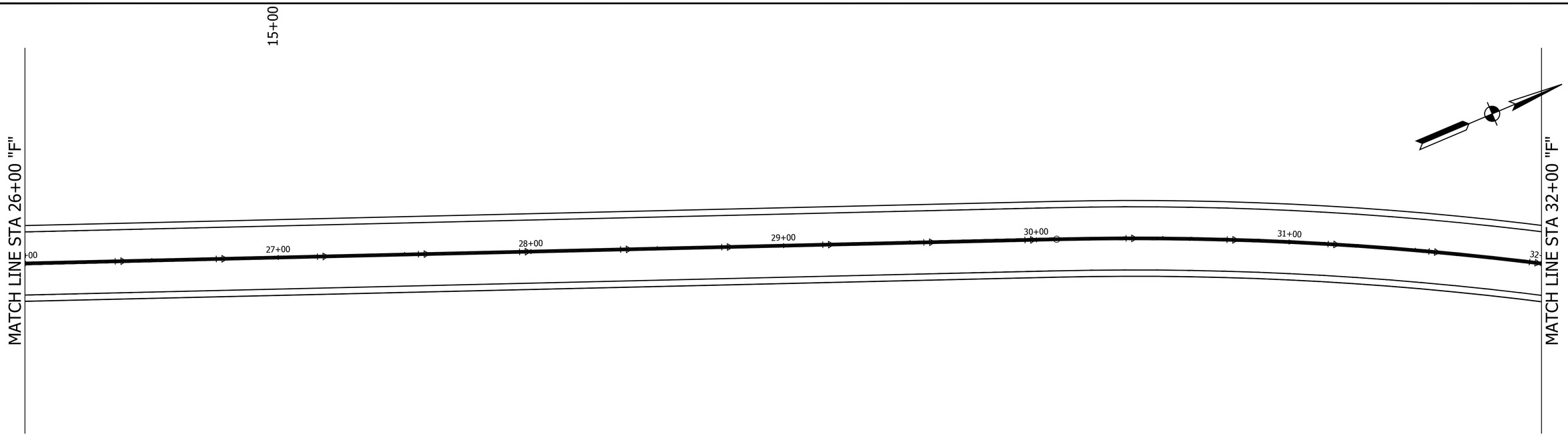
CHECKED: L.L.C. CHECKED: L.L.C.

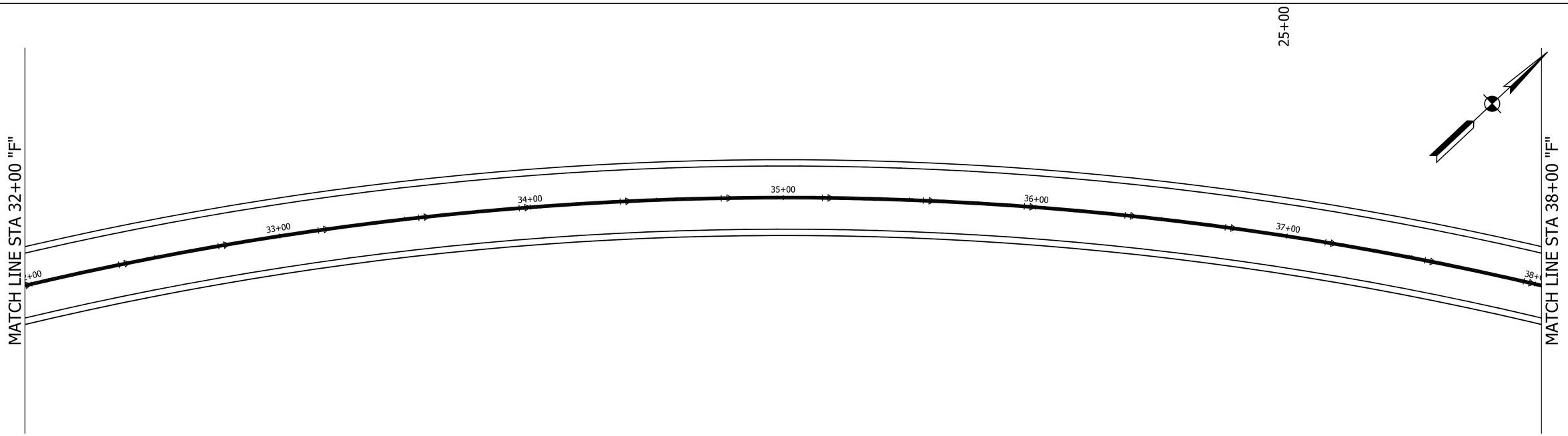
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 14+00.00 TO 26+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	38 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

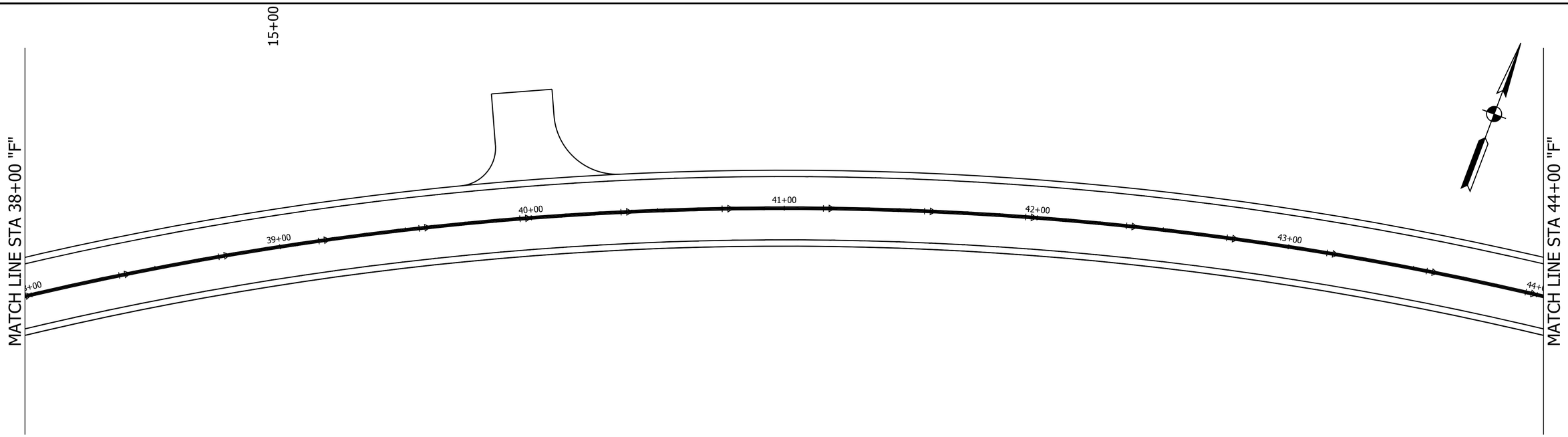
CHECKED: L.L.C. CHECKED: L.L.C.

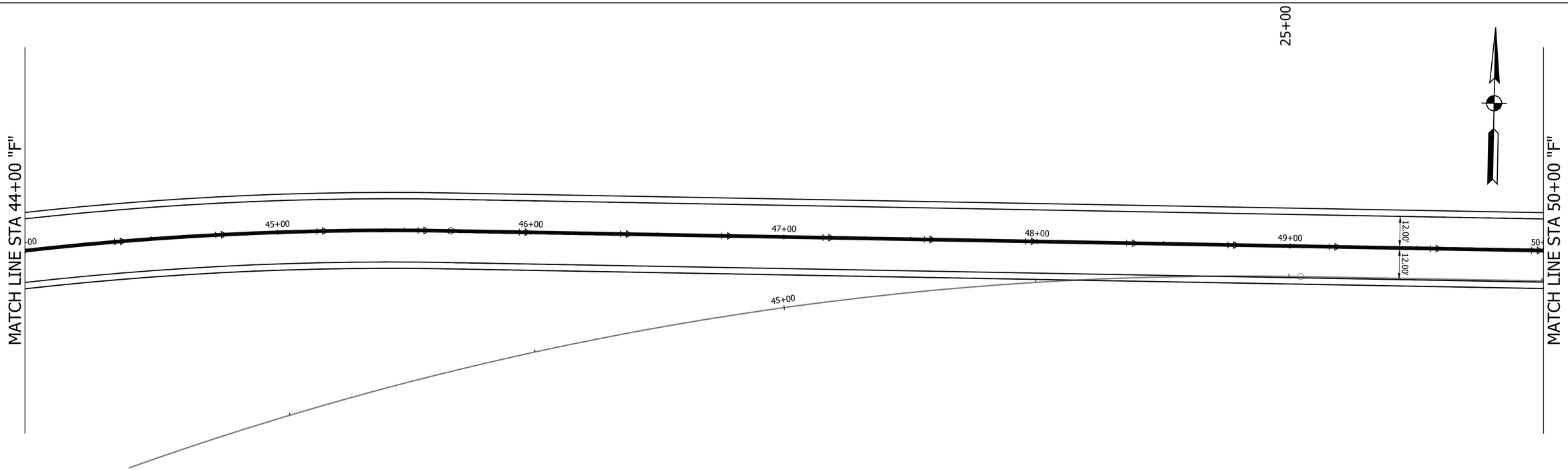
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 26+00.00 TO 38+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	39 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

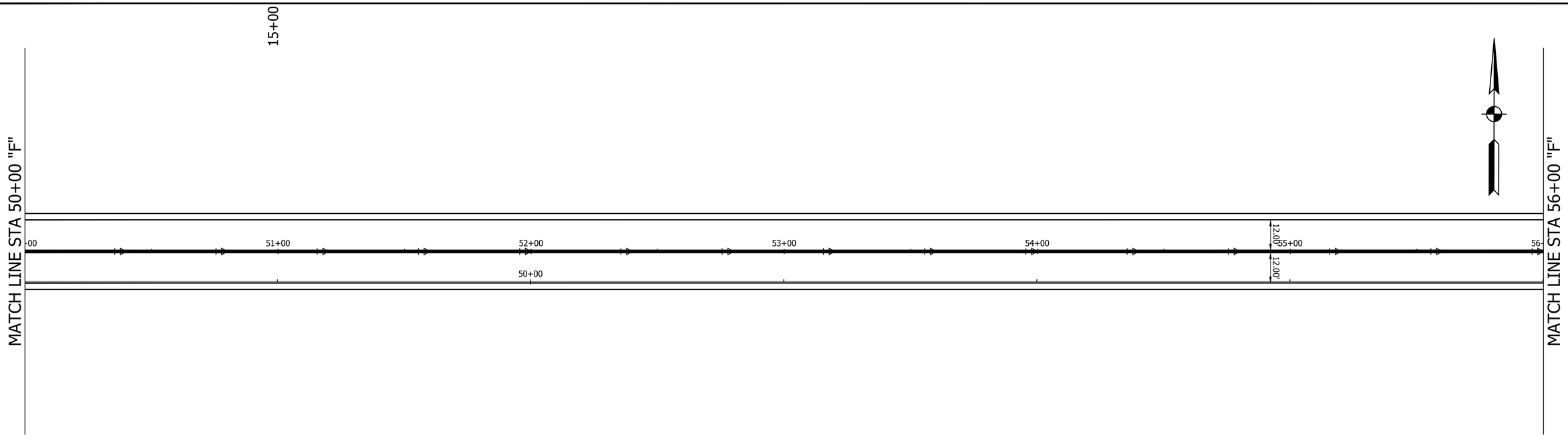
CHECKED: L.L.C. CHECKED: L.L.C.

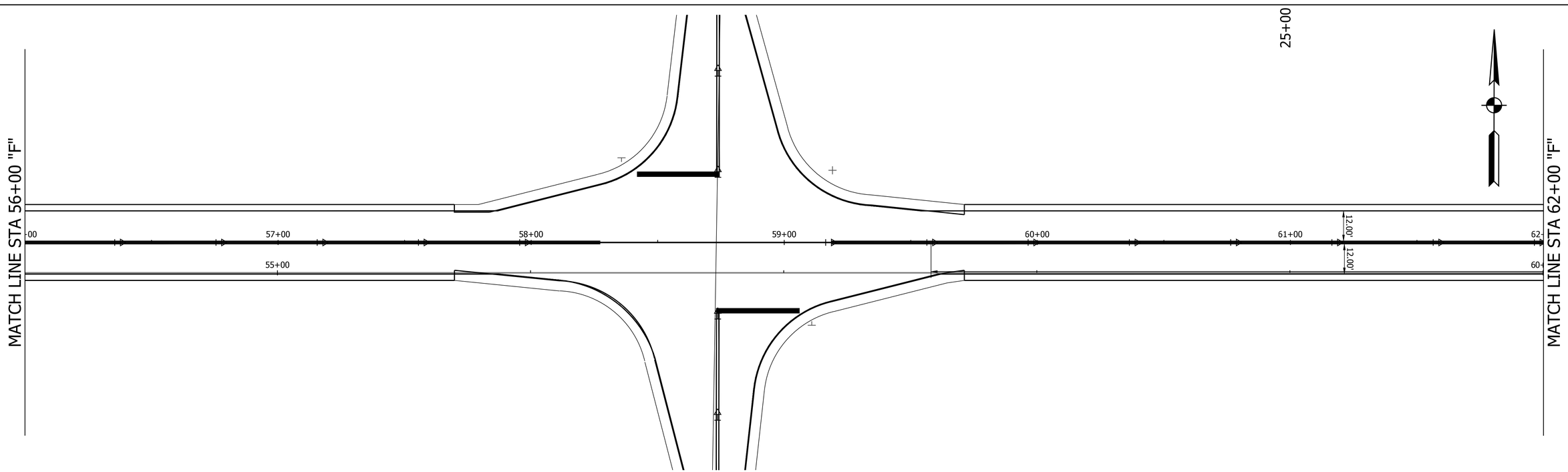
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 38+00.00 TO 50+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	40 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\CAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

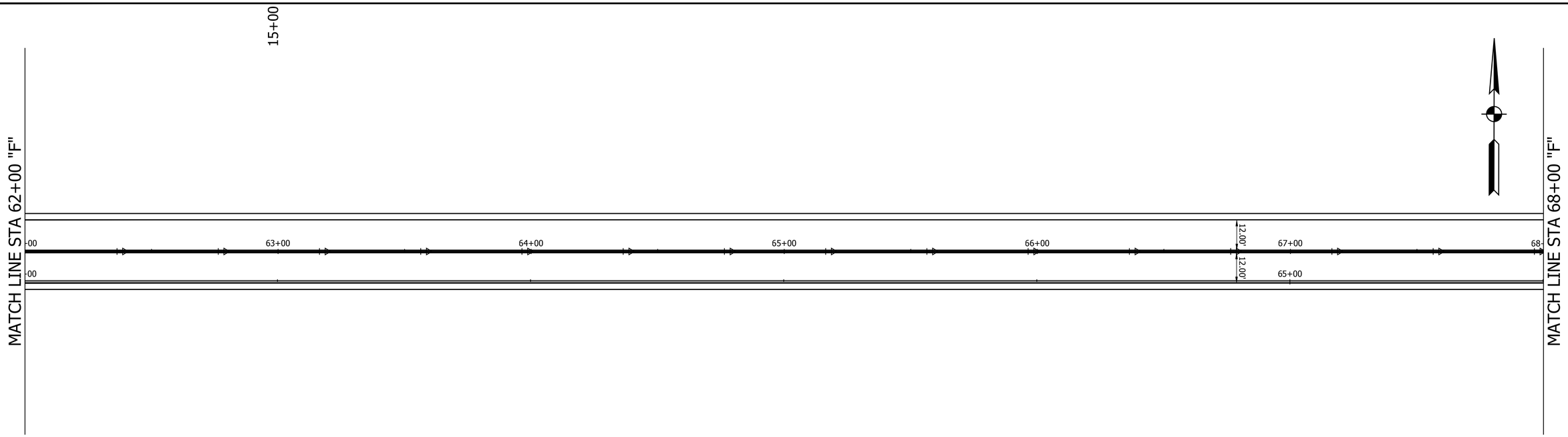
CHECKED: L.L.C. CHECKED: L.L.C.

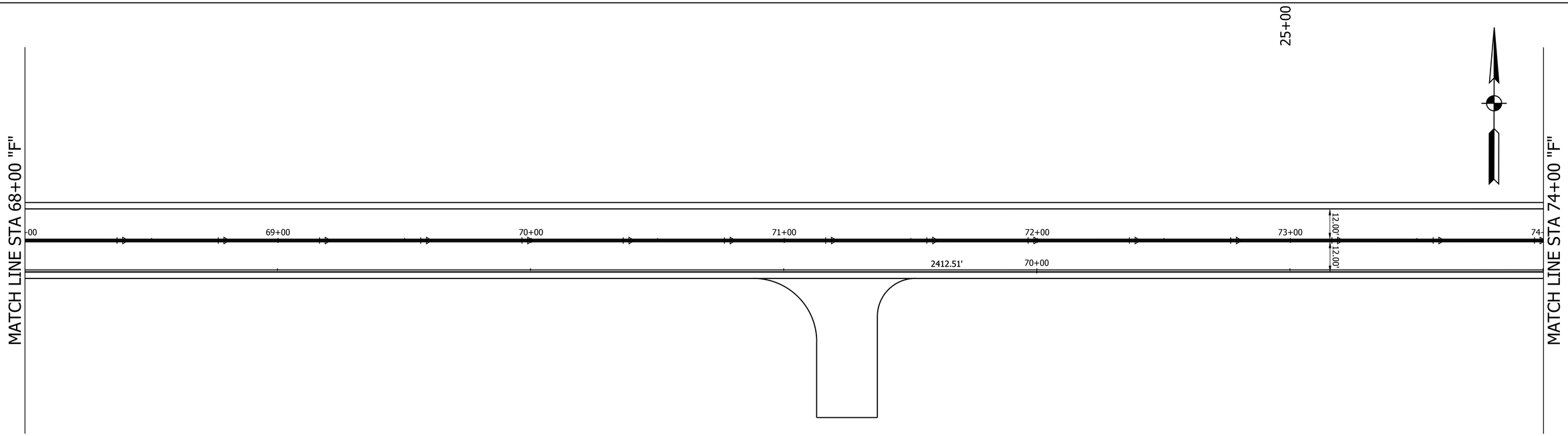
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 50+00.00 TO 62+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	41 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

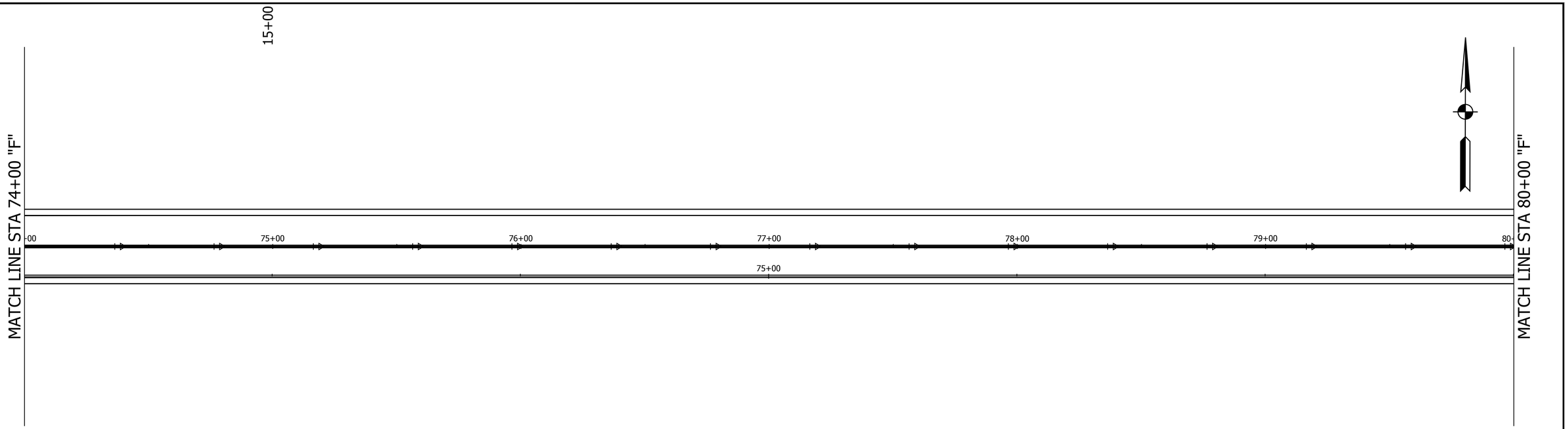
CHECKED: L.L.C. CHECKED: L.L.C.

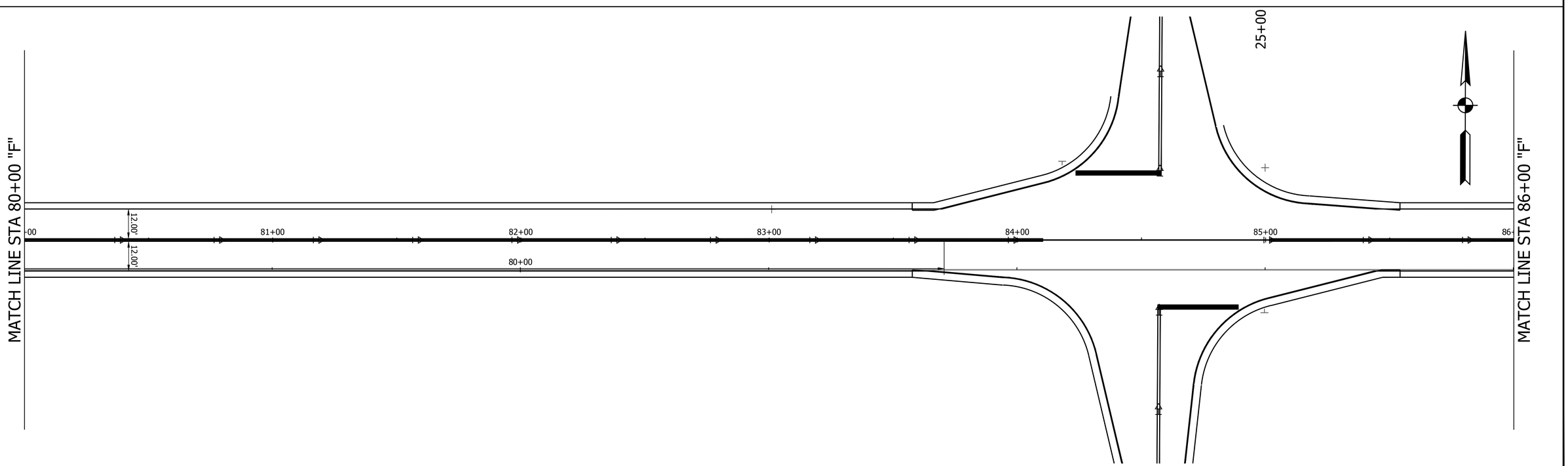
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 62+00.00 TO 74+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	42 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\HT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

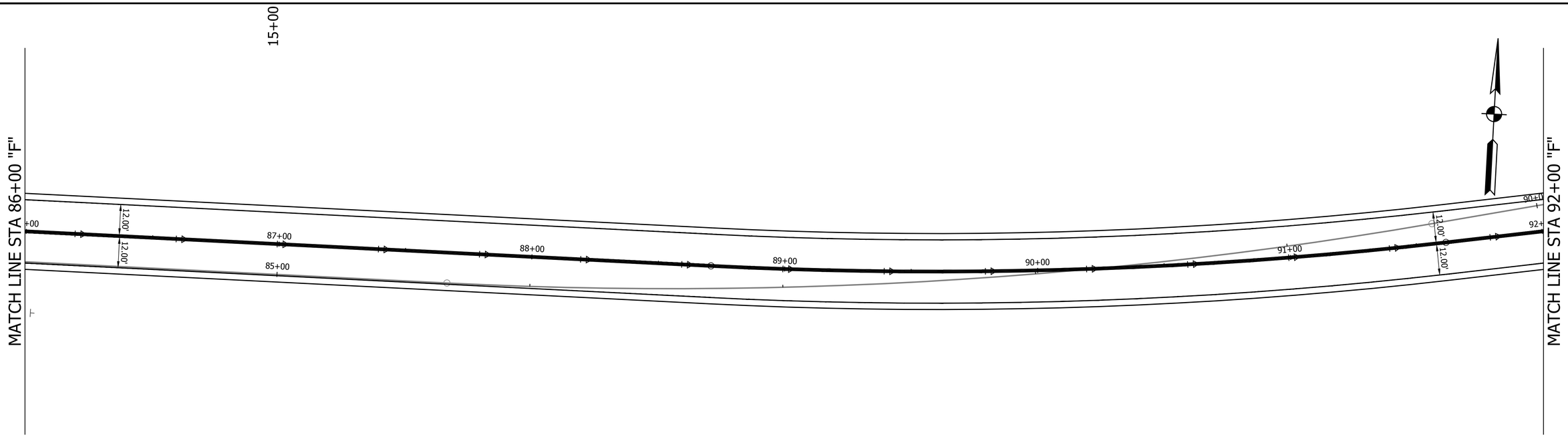
CHECKED: L.L.C. CHECKED: L.L.C.

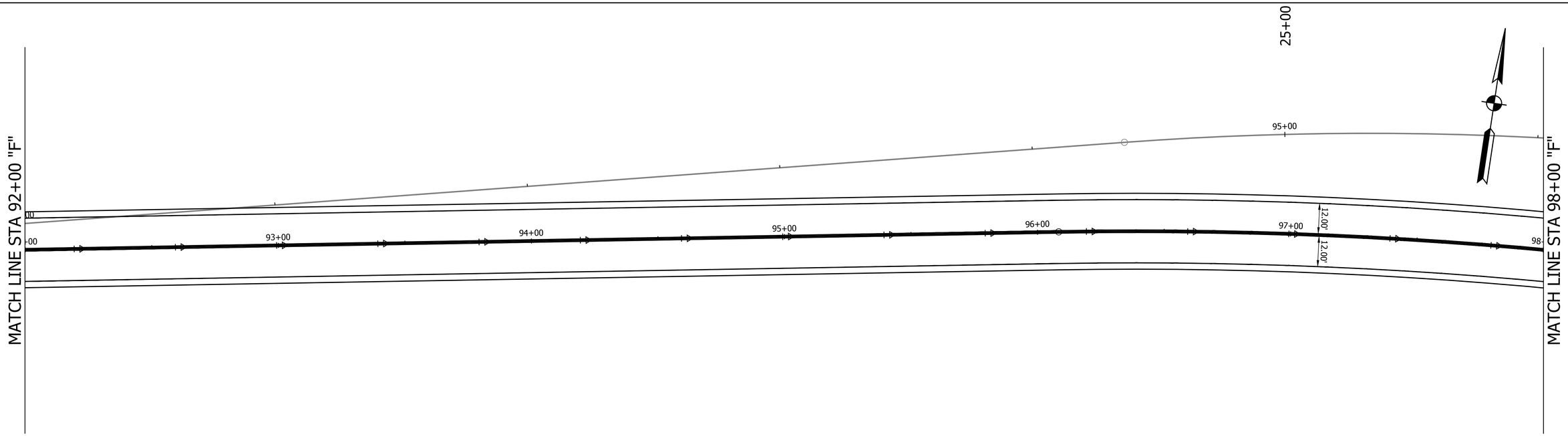
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 74+00.00 TO 86+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	43 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

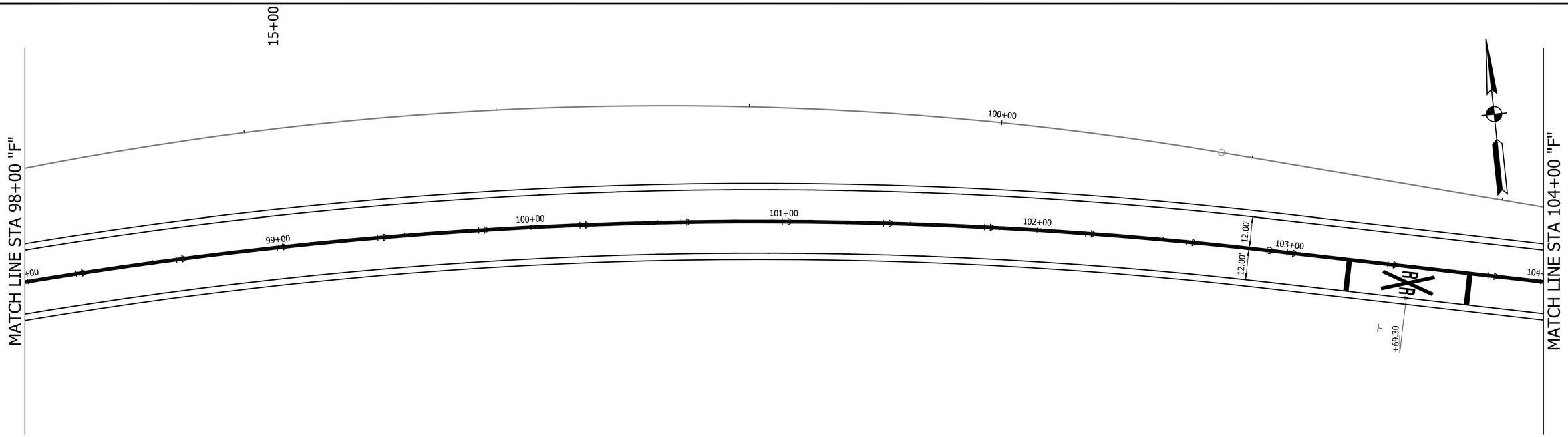
CHECKED: L.L.C. CHECKED: L.L.C.

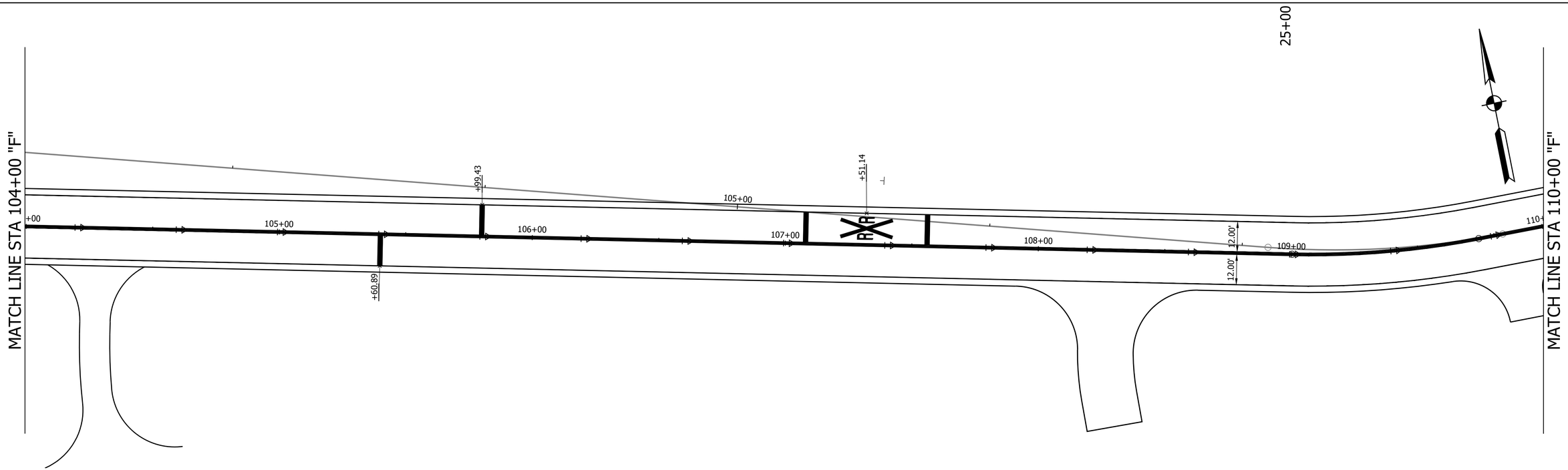
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 86+00.00 TO 98+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	44 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 98+00.00 TO 110+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	45 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\CAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG

LEGEND

37 Pavement Message Marking, Thermoplastic, R for Railroad

38 Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)

45 Transverse Marking, Thermoplastic, Stop Line, White, 24 in.

46 Line, Thermoplastic, Solid, White, 4 in.

47 Line, Thermoplastic, Solid, Yellow, 4 in.

48 Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)

49 Line, Thermoplastic, Broken, Yellow, 4 in.

55 Transverse Marking, Thermoplastic, Railroad X, White, 16 in.

56 Line, Thermoplastic, Solid, White, 8 in.

57 Line, Thermoplastic, Solid, Yellow, 8 in.

Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: K.R.U. DRAWN: K.R.U.

CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 110+00.00 TO 112+00.00 LINE "F"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1600597
SURVEY BOOK	SHEET
	46 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
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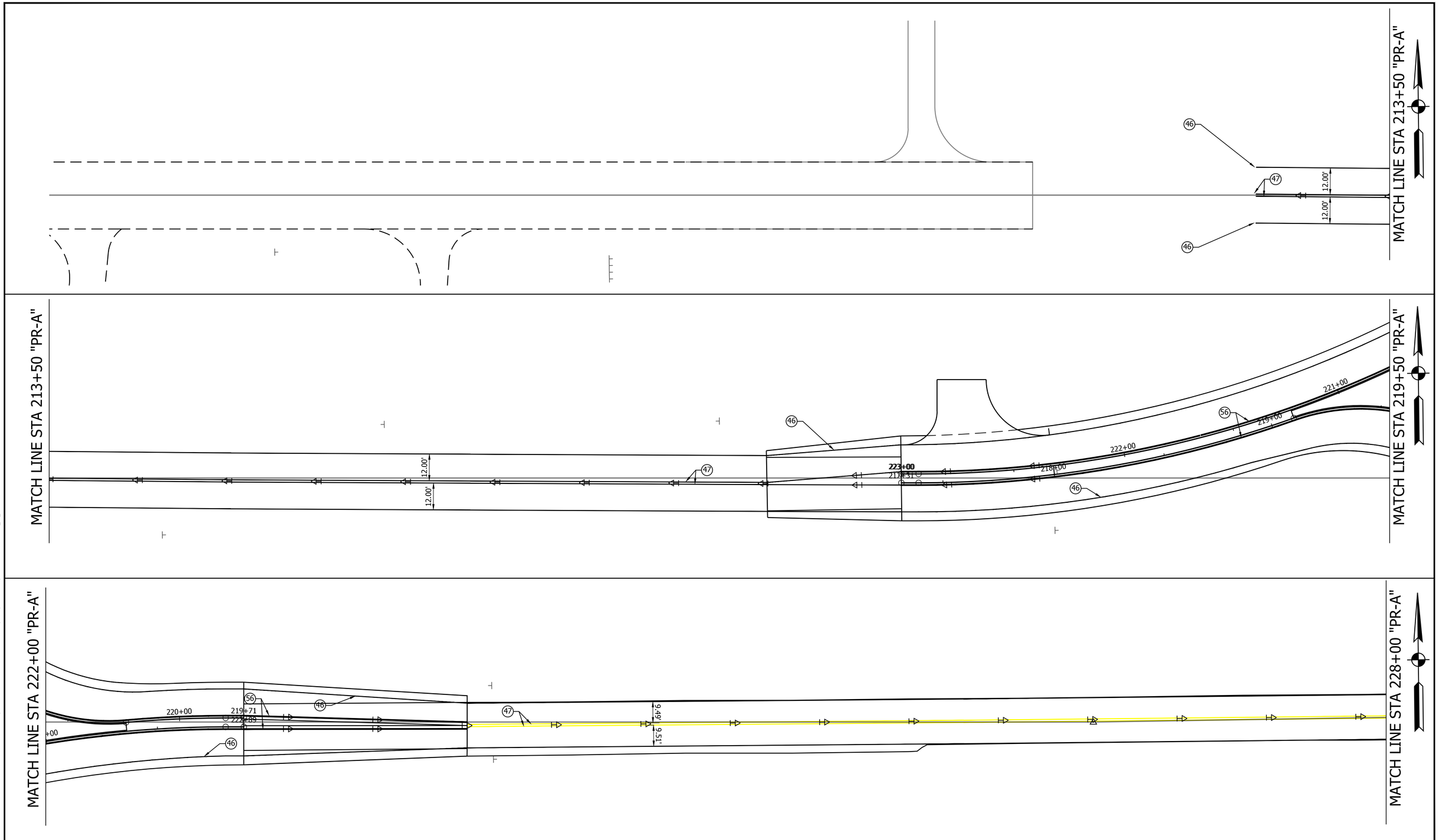


LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: JPT | DRAWN: AJF

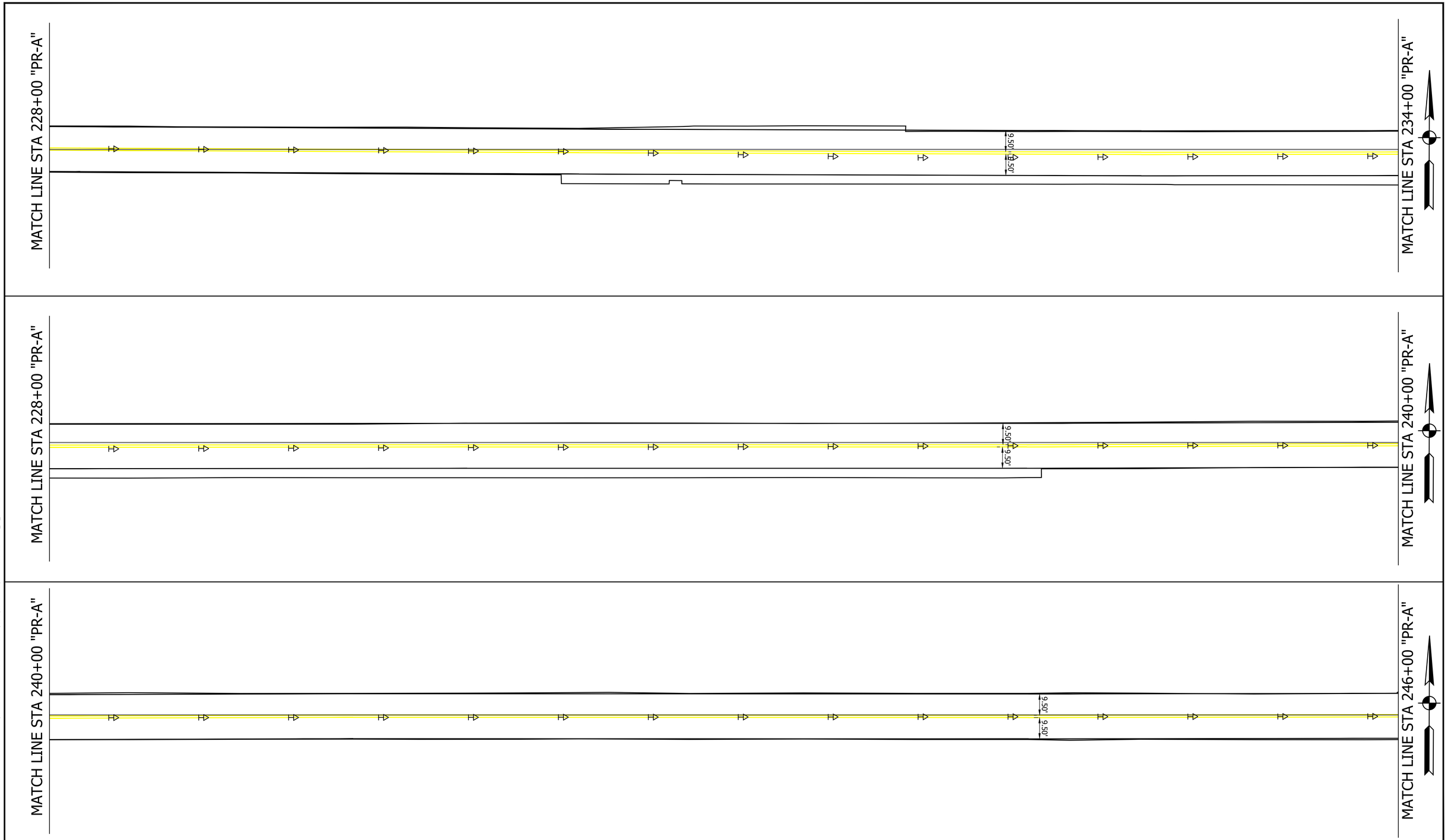
CHECKED: BCF | CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGN DETAILS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	47 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG



LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
- (48) Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)
- (49) Line, Thermoplastic, Broken, Yellow, 4 in.
- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JPT DRAWN: AJF

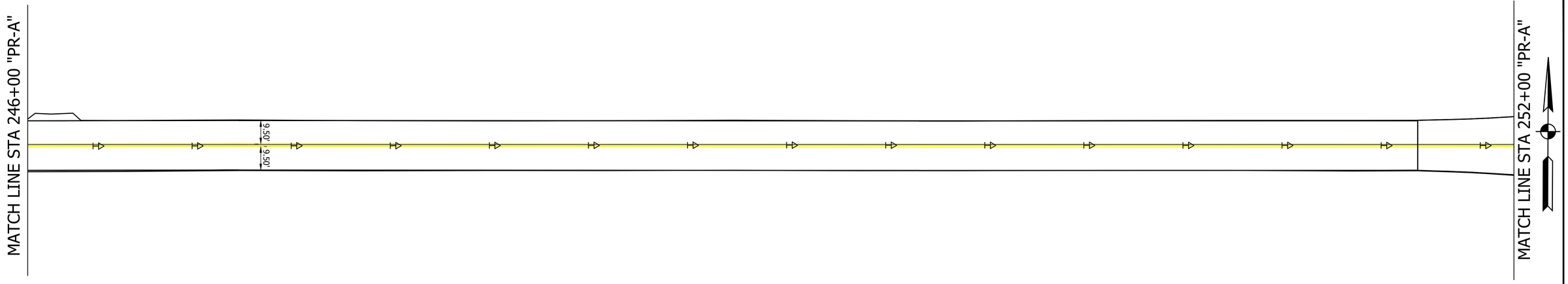
CHECKED: BCF CHECKED: LLC

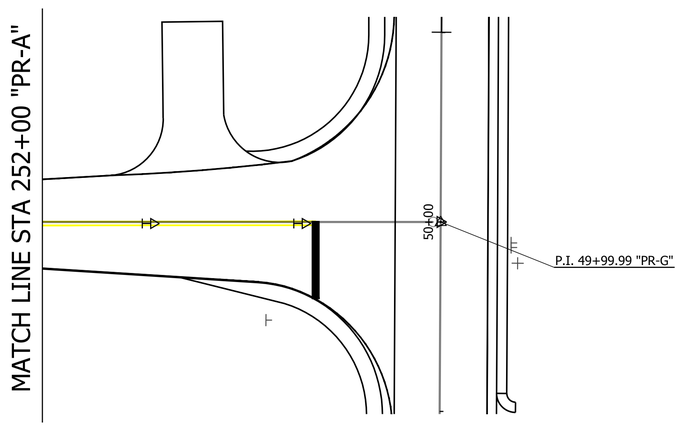
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGN DETAILS
LINE "PR-A"-2

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	48 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

37 Pavement Message Marking, Thermoplastic, R for Railroad

38 Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)

45 Transverse Marking, Thermoplastic, Stop Line, White, 24 in.

46 Line, Thermoplastic, Solid, White, 4 in.

47 Line, Thermoplastic, Solid, Yellow, 4 in.

48 Line, Thermoplastic, Broken, White, 12 in. (2' LINE, 2' GAP)

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55 Transverse Marking, Thermoplastic, Railroad X, White, 16 in.

56 Line, Thermoplastic, Solid, White, 8 in.

57 Line, Thermoplastic, Solid, Yellow, 8 in.

Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: JPT DRAWN: AJF

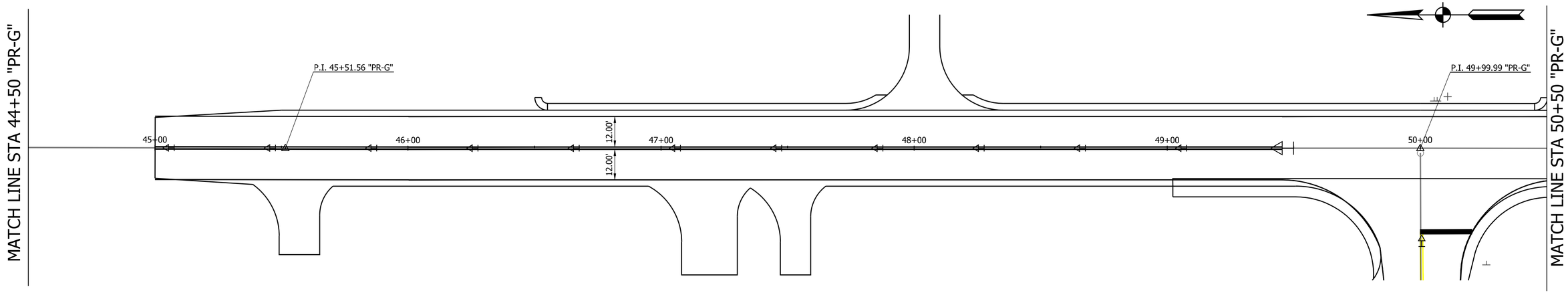
CHECKED: BCF CHECKED: LLC

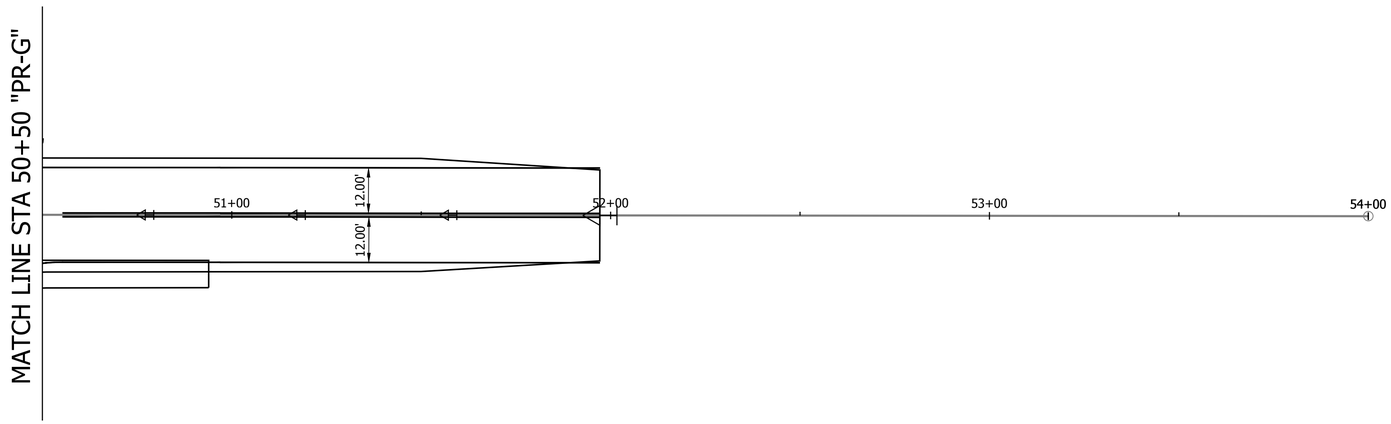
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGN DETAILS
LINE- "PR-A"-3

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	49 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\08 TRAFFIC\SHT PMARK-276TH II-A_20_01.DWG





LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
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- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: JPT DRAWN: AJF

CHECKED: BCF CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGN DETAILS
LINE "G"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	50 of 158
CONTRACT	PROJECT
R-39726	1600597

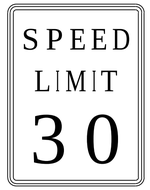
PRINT DATE: 3/1/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:10 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE III\ACAD\08 TRAFFIC\SHT PMARK-276TH III-A_20_01.DWG

R1-1

(80)

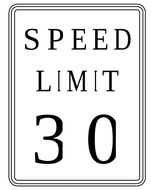
R1-2

(81)



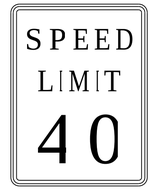
R2-1

(82)



R2-1

(83)



R2-1

(84)

R2-1

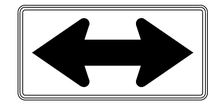
(85)

R2-1

(86)

R6-4b

(87)



W1-7

(88)

W6-1

(89)

W6-3

(90)

W10-1

(91)

R4-7

W2-6a

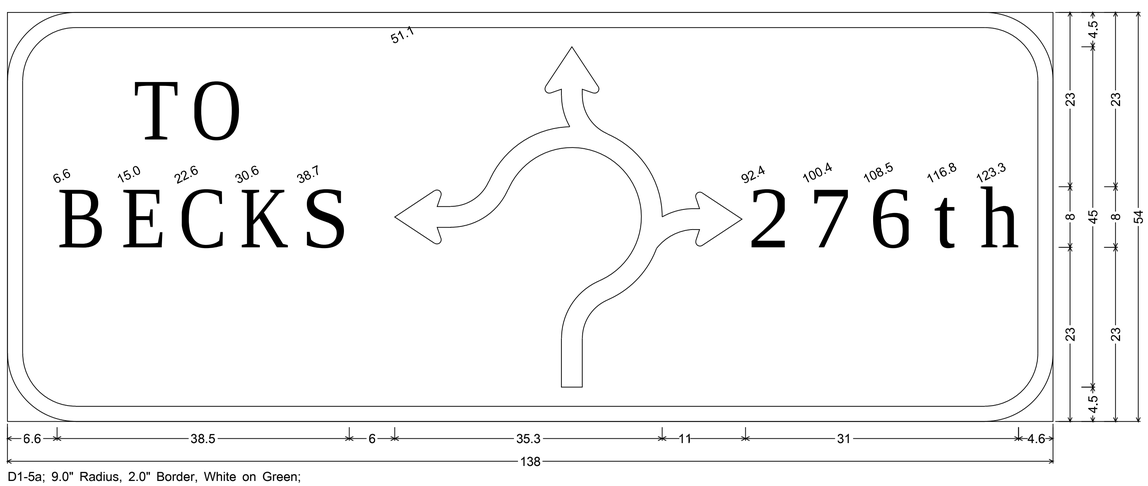
OM3-L

(92)

W16-17p

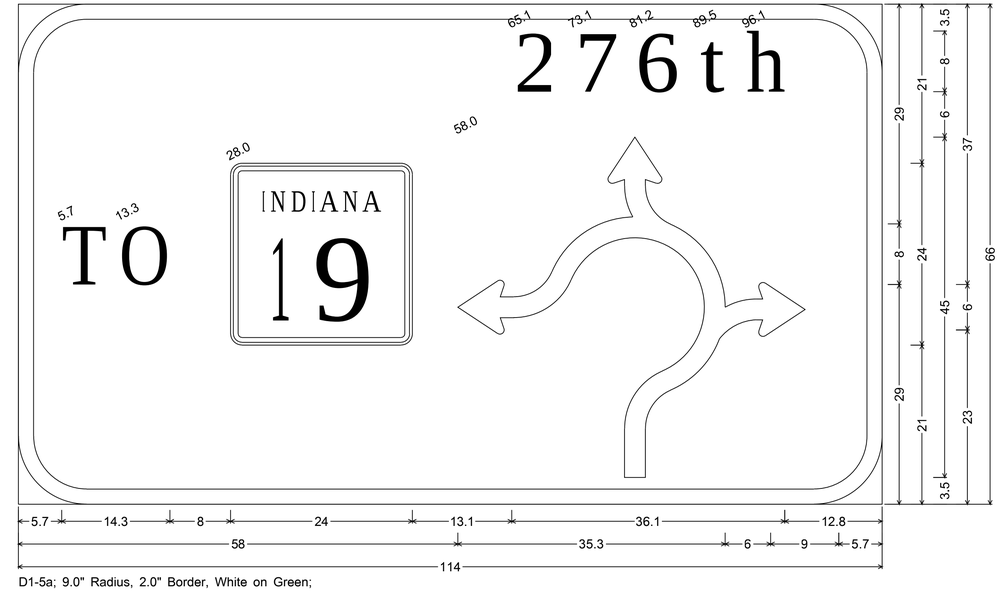
W13-1

(93)



D1-5a; 9.0" Radius, 2.0" Border, White on Green;
[BECKS] E Mod; Circular Intersection Directional Arrow_8" Text; [276th] E Mod;

(94)



D1-5a; 9.0" Radius, 2.0" Border, White on Green;
[TO] E Mod; State Highway 19 M1-6; [276th] E Mod; Circular Intersection Directional Arrow_8" Text; Arrow 6 - 9.0" 0°;

(95)

LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
- (45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- (46) Line, Thermoplastic, Solid, White, 4 in.
- (47) Line, Thermoplastic, Solid, Yellow, 4 in.
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- (55) Transverse Marking, Thermoplastic, Railroad X, White, 16 in.
- (56) Line, Thermoplastic, Solid, White, 8 in.
- (57) Line, Thermoplastic, Solid, Yellow, 8 in.
- Snowplowable Raised Pavement Marking, Two-Way, Yellow/Yellow

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: JPT DRAWN: AJF

CHECKED: BCF CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGN DETAILS
SIGNS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	51 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 3/1/18
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