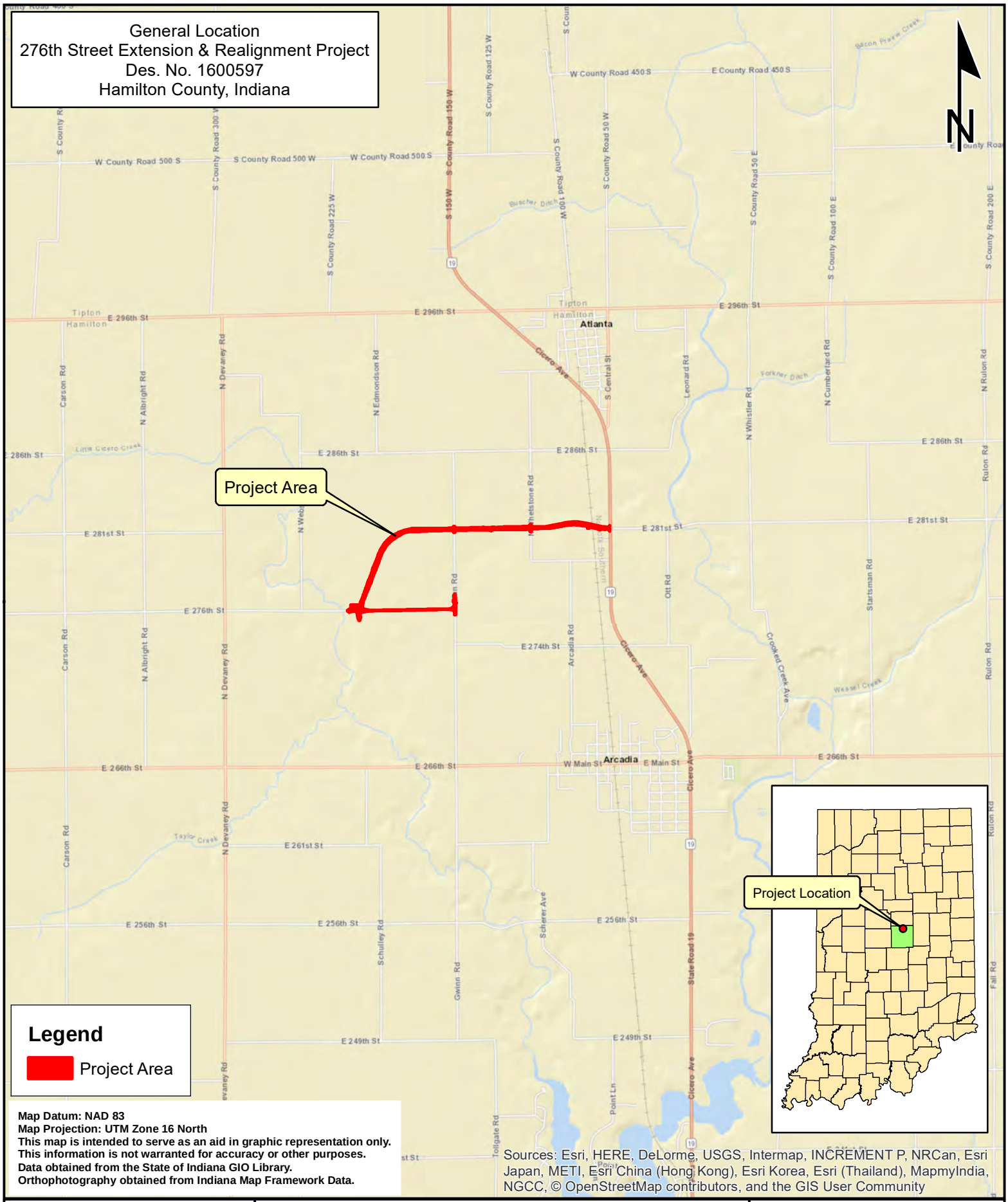
Categorical Exclusion

Appendix B

Graphics

General Location
276th Street Extension & Realignment Project
Des. No. 1600597
Hamilton County, Indiana



Map Datum: NAD 83
Map Projection: UTM Zone 16 North
This map is intended to serve as an aid in graphic representation only.
This information is not warranted for accuracy or other purposes.
Data obtained from the State of Indiana GIO Library.
Orthophotography obtained from Indiana Map Framework Data.

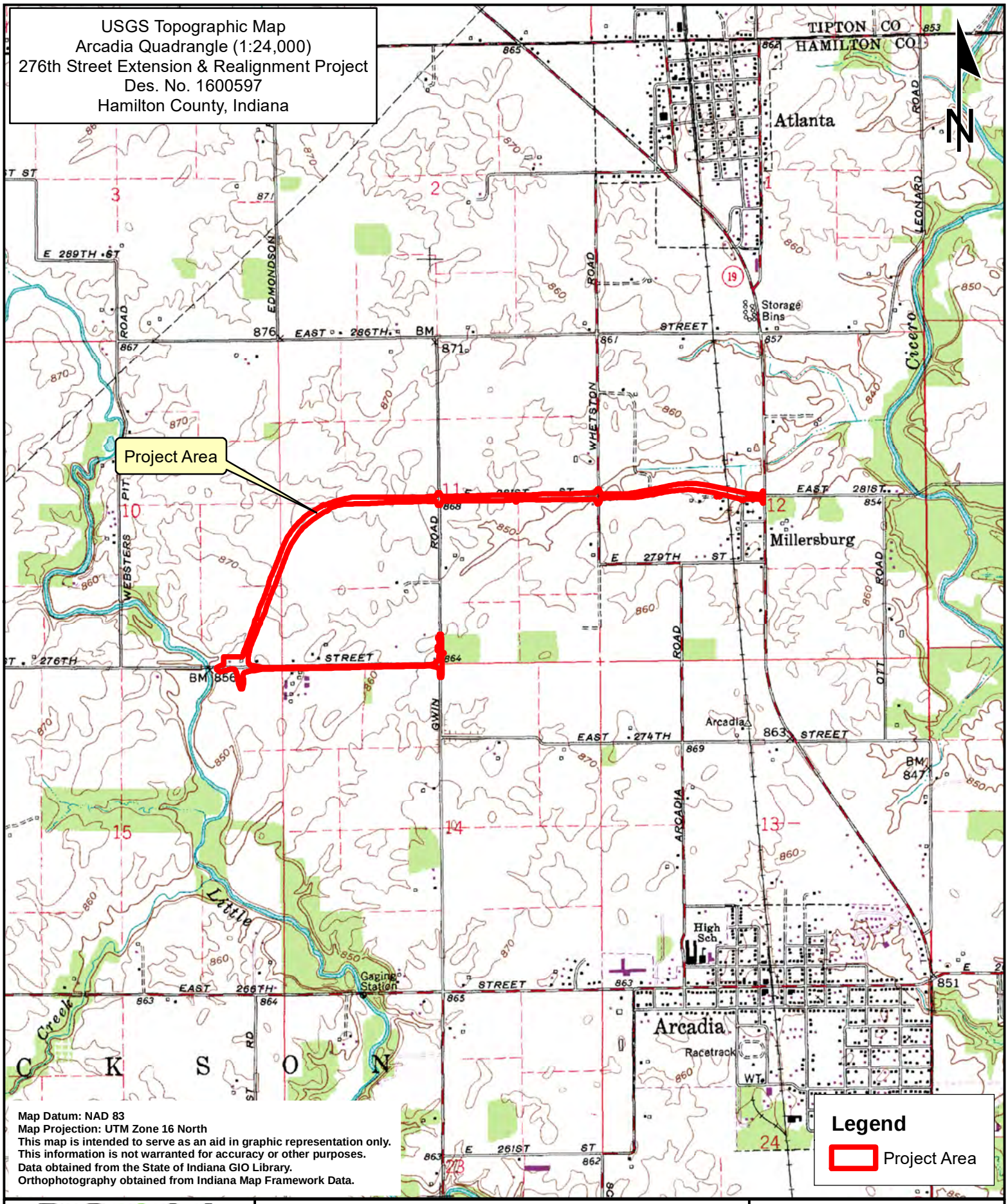
Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

RQAW ENVIRONMENTAL

General Location Map

0 0.5 1 2 Miles

Location: 276th Street
Township: Jackson
County: Hamilton



RQAW ENVIRONMENTAL

USGS Topographic Map

0 0.25 0.5 1 Miles

Location: 276th Street
Township: Jackson
County: Hamilton

2016 Aerial Photograph - Project Area Map
276th Street Realignment & Extension
Des. No. 1600597
Hamilton County, Indiana

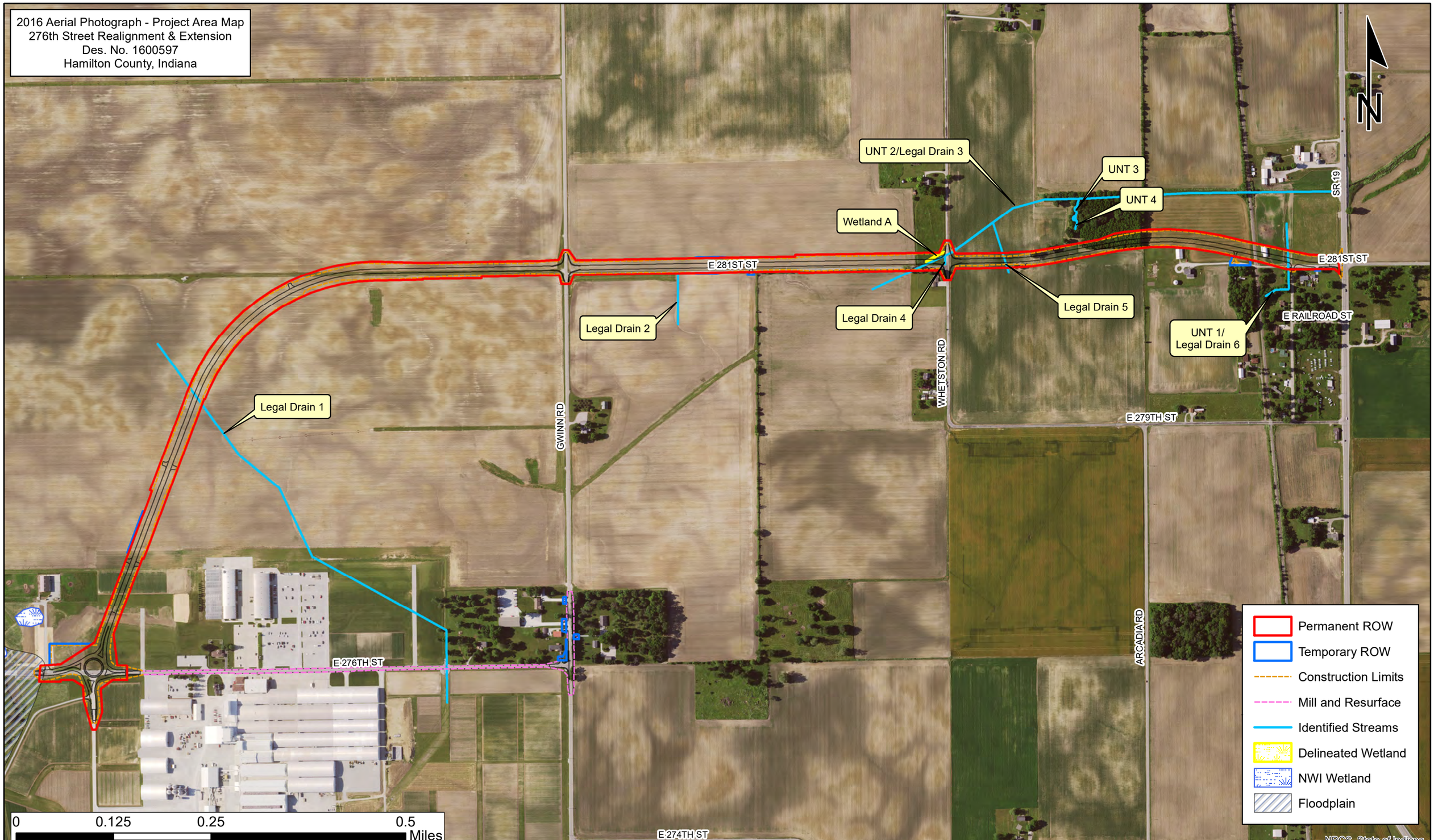
RQAW ENVIRONMENTAL

Map Datum: NAD 83
Map Projection: UTM Zone 16 North
Orthophotography and data obtained from Indiana Map Framework Data
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Refinement of Original Alignment to Preferred Alignment

0 0.125 0.25 0.5 Miles

2016 Aerial Photograph - Project Area Map
276th Street Realignment & Extension
Des. No. 1600597
Hamilton County, Indiana

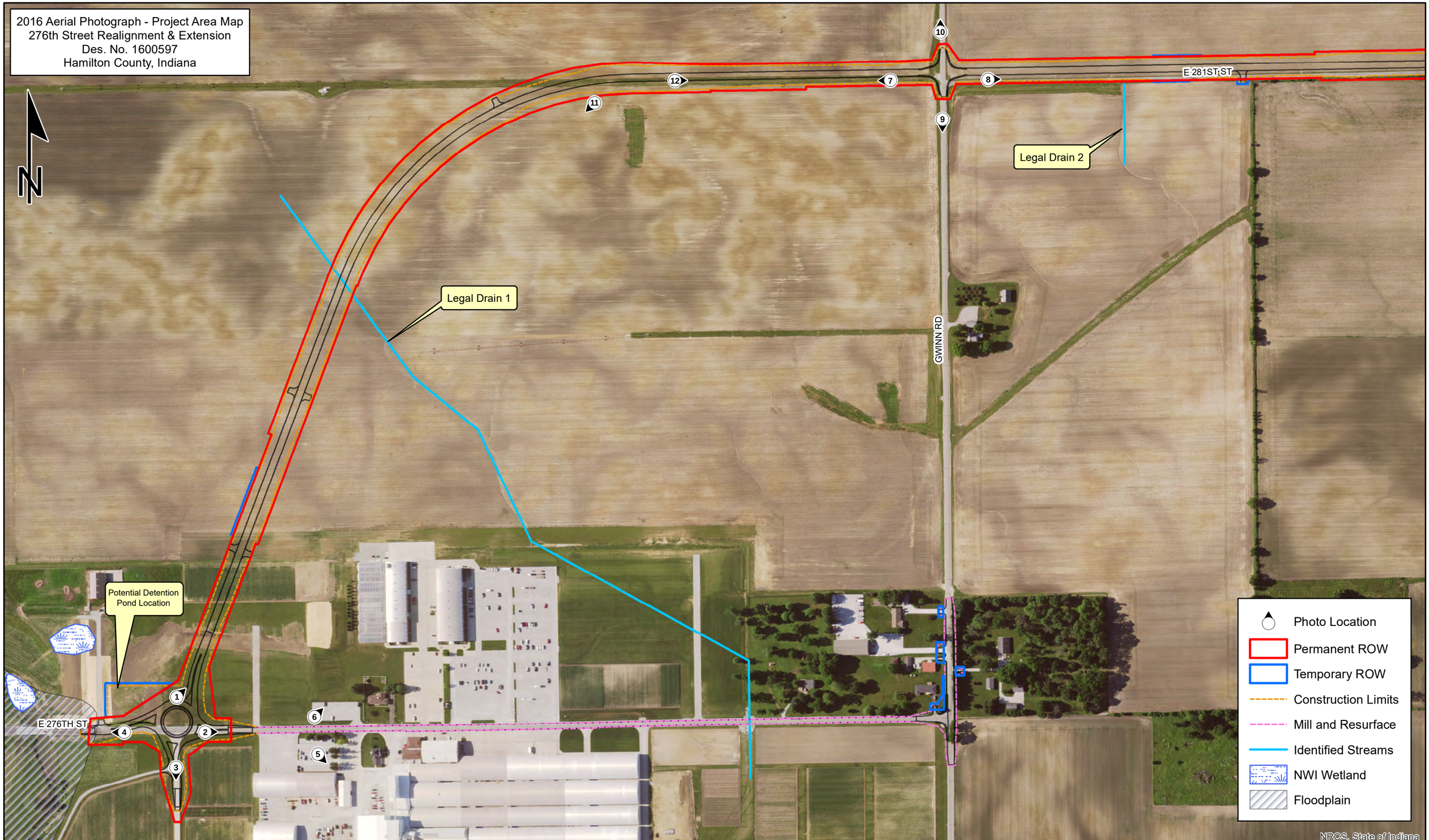


RQAW ENVIRONMENTAL

Map Datum: NAD 83
Map Projection: UTM Zone 16 North
Orthophotography and data obtained from Indiana Map Framework Data
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Project Area Map

2016 Aerial Photograph - Project Area Map
276th Street Realignment & Extension
Des. No. 1600597
Hamilton County, Indiana



RQAW ENVIRONMENTAL

Map Datum: NAD 83
Map Projection: UTM Zone 16 North
Orthophotography and data obtained from Indiana Map Framework Data
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Project Area & Photo Location Map - Page 1

0 400 800 1,600 Feet

2016 Aerial Photograph - Project Area Map
276th Street Realignment & Extension
Des. No. 1600597
Hamilton County, Indiana

N

UNT 2/Legal Drain 3
UNT 3
UNT 4
Legal Drain 5
Wetland A
Legal Drain 4
UNT 1/
Legal Drain 6
shed no longer present
E 281ST ST
E 281ST ST
E RAILROAD ST
SR19
WHETSTON RD
MILLERSBURG RD
E 279TH ST
ARCADIA RD

Photo Location
Permanent ROW
Temporary ROW
Construction Limits
Identified Streams
Delineated Wetland
NWI Wetland
Floodplain

NRCS, State of Indiana

RQAW ENVIRONMENTAL

Map Datum: NAD 83
Map Projection: UTM Zone 16 North
Orthophotography and data obtained from Indiana Map Framework Data
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Project Area & Photo Location Map - Page 2

0 400 800 1,600 Feet

1. Looking northeast at extension area

2. Looking east at 276th Street

3. Looking south at Beck's Hybrids access road

4. Looking west at 276th Street

5. Looking southeast at Beck's Hybrids

6. Looking northeast at Beck's Hybrids

7. Looking west at extension area

8. Looking east at extension area

9. Looking south at agricultural field

10. Looking north at agricultural field

11. Looking southwest at extension area

12. Looking east at extension area

13. Looking west at extension area

14. Looking north at Wetsone Road

15. Looking east at extension area

16. Looking south at Wetsone Road

17. Looking southwest at unnamed tributary (UNT) 2

18. Looking northeast at UNT 2

19. Looking east along extension area

20. Looking west along extension area

21. Looking northeast along extension area

22. Looking southwest at UNT 4 (outside project limits)

23. Looking north at UNT 4 (outside project limits)

24. Looking east along extension area

25. Looking west along extension area

26. Looking northwest at extension area (hay shed relocated by owner)

27. Looking southeast at extension area

28. Looking south at UNT 1

29. Looking north at UNT 1

30. Looking north at SR 19

31. Looking east at 281st Street

32. Looking south at SR 19

33. Looking west at extension area

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

INDIANA DEPARTMENT OF TRANSPORTATION

Please note that the Preliminary Design cover page does not currently include the original eastern portion of Phase I now being covered under Phase II; however, this portion of the project will be depicted on the Final Design cover page.

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 %

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

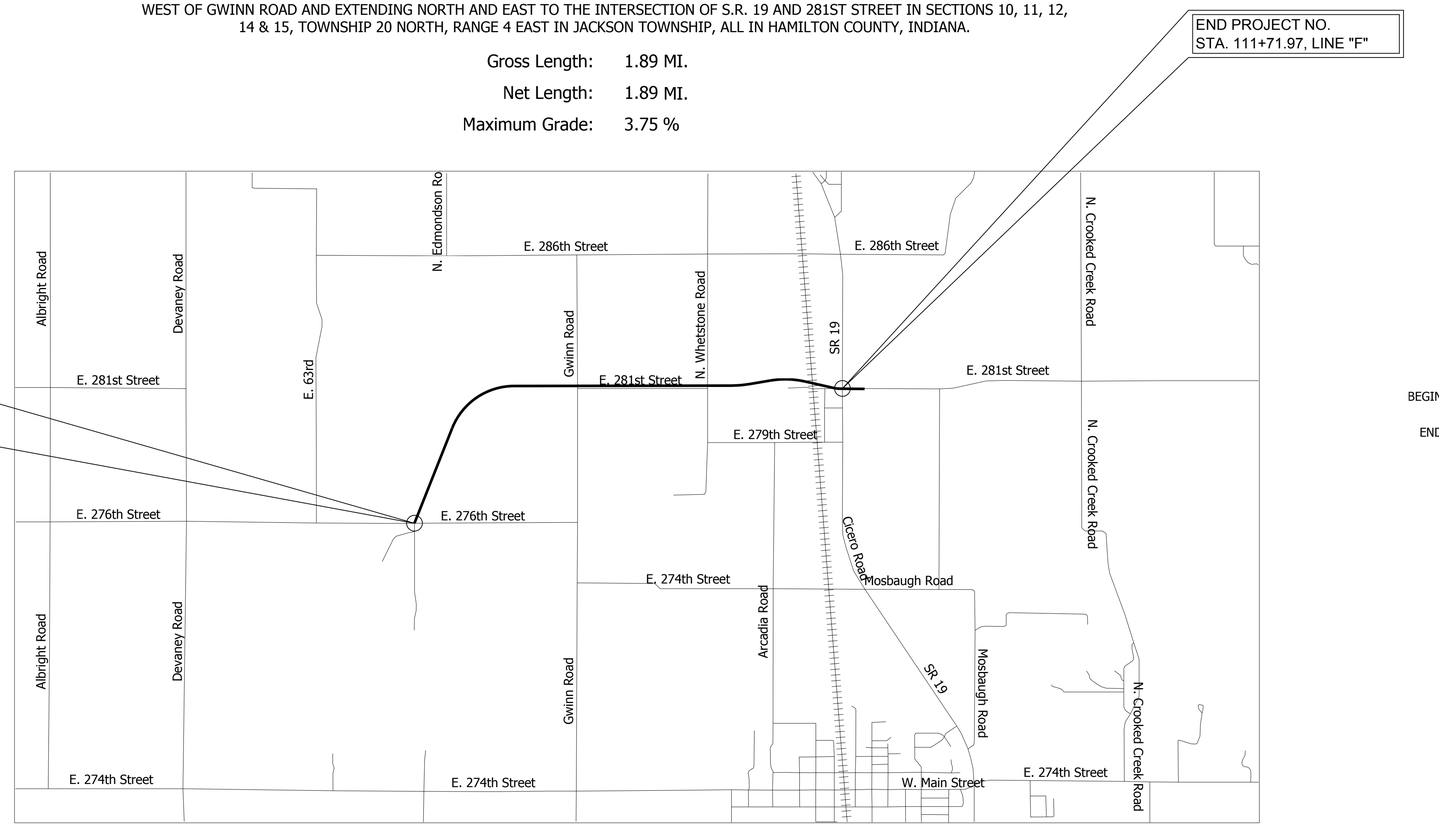
DESIGN DATA	STA. 104+00 TO 109+72.61 LINE "A"
DESIGN SPEED	30 M.P.H.
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL AGENCY COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

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'

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)

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

RQAW INTENTIONAL INNOVATION
10401 N. MERIDIAN ST., STE. 401
INDIANAPOLIS, IN 46290
P: 317.815.7200
F: 317.815.7201
WWW.RQAW.COM

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

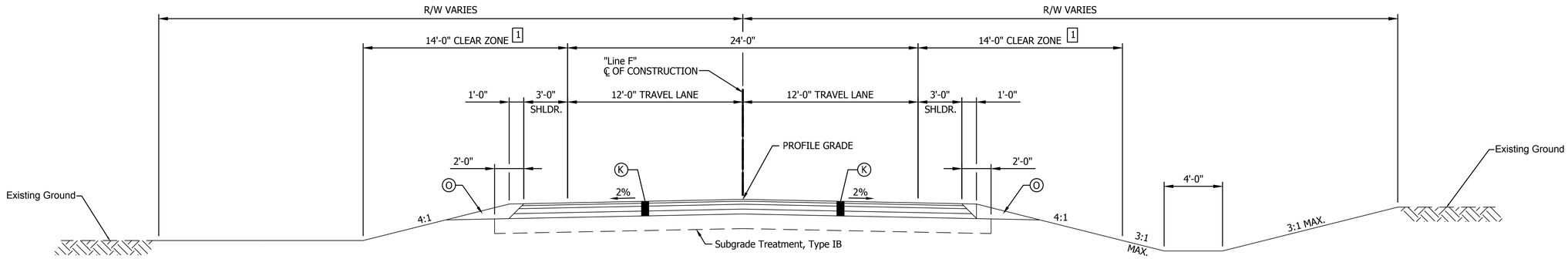
CERTIFIED BY: _____ DATE

APPROVED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION
1600597

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

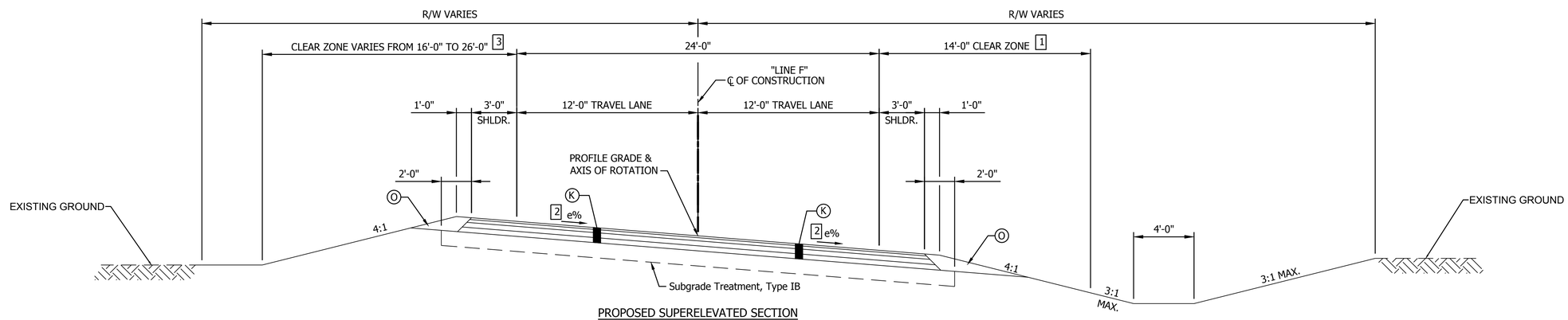
PRINT DATE: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 2:09 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\01 TITLESHT TITLE.DWG



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

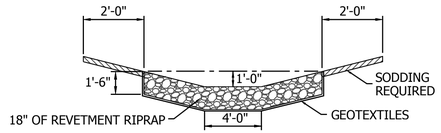
DESIGNED: LLC DRAWN: AJF
CHECKED: DCK CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

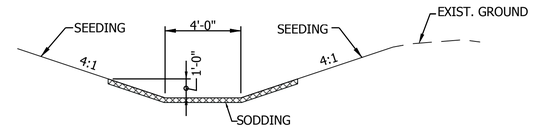
TYPICAL CROSS SECTIONS
LINE "F"

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

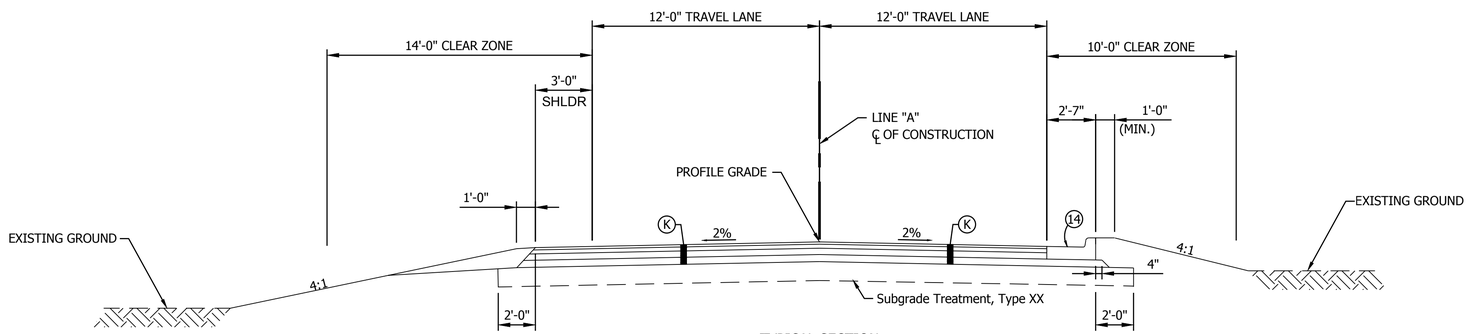
PRINT DATE: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 1:54 PM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\03 TYPICAL\SHT TYPICALS.DWG



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

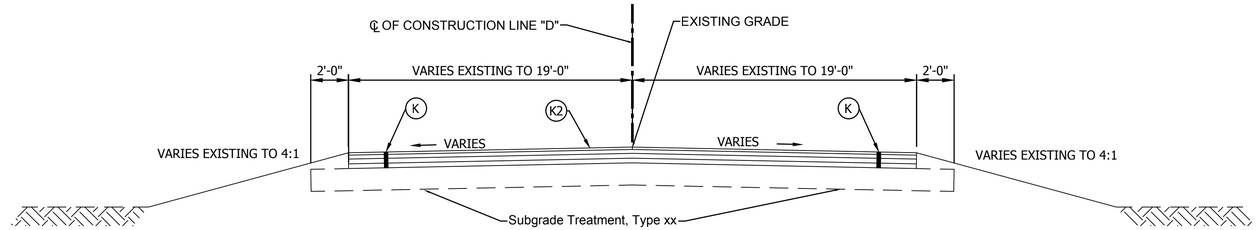
CHECKED: DCK CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "F"

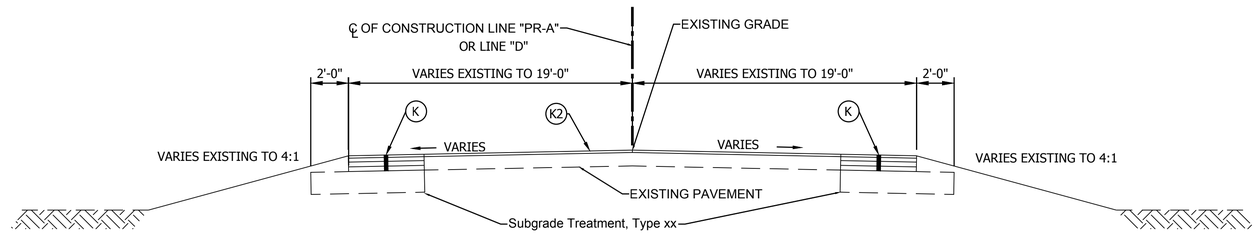
HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	4 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\03 TYPICAL\SHT TYPICALS.DWG



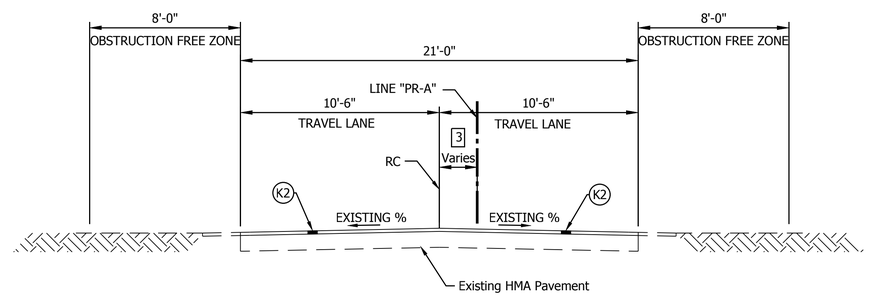
TYPICAL SECTION

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



INCIDENTAL CONSTRUCTION

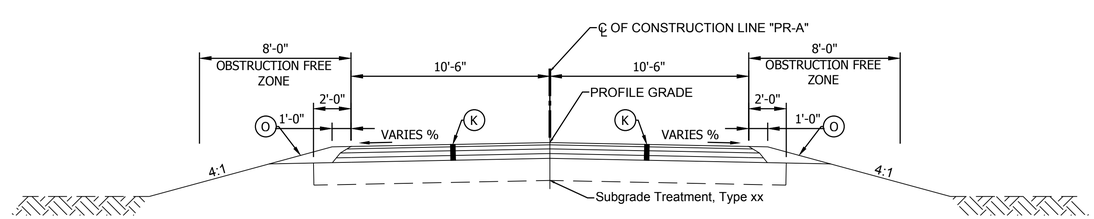
STA. 216+71.41 TO STA. 217+31.39 "PR-A"
STA. 222+88.65 TO STA. 223+88.65 "PR-A"
STA. 10+00.00 TO STA. 10+89.58 LINE "D"



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
- (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

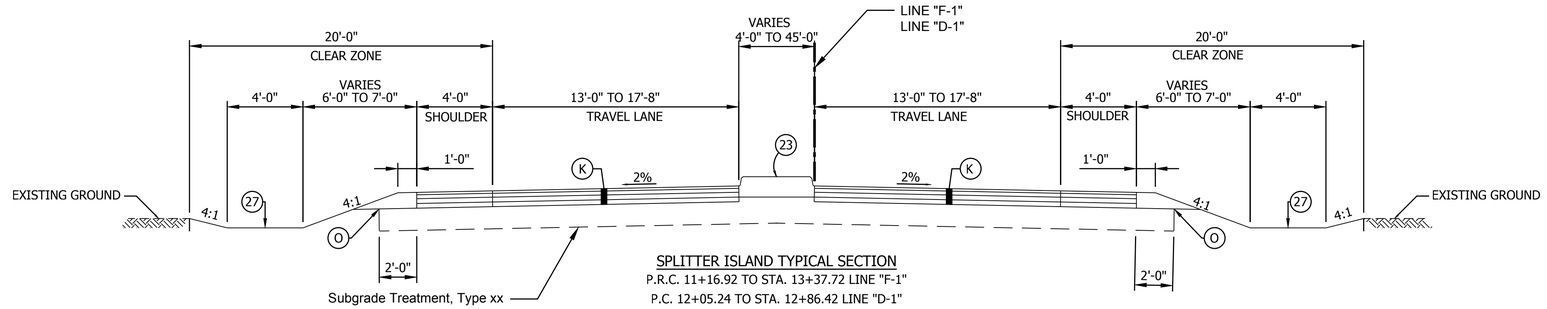
CHECKED: DCK CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

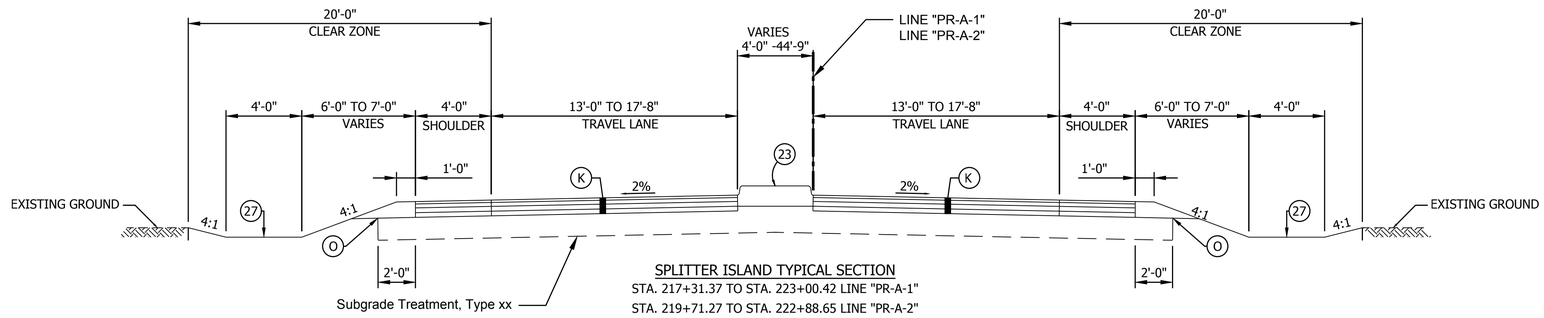
TYPICAL CROSS SECTIONS
LINE "PR-A" & LINE "D"

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

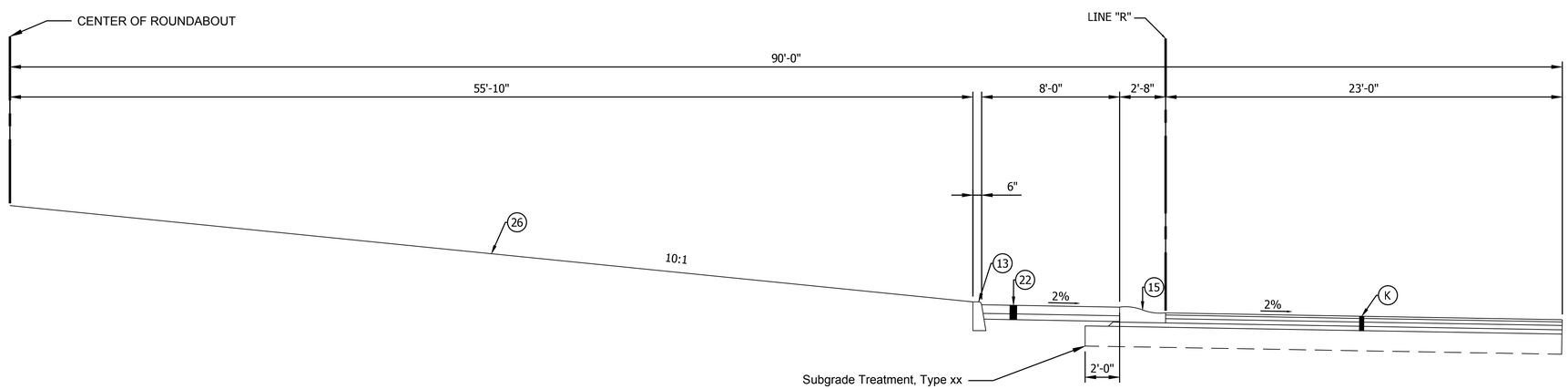
PRINT DATE: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\03 TYPICAL\SHT TYPICALS.DWG



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

- (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

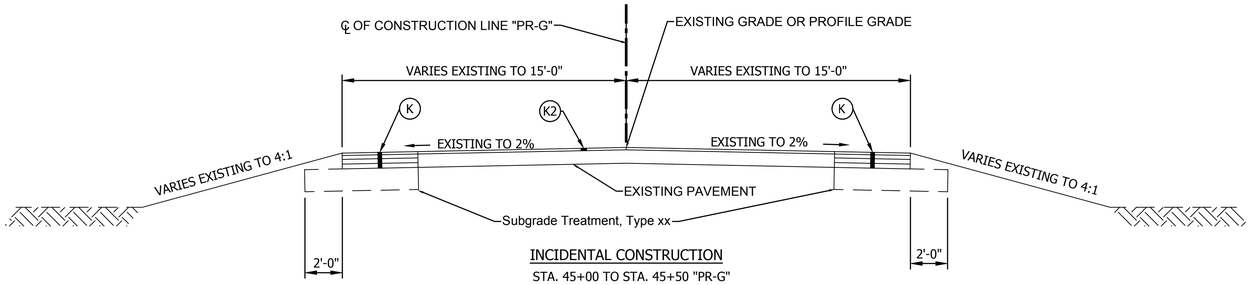
CHECKED: DCK | CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
SPLITTER ISLANDS

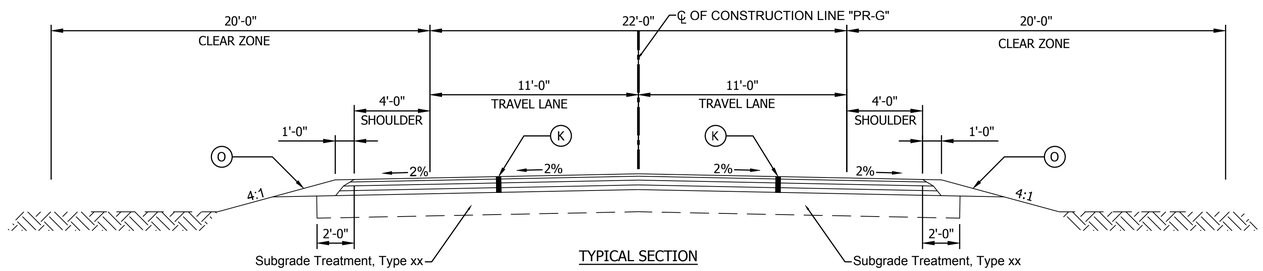
HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	N/A
VERTICAL SCALE	DESIGNATION
N/A	1600597
SURVEY BOOK	SHEET
	6 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\03 TYPICAL\SHT TYPICALS.DWG



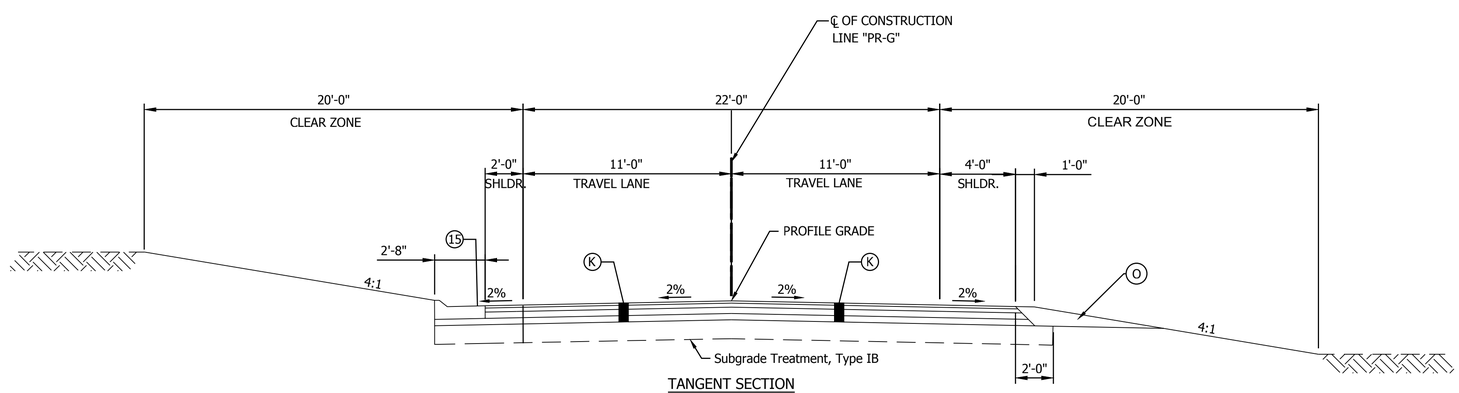
INCIDENTAL CONSTRUCTION

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

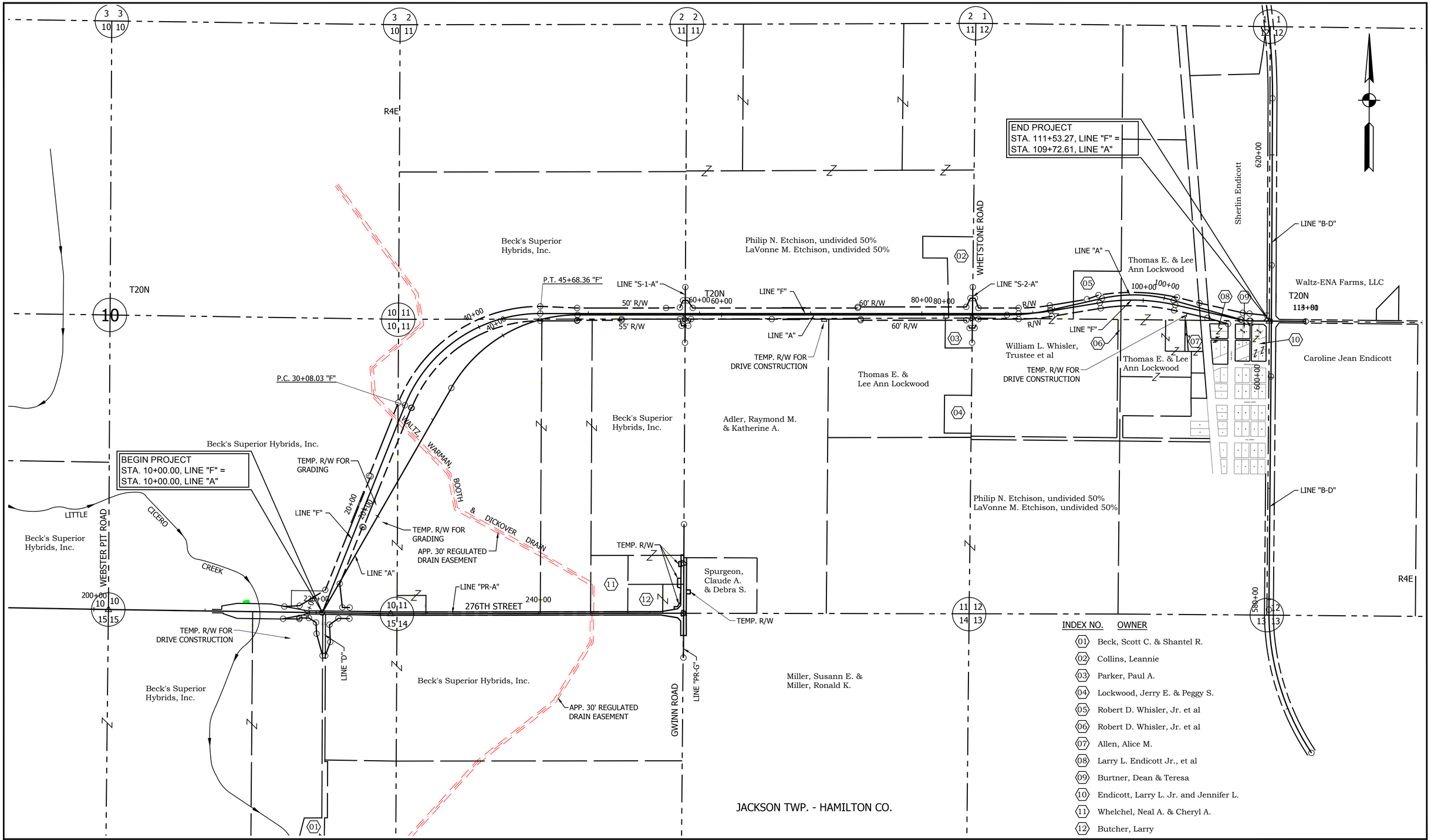
CHECKED: DCK | CHECKED: LLC

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: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM 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.

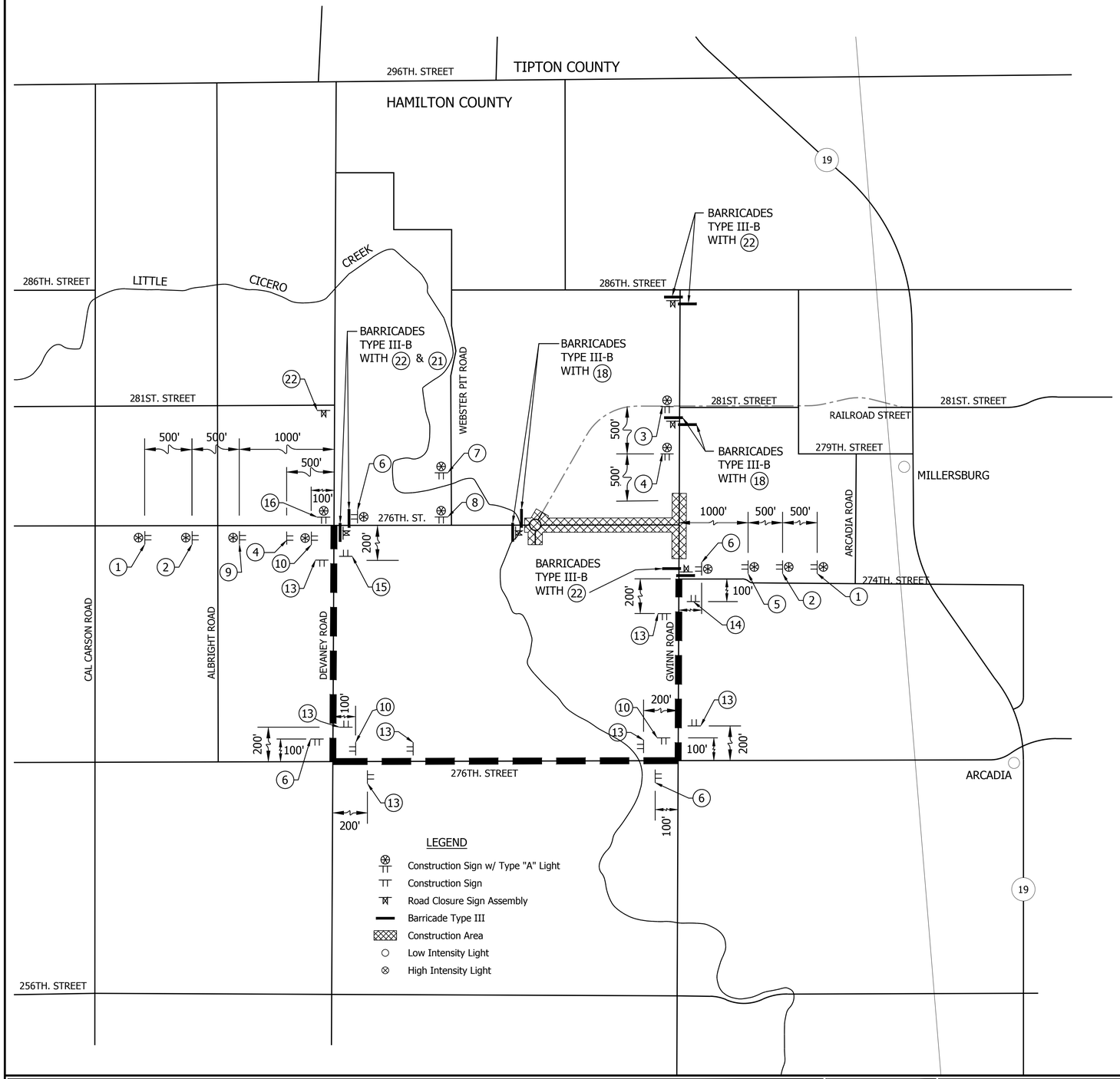
CHECKED: L.L.C. CHECKED: L.L.C.

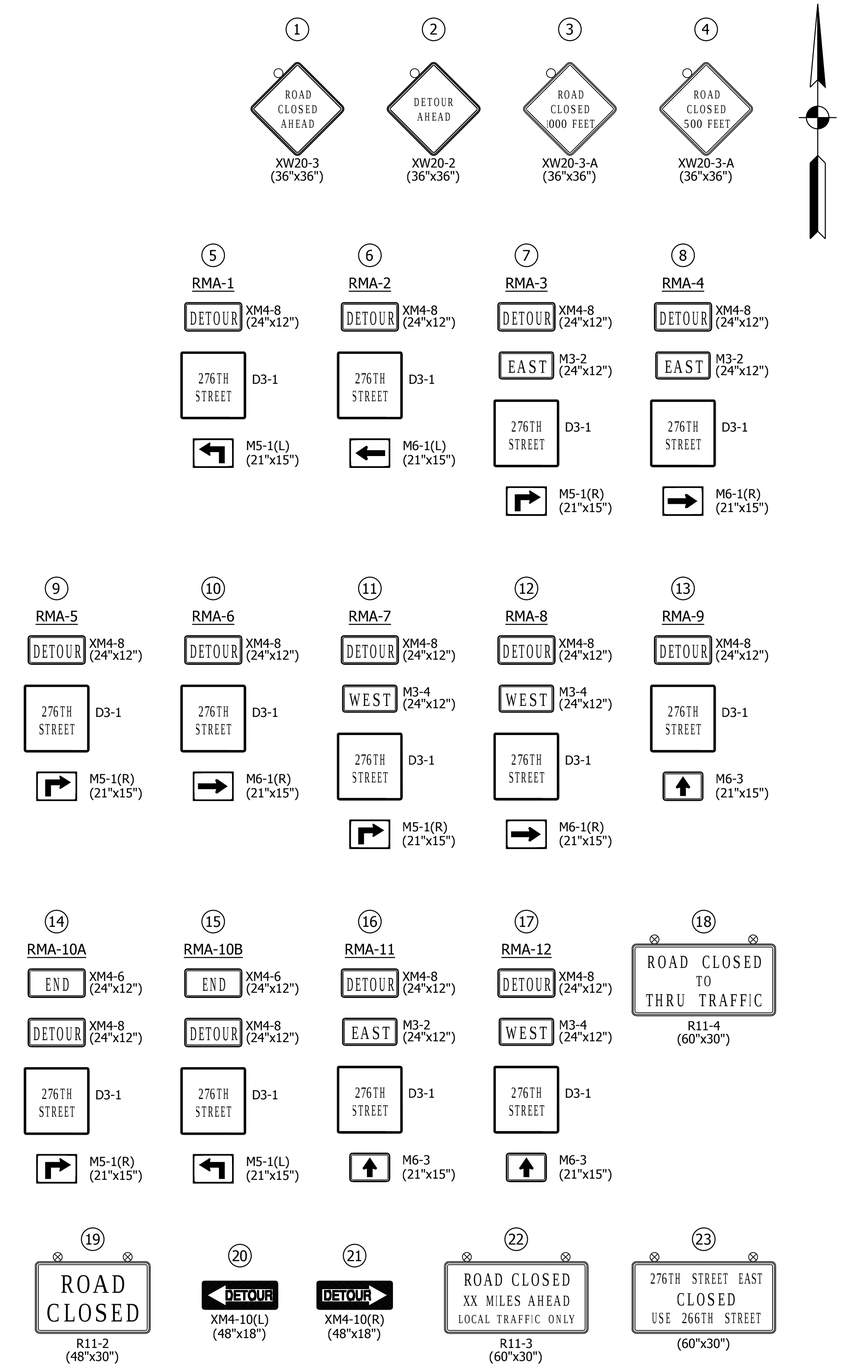
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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.

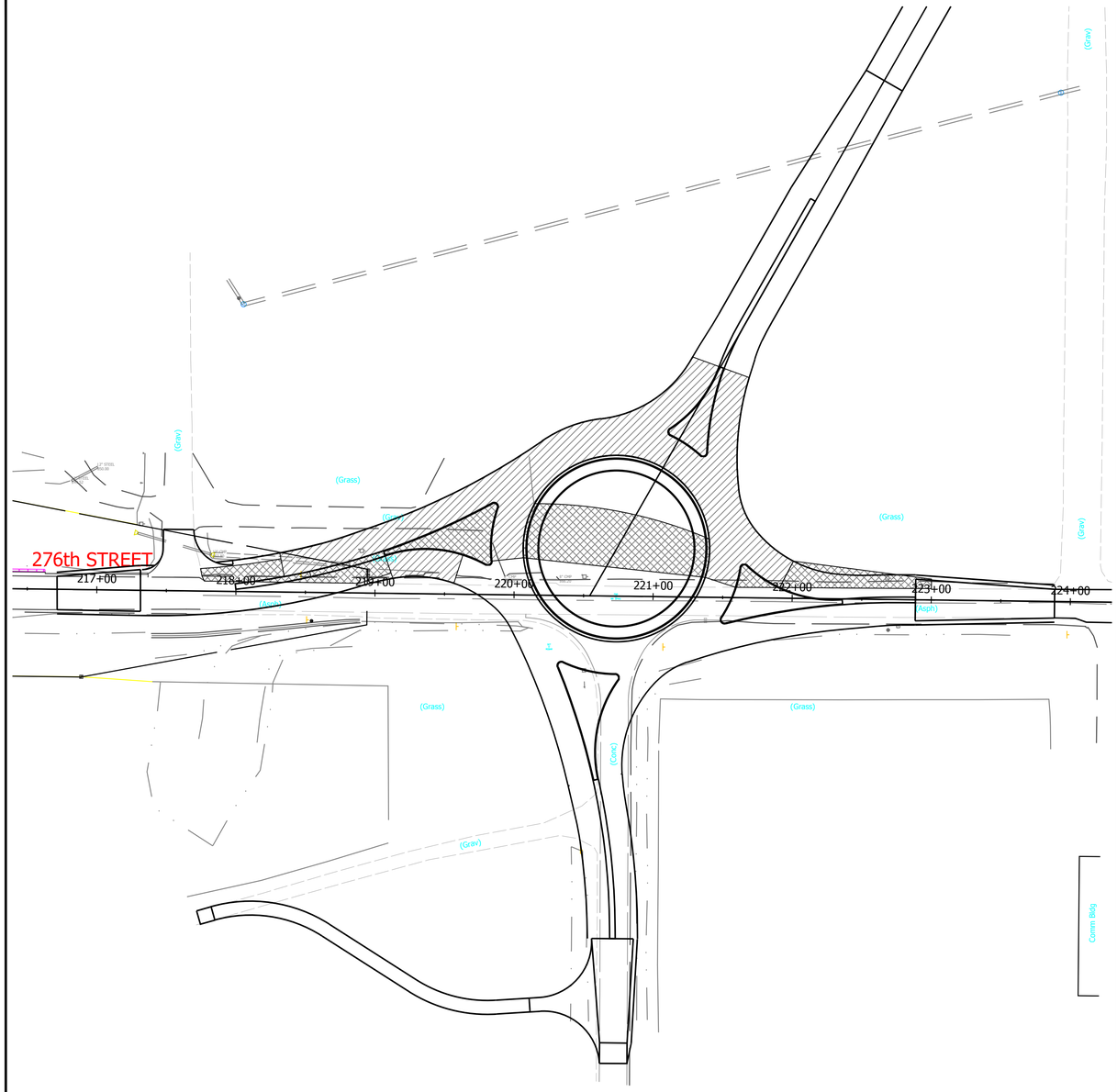
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

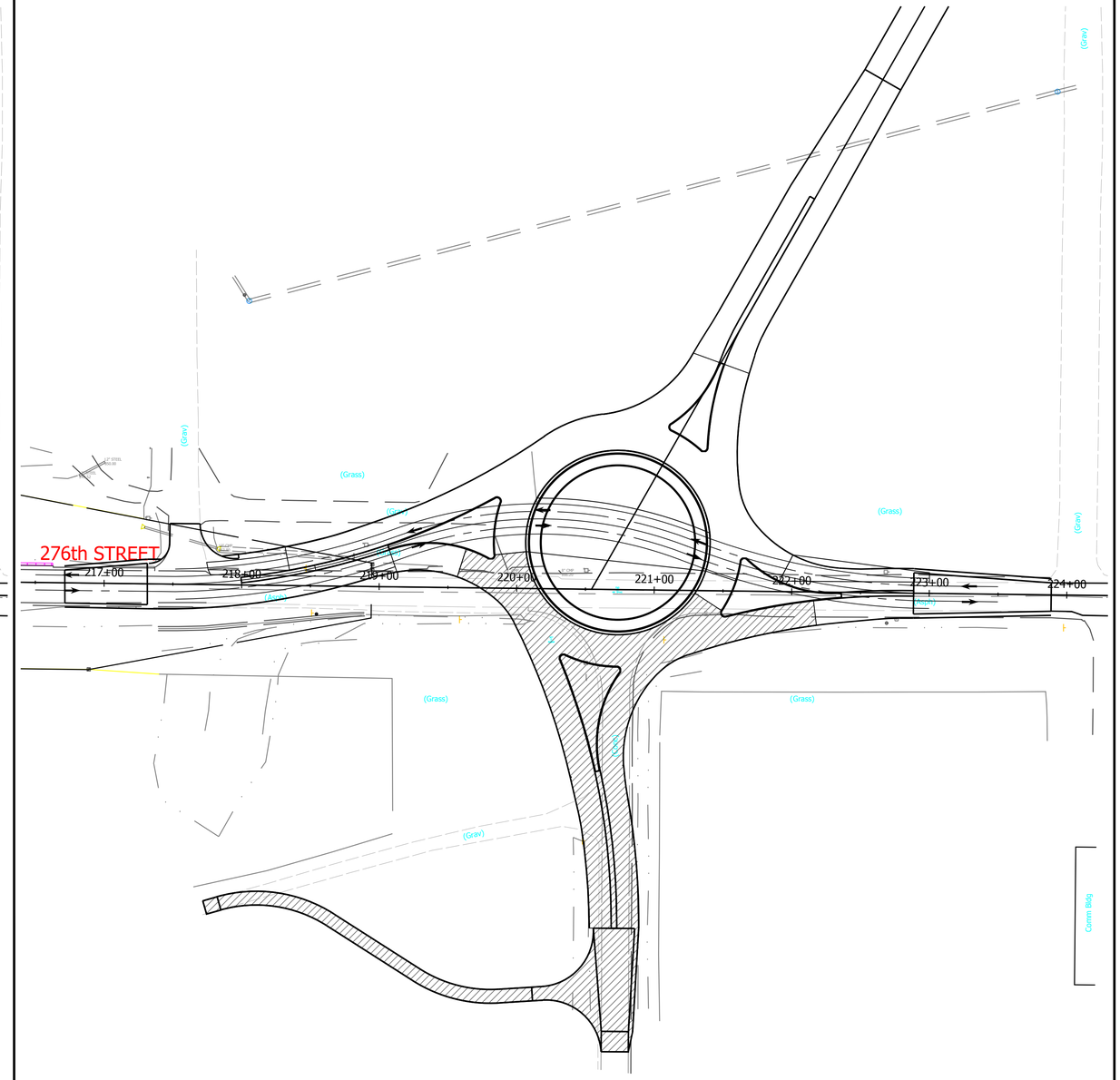
TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE I

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

PRINT DATE: 4/2/18
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

PRINT DATE: 4/2/18
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 I\\ACAD\05 MOT\SHT MOT-276TH.DWG

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

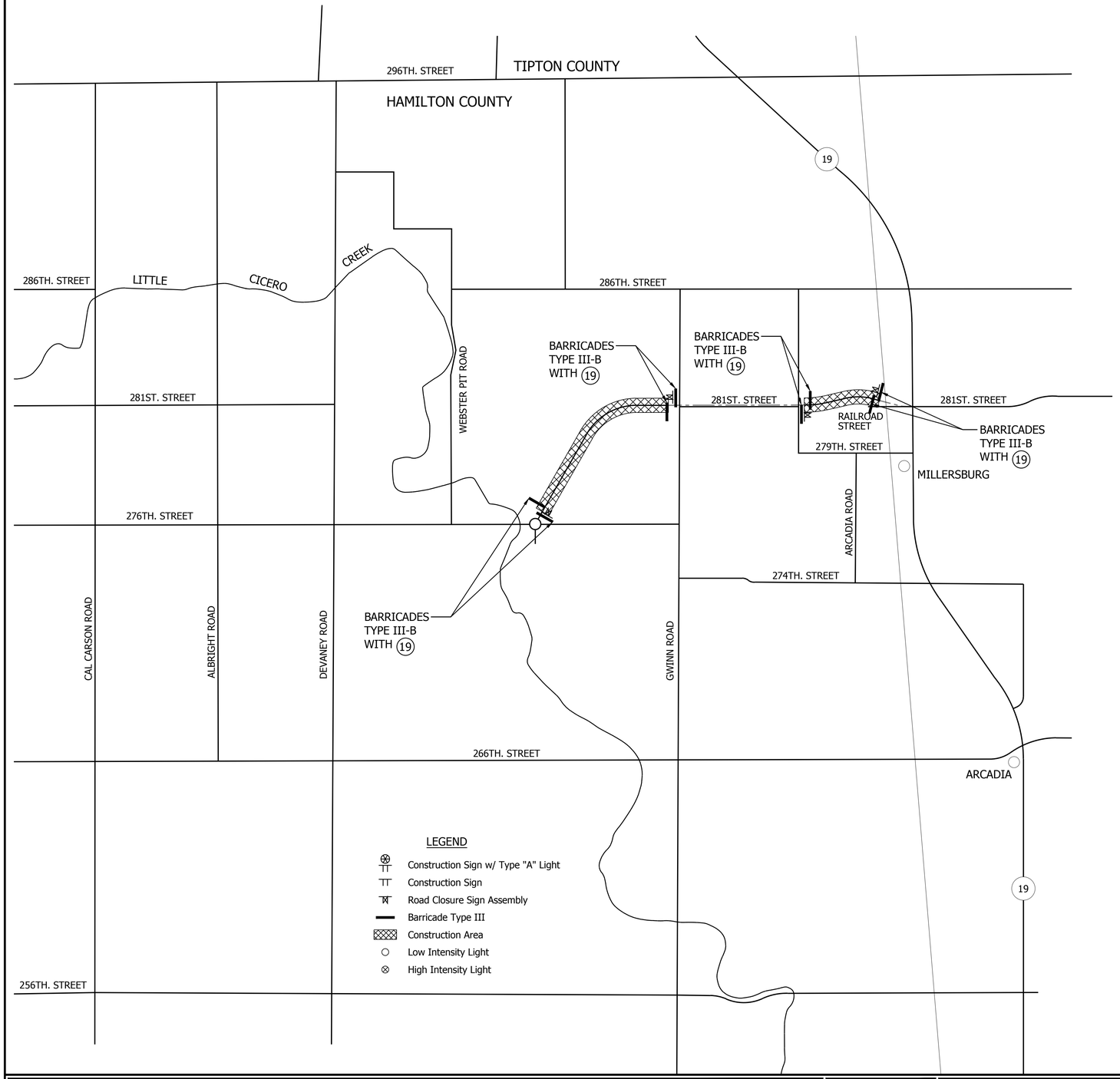
DESIGNED: D.C.K. DRAWN: K.R.U.

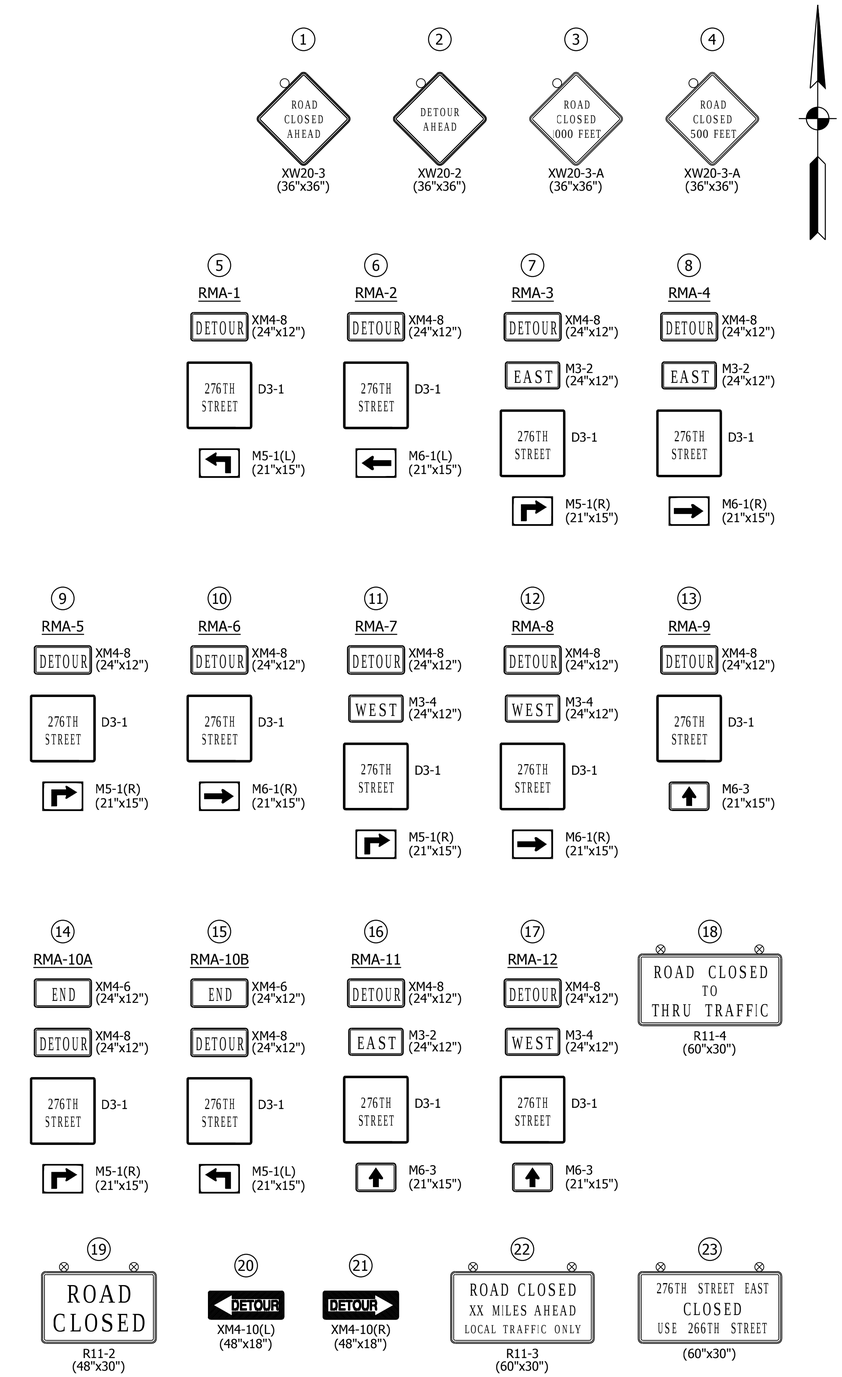
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE I-A AND I-B

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





RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

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

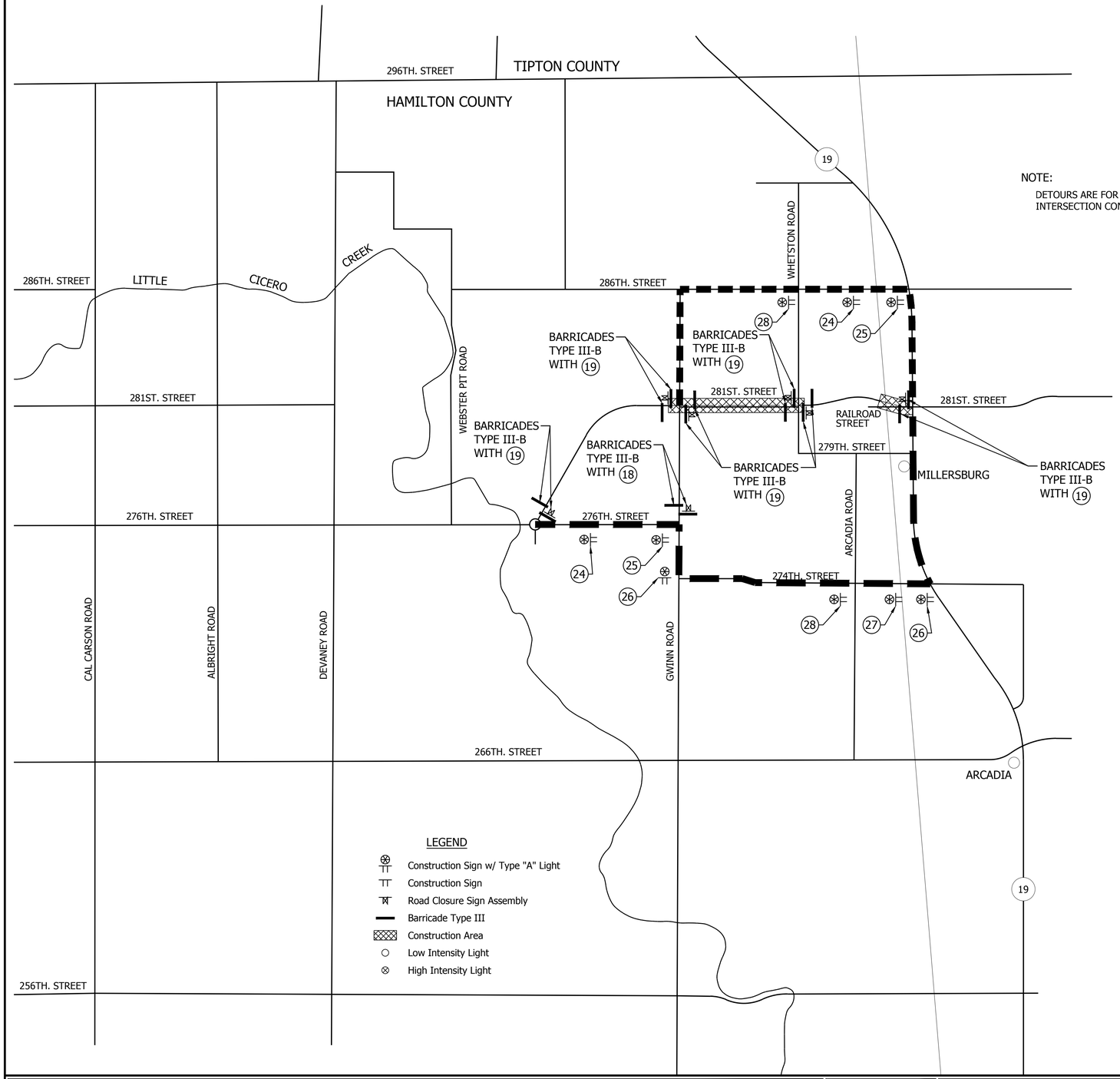
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE II

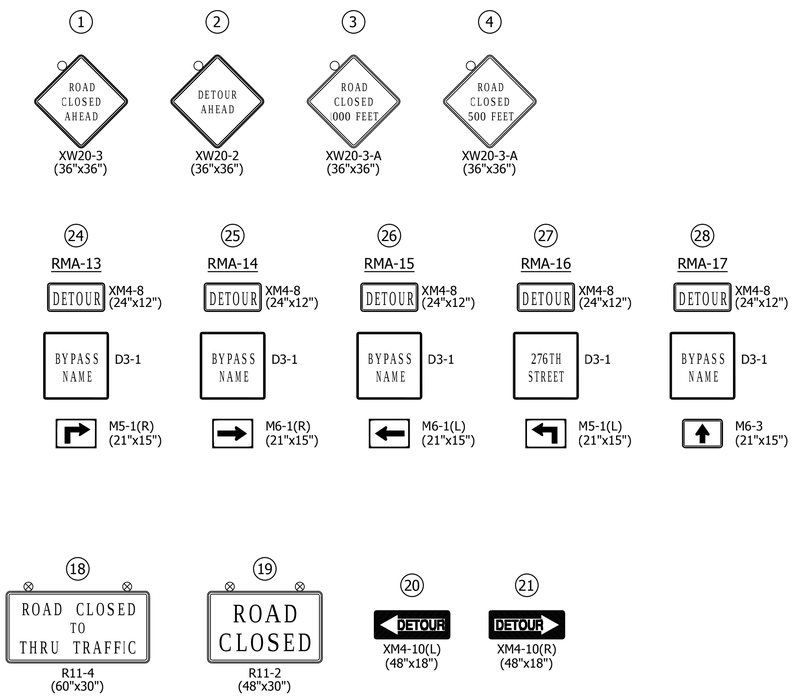
HORIZONTAL SCALE	BRIDGE FILE
	N/A
VERTICAL SCALE	DESIGNATION
	1600597
SURVEY BOOK	SHEET
	11 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 4/2/18
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.

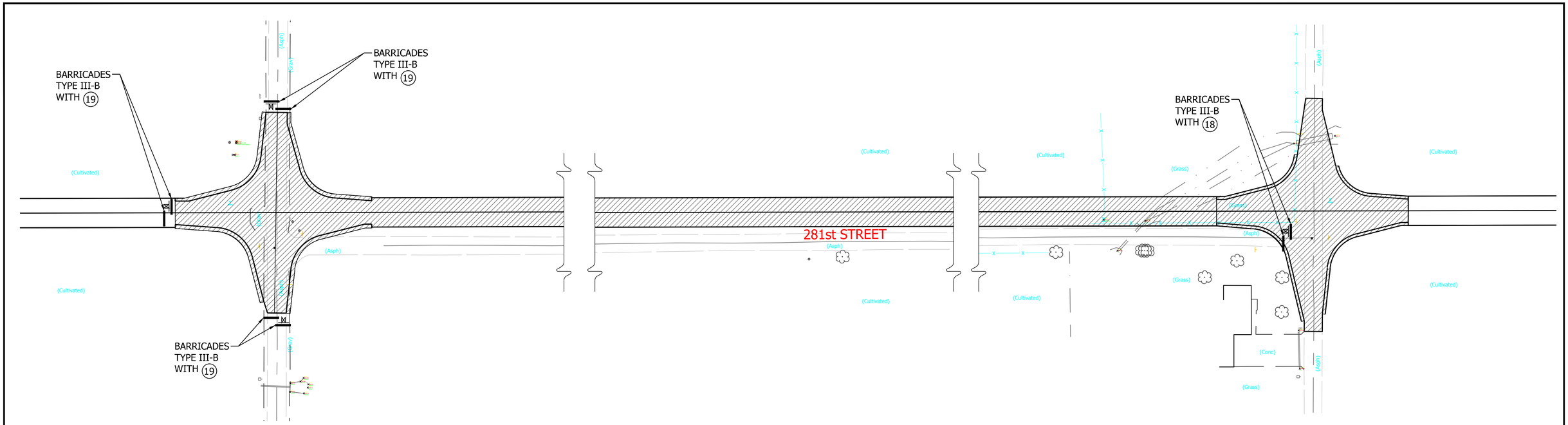
CHECKED: L.L.C. CHECKED: L.L.C.

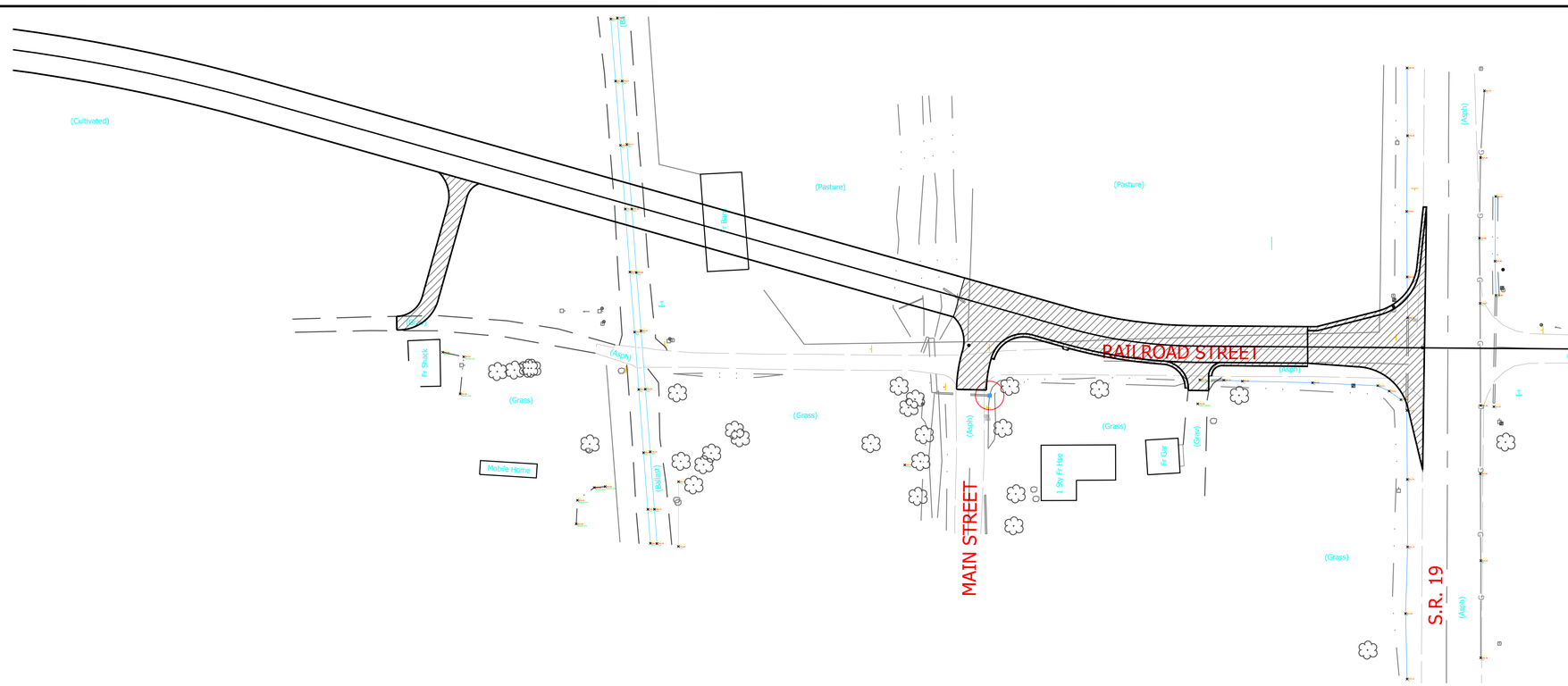
INDIANA
DEPARTMENT OF TRANSPORTATION

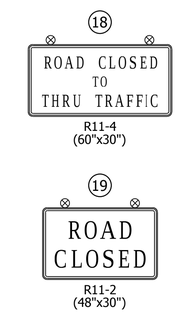
TRAFFIC MAINTENANCE DETAILS
276th STREET - PHASE III

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

PRINT DATE: 4/2/18
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

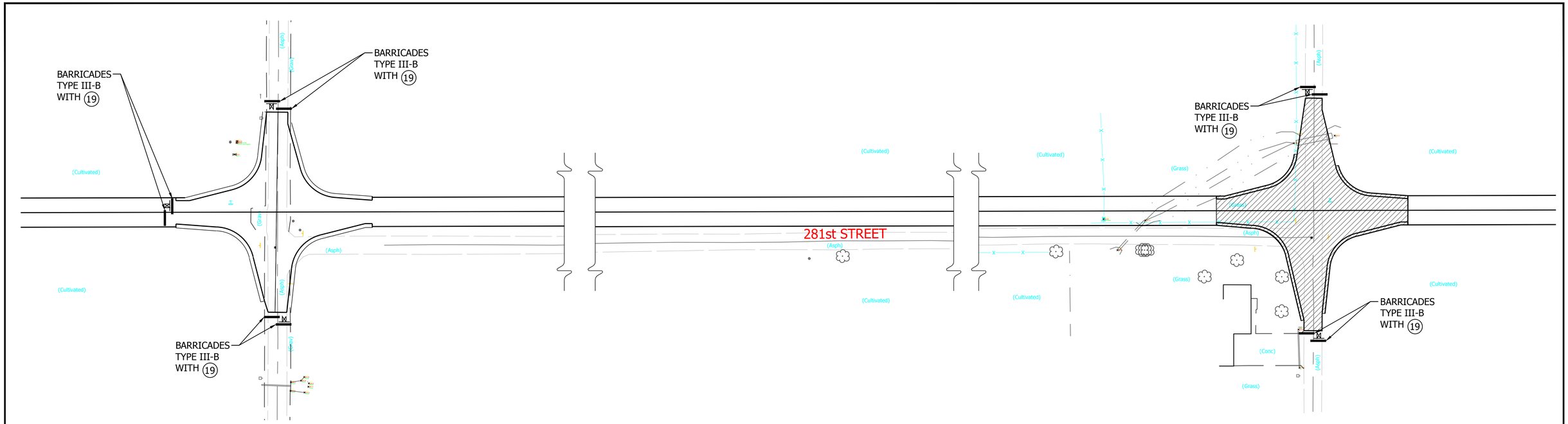


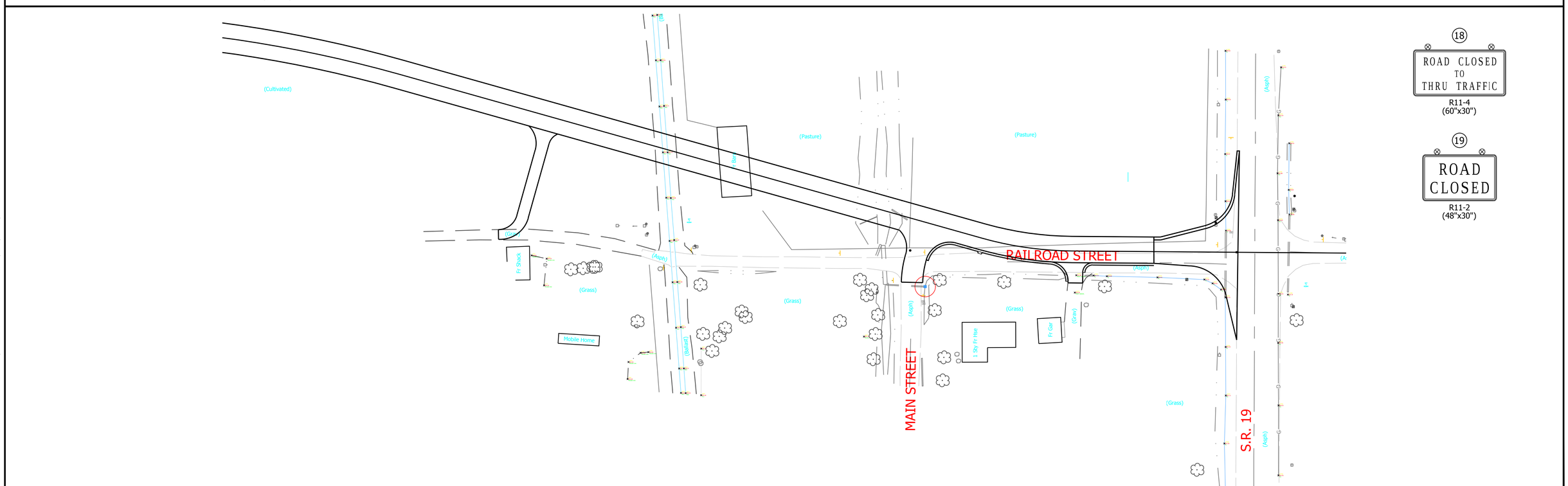




RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
			N/A
		VERTICAL SCALE	DESIGNATION
			1600597
DESIGNED: D.C.K.	DRAWN: K.R.U.	SURVEY BOOK	SHEET
CHECKED: L.L.C.	CHECKED: L.L.C		13 of 158
	TRAFFIC MAINTENANCE DETAILS 276th STREET - PHASE III-A	CONTRACT	PROJECT
		R-39726	1600597

PRINT DATE: 4/2/18
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.

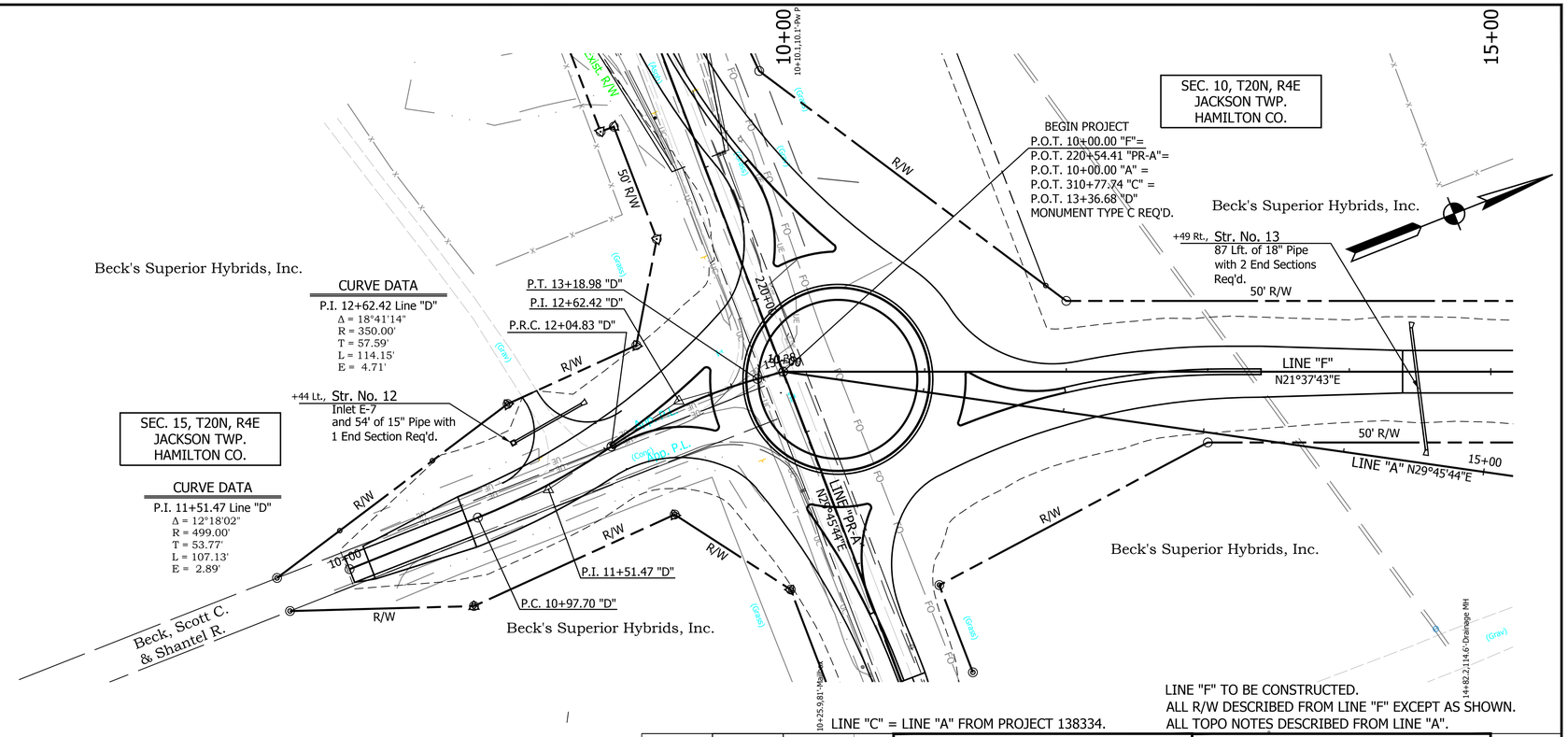
CHECKED: L.L.C. CHECKED: L.L.C

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: 4/2/18
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



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.

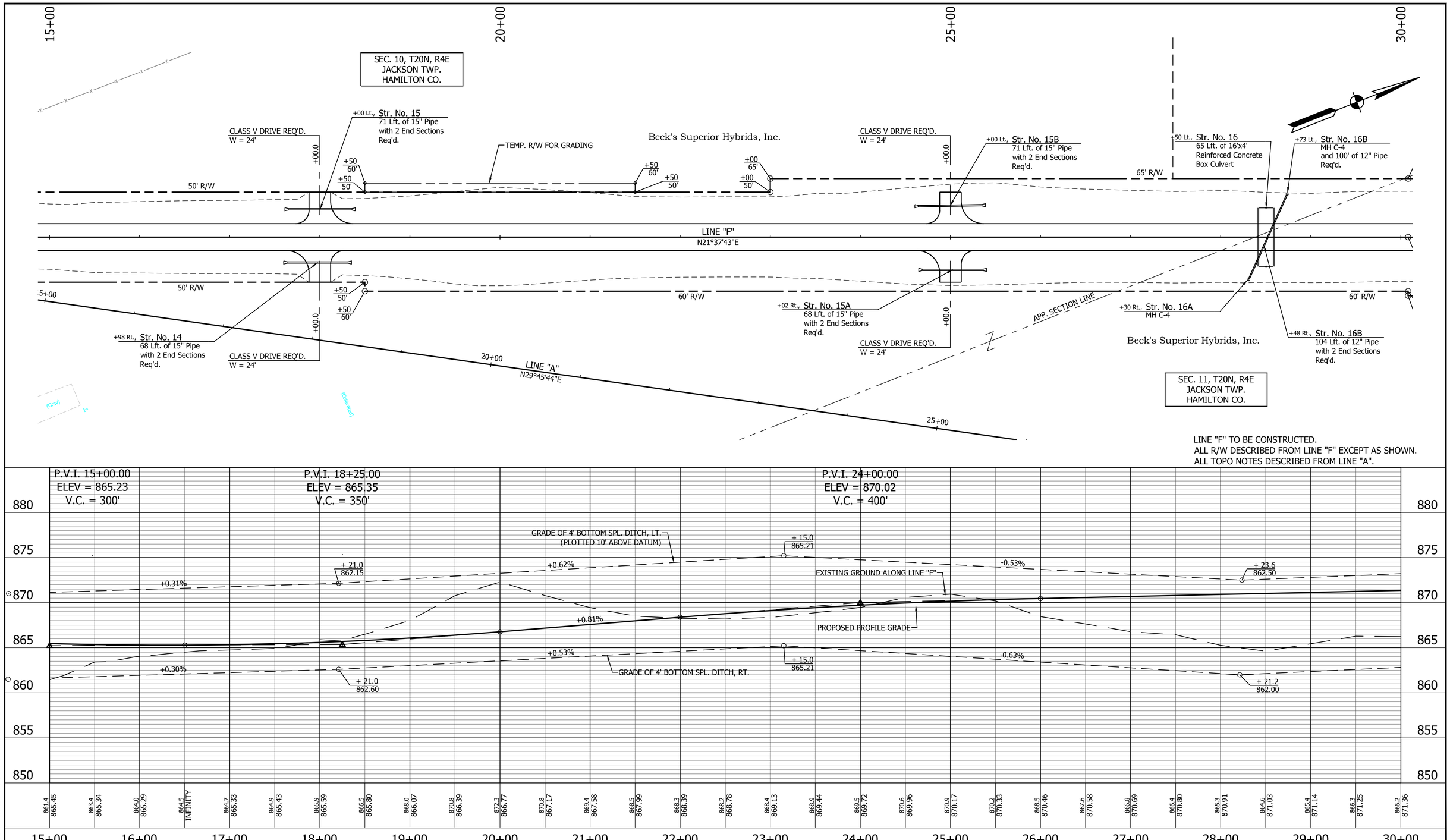
CHECKED: L.L.C. CHECKED: L.L.C.

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: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM 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	NORTH 48000.0422	EAST 47184.4392
803	NORTH 48694.5158	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

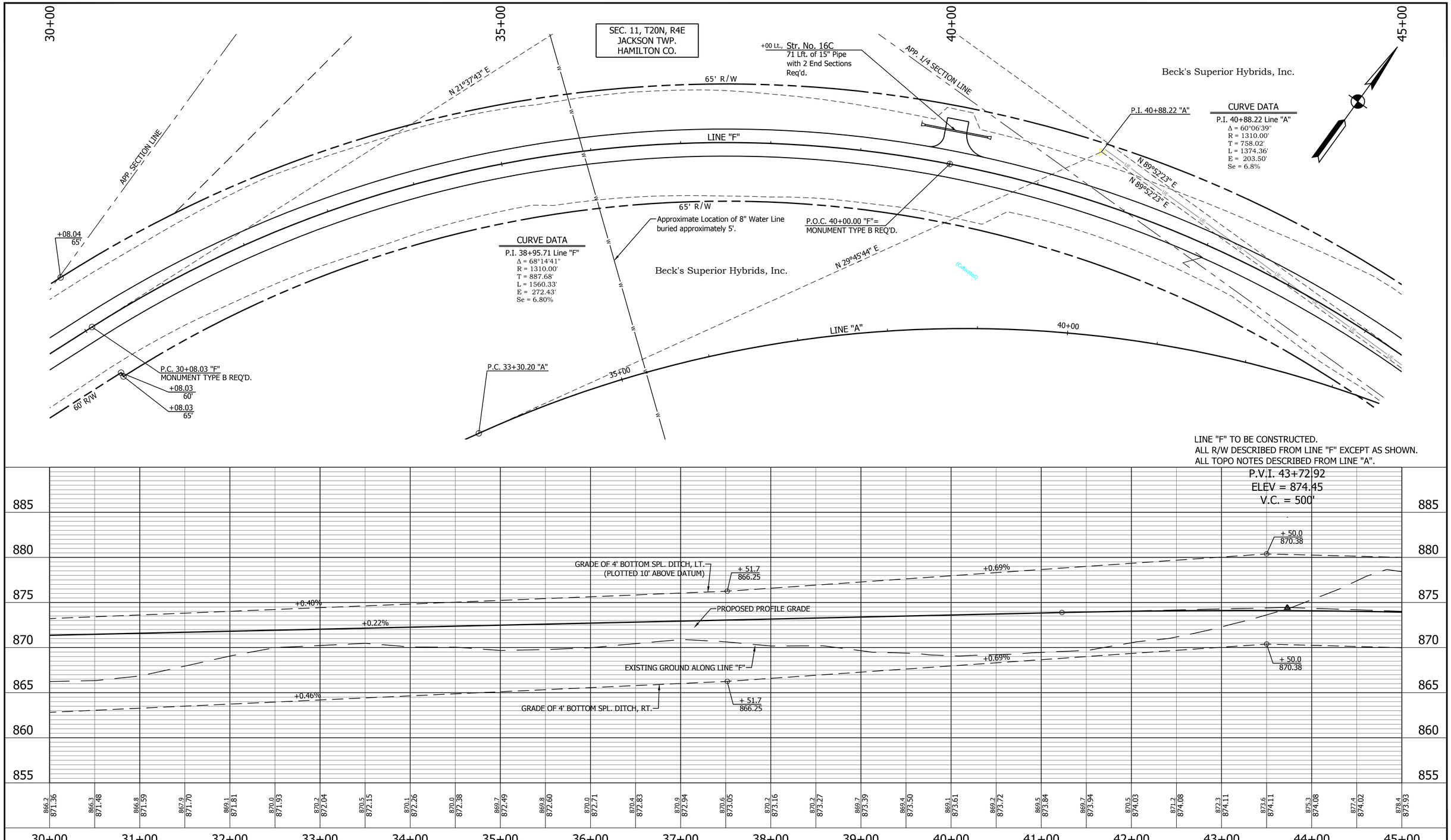
DESIGNED: K.R.U.
DRAWN: K.R.U.
CHECKED: L.L.C.
CHECKED: L.L.C.

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: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM 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



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

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. 0.2' 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

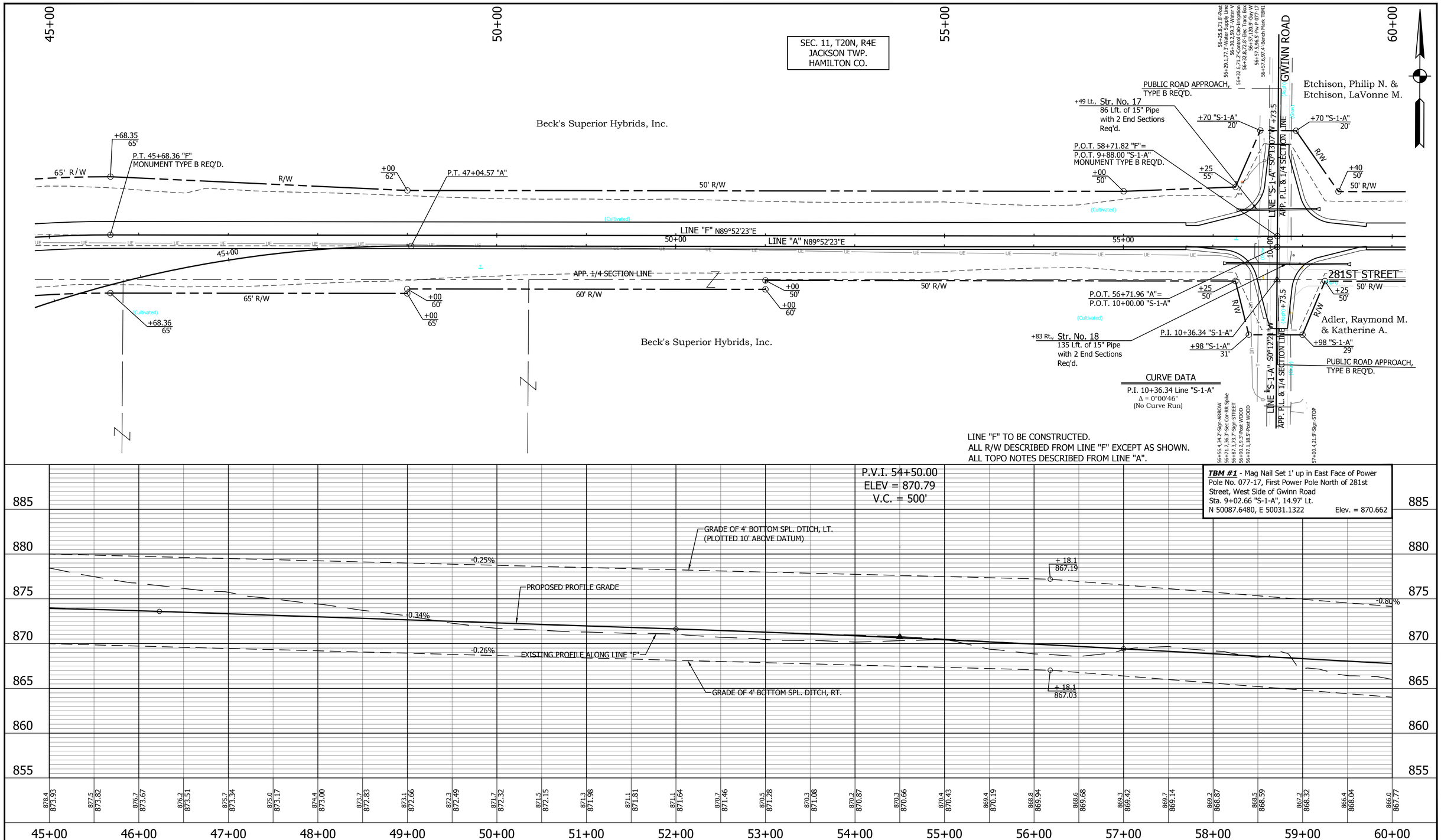
DESIGNED: K.R.U. DRAWN: K.R.U.
CHECKED: L.L.C. CHECKED: L.L.C.

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: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM 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



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

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

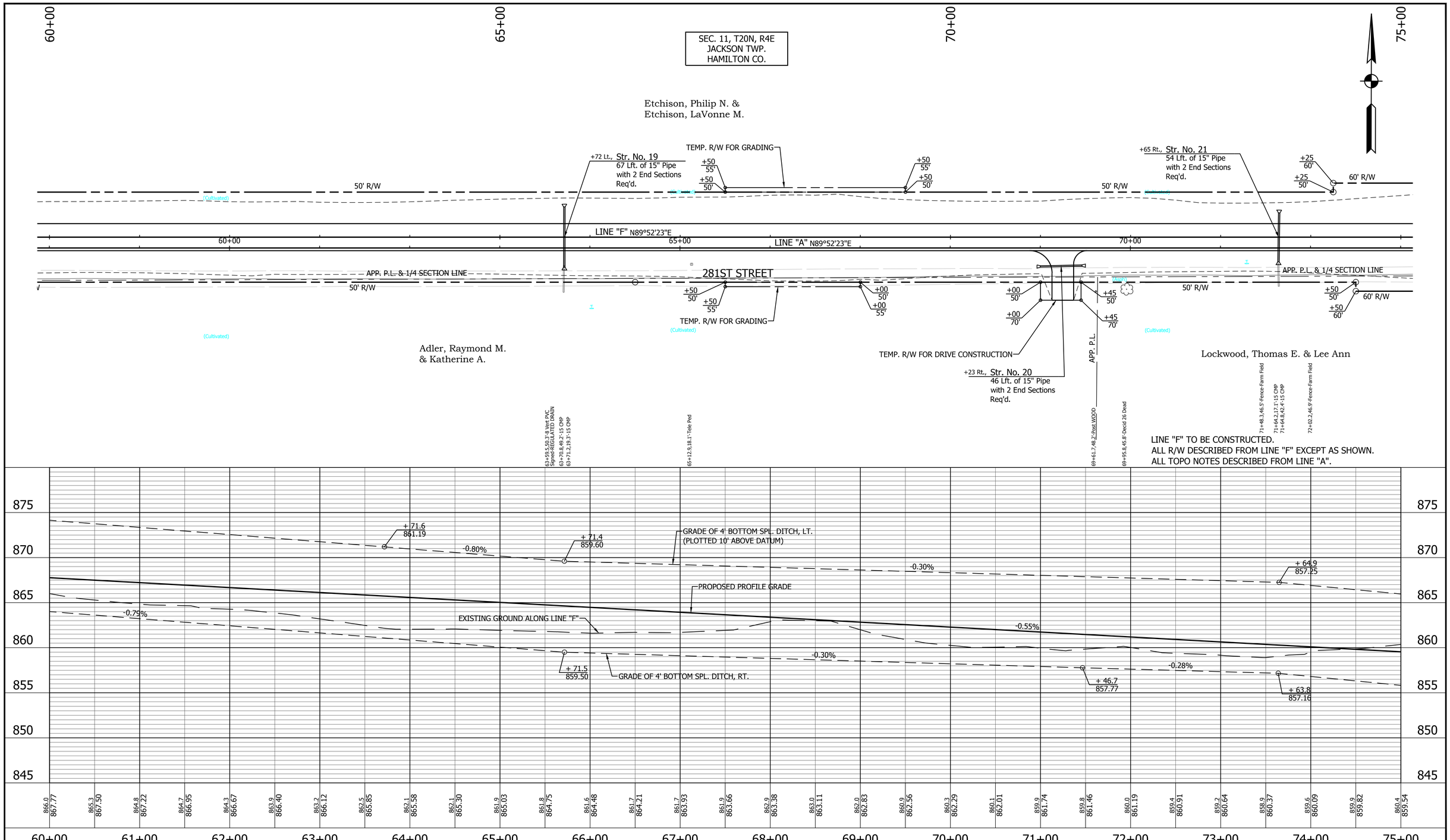
DESIGNED: K.R.U. DRAWN: K.R.U.
CHECKED: L.L.C. CHECKED: L.L.C.

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: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM 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



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.

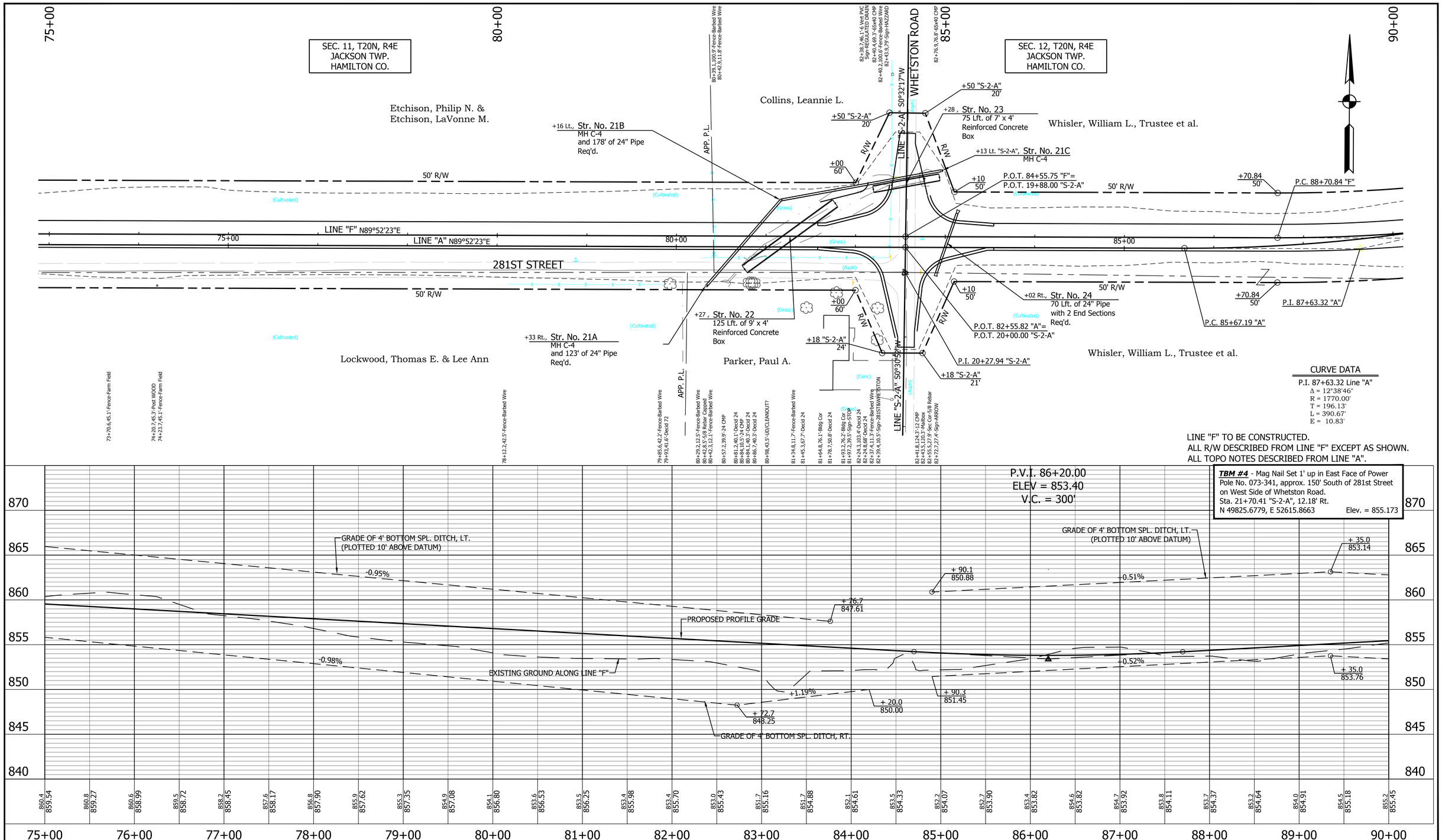
CHECKED: L.L.C. CHECKED: L.L.C.

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: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM 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



PRINT DATE: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM EDITED BY: KLIPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH 11-F_50_01.DWG

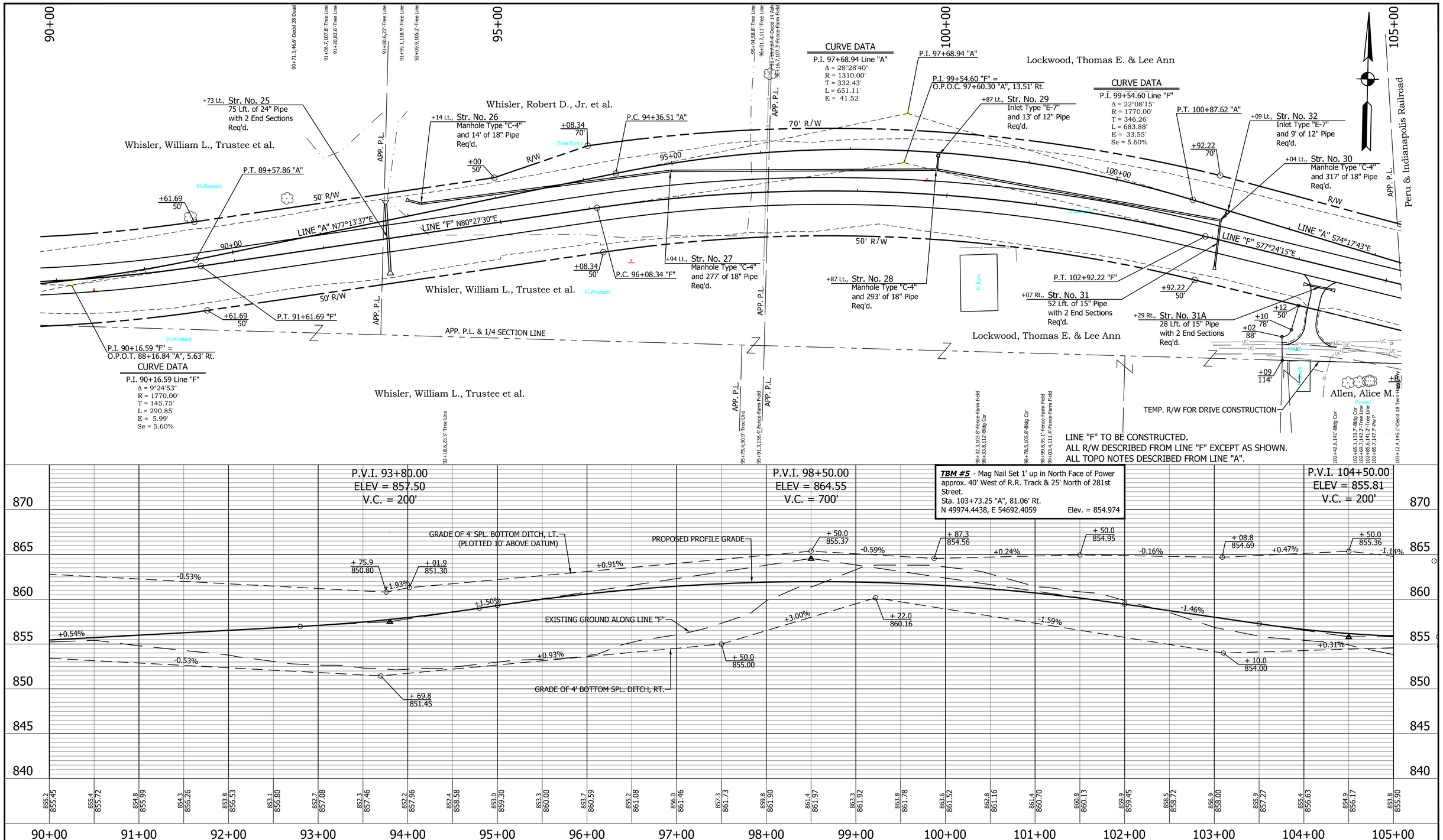
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

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



815	816	817
NORTH 50146.2796	NORTH 50219.7753	NORTH 50129.7949
EAST 53795.1702	EAST 54119.3695	EAST 54439.3856
P.C. 94+36.51 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	P.I. 97+68.94 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET	P.T. 100+87.62 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

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

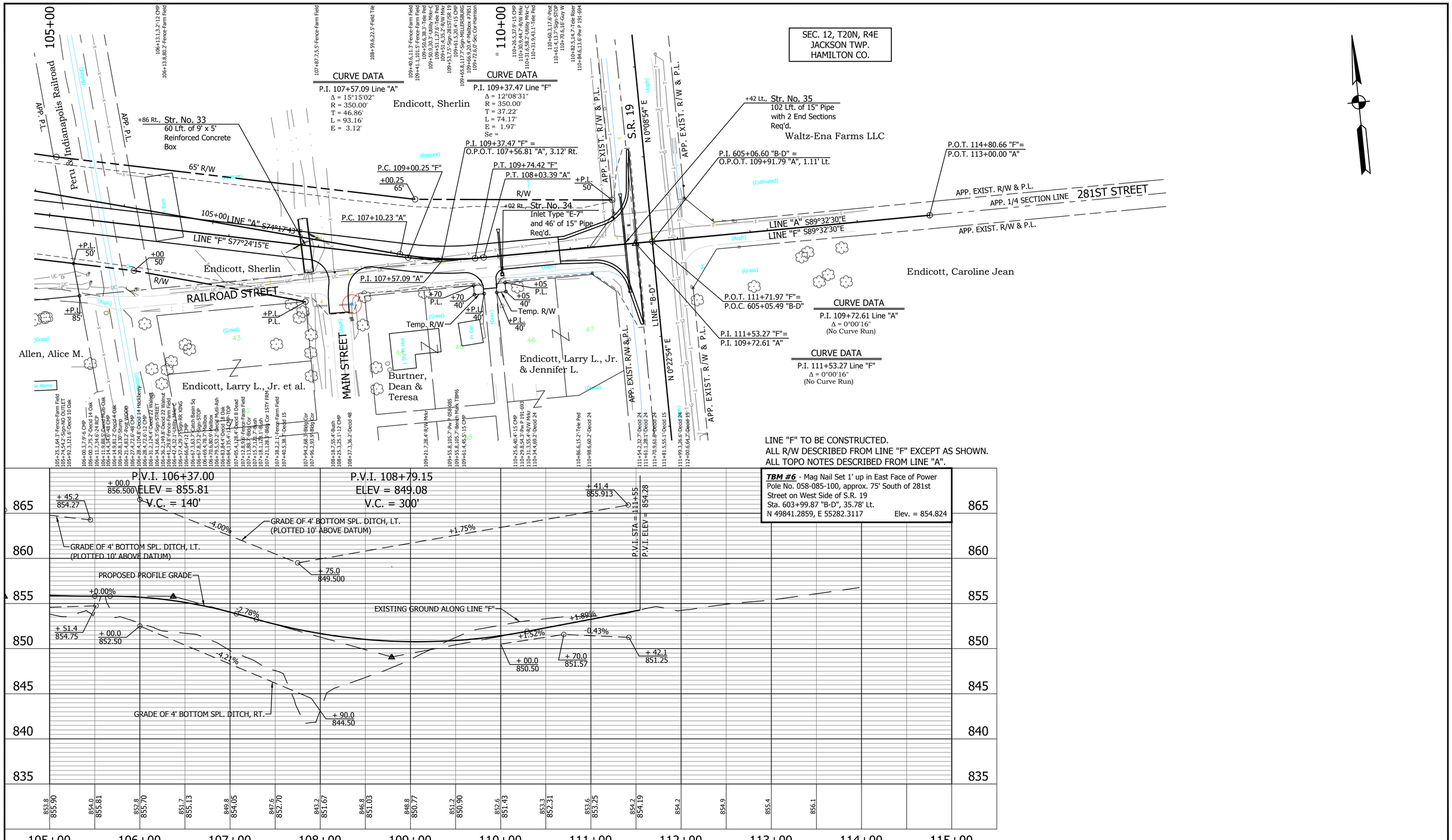
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 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: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM EDITED BY: KUPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\CAD\06 PLAN PROF\SHT PLANPROFILE-276TH 11-F_50_01.DWG



	NORTH	EAST	
818	49961.2680	55038.7535	P.C. 107+10.23 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET
819	49948.5847	55083.8617	P.I. 107+57.09 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET
820	49948.2135	55130.7176	P.T. 108+03.39 "A" 5/8" REBAR W/CAP STAMPED 'CERTIFIED ENGINEERING' SET
821	49944.2532	55627.3104	P.O.T. 113+00.00 "A" MAG NAIL SET
826	49447.8368	55315.7868	P.C. 600+06.60 "B" MAG NAIL SET
827	50447.8254	55320.4126	P.T. 610+06.60 "B" MAG NAIL SET
828	49947.8264	55319.1178	P.I. 605+06.60 "B" MAG NAIL SET

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

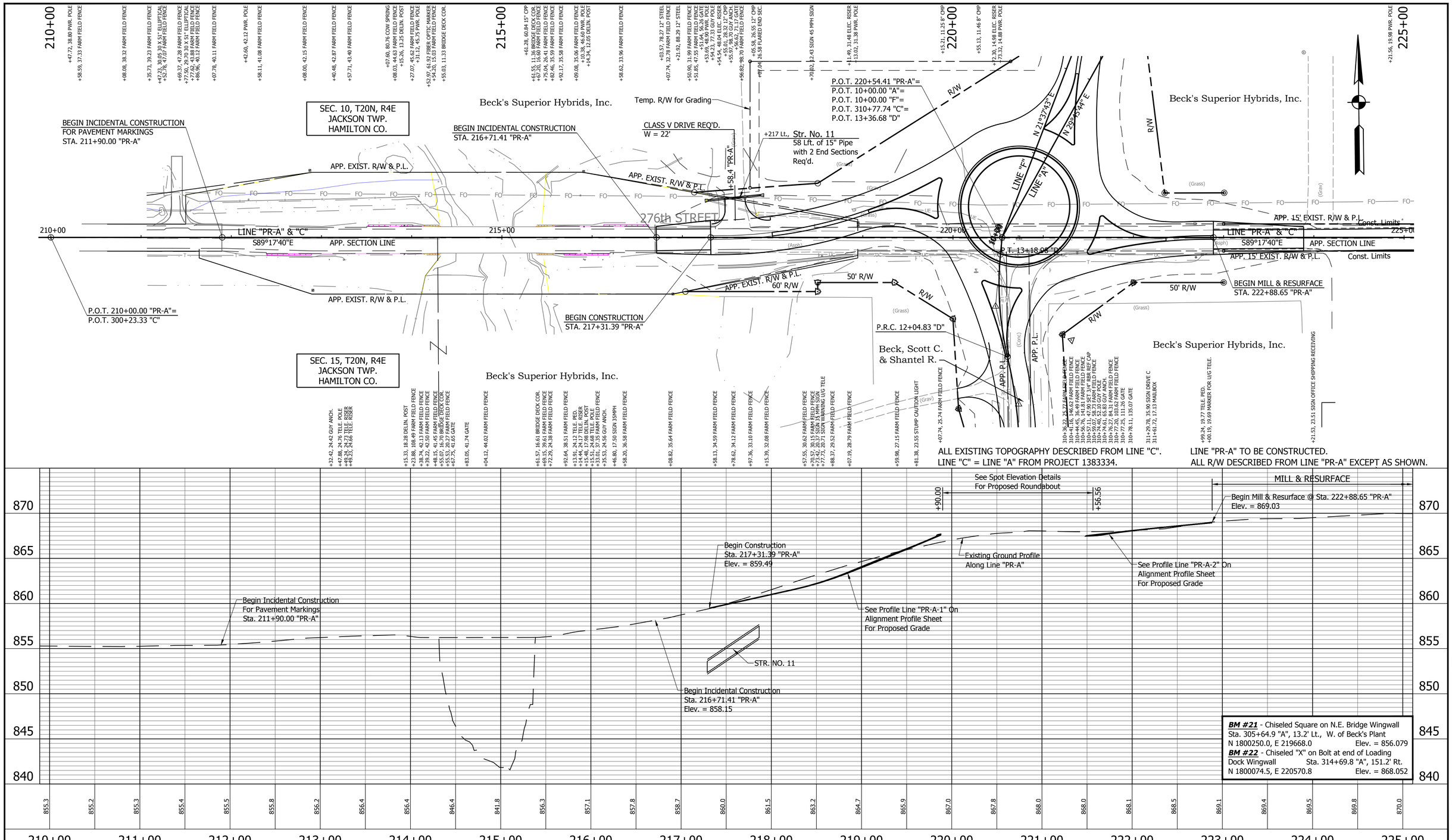
DESIGNED: K.R.U. DRAWN: K.R.U.
CHECKED: L.L.C. CHECKED: L.L.C.

INDIANA
DEPARTMENT OF TRANSPORTATION

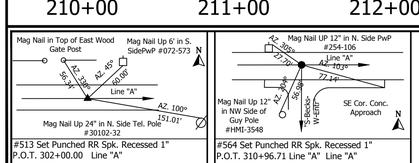
PLAN AND PROFILE
STA. 105+00.00 TO 114+80.66 LINE "F"

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: 4/4/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:54 PM 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



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

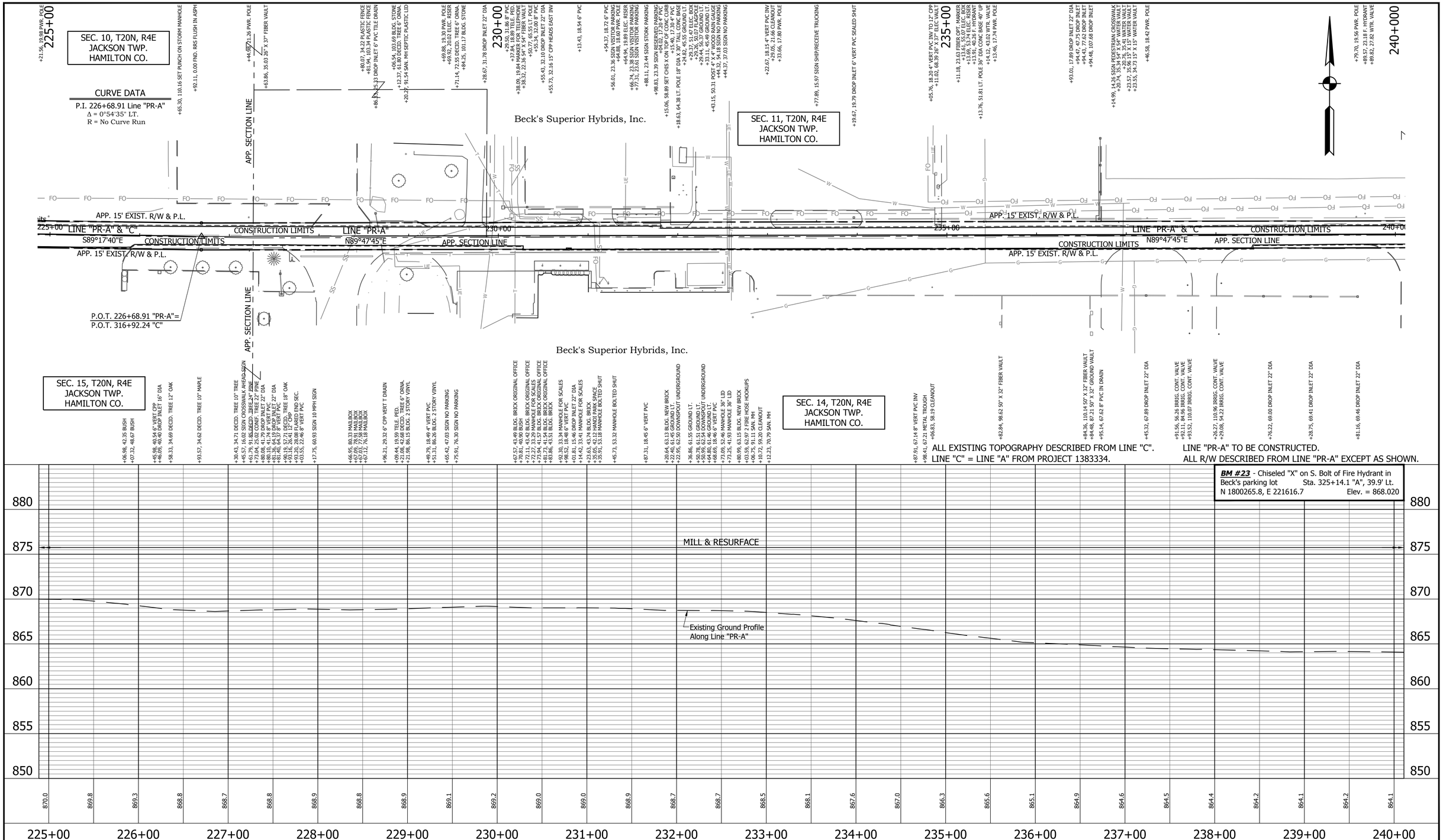
DESIGNED: BCF DRAWN: REW
CHECKED: LLC CHECKED: LLC

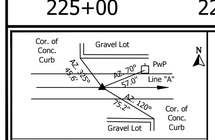
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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 III\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH 11-PRA_50_01.DWG





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

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

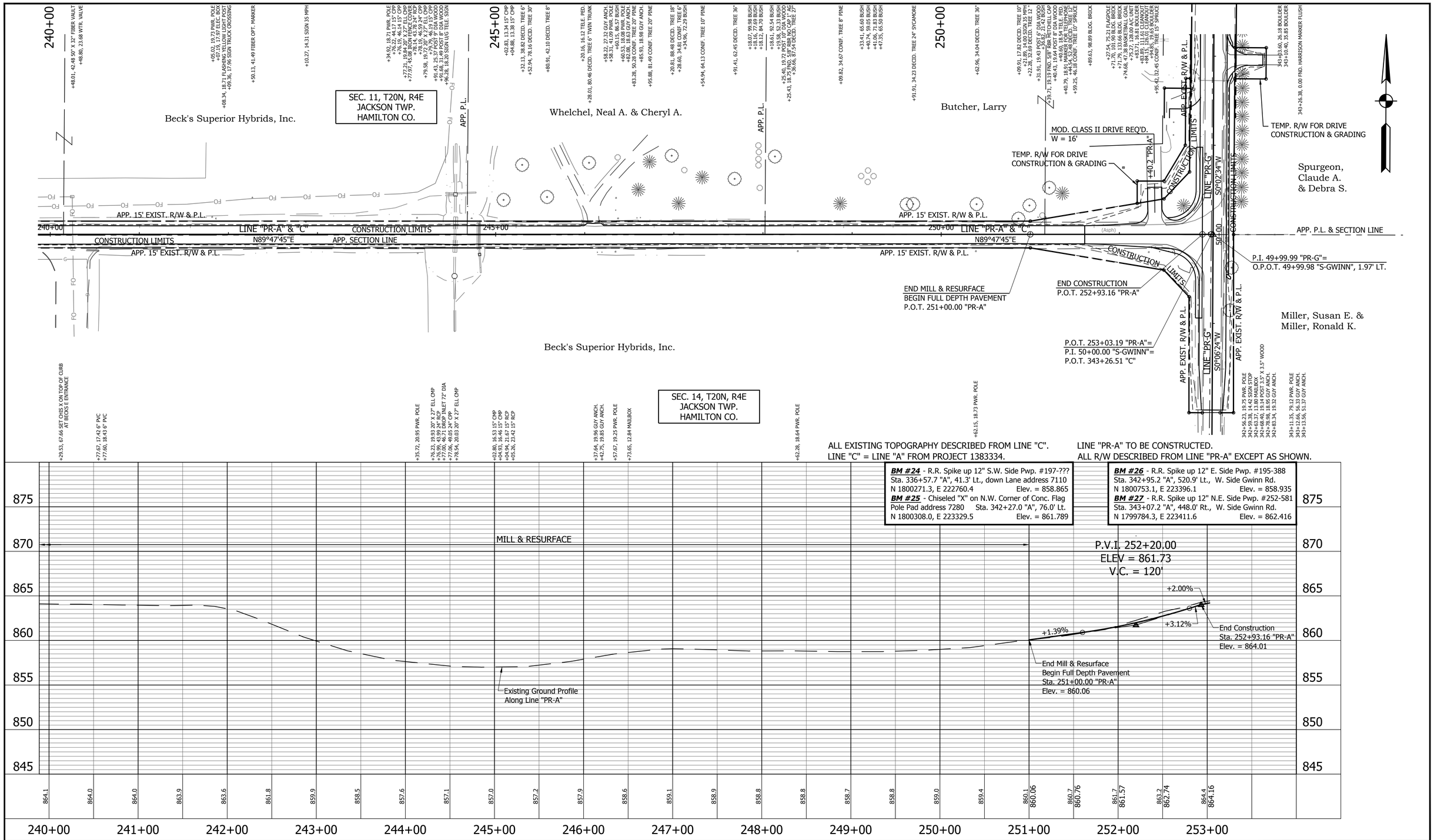
DESIGNED: BCF DRAWN: REW
CHECKED: LLC CHECKED: LLC

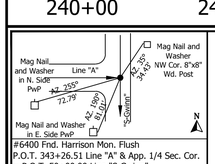
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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

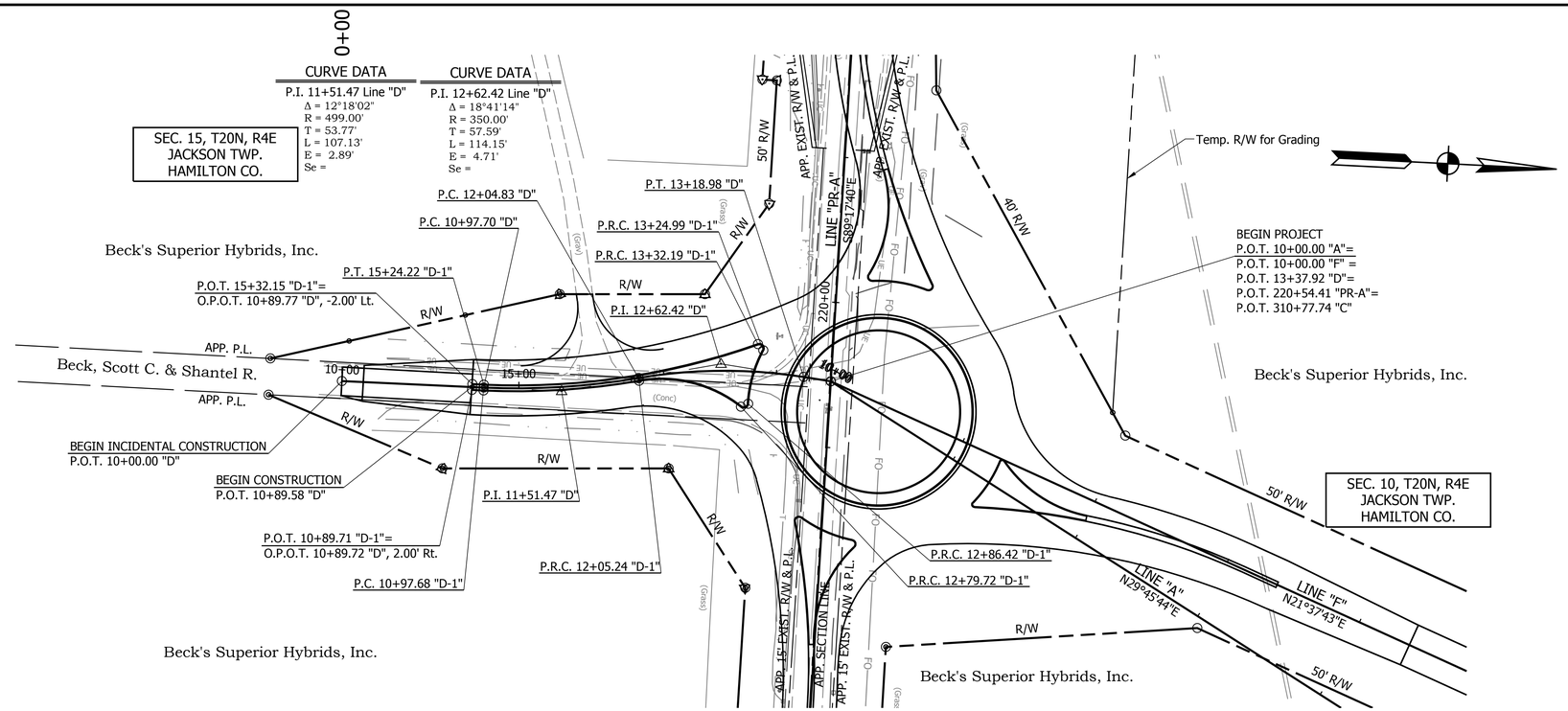
CHECKED: LLC CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

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

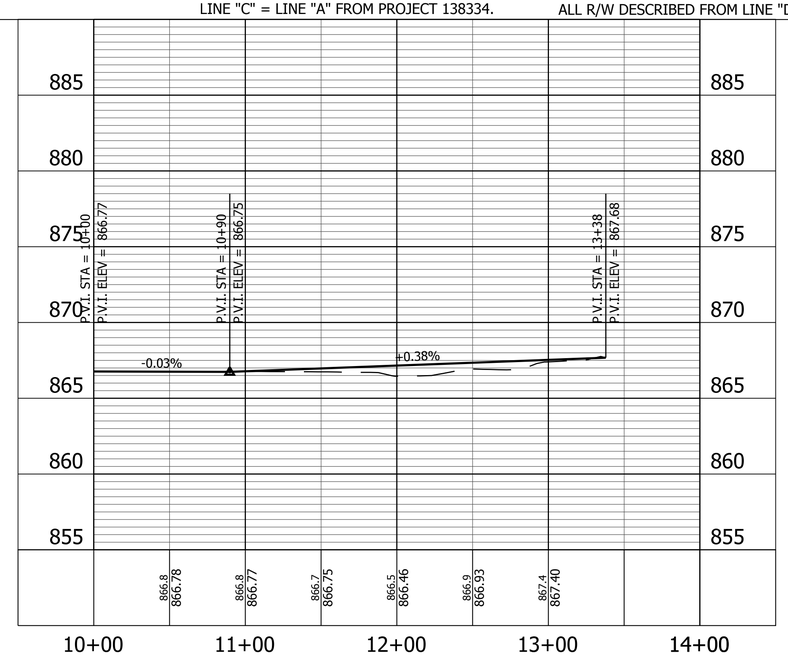
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1600597
SURVEY BOOK	SHEET
	25 of 158
CONTRACT	PROJECT
R-39726	1600597

PRINT DATE: 4/2/18
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 11-PRA_50_01.DWG



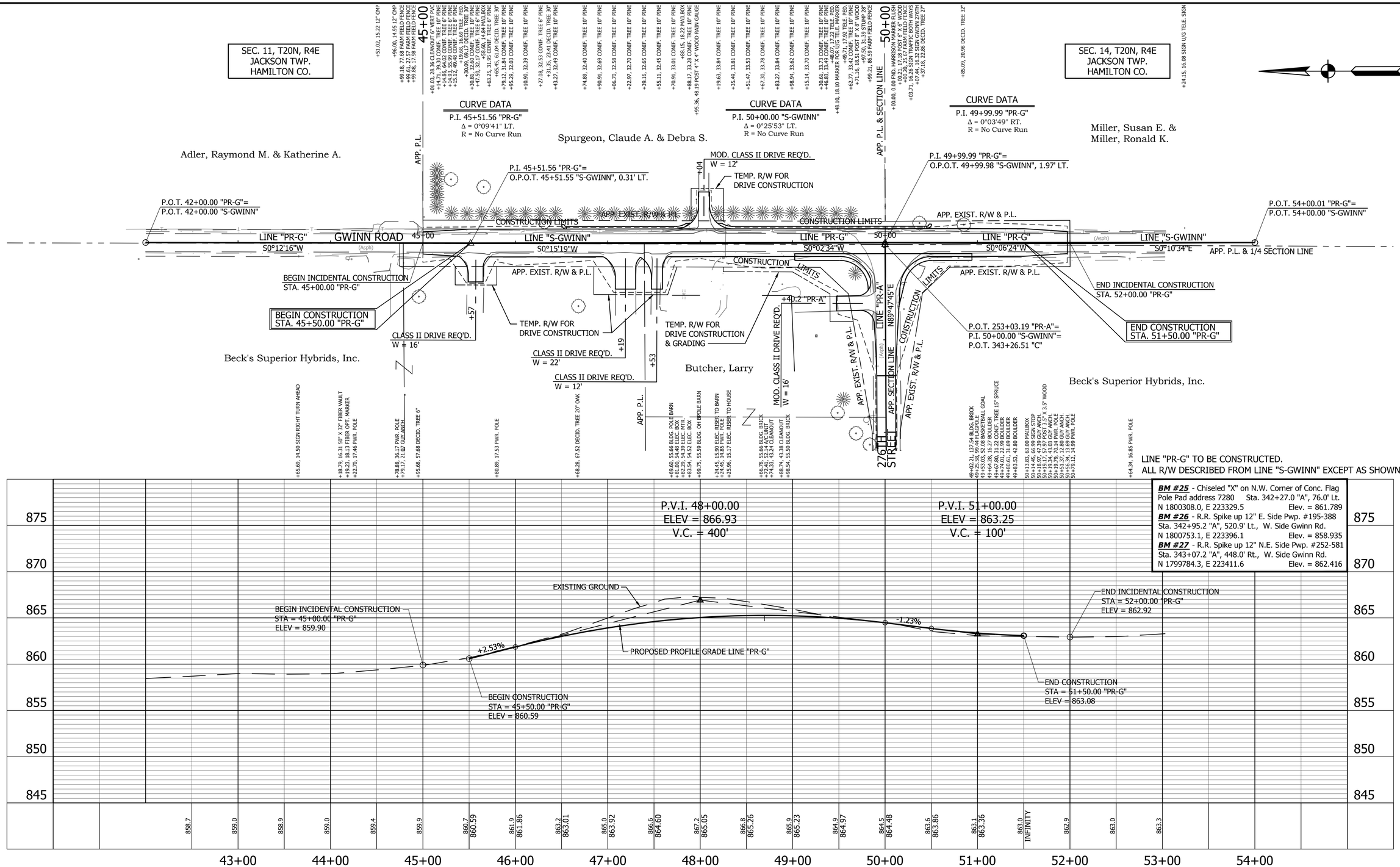
LINE "C" = LINE "A" FROM PROJECT 138334.

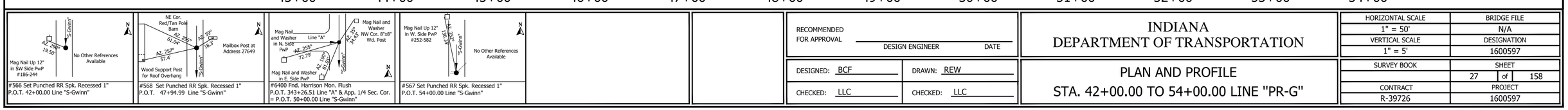
LINE "D" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "D" EXCEPT AS SHOWN.



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

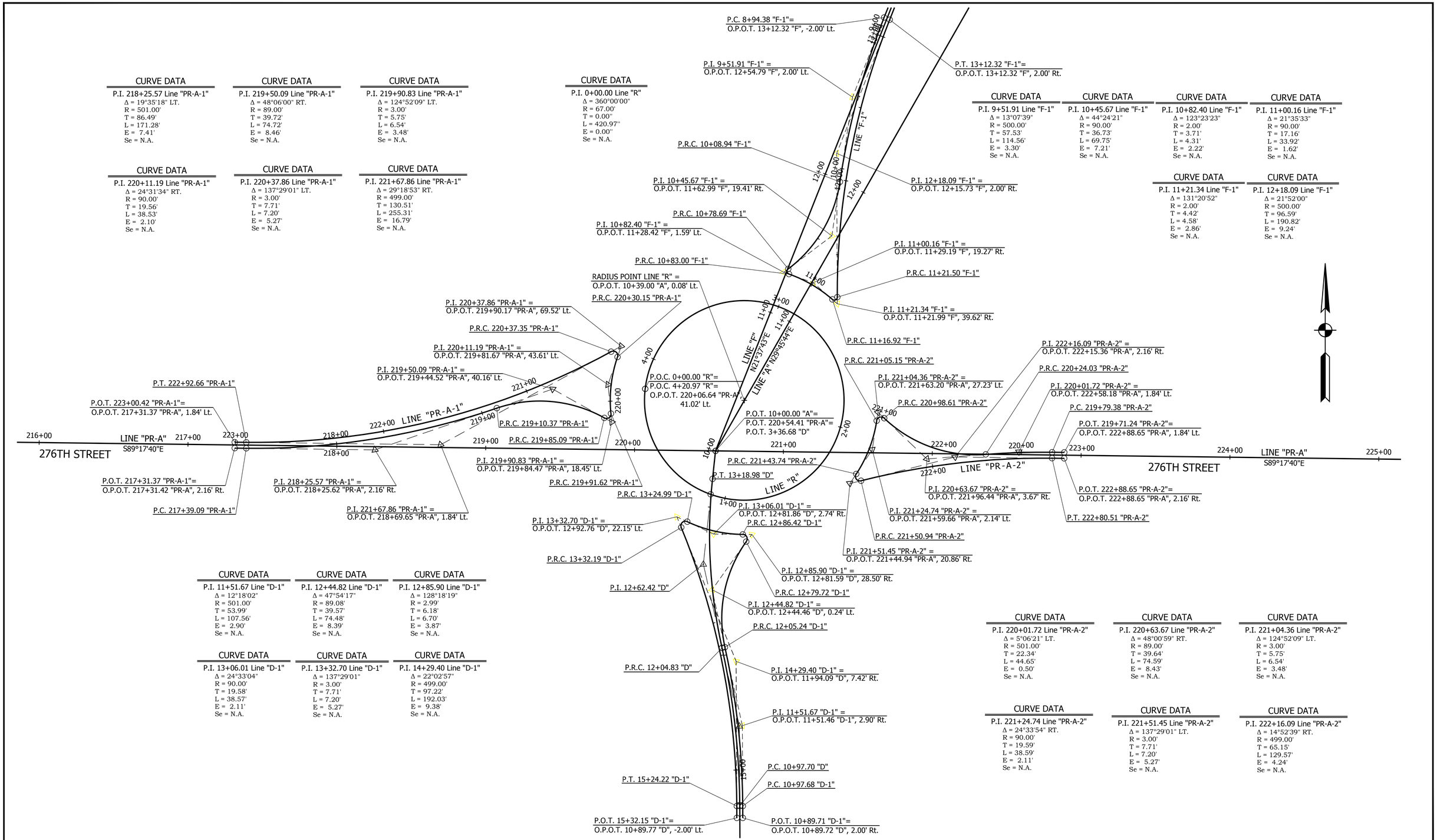
PRINT DATE: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:22 AM EDITED BY: KJPSHAW DRAWING FILE: P:\17-500-029-1 276TH STREET PHASE II\ACAD\06 PLAN PROF\SHT PLANPROFILE-276TH II-D_50_01.DWG





RECOMMENDED FOR APPROVAL	DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 50' / BRIDGE FILE N/A / VERTICAL SCALE 1" = 5' / DESIGNATION 1600597
DESIGNED: BCF	DRAWN: REW	PLAN AND PROFILE	SURVEY BOOK / SHEET 27 of 158
CHECKED: LLC	CHECKED: LLC	STA. 42+00.00 TO 54+00.00 LINE "PR-G"	CONTRACT R-39726 / PROJECT 1600597

PRINT DATE: 4/2/18
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 PROP\SHT PLAN\PROFILE-276TH 11-PRG_50_01.DWG



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

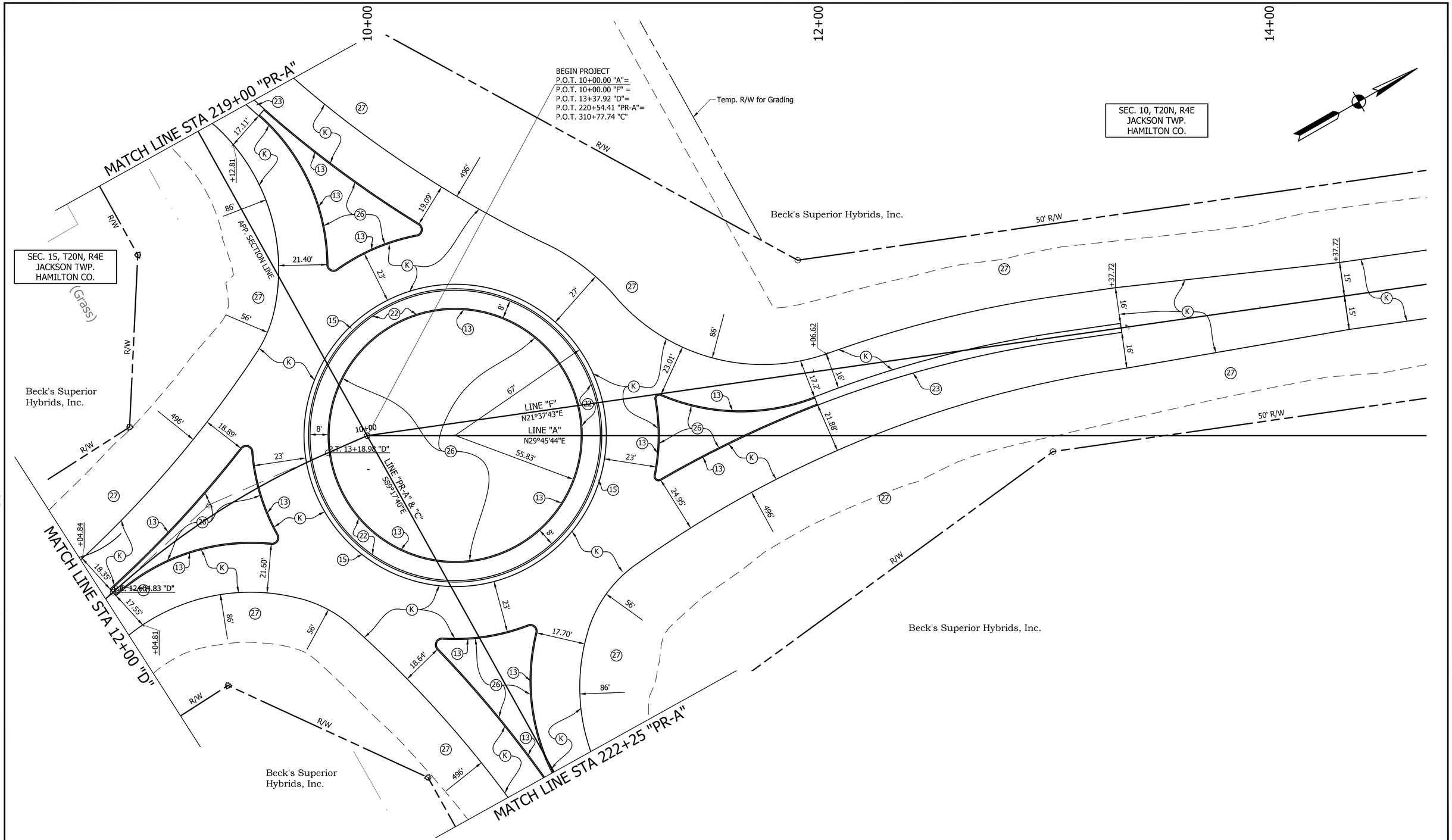
CHECKED: LLC CHECKED: LLC

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: 4/2/18
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



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

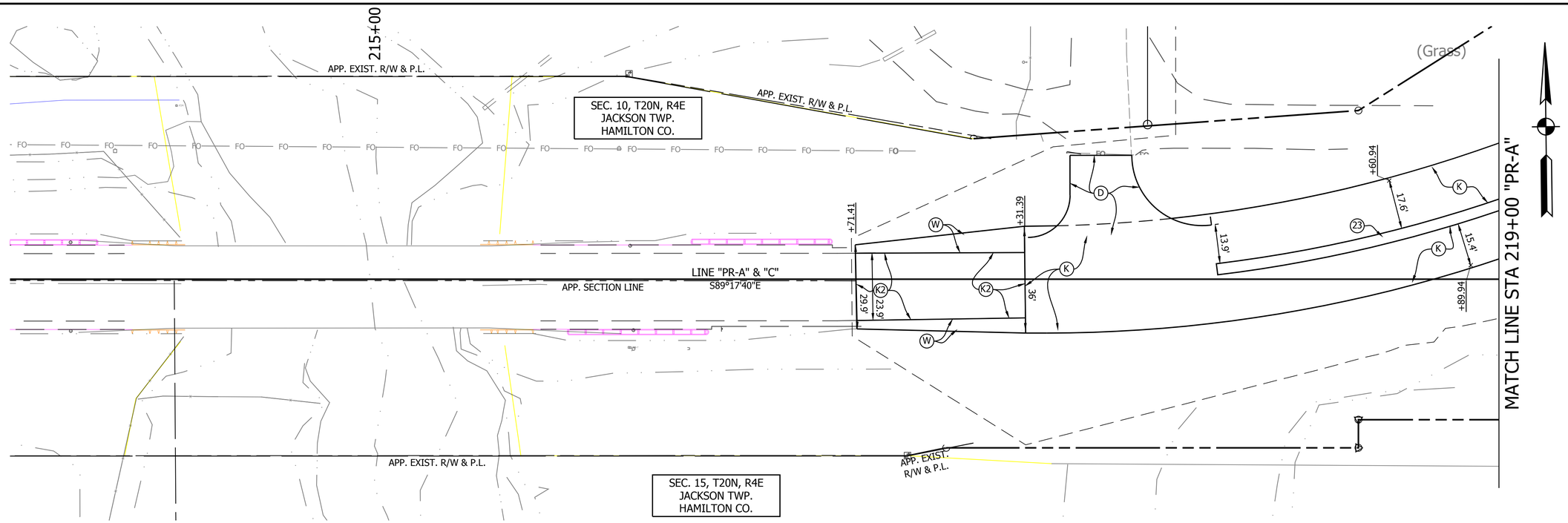
CHECKED: LLC CHECKED: LLC

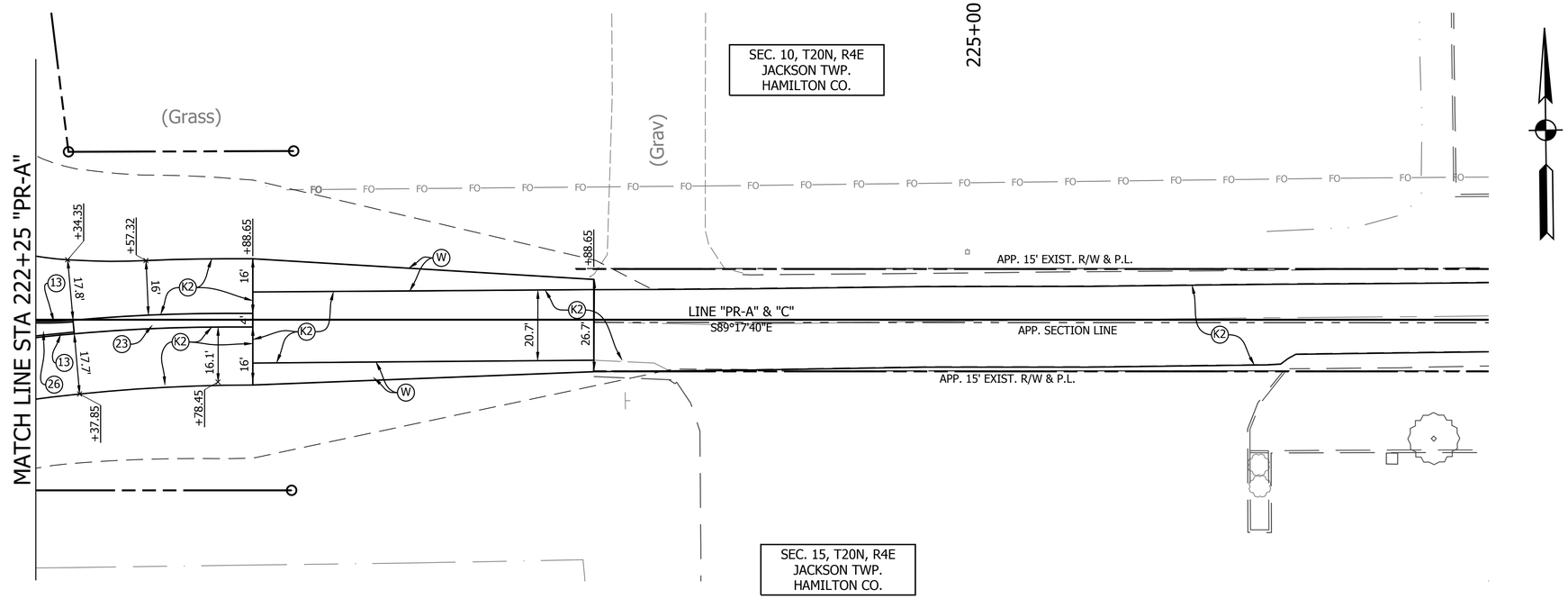
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:55 PM 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





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

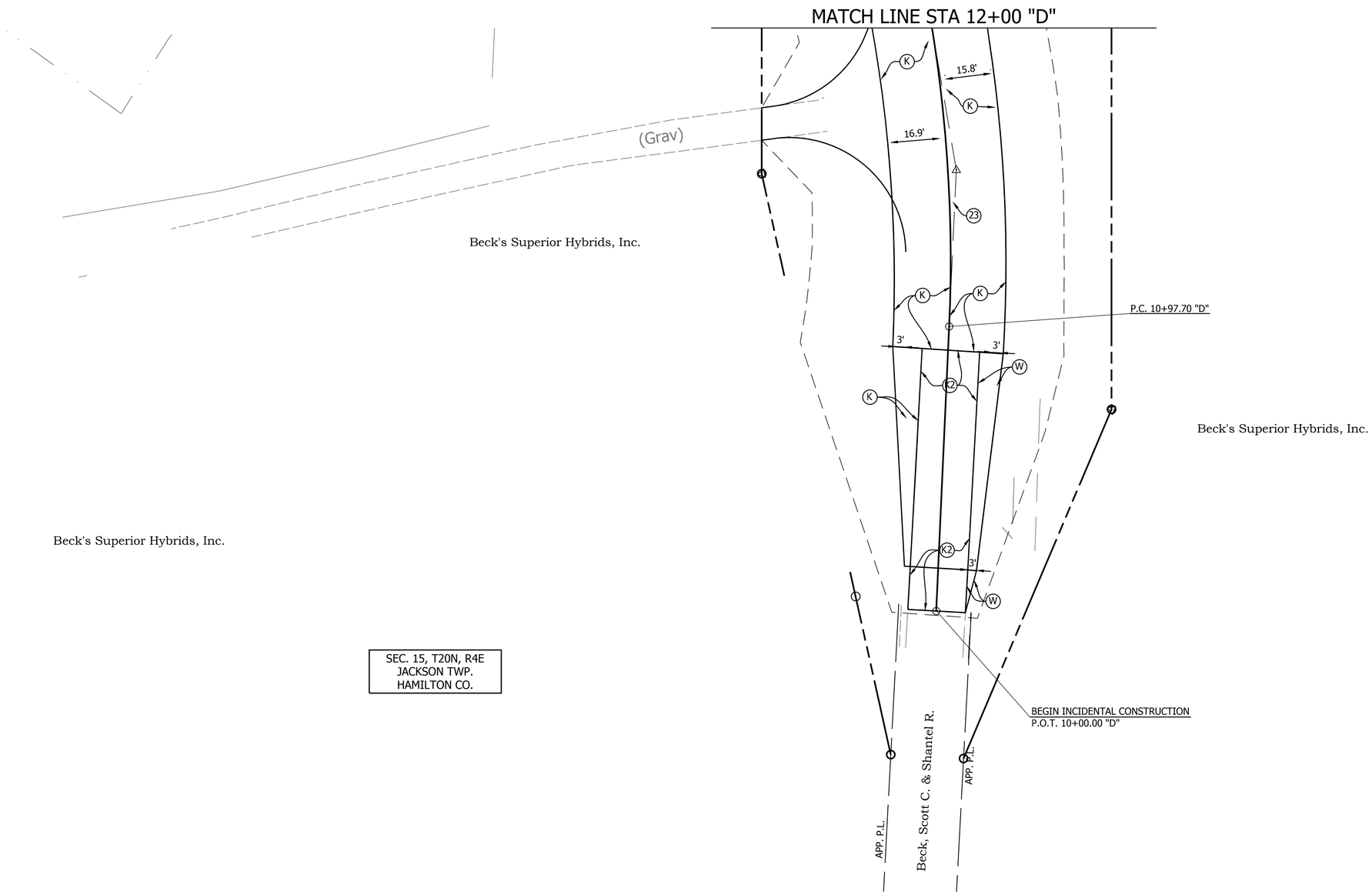
CHECKED: LLC CHECKED: LLC

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: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:55 PM 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

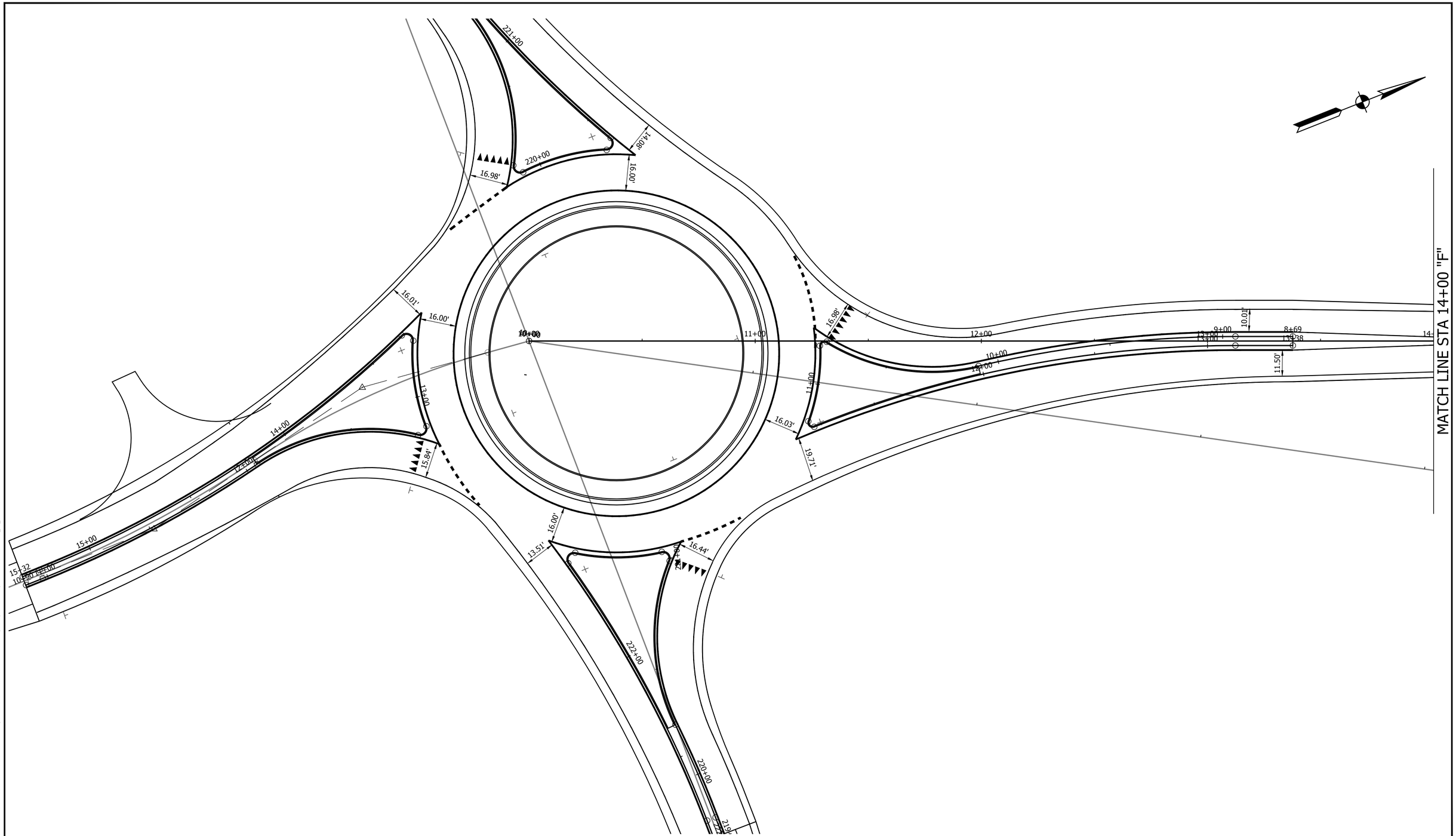
CHECKED: LLC CHECKED: LLC

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: 4/2/18
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 1:55 PM EDITED BY: KJPSHAW 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

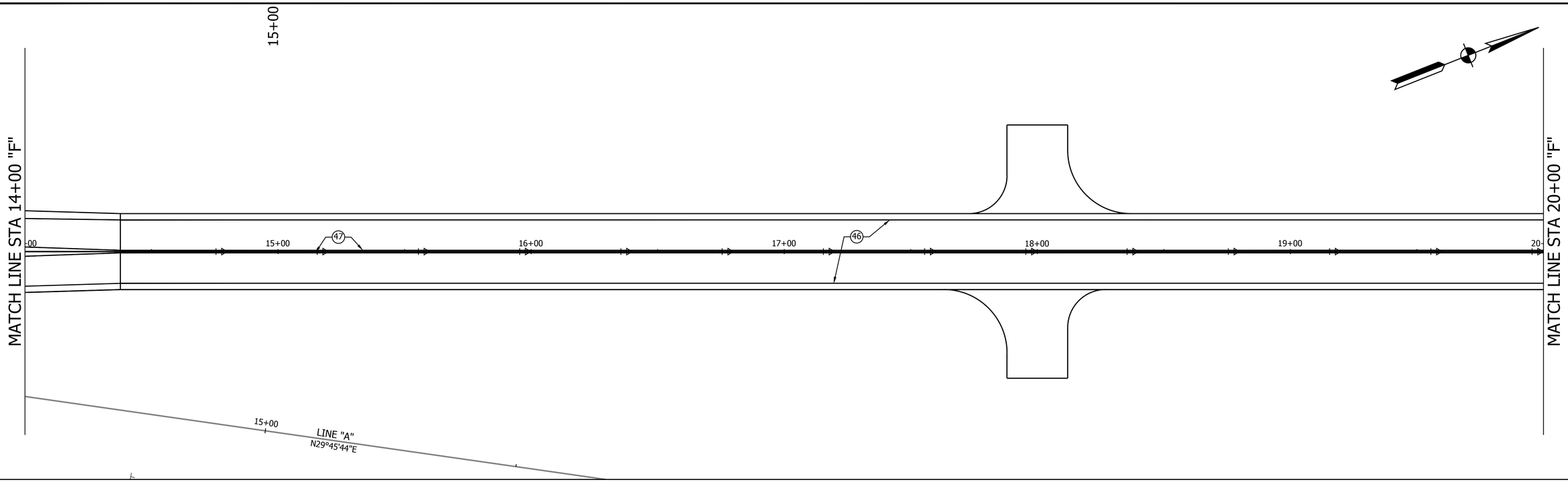
CHECKED: L.L.C. CHECKED: L.L.C.

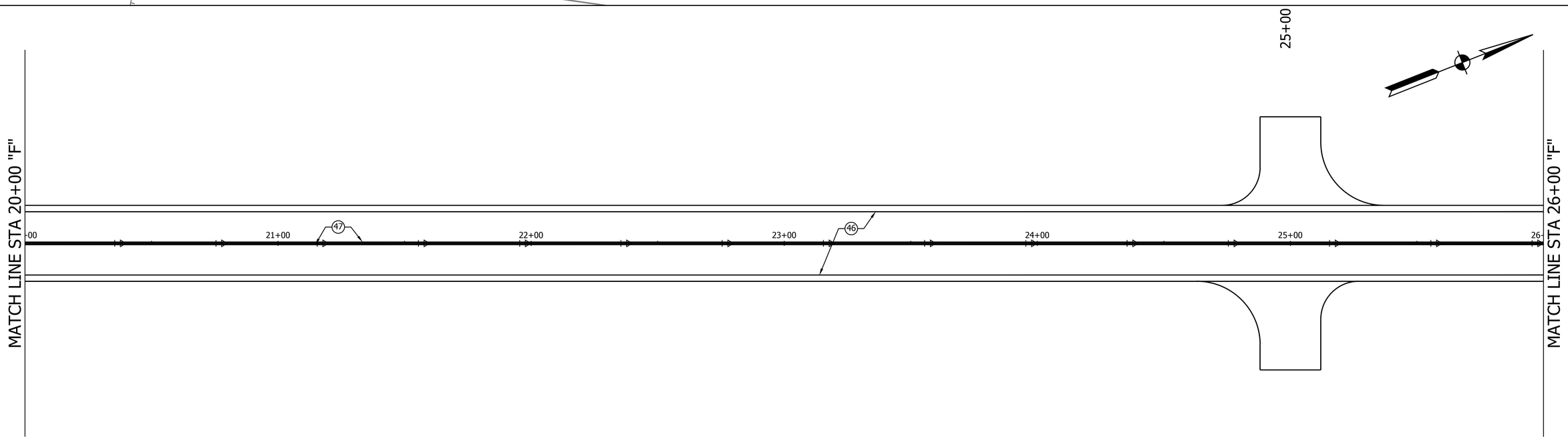
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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.

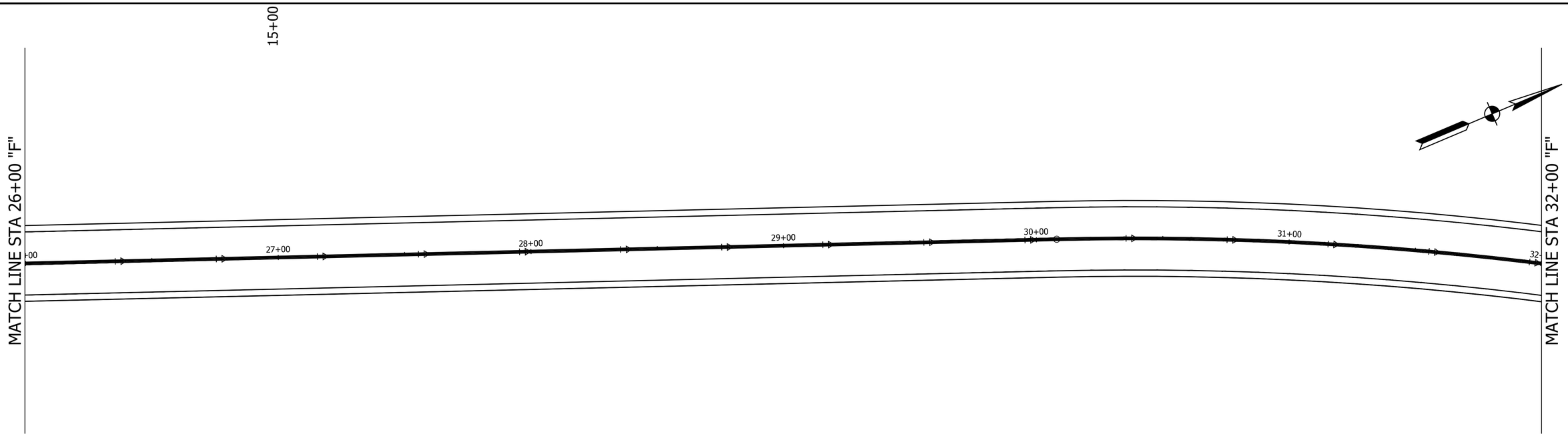
CHECKED: L.L.C. CHECKED: L.L.C.

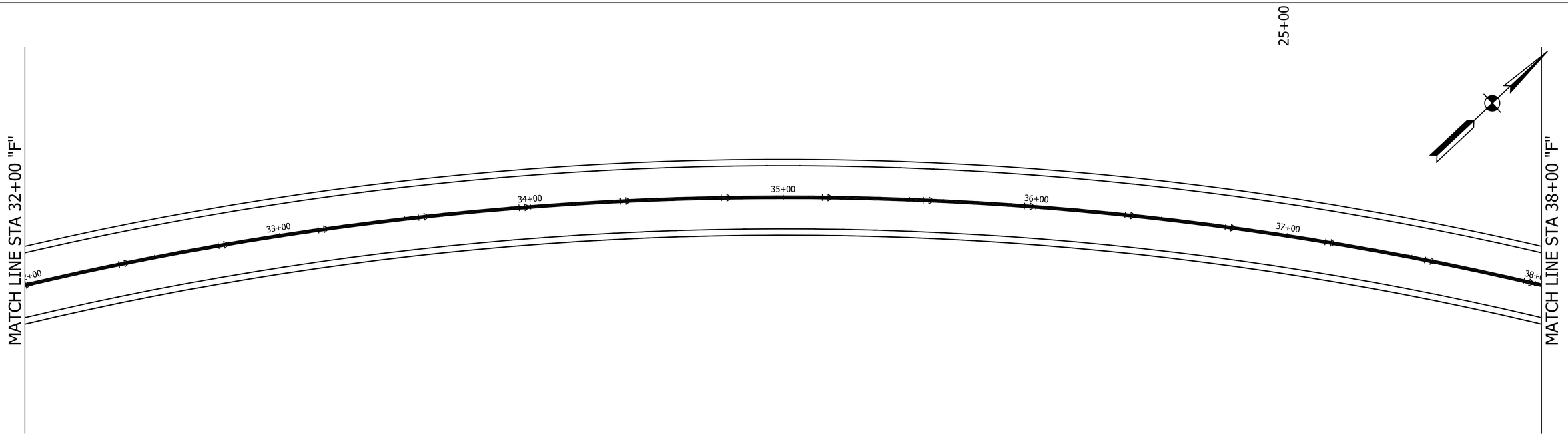
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 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: 4/2/18
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.

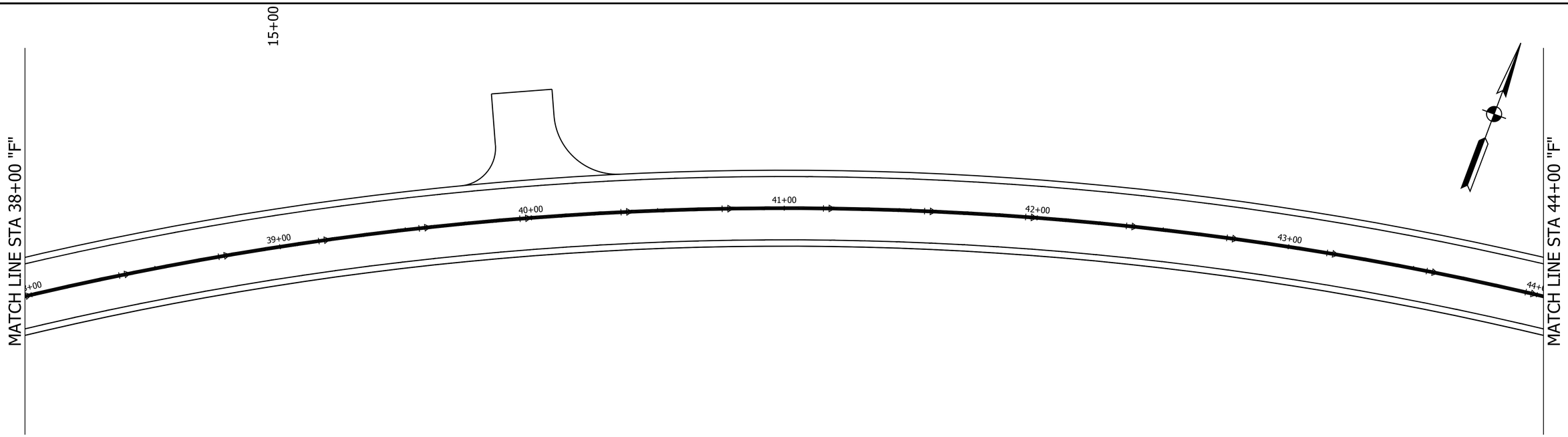
CHECKED: L.L.C. CHECKED: L.L.C.

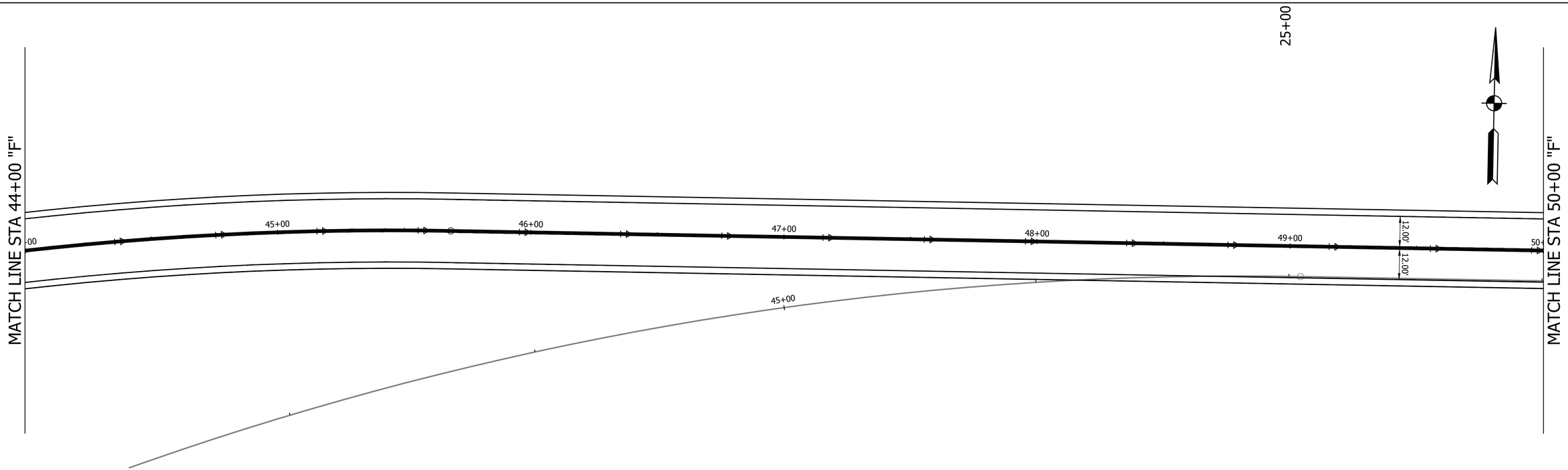
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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.

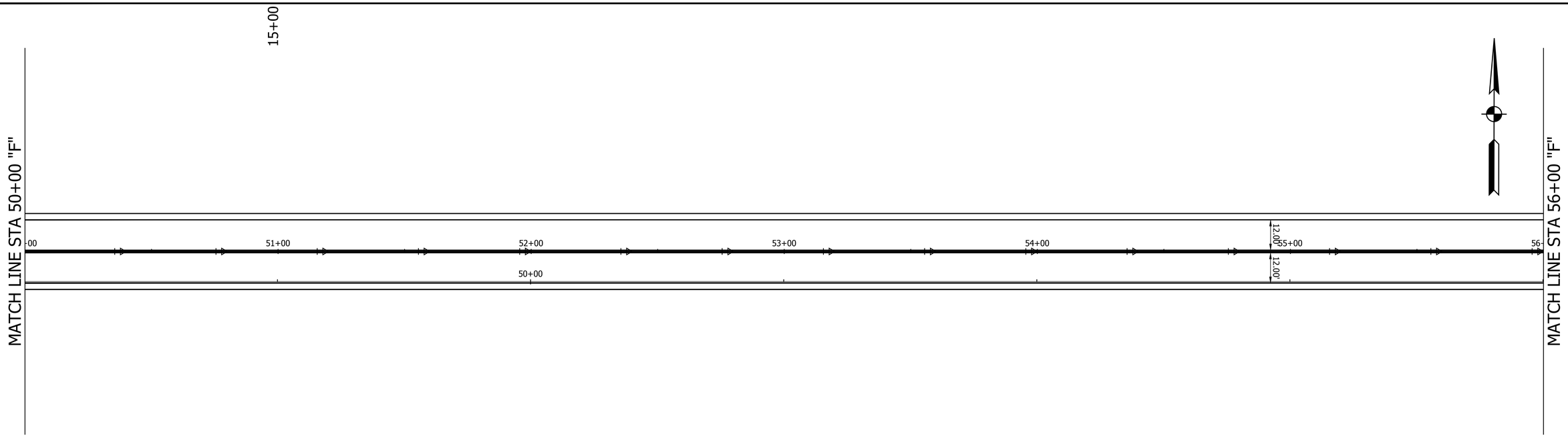
CHECKED: L.L.C. CHECKED: L.L.C.

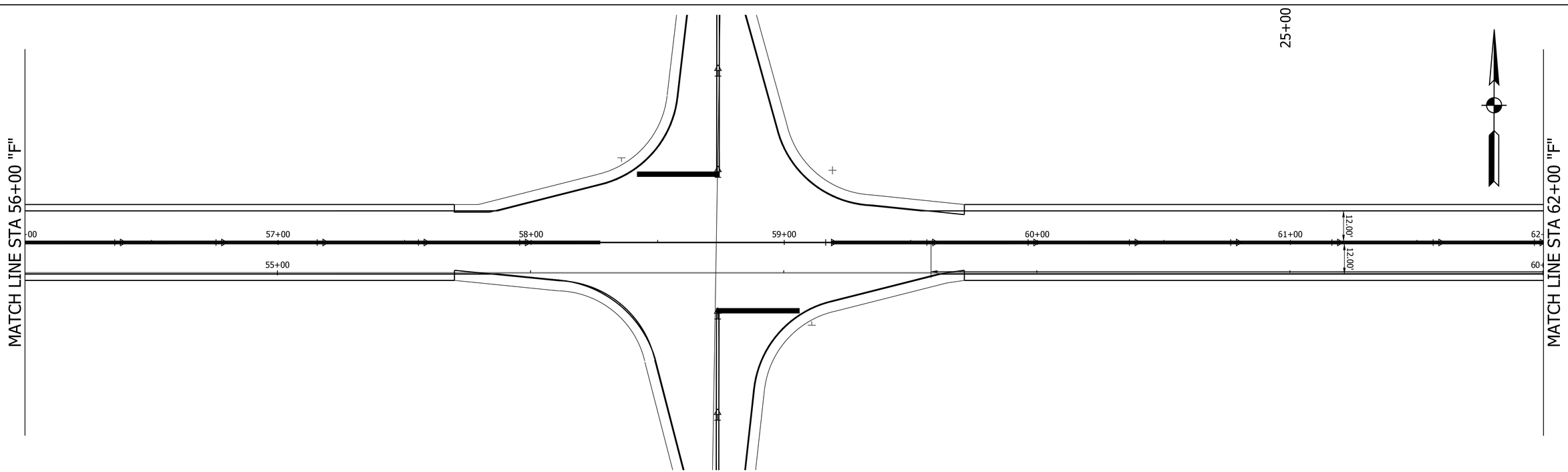
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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.

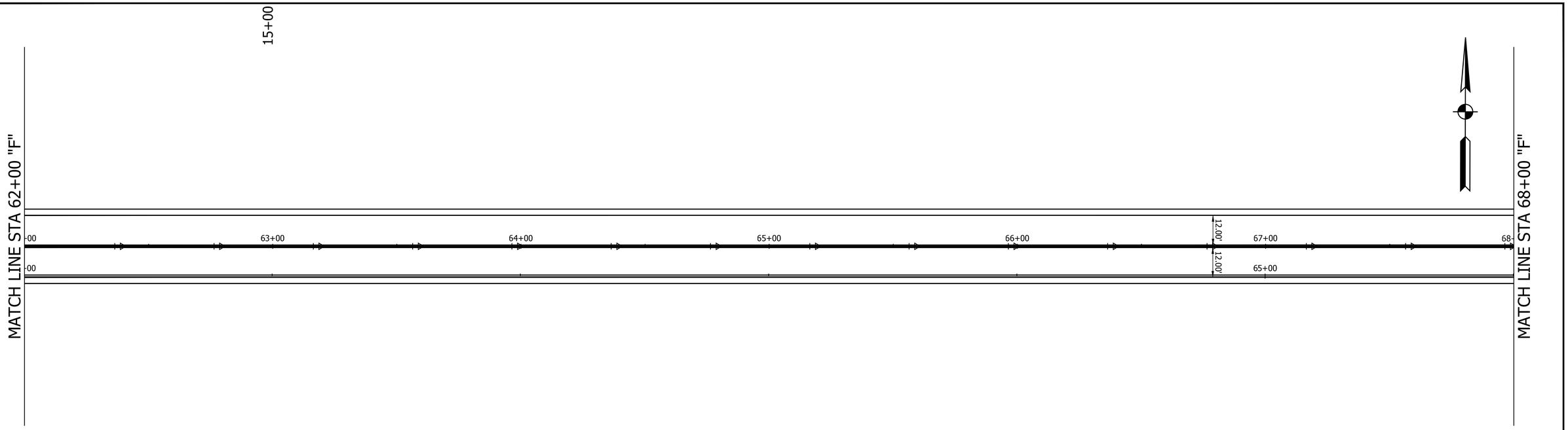
CHECKED: L.L.C. CHECKED: L.L.C.

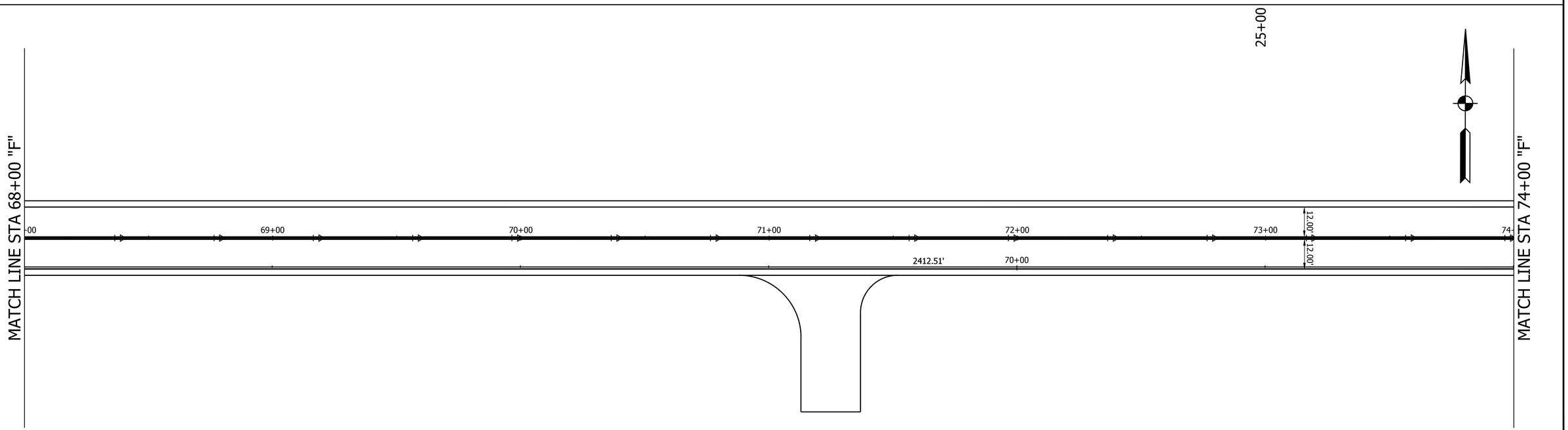
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 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: 4/2/18
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.

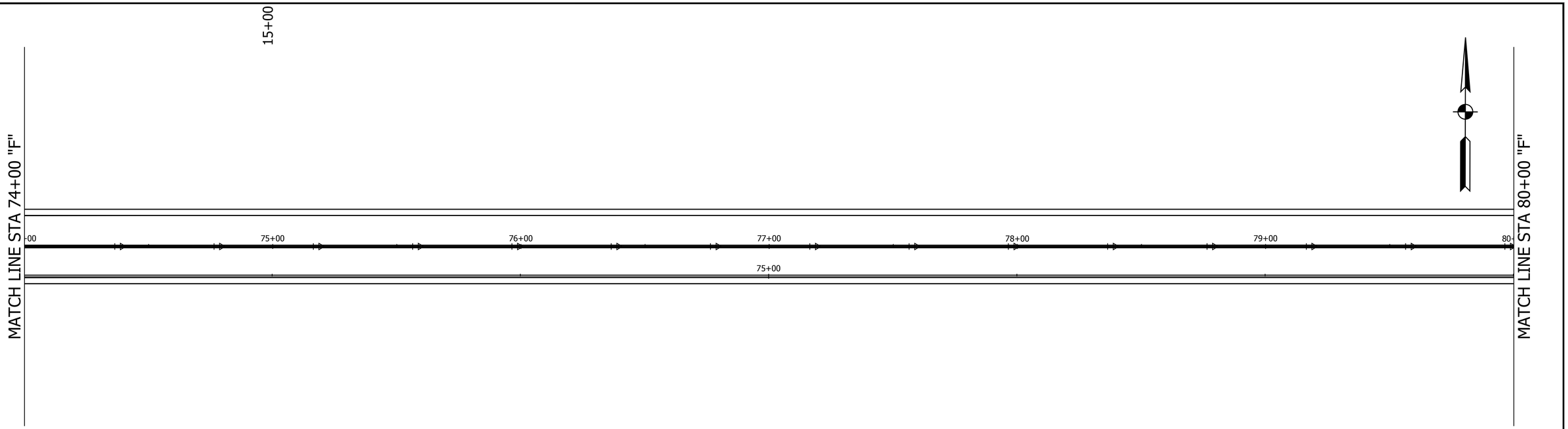
CHECKED: L.L.C. CHECKED: L.L.C.

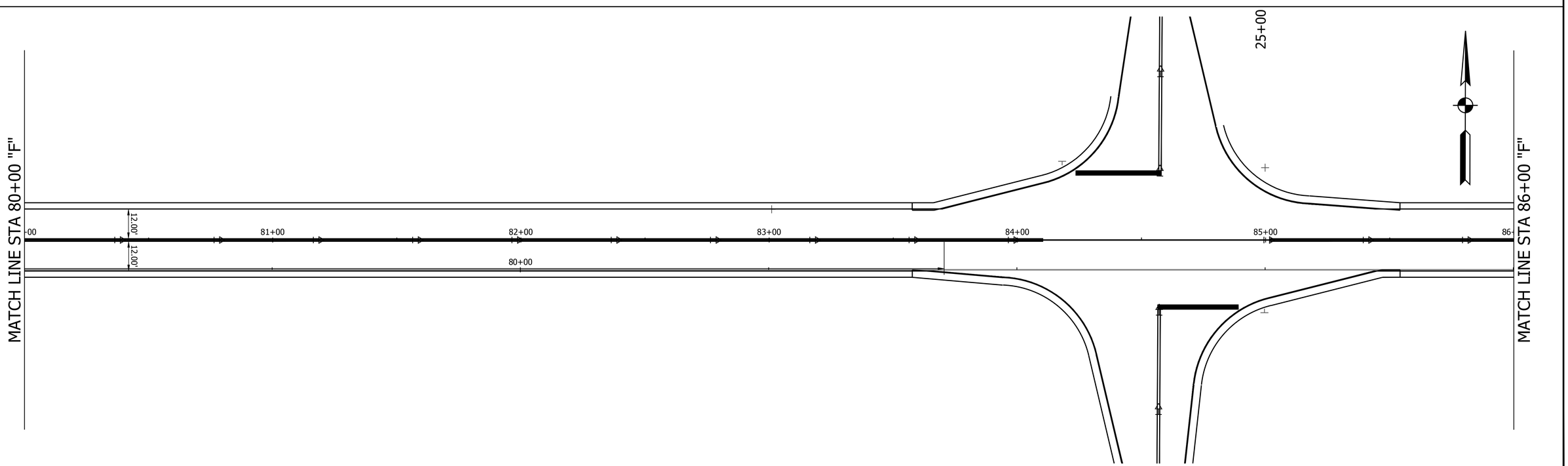
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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.

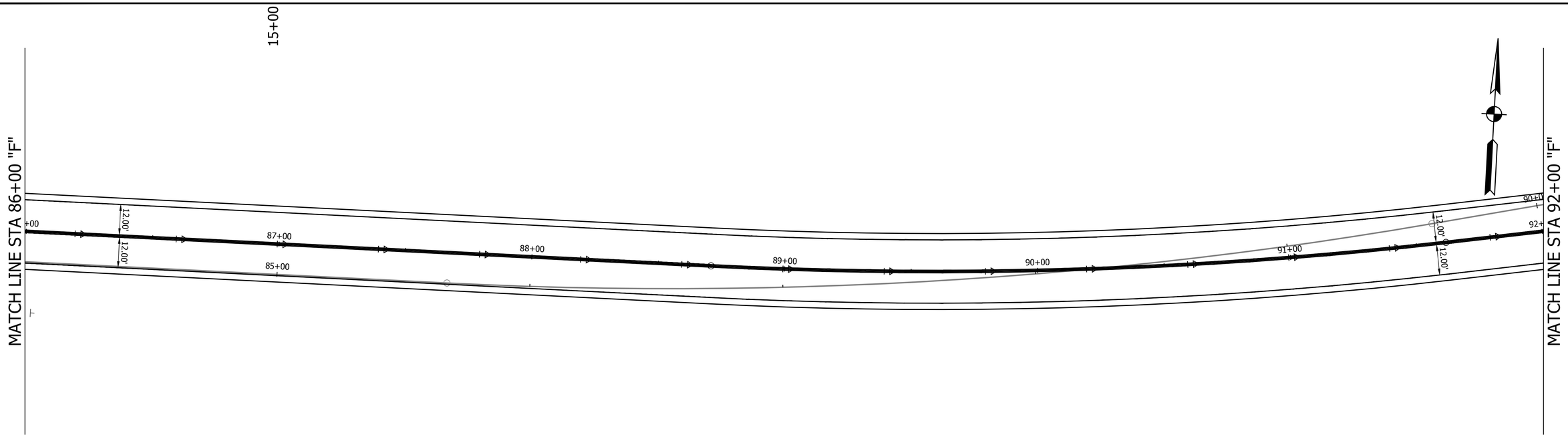
CHECKED: L.L.C. CHECKED: L.L.C.

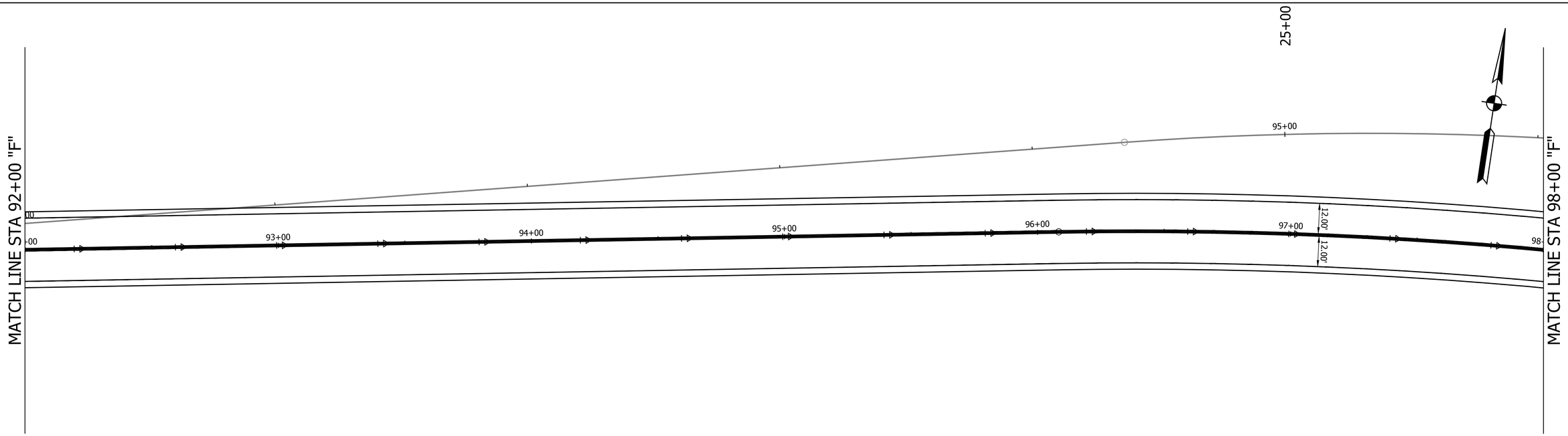
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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.

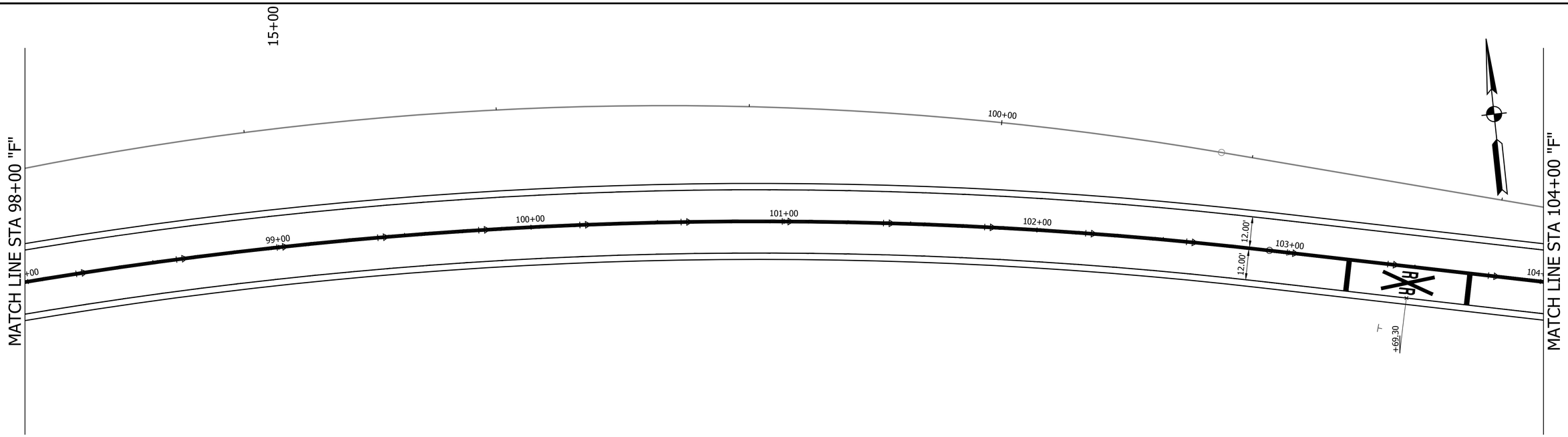
CHECKED: L.L.C. CHECKED: L.L.C.

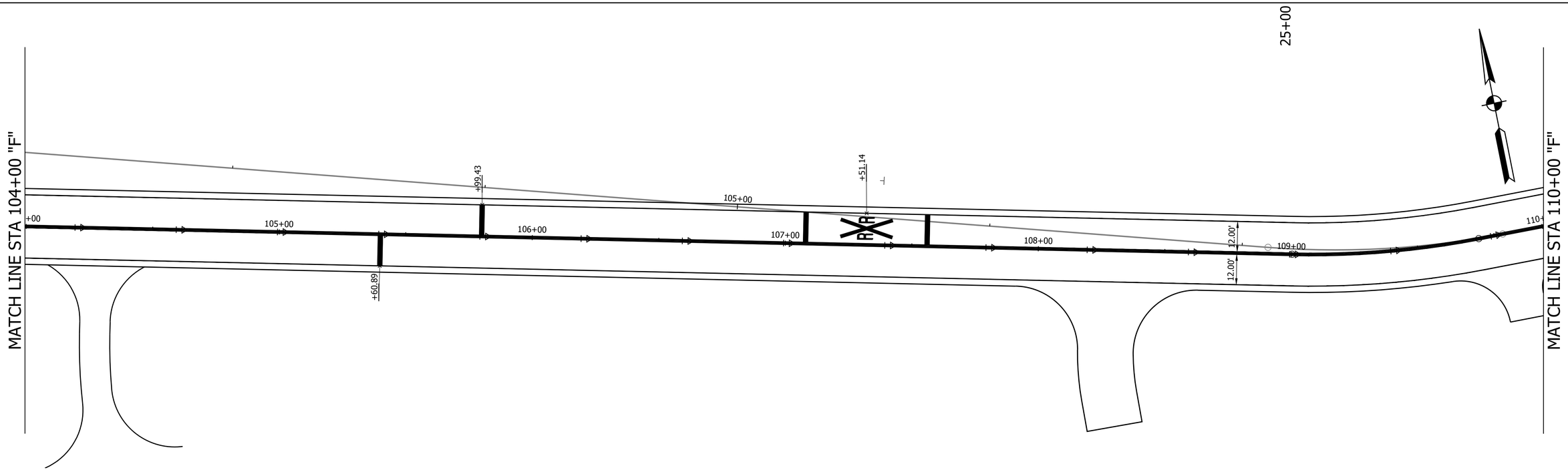
INDIANA
DEPARTMENT OF TRANSPORTATION

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: 4/2/18
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 11-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: 4/2/18
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.

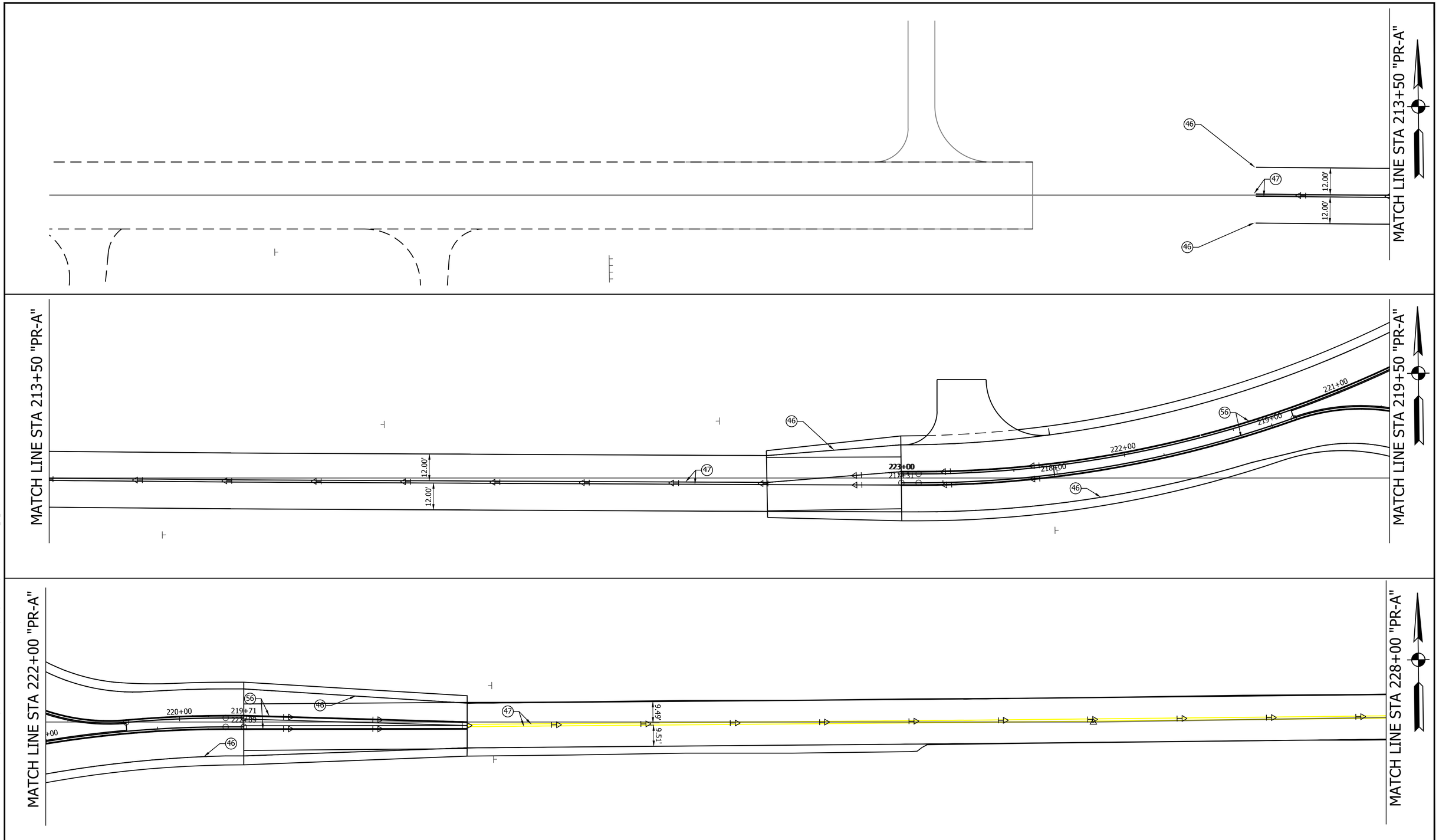
CHECKED: L.L.C. CHECKED: L.L.C.

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: 4/2/18
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)
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- (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

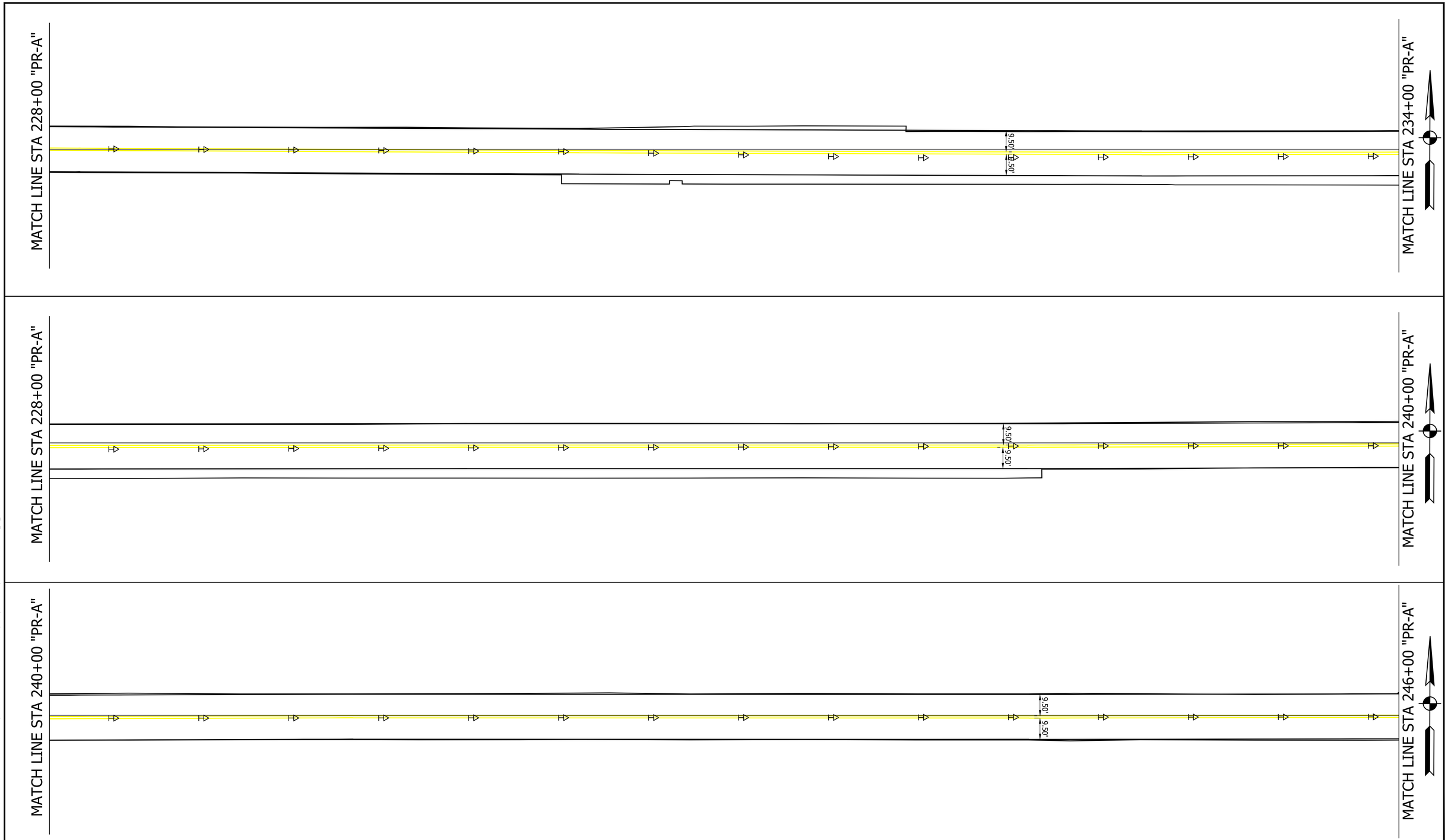
CHECKED: BCF CHECKED: LLC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGN DETAILS
LINE "PR-A"

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: 4/2/18
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

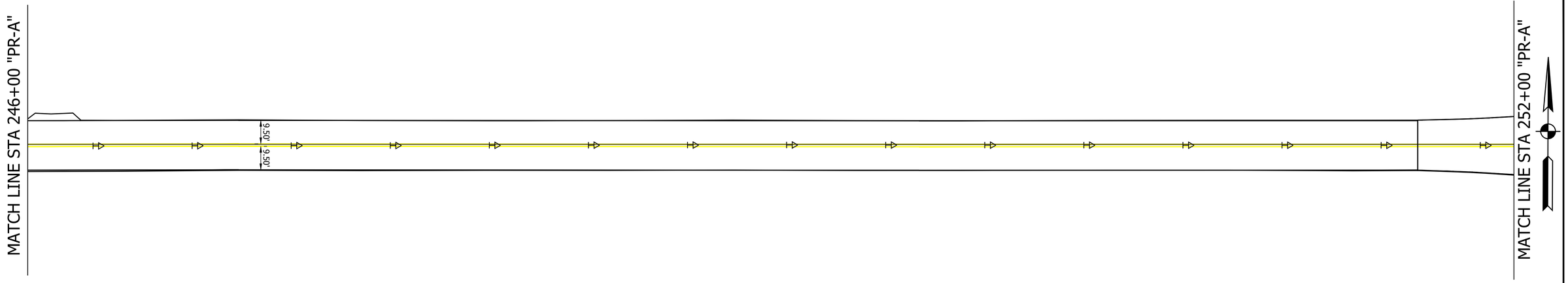
CHECKED: BCF CHECKED: LLC

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: 4/2/18
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"-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

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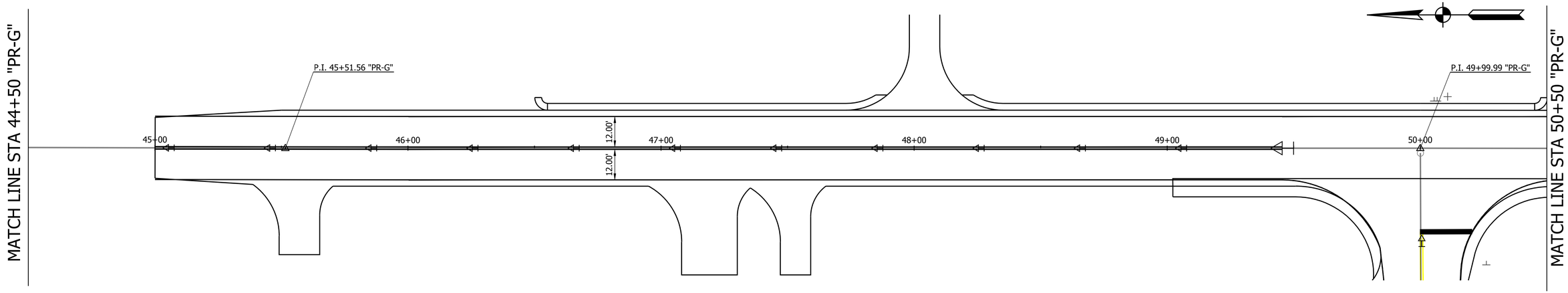

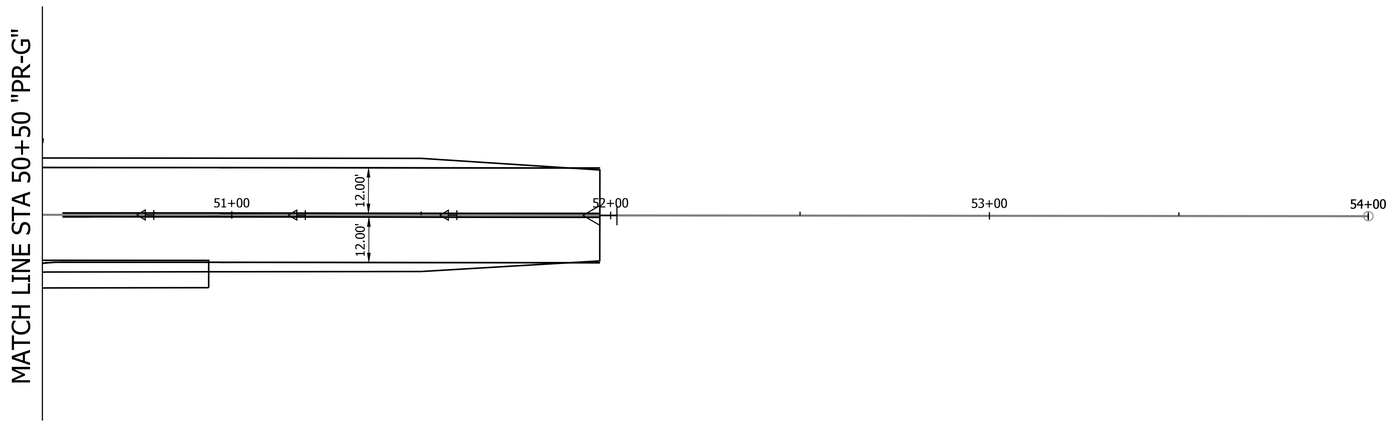

LEGEND

- (37) Pavement Message Marking, Thermoplastic, R for Railroad
- (38) Transverse Marking, Thermoplastic Yield Line, White, 24 in. (Sharks Teeth - see detail)
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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 "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

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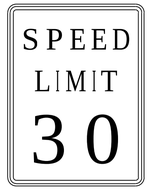
R1-1

80

R1-2

81

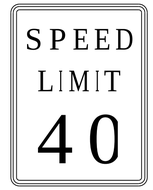


R2-1

82

R2-1

83



R2-1

84

R2-1

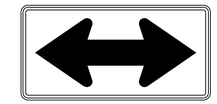
85

R2-1

86

R6-4b

87



W1-7

88

W6-1

89

W6-3

90

W10-1

91

R4-7

W2-6a

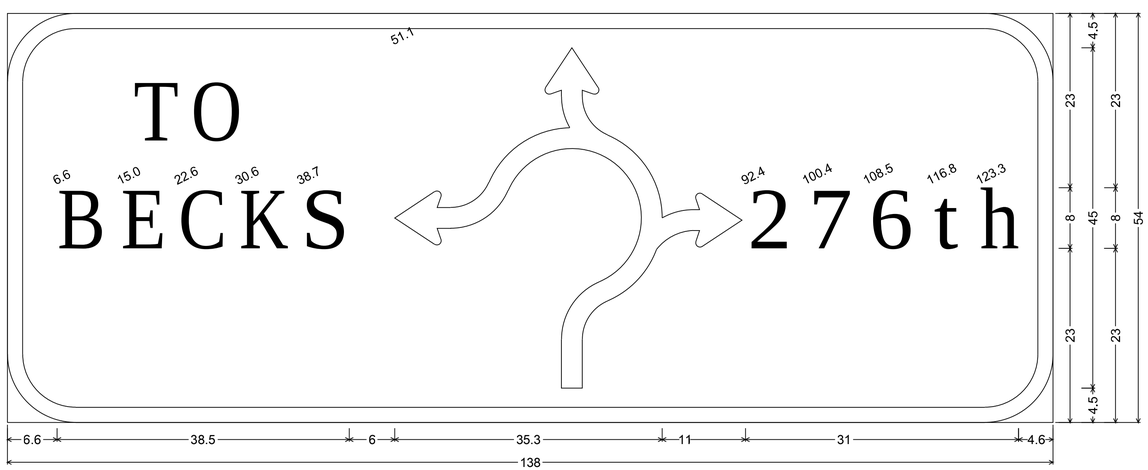
OM3-L

92

W16-17p

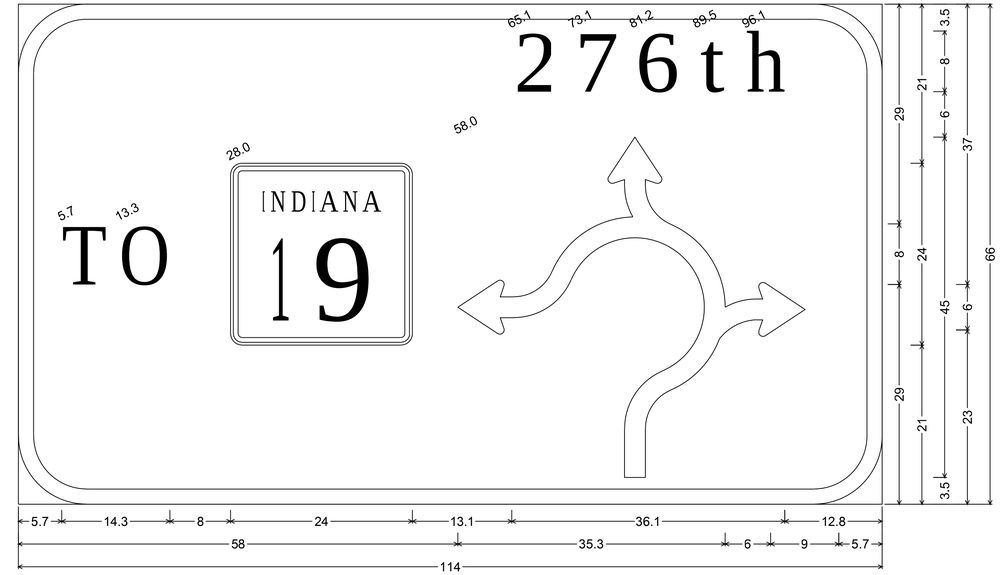
W13-1

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)
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- 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

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