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Categorical Exclusion

Appendix A

INDOT Supporting Documentation

B-Line Trail (Des. No. 1700735) Categorical Exclusion Level Thresholds

	PCE	Level 1	Level 2	Level 3	Level 4 ¹
Section 106	Falls within guidelines of Minor Projects PA	“No Historic Properties Affected”	“No Adverse Effect”	-	“Adverse Effect” Or Historic Bridge involvement ²
Stream Impacts³	No construction in waterways or water bodies	< 300 linear feet of stream impacts	≥ 300 linear feet of stream impacts	-	USACE Individual 404 Permit ⁴
Wetland Impacts³	No adverse impacts to wetlands	< 0.1 acre	-	< 1.0 acre	≥ 1.0 acre
Right-of-way⁵	Property acquisition for preservation only or none	< 0.5 acre	≥ 0.5 acre	-	-
Relocations	None	-	-	< 5	≥ 5
Threatened/Endangered Species (Species Specific Programmatic for Indiana bat & northern long eared bat)*	“No Effect”, “Not likely to Adversely Affect” (With select AMMs ⁶)	“Not likely to Adversely Affect” (With any AMMs or commitments)	-	“Likely to Adversely Affect”	Project does not fall under Species Specific Programmatic ⁷
Threatened/Endangered Species (Any other species)*	Falls within guidelines of USFWS 2013 Interim Policy or “No Effect”	“Not likely to Adversely Affect”	-	-	“Likely to Adversely Affect”
Environmental Justice	No disproportionately high and adverse impacts	-	-	-	Potential ⁸
Sole Source Aquifer	No Detailed Groundwater Assessment	-	-	-	Detailed Groundwater Assessment
Floodplain	No Substantial Impacts	-	-	-	Substantial Impacts
Section 4(f) Impacts	None	-	-	-	Any ⁹
Section 6(f) Impacts	None	-	-	-	Any
Permanent Traffic Alteration	None	-	-	-	Any
Noise Analysis Required	No	-	-	-	Yes
Air Quality Analysis Required	No	-	-	-	Yes ¹⁰
Approval Level					
<ul style="list-style-type: none"> • District Env. (DE) • Env. Serv. Div. (ESD) • FHWA 	Concurrence by DE or ESD	DE or ESD	DE or ESD	DE and/or ESD	DE and/or ESD; and FHWA

¹ Coordinate with INDOT Environmental Services Division. INDOT will then coordinate with the appropriate FHWA Environmental Specialist.

² Any involvement with a bridge processed under the Historic Bridge Programmatic Agreement.

³ Total permanent impacts to streams (linear feet) and wetlands (acres).

⁴ US Army Corps of Engineers Individual 404 Permit

⁵ Total permanent and temporary right-of-way. This does not include reacquisition of existing apparent right-of-way.

⁶ Avoidance and Mitigation Measures (AMMs) determined by the IPAC determination key to be required that are not tree AMMs, bridge AMMs, or structure AMMs.

⁷ Projects that do not fall under a Species Specific Programmatic and results in a “Likely to Adversely Affect”. Other findings can be processed as a lower level CE.

⁸ Potential for causing a disproportionately high and adverse impact.

⁹ Section 4(f) use resulting in an Individual, Programmatic, or *de minimis* evaluation. The only exception is a *de minimis* evaluation for historic properties (Effective January 2, 2020). If a historic property *de minimis* and no other use, mark the *None* column.

¹⁰ Hot Spot Analysis and/or MSAT Quantitative Emission Analysis.

* Includes the threatened/endangered species critical habitat.

Note: Substantial public or agency controversy may require a higher-level NEPA document.

Categorical Exclusion

Appendix B

Graphics

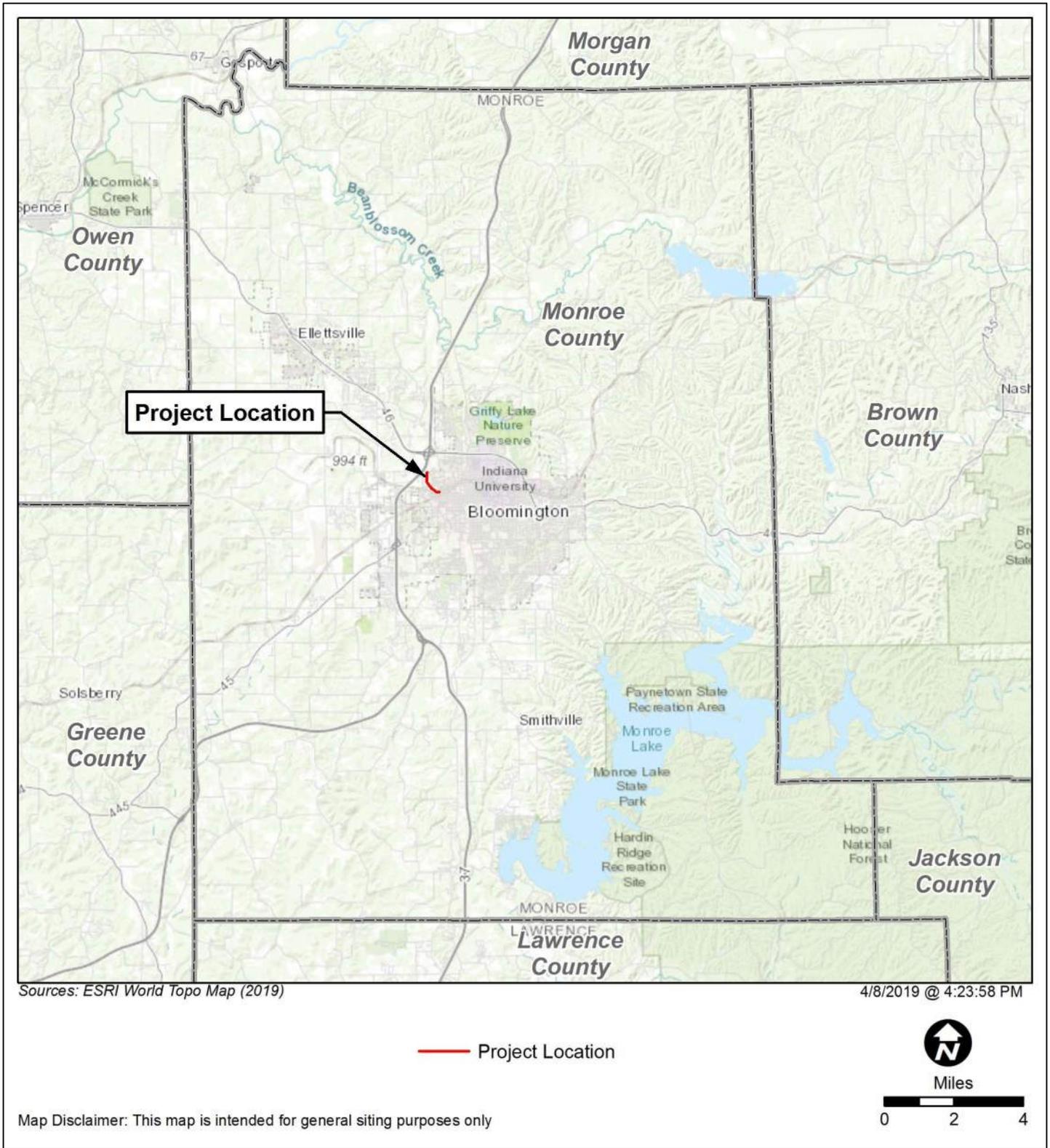


Figure 1 – Project Location Map

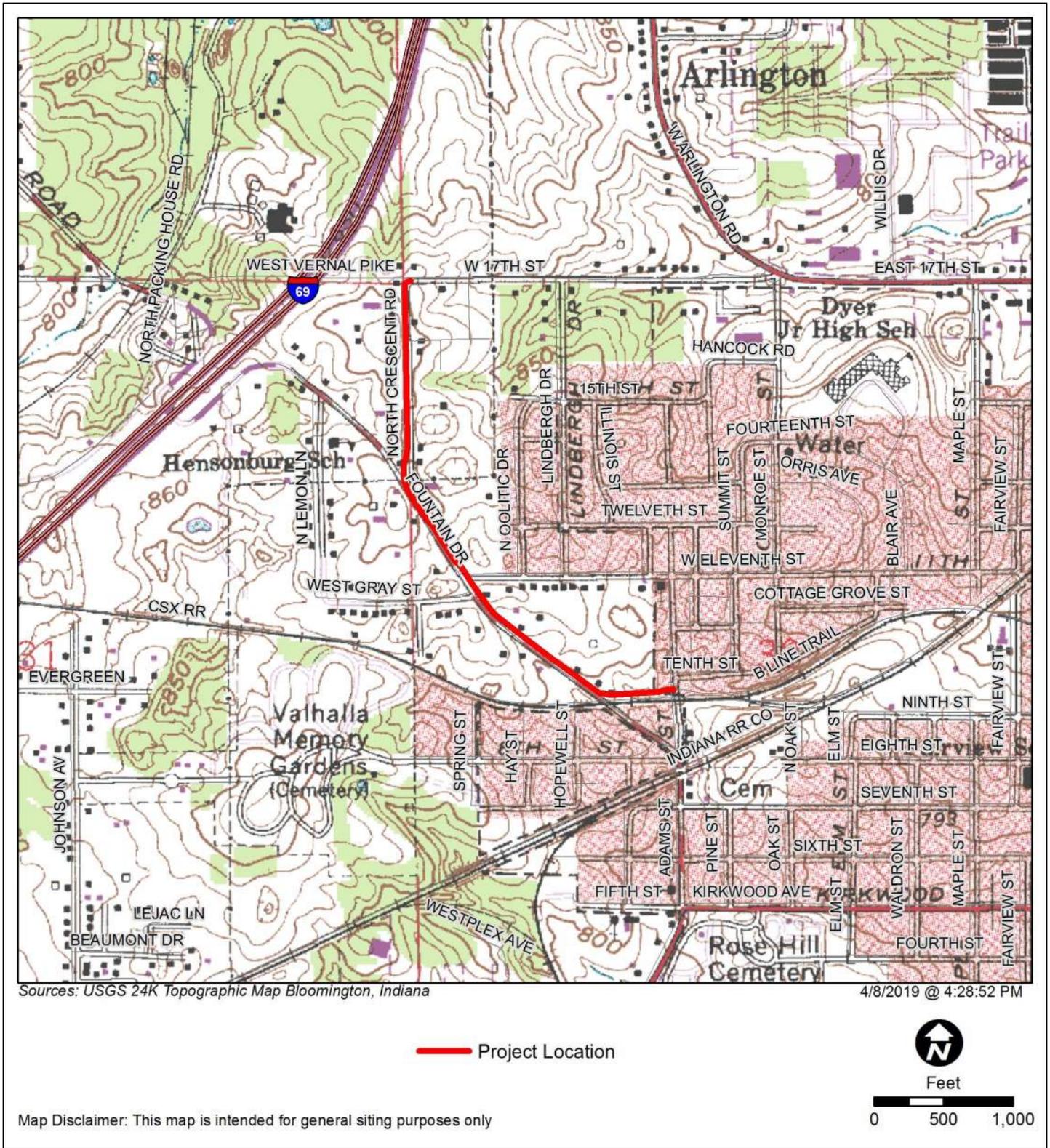


Figure 2 – Project Vicinity Topographic Map

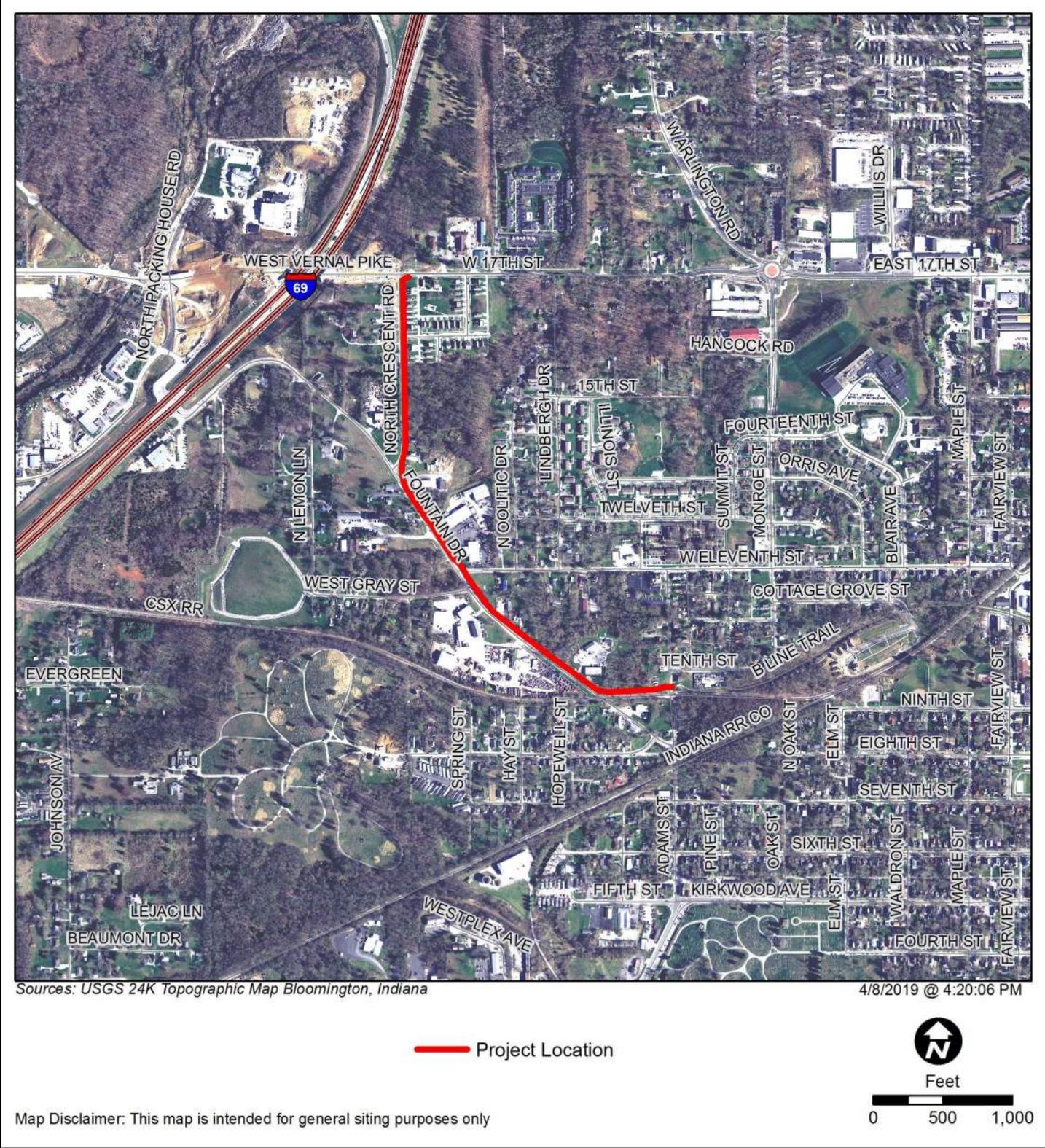
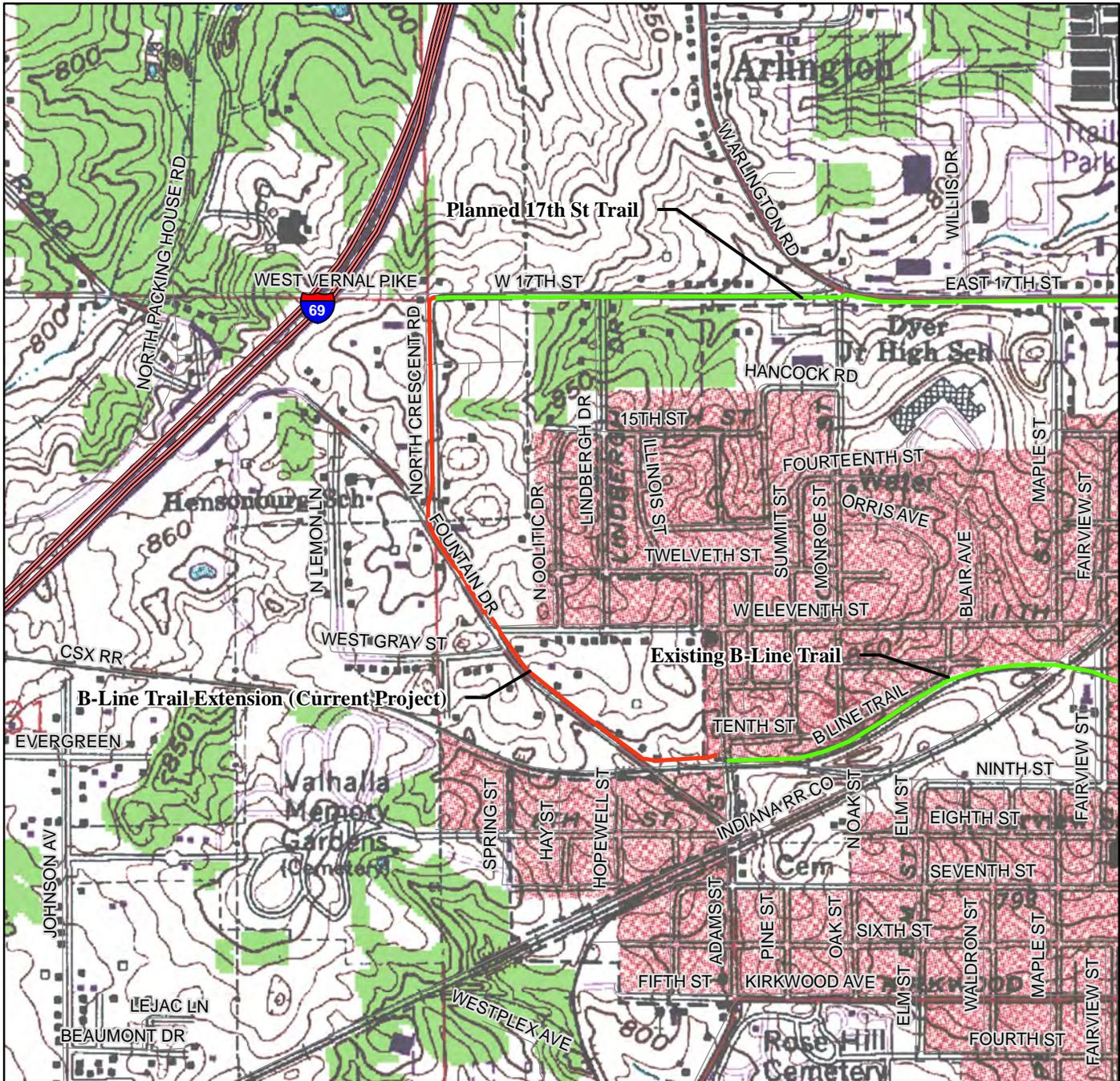


Figure 3 – Project Vicinity Aerial Photograph Map



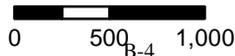
Sources: USGS 24K Topographic Map Bloomington, Indiana

8/6/2019 @ 8:49:01 AM

— Project Location



Feet

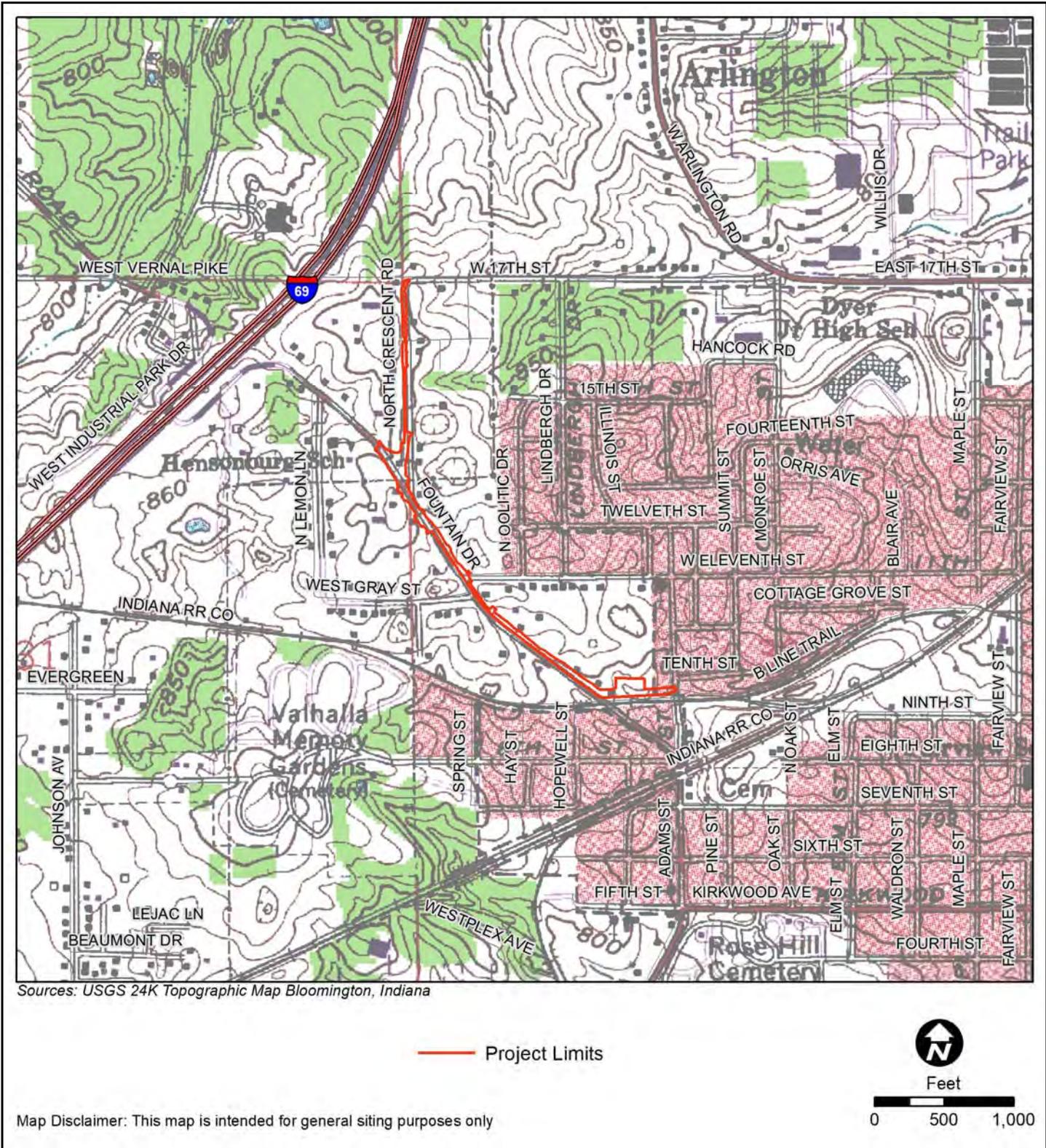


NOTE: This map was sent with Section 106 Early Coordination letters to initiate Section 106 consultation process.

Map Disclaimer: This map is intended for general siting purposes only

Des. No. 1700735

Appendix B: Graphics



Project Area Map

NOTE: This map was sent to consulting parties during Section 106 consultation to show the updated project limits.



Photo 1 – Looking west along CSX Railroad from Adams Street.



Photo 2 – Looking east along CSX Railroad from Fountain Drive.



Photo 3 – Looking northwest along Fountain Drive from the CSX Railroad intersection.



Photo 4 – Looking southeast along Fountain Drive from just east of the Gray Street intersection.



Photo 5 – Looking northwest along Fountain Drive from just east of the Gray Street intersection.



Photo 6 – Looking southeast along Fountain Drive from the Crescent Road intersection.



Photo 7 – Looking north along Crescent Road from the Fountain Drive intersection.



Photo 8 – Looking south along Crescent Road from near the 17th Street intersection.



Photo 9 – Looking east along 17th Street from the Crescent Road intersection.

PROJECT	DESIGNATION
1700735	1700735
CONTRACT	
R-40193	



INDIANA DEPARTMENT OF TRANSPORTATION

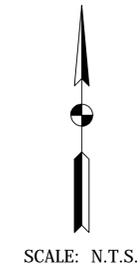
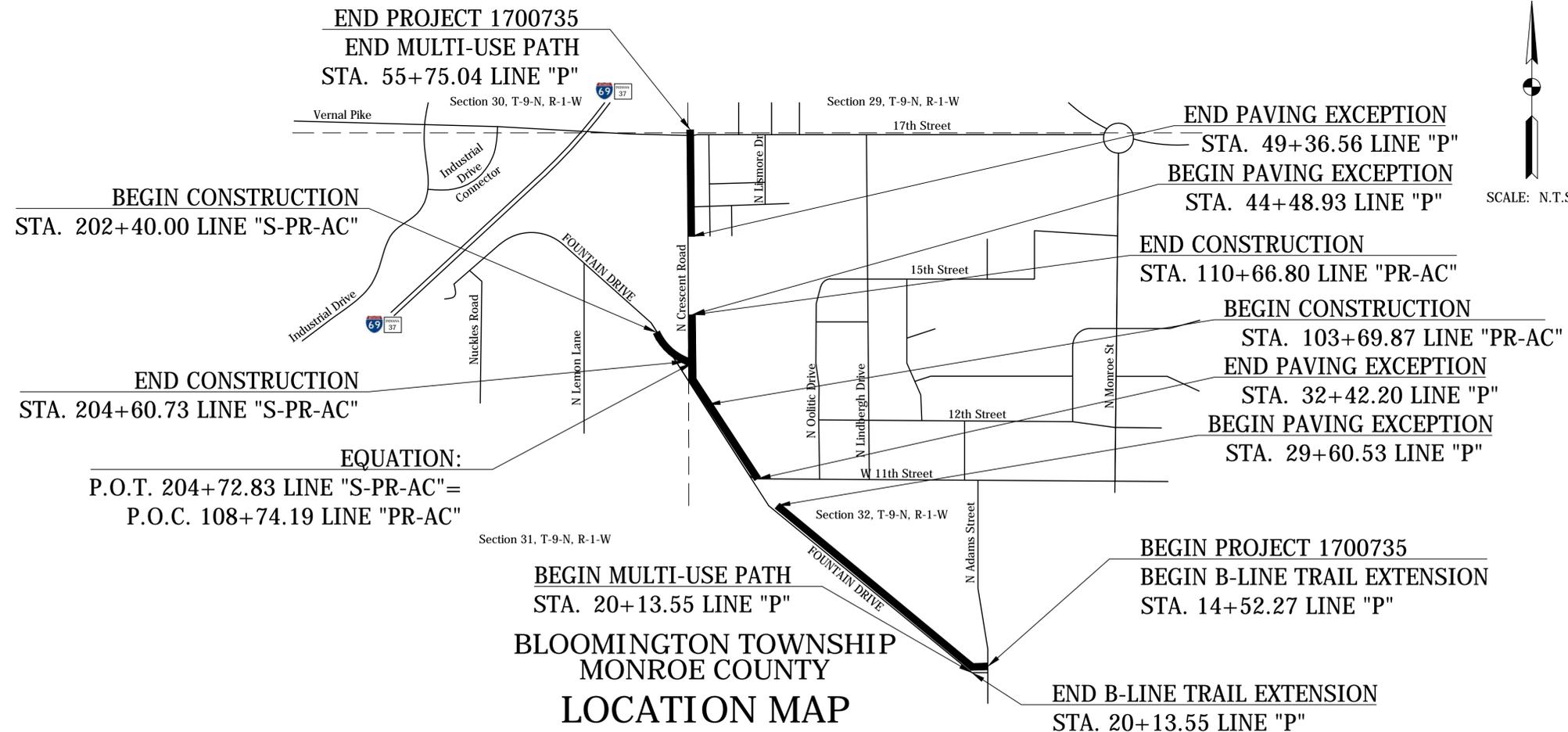
TRAIL PLANS B-LINE TRAIL EXTENSION & MULTI-USE PATH CITY OF BLOOMINGTON, INDIANA PROJECT NO. 1700735 P.E.

TRAFFIC DATA	FOUNTAIN DR. East of Crescent Rd.	FOUNTAIN DR. West of Crescent Rd.
A.A.D.T. (2018)	4,978 V.P.D.	552 V.P.D.
A.A.D.T. (2040)	6,196 V.P.D.	687 V.P.D.
D.H.V. (2040)	620 V.P.H.	69 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %	50 %
TRUCKS	1 % A.A.D.T. 1 % D.H.V.	1 % A.A.D.T. 1 % D.H.V.

DESIGN DATA	30 M.P.H.	30 M.P.H.
DESIGN SPEED	30 M.P.H.	30 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	COLLECTOR	LOCAL
RURAL/URBAN	URBAN	URBAN
TERRAIN	ROLLING	ROLLING
ACCESS CONTROL	NONE	NONE

TRAIL DESIGN DATA	
DESIGN SPEED	20 M.P.H.
PROJECT DESIGN CRITERIA	AASHTO: MULTI-USE TRAIL INDOT DESIGN MANUAL, CHAPTER 51
FUNCTIONAL CLASSIFICATION	RECREATIONAL ROAD
RURAL/URBAN	URBAN
TERRAIN	LEVEL
ACCESS CONTROL	NONE

Beginning at a point approximately 1961.46 feet east and 2991.63 feet south of the northwest corner of Section 32, Township 9 North, Range 1 West on the B-Line Trail east of Adams Street and running along the Indiana Railroad, Fountain Drive and Crescent Road in a northwesterly direction 4145.31 feet to a point approximately 43.46 feet east and 29.38 feet south of the northwest corner of Section 32, Township 9 North, Range 1 West being a part of Section 32, T-9-N, R-1-W, Bloomington Township, Monroe County, Indiana



LATITUDE: 39 10' 25" N	LONGITUDE: 86 33' 20" W
GROSS LENGTH: 0.83	MI.
NET LENGTH: 0.68	MI.
MAX. GRADE: 5.27	%

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
TO BE USED WITH THESE PLANS.

THE LATEST VERSION OF THE CITY OF
BLOOMINGTON UTILITY STANDARDS ARE TO
BE USED WITH THESE PLANS.

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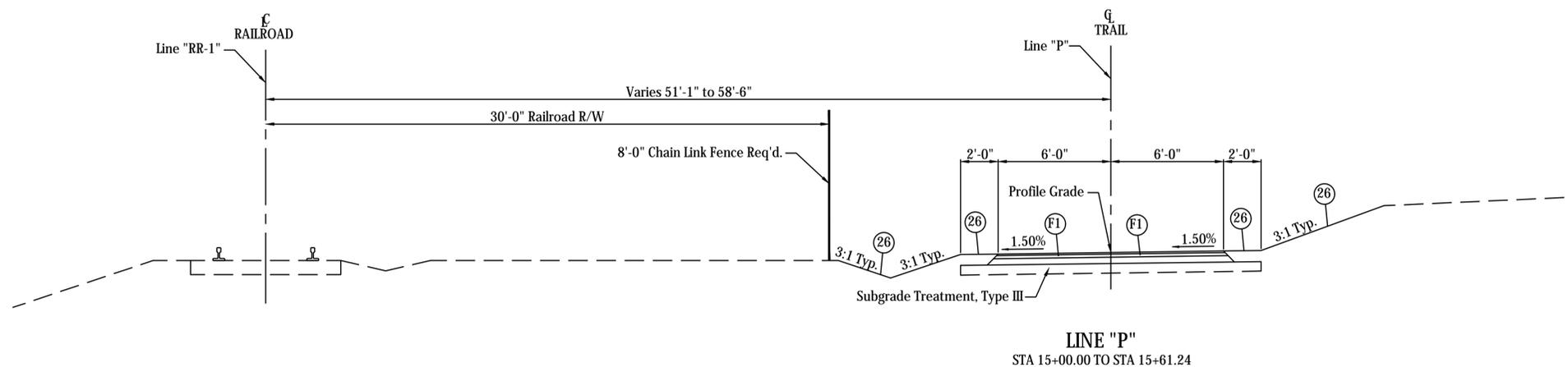
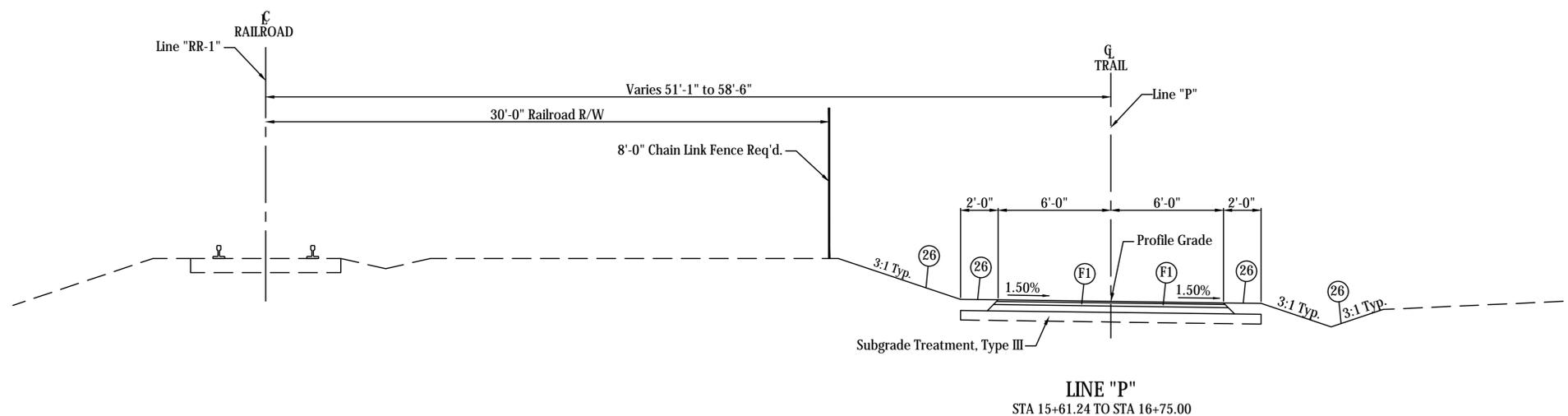
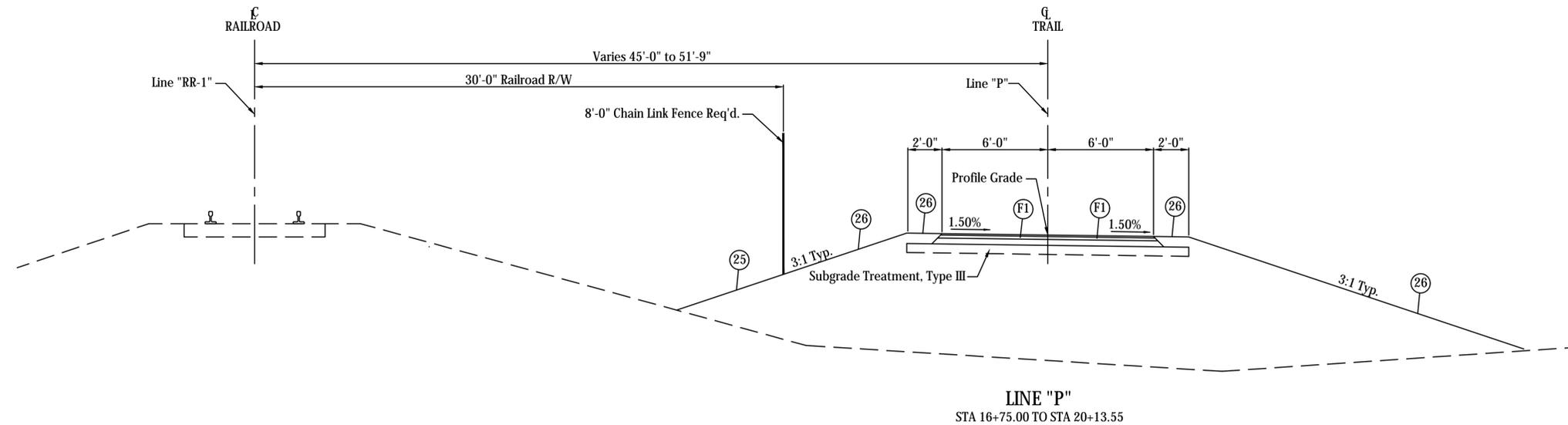


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CERTIFIED BY:	SSIG_DATES DATE
APPROVED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION	1700735
SHEETS	1 of 88
CONTRACT	R-40193
PROJECT	1700735

LEGEND

- (F1) HMA for Sidewalk:
140 #/SYS HMA Surface, Type B on
220 #/SYS HMA Intermediate, Type B on
6" Compacted Aggregate, No. 53, Base
- (25) Mulched Seeding U
- (26) Sodding, Nursery



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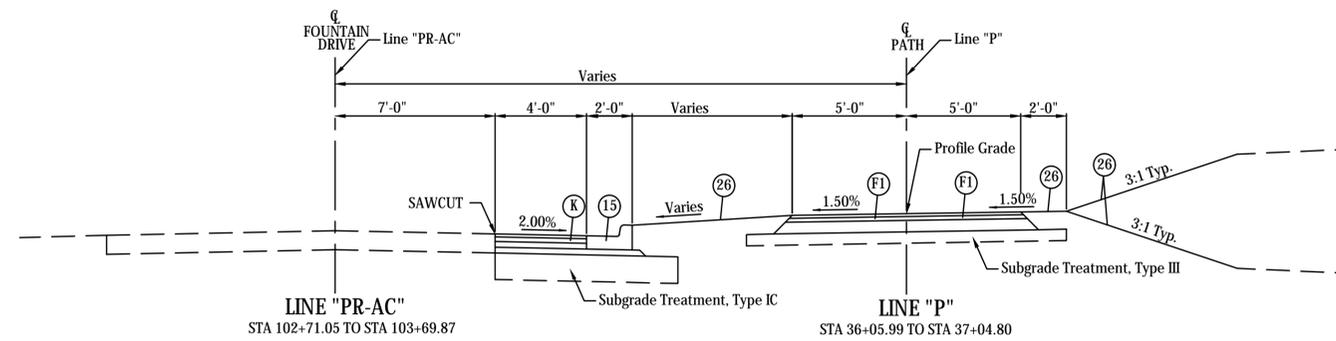
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

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LINE "P"

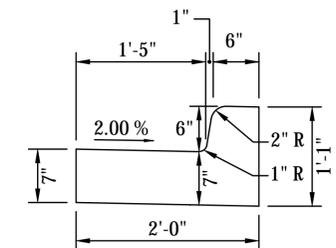
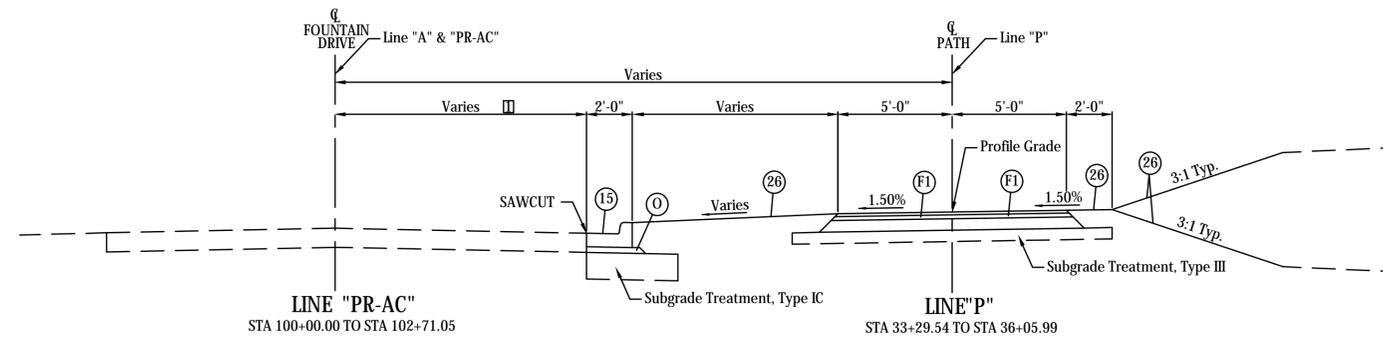
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1/4" = 1'-0"	1700735
SURVEY BOOK	SHEETS
N/A	3 of 88
CONTRACT	PROJECT
R-40193	1700735

LEGEND

- (F1) HMA for Sidewalk:
140 #/SYS HMA Surface, Type B on
220 #/SYS HMA Intermediate, Type B on
6" Compacted Aggregate, No. 53, Base
- (K) Full Depth HMA Pavement:
165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
275 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
3" Compacted Aggregate, No. 53, Base
- (O) 3" Compacted Aggregate, No. 53, Base
- (15) Combined Concrete Curb and Gutter, Modified
- (26) Sodding, Nursery

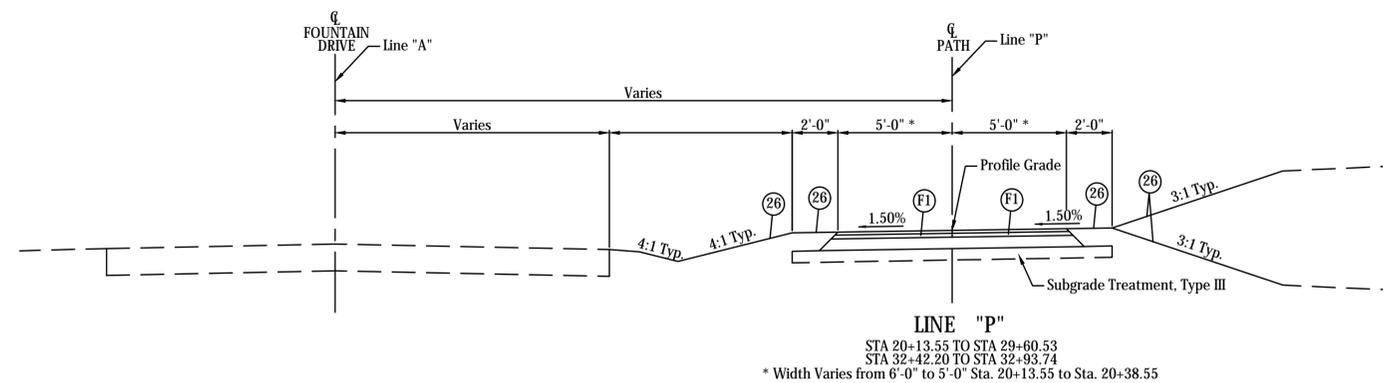


▣ Varies from 10.28' @ Sta. 100+91.89 to 11.00' @ Sta. 102.03.50
11.00' from Sta. 102.03.50 to Sta. 102+71.05



MODIFIED COMBINED CONCRETE CURB AND GUTTER

Scale: 1" = 1'-0"



* Width Varies from 6'-0" to 5'-0" Sta. 20+13.55 to Sta. 20+38.55

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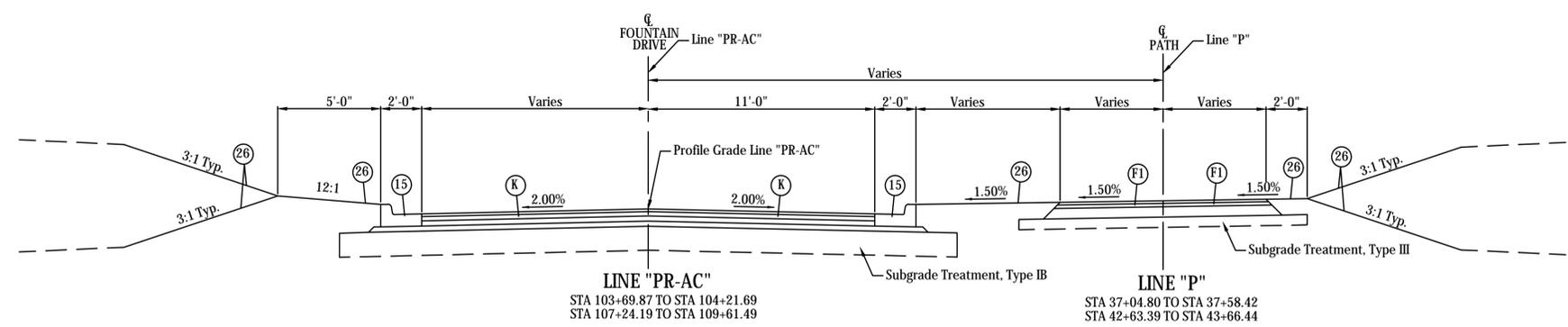
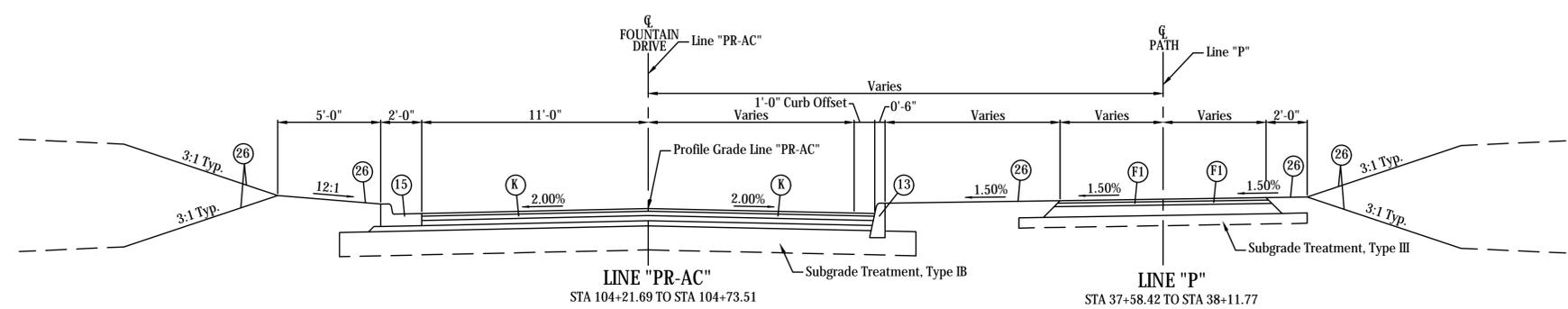
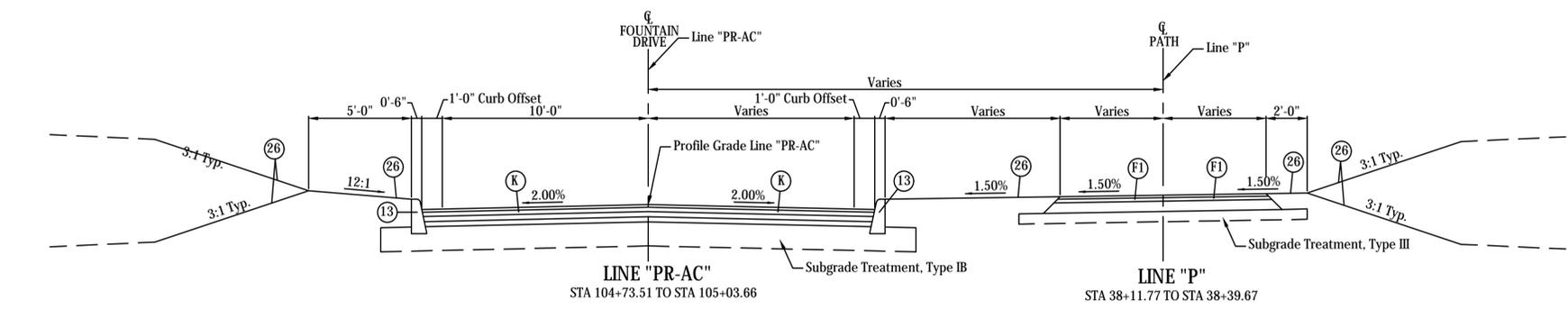
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

TYPICAL CROSS SECTIONS
LINE "P" & LINE "PR-AC"

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VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1700735
SURVEY BOOK	SHEETS
N/A	4 of 88
CONTRACT	PROJECT
R-40193	1700735

LEGEND

- (F) Concrete Sidewalk, 4 in.
- (F1) HMA for Sidewalk:
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220 #/SYS HMA Intermediate, Type B on
6" Compacted Aggregate, No. 53, Base
- (K) Full Depth HMA Pavement:
165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
275 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
3" Compacted Aggregate, No. 53, Base
- (13) Concrete Curb
- (15) Combined Concrete Curb and Gutter, Modified
- (26) Sodding, Nursery



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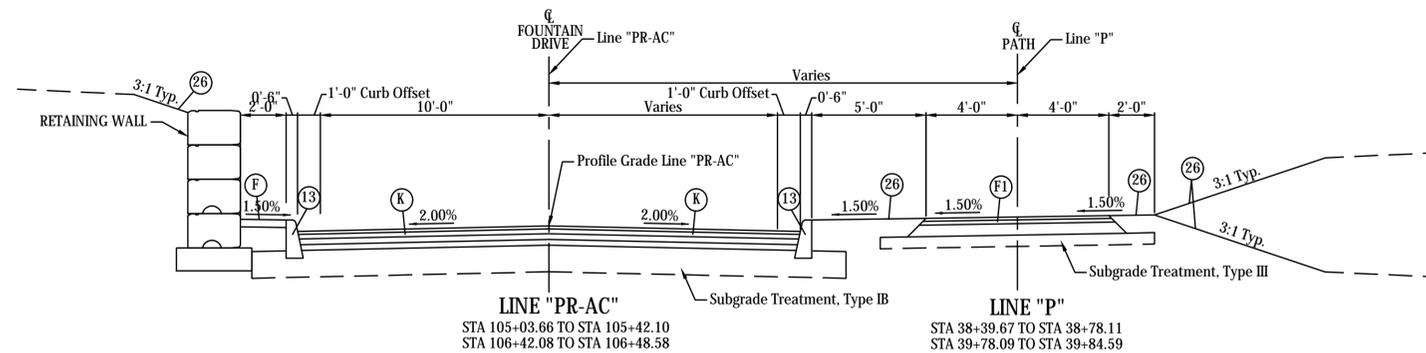
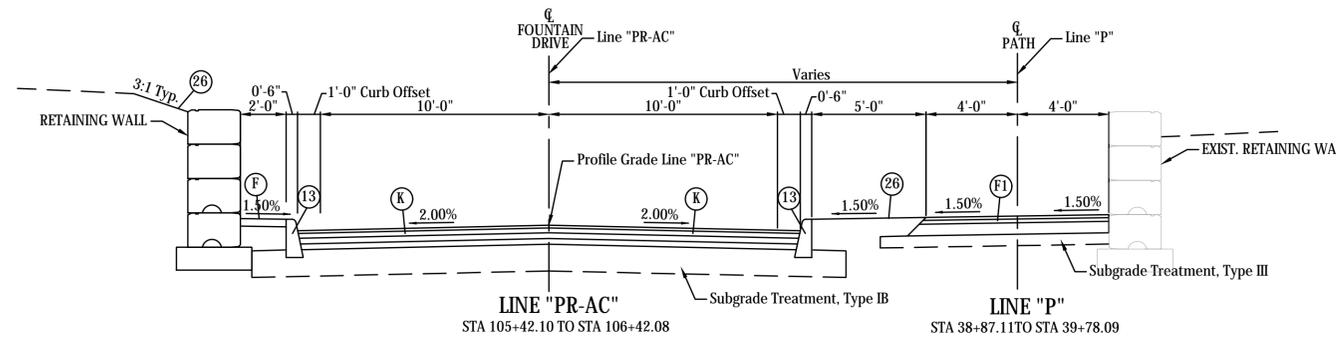
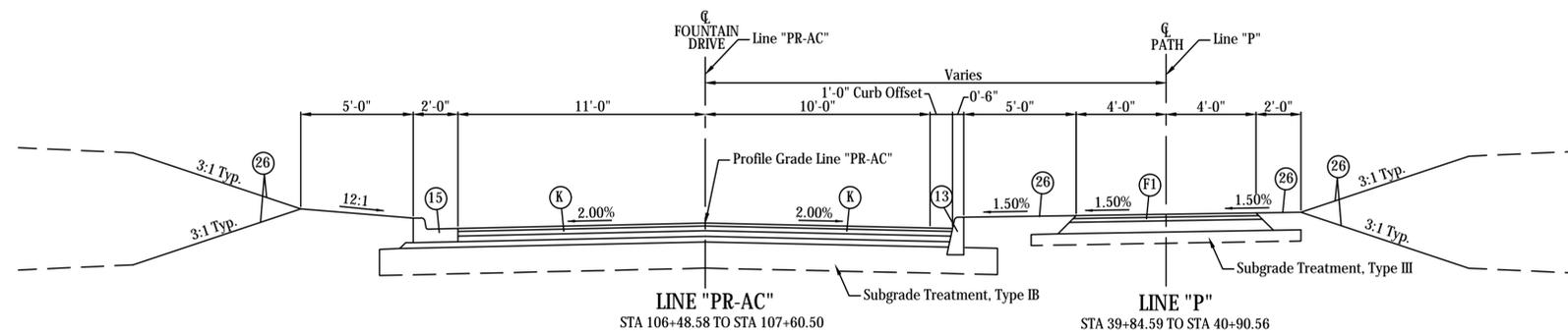
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CITY OF BLOOMINGTON B-LINE TRAIL EXTENSION & MULTI-USE PATH	
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SURVEY BOOK N/A	SHEETS 5 of 88
CONTRACT R-40193	PROJECT 1700735

LEGEND

- (F) Concrete Sidewalk, 4 in.
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220 #/SYS HMA Intermediate, Type B on
6" Compacted Aggregate, No. 53, Base
- (K) Full Depth HMA Pavement:
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275 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
3" Compacted Aggregate, No. 53, Base
- (13) Concrete Curb
- (15) Combined Concrete Curb and Gutter, Modified
- (26) Sodding, Nursery



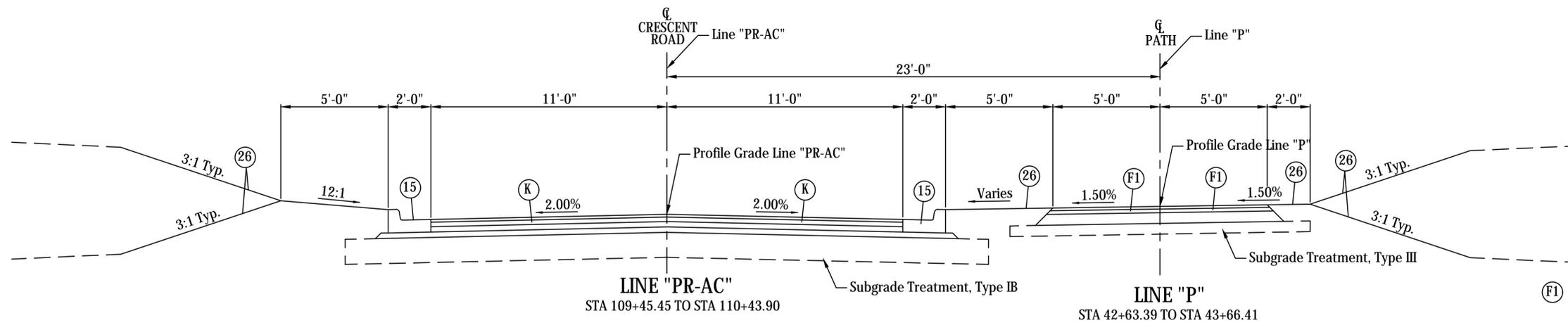
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CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

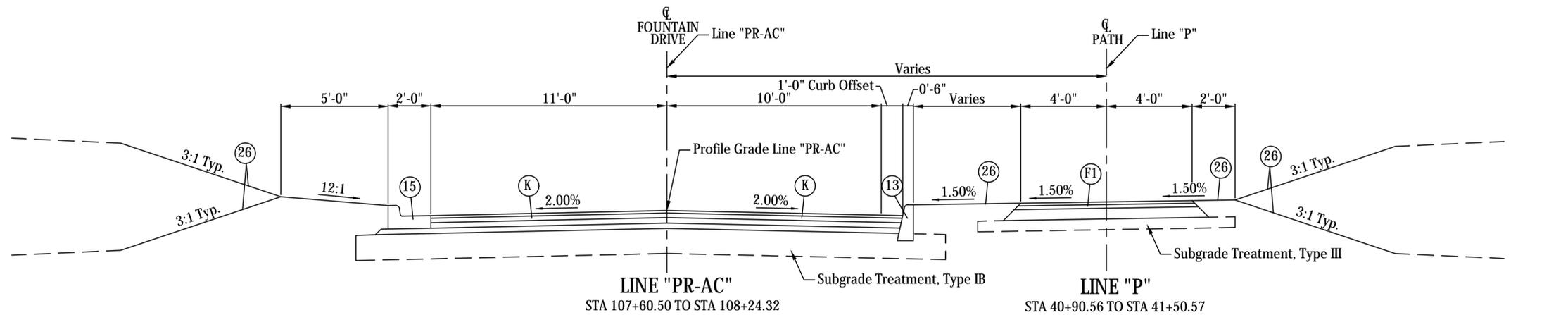
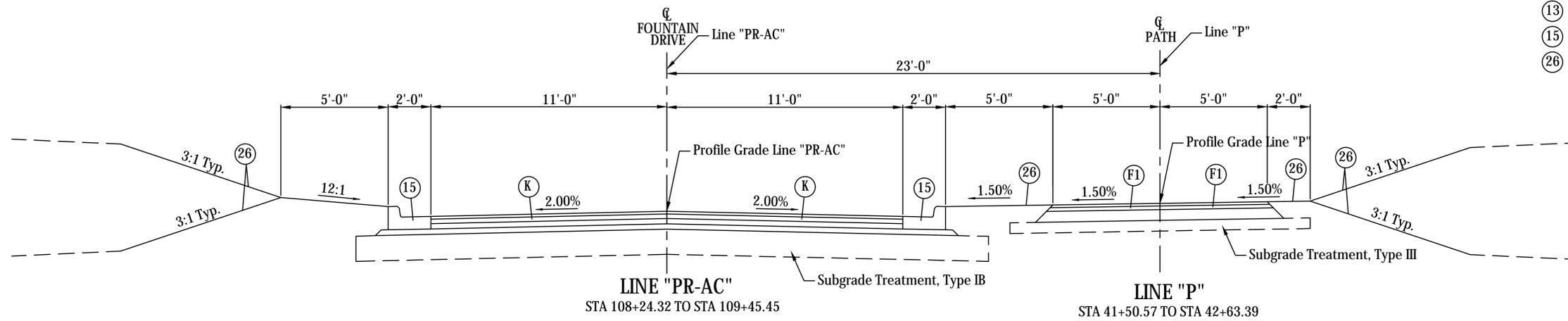
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SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-40193	1700735

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- LEGEND**
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 - (K) Full Depth HMA Pavement:
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275 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
3" Compacted Aggregate, No. 53, Base
 - (13) Concrete Curb
 - (15) Combined Concrete Curb and Gutter, Modified
 - (26) Sodding, Nursery



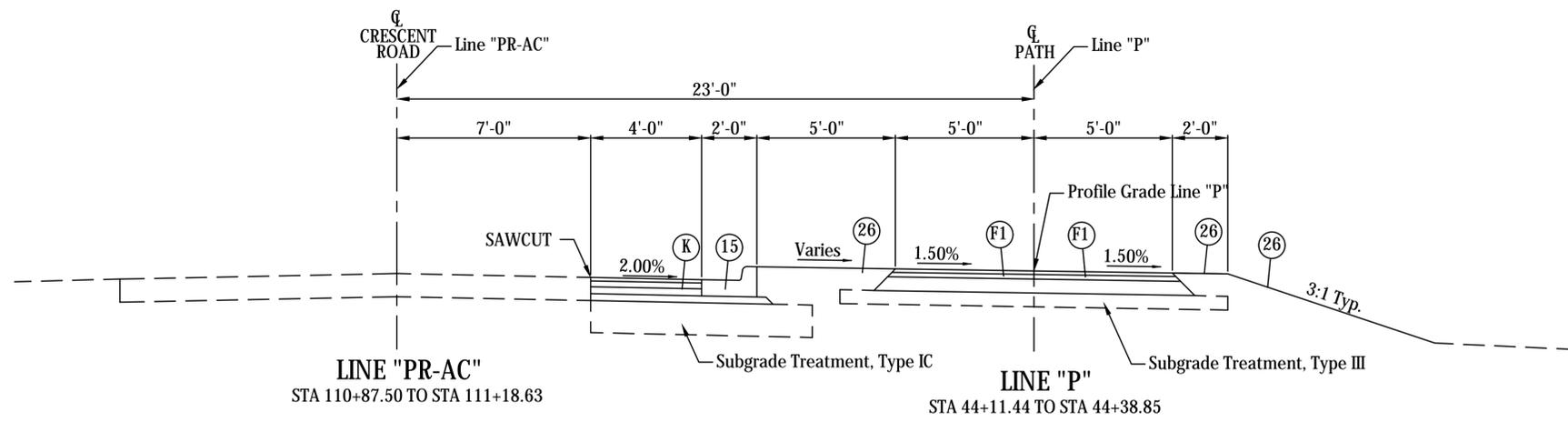
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CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

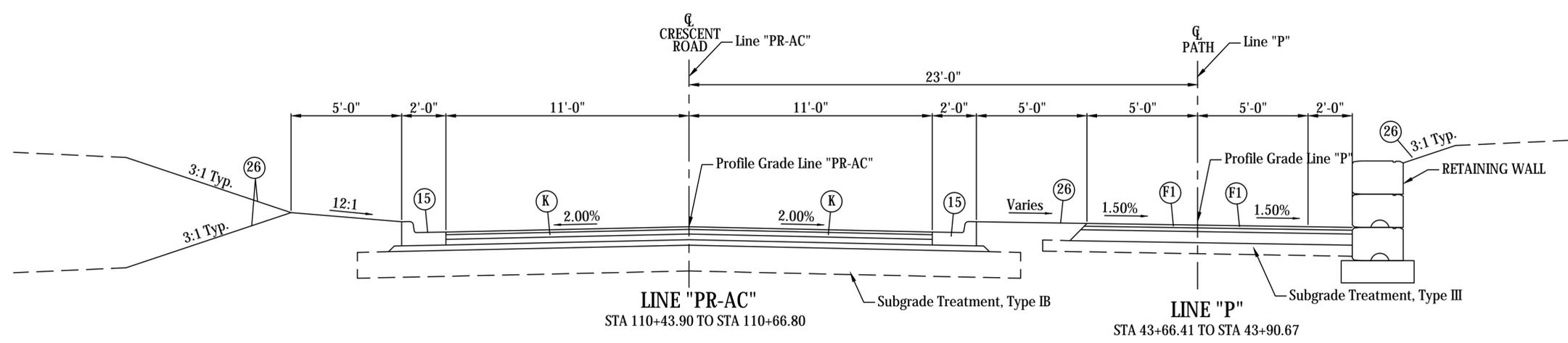
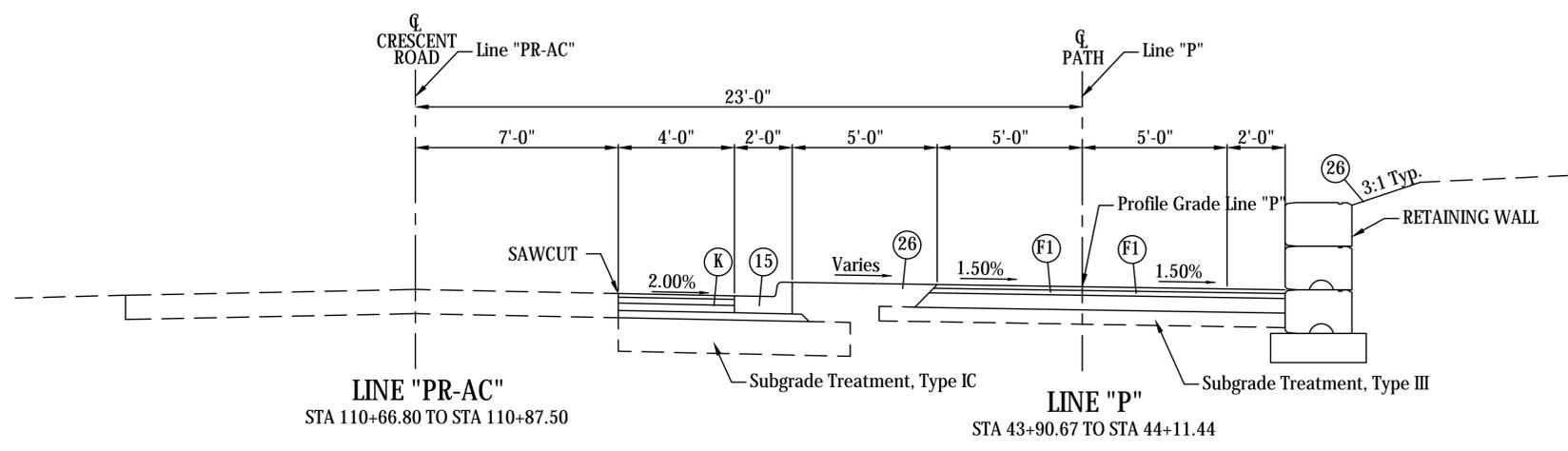
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LINE "P" & LINE "PR-AC"

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VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1700735
SURVEY BOOK	SHEETS
N/A	7 of 88
CONTRACT	PROJECT
R-40193	1700735

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- LEGEND**
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220 #/SYS HMA Intermediate, Type B on
6" Compacted Aggregate, No. 53, Base
 - (K) Full Depth HMA Pavement:
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275 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
3" Compacted Aggregate, No. 53, Base
 - (15) Combined Concrete Curb and Gutter, Modified
 - (26) Sodding, Nursery



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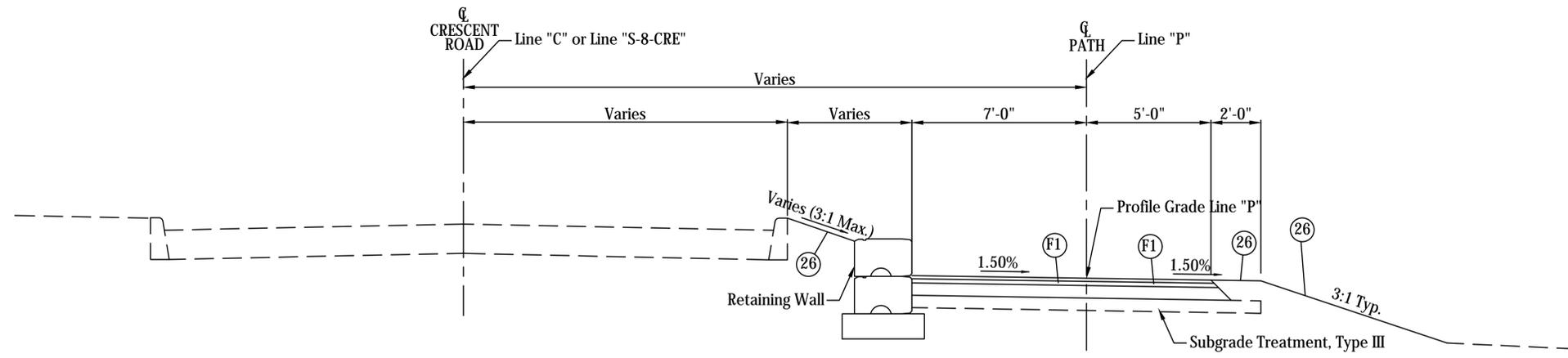
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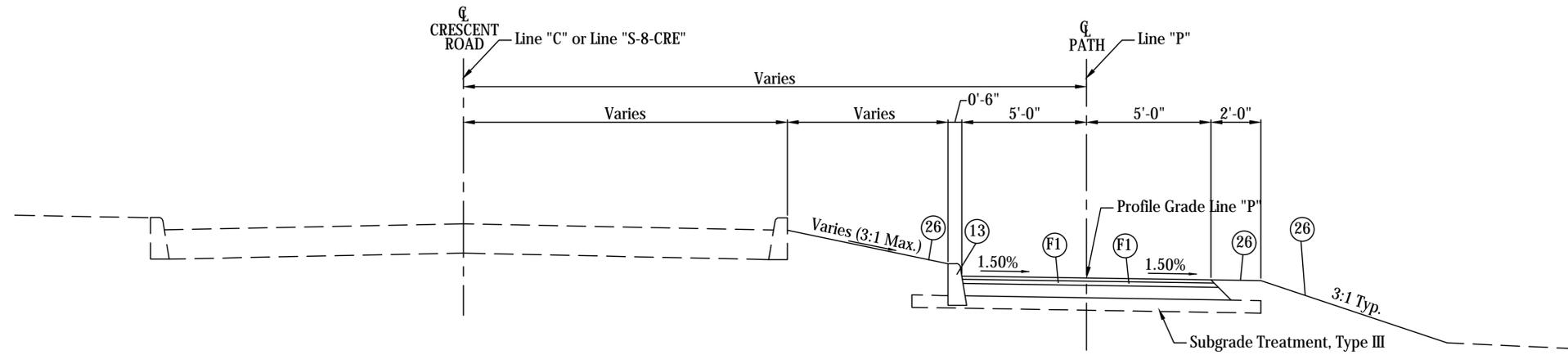
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION

TYPICAL CROSS SECTIONS
LINE "P" & LINE "PR-AC"

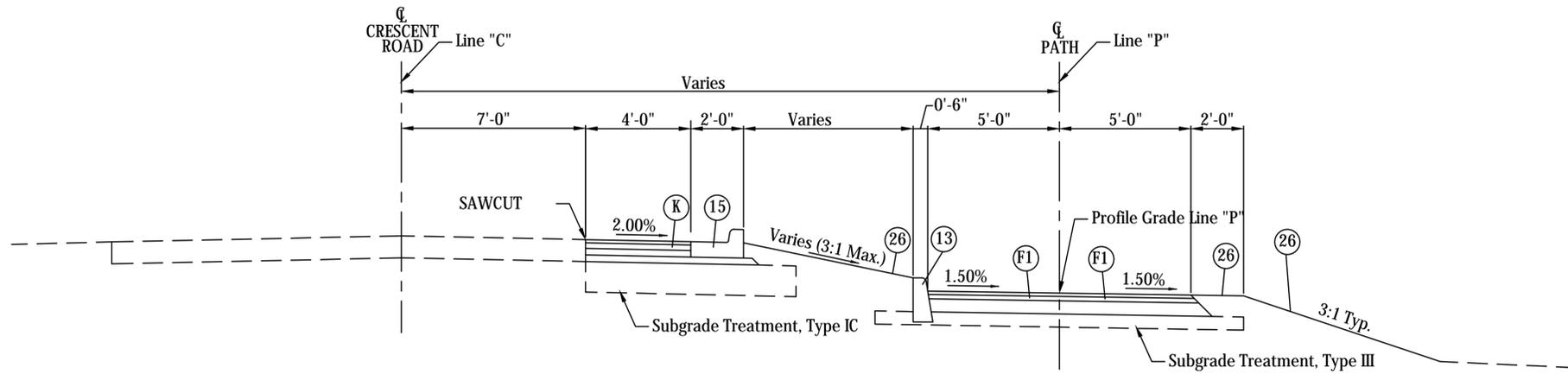
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VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1700735
SURVEY BOOK	SHEETS
N/A	8 of 88
CONTRACT	PROJECT
R-40193	1700735



LINE "P"
STA 52+70.00 TO STA 53+80.00



LINE "P"
STA 51+48.87 TO STA 52+70.00
STA 53+80.00 TO STA 55+75.04



LINE "C"
STA 47+85.91 TO STA 49+79.78

LINE "P"
STA 49+36.56 TO STA 51+23.57

- LEGEND**
- (F1) HMA for Sidewalk:
140 #/SYS HMA Surface, Type B on
220 #/SYS HMA Intermediate, Type B on
6" Compacted Aggregate, No. 53, Base
 - (K) Full Depth HMA Pavement:
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275 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
3" Compacted Aggregate, No. 53, Base
 - (13) Concrete Curb
 - (15) Combined Concrete Curb and Gutter, Modified
 - (26) Sodding, Nursery

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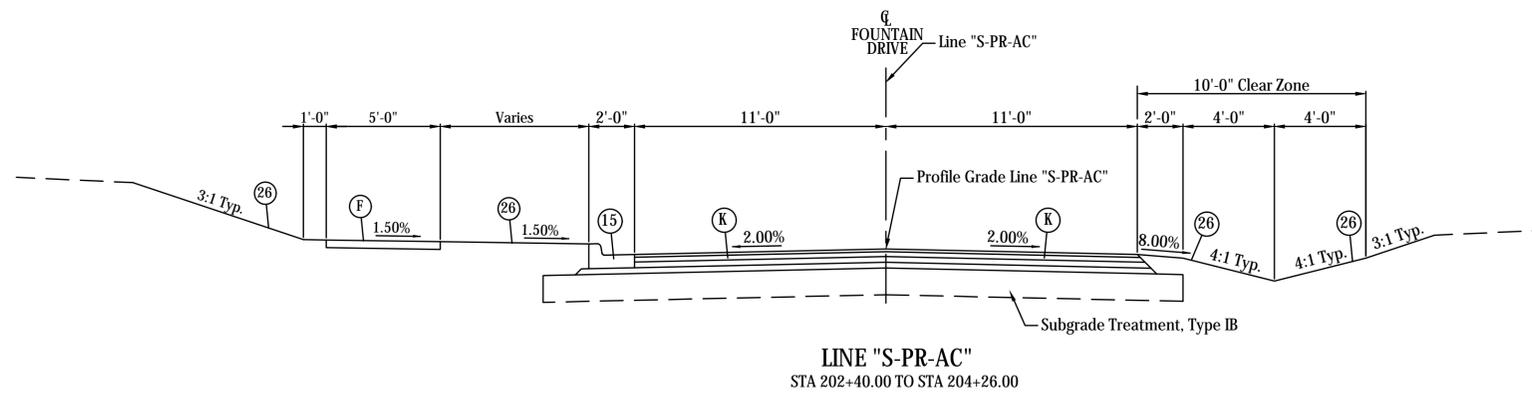
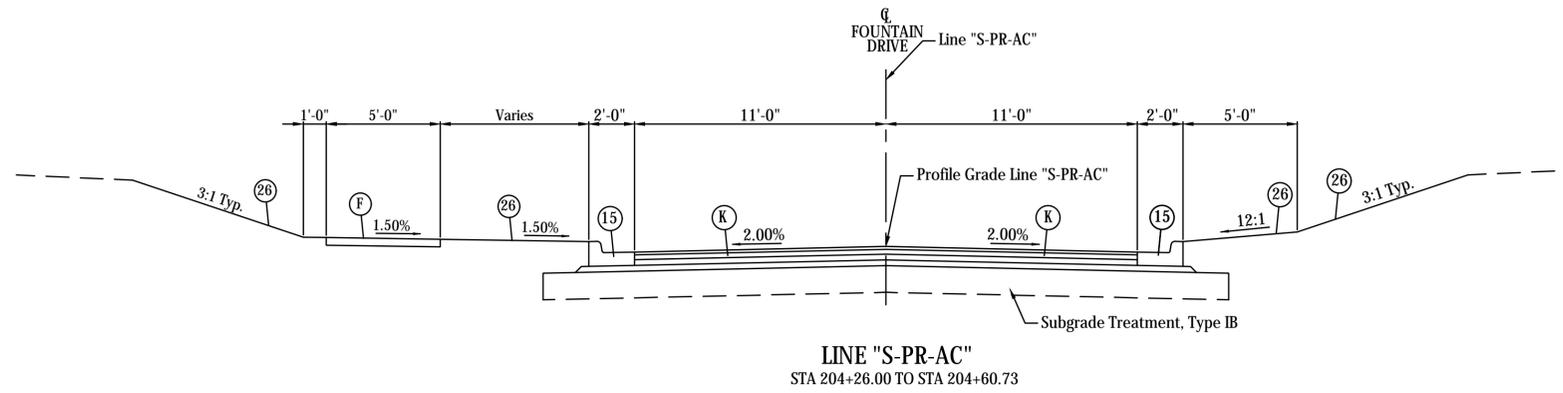
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DESIGNED: BSF _____	DRAWN: BSF _____	
CHECKED: LAR _____	CHECKED: LAR _____	

CITY OF BLOOMINGTON B-LINE TRAIL EXTENSION & MULTI-USE PATH	
TYPICAL CROSS SECTIONS LINE "P" & LINE "C"	

HORIZONTAL SCALE 1/4" = 1'-0"	BRIDGE FILE N/A
VERTICAL SCALE 1/4" = 1'-0"	DESIGNATION 1700735
SURVEY BOOK N/A	SHEETS 9 of 88
CONTRACT R-40193	PROJECT 1700735

LEGEND

- (F) Concrete Sidewalk, 4 in.
- (K) Full Depth HMA Pavement:
165 #/SYS QC/QA HMA, 2, 64, Surface 9.5mm on
275 #/SYS QC/QA HMA, 2, 64, Intermediate 19.0mm on
330 #/SYS QC/QA HMA, 2, 64, Base 25.0mm on
3" Compacted Aggregate, No. 53, Base
- (15) Combined Concrete Curb and Gutter, Modified
- (26) Sodding, Nursery



PLOTED: Monday, May 11, 2020 4:36:36 PM

FILE: INMUN1716_TYPSECT_08.DWG

RECOMMENDED FOR APPROVAL _____	
DESIGNED: <u>BSF</u>	DRAWN: <u>BSF</u>
CHECKED: <u>LAR</u>	CHECKED: <u>LAR</u>

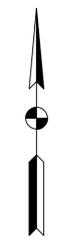
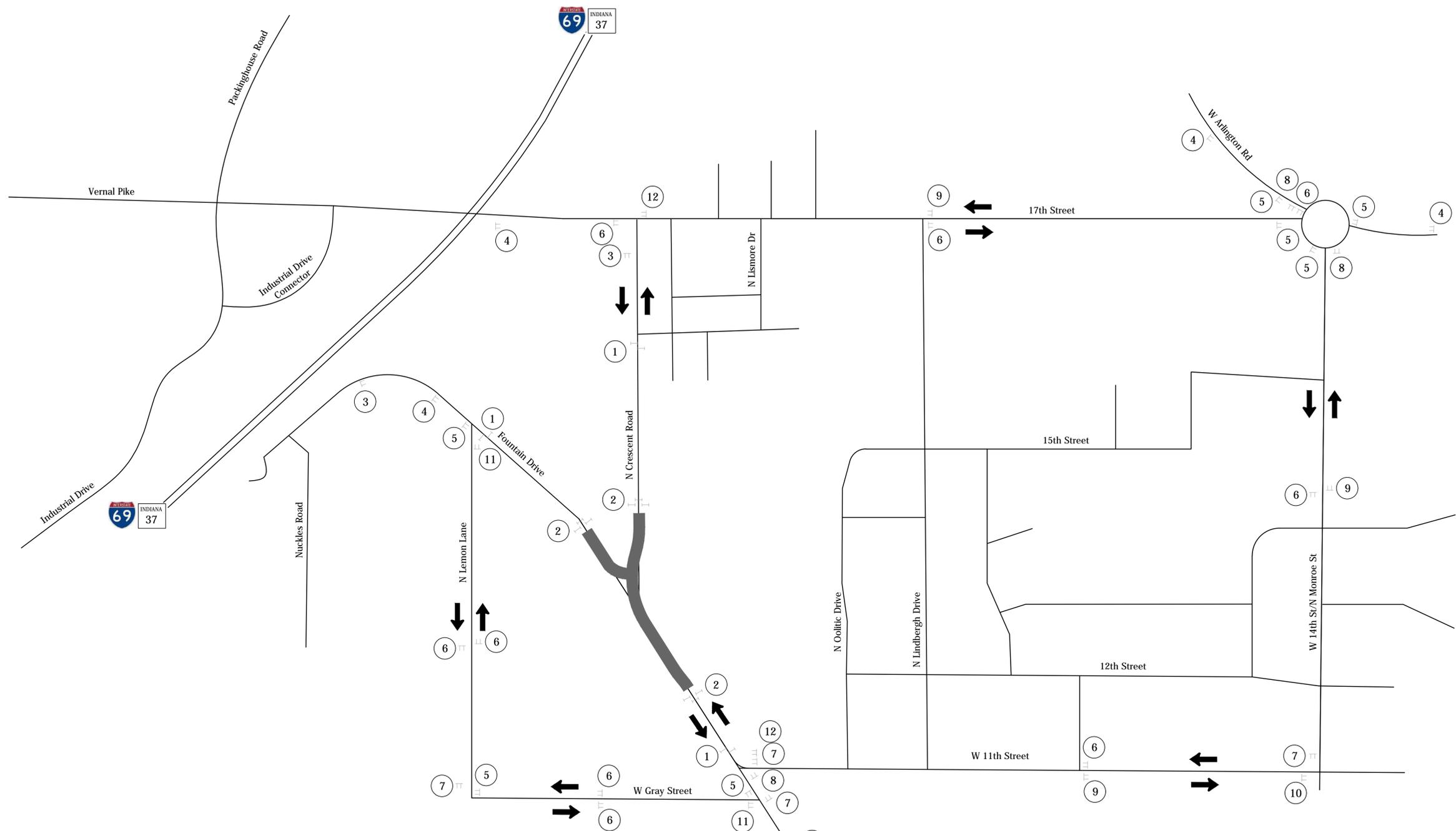
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

TYPICAL CROSS SECTIONS
LINE "S-PR-AC"

HORIZONTAL SCALE 1/4" = 1'-0"	BRIDGE FILE N/A
VERTICAL SCALE 1/4" = 1'-0"	DESIGNATION 1700735
SURVEY BOOK N/A	SHEETS 10 of 88
CONTRACT R-40193	PROJECT 1700735

PLOTTED: Friday, October 25, 2019 2:17:02 PM

FILE: SHT_DETLOUR.DWG



- LEGEND**
- Work Zone
 - Type III Barricade
 - Temporary Sign

- NOTES**
1. Distances shown are typical except minimum distances may be varied based on field conditions.
 2. See Standard Drawing E801-TCLG-01 for Standard Notes.
 3. Maintain Access to Existing Driveways.

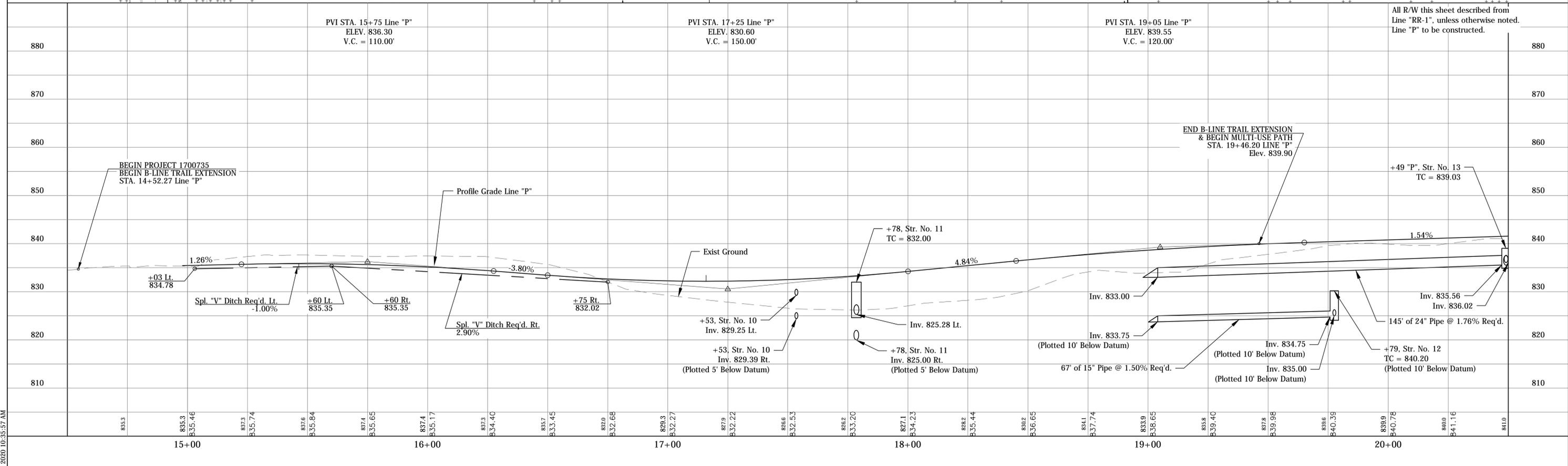
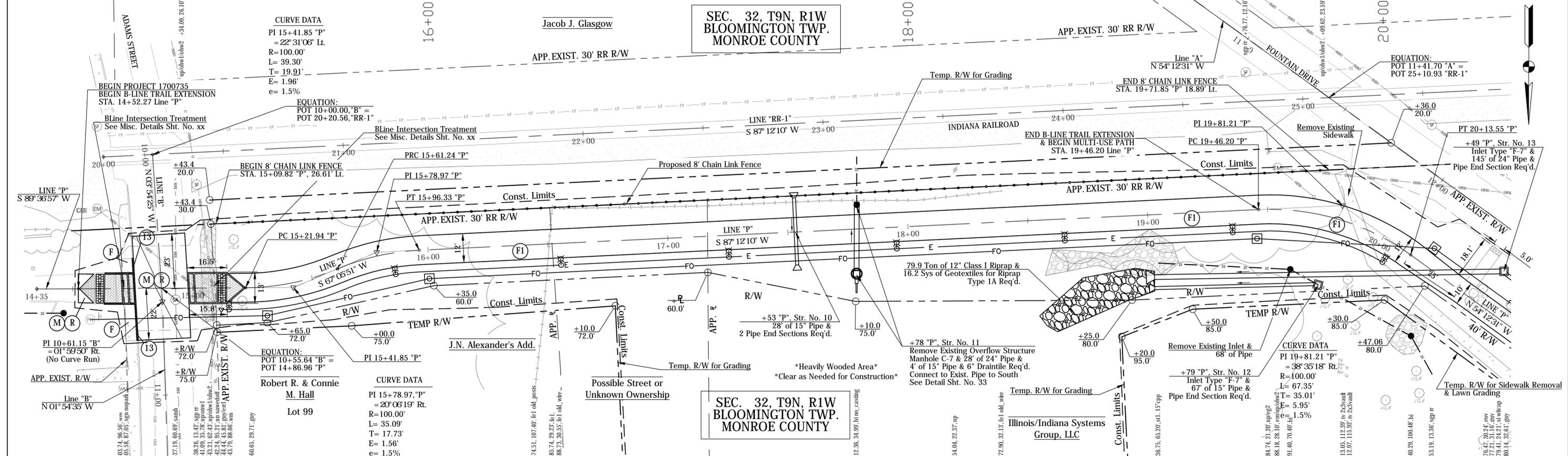
1	2	3	4	5	6	7	8	9	10	11	12
ROAD CLOSED LOCAL TRAFFIC ONLY R11-4 60"x30"	ROAD CLOSED R11-2 48"x30"	ROAD CLOSED AHEAD W20-3 36"x36"	DETOUR AHEAD W20-2 36"x36"	DETOUR M4-8 24"x12"							
Fountain Drive SPECIAL BLK/WHT 24"x24"	Fountain Drive SPECIAL BLK/WHT 24"x24"	Fountain Drive SPECIAL BLK/WHT 24"x24"	Crescent Road SPECIAL BLK/WHT 24"x24"								
M6-1(R) 21"x15"	M6-3 21"x15"	M6-1(L) 21"x15"	M6-1(R) 21"x15"	M6-3 21"x15"	M6-1(L) 21"x15"	M6-1(R) 21"x15"	M6-3 21"x15"	M6-1(L) 21"x15"	M6-1(L) 21"x15"	M6-1(L) 21"x15"	M6-1(L) 21"x15"
Fountain Drive SPECIAL BLK/WHT 24"x24"	Fountain Drive SPECIAL BLK/WHT 24"x24"	Fountain Drive SPECIAL BLK/WHT 24"x24"	Crescent Road SPECIAL BLK/WHT 24"x24"								

RECOMMENDED FOR APPROVAL _____	
DESIGNED: BSF	DRAWN: BSF
CHECKED: LAR	CHECKED: LAR

CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION

MAINTENANCE OF TRAFFIC
FOUNTAIN DR./CRESCENT ROAD DETOUR

HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	N/A
VERTICAL SCALE	DESIGNATION
N.T.S.	1700735
SURVEY BOOK	SHEETS
N/A	16 of 88
CONTRACT	PROJECT
R-40193	1700735



- (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base
- (FI) HMA for Sidewalk: See Typical Section
- (M) Milling, Asphalt, 1 1/2 in.
- (R) 165 #/syd HMA Surface, Type B, 64, 9.5 mm
- (13) Concrete Curb
- (15) Combined Concrete Curb and Gutter, Modified
- (L) Light Fixture and Base
- (△) Electric Service Point
- E— Underground Electric in 2" Conduit

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD		
CHECKED: BSF	CHECKED: LAR		

CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 14+35 TO STA. 20+00 "P"

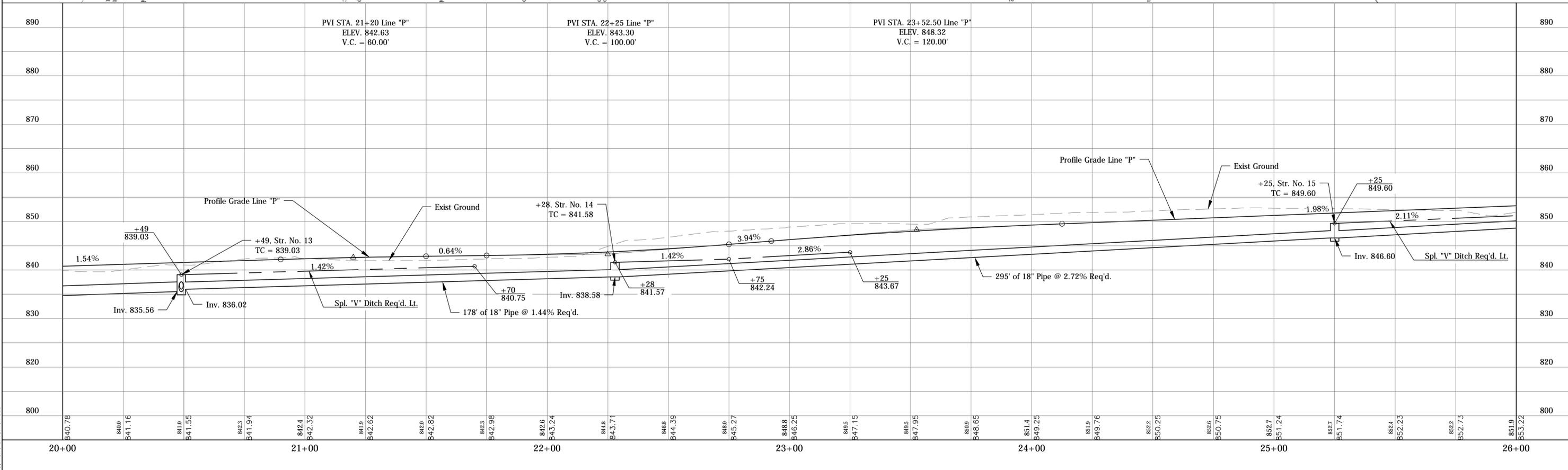
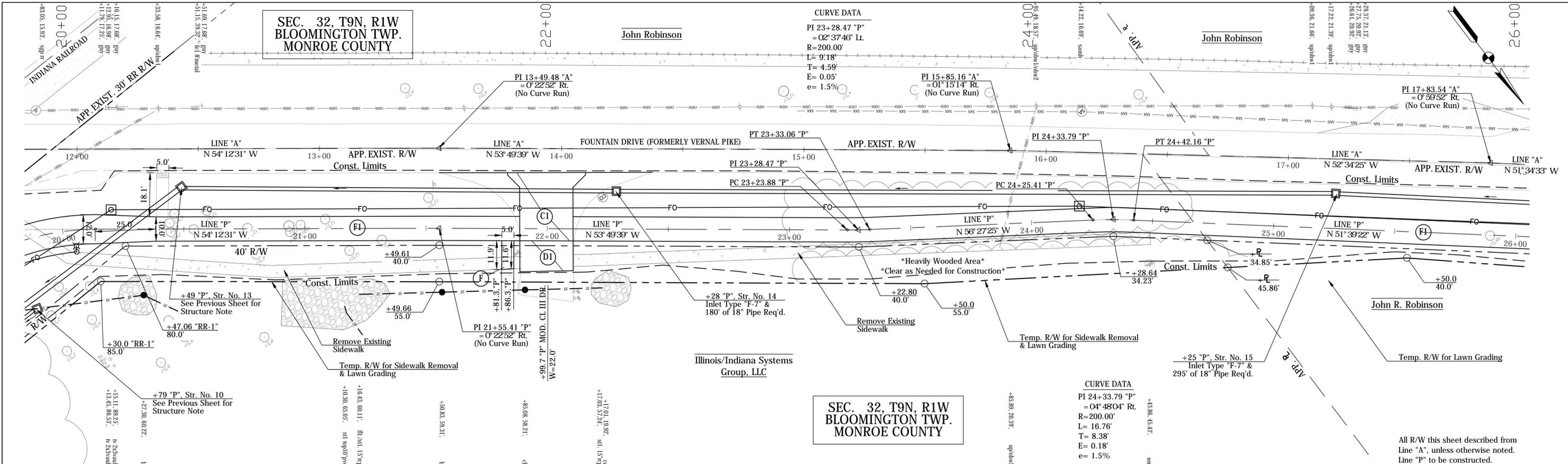
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VERTICAL SCALE 1" = 5'	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 17 of 88
CONTRACT N/A	PROJECT N/A

PLOTTED: Thursday, May 14, 2020 10:35:57 AM

FILE: INMUN1716_RD_PP01.DWG

Appendix B: Graphics

B-21



(C1) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II	(F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base	(15) Combined Concrete Curb and Gutter, Modified
(D1) 1320 #/syd HMA for Approaches, Type B 165 #/syd HMA Surface, Type B on 275 #/syd HMA Intermediate, Type B on 880 #/syd HMA Base, Type B on Subgrade Treatment, Type II	(F1) HMA for Sidewalk: See Typical Section	(26) Sodding, Nursery
	(K) Full Depth HMA Pavement: See Typical Section	
	(O) 3 In. Compacted Aggregate, No. 53, Base	

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

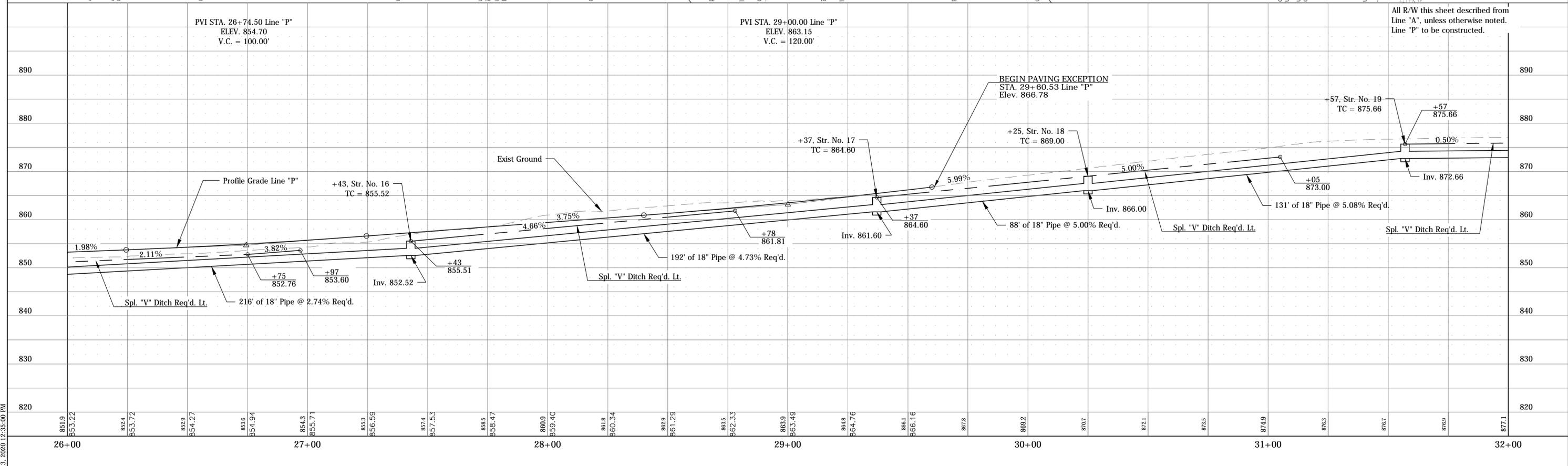
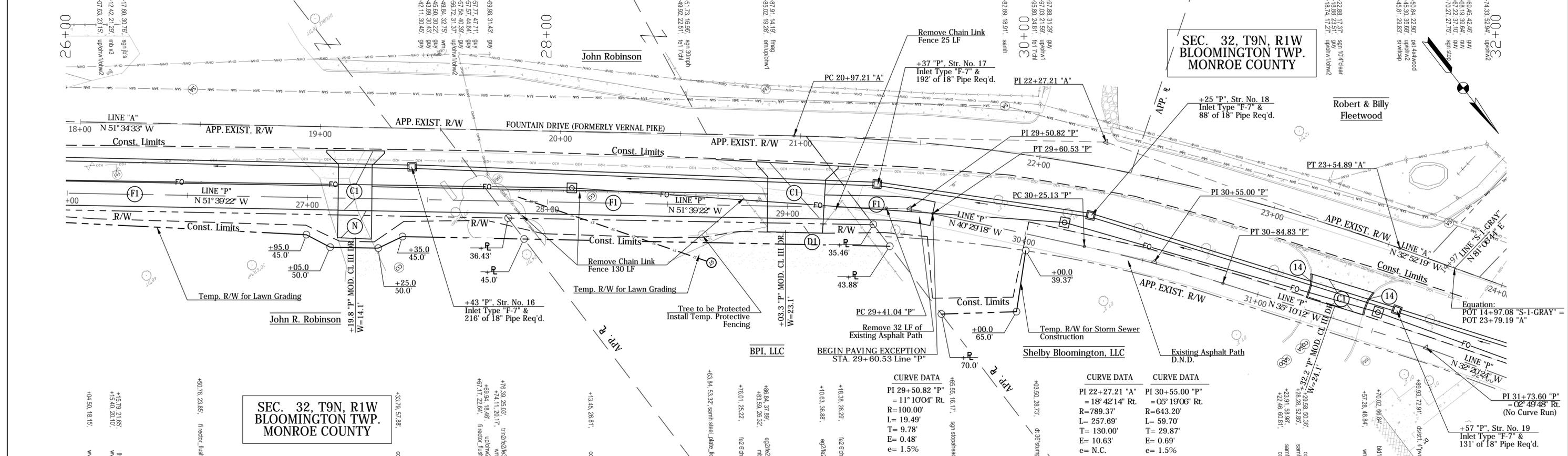
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 20+00 TO STA. 26+00 "P"

SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	18 of 88
CONTRACT	PROJECT
N/A	N/A

PLOTTED: Wednesday, May 13, 2020 12:32:02 PM

FILE: INMUN1716_RD_PP02.DWG



- (C) PCCP for Approaches, 6 In. on Subgrade Treatment, Type II
- (CI) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II
- (D) 550 #/syd HMA for Approaches, Type B 165 #/syd HMA Surface, Type B on 385 #/syd HMA Intermediate, Type B on Subgrade Treatment, Type II
- (DI) 1320 #/syd HMA for Approaches, Type B 165 #/syd HMA Surface, Type B on 275 #/syd HMA Intermediate, Type B on 880 #/syd HMA Base, Type B on Subgrade Treatment, Type II
- (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base
- (F1) HMA for Sidewalk: See Typical Section
- (K) Full Depth HMA Pavement: See Typical Section
- (N) 6" Compacted Aggregate for Surface, No. 73
- (14) Integral Concrete Curb
- (15) Combined Concrete Curb and Gutter, Modified

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

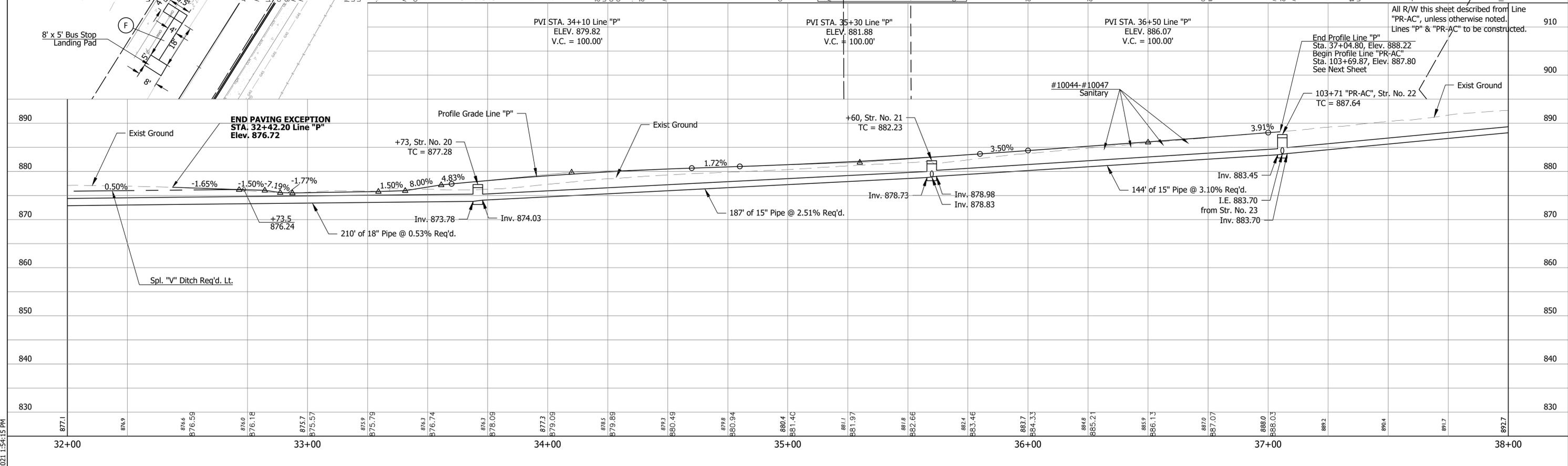
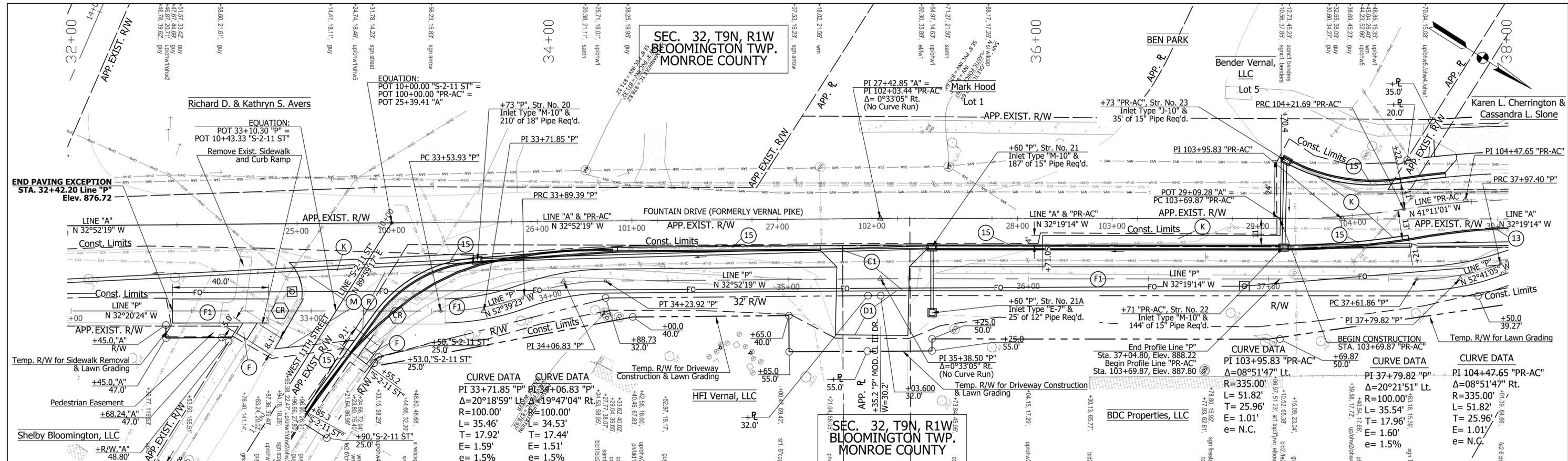
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 26+00 TO STA. 32+00 "P"

SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	19 of 88
CONTRACT	PROJECT
N/A	N/A

PLOTTED: Wednesday, May 13, 2020 12:35:00 PM

FILE: INMUN1716_RD_PP03.DWG



- (C1) PCCP for Approaches, 9 In. on Subgrade Treatment, Type II
- (D1) 1320 #/syd HMA for Approaches, Type B
- 165 #/syd HMA Surface, Type B on 275 #/syd HMA Intermediate, Type B on 880 #/syd HMA Base, Type B on Subgrade Treatment, Type II
- (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base II
- (F1) HMA for Sidewalk: See Typical Section
- (K) Full Depth HMA Pavement: See Typical Section
- (CR) Concrete Curb Ramp
- (M) Milling, Asphalt, 1 1/2 in.
- (R) 165 #/SY QC/QA-HMA, 2, 64, Surface 9.5 mm
- (13) Concrete Curb
- (15) Combined Concrete Curb and Gutter, Modified

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

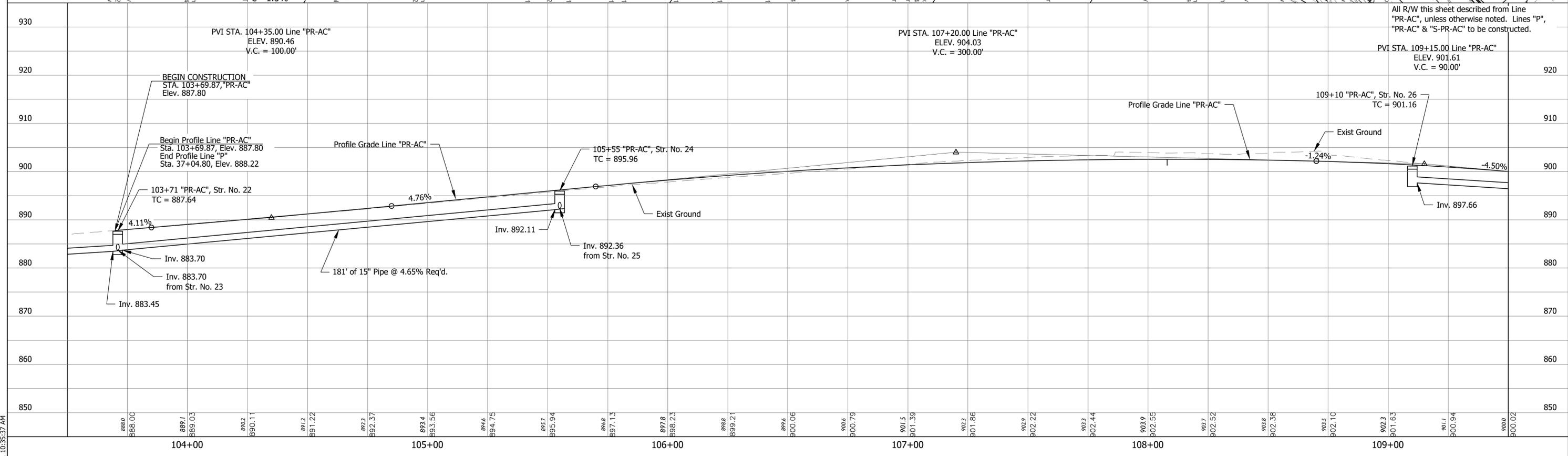
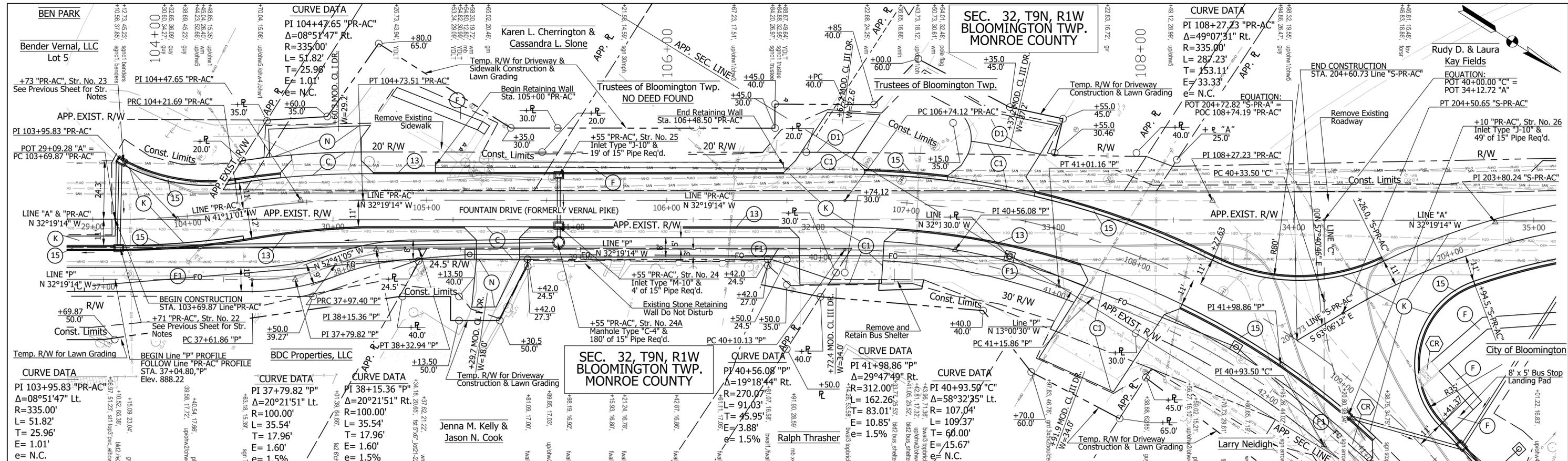
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 32+00 TO STA. 38+00 "P"

SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	XX of
CONTRACT	PROJECT
N/A	N/A

PLOTTED: Tuesday, April 6, 2021 1:54:15 PM

FILE: INMUN1716_RD_PP04.DWG



- (C) PCCP for Approaches, 6 in. on Subgrade Treatment, Type II
- (C1) PCCP for Approaches, 9 in. on Subgrade Treatment, Type II
- (D1) 1320 #/syd HMA for Approaches, Type B
165 #/syd HMA Surface, Type B on 275 #/syd HMA Intermediate, Type B on 880 #/syd HMA Base, Type B on Subgrade Treatment, Type II
- (F) Concrete Sidewalk, 4 in. on 4 in. Compacted Aggregate, No. 53, Base HMA for Sidewalk: See Typical Section
- (K) Full Depth HMA Pavement: See Typical Section
- (N) 6" Compacted Aggregate for Surface, No. 73
- (CR) Concrete Curb Ramp
- (13) Concrete Curb
- (15) Combined Concrete Curb and Gutter, Modified

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

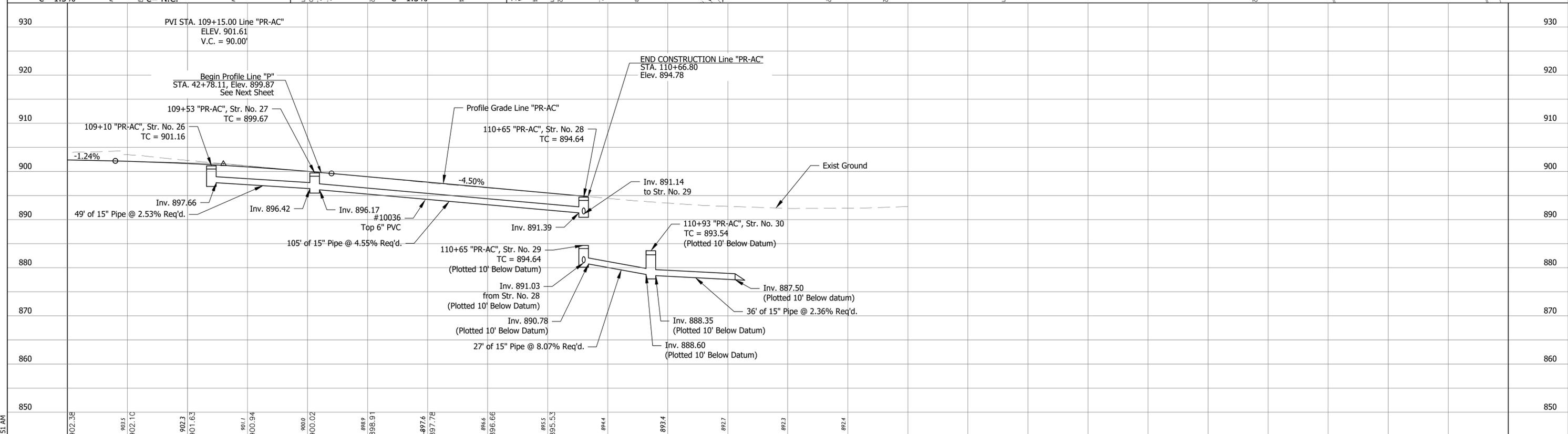
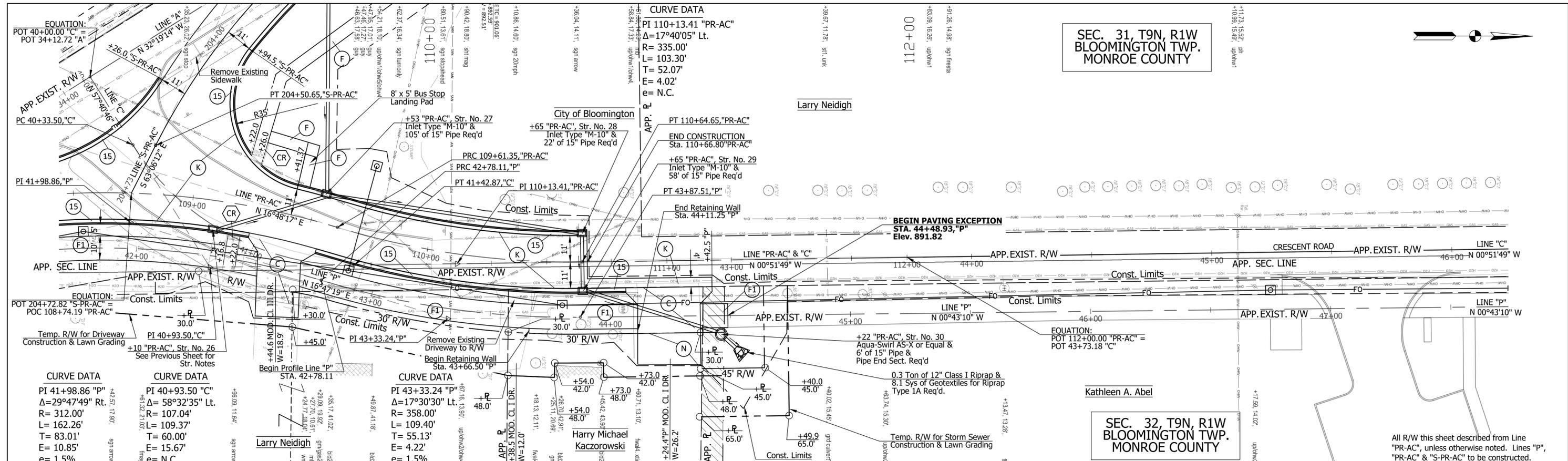
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 103+50 TO STA. 109+50 "PR-AC"

SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
N/A	XX of
CONTRACT	PROJECT
N/A	N/A

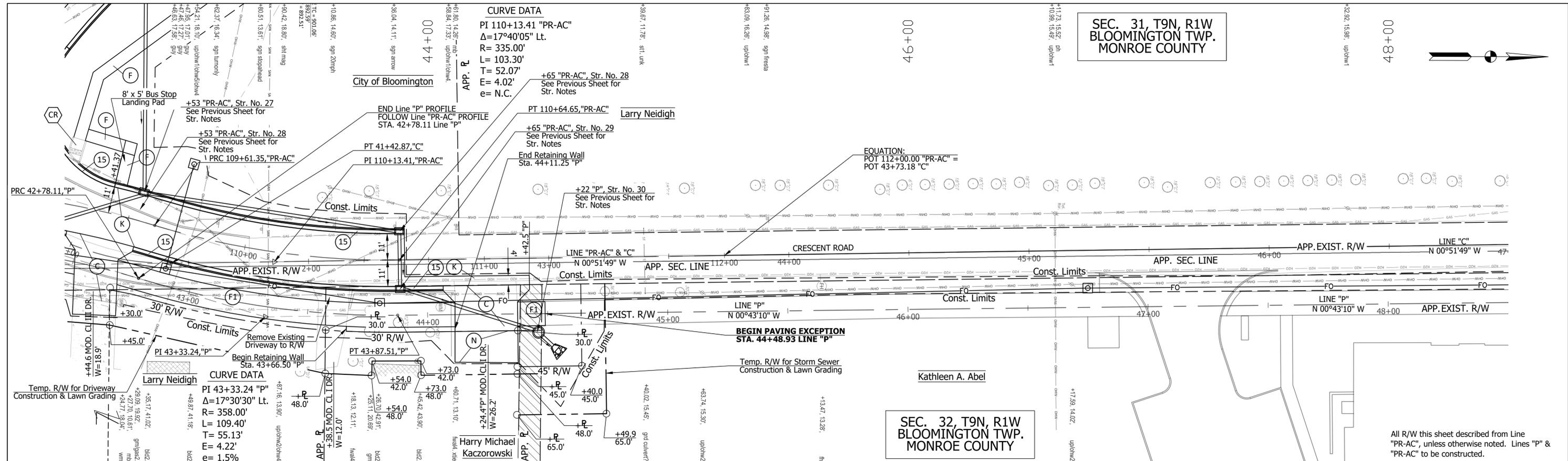
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FILE: INMUN1716_RD_PP05.DWG



(C) PCCP for Approaches, 6 In. on Subgrade Treatment, Type II (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base (F1) HMA for Sidewalk: See Typical Section (K) Full Depth HMA Pavement: See Typical Section	(N) 6" Compacted Aggregate for Surface, No. 73 (CR) Concrete Curb Ramp (15) Combined Concrete Curb and Gutter, Modified (30) Transverse Markings, Thermoplastic, Crosswalk Line, 24 in.	(45) 24 in. White Stop Line, Preformed Plastic (47) 4 in. Solid Yellow Thermoplastic Line	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	CITY OF BLOOMINGTON B-LINE TRAIL EXTENSION & MULTI-USE PATH PLAN & PROFILE STA. 108+50 TO STA. 112+00 "PR-AC"	SCALE 1" = 20' VERTICAL SCALE 1" = 5'	BRIDGE FILE N/A DESIGNATION N/A
			DESIGNED: BSF DRAWN: PRD CHECKED: BSF CHECKED: LAR		SURVEY BOOK N/A CONTRACT N/A	SHEETS XX of PROJECT N/A

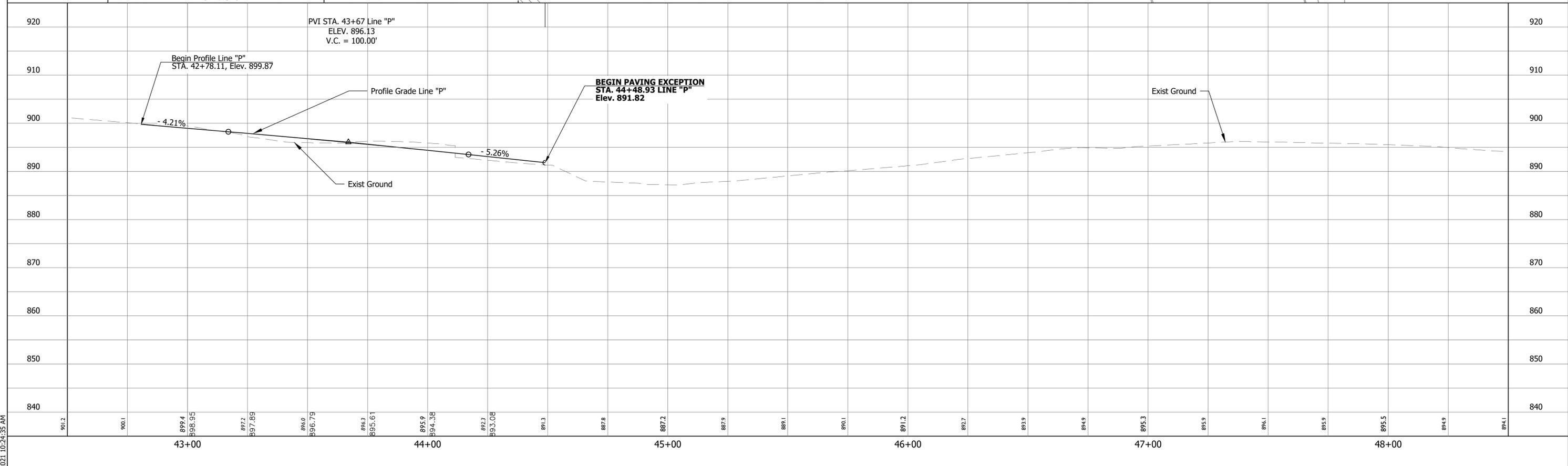
PLOTTED: Tuesday, April 6, 2021 10:31:51 AM
 FILE: INMUN1716_RD_PP06.DWG



SEC. 31, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY

SEC. 32, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY

All R/W this sheet described from Line "PR-AC", unless otherwise noted. Lines "P" & "PR-AC" to be constructed.



- (C) PCCP for Approaches, 6 In. on Subgrade Treatment, Type II
- (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base
- (F1) HMA for Sidewalk: See Typical Section
- (K) Full Depth HMA Pavement: See Typical Section
- (N) 6" Compacted Aggregate for Surface, No. 73
- (CR) Concrete Curb Ramp
- (15) Combined Concrete Curb and Gutter, Modified
- (30) Transverse Markings, Thermoplastic, Crosswalk Line, 24 in.
- (45) 24 in. White Stop Line, Preformed Plastic
- (47) 4 in. Solid Yellow Thermoplastic Line

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: BSF	DRAWN: PRD		
CHECKED: BSF	CHECKED: LAR		

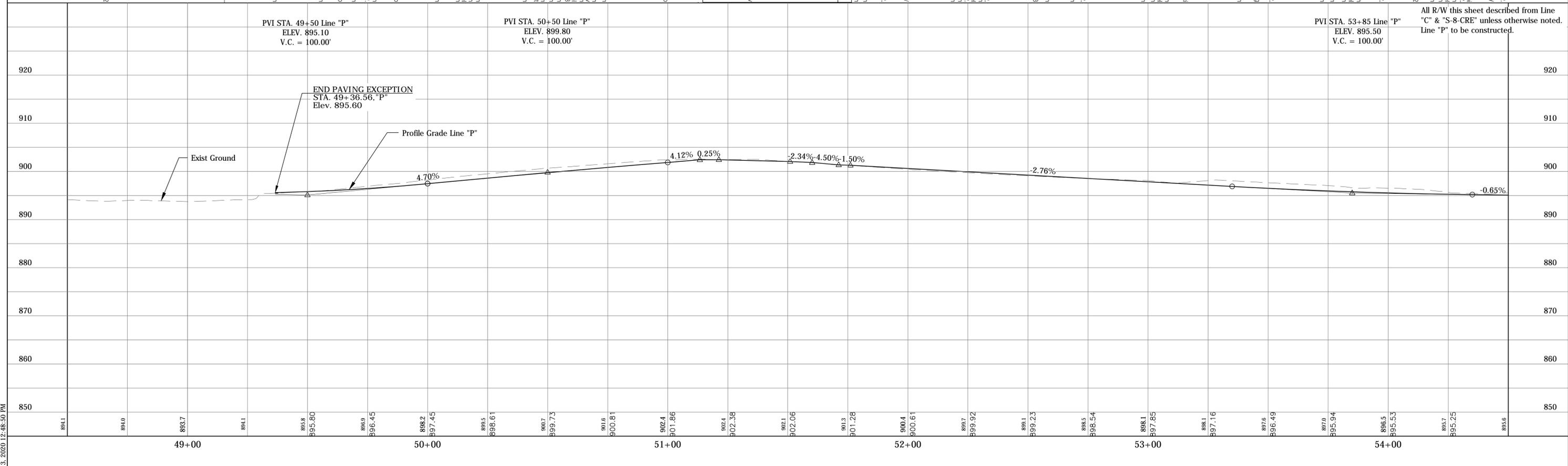
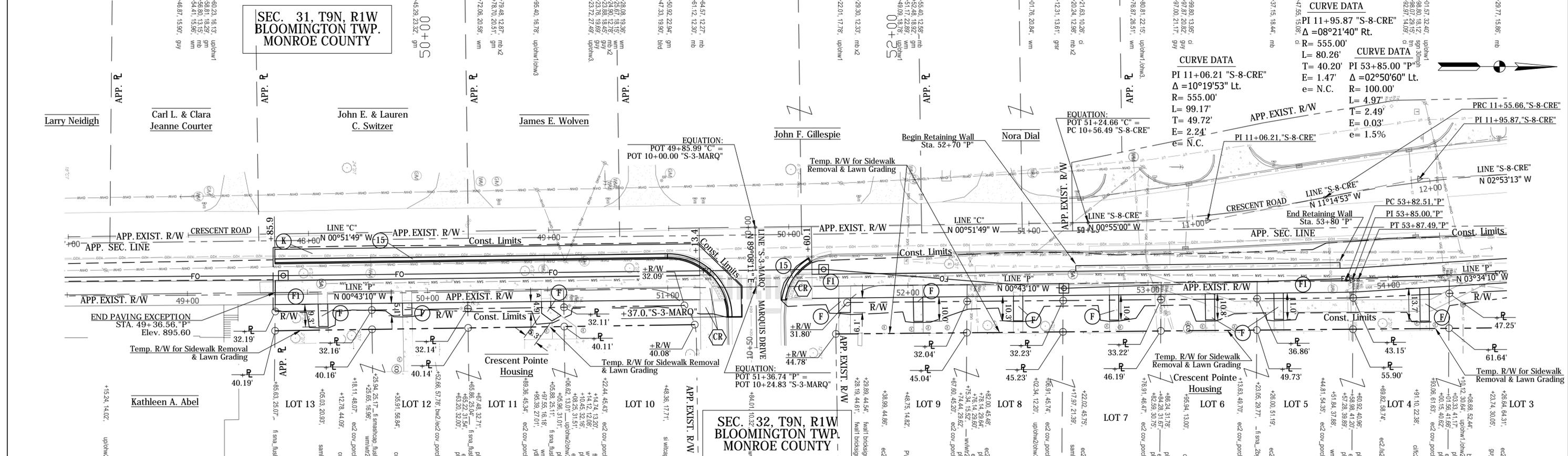
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 42+50 TO STA. 48+50 "P"

SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS XX of
CONTRACT N/A	PROJECT N/A

PLOTTED: Tuesday, April 6, 2021 10:24:35 AM

FILE: INMUN1716_RD_PP07.DWG



- (C) PCCP for Approaches, 6 In. on Subgrade Treatment, Type II
- (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base
- (FI) HMA for Sidewalk: See Typical Section
- (K) Full Depth HMA Pavement: See Typical Section
- (N) 6" Compacted Aggregate for Surface, No. 73
- (CR) Concrete Curb Ramp
- (15) Combined Concrete Curb and Gutter, Modified

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 48+50 TO STA. 54+50 "P"

SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	24 of 88
CONTRACT	PROJECT
N/A	N/A

PLOTTED: Wednesday, May 13, 2020 12:46:50 PM

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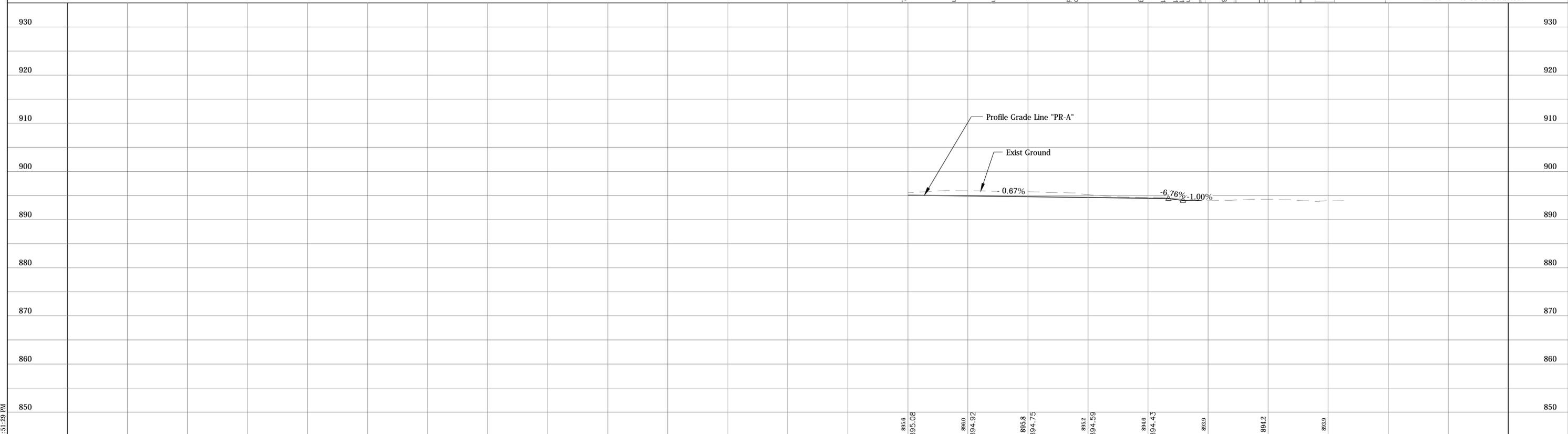
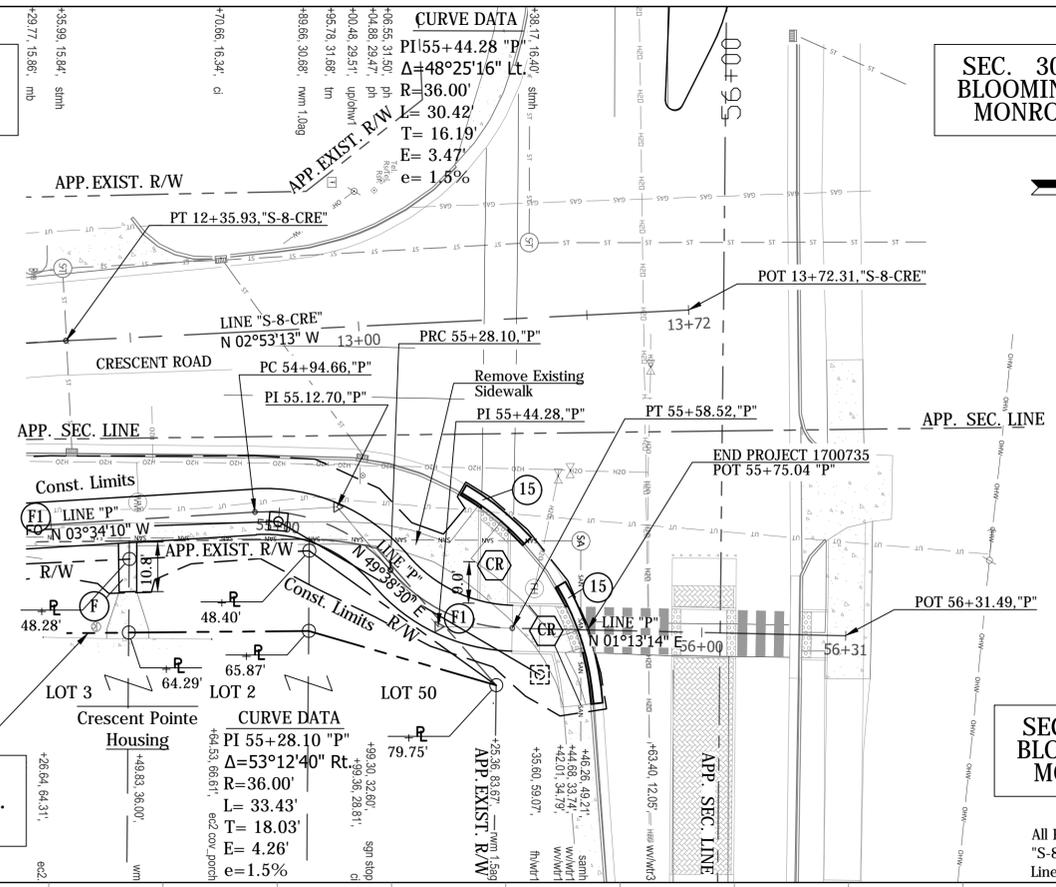
SEC. 31, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY

SEC. 30, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY

SEC. 32, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY

SEC. 29, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY

All R/W this sheet described from Line "S-8-CRE", unless otherwise noted. Lines "P" to be constructed.



- (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base
- (F1) HMA for Sidewalk: See Typical Section
- (CR) Concrete Curb Ramp
- (15) Combined Concrete Curb and Gutter, Modified

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

CITY OF BLOOMINGTON
 B-LINE TRAIL EXTENSION & MULTI-USE PATH
 PLAN & PROFILE
 STA. 54+50 TO STA. 56+33 "P"

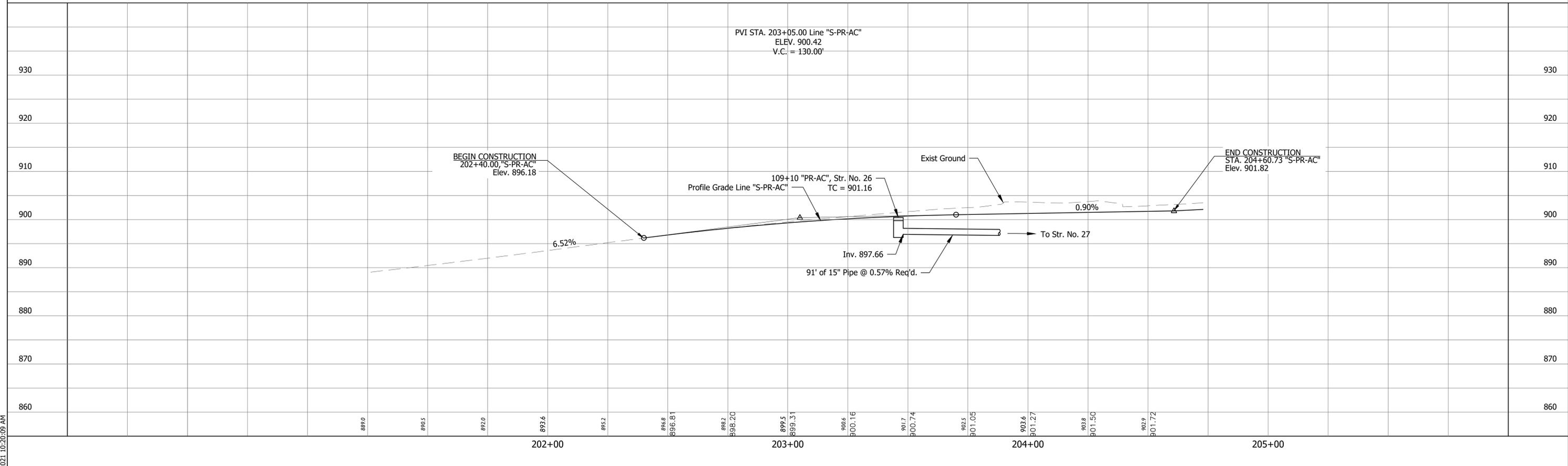
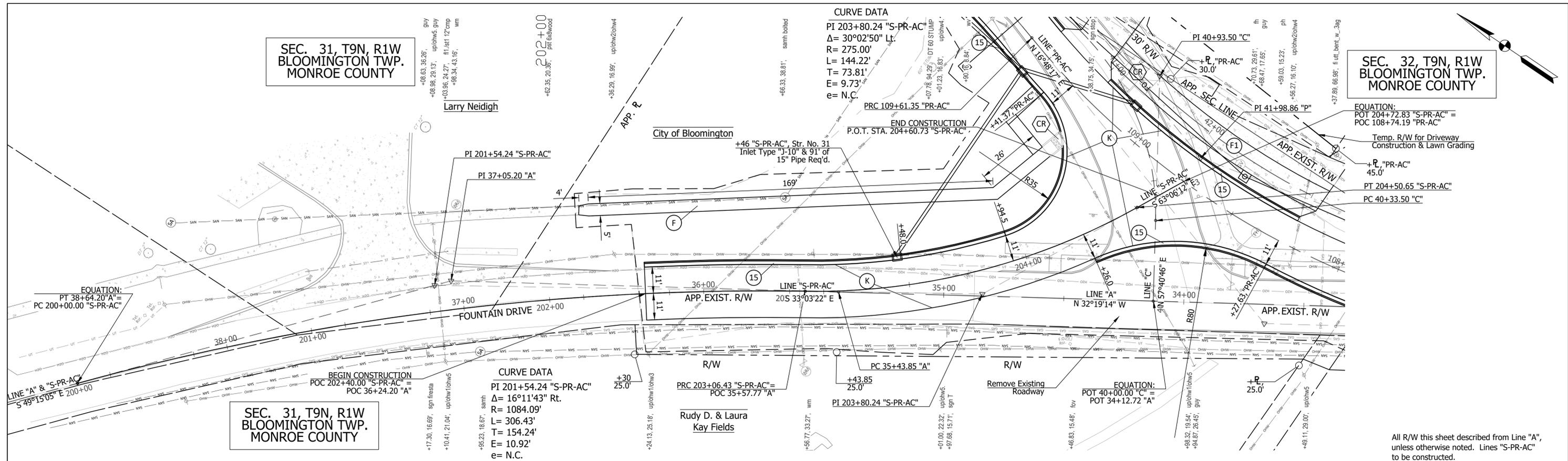
SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	25 of 88
CONTRACT	PROJECT
N/A	N/A

PLOTTED: Wednesday, May 13, 2020 12:51:29 PM

FILE: INMUN1716_RD_PP09.DWG

SEC. 31, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY

SEC. 32, T9N, R1W
BLOOMINGTON TWP.
MONROE COUNTY



- (C) PCCP for Approaches, 6 In. on Subgrade Treatment, Type II
- (F) Concrete Sidewalk, 4 In. on 4 In. Compacted Aggregate, No. 53, Base
- (F1) HMA for Sidewalk: See Typical Section
- (K) Full Depth HMA Pavement: See Typical Section
- (N) 6" Compacted Aggregate for Surface, No. 73
- (CR) Concrete Curb Ramp
- (15) Combined Concrete Curb and Gutter, Modified

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

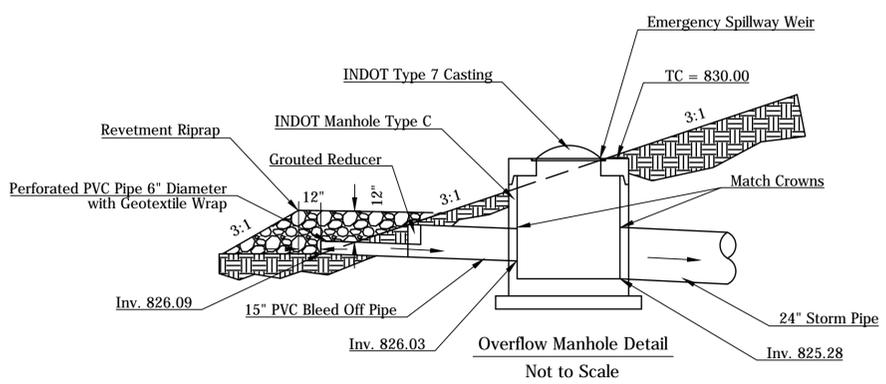
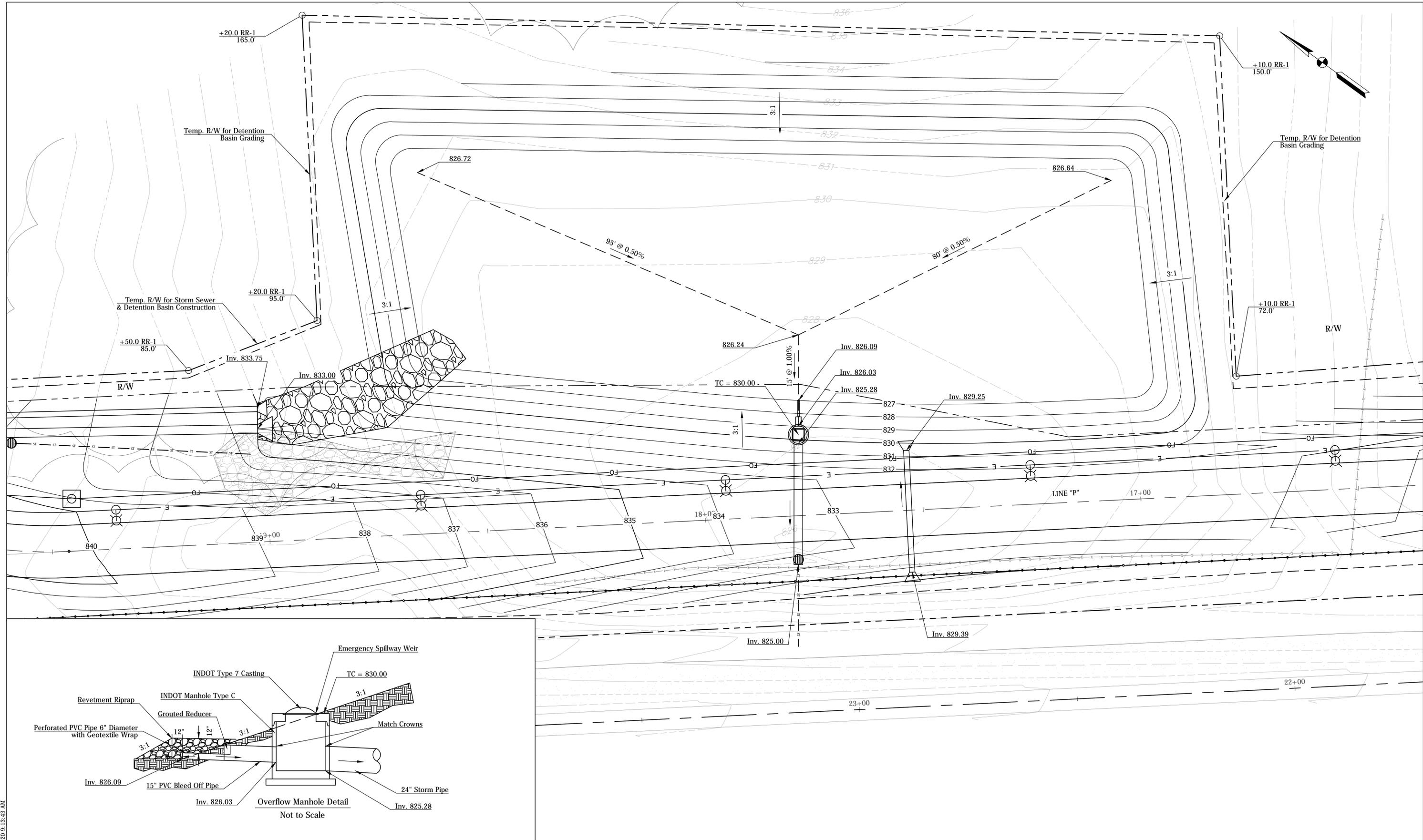
CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

PLAN & PROFILE
STA. 202+00 TO STA. 204+73 "S-PR-AC"

SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	N/A
SURVEY BOOK	SHEETS
N/A	XX of
CONTRACT	PROJECT
N/A	N/A

PLOTTED: Tuesday, April 6, 2021 10:20:09 AM

FILE: INMUN1716_RD_PP10.DWG



PLOTTED: Friday, May 15, 2020 9:13:43 AM

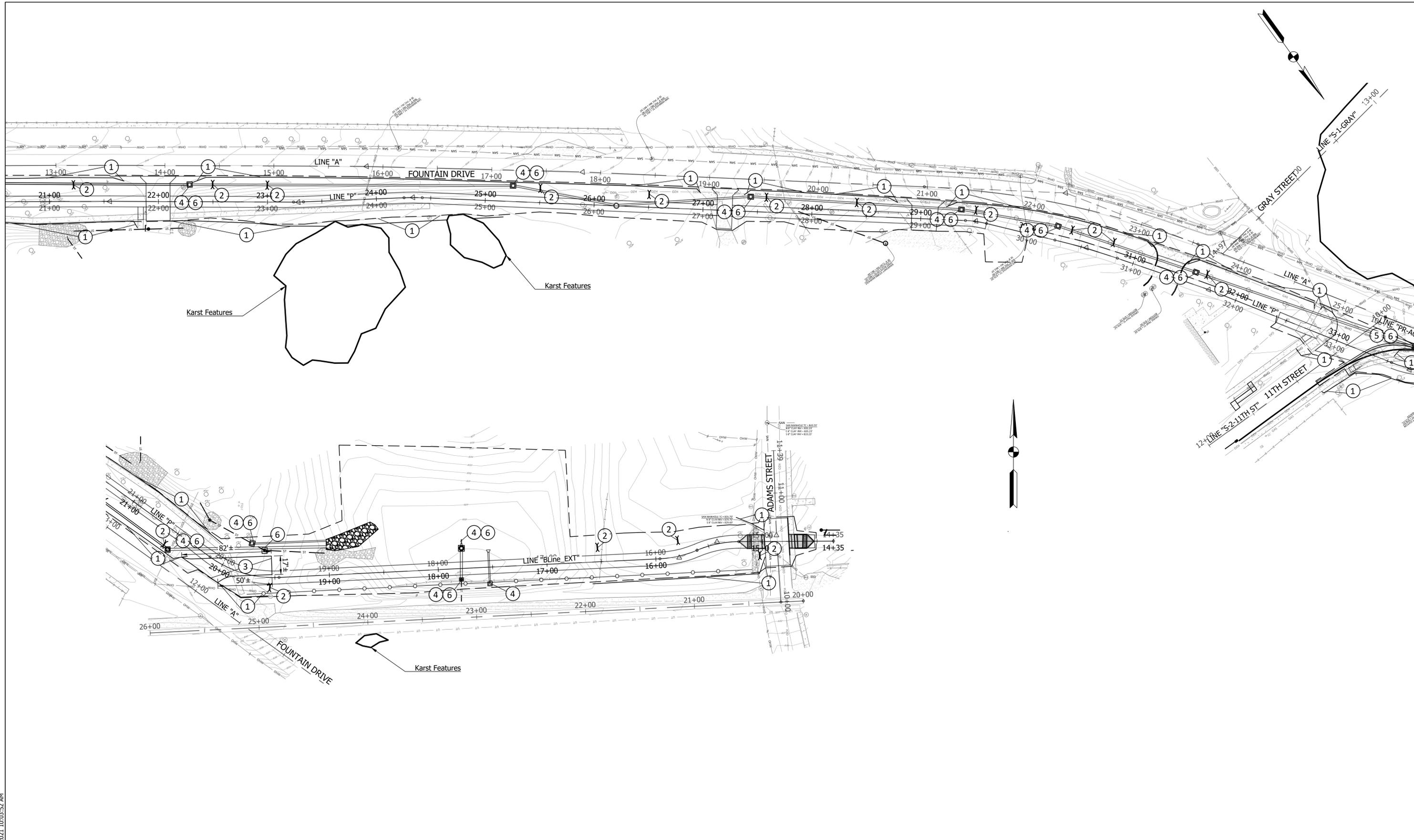
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BSF	DRAWN: PRD	
CHECKED: LAR	CHECKED: BSF	

CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

DETENTION BASIN GRADING PLAN

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700735
SURVEY BOOK	SHEETS
N/A	XX of
CONTRACT	PROJECT
R-40193	1700735



EROSION CONTROL LEGEND

Note:
Existing and proposed storm water inlets exist under differing conditions during construction. In certain inlet locations multiple types of erosion control measures are warranted. Multiple legend notes are shown on the SWPPP plans when more than one application is needed.

- ① Temporary Silt Fence (E 205-TECD-11)
- ② Temporary Check Dam, Revetment Riprap (E 205-TECD-06)
- ③ Temporary Erosion Control Perimeter Construction Entrance (E 205-TECD-12)
- ④ Temporary Inlet Protection, Filter Sock (E 205-TECD-02)
- ⑤ Temporary Curb Inlet Protection (E 205-TECD-05)
- ⑥ Temporary Inlet Protection, Filter Bag Insert (E 205-TECD-04)

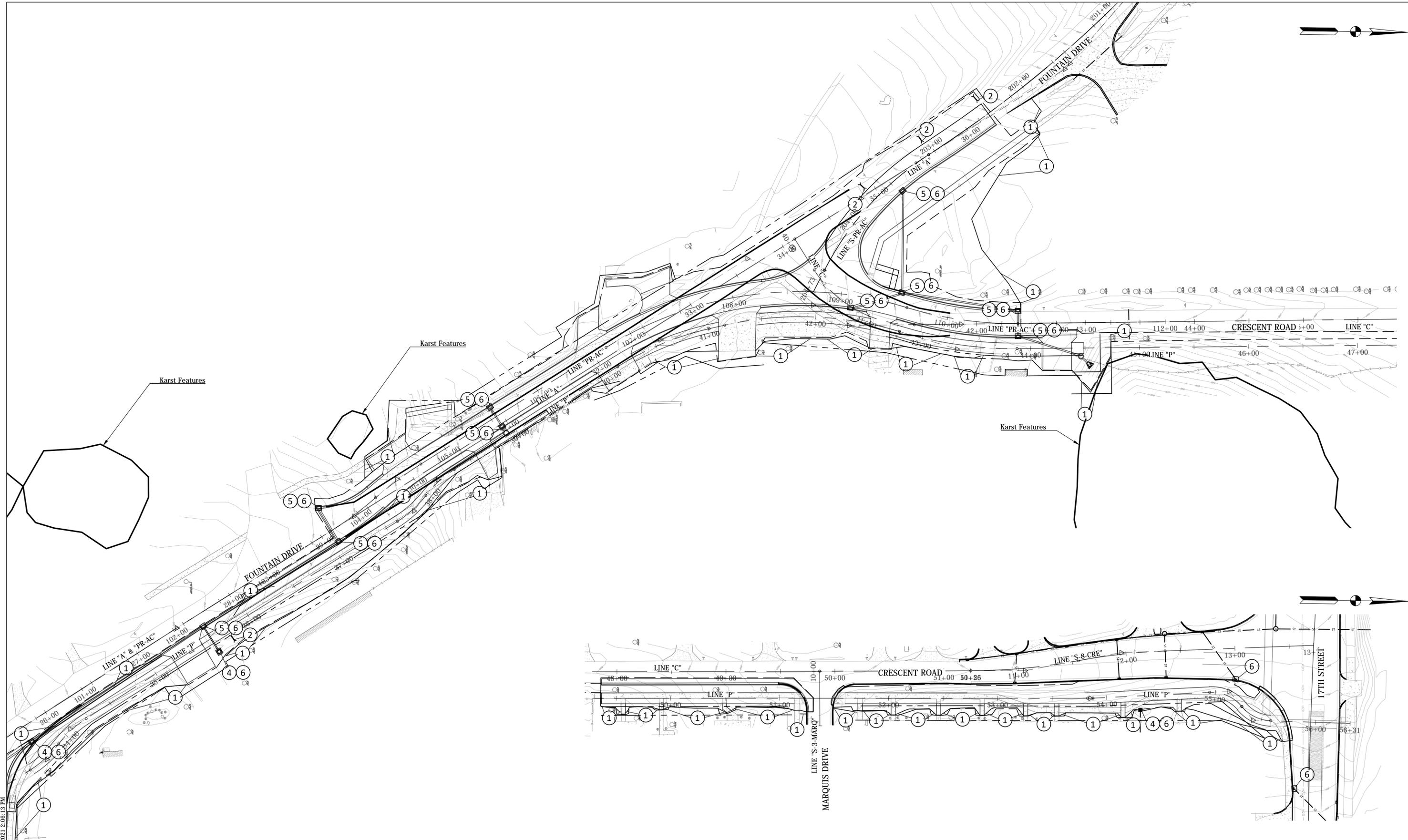
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: LAR	CHECKED: BSF	

CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

EROSION CONTROL DETAIL
LINE "P"

HORIZONTAL SCALE	BRIDGE FILE
1"=40'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700735
SURVEY BOOK	SHEETS
N/A	XX of
CONTRACT	PROJECT
R-40193	1700735

PLOTTED: Tuesday, April 6, 2021 10:03:52 AM



EROSION CONTROL LEGEND

Note:
Existing and proposed storm water inlets exist under differing conditions during construction. In certain inlet locations multiple types of erosion control measures are warranted. Multiple legend notes are shown on the SWPPP plans when more than one application is needed.

- ① Temporary Silt Fence (E 205-TECD-11)
- ② Temporary Check Dam, Revetment Riprap (E 205-TECD-06)
- ③ Temporary Erosion Control Perimeter Construction Entrance (E 205-TECD-12)
- ④ Temporary Inlet Protection, Filter Sock (E 205-TECD-02)
- ⑤ Temporary Curb Inlet Protection (E 205-TECD-05)
- ⑥ Temporary Inlet Protection, Filter Bag Insert (E 205-TECD-04)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: PRD	DRAWN: PRD	
CHECKED: BSF	CHECKED: LAR	

CITY OF BLOOMINGTON
B-LINE TRAIL EXTENSION & MULTI-USE PATH

EROSION CONTROL
LINE "P", "PR-AC" & "S-PR-AC"

HORIZONTAL SCALE	BRIDGE FILE
1"=40'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700735
SURVEY BOOK	SHEETS
N/A	XX of
CONTRACT	PROJECT
R-40193	1700735

PLOTJED: Tuesday, April 6, 2021 2:06:13 PM

FILE:
INMUN1716_SHT_EROSION_CONTROL_02.DWG

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			PERIMETER PROTECTION (E 205-TECD-11)	PERIMETER CONSTRUCTION ENTRANCE (E 205-TECD-12)	GEOTEXTILE (E 205-TECD-06 & E 205-TECD-12)	FILTER SOCK (E 205-TECD-02)	FILTER BAG INSERT (E 205-TECD-04)	CURB INLET PROTECTION (E 205-TECD-05)	DITCH CHECK, REVETMENT RIPRAP (E 205-TECD-06)	DITCH CHECK, FILTER STONE (E 205-TECD-06)	FISH POOL	REMARKS
	LEFT	MEDIAN	RIGHT										
Line "P"	LFT	TONS	SYS	LFT	EA	EA	CYS	EACH	EACH				
15+02	X						30.0			2.2	0.7		
14+98 to 15+23			X	28.0									
14+98 to 16+60	X			170.0									
15+76			X				30.0			2.2	0.7		
16+53			X				30.0			2.2	0.7		
17+53	X							16.0					
17+78			X					20.0	1.0				
17+78	X							20.0	1.0				
19+54	X						30.0			2.2	0.7		
19+62			X						1.0				
19+79			X					20.0	1.0				
19+56 to 19+96	X			50.0									
19+52 to 20+35	X				91.0	136.0							
20+08 to 21+81			X	176.0									
20+38 to 21+68	X			142.0									
20+49	X							20.0	1.0				
20+54	X						30.0			2.2	0.7		
21+22	X						30.0			2.2	0.7		
22+12 to 25+17			X	311.0									
22+29	X							20.0	1.0				
22+31 to 26+97	X			469.0									
22+50	X						30.0			2.2	0.7		
23+00	X						30.0			2.2	0.7		
25+26	X							20.0	1.0				
25+50	X						30.0			2.2	0.7		
26+50	X						30.0			2.2	0.7		
27+37 to 28+78	X			144.0									
27+43	X							20.0	1.0				
27+58	X						30.0			2.2	0.7		
28+41	X						30.0			2.2	0.7		
29+23 to 31+12	X			196.0									
29+37	X							20.0	1.0				
29+50	X						30.0			2.2	0.7		
30+25	X							20.0	1.0				
30+38	X						30.0			2.2	0.7		
30+77	X						30.0			2.2	0.7		
31+48 to 32+70	X			129.0									
31+57	X							20.0	1.0				
31+68	X						30.0			2.2	0.7		
32+68 to 32+82			X	17.0									
32+75 to 32+90	X			18.0									
33+04 to 35+19			X	232.0									
33+54 to 35+13	X			164.0									
33+72	X								1.0	1.0			
35+60	X								1.0	1.0			
35+60			X					20.0	1.0				
35+62 to 37+05			X	150.0									
35+77			X				30.0			2.2	0.7		
35+89 to 37+05	X			116.0									

TEMPORARY EROSION CONTROL TABLE

STATION	LOCATION			PERIMETER PROTECTION (E 205-TECD-11)	PERIMETER CONSTRUCTION ENTRANCE (E 205-TECD-12)	GEOTEXTILE (E 205-TECD-06 & E 205-TECD-12)	FILTER SOCK (E 205-TECD-02)	FILTER BAG INSERT (E 205-TECD-04)	CURB INLET PROTECTION (E 205-TECD-05)	DITCH CHECK, REVETMENT RIPRAP (E 205-TECD-06)	DITCH CHECK, FILTER STONE (E 205-TECD-06)	FISH POOL	REMARKS
	LEFT	MEDIAN	RIGHT										
Line "PR-AC"	LFT	TONS	SYS	LFT	EA	EA	CYS	EACH	EACH				
103+70 to 105+18			X	147.0									
103+70 to 104+58			X	88.0									
103+71			X					1.0	1.0				
103+72	X							1.0	1.0				
104+26 to 104+67	X			57.0									
105+55	X							1.0	1.0				
105+55			X					1.0	1.0				
107+05 to 107+74			X	64.0									
108+14 to 109+34			X	109.0									
109+10			X						1.0	1.0			
109+53	X								1.0	1.0			
109+55 to 110+33			X	85.0									
110+65	X								1.0	1.0			
110+65			X						1.0	1.0			
Line "P"													
44+38 to 44+74			X	64.0									
49+37 to 49+54			X	19.0									
49+59 to 49+89			X	34.0									
49+93 to 50+52			X	60.0									
50+56 to 51+13			X	59.0									
51+18 to 51+24			X	6.0									
51+49 to 51+71			X	22.0									
51+76 to 52+02			X	27.0									
52+06 to 52+44			X	41.0									
52+48 to 52+83			X	41.0									
52+88 to 53+23			X	42.0									
53+28 to 53+52			X	26.0									
53+57 to 54+13			X	59.0									
54+17 to 54+29			X	15.0									
54+31			X					20.0	1.0				
54+33 to 54+44			X	34.0									
54+69 to 55+65			X	102.0									
55+08	X								1.0				
55+77			X						1.0				
Line "S-PR-AC"													
202+00 to 202+16	X			30.0									
202+40			X				30.0			2.2	0.7		
202+15 to 204+12	X			205.0									
203+05			X				30.0			2.2	0.7		
203+46	X								1.0	1.0			
203+70			X				30.0			2.2	0.7		
TOTAL:				3948.0	91.0	736.0	256.0	26.0	11.0	44.0	14.0		

FILE: EROSION_CONTROL_TABLE_01.DWG
 PLOTTED: Tuesday, April 6, 2021 2:35:58 PM

RECOMMENDED FOR APPROVAL _____ DESIGNED: BSF CHECKED: LAR	DESIGN ENGINEER _____ DATE _____ DRAWN: BSF CHECKED: LAR	CITY OF BLOOMINGTON B-LINE TRAIL EXTENSION & MULTI-USE PATH		HORIZONTAL SCALE N/A	BRIDGE FILE N/A
		EROSION CONTROL SUMMARY TABLE		VERTICAL SCALE N/A	DESIGNATION 1700735
				SURVEY BOOK N/A	SHEETS XX of
				CONTRACT R-40193	PROJECT 1700735

Categorical Exclusion

Appendix C

Early Coordination



320 West 8th Street, Suite 100
Bloomington, Indiana 47404
812.717.2555
www.aztec.us

April 5, 2021

SAMPLE EARLY COORDINATION LETTER

Re: Des. No.: 1700735, B-Line Trail Extension in Bloomington, Monroe County

Dear ,

The City of Bloomington, in cooperation with the Indiana Department of Transportation (INDOT) and Federal Highway Administration (FHWA), intends to proceed with the aforementioned project in Monroe County. This letter is part of the early coordination phase of the environmental review process. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. **Please use the above designation numbers and description in your reply.** We will incorporate your comments into a study of the project's environmental impacts.

The proposed undertaking would take place within Bloomington Township as depicted on the USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West (see attached figures). The proposed undertaking involves extending the existing B-Line trail west and north of its current terminus to the intersection of Crescent Road and 17th Street, via the CSX Railroad, Fountain Drive, and Crescent Road in Monroe County, Indiana. The new trail segment would connect the B-Line Trail with a proposed multi-use path along 17th Street. As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would also be re-configured.

Known environmental concerns in the project area include karst features and a historic property that is eligible for listing on the National Register of Historic Places. However, no impacts to karst features are currently anticipated and the trail alignment has been altered to avoid the historic property.

The existing B-Line Trail traverses 3.1 miles from West Country Club Drive to its northern terminus at North Adams Street between 10th Street and the CSX Railroad. The section of proposed trail that would follow the CSX Railroad is wooded. The section that would follow Fountain Drive is currently a mixture of residential and commercial development. Adjacent businesses include an automotive salvage yard, a dance studio, and several offices. Land use along Crescent Road is predominantly residential.

The INDOT Ecology & Permits Office will perform waters and wetlands determinations and a biological assessment to identify any ecological resources that may be present. This project qualifies for the application of the USFWS range-wide programmatic informal consultation for the Indiana bat and northern long-eared bat and USFWS project information form will be provided to USFWS for review separately. The INDOT Cultural Resources Office will investigate project area for archaeological and

historic resources for compliance with Section 106 compliance. The results of this investigation will be forwarded to the State Historic Preservation Officer for review and concurrence.

Should we not receive your response **within thirty (30) calendar days** from the date of this letter, it will be assumed that your agency feels that there will be no adverse effects incurred as a result of the proposed project. However, should you find that an extension to the response time is necessary, a reasonable amount may be granted upon request. If you have any questions regarding this matter, please feel free to contact Mike Myers, AZTEC Engineering Group at mmyers@aztec.us or 480.766.3331, or Roy Aten, City of Bloomington at atenro@bloomington.in.gov or 812.349.3591. Thank you in advance for your input.

Sincerely,



Mike Myers
Arizona Environmental Services Division Lead
AZTEC Engineering Group, Inc.

Attachments: Early Coordination Letter Recipients List

Figure 1 – Project Location Map

Figure 2 – Project Vicinity Topographic Map

Removed to avoid duplication. See Appendix B.

Figure 3 – Project Vicinity Aerial Photograph Map

Project Area Photographs (only if indicated on the attached recipients list)

CC: Roy Aten, City of Bloomington

Early Coordination Letter Recipients List

Field Supervisor
U.S. Fish & Wildlife Service
Bloomington Field Office
620 South Walker St.
Bloomington, IN 47403
(Electronic Coordination w/ photos)

Federal Highway Administration
Federal Office Building, Room 254
575 North Pennsylvania Street
Indianapolis, Indiana 46204
(Electronic Coordination)

State Conservationist
Natural Resources Conservation Service
6013 Lakeside Boulevard
Indianapolis, Indiana 46278
(Electronic Coordination w/ photos)

Indiana Geological Survey
611 North Walnut Grove
Bloomington, IN 47405
(Electronic Coordination)

Environmental Coordinator
Indiana Department of Natural Resources
Division of Fish and Wildlife
402 West Washington Street, Rm. W273
Indianapolis, IN 46204
(Electronic Coordination, w/ photos)

Indiana Department of Environmental Management
(Electronic Coordination)

Chief, Groundwater Section
Indiana Department of Environmental Management
100 N. Senate Avenue
Indianapolis, IN 46204
(Electronic Coordination)

Manager, Public Hearings
Indiana Department of Transportation
100 N. Senate Avenue, Rm. 642
Indianapolis, IN 46204
(w/ photos)

Field Environmental Officer
Chicago Regional Office
US Department of Housing & Urban Development
Metcalf Fed. Bldg.
77 W. Jackson Blvd. Room 2401
Chicago, IL 60604
(Electronic Coordination)

Regional Environmental Coordinator
Midwest Regional Office
National Park Service
601 Riverfront Drive
Omaha, Nebraska 68102

Patrick Martin
Bloomington/Monroe County
Metropolitan Planning Organization
401 N. Morton St., Suite 130
Bloomington, IN 47402

Chief, Police Department
City of Bloomington
220 E 3rd St
Bloomington IN 47401

Chief, Fire Department
City of Bloomington
300 E 4th St
Bloomington IN 47408

Derek Richey, President
Bloomington Restorations, Inc.
2920 East 10th Street
Bloomington, IN 47408

Bloomington Historic Preservation Commission
401 N Morton St, Suite 130
Bloomington IN 47404

Susan Dyar
Monroe County History Center
202 East 6th Street
Bloomington, Indiana 47408

David Dye
Environmental Scoping Manager
Indiana Department of Transportation
185 Agrico Lane
Seymour, IN 47274

Phil Peden
Utilities Engineer
City of Bloomington
PO Box 1216
Bloomington, IN 47402

Forest Supervisor
Hoosier National Forest
US Forest Service
811 Constitution Avenue
Bedford, Indiana 47421
(Electronic Coordination, w/ photos)

Indiana Department of Transportation
Office of Aviation
100 N. Senate Avenue, Rm. 955
Indianapolis, IN 46204
(Electronic Coordination)

U.S. Army Corps of Engineers
Louisville District
ATTN: CELRL-RDN
P.O. Box 59
Louisville, KY 40201-0059
(Electronic Coordination, w/ photos)

Organization and Project Information

Project ID:
Des. ID: Des # 1700735
Project Title: B-Line Trail Extension
Name of Organization: AZTEC Engineering Group, Inc.
Requested by: Mike Myers

Environmental Assessment Report

1. Geological Hazards:
 - Potential Karst
2. Mineral Resources:
 - Bedrock Resource: High Potential
 - Sand and Gravel Resource: None documented in the area
3. Active or abandoned mineral resources extraction sites:
 - None documented in the area

*All map layers from Indiana Map (maps.indiana.edu)

DISCLAIMER:

This document was compiled by Indiana University, Indiana Geological Survey, using data believed to be accurate; however, a degree of error is inherent in all data. This product is distributed "AS-IS" without warranties of any kind, either expressed or implied, including but not limited to warranties of suitability to a particular purpose or use. No attempt has been made in either the design or production of these data and document to define the limits or jurisdiction of any federal, state, or local government. The data used to assemble this document are intended for use only at the published scale of the source data or smaller (see the metadata links below) and are for reference purposes only. They are not to be construed as a legal document or survey instrument. A detailed on-the-ground survey and historical analysis of a single site may differ from these data and this document.

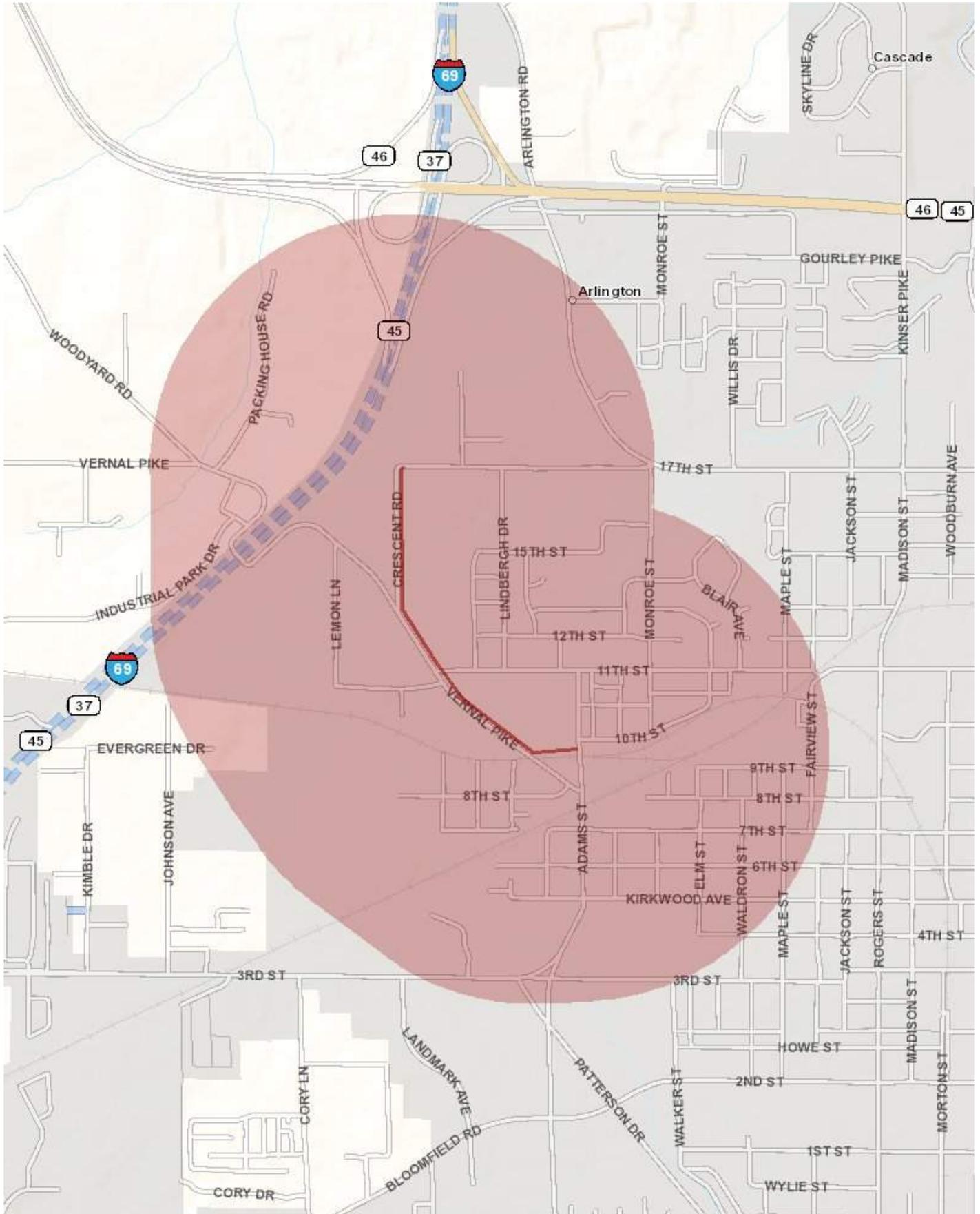
This information was furnished by Indiana Geological Survey

Address: 420 N. Walnut St., Bloomington, IN 47404

Email: IGSEnvir@indiana.edu

Phone: 812 855-7428

Date: April 25, 2019



Metadata:

- https://maps.indiana.edu/metadata/Hydrology/Karst_Sinkhole_Areas.html
- https://maps.indiana.edu/metadata/Hydrology/Karst_Springs.html
- https://maps.indiana.edu/metadata/Geology/Bedrock_Geology.html

From: McWilliams, Robin <robin_mcwilliams@fws.gov>
Sent: Thursday, April 25, 2019 9:20 AM
To: Mike Myers
Subject: Re: [EXTERNAL] Coordination, Des 1700735, Multi-Use Path Extension, Bloomington, Monroe County

Dear Mike,

This responds to your recent letter, requesting our comments on the aforementioned project.

These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (16 U.S.C. 661 et. seq.) and are consistent with the intent of the National Environmental Policy Act of 1969, the Endangered Species Act of 1973, and the U. S. Fish and Wildlife Service's Mitigation Policy.

The project is within the range of the Indiana bat (*Myotis sodalis*) and northern long-eared bat (*Myotis septentrionalis*) and should follow the new Indiana bat/northern long-eared bat programmatic consultation process, if applicable (*i.e.* a federal transportation nexus is established). We will review that information once it is received.

As you mentioned, the project is in the karst area of Indiana. If any karst features are encountered, a karst survey should be conducted, with mitigation measures as necessary, in accordance with our 1993 Memorandum of Understanding.

Based on a review of the information you provided, the U.S. Fish and Wildlife Service has no objections to the project as currently proposed. However, should new information arise pertaining to project plans or a revised species list be published, it will be necessary for the Federal agency to reinstate consultation. Standard recommendations are provided below.

We appreciate the opportunity to comment at this early stage of project planning. If project plans change such that fish and wildlife habitat may be affected, please re-coordinate with our office as soon as possible. If you have any questions about our recommendations, please call (812) 334-4261 x. 207.

Sincerely,
Robin McWilliams Munson

Standard Recommendations:

- 1. Do not clear trees or understory vegetation outside the construction zone boundaries. (This restriction is not related to the "tree clearing" restriction for potential Indiana Bat habitat.)**

2. Restrict below low-water work in streams to placement of culverts, piers, pilings and/or footings, shaping of the spill slopes around the bridge abutments, and placement of riprap.

Culverts should span the active stream channel, should be either embedded or a 3-sided or open-arch culvert, and be installed where practicable on an essentially flat slope. When an open-bottomed culvert or arch is used in a stream, which has a good natural bottom substrate, such as gravel, cobbles and boulders, the existing substrate should be left undisturbed beneath the culvert to provide natural habitat for the aquatic community.

3. Restrict channel work and vegetation clearing to the minimum necessary for installation of the stream crossing structure.
4. Minimize the extent of hard armor (riprap) in bank stabilization by using bioengineering techniques whenever possible. If rip rap is utilized for bank stabilization, extend it below low-water elevation to provide aquatic habitat.
5. Implement temporary erosion and sediment control methods within areas of disturbed soil. All disturbed soil areas upon project completion will be vegetated following INDOT's standard specifications.
6. Avoid all work within the inundated part of the stream channel (in perennial streams and larger intermittent streams) during the fish spawning season (April 1 through June 30), except for work within sealed structures such as caissons or cofferdams that were installed prior to the spawning season. No equipment shall be operated below Ordinary High Water Mark during this time unless the machinery is within the caissons or on the cofferdams.
7. Evaluate wildlife crossings under bridge/culverts projects in appropriate situations. Suitable crossings include flat areas below bridge abutments with suitable ground cover, high water shelves in culverts, amphibian tunnels and diversion fencing.

Robin McWilliams Munson

U.S. Fish and Wildlife Service
620 South Walker Street
Bloomington, Indiana 46403
812-334-4261 x. 207 Fax: 812-334-4273

Monday, Tuesday - 7:30a-3:00p
Wednesday, Thursday - telework 8:30a-3:00p

On Wed, Apr 24, 2019 at 10:19 PM Mike Myers <MMyers@aztec.us> wrote:

Hi Robin,

May 8, 2019

Mike Myers
AZTEC Engineering Group, Inc.
320 West 8th Street, Suite 100
Bloomington, Indiana 47404

Dear Mr. Myers:

The proposed project to extend the existing B-Line trail west and north of its current terminus to the intersection of Crescent Road and 17th Street in the City of Bloomington, Monroe County, Indiana, (Des No 1700735) as referred to in your letter received April 24, 2019, will not cause a conversion of prime farmland.

If you need additional information, please contact Daniel Phillips at 317-295-5871.

Sincerely,

JERRY RAYNOR
State Conservationist

Helping People Help the Land.



USDA is an equal opportunity provider, employer and lender.



Bloomington Restorations, Inc.

A FOUNDATION FOR HISTORIC PRESERVATION IN MONROE COUNTY

2920 E. Tenth Street
Bloomington, IN 47408
812-336-0909
bri@Bloomington
Restorations.org

May 23, 2019

Mike Myers
AZTEC Engineering Group, Inc.
320 W 8th St, Suite 100
Bloomington, IN 47404

Re: Des. No.: 1700735, B-Line Trail Extension in Bloomington, Monroe County

Dear Mr. Myers:

Board Members

Devin Blankenship

Ernesto Castaneda

Elizabeth Cox-Ash

Karen Duffy

Henry Glassie

Don Granbois

Pete Kinne

LeAnne Luce

Derek Richey

Jan Sorby

Thank you for your letter dated May 21, 2019 regarding the B-Line Trail extension. Bloomington Restorations, Inc., as the local historic preservation not-for-profit group serving Monroe County, would like to be a consulting party for the Section 106 process for this project.

Our group is particularly concerned about a Victorian-era residential structure at 2102 W Fountain Dr., which we believe is eligible for the National Register of Historic Places. We acquired the property years ago and worked to get it restored, and continue to hold private historic preservation covenants to prevent its demolition or alterations that would detract from its historic character. The property includes a historic stone wall along the front of the property.

We are also concerned about a series of early 20th century residential structures along Crescent Road. We believe structures with at least Contributing ratings are 910, 920, 1129, 1203, 1205, 1207, 1209, 1213, 1219, 1225, 1313 and 1319 N Crescent Road.

We are interested in learning more about the potential path and design of the trail extension.

Sincerely,

Steve Wyatt
Executive Director

State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Fish and Wildlife
Early Coordination/Environmental Assessment

DNR #: ER-21485

Request Received: April 24, 2019

Requestor: Aztec Engineering
Mike Myers
4561 East McDowell Road
Phoenix, AZ 85008

Project: B-Line Trail Extension along Crescent Road, Fountain Drive (with road re-alignment to 11th Street), and CSX Railroad; City of Bloomington, Des #1700735

County/Site info: Monroe

The Indiana Department of Natural Resources has reviewed the above referenced project per your request. Our agency offers the following comments for your information and in accordance with the National Environmental Policy Act of 1969.

If our agency has regulatory jurisdiction over the project, the recommendations contained in this letter may become requirements of any permit issued. If we do not have permitting authority, all recommendations are voluntary.

Regulatory Assessment: Formal approval by the Department of Natural Resources under the regulatory programs administered by the Division of Water is not required for this project.

Natural Heritage Database: The Natural Heritage Program's data have been checked. To date, no plant or animal species listed as state or federally threatened, endangered, or rare have been reported to occur in the project vicinity.

Fish & Wildlife Comments: Avoid and minimize impacts to fish, wildlife, and botanical resources to the greatest extent possible, and compensate for impacts. The following are recommendations that address potential impacts identified in the proposed project area:

A) Riparian Habitat:

We recommend a mitigation plan be developed for any unavoidable habitat impacts that will occur. The mitigation site should be located as close to the impact site as possible and adjacent to existing forested riparian habitat. The DNR's Floodway Habitat Mitigation guidelines (and plant lists) can be found online at:
<http://www.in.gov/legislative/iac/20190130-IR-312190041NRA.xml.pdf>.

Impacts to non-wetland forest of one (1) acre or more should be mitigated at a minimum 2:1 ratio. If less than one acre of non-wetland forest is removed in a rural setting, replacement should be at a 1:1 ratio based on area. Impacts to non-wetland forest under one (1) acre in an urban setting should be mitigated by planting five trees, at least 2 inches in diameter-at-breast height (dbh), for each tree which is removed that is 10" dbh or greater (5:1 mitigation based on the number of large trees).

B) Karst:

The area is generally characterized by underlying karst geology. In case karst features (previously unknown) exist within the construction limits, we recommend implementation of the 1993 INDOT-IDNR-IDEM-USFWS KARST Memorandum of Understanding during all phases of the project (see
http://www.in.gov/indot/files/38_karst.pdf).

Should any karst features be located within the construction limits or that may receive drainage from the construction, a karst assessment should be conducted by a qualified

State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Fish and Wildlife
Early Coordination/Environmental Assessment

geologist to determine whether or not the karst feature/sinkhole is active. If a karst assessment is not conducted, any sinkhole that construction runoff may drain to should be assumed to be active. To protect active sinkholes (or those not assessed) the most protective erosion control methods should be implemented to avoid potentially impacting sensitive karst ecosystems (such as runoff containment and filtering prior to discharge). Construction should be avoided within 25' of the topmost closed contour of any active karst features. Where construction within the closed contours of a karst feature is unavoidable, runoff should be filtered prior to discharge.

C) Trail Guidelines:

The following is a basic list of recommendations from IDNR Division of Fish and Wildlife to consider when planning trails to minimize impacts to fish, wildlife, and botanical resources.

1. Place the trail in or adjacent to existing right-of-ways where possible to minimize significant impacts to natural resource habitat. Also, utilize previously disturbed or degraded areas. Align the trail along or near existing man-made edges or areas that have the potential to be restored or enhanced by trail construction (i.e. railroad corridors), rather than routing the trail through previously undisturbed areas.
2. When designing or constructing a trail, disturb as narrow an area as possible to help minimize negative impacts. Where significant impacts to fish, wildlife or botanical resources are likely due to the trail's width, reduce the width to help avoid those impacts. ADA accessibility standards allow departures from the standards under certain conditions, including substantial harm to natural features, habitat, or vegetation (see <http://www.access-board.gov/attachments/article/1500/outdoor-rule.pdf>, Accessibility Guidelines for Outdoor Developed Areas).
3. Do not focus only on the direct impact of the trail's width; also consider the trail's impact to the surrounding habitat. Trails can fragment larger habitat areas and reduce the overall usefulness of the site to fish, wildlife, or botanical resources (1 large habitat block is better than 2 small habitat blocks). Trails can cause significant impacts to forested areas, riparian forested corridors along creeks and rivers, and wetland areas. They also may cause sediment and erosion issues or introduce human disturbance into fairly isolated areas containing wildlife habitat.
4. Avoid unnecessary stream crossings. Instead, make use of or modify existing stream crossings or avoid crossing the stream altogether. Where stream crossings are unavoidable, pedestrian bridges with supports/abutments placed no less than 10 feet landward from the tops of the banks on each side of the waterway are recommended. Alternatively, a three-sided culvert may be used. Three-sided culverts should be oversized to allow terrestrial wildlife movement along the creek on unsubmerged dry land at normal water levels. Box-culvert or pipe-culvert crossings are not recommended.
5. Trails designed to follow a stream's course must be placed outside the stream's forested riparian buffer. Also, do not place the trail along the tops of the banks of a forested creek. Avoid perpendicular fragmentation of riparian areas (streamside habitat). Where the stream has little or no forested riparian buffer, the trail should be no closer than 15 feet from the tops of the banks.
6. Avoid elements identified in the Natural Heritage Database; trails may negatively affect species that require specific natural conditions (vegetation, light levels, moisture, etc.) that are altered as a result of trail construction. Rare and high quality habitats, and wildlife habitats that possess high wildlife abundance and diversity, should be avoided by placing the trail around the habitat and screening it from the trail and trail users with a buffer of native vegetation or another method as discussed below. Wetlands and karst features are but two examples of areas to avoid.
7. Raised boardwalks should be constructed in wet areas or near wetlands (trails through wetlands are not recommended). A material such as composite decking should be used rather than treated wood which can leach elements toxic to aquatic life.

State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Fish and Wildlife
Early Coordination/Environmental Assessment

8. Screen wildlife habitat from the trail corridor. Vegetation, topography, and fences can help reduce the impact of noise and line of site disturbances of trail users on wildlife. Walls can create wildlife movement barriers and potential impacts must be considered. Native grass buffers (2 to 3 feet tall) are recommended along the edge of trails near habitat such as wetlands.
9. Lighting should only be used when absolutely necessary. Lighting in forested areas and along creeks, streams, and rivers should be the lowest intensity feasible and shielded to cast light on the path and not diffused into the surroundings to avoid disturbing wildlife circadian rhythms and disorienting night-migrating birds.
10. Any plantings in the riparian areas should be locally native species, not exotic species or horticultural varieties (e.g. "Autumn Blaze" Red Maple). A list of appropriate native woody and herbaceous vegetation can be provided upon request.
11. Trail surfaces can have negative effects on surrounding natural areas and deter movement of some species across the trail. Some surface materials are more environmentally acceptable than others, such as mulch and mown grass which should be considered as the first options. Asphalt is not recommended as a trail surface in the floodway. The conventional maintenance for aging asphalt is to seal it with a blacktop or asphalt sealer. Research has shown that as these sealers break down over time, they move into the aquatic environment and are highly toxic to aquatic life. If asphalt is used then asphalt sealer should not be used for long-term maintenance and repair of the asphalt trail surface. In previously disturbed areas, concrete is an acceptable surface material, and porous concrete is preferred wherever it can be used.
12. Shoulders should be constructed using unconsolidated materials where possible. In some situations, solid shoulders are necessary. In those cases, shoulders should be constructed using porous concrete.
13. Trails that highlight natural resources should skirt the resource and utilize "pulloffs" at specific sites instead of letting the entire trail and traffic disturb the resource.

The additional measures listed below should be implemented to avoid, minimize, or compensate for impacts to fish, wildlife, and botanical resources:

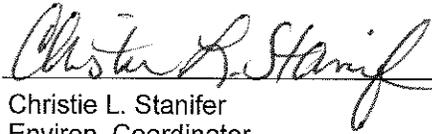
1. Revegetate all bare and disturbed areas in the floodway with a mixture of native grasses, sedges, wildflowers, and also native hardwood trees and shrubs if any woody plants are disturbed during construction as soon as possible upon completion. Do not use any varieties of Tall Fescue or other non-native plants, including prohibited invasive species (see 312 IAC 18-3-25).
2. Minimize and contain within the project limits inchannel disturbance and the clearing of trees and brush.
3. Do not cut any trees suitable for Indiana bat or Northern Long-eared bat roosting (greater than 5 inches dbh, living or dead, with loose hanging bark, or with cracks, crevices, or cavities) from April 1 through September 30.
4. Appropriately designed measures for controlling erosion and sediment must be implemented to prevent sediment from entering the stream or leaving the construction site; maintain these measures until construction is complete and all disturbed areas are stabilized.
5. Seed and protect all disturbed streambanks and slopes not protected by other methods that are 3:1 or steeper with erosion control blankets that are heavy-duty, biodegradable, and net free or that use loose-woven / Leno-woven netting to minimize the entrapment and snaring of small-bodied wildlife such as snakes and turtles (follow manufacturer's recommendations for selection and installation); seed and apply mulch on all other disturbed areas.

THIS IS NOT A PERMIT

State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Fish and Wildlife
Early Coordination/Environmental Assessment

Contact Staff:

Christie L. Stanifer, Environ. Coordinator, Fish & Wildlife
Our agency appreciates this opportunity to be of service. Please contact the above staff member at (317) 232-4080 if we can be of further assistance.



Date: May 24, 2019

Christie L. Stanifer
Environ. Coordinator
Division of Fish and Wildlife

From: [Wright, Mary](#)
To: [Mike Myers](#)
Subject: RE: 1700735 B Line Trail Extension Early Coordination
Date: Friday, June 14, 2019 9:14:58 AM
Attachments: [image001.jpg](#)

Confirming we are in receipt of your early coordination packet for the above reference project.

Please state the estimated amount of new right-of-way (if any). Our section needs to know if the estimated amount will be over or under 0.5 acre, as that is most common trigger for required public involvement. Many agencies need this information for one reason or another. Early coordination letters with this information helps our section track upcoming projects.

So if you would, please forward an estimated amount of right-of-way for this project (and in future projects) – it does not need to be exact - only that it is anticipated to be over or under the 0.5 acre
Thank you for your consideration.

Mary



Early Coordination and Creating a Public Involvement Plan (PIP)

We have received your early coordination notification packet for the above referenced project(s). Our office prefers to be notified at the early coordination stage in order to encourage early and ongoing public involvement aside from the specific legal requirements as outlined in our Public Involvement Manual <http://www.in.gov/indot/2366.htm>. Seeking the public's understanding of transportation improvement projects early in the project development stage can allow the opportunity for the public to express their concerns, comments, and to seek buy-in. Early coordination is the perfect opportunity to examine the proposed project and its impacts to the community along with the many ways and or tools to inform the public of the improvements and seek engagement. A good public involvement plan, or PIP, should consider the type, scope, impacts, and the level of public awareness that should, or could, be implemented. In other words, although there are cases where no public involvement is legally required, sometimes it is simply the right thing to do in order to keep the public informed.

The public involvement office is always available to provide support and resources to bolster any public involvement activities you may wish to implement or discuss. Please feel free to contact our office anytime should you have any questions or concerns. Thank you for notifying our office about your proposed project. We trust you will not only analyze the appropriate public involvement required, but also consider the opportunity to do go above and beyond those requirements in creating a good PIP.

Rickie Clark, Manager
100 North Senate Avenue, Room N642
Indianapolis, IN 46204

Phone: 317-232-6601
Email: rclark@indot.in.gov

Mary Wright, Hearing Examiner
Phone: 317-234-0796
Email: mwright@indot.in.gov



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno Pigott
Commissioner

July 17, 2019

66-33

AZTEC Engineering Group, Inc.
Attention: Mike Myers
4561 East McDowell Road
Phoenix, Arizona 85008

Dear Mike Myers,

RE: Wellhead Protection Area
Proximity Determination
Des No 1700735
2000 Fountain Drive
Bloomington, Indiana 47404,
Monroe County

Upon review of the above referenced project site, it has been determined that the proposed project area **is not located within** a Wellhead Protection Area. The information is accurate to the best of our knowledge; however, there are in some cases a few factors that could impact the accuracy of this determination. Some Wellhead Protection Area Delineations have not been submitted, and many have not been approved by this office. In these cases we use a 3,000 foot fixed radius buffer to make the proximity determination. To find the status of a Public Water Supply System's (PWSS's) Wellhead Protection Area Delineation please visit our tracking database at <http://www.in.gov/idem/cleanwater/2456.htm> and scroll to the bottom of the page.

Note: the Drinking Water Branch has launched a new self service feature which allows one to determine wellhead proximity without submitting the application form. Use the following instructions:

1. Go to <http://idemmaps.idem.in.gov/whpa2/>
2. Use the search tool located in the upper left hand corner of the application to zoom to your site of interest by way of city, county, or address; or use the mouse to click on the site of interest displayed on the map.
3. Once the site of interest has been located and selected, use the print tool to create a .pdf of a wellhead protection area proximity determination response.

In the future please consider using this self service feature if it suits your needs.

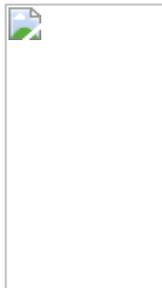
If you have any additional questions please feel free to contact me at the address above or at (317) 233-9158 and aturnbow@idem.in.gov.

Sincerely,

Alisha Turnbow,
Environmental Manager
Ground Water Section
Drinking Water Branch
Office of Water Quality



Please Reduce, Reuse, Recycle



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

100 North Senate Avenue - Indianapolis, IN 46204
(800) 451-6027 - (317) 232-8603 - www.idem.IN.gov

City of Bloomington
Roy Aten
401 N Morton St
Bloomington, IN 47404
7/15/2019

AZTEC Engineering Group, Inc.
Mike Myers
4561 East McDowell Road
Phoenix , IN 85008

Dear Grant Administrator or Other Finance Approval Authority:

RE: The City of Bloomington, in cooperation with the Indiana Department of Transportation (INDOT) and Federal Highway Administration (FHWA), intends to proceed with the aforementioned project in Monroe County. The proposed undertaking would take place within Bloomington Township as depicted on the USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West (see attached figures). The proposed undertaking involves extending the existing B-Line trail west and north of its current terminus to the intersection of Crescent Road and 17th Street, via the CSX Railroad, Fountain Drive, and Crescent Road in Monroe County, Indiana. The new trail segment would connect the B-Line Trail with a proposed multi-use path along 17th Street. As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would also be re-configured.

The Indiana Department of Environmental Management (IDEM) is aware that many local government or not-for-profit entities are seeking grant monies, a bond issuance, or another public funding mechanism to cover some portion of the cost of a public works, infrastructure, or community development project. IDEM also is aware that in order to be eligible for such funding assistance, applicants are required to first evaluate the potential impacts that their particular project may have on the environment. In order to assist applicants seeking such financial assistance and to ensure that such projects do not have an adverse impact on the environment, IDEM has prepared the following list of environmental issues that each applicant must consider in order to minimize environmental impacts in compliance with all relevant state laws.

IDEM recommends that each applicant consider the following issues when moving forward with their project. IDEM also requests that, in addition to submitting the information requested above, each applicant also sign the attached certification, attesting to the fact that they have read the letter in its entirety, agree to abide by the recommendations of the letter, and to apply for any permits required from IDEM for the completion of their project.

IDEM recommends that any person(s) intending to complete a public works, infrastructure, or community development project using any public funding consider each of the following applicable recommendations and requirements:

WATER AND BIOTIC QUALITY

1. Section 404 of the Clean Water Act requires that you obtain a permit from the U.S. Army Corps of Engineers (USACE) before discharging dredged or fill materials into any wetlands or other waters, such as rivers, lakes, streams, and ditches. Other activities regulated include the relocation, channelization, widening, or other such alteration of a stream, and the mechanical clearing (use of heavy construction equipment) of wetlands. Thus, as a project owner or sponsor, it is your responsibility to ensure that no wetlands are disturbed without the proper permit. Although you may initially refer to the U.S. Fish and Wildlife Service National Wetland Inventory maps as a means of identifying potential areas of concern, please be mindful that those maps do not depict jurisdictional wetlands regulated by the USACE or the Department of Environmental Management. A valid jurisdictional wetlands determination can only be made by the USACE, using the 1987 Wetland Delineation Manual.

USACE recommends that you have a consultant check to determine whether your project will abut, or lie within, a wetland area. To view a list of consultants that have requested to be included on a list posted by the USACE on their Web site, see USACE Permits and Public Notices (<http://www.lrl.usace.army.mil/orf/default.asp>) (<http://www.lrl.usace.army.mil/orf/default.asp>) and then click on "Information" from the menu on the right-hand side of that page. Their "Consultant List" is the fourth entry down on the "Information" page. Please note that the USACE posts all consultants that request to appear on the list, and that inclusion of any particular consultant on the list does not represent an endorsement of that consultant by the USACE, or by IDEM.

Much of northern Indiana (Newton, Lake, Porter, LaPorte, St. Joseph, Elkhart, LaGrange, Steuben, and Dekalb counties; large portions of Jasper, Starke, Marshall, Noble, Allen, and Adams counties; and lesser portions of Benton, White, Pulaski, Kosciusko, and Wells counties) is served by the USACE District Office in Detroit (313-226-6812). The central and southern portions of the state (large portions of Benton, White, Pulaski, Kosciusko, and Wells counties; smaller portions of Jasper, Starke, Marshall, Noble, Allen, and Adams counties; and all other Indiana counties located in north-central, central, and southern Indiana) are served by the USACE Louisville District Office (502-315-6733).

Additional information on contacting these U.S. Army Corps of Engineers (USACE) District Offices, government agencies with jurisdiction over wetlands, and other water quality issues, can be found at <http://www.in.gov/idem/4396.htm> (<http://www.in.gov/idem/4396.htm>). IDEM recommends that impacts to wetlands and other water resources be avoided to the fullest extent.

2. In the event a Section 404 wetlands permit is required from the USACE, you also must obtain a Section 401 Water Quality Certification from the IDEM Office of Water Quality. To learn more about the water quality certification program, visit: <http://www.in.gov/idem/4384.htm> (<http://www.in.gov/idem/4384.htm>).
3. If the USACE determines that a wetland or other body of water is isolated and not subject to Clean Water Act regulation, it is still regulated by the state of Indiana . A state isolated wetland permit from IDEM's Office of Water Quality is required for any activity that results in the discharge of dredged or fill materials into isolated wetlands. To learn more about isolated wetlands, contact the Office of Water Quality at 317-233-8488.
4. If your project will impact more than 0.5 acres of wetland, stream relocation, or other large-scale alterations to bodies of water such as the creation of a dam or a water diversion, you should seek additional input from the Office of Water Quality, Wetlands staff at 317-233-8488.
5. Work within the one-hundred year floodway of a given body of water is regulated by the Department of Natural Resources, Division of Water. Contact this agency at 317-232-4160 for further information.

6. The physical disturbance of the stream and riparian vegetation, especially large trees overhanging any affected water bodies should be limited to only that which is absolutely necessary to complete the project. The shade provided by the large overhanging trees helps maintain proper stream temperatures and dissolved oxygen for aquatic life.
7. For projects involving construction activity (which includes clearing, grading, excavation and other land disturbing activities) that result in the disturbance of one (1), or more, acres of total land area, contact the Office of Water Quality – Watershed Planning Branch (317/233-1864) regarding the need for of a Rule 5 Storm Water Runoff Permit. Visit the following Web page
 - o <http://www.in.gov/idem/4902.htm> (<http://www.in.gov/idem/4902.htm>)

To obtain, and operate under, a Rule 5 permit you will first need to develop a Construction Plan (<http://www.in.gov/idem/4917.htm#constreq> (<http://www.in.gov/idem/4917.htm#constreq>)), and as described in 327 IAC 15-5-6.5 (<http://www.in.gov/legislative/iac/T03270/A00150> [PDF] (<http://www.in.gov/legislative/iac/T03270/A00150.PDF>), pages 16 through 19). Before you may apply for a Rule 5 Permit, or begin construction, you must submit your Construction Plan to your county Soil and Water Conservation District (SWCD) (<http://www.in.gov/isda/soil/contacts/map.html> (<http://www.in.gov/isda/soil/contacts/map.html>)).

Upon receipt of the construction plan, personnel of the SWCD or the Indiana Department of Environmental Management will review the plan to determine if it meets the requirements of 327 IAC 15-5. Plans that are deemed deficient will require re-submittal. If the plan is sufficient you will be notified and instructed to submit the verification to IDEM as part of the Rule 5 Notice of Intent (NOI) submittal. Once construction begins, staff of the SWCD or Indiana Department of Environmental Management will perform inspections of activities at the site for compliance with the regulation.

Please be mindful that approximately 149 Municipal Separate Storm Sewer System (MS4) areas are now being established by various local governmental entities throughout the state as part of the implementation of Phase II federal storm water requirements. All of these MS4 areas will eventually take responsibility for Construction Plan review, inspection, and enforcement. As these MS4 areas obtain program approval from IDEM, they will be added to a list of MS4 areas posted on the IDEM Website at: <http://www.in.gov/idem/4900.htm> (<http://www.in.gov/idem/4900.htm>).

If your project is located in an IDEM-approved MS4 area, please contact the local MS4 program about meeting their storm water requirements. Once the MS4 approves the plan, the NOI can be submitted to IDEM.

Regardless of the size of your project, or which agency you work with to meet storm water requirements, IDEM recommends that appropriate structures and techniques be utilized both during the construction phase, and after completion of the project, to minimize the impacts associated with storm water runoff. The use of appropriate planning and site development and appropriate storm water quality measures are recommended to prevent soil from leaving the construction site during active land disturbance and for post construction water quality concerns. Information and assistance regarding storm water related to construction activities are available from the Soil and Water Conservation District (SWCD) offices in each county or from IDEM.

8. For projects involving impacts to fish and botanical resources, contact the Department of Natural Resources - Division of Fish and Wildlife (317-232-4080) for additional project input.
9. For projects involving water main construction, water main extensions, and new public water supplies, contact the Office of Water Quality - Drinking Water Branch (317-308-3299) regarding the need for permits.

10. For projects involving effluent discharges to waters of the State of Indiana , contact the Office of Water Quality - Permits Branch (317-233-0468) regarding the need for a National Pollutant Discharge Elimination System (NPDES) permit.
11. For projects involving the construction of wastewater facilities and sewer lines, contact the Office of Water Quality - Permits Branch (317-232-8675) regarding the need for permits.

AIR QUALITY

The above-noted project (see page 1) should be designed to minimize any impact on ambient air quality in, or near, the project area. The project must comply with all federal and state air pollution regulations. Consideration should be given to the following:

1. Regarding open burning, and disposing of organic debris generated by land clearing activities; some types of open burning are allowed under specific conditions (<http://www.in.gov/idem/4148.htm> (<http://www.in.gov/idem/4148.htm>)). You also can seek an open burning variance from IDEM.

IDEM generally recommends that you take vegetative wastes to a registered yard waste composting facility or that the waste be chipped or shredded with composting on-site. You must register with IDEM if more than 2,000 pounds is to be composted; contact 317-232-0066). The finished compost can then be used as a mulch or soil amendment. You also may bury any vegetative wastes (such as leaves, twigs, branches, limbs, tree trunks and stumps) on-site, although burying large quantities of such material can lead to subsidence problems.

2. Reasonable precautions must be taken to minimize fugitive dust emissions from construction and demolition activities. For example, wetting the area with water, constructing wind barriers, or treating dusty areas with chemical stabilizers (such as calcium chloride or several other commercial products). Dirt tracked onto paved roads from unpaved areas should be minimized.

If construction or demolition is conducted in a wooded area where blackbirds have roosted or abandoned buildings or building sections in which pigeons or bats have roosted for three to five years, precautionary measures should be taken to avoid an outbreak of histoplasmosis. This disease is caused by the fungus *Histoplasma capsulatum*, which stems from bird or bat droppings that have accumulated in one area for three to five years. The spores from this fungus become airborne when the area is disturbed and can cause infections over an entire community downwind of the site. The area should be wetted down prior to cleanup or demolition of the project site. For more detailed information on histoplasmosis prevention and control, please contact the Acute Disease Control Division of the Indiana State Department of Health at 317-233-7272.

3. The U.S. EPA and the U.S. Surgeon General recommend that people not have long-term exposure to radon at levels above 4 pCi/L. For a county-by-county map of predicted radon levels in Indiana , visit <http://www.in.gov/idem/4267.htm> (<http://www.in.gov/idem/4267.htm>).

The U.S. EPA further recommends that all homes and apartments (within three stories of ground level) be tested for radon. If in-home radon levels are determined to be 4 pCi/L or higher, then U.S. EPA recommends a follow-up test. If the second test confirms that radon levels are 4 pCi/L or higher, then U.S. EPA recommends the installation of radon-reduction measures. For a list of qualified radon testers and radon mitigation (or reduction) specialists, visit http://www.in.gov/isdh/regsvcs/radhealth/pdfs/radon_testers_mitigators_list.pdf

(http://www.in.gov/isdh/regsvcs/radhealth/pdfs/radon_testers_mitigators_list.pdf). Also, is recommended that

radon reduction measures be built into all new homes, particularly in areas like Indiana that have moderate to high predicted radon levels.

To learn more about radon, radon risks, and ways to reduce exposure, visit

<http://www.in.gov/isdh/regsvcs/radhealth/radon.htm> (<http://www.in.gov/isdh/regsvcs/radhealth/radon.htm>), <http://www.in.gov/idem/4145.htm> (<http://www.in.gov/idem/4145.htm>), or <http://www.epa.gov/radon/index.html> (<http://www.epa.gov/radon/index.html>).

4. With respect to asbestos removal, all facilities slated for renovation or demolition (except residential buildings that have four (4) or fewer dwelling units and which will not be used for commercial purposes) must be inspected by an Indiana-licensed asbestos inspector prior to the commencement of any renovation or demolition activities. If regulated asbestos-containing material (RACM) that may become airborne is found, any subsequent demolition, renovation, or asbestos removal activities must be performed in accordance with the proper notification and emission control requirements.

If no asbestos is found where a renovation activity will occur, or if the renovation involves removal of less than 260 linear feet of RACM off of pipes, less than 160 square feet of RACM off of other facility components, or less than 35 cubic feet of RACM off of all facility components, the owner or operator of the project does not need to notify IDEM before beginning the renovation activity.

For questions on asbestos demolition and renovation activities, you can also call IDEM's Lead/Asbestos section at 1-888-574-8150.

In all cases where a demolition activity will occur (even if no asbestos is found), the owner or operator must still notify IDEM 10 working days prior to the demolition, using the form found at www.in.gov/icpr/webfile/formsdiv/44593.pdf.

Anyone submitting a renovation/demolition notification form will be billed a notification fee based upon the amount of friable asbestos containing material to be removed or demolished. Projects that involve the removal of more than 2,600 linear feet of friable asbestos containing materials on pipes, or 1,600 square feet or 400 cubic feet of friable asbestos containing material on other facility components, will be billed a fee of \$150 per project; projects below these amounts will be billed a fee of \$50 per project. Billings will occur on a quarterly basis.

For more information about IDEM policy regarding asbestos removal and disposal, visit:

<http://www.in.gov/idem/4983.htm> (<http://www.in.gov/idem/4983.htm>).

5. With respect to lead-based paint removal, IDEM encourages all efforts to minimize human exposure to lead-based paint chips and dust. IDEM is particularly concerned that young children exposed to lead can suffer from learning disabilities. Although lead-based paint abatement efforts are not mandatory, any abatement that is conducted within housing built before January 1, 1978, or a child-occupied facility is required to comply with all lead-based paint work practice standards, licensing and notification requirements. For more information about lead-based paint removal, visit

<http://www.in.gov/idem/permits/guide/waste/leadabatement.html>
(<http://www.in.gov/idem/permits/guide/waste/leadabatement.html>).

6. Ensure that asphalt paving plants are permitted and operate properly. The use of cutback asphalt, or asphalt emulsion containing more than seven percent (7%) oil distillate, is prohibited during the months of April through October. See 326 IAC 8-5-2, Asphalt Paving Rule (<http://www.ai.org/legislative/iac/T03260/A00080.PDF> (<http://www.ai.org/legislative/iac/T03260/A00080.PDF>)).

7. If your project involves the construction of a new source of air emissions or the modification of an existing source of air emissions or air pollution control equipment, it will need to be reviewed by the IDEM Office of Air Quality (OAQ). A registration or permit may be required under 326 IAC 2 (www.ai.org/legislative/iac/t03260/a00020.pdf (<http://www.ai.org/legislative/iac/t03260/a00020.pdf>)). New sources that use or emit hazardous air pollutants may be subject to Section 112 of the Clean Air Act and corresponding state air regulations governing hazardous air pollutants.
8. For more information on air permits, visit <http://www.in.gov/idem/4223.htm> (<http://www.in.gov/idem/4223.htm>), or to initiate the IDEM air permitting process, please contact the Office of Air Quality Permit Reviewer of the Day at (317) 233-0178 or oamprod@idem.in.gov.

LAND QUALITY

In order to maintain compliance with all applicable laws regarding contamination and/or proper waste disposal, IDEM recommends that:

1. If the site is found to contain any areas used to dispose of solid or hazardous waste, you need to contact the Office of Land Quality (OLQ) at 317-308-3103.
2. All solid wastes generated by the project, or removed from the project site, need to be taken to a properly permitted solid waste processing or disposal facility. For more information, visit <http://www.in.gov/idem/4998.htm> (<http://www.in.gov/idem/4998.htm>).
3. If any contaminated soils are discovered during this project, they may be subject to disposal as hazardous waste. Please contact the OLQ at 317-308-3103 to obtain information on proper disposal procedures.
4. If Polychlorinated Biphenyls (PCBs) are found at this site, please contact the Industrial Waste Section of OLQ at 317-308-3103 for information regarding management of any PCB wastes from this site.
5. If there are any asbestos disposal issues related to this site, please contact the Industrial Waste Section of OLQ at 317-308-3103 for information regarding the management of asbestos wastes. (Asbestos removal is addressed above, under Air Quality.)
6. If the project involves the installation or removal of an underground storage tank, or involves contamination from an underground storage tank, you must contact the IDEM Underground Storage Tank program at 317-308-3039(<http://www.in.gov/idem/4999.htm> (<http://www.in.gov/idem/4999.htm>)).

FINAL REMARKS

Should the applicant need to obtain any environmental permits in association with this proposed project, please be mindful that IC 13-15-8 requires that they notify all adjoining property owners and/or occupants within ten days of your submittal of each permit application. Applicants seeking multiple permits, may still meet the notification requirement with a single notice if all required permit applications are submitted with the same ten day period.

Please note that this letter does not constitute a permit, license, endorsement, or any other form of approval on the part of either the Indiana Department of Environmental Management or any other Indiana state agency.

Should you have any questions relating to the content or recommendations of this letter, or if you have additional questions about whether a more complete environmental review of your project should be conducted, please feel free to contact Steve Howell at (317) 232-8587, snhowell@idem.in.gov.

Signature(s) of the Applicant

I acknowledge that I am seeking grant monies, a bond issuance, or other public funding mechanism to cover some portion of the cost of the public works, infrastructure, or community development project as described herein, which I am working (possibly with others) to complete.

Project Description

The City of Bloomington, in cooperation with the Indiana Department of Transportation (INDOT) and Federal Highway Administration (FHWA), intends to proceed with the aforementioned project in Monroe County. The proposed undertaking would take place within Bloomington Township as depicted on the USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West (see attached figures). The proposed undertaking involves extending the existing B-Line trail west and north of its current terminus to the intersection of Crescent Road and 17th Street, via the CSX Railroad, Fountain Drive, and Crescent Road in Monroe County, Indiana. The new trail segment would connect the B-Line Trail with a proposed multi-use path along 17th Street. As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would also be re-configured.

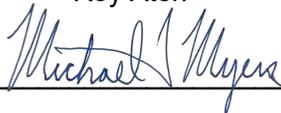
With my signature, I do hereby affirm that I have read the letter from the Indiana Department of Environmental Management that appears directly above. In addition, I understand that in order to complete the project in which I am interested, with a minimum impact to the environment, I must consider all the issues addressed in the aforementioned letter, and further, that I must obtain any required permits.

Dated Signature of the Public Owner
Contact/Responsible Elected Official



Roy Aten

Dated Signature of the Project
Planner/Consultant Contact Person



Mike Myers

From: [Baker, Mindy](#)
To: [Brynne Taylor](#)
Cc: [Dye, David](#)
Subject: RE: DES1700735, B-Line Trail Extension - Review of USFWS GIS Bat database
Date: Wednesday, January 15, 2020 11:00:38 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)

Brynne,

I have conducted a check of the USFWS confidential bat database for Des No. 1700735 and the results are stated below.

A review of the USFWS database did not indicate the presence of endangered bat species in or within 0.5 mile of the project area. Additional investigation to confirm the presence or absence of bats in or on any culverts, bridges or structures affected by the project will be necessary. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat will be completed according to the most recent "Using the USFWS's IPaC System for Listed Bat Consultation for INDOT Projects".

Also, although I am the contact for USFWS bat database checks, David Dye will be the contact for your IPAC review.

Mindy Baker

Environmental Manager

185 Agrico Lane
Seymour, IN 47274

Office: (812) 524-3746

Email: mbaker2@indot.in.gov



From: Dye, David
Sent: Tuesday, January 14, 2020 3:53 PM
To: Baker, Mindy <MBaker2@indot.IN.gov>
Subject: FW: DES1700735, B-Line Trail Extension - Review of USFWS GIS Bat database

From: Brynne Taylor [<mailto:BTaylor@aztec.us>]
Sent: Tuesday, January 14, 2020 3:41 PM
To: Dye, David <DDYE@indot.IN.gov>



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

Phone: (812) 334-4261 Fax: (812) 334-4273

<http://www.fws.gov/midwest/Endangered/section7/s7process/step1.html>

In Reply Refer To:

August 17, 2020

Consultation Code: 03E12000-2020-SLI-1792

Event Code: 03E12000-2020-E-09761

Project Name: B-Line Trail Extension and Multiuse Path (Des No. 1700735)

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the Service if they determine their project “may affect” listed species or critical habitat.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website <http://ecos.fws.gov/ipac/> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - <http://www.fws.gov/midwest/endangered/section7/s7process/index.html>. This website contains step-by-step instructions which will help you

determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

For all **wind energy projects** and **projects that include installing towers that use guy wires or are over 200 feet in height**, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*) and Migratory Bird Treaty Act (16 U.S.C. 703 *et seq.*), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at <http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html> to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

(812) 334-4261

Project Summary

Consultation Code: 03E12000-2020-SLI-1792

Event Code: 03E12000-2020-E-09761

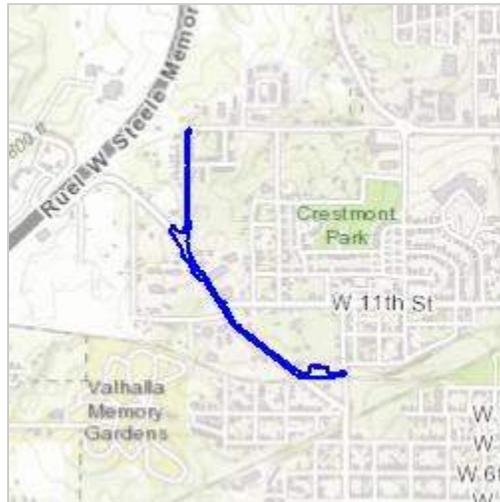
Project Name: B-Line Trail Extension and Multiuse Path (Des No. 1700735)

Project Type: ** OTHER **

Project Description: The project is located in northwest Bloomington, Monroe County, Indiana, and involves extending the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad right-of-way, Fountain Drive (Vernal Pike), and Crescent Road. The extension of the B-Line Trail would run parallel to and north of the Indiana Railroad from Adams Street to Fountain Drive and would have widths of 10–12 feet. A new multi-use path, with widths of 8–12 feet, would run north from the Indiana Railroad/Fountain Drive intersection along the east side of Fountain Drive and Crescent Road to 17th Street. The project involves realigning a section of Fountain Drive, and the intersection of Fountain Drive and Crescent Road. Excavation for the path is limited to near surface except in the southernmost portion of the project where a detention basin will be located north of the Indiana Railroad. Permanent lighting is anticipated along the trail north of the Indiana Railroad until the trail reaches Fountain Drive. There is potential for permanent lighting at the intersection of Fountain Drive and Crescent Road. No temporary lighting or night work is anticipated. No bridges or culverts are present in the project area. A review of the USFWS database did not indicate the presence of endangered bat species in or within 0.5 mile of the project area. Suitable summer habitat is present adjacent to the project limits, north of the Indiana Railroad between Fountain Drive and Adams Street, north of Fountain Drive, and east of Crescent Road. The project will require mitigation under the In-Lieu Fee Program. The In-Lieu Fee calculation for the project is: $0.14 \text{ acres} \times 1.5 \times \$10,762 = \$2,260.02$, using a 1.5 ratio. Tree removal 0 ft to 100 ft from the existing roadway is 0.82 acres. Tree removal 100 ft to 300 ft from the existing roadway is 0.14 acres. Total tree removal for the project is 0.96 acres. This project is located in a critical habitat and coordination occurred with USFWS on 7/31/20. Time of year tree clearing restrictions were adjusted so no tree clearing can occur from April 1 - November 14th. This is to allow fall swarming season to be concluded since this project is located within 10 miles of a hibernacula. Construction is anticipated to begin Summer or Fall 2021.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/39.174323938121525N86.5558676211767W>



Counties: Monroe, IN

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/1/office/31440.pdf	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ Incidental take of the NLEB is not prohibited here. Federal agencies may consult using the 4(d) rule streamlined process. Transportation projects may consult using the programmatic process. See www.fws.gov/midwest/endangered/mammals/nleb/index.html Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i>	Final

NAME

STATUS

<https://ecos.fws.gov/ecp/species/5949#crithab>

From: [Hinkle, Meghan](#)
To: [Brynne Taylor](#)
Cc: [Dye, David](#); [Miller, Brandon](#); [USA-AZT-INMUN-01716-000-BLine Extension and Multiuse Path](#); [Mike Myers](#); [Bowman, Sandra A](#)
Subject: RE: B-Line Trail Extension (Des. No. 1700735) IPaC Determination
Date: Wednesday, August 19, 2020 1:08:23 PM
Attachments: [image002.png](#)
[image004.png](#)
[image005.png](#)
[signed INFO response B-Line Trail Extension and Multiuse Path \(Des No. 1700735\) 8-19-20 \(1\).pdf](#)

Good Afternoon,

Attached is the response from USFWS concurring with the *Likely to Adversely Affect* determination for impacts to the Indiana bat and northern long-eared bat. This concludes the Section 7 coordination with USFWS for this project.

Please note:

- If the scope of the project, or tree clearing amounts change from this coordination, re-coordination will need to occur with INDOT and potentially USFWS.
- \$2,260.02 will need to be paid to The Conservation Fund's In Lieu Fee. This payment will need to be in process by Ready for Contracts date.
- Include the following firm commitments in the environmental document based on the response from USFWS in this letter:
 - Contractors must take care when handling dead or injured bats (regardless of species), and any other federally listed species that are found at the Project site in order to preserve biological material in the best possible condition and protect the handler from exposure to diseases, such as rabies. Project personnel are responsible for ensuring that any evidence about determining the cause of death or injury is not unnecessarily disturbed. Reporting the discovery of dead or injured listed species is required in all cases to enable the Service to determine whether the level of incidental take exempted by the BO is exceeded, and to ensure that the terms and conditions are appropriate and effective. Parties finding a dead, injured, or sick specimen of any bat (regardless of species), or other endangered or threatened species, must promptly notify the USFWS Bloomington Field Office at (812) 334-4261. (USFWS)
 - A "Reinitiation Notice" is required if: more than (amount) acre of trees are to be cleared; the amount or extent of incidental take of Indiana bat is exceeded; new information about listed species is encountered; new species is listed or critical habitat designated that the project may affect; the project is modified in a manner that causes an effect to the listed species; or, new information reveals that the project may affect listed species or critical habitat in a manner not considered in the BO or the project information. (USFWS)
 - The INDOT Project Manager will assure that (amount) of Preliminary Engineering funds will be allocated to the Rangewide In-Lieu Fee Program, administered by The Conservation Fund, to resolve formal consultation under the Rangewide Programmatic ((amount) acre X (mitigation ratio) x \$10,762 = (amount)). Payment shall be in process at Ready for Contracts (RFC) date. (INDOT-ESD, USFWS)
- Refer to the standard language document located on the INDOT Environmental Policy website

for the appropriate discussion to include in the CE discussion box.

Let me know if you have any questions.

Thanks,

Meghan Hinkle
Major Projects / LPA Review Liaison
Environmental Services Division
Indiana Department of Transportation
100 N Senate Ave N642-ES
Indianapolis, IN 46204-2216
317-232-1490
Email: MHinkle@indot.IN.gov



From: Brynne Taylor <BTaylor@aztec.us>
Sent: Tuesday, August 18, 2020 8:43 AM
To: Hinkle, Meghan <MHinkle@indot.IN.gov>
Cc: Dye, David <DDYE@indot.IN.gov>; Miller, Brandon <BrMiller1@indot.IN.gov>; USA-AZT-INMUN-01716-000-BLine_Extension_and_Multiuse_Path <USA-AZT-INMUN-01716-000@aztec.us>; Mike Myers <MMyers@aztec.us>
Subject: RE: B-Line Trail Extension (Des. No. 1700735) IPaC Determination

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Meghan,

Excellent! Thank you for reviewing this so quickly.

Best,

Brynne Taylor
Environmental Planner

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: **812.369.9744** | BTaylor@aztec.us



aztec.us/follow-us

From: Hinkle, Meghan <MHinkle@indot.IN.gov>
Sent: Tuesday, August 18, 2020 7:46 AM
To: Brynne Taylor <BTaylor@aztec.us>
Cc: Dye, David <DDYE@indot.IN.gov>; Miller, Brandon <BraMiller1@indot.IN.gov>; USA-AZT-INMUN-01716-000-BLine_Extension_and_Multiuse_Path <USA-AZT-INMUN-01716-000@aztec.us>
Subject: RE: B-Line Trail Extension (Des. No. 1700735) IPaC Determination

Good Morning,

INDOT has reviewed this IPaC submittal and it has been sent to USFWS for their review. USFWS receives a 30-day review and they will respond with a concurrence letter. Once I receive the letter I will forward it to you.

Thanks,

Meghan Hinkle
Major Projects / LPA Review Liaison
Environmental Services Division
Indiana Department of Transportation
100 N Senate Ave N642-ES
Indianapolis, IN 46204-2216
317-232-1490
Email: MHinkle@indot.IN.gov



From: Brynne Taylor <BTaylor@aztec.us>
Sent: Monday, August 17, 2020 3:48 PM
To: Hinkle, Meghan <MHinkle@indot.IN.gov>
Cc: Dye, David <DDYE@indot.IN.gov>; Miller, Brandon <BraMiller1@indot.IN.gov>; USA-AZT-INMUN-01716-000-BLine_Extension_and_Multiuse_Path <USA-AZT-INMUN-01716-000@aztec.us>
Subject: RE: B-Line Trail Extension (Des. No. 1700735) IPaC Determination

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Hi Meghan,

I've updated the project description per your comments, and generated a new consistency letter. It is now ready for your review.

Thank you!
Brynne Taylor
Environmental Planner



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

Phone: (812) 334-4261 Fax: (812) 334-4273

<http://www.fws.gov/midwest/Endangered/section7/s7process/step1.html>

IPaC Record Locator: 610-22007244

August 17, 2020

Subject: Consistency letter for the 'B-Line Trail Extension and Multiuse Path (Des No. 1700735)' project (TAILS 03E12000-2020-R-1792) under the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat.

To whom it may concern:

The U.S. Fish and Wildlife Service (Service) has received your request to verify that the **B-Line Trail Extension and Multiuse Path (Des No. 1700735)** (Proposed Action) may rely on the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (PBO) to satisfy requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 *et seq.*).

Based on the information you provided (Project Description shown below), you have determined that the Proposed Action is within the scope and adheres to the criteria of the PBO, including the adoption of applicable avoidance and minimization measures, and may affect, and is likely to adversely affect the endangered Indiana bat (*Myotis sodalis*) and/or the threatened Northern long-eared bat (*Myotis septentrionalis*). Consultation with the Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) is required.

This "may affect - likely to adversely affect" determination becomes effective when the lead Federal action agency or designated non-federal representative requests the Service rely on the PBO to satisfy the agency's consultation requirements for this project. Please provide this consistency letter to the lead Federal action agency or its designated non-federal representative for review, and as the agency deems appropriate, transmit to this Service Office for verification that the project is consistent with the PBO.

This Service Office will respond by letter to the requesting Federal action agency or designated non-federal representative within 30 calendar days to:

- verify that the Proposed Action is consistent with the scope of actions covered under the PBO;
- verify that all applicable avoidance, minimization, and compensation measures are included in the action proposal;
- identify any action-specific monitoring and reporting requirements, consistent with the monitoring and reporting requirements of the PBO, and
- identify anticipated incidental take.

ESA Section 7 compliance for this Proposed Action is not complete until the Federal action agency or its designated non-federal representative receives a verification letter from the Service.

For Proposed Actions that include bridge/structure removal, replacement, and/or maintenance activities: If your initial bridge/structure assessments failed to detect Indiana bats, but you later detect bats during construction, please submit the Post Assessment Discovery of Bats at Bridge/Structure Form (User Guide Appendix E) to this Service Office. In these instances, potential incidental take of Indiana bats may be exempted provided that the take is reported to the Service.

If the Proposed Action may affect any other federally-listed or proposed species and/or designated critical habitat, additional consultation between the lead Federal action agency and this Service Office is required. If the proposed action has the potential to take bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act may also be required. In either of these circumstances, please advise the lead Federal action agency accordingly.

Project Description

The following project name and description was collected in IPaC as part of the endangered species review process.

Name

B-Line Trail Extension and Multiuse Path (Des No. 1700735)

Description

The project is located in northwest Bloomington, Monroe County, Indiana, and involves extending the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad right-of-way, Fountain Drive (Vernal Pike), and Crescent Road. The extension of the B-Line Trail would run parallel to and north of the Indiana Railroad from Adams Street to Fountain Drive and would have widths of 10–12 feet. A new multi-use path, with widths of 8–12 feet, would run north from the Indiana Railroad/Fountain Drive intersection along the east side of Fountain Drive and Crescent Road to 17th Street. The project involves realigning a section of Fountain Drive, and the intersection of Fountain Drive and Crescent Road. Excavation for the path is limited to near surface except in the southernmost portion of the project where a detention basin will be located north of the Indiana Railroad. Permanent lighting is anticipated along the trail north of the Indiana Railroad until the trail reaches Fountain Drive. There is potential for permanent lighting at the intersection of Fountain Drive and Crescent Road. No temporary lighting or night work is anticipated. No bridges or culverts are present in the project area. A review of the USFWS database did not indicate the presence of endangered bat species in or within 0.5 mile of the project area. Suitable summer habitat is present adjacent to the project limits, north of the Indiana Railroad between Fountain Drive and Adams Street, north of Fountain Drive, and east of Crescent Road. The project will require mitigation under the In-Lieu Fee Program. The In-Lieu Fee calculation for the project is: $0.14 \text{ acres} \times 1.5 \times \$10,762 = \$2,260.02$, using a 1.5 ratio. Tree removal 0 ft to 100 ft from the existing roadway is 0.82 acres. Tree removal 100 ft to 300 ft from the existing roadway is 0.14 acres. Total tree removal for the project is 0.96 acres. This project is located in a critical habitat and coordination occurred with USFWS on 7/31/20. Time of year tree clearing restrictions were adjusted so no tree clearing can occur from April 1 - November 14th. This is to allow fall swarming season to be concluded since this project is located within 10 miles of a hibernacula. Construction is anticipated to begin Summer or Fall 2021.

Determination Key Result

Based on your answers provided, this project is likely to adversely affect the endangered Indiana bat and/or the threatened Northern long-eared bat. Therefore, consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required. However, also based on your answers provided, this project may rely on the conclusion and Incidental Take Statement provided in the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat.

Qualification Interview

1. Is the project within the range of the Indiana bat^[1]?

[1] See [Indiana bat species profile](#)

Automatically answered

Yes

2. Is the project within the range of the Northern long-eared bat^[1]?

[1] See [Northern long-eared bat species profile](#)

Automatically answered

Yes

3. Which Federal Agency is the lead for the action?

A) Federal Highway Administration (FHWA)

4. Are *all* project activities limited to non-construction^[1] activities only? (examples of non-construction activities include: bridge/abandoned structure assessments, surveys, planning and technical studies, property inspections, and property sales)

[1] Construction refers to activities involving ground disturbance, percussive noise, and/or lighting.

No

5. Does the project include *any* activities that are **greater than** 300 feet from existing road/rail surfaces^[1]?

[1] Road surface is defined as the actively used [e.g. motorized vehicles] driving surface and shoulders [may be pavement, gravel, etc.] and rail surface is defined as the edge of the actively used rail ballast.

No

6. Does the project include *any* activities **within** 0.5 miles of a known Indiana bat and/or NLEB hibernaculum^[1]?

[1] For the purpose of this consultation, a hibernaculum is a site, most often a cave or mine, where bats hibernate during the winter (see suitable habitat), but could also include bridges and structures if bats are found to be hibernating there during the winter.

No

7. Is the project located **within** a karst area?

Yes

8. Will the project include *any* type of activity that could impact a **known** hibernaculum^[1], or impact a karst feature (e.g., sinkhole, losing stream, or spring) that could result in effects to a **known** hibernaculum?

[1] For the purpose of this consultation, a hibernaculum is a site, most often a cave or mine, where bats hibernate during the winter (see suitable habitat), but could also include bridges and structures if bats are found to be hibernating there during the winter.

No

9. Is there *any* suitable^[1] summer habitat for Indiana Bat or NLEB **within** the project action area^[2]? (includes any trees suitable for maternity, roosting, foraging, or travelling habitat)

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

[2] The action area is defined as all areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action (50 CFR Section 402.02). Further clarification is provided by the [national consultation FAQs](#).

Yes

10. Will the project remove *any* suitable summer habitat^[1] and/or remove/trim any existing trees **within** suitable summer habitat?

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

Yes

11. Will the project clear more than 20 acres of suitable habitat per 5-mile section of road/rail?

No

12. Have presence/probable absence (P/A) summer surveys^{[1][2]} been conducted^{[3][4]} **within** the suitable habitat located within your project action area?

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

[2] Presence/probable absence summer surveys conducted within the fall swarming/spring emergence home range of a documented Indiana bat hibernaculum (contact local Service Field Office for appropriate distance from hibernacula) that result in a negative finding requires additional consultation with the local Service Field Office to determine if clearing of forested habitat is appropriate and/or if seasonal clearing restrictions are needed to avoid and minimize potential adverse effects on fall swarming and spring emerging Indiana bats.

[3] For projects within the range of either the Indiana bat or NLEB in which suitable habitat is present, and no bat surveys have been conducted, the transportation agency will assume presence of the appropriate species. This assumption of presence should be based upon the presence of suitable habitat and the capability of bats to occupy it because of their mobility.

[4] Negative presence/probable absence survey results obtained using the [summer survey guidance](#) are valid for a minimum of two years from the completion of the survey unless new information (e.g., other nearby surveys) suggest otherwise.

No

13. Does the project include activities **within documented Indiana bat habitat**^{[1][2]}?

[1] Documented roosting or foraging habitat – for the purposes of this consultation, we are considering documented habitat as that where Indiana bats and/or NLEB have actually been captured and tracked using (1) radio telemetry to roosts; (2) radio telemetry triangulation/triangulation to estimate foraging areas; or (3) foraging areas with repeated use documented using acoustics. Documented roosting habitat is also considered as suitable summer habitat within 0.25 miles of documented roosts.)

[2] For the purposes of this key, we are considering documented corridors as that where Indiana bats and/or NLEB have actually been captured and tracked to using (1) radio telemetry; or (2) treed corridors located directly between documented roosting and foraging habitat.

No

14. Will the removal or trimming of habitat or trees occur **within** suitable but **undocumented Indiana bat** roosting/foraging habitat or travel corridors?

Yes

15. What time of year will the removal or trimming of habitat or trees **within** suitable but **undocumented Indiana bat** roosting/foraging habitat or travel corridors occur^[1]?

[1] Coordinate with the local Service Field Office for appropriate dates.

B) During the inactive season

16. Does the project include activities **within documented NLEB habitat**^{[1][2]}?

[1] Documented roosting or foraging habitat – for the purposes of this consultation, we are considering documented habitat as that where Indiana bats and/or NLEB have actually been captured and tracked using (1) radio telemetry to roosts; (2) radio telemetry biangulation/triangulation to estimate foraging areas; or (3) foraging areas with repeated use documented using acoustics. Documented roosting habitat is also considered as suitable summer habitat within 0.25 miles of documented roosts.)

[2] For the purposes of this key, we are considering documented corridors as that where Indiana bats and/or NLEB have actually been captured and tracked to using (1) radio telemetry; or (2) treed corridors located directly between documented roosting and foraging habitat.

No

17. Will the removal or trimming of habitat or trees occur **within** suitable but **undocumented NLEB** roosting/foraging habitat or travel corridors?

Yes

18. What time of year will the removal or trimming of habitat or trees **within** suitable but **undocumented NLEB** roosting/foraging habitat or travel corridors occur?

B) During the inactive season

19. Will *any* tree trimming or removal occur **within** 100 feet of existing road/rail surfaces?

Yes

20. Will *any* tree trimming or removal occur **between** 100-300 feet of existing road/rail surfaces?

Yes

21. Are *all* trees that are being removed clearly demarcated?

Yes

22. Will the removal of habitat or the removal/trimming of trees include installing new or replacing existing **permanent** lighting?

Yes

23. Does the project include wetland or stream protection activities associated with compensatory wetland mitigation?
No
24. Does the project include slash pile burning?
No
25. Does the project include *any* bridge removal, replacement, and/or maintenance activities (e.g., any bridge repair, retrofit, maintenance, and/or rehabilitation work)?
No
26. Does the project include the removal, replacement, and/or maintenance of *any* structure other than a bridge? (e.g., rest areas, offices, sheds, outbuildings, barns, parking garages, etc.)
No
27. Will the project involve the use of **temporary** lighting *during* the active season?
No
28. Will the project install *any* new or replace any existing **permanent** lighting in addition to the lighting already indicated for habitat removal (including the removal or trimming of trees) or bridge/structure removal, replacement or maintenance activities?
Yes
29. Is there *any* suitable habitat **within** 1,000 feet of the location(s) where **permanent** lighting (other than the lighting already indicated for habitat removal (including the removal or trimming of trees) or bridge/structure removal, replacement or maintenance activities) will be installed or replaced?
Yes
30. Does the project include percussives or other activities (**not including tree removal/trimming or bridge/structure work**) that will increase noise levels above existing traffic/background levels?
No

31. Are *all* project activities that are **not associated with** habitat removal, tree removal/trimming, bridge and/or structure activities, temporary or permanent lighting, or use of percussives, limited to actions that DO NOT cause any additional stressors to the bat species?

Examples: lining roadways, unlighted signage , rail road crossing signals, signal lighting, and minor road repair such as asphalt fill of potholes, etc.

Yes

32. Will the project raise the road profile **above the tree canopy**?

No

33. Are the project activities that are not associated with habitat removal, tree removal/trimming, bridge and/or structure activities, temporary or permanent lighting, or use of percussives consistent with a No Effect determination in this key?

Automatically answered

Yes, other project activities are limited to actions that DO NOT cause any additional stressors to the bat species as described in the BA/BO

34. Is the habitat removal portion of this project consistent with a Not Likely to Adversely Affect determination in this key?

Automatically answered

Yes, because the tree removal/trimming that occurs outside of the Indiana bat's active season occurs greater than 0.5 miles from the nearest hibernaculum, is less than 100 feet from the existing road/rail surface, includes clear demarcation of the trees that are to be removed, and does not alter documented roosts and/or surrounding summer habitat within 0.25 miles of a documented roost.

35. Is the habitat removal portion of this project consistent with a Likely to Adversely Affect determination in this key?

Automatically answered

Yes, because the tree removal that occurs outside the Indiana bat's active season is 100-300 feet from the existing road/rail surface, and is not in documented roosting/foraging habitat or travel corridors.

36. Is the habitat removal portion of this project consistent with a Not Likely to Adversely Affect determination in this key?

Automatically answered

Yes, because the tree removal/trimming that occurs outside of the NLEB's active season occurs greater than 0.5 miles from the nearest hibernaculum, is less than 100 feet from the existing road/rail surface, includes clear demarcation of the trees that are to be removed, and does not alter documented roosts and/or surrounding summer habitat within 0.25 miles of a documented roost.

37. Is the habitat removal portion of this project consistent with a Likely to Adversely Affect determination in this key?

Automatically answered

Yes, because the tree removal that occurs outside the NLEB's active season is 100-300 feet from the existing road/rail surface, and is not in documented roosting/foraging habitat or travel corridors.

38. **General AMM 1**

Will the project ensure *all* operators, employees, and contractors working in areas of known or presumed bat habitat are aware of *all* FHWA/FRA/FTA (Transportation Agencies) environmental commitments, including all applicable Avoidance and Minimization Measures?

Yes

39. **Hibernacula AMM 1**

Will the project ensure that on-site personnel will use best management practices^[1], secondary containment measures, or other standard spill prevention and countermeasures to avoid impacts to possible hibernacula?

[1] Coordinate with the appropriate Service Field Office on recommended best management practices for karst in your state.

Yes

40. **Hibernacula AMM 1**

Will the project ensure that, where practicable, a 300 foot buffer will be employed to separate fueling areas and other major containment risk activities from caves, sinkholes, losing streams, and springs in karst topography?

Yes

41. **Tree Removal AMM 1**

Can *all* phases/aspects of the project (e.g., temporary work areas, alignments) be modified, to the extent practicable, to avoid tree removal^[1] in excess of what is required to implement the project safely?

Note: Tree Removal AMM 1 is a minimization measure, the full implementation of which may not always be practicable. Projects may still be NLAA as long as Tree Removal AMMs 2, 3, and 4 are implemented and LAA as long as Tree Removal AMMs 3, 5, 6, and 7 are implemented.

[1] The word "trees" as used in the AMMs refers to trees that are suitable habitat for each species within their range. See the USFWS' current summer survey guidance for our latest definitions of suitable habitat.

Yes

42. **Tree Removal AMM 3**

Can tree removal be limited to that specified in project plans and ensure that contractors understand clearing limits and how they are marked in the field (e.g., install bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits)?

Yes

43. **Lighting AMM 2**

Does the lead agency use the BUG (Backlight, Uplight, and Glare) system developed by the Illuminating Engineering Society^{[1][2]} to rate the amount of light emitted in unwanted directions?

[1] Refer to [Fundamentals of Lighting - BUG Ratings](#)

[2] Refer to [The BUG System—A New Way To Control Stray Light](#)

No

44. **Lighting AMM 2**

Will *all* **permanent** lighting used during removal of suitable habitat and/or the removal/trimming of trees within suitable habitat use downward-facing, full cut-off^[1] lens lights (with same intensity or less for replacement lighting)?

[1] Refer to [Luminaire classification for controlling stray light](#)

Yes

45. **Lighting AMM 2**

Will *all* **permanent** lighting used during removal of suitable habitat and/or the removal/trimming of trees within suitable habitat be directed away from *all* areas with suitable habitat?

Yes

46. **Lighting AMM 2**

Does the lead agency use the BUG (Backlight, Uplight, and Glare) system developed by the Illuminating Engineering Society^{[1][2]} to rate the amount of light emitted in unwanted directions?

[1] Refer to [Fundamentals of Lighting - BUG Ratings](#)

[2] Refer to [The BUG System—A New Way To Control Stray Light](#)

No

47. **Lighting AMM 2**

Will *all* **permanent** lighting (other than any lighting already indicated for tree clearing or bridge/structure removal, replacement or maintenance activities) use downward-facing, full cut-off^[1] lens lights (with same intensity or less for replacement lighting)?

[1] Refer to [Luminaire classification for controlling stray light](#)

Yes

48. **Lighting AMM 2**

Will the **permanent** lighting (other than any lighting already indicated for tree clearing or bridge/structure removal, replacement or maintenance activities) be directed away from *all* areas with suitable habitat?

Yes

49. For Indiana bat, if applicable, compensatory mitigation measures are required to offset adverse effects on the species (see Section 2.10 of the BA). Please select the mechanism in which compensatory mitigation will be implemented:

1. *Range-wide In Lieu Fee Program, The Conservation Fund*

Project Questionnaire

1. Have you made a No Effect determination for *all* other species indicated on the FWS IPaC generated species list?

N/A

2. Have you made a May Affect determination for *any* other species on the FWS IPaC generated species list?

N/A

3. How many acres^[1] of trees are proposed for removal between 0-100 feet of the existing road/rail surface?

[1] If described as number of trees, multiply by 0.09 to convert to acreage and enter that number.

0.82

4. How many acres^[1] of trees are proposed for removal between 100-300 feet of the existing road/rail surface?

[1] If described as number of trees, multiply by 0.09 to convert to acreage and enter that number.

0.14

5. **Please verify:**

All tree removal will occur greater than 0.5 mile from any hibernaculum.

Yes, I verify that all tree removal will occur greater than 0.5 miles from any hibernaculum.

6. Is the project location 0-100 feet from the edge of existing road/rail surface?

Yes

7. Is the project location 100-300 feet from the edge of existing road/rail surface?

Yes

8. **Please verify:**

No documented Indiana bat roosts or surrounding summer habitat within 0.25 mile of documented roosts will be impacted between May 1 and July 31.

Yes, I verify that no documented Indiana bat roosts or surrounding summer habitat within 0.25 mile of documented roosts will be impacted during this period.

9. **Please verify:**

No documented NLEB roosts or surrounding summer habitat within 150 feet of documented roosts will be impacted between June 1 and July 31.

Yes, I verify that no documented NLEB roosts or surrounding summer habitat within 150 feet of documented roosts will be impacted during this period.

10. You have indicated that the following Avoidance and Minimization Measures (AMMs) will be implemented as part of the proposed project:

- *General AMM 1*
- *Hibernacula AMM 1*
- *Lighting AMM 2*
- *Tree Removal AMM 1*
- *Tree Removal AMM 3*

Avoidance And Minimization Measures (AMMs)

This determination key result includes the commitment to implement the following Avoidance and Minimization Measures (AMMs):

GENERAL AMM 1

Ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all FHWA/FRA/FTA (Transportation Agencies) environmental commitments, including all applicable AMMs.

HIBERNACULA AMM 1

For projects located within karst areas, on-site personnel will use best management practices, secondary containment measures, or other standard spill prevention and countermeasures to avoid impacts to possible hibernacula. Where practicable, a 300 foot buffer will be employed to separate fueling areas and other major containment risk activities from caves, sinkholes, losing streams, and springs in karst topography.

LIGHTING AMM 2

When installing new or replacing existing permanent lights, use downward-facing, full cut-off lens lights (with same intensity or less for replacement lighting); or for those transportation agencies using the BUG system developed by the Illuminating Engineering Society, be as close to 0 for all three ratings with a priority of "uplight" of 0 and "backlight" as low as practicable.

TREE REMOVAL AMM 1

Modify all phases/aspects of the project (e.g., temporary work areas, alignments) to avoid tree removal.

TREE REMOVAL AMM 3

Ensure tree removal is limited to that specified in project plans and ensure that contractors understand clearing limits and how they are marked in the field (e.g., install bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits).

Determination Key Description: FHWA, FRA, FTA Programmatic Consultation For Transportation Projects Affecting NLEB Or Indiana Bat

This key was last updated in IPaC on December 02, 2019. Keys are subject to periodic revision.

This decision key is intended for projects/activities funded or authorized by the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and/or Federal Transit Administration (FTA), which may require consultation with the U.S. Fish and Wildlife Service (Service) under Section 7 of the Endangered Species Act (ESA) for the endangered **Indiana bat** (*Myotis sodalis*) and the threatened **Northern long-eared bat** (NLEB) (*Myotis septentrionalis*).

This decision key should only be used to verify project applicability with the Service's [February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects](#). The programmatic biological opinion covers limited transportation activities that may affect either bat species, and addresses situations that are both likely and not likely to adversely affect either bat species. This decision key will assist in identifying the effect of a specific project/activity and applicability of the programmatic consultation. The programmatic biological opinion is not intended to cover all types of transportation actions. Activities outside the scope of the programmatic biological opinion, or that may affect ESA-listed species other than the Indiana bat or NLEB, or any designated critical habitat, may require additional ESA Section 7 consultation.



United States Department of the Interior Fish and Wildlife Service



Indiana Field Office (ES)
620 South Walker Street
Bloomington, IN 47403-2121
Phone: (812) 334-4261 Fax: (812) 334-4273

August 19, 2020

Karstin Carmany-George
Federal Highway Administration
575 N. Pennsylvania St. Room 254
Indianapolis, Indiana 46204
(sent via email)

TAILS: 03E12000-2020-SLI-1792

RE: B-Line Trail Extension and Multiuse Path (Des No. 1700735), Monroe County

Dear Ms. Carmany-George:

The U.S. Fish and Wildlife Service (Service) is responding to your request dated August 17, 2020 to verify that the proposed B-Line Trail Extension and Multiuse Path (the Project) may rely on the February 5, 2018, Programmatic Biological Opinion (BO) for federally funded or approved transportation projects that may affect the federally listed endangered Indiana bat (*Myotis sodalis*) and/or federally listed threatened northern long-eared bat (NLEB) (*Myotis septentrionalis*). We received your request and the associated LAA Consistency Letter on August 18, 2020.

This letter provides the Service's response as to whether the Federal Highway Administration may rely on the BO to comply with Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) for the Project's effects to the Indiana bat and/or NLEB.

The Federal Highway Administration has determined that the Project is *likely to adversely affect* the Indiana bat and/or the NLEB.

Conclusion

The Service has reviewed the effects of the proposed Project, which includes the Federal Highway Administration's commitment to implement any applicable mitigation measures as indicated on the LAA Consistency Letter. We confirm that the proposed Project's effects are consistent with those analyzed in the BO. The Service has determined that projects consistent with the conservation measures and scope of the program analyzed in the BO are not likely to

jeopardize the continued existence of the Indiana bat and/or the NLEB. In coordination with your agency and the other sponsoring Federal Transportation Agencies, the Service will reevaluate this conclusion annually in light of any new pertinent information under the adaptive management provisions of the BO.

Incidental Take

Indiana Bat

The Service anticipates that tree removal associated with the proposed Project will cause incidental take of Indiana bats. As described in the Incidental Take Statement (ITS) of the BO, such taking will be difficult to detect. The Service determined that it is appropriate to measure the amount or extent of incidental taking resulting from BO projects using the proposed acreage of tree removal from Indiana bat suitable habitat as a surrogate for the numbers of individuals taken.

The proposed Project will remove **0.96 acre(s)** of trees from habitat that is suitable for the Indiana bat. All tree removal will occur in winter (November 15 – March 30) and comply with all other conservation measures in the BO. Based on the BO, **0.82 acre(s)** of the removal are not anticipated to result in any adverse effects, and **0.14 acre(s)** are anticipated to result in adverse effects.

The Federal Highway Administration uses the mitigation ratio of **1.5** from Table 3 of the BO¹ to calculate the compensatory mitigation required to offset these adverse impacts for a total of **0.21 acres²** of trees that is suitable for the Indiana bat.

Based on the mitigation identified above² and the information provided in Table 2 of Exhibit E in The Conservation Fund's (TCF) In Lieu Fee (ILF) Instrument³, the Federal Highway Administration will contribute **\$2,260.02** to TCF prior to the start of construction in order to comply with the mitigation requirements of the program of transportation projects reviewed in the BO. These calculations are based on the 2019-2020 Land Use Values in Table 2 of Exhibit E in TCF's ILF Instrument, which are applicable even if the project construction should occur in a different calendar year. At the time of payment, the Federal Highway Administration or designated non-federal representative shall notify the Service of compliance with the compensatory mitigation requirements as described above.

The purchase of species conservation credits and/or in-lieu fee contributions shall occur prior to construction of a transportation project covered under this programmatic consultation. Exceptions to this program stipulation include emergency projects that do not require a letting prior to construction. In these cases, purchase of credits and/or in-lieu fee contributions shall occur within three months of completion of the project. This timeframe allows for measuring the acres of habitat affected by the emergency project and for financial processing.

¹ https://www.fws.gov/midwest/endangered/section7/fhwa/pdf/IBAT_ILF_ratios_transportation_agencies.pdf

² XX acres * XX ratio

³ https://www.fws.gov/midwest/endangered/section7/fhwa/pdf/IBAT_ExhibitE_Table2_FeeSchedule_LandValues.pdf

In addition (if applicable), the Project may take up to 5 Indiana bats that were not detected during bridge/culvert bat assessments conducted prior to implementing the proposed work on the various structures. In these instances, potential incidental take of Indiana bats may be exempted provided that the take is reported to the Service (refer to User Guide Appendix E - Post Assessment Discovery of Bats at Bridge/Structure Form). Although such take is reasonably certain to occur at up to 10 bridge projects per year as included in the scope of the BO, it is a remote possibility for any individual project that is implemented consistent with the conservation measures of the BO.

The Service will add the acreage of Project-related tree removal to the annual total acreage attributed to the BO as a surrogate measure of Indiana bat incidental take and exempted from the prohibitions of Section 9 of the ESA. Such exemption is effective as long as your agency implements the reasonable and prudent measure (RPM) and accompanying terms and conditions of the BO's ITS.

The sole RPM of the BO's ITS requires the Federal Transportation Agencies to ensure that State/Local transportation agencies, who choose to include eligible projects under the programmatic action, incorporate all applicable conservation measures in the project proposals submitted to the Service for ESA section 7 compliance using the BO. The implementing terms and conditions for this RPM require the Federal Transportation Agencies to offer training to appropriate personnel about using the BO, and promptly report sick, injured, or dead bats (regardless of species) or any other federally listed species located in project action areas.

Northern Long-eared Bat

The Service anticipates that tree removal associated with the Project will cause incidental take of NLEBs. However, the Project is consistent with the BO, and such projects will not cause take of NLEB that is prohibited under the ESA section 4(d) rule for this species (50 CFR §17.40(o)). Therefore, the incidental take of NLEBs resulting from the Project does not require exemption from the Service.

Reporting Dead or Injured Bats

The Federal Highway Administration, its State/Local cooperators, and any contractors must take care when handling dead or injured Indiana bats and/or NLEBs, or any other federally listed species that are found at the Project site to preserve biological material in the best possible condition and to protect the handler from exposure to diseases, such as rabies. Project personnel are responsible for ensuring that any evidence about determining the cause of death or injury is not unnecessarily disturbed. Reporting the discovery of dead or injured listed species is required in all cases to enable the Service to determine whether the level of incidental take exempted by this BO is exceeded, and to ensure that the terms and conditions are appropriate and effective. Parties finding a dead, injured, or sick specimen of any endangered or threatened species must promptly notify this Service Office.

Reinitiation Notice

This letter concludes consultation for the Project, which qualifies for inclusion in the BO issued to the Federal Transportation Agencies. To maintain this inclusion, a reinitiation of this Project-level consultation is required where the Federal Highway Administration discretionary involvement or control over the Project has been retained (or is authorized by law) and if:

1. the amount or extent of incidental take of Indiana bat is exceeded;
2. new information reveals that the Project may affect listed species or critical habitat in a manner or to an extent not considered in the BO;
3. the Project is subsequently modified in a manner that causes an effect to listed species or designated critical habitat not considered in the BO; or
4. a new species is listed or critical habitat designated that the Project may affect.

Per condition #1 above, the anticipated incidental take is exceeded when:

- the Project removes trees of more than **0.14 acre(s)** of habitat suitable between 100 and 300 feet from the edge of pavement) for the Indiana bat; or
- the Project takes more than 5 Indiana bats resulting from work on the bridge/structure.

In instances where the amount or extent of incidental take is exceeded, the Federal Highway Administration is required to immediately request a reinitiation of this Project-level consultation.

We appreciate your continued efforts to ensure that this Project is fully consistent with all applicable provisions of the BO. If you have any questions regarding our response or if you need additional information, please contact Robin McWilliams Munson at 812-334-4261 or Robin_Mcwilliams@fws.gov.

Sincerely,

SCOTT PRUITT Digitally signed by SCOTT PRUITT
Date: 2020.08.19 11:51:25 -04'00'

Scott Pruitt
Field Supervisor

Cc: (via email)
Meghan Hinkle, INDOT, Indianapolis, IN
David Dye, INDOT, Indianapolis, IN
Mike Myers, Aztec Engineering, Phoenix, AZ
Ibat ILF coordinator – to be sent by INDOT at later date

Categorical Exclusion

Appendix D

**Section 106 of the National Historic
Preservation Act (NHPA)**

From: [Brynne Taylor](#)
To: central@indianalandmarks.org; bri@bloomingtonrestorations.org
Cc: [Kelly, Clint](#); [Miller, Shaun \(INDOT\)](#); [Branigin, Susan](#); [Ross, Anthony](#); [USA-AZT-INMUN-01716-000-BLine Extension and Multiuse Path](#); [Metcalf, Karlei A](#)
Subject: FHWA Project: Des. No. 1700735 and DHPA No. 24393; Finding/800.11, B-Line Trail Extension, Monroe County, IN
Date: Wednesday, March 24, 2021 2:01:00 PM
Attachments: [image001.png](#)
[B-LineTrailExtension_Des1700735_Finding.800.11_DistributionLetter_2021-03-24.pdf](#)

Des. No.: 1700735

Project Description: Extend the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. The project also involves realigning a section of Fountain Drive, and reconfiguration of the intersection at Fountain Drive and Crescent Road.

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation, proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735).

INDOT, on behalf of FHWA, has signed a determination of “No Adverse Effect” for this Section 106 undertaking. In accordance with 36 CFR 800.4(d), you and the other consulting parties that responded to the early coordination letter are being provided the documentation for this finding. You can view the determination of “No Adverse Effect” electronically by accessing INDOT’s Section 106 document posting website IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). If a hard copy of the materials is needed, please respond to this email with your request as soon as you can.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal consulting parties may enter the process at any time and are encouraged to respond to this notification with any comments or concerns at their earliest convenience. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-416-0876 or Kari Carmany-George at FHWA at K.CarmanyGeorge@dot.gov or 317-226-5629.

Thank you in advance for your input,
Brynne Taylor | Environmental Planner | **AZTEC Engineering**
Cell: (812) 369-9744, Main: (812) 717-2555 | BTaylor@aztec.us
320 W 8th St, Suite 100 | Bloomington, IN 47404 | USA



www.aztec.us | www.typpsa.com

NOTE: Transmittal email informing consulting parties the Finding/800.11 documentation is ready for review.

**FEDERAL HIGHWAY ADMINISTRATION'S
SECTION 4(F) COMPLIANCE REQUIREMENTS (for historic properties) AND
SECTION 106 FINDINGS AND DETERMINATIONS
AREA OF POTENTIAL EFFECT
ELIGIBILITY DETERMINATIONS
EFFECT FINDING
B-Line Trail Extension and Multiuse Path Project
City of Bloomington, Monroe County, Indiana
Des. No. 1700735**

**AREA OF POTENTIAL EFFECTS
(Pursuant to 36 CFR Section 800.4(a)(1))**

The above-ground area of potential effects (APE) for the project includes all properties within and adjacent to the area of direct impact (project construction limits, right-of-way (ROW), and temporary construction easements) and properties within the viewshed of the project where construction activities could cause a potential visual and auditory impact. The archeological APE is defined as the project's survey area and includes all of the proposed ROW (permanent and temporary) and easements required for the undertaking (see Appendix B: APE Maps).

**ELIGIBILITY DETERMINATIONS
(Pursuant to 36 CFR 800.4(c)(2))**

The APE contains two properties listed on or eligible for listing on the National Register of Historic Places (National Register, or NRHP):

Bloomington West Side Historic District (NR-1281)

The Bloomington West Side Historic District is a large district with residential, commercial, and industrial resources extending west from Downtown Bloomington. The period of significance for the district is defined as 1850-1946. The oldest houses in this district exhibit a variety of architectural styles, such as Italianate, Greek Revival, Federal, and Queen Anne, but most houses built after 1900 are modest one-story vernacular homes in working-class neighborhoods. Common vernacular designs that are represented include the Gabled-ell Cottage, Pyramidal Cottage, and Shotgun house. The resources of the district also convey a sense of the changes in demographics and the municipal development of Bloomington in the early 20th century. The construction of the Showers Bros. Furniture Factory and other industrial plans in the West Side spurred the construction of modest housing for factory workers. The district includes many historically black neighborhoods. The Bloomington West Side Historic District has been listed on the National Register since 1997, remaining eligible under Criterion A and C.

House at 2102 Fountain Drive (Indiana Historic Sites and Structures Inventory [IHSSI] No. 105-055-35565)

The house at 2102 Fountain Drive (formerly Vernal Pike) was built circa 1890, is one of the oldest buildings in the northwest corner of Bloomington, and is an outstanding example of vernacular Victorian architecture. The property is eligible for inclusion in the National Register under Criterion C for its architectural design.

No other properties within the APE are listed on or recommended eligible for listing on the National Register.

EFFECT FINDING

Bloomington West Side Historic District (NR-1281): The undertaking will have “No Adverse Effect” on the Bloomington West Side Historic District.

House at 2102 Fountain Drive (IHSSI No. 105-055-35565): The undertaking will have “No Adverse Effect” on the house at 2102 Fountain Drive.

INDOT, acting on FHWA’s behalf, has determined a "No adverse effect" finding is appropriate for this undertaking.

INDOT respectfully requests the Indiana State Historic Preservation Officer provide written concurrence with the Section 106 determination of effect.

SECTION 4(F) COMPLIANCE REQUIREMENTS

Bloomington West Side Historic District (NR-1281)

This undertaking will not convert property from the Bloomington West Side Historic District, a Section 4(f) historic property, to a transportation use; INDOT, acting on FHWA’s behalf, has determined the appropriate Section 106 finding is “No Adverse Effect”; therefore no Section 4(f) evaluation is required for the Bloomington West Side Historic District.

House at 2102 Fountain Drive (IHSSI No. 105-055-35565)

This undertaking will temporarily occupy land from the house at 2102 Fountain Drive, a Section 4(f) historic property. INDOT, acting on FHWA’s behalf, has determined the appropriate Section 106 finding is "No Adverse Effect." FHWA believes that the temporary occupancy will not constitute a Section 4(f) use because all of the conditions listed in 23 CFR 774.13(d) are satisfied:

1. Duration must be temporary, i.e., less than the time needed for construction of the project, and there should be no change in ownership of the land;
2. Scope of the work must be minor, i.e., both the nature and the magnitude of the changes to the Section 4(f) property are minimal;
3. There are no anticipated permanent adverse physical impacts, nor will there be interference with the protected activities, features, or attributes of the property, on either a temporary or permanent basis;
4. The land being used must be fully restored, i.e., the property must be returned to a condition which is at least as good as that which existed prior to the project; and
5. There must be documented agreement of the official(s) with jurisdiction over the Section 4(f) resource regarding the above conditions.

The fulfillment of conditions 1-4 are detailed in Section 4 of the attached documentation, "Describe the Undertaking's Effects on Historic Properties." With regard to condition 5, FHWA respectfully requests the Indiana State Historic Preservation Officer provide written concurrence that they are in agreement that the above criteria have been met and that the impacts to the house at 2102 Fountain Drive constitute a temporary occupancy.

Anuradha V. Kumar

Anuradha V. Kumar, for FHWA
Manager
INDOT Cultural Resources

03/24/2021

Approved Date

**FEDERAL HIGHWAY ADMINISTRATION
DOCUMENTATION OF SECTION 106 FINDING OF
NO ADVERSE EFFECT
SUBMITTED TO THE STATE HISTORIC PRESERVATION OFFICER
PURSUANT TO 36 CFR Section 800.5(c)
B-Line Trail Extension and Multiuse Path Project
City of Bloomington, Monroe County, Indiana
Des. No. 1700735**

1. DESCRIPTION OF THE UNDERTAKING

The Federal Highway Administration (FHWA) and City of Bloomington (City) intend to proceed with the B-Line Extension Project (Des. No. 1700735). The project is located in northwest Bloomington, Monroe County, Indiana, and involves extending the B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (formerly Vernal Pike), and Crescent Road (see Appendix A: Project Location Map). The area is plotted on the USGS 7.5' Bloomington, IN, topographic quadrangle map and lies within portions of sections 31 and 32 of Township 9 North, Range 1 West. The extension of the B-Line Trail would run parallel to and north of the Indiana Railroad from Adams Street to Fountain Drive and would have widths of 10 to 12-feet. A new multiuse path, with widths of 8 to 12-feet, would run north from the Indiana Railroad/Fountain Drive intersection along the east side of Fountain Drive and Crescent Road to 17th Street. The project also involves realigning the road between the properties at 2101 and 2102 Fountain Drive, and reconfiguring the Fountain Drive and Crescent Road intersection. Since the distribution of the Effects Letter two bus stops have been added to the scope of work for this project: one at 11th Street just east of the intersection with Crescent Road, and one on Crescent Road north of the intersection with Fountain Drive. Construction of both bus stops will include installing a concrete landing pad, signage, and some sidewalk work all within existing right-of-way.

Section 106 of the National Historic Preservation Act requires Federal agencies to consider the effects of their undertakings on historic properties. The federal involvement in the project is funding received from the FHWA.

The above-ground area of potential effects (APE) for this project includes all properties within and adjacent to the area of direct impact (project construction limits, right-of-way, and temporary construction easements) and properties within the viewshed of the project where construction activities could cause a potential visual and auditory impact. Project activities include trail and multiuse path construction, installation of fiber optic facilities, storm sewer facilities, and a new detention basin. The area around the proposed project is in an urban setting, consists of large heavily-wooded residential, commercial and light industrial lots and a winding road through rolling terrain, which generally limits the viewshed to adjacent parcels, except in the vicinity of the intersection of Fountain Drive and Crescent Road, where the viewshed extends farther to the west. The above-ground APE is approximately 4,350 feet long, and is 1,400 feet wide at its widest point near the intersection of Fountain Drive and Crescent Road. The archeological APE is defined as the project construction limits (see Appendix B).

The City, in their *Parks and Recreation Master Plan, 2016–2020* published on December 2, 2015, identified goals to extend trail or multiuse path connections where current facilities are lacking. These goals included installation of new trail or multiuse path connections in incorporated areas of the city as well as

opportunities to consider connections to communities adjacent to the City based on available revenue or grants. Currently there is a gap between the B-Line Trail system and residential, businesses, and other city facilities on 17th Street. The proposed project would provide this connection and further promote non-motorized uses by residents. The proposed project also would extend the City of Bloomington's signature trail, the B-Line, from its northern terminus at Adams Street to Fountain Drive and connect the new trailhead to other pedestrian facilities in the City's network.

Right-of-way required for this project is anticipated to be approximately 2.24 acres of permanent right-of-way and approximately 1.45 acres of temporary right-of-way. No permanent right-of-way will be taken from the historic property at 2102 Fountain Drive. No right-of-way will be taken from the Bloomington West Side Historic District (NR-1281). There would be a roadway realignment between the properties at 2101 and 2102 Fountain Drive, as well as reconfiguration of the Fountain Drive and Crescent Road intersection. Removal of trees and roadside vegetation within existing right-of-way and temporary construction easements are anticipated for construction of the proposed project. The most current plans can be viewed in Appendix C.

2. EFFORTS TO IDENTIFY HISTORIC PROPERTIES

Pursuant to 36 CRF Section 800.4(b), the AZTEC Engineering Group, Inc. (AZTEC) project historian, Scott Solliday, conducted efforts to identify historic properties as part of the Section 106 undertaking.

The AZTEC project historian examined the National Register of Historic Places (NRHP), Indiana Register of Historic Sites and Structures (State Register), State Historic Architectural and Archaeological Research Database (SHAARD), *Indiana Historic Bridge Inventory*, Indiana Historic Buildings, Bridges, and Cemeteries Map (IHBBCM), *City of Bloomington Interim Report*, *Monroe County Interim Report*, as well as other primary and secondary sources to develop a historic overview of the project area. After completing an initial literature review, project historian Scott Solliday visited the project area in November 2018 and April 2019 to assess and survey historic properties within the project's APE.

Before Section 106 consultation was initiated, Bloomington Restorations, Inc. responded to the project's early coordination letter in a letter dated May 23, 2019, with a request to be a consulting party for the Section 106 process. In their letter, Bloomington Restorations, Inc. expressed their concern for above-ground structures at 2102 Fountain Drive and several other residential structures along Crescent Road.

The Section 106 Early Coordination Letter describing the proposed project and inviting potential consulting parties to provide comments on the proposed project was distributed electronically or by mail on September 17, 2019. The following parties were invited to become consulting parties: Bloomington Historic Preservation Commission, Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO), Bloomington Restorations, Inc., Delaware Tribe of Indians of Oklahoma, Eastern Shawnee Tribe of Oklahoma, Indiana State Historic Preservation Officer (SHPO), Indiana Landmarks (Central Regional Office), Miami Tribe of Oklahoma, Monroe County Commissioner, District 2, Monroe County Historian, Monroe County History Center, Highway Director of the Monroe County Highways Department, Peoria Tribe of Indians of Oklahoma, and Pokagon Band of Potawatomi Indians. On October 3, 2019, the Indiana Landmarks (Central Regional Office) accepted the consulting party invitation. The SHPO responded on October 3, 2019, requesting that additional consulting parties be invited to join Section 106 consultation, including the Monroe County Historic Preservation Board of Review, the Downtown

Bloomington Commission, and the property owners of 2102 Fountain Drive. None of the other consulting parties provided any additional comments or responses to the early coordination letter.

Green 3, LLC (Green 3) prepared the Phase Ia Archaeological Study (C. Jackson, 2019). This investigation examined a 3.5 acre survey area through visual inspection of disturbed soils and excavation of thirteen shovel probes. As a result, no archaeological sites were identified and no further work was recommended. The archaeological study was mailed to the SHPO on February 25, 2020; the study's distribution letter was sent electronically or by mail to non-tribal consulting parties on February 25, 2020. The consulting parties requested by the SHPO, in their letter dated October 3, 2019, were also sent the distribution letter electronically or by mail and were invited to join consultation at that time. In a letter dated March 24, 2020, the SHPO concurred with the findings in the study that no further work is necessary. Joshua Biggs, of Indiana Landmarks (Central Regional Office), responded on February 27, 2020 to the study's distribution letter stating the nature of Indiana Landmarks' protective covenant on 2102 Fountain Drive and its eligibility for inclusion in the NRHP. No other consulting parties had comments for the archaeological study.

After the archaeology report was released, there was a change in the project limits that required an addendum archaeological investigation and report. Green 3 completed the addendum archaeological study to account for the additional project areas recommended by INDOT CRO. This survey investigated an additional 0.7 acres of ROW through visual inspection of disturbed soils and excavation of twelve shovel probes. As a result, no archaeological sites were identified and no further work was recommended. The Addendum Phase Ia Archaeological Study (C. Jackson, 2020) was mailed to the SHPO on July 31, 2020. A copy of the study's distribution letter was sent electronically or by mail to non-tribal consulting parties and to the originally invited tribal consulting parties plus the Shawnee Tribe by INDOT CRO on July 31, 2020. In a letter dated August 28, 2020, the SHPO concurred with the finding in the Addendum Phase Ia Archaeological Study that no further archaeological investigations appear necessary at the proposed project area. No other consulting parties had comments for the addendum archaeological study.

AZTEC prepared a Historic Properties Report (HPR) (Solliday and Langan, 2020) and mailed the report on June 22, 2020 to the SHPO and the distribution letter was sent electronically or by mail to consulting parties, once again inviting the property owners of 2102 Fountain Drive to join consultation. Indiana Landmarks (Central Regional Office) responded to the HPR with an email, response letter, and a copy of the protective covenant for 2102 Fountain Drive on June 25, 2020. The email proposed a correction to the wording of how the protective covenant was described within the HPR. Indiana Landmarks' response letter stated their interest in reviewing the upcoming Effects Report and continued involvement in the Section 106 process. In a letter dated July 6, 2020, the SHPO concurred with AZTEC's definition of the APE and assessment that the Bloomington West Side Historic District is located within the project's APE, and that the house at 2102 Fountain Drive is eligible for inclusion in the NRHP. They also concurred that the Bloomington West Side Historic District and house at 2102 Fountain Drive are the only historic properties within the APE. No other consulting parties had comments for the HPR.

The abstract and summary/conclusions pages of the reports are included in Appendix D.

A list of consulting parties is included in Appendix E.

Copies of all letters received from consulting parties are included in Appendix F.

3. DESCRIBE AFFECTED HISTORIC PROPERTIES

Bloomington West Side Historic District (NR-1281): The Bloomington West Side Historic District is a large district with residential, commercial, and industrial resources extending west from Downtown Bloomington. The period of significance for the district is defined as 1850-1946. The oldest houses in this district exhibit a variety of architectural styles, such as Italianate, Greek Revival, Federal, and Queen Anne, but most houses built after 1900 are modest one-story vernacular homes in working-class neighborhoods. Common vernacular designs that are represented include the Gabled-ell Cottage, Pyramidal Cottage, and Shotgun house. The resources of the district also convey a sense of the changes in demographics and the municipal development of Bloomington in the early 20th century. The construction of the Showers Bros. Furniture Factory and other industrial plans in the West Side spurred the construction of modest housing for factory workers. The district includes many historically black neighborhoods. The Bloomington West Side Historic District has been listed on the National Register since 1997, remaining eligible under Criterion A and C.

House at 2102 Fountain Drive (IHSSI No. 105-055-35565): The house at 2102 Fountain Drive built circa 1890, is one of the oldest buildings in the northwest corner of Bloomington, and is an outstanding example of vernacular Victorian architecture. The property is eligible for inclusion in the National Register under Criterion C for its architectural design.

4. DESCRIBE THE UNDERTAKING'S EFFECTS ON HISTORIC PROPERTIES

Bloomington West Side Historic District (NR-1281): The B-Line Trail extension will be constructed along the north side of the Indiana Railroad west of Adams Street, approximately 25 feet north of the Bloomington West Side Historic District boundary. Project activities in this area include new storm sewers, tree removal, and the construction of the B-Line Trail. The B-Line Trail will include the following elements: construction of an ADA-compliant crossing at Adams Street, a 10 to 12-foot wide paved trail, and decorative lighting regularly spaced along the trail until the intersection of the Indiana Railroad with Fountain Drive. Project activities are located outside the historic district boundary, and no permanent or temporary right-of-way will be acquired from the historic district. While this project will introduce new visual elements within the viewshed of the Bloomington West Side Historic District, they will only be visible from the northwestern corner of the district, which is a heavily wooded area with no buildings or structures. The nearest buildings, which are contributors to the district, are located 300 feet to the south, and the new visual elements will not impact the integrity of setting or feeling of any contributing properties. These new visual elements would not diminish the integrity of the defining features and/or characteristics of the Bloomington West Side Historic District that contribute to its significance. Therefore, there will be no adverse effect on the Bloomington West Side Historic District.

House at 2102 Fountain Drive (IHSSI No. 105-055-35565): Fountain Drive will be realigned between the 2101 Fountain Drive and 2102 Fountain Drive properties. The realignment will curve the road away from 2102 Fountain Drive to create room for a new 8-foot wide multiuse path while preserving the stone wall on the property. The new multiuse path will replace the existing sidewalk that runs along Fountain Drive adjacent to the historic property boundary.

In the HPR the historic property boundary description was identified as Monroe County Assessor's Parcel Number 53-05-32-200-037.000-004, but excluding that part of the parcel on which Fountain Drive and the

adjacent public sidewalk are located. An encroachment on the property had been identified in the Effects Letter but further research showed that the encroaching features had been conveyed by deed to the adjacent property owner. The west property line currently extends to the centerline of the road. The new property line will be pushed away from the centerline of the road to align with the historic property boundary that follows the stone wall on the property. No permanent right-of-way will be acquired from within the historic property boundary (see Appendix C). Approximately 936.43 sq. ft. of temporary right-of-way will be acquired from the historic property for the reconstruction of the 2102 Fountain Drive driveway in its existing location to meet current INDOT requirements. Other project construction activities near the historic property boundary for 2102 Fountain Drive include the demolition of the existing roadway to allow for the new realignment of Fountain Drive, curb and gutter installation along the new roadway alignment, installation of fiber optic facilities and storm sewer facilities. A new retaining wall will be built across the street from 2102 Fountain Drive due to the new roadway alignment; and an existing shelter located to the north of the property, but not abutting it, will be removed. Since the distribution of the Effects Letter two bus stops have been added to the scope of work for this project: one at 11th Street just east of the intersection with Crescent Road, and one on Crescent Road north of the intersection with Fountain Drive. Construction of both bus stops will include installing a concrete landing pad, signage, and some sidewalk work all within existing right-of-way. Project activities will not introduce any visual, atmospheric, or audible elements that would diminish the integrity of the elements of the property at 2102 Fountain Drive that contribute to its significance. This project will not change the historic appearance of the property or change any elements that contribute to its historic significance. All existing aboveground resources, including the stone wall and the house, will be avoided through the realignment of Fountain Drive. No part of the property will be demolished or disturbed by project activities and no landscaping features will be removed. Therefore, there will be no adverse effect on the house at 2102 Fountain Drive.

5. EXPLAIN APPLICATION OF CRITERIA OF ADVERSE EFFECT -- INCLUDE CONDITIONS OR FUTURE ACTIONS TO AVOID, MINIMIZE OR MITIGATE ADVERSE EFFECTS

According to 36 CFR 800.5(a)(1), “an adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property’s location, design, setting, materials, workmanship, feeling, or association”.

Bloomington West Side Historic District (NR-1281): The project will cause No Adverse Effect to this resource. The B-Line Trail extension near this resource will be constructed along the north side of the Indiana Railroad west of Adams Street, approximately 25 feet north of the Bloomington West Side Historic District boundary.

Per 36 CFR 800.5(a)(2)(i) the undertaking will not result in the “[p]hysical destruction of or damage to all or part of the property”. The Bloomington West Side Historic District will not be destroyed or damaged by this project.

Per 36 CFR 800.5(a)(2)(ii) the undertaking will not cause an “[a]lteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access, that is not consistent with the Secretary’s standards for the treatment of historic properties (36 CFR part 68) and applicable guidelines”.

Per 36 CFR 800.5(a)(2)(iii) the undertaking will not result in the “[r]emoval of the property from its historic location”.

Per 36 CFR 800.5(a)(2)(iv) the undertaking will not result in the “[c]hange of the character of the property’s use or of physical features within the property’s setting that contribute to its historic significance”. The minor changes in paving, landscaping, and lighting adjacent to the Bloomington West Side Historic District will not cause any change in the use or setting of the district. The corner of the district that is adjacent to the project area is a heavily wooded area with no buildings or structures. The nearest buildings contributing to the district are located 300 feet to the south, and the view from those buildings to the northwest towards the project area is heavily obscured by topography and trees.

Per 36 CFR 800.5(a)(2)(v) the undertaking will not result in the “[i]ntroduction of visual, atmospheric or audible elements that diminish the integrity of the property’s significant historic features”. The minor changes in paving, landscaping, and lighting adjacent to the Bloomington West Side Historic District will not introduce elements that diminish the integrity of the district. The corner of the district that is adjacent to the project area is a heavily wooded area with no buildings or structures. The nearest buildings contributing to the district are located 300 feet to the south, and the view from those buildings to the northwest towards the project area is heavily obscured by topography and trees.

Per 36 CFR 800.5(a)(2)(vi) the undertaking will not cause the “[n]eglect of a property which cause its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization”. The project will not cause neglect of the property.

Per 36 CFR 800.5(a)(2)(vii) the undertaking will not cause the “[t]ransfer, lease, or sale of property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property’s historic significance”. Ownership will not change as a result of this project.

House at 2102 Fountain Drive (IHSSI No. 105-055-35565): The project will cause No Adverse Effect to this resource. Fountain Drive will be realigned between the 2101 Fountain Drive and 2102 Fountain Drive properties. The realignment will curve the road away from 2102 Fountain Drive to create room for a new 8-foot wide multiuse path while preserving the stone wall on the property. The new multiuse path will replace the existing sidewalk that runs along Fountain Drive adjacent to the property’s setting, but it will be set back one foot from the wall columns, per the Historic Property Commitments (Appendix G), to avoid impacts to the wall during construction. Approximately 2,429.40 sq. ft. of permanent right-of-way will be acquired from within the legal boundary of the property, but portions of the parcel on which Fountain Drive and the adjacent public sidewalk are currently located are outside of the historic property boundary.

Per 36 CFR 800.5(a)(2)(i) the undertaking will not result in the “[p]hysical destruction of or damage to all or part of the property”. The existing driveway will be updated and regraded in its existing location. The house and stone wall on the property will not be destroyed or damaged by this project. Work in the vicinity of the stone wall will be required to adhere to limitations and precautions outlined in the written commitment regarding protection of the historic property (Appendix G). While 2,429.40 sq. ft. of permanent right-of-way will be acquired from this parcel, that portion of the parcel is outside of the historic property boundary.

Per 36 CFR 800.5(a)(2)(ii) the undertaking will not cause an “[a]lteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access, that is not consistent with the Secretary’s standards for the treatment of historic properties (36 CFR part 68) and applicable guidelines”.

Per 36 CFR 800.5(a)(2)(iii) the undertaking will not result in the “[r]emoval of the property from its historic location”. The project will not remove the stone wall or the house from their historic locations.

Per 36 CFR 800.5(a)(2)(iv) the undertaking will not result in the “[c]hange of the character of the property’s use or of physical features within the property’s setting that contribute to its historic significance”. The multiuse path will replace an existing modern sidewalk in front of the property. The existing modern roadway will be realigned further to the west to provide space for the multiuse path, which will shift the road away from the historic property. Minor changes in paving and landscaping will not cause any change in use or setting of the stone wall or the house.

Per 36 CFR 800.5(a)(2)(v) the undertaking will not result in the “[i]ntroduction of visual, atmospheric or audible elements that diminish the integrity of the property’s significant historic features”. The multiuse path will replace an existing modern sidewalk in front of the property. The existing modern roadway will be realigned further to the west to provide space for the multiuse path, which will shift the road away from the historic property. Minor changes in paving and landscaping will not introduce elements that diminish the integrity of the stone wall or the house.

Per 36 CFR 800.5(a)(2)(vi) the undertaking will not cause the “[n]eglect of a property which cause its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization”. The project will not cause neglect of the property.

Per 36 CFR 800.5(a)(2)(vii) the undertaking will not cause the “[t]ransfer, lease, or sale of property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property’s historic significance”. Ownership will not change as a result of this project.

6. SUMMARY OF CONSULTING PARTIES AND PUBLIC VIEWS

Consulting Party Invitations: On September 17, 2019, the early coordination letter and consulting party invitations were distributed electronically or by mail; the following parties were invited to become consulting parties for the project: Bloomington Historic Preservation Commission, Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO), Bloomington Restorations, Inc., Delaware Tribe of Indians of Oklahoma, Eastern Shawnee Tribe of Oklahoma, the SHPO, Indiana Landmarks (Central Regional Office), Miami Tribe of Oklahoma, Monroe County Commissioner District 2, Monroe County Historian, Monroe County History Center, Highway Director of the Monroe County Highways Department, Peoria Tribe of Indians of Oklahoma, and Pokagon Band of Potawatomi Indians (see Appendix E).

Responses to Invitations: Bloomington Restorations, Inc., responded to the project’s early coordination letter, with a letter dated May 23, 2019, requesting to be a consulting party for the Section 106 process. No response was received from Bloomington Restorations, Inc. regarding the Section 106 early coordination

letter sent out September 17, 2019. In addition to the SHPO, Indiana Landmarks (Central Regional Office) accepted the consulting party invitation (see Appendix E). The SHPO, in their October 3, 2019 response to the Section 106 early coordination letter, requested the Monroe County Historic Preservation Board of Review, the Downtown Bloomington Commission, and the property owners of 2102 Fountain Drive be invited to join consultation (see Appendix F). The following gave no response to become a consulting party: Bloomington Historic Preservation Commission, BMCMPPO, Delaware Tribe of Indians of Oklahoma, Eastern Shawnee Tribe of Oklahoma, Miami Tribe of Oklahoma, Monroe County Commissioner District 2, Monroe County Historian, Monroe County History Center, Highway Director of the Monroe County Highways Department, Peoria Tribe of Indians of Oklahoma, and Pokagon Band of Potawatomi Indians.

Archaeology Report Submission: The Phase Ia Archaeological Study (C. Jackson, 2019) was mailed to the SHPO on February 25, 2020. The study was not sent to the originally invited tribal consulting parties as none had responded to the early coordination letter. The consulting parties requested by the SHPO (Monroe Historic Preservation Board of Review, the Downtown Bloomington Commission, and the property owners of 2102 Fountain Drive) were invited to join consultation and sent a copy of the archaeological study's distribution letter electronically or by mail; the other non-tribal consulting parties were sent a copy of the distribution letter electronically on the same day. The report's introduction and conclusions are available in Appendix D.

Archaeology Report Response: The SHPO concurred with the Phase Ia Archaeological Study (C. Jackson, 2019) in their letter dated March 24, 2020, stating "we have not identified any currently known archaeological resources listed on or eligible for inclusion in the National Register of Historic Places (NRHP) within the proposed project area ... [and] we concur ... that no further archaeological investigations appear necessary at the proposed project area" (see Appendix F). In a letter dated February 27, 2020, Joshua Biggs of Indiana Landmarks (Central Regional Office) responded to the archaeological study's distribution letter stating "[Indiana Landmarks] believe[s] this property [2102 Fountain Drive] is very likely eligible for inclusion in the National Register of Historic Places" and that "Indiana Landmarks holds a protective preservation covenant on this property". Regarding the project as a whole, Mr. Biggs stated "[w]e hope this project will seek ways to avoid, minimize, or mitigate any adverse effects on the property at 2102 W. Fountain Drive" (see Appendix F).

HPR Submission: On June 22, 2020 the HPR (Solliday and Langan, 2020) was mailed to the SHPO and sent electronically to consulting parties. A hardcopy of the HPR distribution letter was mailed to the property owners at 2102 Fountain Drive, again inviting them to join consultation (see Appendix F). The report was not sent to the originally invited tribal consulting parties as none had responded to the early coordination letter. The HPR's introduction and conclusions are available in Appendix D.

HPR Response: Joshua Biggs of Indiana Landmarks (Central Regional Office) responded to the HPR on June 25, 2020 with an email, response letter, and a copy of the protective covenant for the house at 2102 Fountain Drive. In the email, Mr. Biggs proposed a correction to the description of the protective covenant on 2102 Fountain Drive. Mr. Biggs proposed "[t]he property was then sold to an individual with a deed restriction prohibiting alterations, modifications, or change to any structure on the property without prior written approval of Landmarks" instead of "[t]he property was then sold to an individual with a deed restriction prohibiting any alterations to the house or its historic features" that is on page 18 of the HPR (Solliday and Langan, 2020). In Indiana Landmarks' response letter, dated June 25, 2020, Mr. Biggs stated their pleasure in hearing the house at 2102 Fountain Drive was recommended eligible for inclusion in the

NRHP. As well as stating “we look forward to reviewing the upcoming Effects Report, and to learn how any adverse effects to 2102 Fountain Dr. will be avoided, minimized, or mitigated” (see Appendix F). In a letter dated July 6, 2020, the SHPO concurred with the defined APE and conclusions made in the HPR, stating “we agree that the Bloomington West Side Historic District (NR-1281) ... is located within the project’s APE ... [and] that the house at 2102 Fountain Drive [IHSSI No. 105-055-35520] is eligible for inclusion in the NRHP ... [and] that the [Bloomington] West Side Historic District and the House at 2102 Fountain Drive are the only historic properties located within the project’s APE”. The SHPO provided further comments regarding the effects on historic properties within the APE stating “it will be interesting to note if any of the temporary or permanent right-of-way will be taken from the boundaries of historic properties. Also, we note that the HPR mentions the contributing stone wall to the NRHP-eligible house and we would like to know if and how the proposed project will avoid impacting that feature” (see Appendix F).

Addendum Archaeology Report Submission: The Addendum Phase Ia Archaeological Study (C. Jackson, 2020) was mailed to the SHPO and sent electronically to the originally invited tribal consulting parties plus the Shawnee Tribe by INDOT CRO on July 31, 2020. The addendum archaeological study’s distribution letter was sent electronically or by mail to non-tribal consulting parties on July 31, 2020. The report’s introduction and conclusions are available in Appendix D.

Addendum Archaeology Report Response: The SHPO concurred with the Addendum Phase Ia Archaeological Study (C. Jackson, 2020) in their letter dated August 28, 2020, stating “we have not identified any currently known archaeological resources listed on or eligible for inclusion on the NRHP within the propose project area; and we concur ... that no further archaeological investigations appear necessary at the proposed project area” (see Appendix F).

Effects Letter Submission: On October 16, 2020 the Effects Letter was mailed to the SHPO and sent electronically or by mail to non-tribal consulting parties. The Effects Letter was not sent to the originally invited tribal consulting parties plus the Shawnee Tribe as none had responded to the Addendum Archaeology Report.

Effects Letter Response: Indiana Landmarks (Central Regional Office) responded to the Effects Letter on October 26, 2020, and the SHPO responded on November 9, 2020. Both expressed concerns about potential adverse effects to the stone wall at 2102 Fountain Drive due to construction activities. Indiana Landmarks requested that “a stabilization plan be provided to consulting parties, specifically outlining how the project will avoid, minimize, or mitigate any adverse effects to the stone wall during the period of construction” and the SHPO agreed, stating that “commitments and project plans need to be clearly marked and noted indicating avoidance of the stone wall in order to prevent potentially adversely affecting that historic feature of 2102 Fountain Drive.” In response to these concerns, Historic Property Commitments were drafted, with stipulations for procedures to ensure the protection of this historic resource, including graphics which delineate the limits of the multiuse path footprint and associated construction activities in the vicinity of the stone wall (see Appendix G). The Historic Property Commitments will be included in the contract bid documents or All Commitments Report, depending on the mechanism through which the project will be bid. Furthermore, the project plans have a call-out referencing the Historic Property Commitments.

No other comments were received from consulting parties.

This finding will be advertised as a legal notice in the local paper, the *Herald Times* (Bloomington, Monroe County), and the public will be given a 30-day period in which to comment on the finding of effects. This documentation will be revised to reflect any comments received.

APPENDICES

- | | |
|---|--------------------------------------|
| A. Project Location Map | Removed to avoid duplication. |
| B. APE Maps | |
| C. Project Plans | |
| D. Report Summaries | |
| E. Consulting Parties | |
| F. Correspondence | |
| G. Historic Property Commitments | |

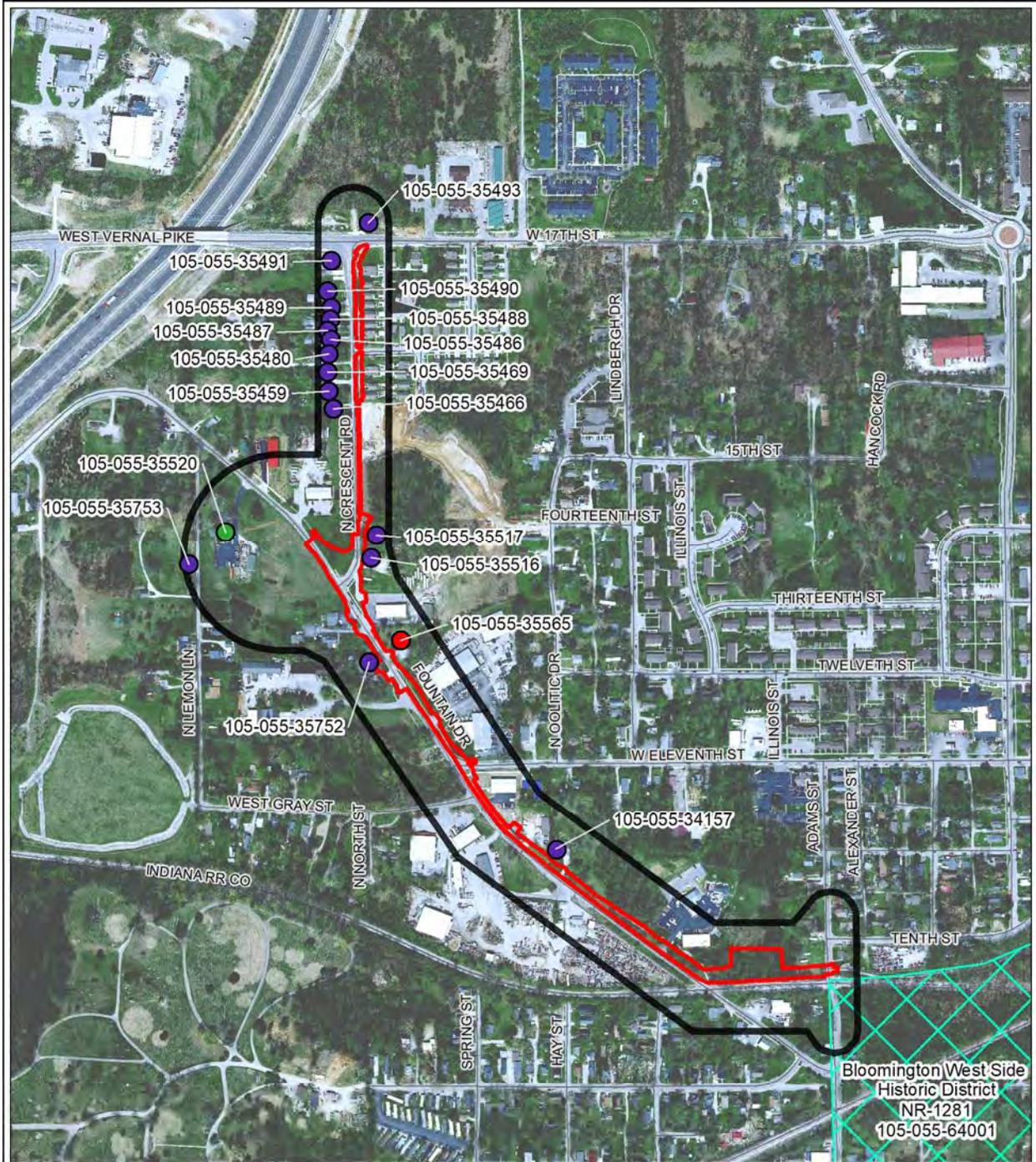
Appendix A
Project Location Map

NOTE: This Appendix A is part of the Effect Finding Documentation. This map is included in Appendix B of the CE and was removed to avoid duplication.

Appendix B

APE Maps

NOTE: This Appendix B is part of the Effect Finding Documentation.



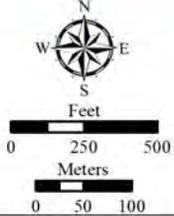
Sources: ESRI Indiana Orthophotography (2019); NAD 83, UTM Zone 16

Map Disclaimer: This map is for general siting purposes only.



- Local Roads
- Project Limits
- ▭ APE
- ▭ Historic District

- Evaluated Properties (IHSSI)**
- Contributing
 - Notable
 - Outstanding



Above-ground APE Map



Aerial photograph showing the project area and survey areas.

Archaeological APE Map

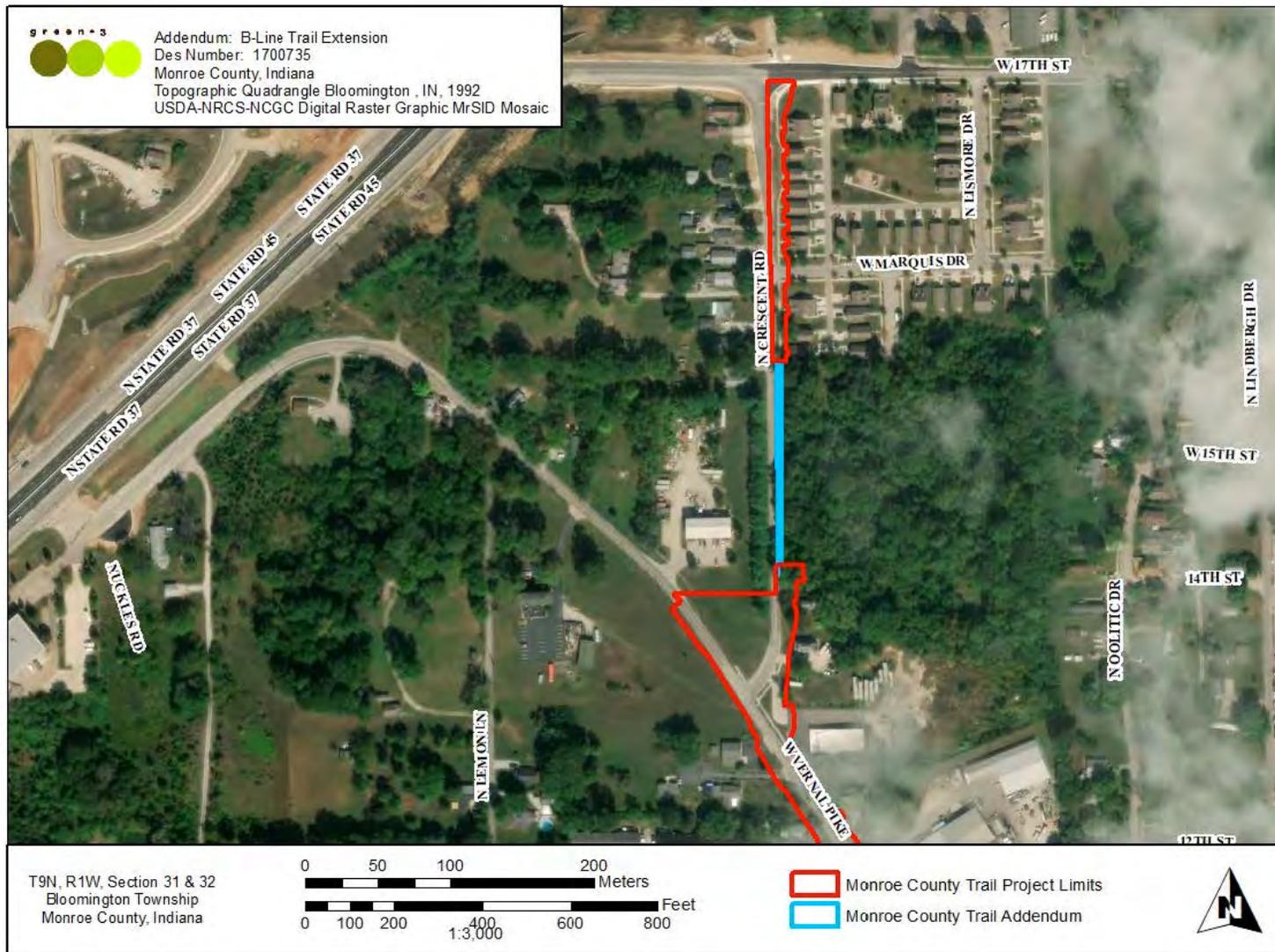


Figure 3. Aerial photograph showing the location of the original survey area and the proposed fiber optic line and waterline addendum area.

Addendum Archaeological APE Map (1 of 2)

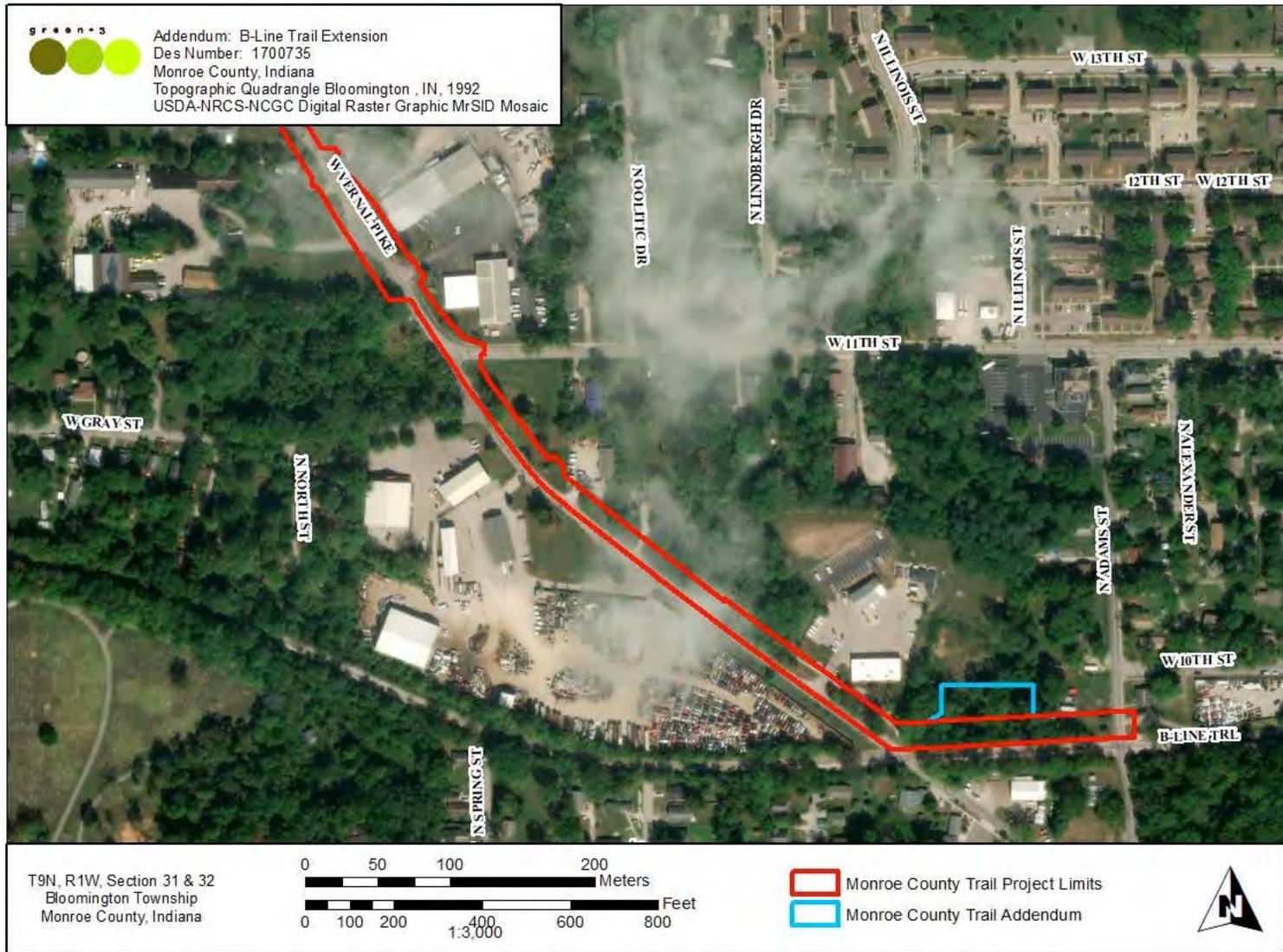


Figure 4. Aerial photograph showing the original survey area and the graded detention basin addendum area.

Addendum Archaeological APE Map (2 of 2)

Appendix C
Project Plans

NOTE: This Appendix C is part of the Effect Finding Documentation.

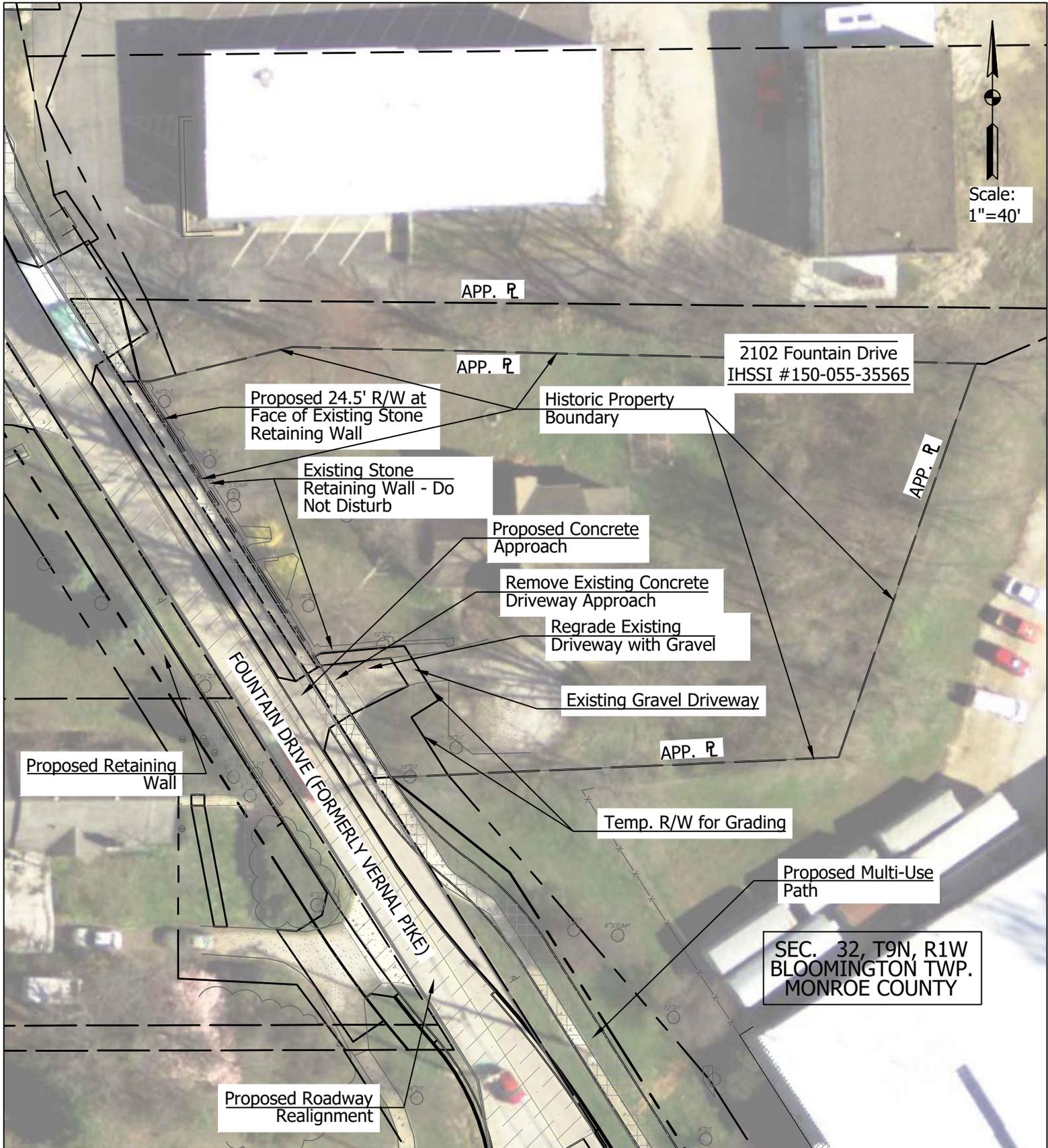


Exhibit 1 - 2102 Fountain Drive (IHSSI # 105-055-35565)

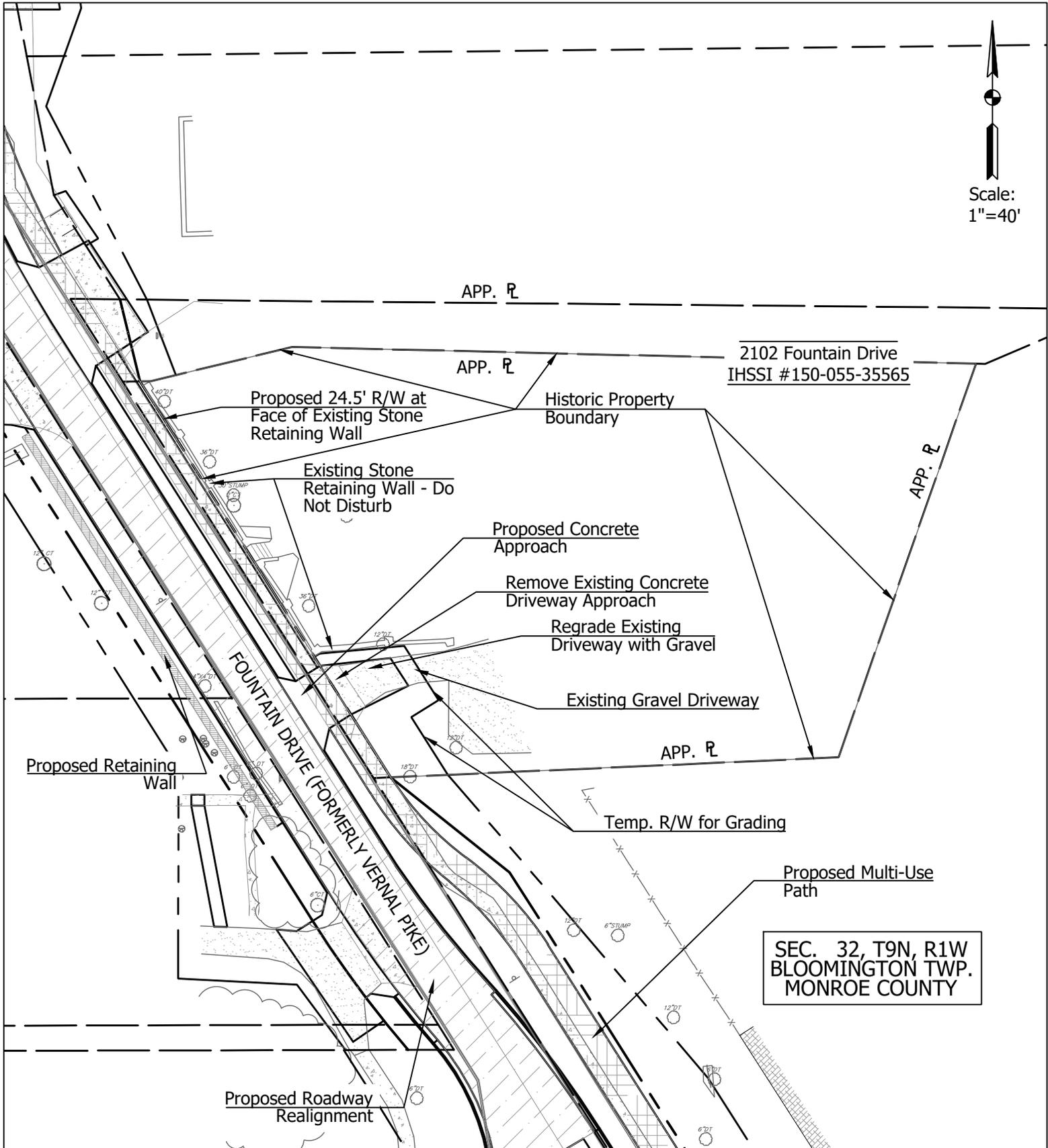


Exhibit 1 - 2102 Fountain Drive (IHSSI # 105-055-35565)

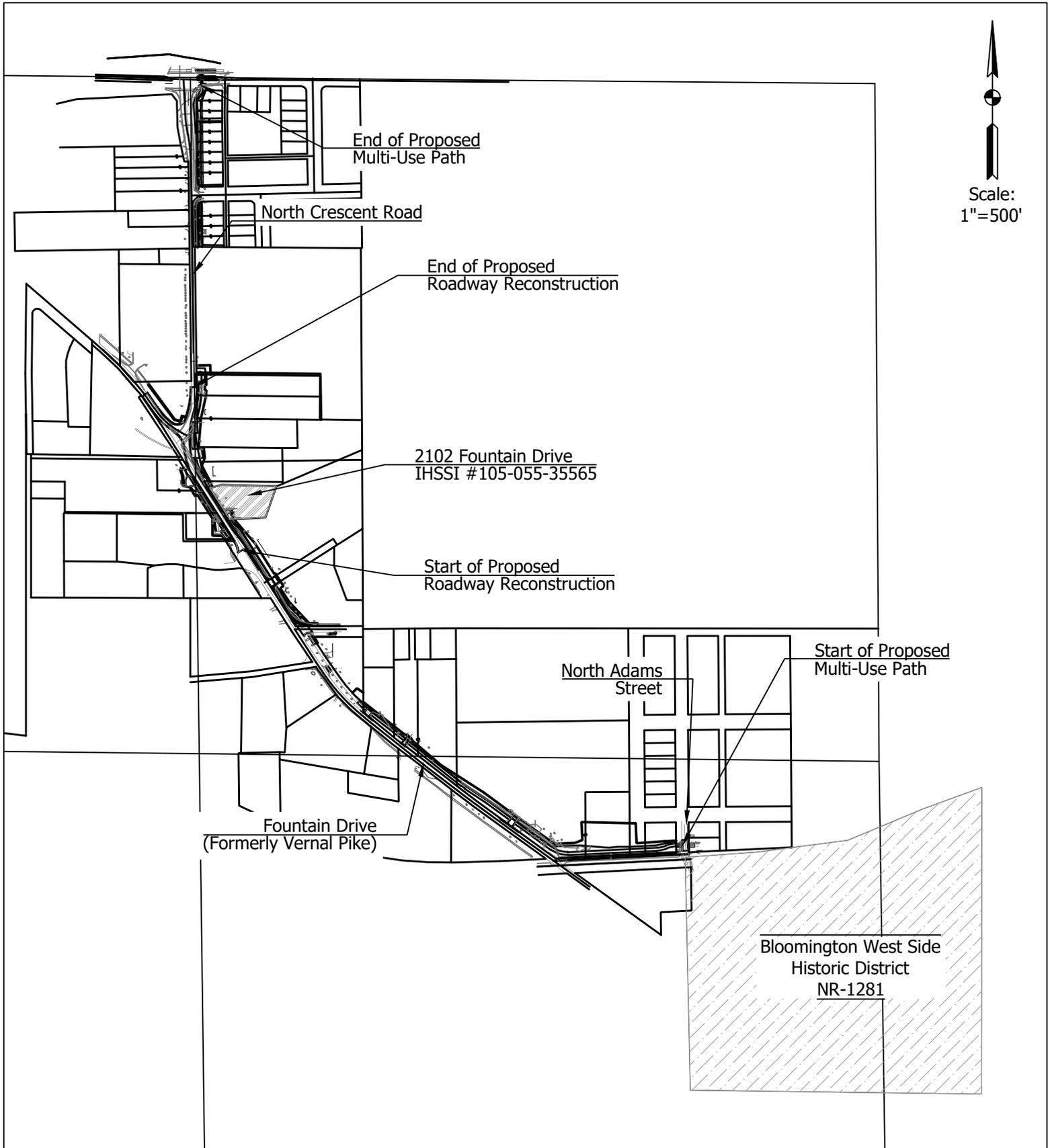


Exhibit 2 - Bloomington West Side Historic District (NR-1281)

Appendix D
Report Summaries

NOTE: This Appendix D is part of the Effect Finding Documentation.



A Phase Ia Archaeological Study for the Proposed B-Line Trail Extension (Des 1700735) in the City of Bloomington, Bloomington Township, Monroe County, Indiana

ARCHAEOLOGICAL SHORT REPORT

August 26, 2019

Prepared for:

Aztec Engineering
320 West 8th Street, Suite 100
Bloomington, Indiana 47404



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Two shovel probes were excavated on the eastern slope and slope bench of the woodlot. Both of them were negative and no subsurface in situ archaeological deposits were encountered. The soil profiles are provided in Table 2.

An inspection of the bluff indicated that it has been disturbed and partially man-made. This was determined from the gravel that had been placed along its edge.

Visual examination of the yard indicated that a gravel parking area was located in the eastern section of the yard and by Adams Street. Grass was only observed west of the gravel area; thus, an attempt was made to excavate shovel probes in the visually undisturbed portion of the yard.

Two shovel probes were attempted in the visually undisturbed area. Unfortunately, compact gravel was encountered immediately below the grass. Due to the compactness of the gravel, neither shovel probe could be excavated. Based on the data, it could be surmised that the grassy section of Area 8 has been heavily disturbed.

No sites were inventoried in Area 8.

RECOMMENDATION

- The archaeological records check has determined that the project area has the potential to contain archaeological resources and a Phase Ia archaeological reconnaissance is recommended.
- The archaeological records check has determined that the project area does not have the potential to contain archaeological resources and no further work is recommended before the project is allowed to proceed.
- The Phase Ia archaeological reconnaissance has located no archaeological sites within the project area and it is recommended that the project be allowed to proceed as planned.
- The Phase Ia archaeological reconnaissance has determined that the project area includes landforms which have the potential to contain buried archaeological deposits. It is recommended that Phase Ic archaeological subsurface reconnaissance be conducted before the project is allowed to proceed.
- The Phase Ia archaeological reconnaissance has determined that the project area is within 100 feet of a cemetery and a Cemetery Development Plan is required per IC-14-21-1-26.5.

Cemetery Name:

Other Recommendations/Commitments:

Pursuant to IC-14-21-1, if any archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and 29) requires that the discovery must be reported to the Department of Natural Resources within two (2) business days. In that event, please call (317) 232-1646.

Attachments

- Figure showing project location within Indiana.
- USGS topographic map showing the project area (1:24,000 scale).
- Aerial photograph showing the project area, land use and survey methods.
- Photographs of the project area.
- Project plans (if available)

Other Attachments:



Addendum: A Phase Ia Archaeological Study for the Proposed B-Line Trail Extension (Des 1700735) in the City of Bloomington, Bloomington Township, Monroe County, Indiana
ARCHAEOLOGICAL SHORT REPORT

July 30, 2020

Prepared for:
Aztec Engineering
320 West 8th Street, Suite 100
Bloomington, Indiana 47404



Christopher Jackson, M.S., RPA
Archaeologist, Historian/QP
Green 3, LLC
Historic Fountain Square
1104 Prospect Street
Indianapolis, IN 46203

p. 317.634.4110

f. 866.422.2046

e. chris@green3studio.com

archaeological deposits were encountered. The stratigraphy was uniform across the area consisting of a dark gray brown (10YR4/2) silt clay loam that was followed by a yellow brown (10YR5/6) clay loam (Plate 7). The depth of the dark gray brown stratum ranged from 21 cm to 30 cm.

Since all of the shovel probes were negative, no sites were recorded in this addendum survey area.

RECOMMENDATION

- The archaeological records check has determined that the project area has the potential to contain archaeological resources and a Phase Ia archaeological reconnaissance is recommended.
- The archaeological records check has determined that the project area does not have the potential to contain archaeological resources and no further work is recommended before the project is allowed to proceed.
- The Phase Ia archaeological reconnaissance has located no archaeological sites within the project area and it is recommended that the project be allowed to proceed as planned.
- The Phase Ia archaeological reconnaissance has determined that the project area includes landforms which have the potential to contain buried archaeological deposits. It is recommended that Phase Ic archaeological subsurface reconnaissance be conducted before the project is allowed to proceed.
- The Phase Ia archaeological reconnaissance has determined that the project area is within 100 feet of a cemetery and a Cemetery Development Plan is required per IC-14-21-1-26.5.

Cemetery Name:

Other Recommendations/Commitments:

Pursuant to IC-14-21-1, if any archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and 29) requires that the discovery must be reported to the Department of Natural Resources within two (2) business days. In that event, please call (317) 232-1646.

Attachments

- Figure showing project location within Indiana.
- USGS topographic map showing the project area (1:24,000scale).
- Aerial photograph showing the project area, land use and survey methods.
- Photographs of the project area.
- Project plans (if available)

Other Attachments:

Baltz, Christopher J.
2014 I-69 Corridor Tier 2 Studies, Evansville to Indianapolis, Fourth Addendum to Phase Ia Archaeological Investigations Section 5 (SR 37 to SR 39), Monroe and Morgan Counties, Indiana, Des. No. 0300381. Gray & Pape. Submitted to Bernardin Lochmueller & Associates, Indianapolis.

References Cited: Baskin, Forster and Company
1876 Illustrated Historical Atlas of the State of Indiana. Baskin, Forster and Company, Chicago.

Beard, Thomas C.
1990 Archaeological Field Reconnaissance: Projects ST-062-3(D), ST-062-44(C), Map-062-3(003), S.R. 46 Improvements from West of Ellettsville, to S.R. 37 in Bloomington, Monroe

**HISTORIC PROPERTY REPORT FOR
THE B-LINE EXTENSION PROJECT,
BLOOMINGTON TOWNSHIP,
MONROE COUNTY, INDIANA**

DES NO. 1700735

DHPA NO. 24393

**Prepared For
City of Bloomington
Public Works, Planning and Transportation Department
401 N. Morton Street
Bloomington, IN 47404**

**Prepared by:
Scott Solliday and John Langan**

**Submitted by:
Deil Lundin, Principal Investigator**

**AZTEC ENGINEERING GROUP, INC
4561 E. McDowell Road
Phoenix, AZ 85008
(602) 454-0402**

AZTEC Project No. INMUN1716

AZTEC Cultural Resources Report No. IN19-01

June 2020

Management Summary

The Federal Highway Administration (FHWA) and City of Bloomington (City), acting as Local Public Agency (LPA), intend to proceed with the B-Line Extension Project (Des. No. 1700735). The project is located in northwest Bloomington, Bloomington Township, Monroe County, Indiana, and involves extending the existing B-Line Trail west and north from its current terminus to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road.

This report documents the identification and evaluation efforts for properties included in the Area of Potential Effects (APE) for the B-Line Extension Project. Above-ground resources located within the project APE were identified and evaluated in accordance with Section 106, National Historic Preservation Act (NHPA) of 1966, as amended, and the regulations implementing Section 106 (36 CFR Part 800).

As a result of the NHPA, as amended, and 36 CFR Part 800, federal agencies are required to take into account the impact of federal undertakings upon historic properties in the area of the undertaking. Historic properties include buildings, structures, sites, objects, and/or districts that are eligible for or listed in the National Register of Historic Places (National Register). As this project is receiving funding from the FHWA, it is subject to a Section 106 review.

The APE extends into the Bloomington West Side Historic District, which is listed in the National Register.

As a result of identification and evaluation efforts for this project, one property is recommended eligible for listing in the National Register:

- House at 2102 Fountain Drive (Vernal Pike), IHSSI No. 105-055-35565

Conclusions

One resource in the APE is listed in the National Register:

- Bloomington West Side Historic District (NR-1281)

As a result of identification and evaluation efforts for this project, one property is recommended eligible for listing in the National Register:

- House at 2102 Fountain Drive (Vernal Pike), IHSSI No. 105-055-35565

Appendix E
Consulting Parties

NOTE: This Appendix E is part of the Effect Finding
Documentation.

Invited Section 106 Consulting Parties

Indiana State Historic Preservation Officer

Eastern Shawnee Tribe of Oklahoma

Miami Tribe of Oklahoma

Peoria Tribe of Indians of Oklahoma

Pokagon Band of Potawatomi Indians

Delaware Tribe of Indians of Oklahoma

Monroe County Commissioner District 2

Monroe County Historian

Highway Director, Monroe County Highways Department

Bloomington/Monroe County MPO

Indiana Landmarks, Central Regional Office

Bloomington Historic Preservation Commission

Monroe County History Center

Bloomington Restorations, Inc.

Downtown Bloomington Commission

Monroe County Historic Preservation Board of Review

Jenna Kelly (property owner of 2102 Fountain Drive)

Jason Cook (property owner of 2102 Fountain Drive)

Parties in Bold Responded to Consulting Party Invitation

Appendix F
Correspondence

NOTE: This Appendix F is part of the Effect Finding Documentation.



Bloomington Restorations, Inc.

A FOUNDATION FOR HISTORIC PRESERVATION IN MONROE COUNTY

2920 E. Tenth Street
Bloomington, IN 47408
812-336-0909
bri@Bloomington
Restorations.org

May 23, 2019

Mike Myers
AZTEC Engineering Group, Inc.
320 W 8th St, Suite 100
Bloomington, IN 47404

Re: Des. No.: 1700735, B-Line Trail Extension in Bloomington, Monroe County

Dear Mr. Myers:

Board Members

Devin Blankenship

Ernesto Castaneda

Elizabeth Cox-Ash

Karen Duffy

Henry Glassie

Don Granbois

Pete Kinne

LeAnne Luce

Derek Richey

Jan Sorby

Thank you for your letter dated May 21, 2019 regarding the B-Line Trail extension. Bloomington Restorations, Inc., as the local historic preservation not-for-profit group serving Monroe County, would like to be a consulting party for the Section 106 process for this project.

Our group is particularly concerned about a Victorian-era residential structure at 2102 W Fountain Dr., which we believe is eligible for the National Register of Historic Places. We acquired the property years ago and worked to get it restored, and continue to hold private historic preservation covenants to prevent its demolition or alterations that would detract from its historic character. The property includes a historic stone wall along the front of the property.

We are also concerned about a series of early 20th century residential structures along Crescent Road. We believe structures with at least Contributing ratings are 910, 920, 1129, 1203, 1205, 1207, 1209, 1213, 1219, 1225, 1313 and 1319 N Crescent Road.

We are interested in learning more about the potential path and design of the trail extension.

Sincerely,

Steve Wyatt
Executive Director



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 234-5168

Eric Holcomb, Governor
Joe McGuinness, Commissioner

September 16, 2019

This letter was sent to the listed parties.

RE: B-Line Trail Extension
Des. No. 1700735
City of Bloomington, Monroe County, IN

Dear Consulting Party (see attached list),

The City of Bloomington, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the B-Line Trail Extension Project (Des. No. 1700735). AZTEC Engineering Group, Inc., is under contract with City of Bloomington to advance the environmental documentation for the referenced project.

This letter is part of the early coordination phase of the environmental review process requesting comments associated with this project. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study.

The proposed undertaking involves extending the existing B-Line trail west and north of its current terminus at North Adams Street, between 10th Street and the CSX Railroad, to the intersection of Crescent Road and 17th Street, via CSX Railroad, Vernal Pike, and Crescent Road in Monroe County, Indiana. It is within Bloomington Township, as depicted on the USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West (see attached figures).

The existing B-Line Trail traverses 3.1 miles from West Country Club Drive to its northern terminus at North Adams Street between 10th Street and the CSX Railroad. The proposed segment would connect the existing B-Line Trail with a proposed multi-use path along 17th Street. As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would also be re-configured. In order to accommodate the realignment, approximately 2.7 acres of new, permanent right-of-way (ROW) and approximately 0.6 acre of temporary construction easement are currently anticipated to be required; though ROW requirements will continue to be evaluated throughout the design process.

Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic and archaeological properties. In accordance with 36 CFR 800.2 (c), you are hereby requested to be a consulting party to participate in the Section 106 process. Entities that have been invited to participate in the Section 106 consultation process for this project are identified in the attached list. Per 36 CFR 800.3(f), we hereby request that the Indiana State Historic Preservation Officer (SHPO) notify this office if the SHPO staff is aware of any other parties that may be entitled to be consulting parties or should be contacted as potential consulting parties for the project.

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The Section 106 process involves efforts to identify historic properties potentially affected by the undertaking, assess its effects and seek ways to avoid, minimize or mitigate any adverse effects on historic properties. For more information regarding the protection of historic resources, please see the Advisory Council on Historic Preservation's guide: *Protecting Historic Properties: A Citizen's Guide to Section 106 Review* available online at <https://www.achp.gov/sites/default/files/documents/2017-01/CitizenGuide.pdf>.

At this time, no cultural resource investigations have occurred; however, the results of cultural resource identification and evaluation efforts, both above-ground and archaeological, will be forthcoming. Consulting parties will receive notification when these reports are completed.

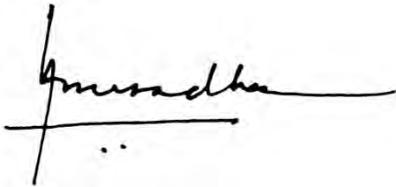
Please review the information and comment within thirty (30) calendar days of receipt. If you indicate that you do not desire to be a consulting party, or if you do not respond, you will not be included on the list of consulting parties for this project. If we do not receive your response in the time allotted, the project will proceed consistent with the proposed design and you will not receive further information about the project unless the design changes.

For questions concerning specific project details, you may contact Deil Lundin of AZTEC Engineering Group, Inc. at 602-458-7488 or dlundin@aztec.us. All future responses regarding the proposed project should be forwarded to AZTEC Engineering Group, Inc. at the following address:

Deil Lundin, MA, RPA
Cultural Resources Program Manager
AZTEC Engineering Group, Inc.
4561 E McDowell Rd
Phoenix, AZ, 85006
dlundin@aztec.us

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Sincerely,



Anuradha V. Kumar, Manager
Cultural Resources Office
Environmental Services

Enclosures:

Project Area Map

Removed to avoid duplication.

Distribution List:
Indiana State Historic Preservation Officer
Eastern Shawnee Tribe of Oklahoma

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Miami Tribe of Oklahoma
Peoria Tribe of Indians of Oklahoma
Pokagon Band of Potawatomi Indians
Delaware Tribe of Indians of Oklahoma
Monroe County Commissioner District 2
Monroe County Historian
Highway Director, Monroe County Highways Department
Bloomington/Monroe County MPO
Indiana Landmarks, Central Regional Office
Bloomington Historic Preservation Commission
Monroe County History Center
Bloomington Restorations, Inc.

From: [Brynne Taylor](#)
To: ithomas@co.monroe.in.us; glmurray@indiana.edu; liridge@co.monroe.in.us; martipa@bloomington.in.gov; central@indianalandmarks.org; herteric@bloomington.in.gov; director@monroehistory.org; bri@bloomingtonrestorations.org
Cc: [INMUN1716 - B-Line Extension and Multiuse Path](#); CKelly1@indot.IN.gov; SBranigin@indot.IN.gov; smiller@indot.IN.gov; akumar@indot.IN.gov
Subject: FHWA Project: Des. No. 1700735; B-Line Trail Extension, Monroe County, IN
Date: Tuesday, September 17, 2019 4:01:00 PM
Attachments: [image001.png](#)
[BLineTrailExtension_Des1700735_Early_Coordination_2019-09-16.pdf](#)

Des. No.: 1700735

Project Description: New Pedestrian Trail

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the B-Line Trail Extension Project (Des. No. 1700735).

Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic properties. The following agencies/individuals are being invited to become consulting parties:

- Indiana State Historic Preservation Officer
- Eastern Shawnee Tribe of Oklahoma
- Miami Tribe of Oklahoma
- Peoria Tribe of Indians of Oklahoma
- Pokagon Band of Potawatomi Indians
- Delaware Tribe of Indians, Oklahoma
- Monroe County Commissioner District 2
- Monroe County Historian
- Monroe County Highways Department
- Bloomington/Monroe County MPO
- Indiana Landmarks, Central Regional Office
- Bloomington Historic Preservation Commission
- Monroe County History Center
- Bloomington Restorations, Inc.

This letter is part of the early coordination phase of the environmental review process requesting comments associated with this project. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study.

Please review the attached letter, which is also located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with your comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your

related opinions and other input to be considered in the preparation of the environmental document. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comments. If we do not receive a response from an invited consulting party within the time allotted, the project will proceed consistent with the proposed design. Therefore, if we do not receive a response within thirty (30) days, your agency or organization will not receive any further information on the project unless the scope of work changes.

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Brynne Taylor
Environmental Planner I

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: 812.369.9744 | BTaylor@aztec.us



aztec.us/follow-us

From: [Kelly, Clint](#)
To: thpo@estoo.net; dhunter@miamination.com; lpappenfort@peoriatribe.com; Matthew.Bussler@pokagonband-nsn.gov; lheady@delawaretribe.org
Cc: [Kumar, Anuradha](#); [Branigin, Susan](#); [Miller, Shaun \(INDOT\)](#); michelle.allen@dot.gov; [Hicks, Zachary](#); [Dye, David](#); [John S. Langan](#); [Brynne Taylor](#)
Subject: FHWA Project: Des. No. 1700735; B-Line Trail Extension, Monroe County, IN
Date: Tuesday, September 17, 2019 4:14:16 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image007.png](#)
[BLineTrailExtension_Des1700735_Early_Coordination_2019-09-16.pdf](#)

Des. No.: 1700735

Project Description: New Pedestrian Trail

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the B-Line Trail Extension Project (Des. No. 1700735).

Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic properties. The following agencies/individuals are being invited to become consulting parties:

- Indiana State Historic Preservation Officer
- Eastern Shawnee Tribe of Oklahoma
- Miami Tribe of Oklahoma
- Peoria Tribe of Indians of Oklahoma
- Pokagon Band of Potawatomi Indians
- Delaware Tribe of Indians, Oklahoma
- Monroe County Commissioner District 2
- Monroe County Historian
- Monroe County Highways Department
- Bloomington/Monroe County MPO
- Indiana Landmarks, Central Regional Office
- Bloomington Historic Preservation Commission
- Monroe County History Center
- Bloomington Restorations, Inc.

This letter is part of the early coordination phase of the environmental review process requesting comments associated with this project. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study.

Please review the attached letter, which is also located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term,

once in IN SCOPE), and respond with your comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comments. If we do not receive a response from an invited consulting party within the time allotted, the project will proceed consistent with the proposed design. Therefore, if we do not receive a response within thirty (30) days, your agency or organization will not receive any further information on the project unless the scope of work changes.

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Clint Kelly

Historian

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Rm. 642

Indianapolis, IN 46204

Office: (317) 232-1349

Email: ckelly1@indot.in.gov





October 3, 2019

Deil Lundin, MA, RPA
Cultural Resources Program Manager
AZTEC Engineering Group, Inc.
4561 E McDowell Road
Phoenix, Arizona 85006

Federal Agency: Indiana Department of Transportation (“INDOT”),
on behalf of Federal Highway Administration, Indiana Division (“FHWA”)

Re: Early coordination letter for the B-Line Trail extension project in Bloomington, Monroe
County, Indiana (Des. No. 1700735; DHPA No. 24393)

Dear Ms. Lundin:

Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the “Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana,” the staff of the Indiana State Historic Preservation Officer (“Indiana SHPO” or “INDNR-DHPA”) has reviewed INDOT’s September 16, 2019 early coordination letter, which we received on September 19, 2019 for the aforementioned project.

In addition to those parties whom INDOT already has invited to participate in the Section 106 consultation on this project, we recommend inviting the Monroe County Historic Preservation Board of Review and Downtown Bloomington Commission. However, if right-of-way is likely to be taken from a potentially historic property, it might be advisable to invite the owner of that property as soon as possible. In your next regular correspondence on this project, please advise us as to which of the invited consulting parties has accepted the invitation.

We look forward to reviewing the proposed area of potential effects and the reports on investigations of above-ground cultural resources and archaeological resources that the early coordination letter indicated will be forthcoming.

The Indiana SHPO staff’s archaeological reviewer for this project is Wade T. Tharp, and the structures reviewer is Danielle Kauffmann. However, if you have a question about the Section 106 process, please contact initially the INDOT Cultural Resources staff members who are assigned to this project.

In all future correspondence about the B-Line Trail extension project in Bloomington, Monroe County, Indiana (Des. No. 1700735), please refer to DHPA No. 24393.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:DMK:dmk

emc: Anuradha Kumar, INDOT
Shaun Miller, INDOT
Susan Branigin, INDOT
Shirley Clark, INDOT
Anthony Ross, INDOT
Deil Lundin, MA, RPA, AZTEC Engineering Group, Inc.
Wade T. Tharp, INDNR-DHPA
Danielle Kauffmann, INDNR-DHPA



October 3, 2019

Deil Lundin, MA, RPA
Cultural Resources Program Manager
AZTEC Engineering Group, Inc.
4561 E. McDowell Rd.
Phoenix, AZ 85006

RE: Des. No. 1700735 – B-Line Trail Extension, City of Bloomington, Monroe County, Indiana

Dear Ms. Lundin:

Thank you for the opportunity to comment on the above undertaking. Indiana Landmarks agrees to be a consulting party for this project. We are interested in learning more about the project as time progresses.

We are aware that there are surveyed historic resources located on and near the proposed B-Line extension path. We hope that the project will seek ways to avoid, minimize, or mitigate any adverse effects on historic properties.

We appreciate your consideration and will look forward to remaining involved in the Section 106 process for this project.

Sincerely,

Joshua Biggs
Community Preservation Specialist



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 234-5168

Eric Holcomb, Governor
Joe McGuinness, Commissioner

February 24, 2020

This letter was sent to the listed parties.

RE: B-Line Trail Extension
Des. No. 1700735 and DHPA No. 24393
City of Bloomington, Monroe County, IN

Dear Consulting Party,

The City of Bloomington, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735).

This letter is part of the Section 106 review process for this project. Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic and archaeological properties. We are requesting comments from you regarding the possible effects of this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study.

A Section 106 early coordination letter was distributed on September 16, 2019.

The proposed undertaking involves extending the B-Line trail west and north of its current terminus at North Adams Street, between 10th Street and the Indiana Railroad, to the intersection of Crescent Road and 17th Street, via Indiana Railroad, Vernal Pike, and Crescent Road in Monroe County, Indiana. It is within Bloomington Township, as depicted on USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West.

The existing B-Line Trail traverses 3.1 miles from West Country Club Drive to its northern terminus at North Adams Street between 10th Street and the Indiana Railroad. The proposed segment would connect the existing B-Line Trail with a proposed multi-use path along 17th Street. As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would also be re-configured. In order to accommodate the realignment, approximately 2.57 acres of new, permanent right-of-way (ROW) and approximately 1.25 acres of temporary construction easement are currently anticipated to be required; though ROW requirements will continue to be evaluated throughout the design process.

AZTEC Engineering Group, Inc., is under contract with the City of Bloomington to advance the environmental documentation for the referenced project. Green3 LLC has been subcontracted to complete the Section 106 archaeology documentation for the project.

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In accordance with 36 CFR 800.2 (c), you were invited to become a consulting party as part of the Section 106 process, or you are hereby invited to become a consulting party as part of the Section 106 process. Entities that have previously accepted consulting party status--as well as additional entities that are currently being invited to become consulting parties--are identified in the attached list.

The Section 106 process involves efforts to identify historic properties potentially affected by the undertaking, to assess the undertaking's effects and to seek ways to avoid, minimize, or mitigate any adverse effects on historic properties. For more information regarding the protection of historic resources, please see the Advisory Council on Historic Preservation's guide: *Protecting Historic Properties: A Citizen's Guide to Section 106 Review* available online at <https://www.achp.gov/sites/default/files/documents/2017-01/CitizenGuide.pdf>.

With regard to archaeological resources, an archaeologist who meets the Secretary of the Interior's Professional Qualification Standards identified 0 sites within the project area. As a result of these efforts, 0 sites were recommended as eligible for listing in the NRHP and no further work is recommended.

Per the Indiana SHPO's request, the following entities are being invited to become consulting parties: Downtown Bloomington Commission, Monroe County Historic Preservation Board of Review, and the property owners of the potentially historic property.

The Archaeology Report (Tribes only) is available for review in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). You are invited to review this document and to respond with comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If you prefer a hard-copy of this material, please respond to this email with your request within seven (7) days.

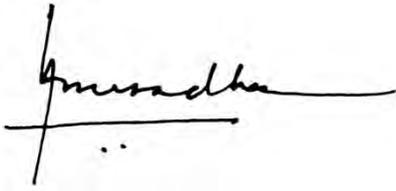
Please review the information and comment within thirty (30) calendar days of receipt. If you indicate that you do not desire to be a consulting party or if you have not previously accepted consulting party status and you do not respond to this letter, you will not be included on the list of consulting parties for this project and will not receive further information about the project unless the design changes.

For questions concerning specific project details, you may contact Mike Myers of AZTEC Engineering Group, Inc. at 480-766-3331 or mmyers@aztec.us. All future responses regarding the proposed project should be forwarded to AZTEC Engineering Group, Inc. at the following address:

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, IN 47404
mmyers@aztec.us

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Sincerely,



Anuradha V. Kumar, Manager
Cultural Resources Office
Environmental Services

Enclosures:

Project Area Map **Removed to avoid duplication.**

Distribution List:

Accepted Consulting Party Status

Indiana State Historic Preservation Officer; 402 W Washington Street, W274, Indianapolis, IN 46204

Bloomington Restorations, Inc.; bri@bloomingtonrestorations.org

Indiana Landmarks, Central Regional Office; central@indianalandmarks.org

Invited Consulting Party Status

Downtown Bloomington Commission; tcoppock@downtownbloomington.com

Monroe County Historic Preservation Board of Review; cpetersen@co.monroe.in.us

Jenna Kelly (property owner of 2102 Vernal Pike); 2102 W Fountain Drive, Bloomington, IN 47404

Jason Cook (property owner of 2102 Vernal Pike); 2102 W Fountain Drive, Bloomington, IN 47404

From: [Brynne Taylor](#)
To: bri@bloomingtonrestorations.org; central@indianalandmarks.org; tcoppock@downtownbloomington.com; cpetersen@co.monroe.in.us
Cc: [Miller, Shaun \(INDOT\)](#); [Kelly, Clint](#); [Ross, Anthony](#); sbranigin@indot.in.gov; [USA-AZT-INMUN-01716-000-BLine Extension and Multiuse Path](#)
Subject: FHWA Project: Des. No. 1700735; B-Line Trail Extension, Monroe County, IN
Date: Tuesday, February 25, 2020 9:07:14 AM
Attachments: [image001.png](#)
[B-LineTrailExtension_Des1700735_PhaseIa_DistributionLetter_2020-02-24.pdf](#)

Des. No.: 1700735

Project Description: Extend existing B-Line multiuse trail west and north to the intersection of North Crescent Road and 17th Street/West Vernal Pike, via a section of the Indiana Railroad right-of-way (ROW), Fountain Drive, and North Crescent Road. The project also involves realigning a section of Fountain Drive, and the intersection of Fountain Drive and North Crescent Road.

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation, proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735). The Section 106 Early Coordination Letter for this project was originally distributed on September 16, 2019.

As part of Section 106 of the National Historic Preservation Act, an Archaeology Report has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Brynne Taylor
Environmental Planner I

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: 812.369.9744 | BTaylor@aztec.us



aztec.us/follow-us

From: [Miller, Shaun \(INDOT\)](#)
To: [Brynne Taylor](#)
Cc: [Ross, Anthony](#); [Kelly, Clint](#)
Subject: RE: FHWA Project: Des. No. 1700735; B-Line Trail Extension, Monroe County, IN
Date: Wednesday, February 26, 2020 9:27:42 AM
Attachments: [image001.png](#)

Hi Brynne,

Thanks for sending out this notification to consulting parties. To be consistent with the terms of the Tribal MOU and internal CRO policies, I've decided not to forward this message to Tribes because none responded to the ECL. Regardless, sending this message to CP's was the proper protocol.

Have a great day!

Shaun Miller
INDOT, Cultural Resources Office
Archaeology Team Lead
(317)233-6795

From: Brynne Taylor <BTaylor@aztec.us>
Sent: Tuesday, February 25, 2020 9:07 AM
To: bri@bloomingtonrestorations.org; central@indianalandmarks.org;
tcoppock@downtownbloomington.com; cpetersen@co.monroe.in.us
Cc: Miller, Shaun (INDOT) <smiller@indot.IN.gov>; Kelly, Clint <CKelly1@indot.IN.gov>; Ross, Anthony <ARoss3@indot.IN.gov>; Branigin, Susan <S Branigin@indot.IN.gov>; USA-AZT-INMUN-01716-000-BLine_Extension_and_Multiuse_Path <USA-AZT-INMUN-01716-000@aztec.us>
Subject: FHWA Project: Des. No. 1700735; B-Line Trail Extension, Monroe County, IN

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Des. No.: 1700735

Project Description: Extend existing B-Line multiuse trail west and north to the intersection of North Crescent Road and 17th Street/West Vernal Pike, via a section of the Indiana Railroad right-of-way (ROW), Fountain Drive, and North Crescent Road. The project also involves realigning a section of Fountain Drive, and the intersection of Fountain Drive and North Crescent Road.

Location: City of Bloomington, Monroe County, IN

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Thank you in advance for your input,
Brynne Taylor
Environmental Planner I

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: 812.369.9744 | BTaylor@aztec.us



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INDIANA LANDMARKS

Central Regional Office

1201 Central Avenue, Indianapolis, IN 46202

317 639 4534 / 800 450 4534 / www.indianalandmarks.org

February 27, 2020

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th St., Ste. 100
Bloomington, IN 47404

RE: Des. No. 1700735 – B-Line Trail Extension, City of Bloomington, Monroe County, Indiana

Dear Mr. Myers:

Thank you for the opportunity to comment on the above undertaking. We have reviewed the letter from the Indiana Department of Transportation (INDOT), dated 2/24/2020.

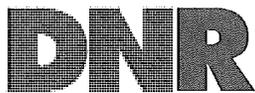
We have surveyed the area in proximity to the subject area/Area of Potential Effects. According to the Indiana State Historic Architectural and Archaeological Research Database (SHAARD), there is one property listed as an “Outstanding” resource in close proximity to the proposed B-Line Trail Extension, a Queen Anne cottage, located at 2102 W. Fountain Drive, Bloomington, IN 47404; County Survey Site ID: 105-055-35565. We believe this property is very likely eligible for inclusion in the National Register of Historic Places. It should also be noted that Indiana Landmarks holds a protective preservation covenant on this property; reference: Monroe County Document #2004013444.

We hope this project will seek ways to avoid, minimize, or mitigate any adverse effects on the property at 2102 W. Fountain Drive.

We appreciate your consideration and will look forward to remaining involved in the Section 106 process for this project.

Sincerely,

Joshua Biggs
Community Preservation Specialist



Division of Historic Preservation & Archaeology · 402 W. Washington Street, W274 · Indianapolis, IN 46204-2739
Phone 317-232-1646 · Fax 317-232-0693 · dhpa@dnr.IN.gov · www.IN.gov/dnr/historic



March 24, 2020

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, Indiana 47404

Federal Agency: Indiana Department of Transportation (“INDOT”),
on behalf of Federal Highway Administration, Indiana Division (“FHWA”)

Re: Indiana archaeological short report (C. Jackson, 08/26/2019) for the B-Line Trail extension project in
the City of Bloomington, Monroe County, Indiana (Des. No. 1700735; DHPA No. 24393)

Dear Mr. Myers:

Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the “Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana,” the staff of the Indiana State Historic Preservation Officer (“Indiana SHPO” or “INDNR-DHPA”) has reviewed INDOT’s February 24, 2020, letter, which enclosed the aforementioned archaeological report, all of which we received on February 26, 2020, for the aforementioned project.

Thank you for extending an invitation to those parties we recommended in our October 3, 2019, letter. In your next regular correspondence, please advise us as to which of the additional invited consulting parties has accepted the invitation to participate in the Section 106 process of this project.

As previously indicated, we look forward to reviewing the proposed area of potential effects and the report on investigations of above-ground cultural resources that the September 16, 2019, early coordination letter indicated will be forthcoming.

Additionally, based on the submitted information and the documentation available to the staff of the Indiana SHPO, we have not identified any currently known archaeological resources listed in or eligible for inclusion in the National Register of Historic Places (“NRHP”) within the proposed project area; and we concur with the opinion of the archaeologist, as expressed in the Indiana archaeological short report (C. Jackson, 08/26/2019), that no further archaeological investigations appear necessary at the proposed project area.

If any prehistoric or historic archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29) requires that the discovery be reported to INDNR-DHPA within two (2) business days. In that event, please call (317) 232-1646. Be advised that adherence to Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29 does not obviate the need to adhere to applicable federal statutes and regulations, including but not limited to 36 C.F.R. Part 800.

The Indiana SHPO staff’s archaeological reviewer for this project is Wade T. Tharp, and the structures reviewer is Danielle Kauffmann. However, if you have a question about the Section 106 process, please contact initially the INDOT Cultural Resources staff members who are assigned to this project.

Mike Myers
March 24, 2020
Page 2

In all future correspondence about the B-Line Trail extension project in the City of Bloomington, Monroe County, Indiana (Des. No. 1700735), please refer to DHPA No. 24393.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:DMK:WTT:wtt

emc: Erica Tait, FHWA
Anuradha Kumar, INDOT
Shaun Miller, INDOT
Susan Branigin, INDOT
Shirley Clark, INDOT
Anthony Ross, INDOT
Mike Myers, AZTEC Engineering Group, Inc.
Christopher Jackson, Green 3, LLC
Bloomington Restorations, Inc.
Indiana Landmarks, Central Regional Office
Wade T. Tharp, INDNR-DHPA
Danielle Kauffmann, INDNR-DHPA



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 234-5168

Eric Holcomb, Governor
Joe McGuinness, Commissioner

June 22, 2020

This letter was sent to the listed parties.

RE: B-Line Trail Extension
Des. No. 1700735 and DHPA No. 24393
City of Bloomington, Monroe County, IN

Dear Consulting Party,

The City of Bloomington, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735).

This letter is part of the Section 106 review process for this project. Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic and archaeological properties. We are requesting comments from you regarding the possible effects of this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study.

A Section 106 early coordination letter was distributed on September 16, 2019. In addition, a letter distributed on February 24, 2020 notified consulting parties that an archaeology report was available for review and comment.

The proposed undertaking is located in northwest Bloomington, Monroe County, Indiana, and involves extending the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. It is within Bloomington Township, as depicted on USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West.

The City, in their *Parks and Recreation Master Plan, 2016-2020* published on December 2, 2015, identified goals to extend trail or multi-use path connections where current facilities are lacking. These goals included new trail or multi-use path connections in both incorporated areas of the city as well as opportunities to consider connections to communities adjacent to the city based on available revenue or grants. Currently there is a gap between the B-Line Trail system and residential, businesses, and other City facilities on 17th Street. The project would provide this connection and further promote non-motorized uses by residents. The project would extend the City of Bloomington's signature trail, the B-Line, from its north terminus at Adams Street to Fountain Drive (formerly Vernal Pike) and connect the new trail head to other pedestrian facilities in the City's network.

The extension of the B-Line Trail will run parallel to and north of the Indiana Railroad from Adams Street to Fountain Drive and will have widths of 10-12 feet. A new multi-use path will run north from the Indiana

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Railroad/Fountain Drive intersection along the east side of Fountain Drive and Crescent Road to 17th Street and will have widths of 8-12 feet.

As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would be re-configured. In order to accommodate the realignment, approximately 2.39 acres of new permanent right-of-way (ROW) and approximately 1.49 acres of temporary construction easement are currently anticipated to be required; though ROW requirements will continue to be evaluated throughout the design process.

AZTEC Engineering Group, Inc., is under contract with the City of Bloomington to advance the environmental documentation for the referenced project. Green3 LLC has been subcontracted to complete the Section 106 archaeology documentation for the project.

In accordance with 36 CFR 800.2 (c), you were invited to become a consulting party as part of the Section 106 process, or you are hereby invited to become a consulting party as part of the Section 106 process. Entities that have previously accepted consulting party status--as well as additional entities that are currently being invited to become consulting parties--are identified in the attached list.

The Section 106 process involves efforts to identify historic properties potentially affected by the undertaking, to assess the undertaking's effects and to seek ways to avoid, minimize, or mitigate any adverse effects on historic properties. For more information regarding the protection of historic resources, please see the Advisory Council on Historic Preservation's guide: *Protecting Historic Properties: A Citizen's Guide to Section 106 Review* available online at <https://www.achp.gov/sites/default/files/documents/2017-01/CitizenGuide.pdf>.

The Area of Potential Effects (APE) is the area in which the proposed project may cause alterations in the character or use of historic resources. The APE contains the Bloomington West Side Historic District, NR-1281, listed in the National Register of Historic Places (NRHP).

A historian who meets the Secretary of the Interior's Professional Qualification Standards identified and evaluated above-ground resources within the APE for potential eligibility for the NRHP. As a result of the historic property identification and evaluation efforts, one property, the house at 2102 Fountain Drive (formerly Vernal Pike), IHSSI No. 105-055-35565, is recommended eligible for listing in the NRHP.

Per the Indiana State Historic Preservation Office's request, the following entities were invited to become consulting parties but did not accept consulting party status: Downtown Bloomington Commission, Monroe County Historic Preservation Board of Review, and the property owners of the house at 2102 Fountain Drive.

The Historic Property Report is available for review in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). You are invited to review this document and to respond with comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If you prefer a hard-copy of this material, please respond to this email with your request within seven (7) days.

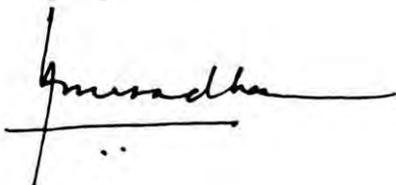
Please review the information and comment within thirty (30) calendar days of receipt. If you indicate that you do not desire to be a consulting party or if you have not previously accepted consulting party status and you do not respond to this letter, you will not be included on the list of consulting parties for this project and will not receive further information about the project unless the design changes.

For questions concerning specific project details, you may contact Mike Myers of AZTEC Engineering Group, Inc. at 480-766-3331 or mmyers@aztec.us. All future responses regarding the proposed project should be forwarded to AZTEC Engineering Group, Inc. at the following address:

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, IN 47404
mmyers@aztec.us

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Sincerely,



Anuradha V. Kumar, Manager
Cultural Resources Office
Environmental Services

Enclosures:

Project Area Map	Removed to avoid duplication.
Area of Potential Effects (APE) Map	

Distribution List:

Accepted Consulting Party Status

Indiana State Historic Preservation Officer; 402 W Washington Street, W274, Indianapolis, IN 46204
Bloomington Restorations, Inc.; bri@bloomingtonrestorations.org
Indiana Landmarks, Central Regional Office; central@indianalandmarks.org

Invited Consulting Party Status

Jenna Kelly (property owner of 2102 Vernal Pike); 2102 W Fountain Drive, Bloomington, IN 47404
Jason Cook (property owner of 2102 Vernal Pike); 2102 W Fountain Drive, Bloomington, IN 47404

From: [Brynne Taylor](#)
To: central@indianalandmarks.org; bri@bloomingtonrestorations.org
Cc: [Kelly, Clint](#); [Miller, Shaun \(INDOT\)](#); [Branigin, Susan](#); [Ross, Anthony](#); [USA-AZT-INMUN-01716-000-BLine Extension and Multiuse Path](#)
Subject: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN
Date: Monday, June 22, 2020 12:39:57 PM
Attachments: [B-LineTrailExtension_Des1700735_HPR_DistributionLetter_2020-06-22.pdf](#)
[image001.png](#)

Des. No.: 1700735

Project Description: Extend the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. The project also involves realigning a section of Fountain Drive, and reconfiguration of the intersection at Fountain Drive and Crescent Road.

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation, proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735). The Section 106 Early Coordination Letter for this project was originally distributed on September 16, 2019. In addition, a letter distributed on February 24, 2020 notified consulting parties that an archaeology report was available for review and comment.

As part of Section 106 of the National Historic Preservation Act, a Historic Property Report has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,
Brynne Taylor
Environmental Planner I

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: 812.369.9744 | BTaylor@aztec.us



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INDIANA LANDMARKS

Central Regional Office

1201 Central Avenue, Indianapolis, IN 46202

317 639 4534 / 800 450 4534 / www.indianalandmarks.org

June 25, 2020

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, IN 47404

RE: Des. No. 1700735 – B-Line Trail Extension, Bloomington, Monroe County, Indiana

Dear Mr. Myers:

Thank you for the opportunity to comment on the above undertaking. We have reviewed the Historic Property Report, prepared by AZTEC Engineering Group.

We are pleased to hear that 2102 Fountain Dr. (County Survey Site ID: 105-055-35565) was recommended eligible for inclusion in the National Register of Historic Places. We look forward to reviewing the upcoming Effects Report, and to learn how any adverse effects to 2102 Fountain Dr. will be avoided, minimized, or mitigated.

We appreciate your consideration and will look forward to remaining involved in the Section 106 process for this project.

Sincerely,

Joshua Biggs
Community Preservation Specialist

From: [Brynne Taylor](#)
To: [Joshua Biggs](#)
Cc: [Kelly, Clint](#); [Branigin, Susan](#); [Ross, Anthony](#); [Dye, David](#); [Hicks, Zachary](#); [USA-AZT-INMUN-01716-000-BLine Extension and Multiuse Path](#); [Adrian Reid](#); [Mike Myers](#)
Subject: RE: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN
Date: Friday, June 26, 2020 11:48:00 AM
Attachments: [image002.png](#)
[image003.png](#)

Mr. Biggs,

Thank you for your comments regarding the Historic Properties Report for the B-Line Trail Extension Project (Des No. 1700735 and DHPA No. 24393). Indiana Landmarks has been added as a consulting party for the Section 106 process. Additionally, the information you provided has been received and passed on to the INDOT Project Manager/Project team and will become part of the project's Section 106 consultation records.

Thank you,

Brynne Taylor
Environmental Planner

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: **812.369.9744** | BTaylor@aztec.us



aztec.us/follow-us

From: Joshua Biggs <jbiggs@indianalandmarks.org>
Sent: Thursday, June 25, 2020 5:39 PM
To: Mike Myers <MMyers@aztec.us>
Cc: Brynne Taylor <BTaylor@aztec.us>
Subject: RE: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN

Good afternoon Mike and Brynne,

Attached is Indiana Landmarks' response to the Historic Property Report for this Section 106 project.

I also propose a minor correction to the HPR. Regarding the protective covenant that Indiana Landmarks holds on 2102 Fountain Drive, the report reads, "The property was then sold to an individual with a deed restriction prohibiting any alterations to the house or its historic features."

The sentence may more accurately read, "The property was then sold to an individual with a deed restriction prohibiting alterations, modifications, or changes to any structure on the property

without prior written approval of Landmarks.” The recorded covenant is attached for your reference.

Thanks, and let me know if you have any questions.

Best,

.....
Joshua Biggs

Community Preservation Specialist
.....

Indiana Landmarks

1201 North Central Avenue

Indianapolis, IN 46202

Ph. 317-822-7908, 800-450-4534

Fax: 317-639-6734

www.indianalandmarks.org

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From: Brynne Taylor <BTaylor@aztec.us>

Sent: Monday, June 22, 2020 12:40 PM

To: Central (CRO) <Central@indianalandmarks.org>; bri@bloomingtonrestorations.org

Cc: Kelly, Clint <CKelly1@indot.IN.gov>; Miller, Shaun (INDOT) <smiller@indot.IN.gov>; Branigin, Susan <SBranigin@indot.IN.gov>; Ross, Anthony <ARoss3@indot.IN.gov>; USA-AZT-INMUN-01716-000-BLine_Extension_and_Multiuse_Path <USA-AZT-INMUN-01716-000@aztec.us>

Subject: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN

Des. No.: 1700735

Project Description: Extend the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. The project also involves realigning a section of Fountain Drive, and reconfiguration of the intersection at Fountain Drive and Crescent Road.

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Thank you in advance for your input,
Brynne Taylor
Environmental Planner I

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: **812.369.9744** | BTaylor@aztec.us



aztec.us/follow-us

Loan # 893

**DECLARATION OF PROTECTIVE COVENANTS AND CONDITIONS
PERTAINING TO USE AND RESALE OF REAL ESTATE**

THIS DECLARATION is made this 18th day of June, 2004 by
BLOOMINGTON RESTORATIONS, INC. ("Declarant"):

Recitals

1. Declarant is the owner of the real estate which is described below (the "Real Estate"):

A part of the Northwest Quarter of Section 32, Township 9 North, Range 1 West described as follows, to-wit: Commencing at a point which is 1591 feet South and 47.7 feet East of the Northwest corner of aforesaid Section 32, which point is the center line of the Vernal Pike; thence East 21.8 feet to the corner of a stone post, thence Northeast 45.5 feet to a 12 inch hard maple tree which is 10.5 feet North and 44.4 feet East of the aforementioned stone post; thence East 213.2 feet to a point; thence south 130 feet to a point; thence in a Southwesterly direction at an angle of 92 degrees, a distance of 158.7 feet to the center line of the Vernal Pike; thence along and with the center line of the Vernal Pike 146.15 feet to the place of beginning, containing .54 acres, more or less.

Commonly known as 2102 Vernal Pike, Bloomington, Indiana.

2. Historic Landmarks Foundation of Indiana, Inc. ("Landmarks") and Declarant desire that the Real Estate, including improvements, be protected and restored. In furtherance of this common desire, Landmarks has agreed to loan Declarant the principal sum of Twenty Five Thousand Dollars (\$25,000.00) (the "Loan") for the restoration of the Real Estate, provided Declarant subjects the Real Estate to the perpetual protective covenants and conditions contained herein, and Declarant has agreed to so subject the Real Estate.

3. The Loan will be secured by a mortgage of the Real Estate of even date herewith from Declarant to Landmarks (the "Mortgage").

Declaration

Declarant hereby declares that the Real Estate is and shall be acquired, held, transferred, sold, hypothecated, leased, rented, improved, used and occupied subject to the following provisions, agreements, covenants, conditions and restrictions, each of which shall run with the Real Estate in perpetuity, and be binding upon Declarant and any other person or entity hereafter acquiring or having any right, title or interest in or to the Real Estate or any part thereof:

1. **Restoration, Maintenance, and Use of Property.**

(a) **Restoration Plan.** Within ninety (90) days hereof, and before beginning restoration work, Declarant shall submit to Landmarks a restoration plan. The restoration plan, including any amendments thereto, shall consist of all documents, drawings, and reports, if any, required by applicable laws, ordinances, and regulations to be submitted by Declarant to any governmental or regulatory authority to obtain any license, permit, or other approval, if any, required for the exterior restoration work, together with such other documents, drawings, and reports as are reasonably necessary specifically to describe and illustrate the exterior restoration work. Landmarks shall either approve or disapprove the restoration plan within thirty (30) days of submission and any amendment thereto within fifteen (15) days of submission. Any disapproval shall state specifically the reason for the disapproval. Landmark's failure to disapprove the restoration plan or amendment thereto within such periods shall be deemed an approval.

(b) **Restoration Work.** Within thirty (30) days following approval of the restoration plan, Declarant shall begin the restoration work and proceed with diligence to complete the restoration work in strict compliance with the restoration plan. The restoration work shall be completed no later than eighteen (18) months following approval of the restoration plan. The restoration work shall consist of all materials, labor, and acts required to restore the exterior of the Real Estate to a condition consistent with its original construction or, to the extent such restoration is not possible, to a condition consistent with comparably styled real estate of the same original construction era. All restoration work shall be performed with first class materials and workmanship to restore the Real Estate to a "first class condition", as that phrase is hereinafter defined. All restoration work shall be performed in full compliance with applicable laws, ordinances, and regulations.

(c) **Maintenance.** Declarant shall maintain the exterior of the Real Estate in a "first class condition". "First class condition" includes, without limitations: chimneys tuckpointed or otherwise safe and sound; roof, flashings, gutters, and downspouts weathertight and of original materials or those specified in the restoration plan; masonry tuckpointed and/or otherwise secure and sound; painted surfaces maintained in appropriate colors and free of obvious peeling, rusting, or other discoloration; windows, doors, and other wooden elements maintained free of rot, caulked where appropriate, and close fitting; exposed metal surfaces free from rust or oxidation and protected with appropriate materials; window lights in place where originally existing and properly glazed; foundation walls sound and secure; fences maintained and in sound condition; building and grounds reasonably free of debris, construction materials, or waste and without inappropriate fixtures, devices, or things attached to or around the Real Estate; and the Real Estate maintained in compliance with all applicable laws, ordinances, and regulations.

2. **Demolition, Alteration, New Construction, and Sign.**

(a) No structure located on the Real Estate shall be removed, demolished, or otherwise intentionally destroyed without the prior written approval of Landmarks. The exterior of any structure on the Real Estate shall not be altered, modified, or changed nor shall any change be made in the color, texture, or materials of any structure on the Real Estate without the prior written approval of Landmarks. No new structure or addition to any existing structure shall be constructed or any new or old structure installed or moved onto the Real Estate without prior written approval of Landmarks.

(b) Without the written consent of Landmarks, nothing may be erected on the Real Estate which would obscure any part of the facades of the structures located on the Real Estate from the main viewpoint or viewpoints of the structures from road level, except for temporary structures, such as scaffolds needed to assist workman, and except for vegetation of the quantity (with allowance for managed growth) and type now on the Real Estate, it being the intention of Landmarks and Declarant that at least one of the facades remain visible to the public from roads adjoining the Real Estate.

(c) Declarant agrees to permit Landmarks to install a plaque, at Landmark's expense, on the exterior of the Building(s), in a location easily visible from the main street or artery, indicating that the Real Estate is subject to these Covenants. Said plaque shall be maintained by Declarant, and if missing, replaced by Declarant, its successors and/or assigns, replicating the original plaque in every respect.

3. **Remedies.** If Declarant fails to submit and secure approval of a restoration plan or fails to complete restoration work in accordance with the restoration plan and this Declaration of Protective Covenants and Conditions, fails to commence or complete construction of any new structure approved by Landmarks in accordance with the terms of such approval, or if Declarant should, without Landmark's written approval, sell, contract to sell, convey, or otherwise dispose of, or attempt to sell, convey, or otherwise dispose of, the Real Estate before completion of the restoration work, then, in any of such events, Landmarks may:

(a) So long as the Mortgage encumbers the Real Estate, declare a default and institute foreclosure proceedings thereunder;

(b) Obtain injunctive relief to force compliance by Declarant with the provisions of this Declaration of Protective Covenants and Conditions; and

(c) Pursue such other remedies at law and in equity as may be available to Landmarks.

If, after completion of the restoration work, Declarant fails to maintain the Real Estate in a first class condition or violates or threatens to violate Section 2 of this Declaration of Protective Covenants and Conditions, then Landmarks may:

(a) Obtain injunctive relief to force compliance by Declarant with such provisions of this Declaration of Protective Covenants and Conditions and so long as the Mortgage encumbers the Real Estate, declare a default and institute foreclosure proceedings thereunder; and

(b) Pursue other remedies at law and in equity as may be available to Landmarks.

Declarant shall reimburse Landmarks for all attorneys' fees and court costs incurred by Landmarks in successfully pursuing any legal or equitable remedy for Declarant's breach of this Declaration of Protective Covenants and Conditions Pertaining to Use and Resale of Real Estate.

4. **Sales and Transfers.** In the event Declarant intends to sell the Real Estate, Landmarks shall have a first right to purchase the Real Estate by matching any bona fide offer on the same terms and conditions within ten (10) days after receipt of a written notice specifying the name and address of the offeror and the terms and conditions of the offer. The notice shall be mailed by Declarant to Landmarks at its address of record by certified mail, return receipt attached. Any purported sale of the Real Estate in violation of this provision shall be voidable within five (5) years from date of recording the document evidencing such sale at the election of Landmarks, and Landmarks may take such other action against the parties to such transactions as is permitted by law or equity.

5. **Amendment, Duration, and Successors.** The provisions of this instrument may be amended only by written instrument signed by Landmarks or its assign or successor in interest and by the Declarant or its assign or successor in interest. These restrictions shall be binding on the parties hereto, their heirs, successors, and assigns, and run with the Real Estate, in perpetuity. Landmarks may, by written instrument recorded in the Office of the Recorder of Monroe County, assign or otherwise transfer any or all of its right, title, or interest reserved or granted under this instrument.

6. **Remedies Cumulative.** In the event of a violation of this Declaration of Protective Covenants and Conditions, all legal and equitable remedies shall be available to Landmarks, including, without limiting the generality of the foregoing, injunctive relief and damages. No remedy provided in this Declaration of Protective Covenants and Conditions shall be exclusive of any other remedy provided herein or of any remedy provided or permitted at law or in equity, but each shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity.

7. **Separability.** The above conditions and covenants are intended to be separable and, if any is found to be void or invalid, such finding shall not affect the validity or enforceability of those remaining.

IN WITNESS WHEREOF, Declarant has executed this Declaration as of the date and year first set forth above.

Declarant

BLOOMINGTON RESTORATIONS, INC.

By: Elizabeth Cox-Ash
(Name)

ELIZABETH COX-ASH PRESIDENT BRI
(Title)

Address: P.O. Box 1522
Bloomington, IN 47402

STATE OF INDIANA)
)SS:
COUNTY OF MONROE

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared Elizabeth Cox-Ash (Name) the President (Title) of BLOOMINGTON RESTORATIONS, INC., a not-for-profit Indiana Corporation who acknowledged the execution of the foregoing instrument for and on behalf of said entity.

Witness my hand and Notarial Seal this 18th day of June 2004.

Wesley S. Mason

Wesley S. Mason, Notary Public
residing in Monroe County, Indiana

My Commission Expires:

12/6/06

This document prepared by (and return to) Mary F. Burger; Director of Finance, Historic Landmarks Foundation of Indiana, Inc.; 340 West Michigan St., Indianapolis, IN 46202 (1-800-450-4534)

File: C: 893 provc.doc

Division of Historic Preservation & Archaeology · 402 W. Washington Street, W274 · Indianapolis, IN 46204-2739
Phone 317-232-1646 · Fax 317-232-0693 · dhpa@dnr.IN.gov · www.IN.gov/dnr/historic



July 6, 2020

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, Indiana 47404

Federal Agency: Indiana Department of Transportation (“INDOT”),
on behalf of Federal Highway Administration, Indiana Division (“FHWA”)

Re: Historic property report (Solliday/Langan, 6/2020) for the B-Line Trail extension project in the
City of Bloomington, Monroe County, Indiana (Des. No. 1700735; DHPA No. 24393)

Dear Mr. Myers:

Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the “Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana,” the staff of the Indiana State Historic Preservation Officer (“Indiana SHPO” or “INDNR-DHPA”) has reviewed your June 22, 2020, review request submittal form, which enclosed the aforementioned historic property report (“HPR”; Solliday/Langan, 6/2020), received the same day, for the aforementioned project.

The proposed area of potential effects (“APE”) appears to be of adequate size to encompass the geographic area in which direct and indirect effects of a project of this nature could occur.

For the purposes of the Section 106 review of this federal undertaking, we agree with the conclusions of the HPR that the Bloomington West Side Historic District (NR-1281), which is listed in the National Register of Historic Places (“NRHP”) on February 14, 1997, is located within the project’s APE. Furthermore, we also agree that the house at 2102 Fountain Drive (Indiana Historic Sites and Structures Inventory [“IHSSI”] #105-055-35565) is eligible for inclusion in the NRHP.

Regarding the former Hensonburg School (IHSSI #105-055-35520), for the purposes of the Section 106 review of this federal undertaking, we agree that it is ineligible for inclusion in the NRHP. However, further information and interior photographs in the future may allow our office to reassess that evaluation. Therefore, we agree with the conclusions in the HPR that West Side Historic District and the House at 2102 Fountain Drive are the only historic properties located within the project’s APE.

When it is time to assess the effects on historic properties located within the APE, it will be interesting to note if any of the temporary or permanent right-of-way will be taken from the boundaries of historic properties. Also, we note that the HPR mentions the contributing stone wall to the NRHP-eligible house and we would like to know if and how the proposed project will avoid impacting that feature.

As previously indicated, based on the submitted information and the documentation available to the staff of the Indiana SHPO, we have not identified any currently known archaeological resources listed in or eligible for inclusion in the NRHP within the proposed project area and we concur with the opinion of the archaeologist that no further archaeological investigations appear necessary at the proposed project area.

If any prehistoric or historic archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29) requires that the discovery be reported to the Indiana Department of Natural Resources (“IDNR”) within two (2) business days. In that event, please call (317) 232-1646. Be advised that adherence to Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29 does not obviate the need to adhere to applicable federal statutes and regulations, including but not limited to 36 C.F.R. Part 800.

The Indiana SHPO staff’s archaeological reviewer for this project is Wade T. Tharp, and the structures reviewer is Danielle Kauffmann. However, if you have a question about the Section 106 process, please contact initially the INDOT Cultural Resources staff members who are assigned to this project.

In all future correspondence about the B-Line Trail extension project in Bloomington, Monroe County (Des. No. 1700735), please continue to refer to DHPA No. 24393.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:DMK:dmk

- emc: Erica Tait, FHWA
Anuradha Kumar, INDOT
Shaun Miller, INDOT
Anthony Ross, INDOT
Susan Branigin, INDOT
Mike Myers, AZTEC Engineering Group, Inc.
Bloomington Restorations, Inc.
Indiana Landmarks, Central Regional Office
Danielle Kauffmann, INDNR-DHPA
Wade T. Tharp, INDNR-DHPA



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 234-5168

Eric Holcomb, Governor
Joe McGuinness,
Commissioner

July 31, 2020

This letter was sent to the listed parties.

RE: B-Line Trail Extension
Des. No. 1700735 and DHPA No. 24393
City of Bloomington, Monroe County, IN

Dear Consulting Party,

The City of Bloomington, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735).

This letter is part of the Section 106 review process for this project. Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic and archaeological properties. We are requesting comments from you regarding the possible effects of this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study.

A Section 106 early coordination letter was distributed on September 16, 2019. A letter distributed on February 24, 2020 notified consulting parties that an archaeology report was available for review and comment. Additionally, a letter distributed June 16, 2020 notified consulting parties that a historic property report was available for review and comment.

The proposed undertaking involves extending the B-Line trail west and north of its current terminus at North Adams Street, between 10th Street and the Indiana Railroad, to the intersection of Crescent Road and 17th Street, via Indiana Railroad, Vernal Pike, and Crescent Road in Monroe County, Indiana. It is within Bloomington Township, as depicted on USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West.

The City, in their *Parks and Recreation Master Plan, 2016-2020* published on December 2, 2015, identified goals to extend trail or multi-use path connections where current facilities are lacking. These goals included new trail or multi-use path connections in both incorporated areas of the city as well as opportunities to consider connections to communities adjacent to the city based on available revenue or grants. Currently there is a gap between the B-Line Trail system and residential, businesses, and other City facilities on 17th Street. The project would provide this connection and further promote non-motorized uses by residents. The project would extend the City of Bloomington's signature trail, the B-Line, from its north terminus at Adams Street to Fountain Drive (formerly Vernal Pike) and connect the new trail head to other pedestrian facilities in the City's network.

The extension of the B-Line Trail will run parallel to and north of the Indiana Railroad from Adams Street to Fountain Drive and will have widths of 10-12 feet. A new multi-use path will run north from the Indiana

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Railroad/Fountain Drive intersection along the east side of Fountain Drive and Crescent Road to 17th Street and will have widths of 8-12 feet.

As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would be re-configured. In order to accommodate the realignment, approximately 2.39 acres of new permanent right-of-way (ROW) and approximately 1.49 acres of temporary construction easement are currently anticipated to be required; though ROW requirements will continue to be evaluated throughout the design process.

AZTEC Engineering Group, Inc., is under contract with the City of Bloomington to advance the environmental documentation for the referenced project. Green3 LLC has been subcontracted to complete the Section 106 archaeology documentation for the project.

In accordance with 36 CFR 800.2 (c), you were invited to become a consulting party as part of the Section 106 process, or you are hereby invited to become a consulting party as part of the Section 106 process. Entities that have previously accepted consulting party status--as well as additional entities that are currently being invited to become consulting parties--are identified in the attached list.

The Section 106 process involves efforts to identify historic properties potentially affected by the undertaking, to assess the undertaking's effects and to seek ways to avoid, minimize, or mitigate any adverse effects on historic properties. For more information regarding the protection of historic resources, please see the Advisory Council on Historic Preservation's guide: *Protecting Historic Properties: A Citizen's Guide to Section 106 Review* available online at <https://www.achp.gov/sites/default/files/documents/2017-01/CitizenGuide.pdf>.

The Area of Potential Effects (APE) is the area in which the proposed project may cause alterations in the character or use of historic resources. The APE contains the Bloomington West Side Historic District, NR-1281, listed in the National Register of Historic Places (NRHP).

With regard to archaeological resources, an archaeologist who meets the Secretary of the Interior's Professional Qualification Standards identified 0 sites within the project area. As a result of these efforts, 0 sites were recommended as eligible for listing in the NRHP and no further work is recommended.

Per the Indiana State Historic Preservation Office's request, the following entities were invited to become consulting parties but did not accept consulting party status: Downtown Bloomington Commission, Monroe County Historic Preservation Board of Review, and the property owners of the house at 2102 Fountain Drive.

The Addendum Archaeology Report (Tribes only) is available for review in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). You are invited to review these documents and to respond with comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If you prefer a hard-copy of this material, please respond to this email with your request within seven (7) days.

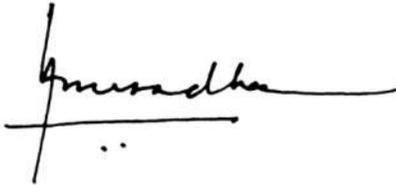
Please review the information and comment within thirty (30) calendar days of receipt. If you indicate that you do not desire to be a consulting party or if you have not previously accepted consulting party status and you do not respond to this letter, you will not be included on the list of consulting parties for this project and will not receive further information about the project unless the design changes.

For questions concerning specific project details, you may contact Mike Myers of AZTEC Engineering Group, Inc. at 480-766-3331 or mmyers@aztec.us. All future responses regarding the proposed project should be forwarded to AZTEC Engineering Group, Inc. at the following address:

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, IN 47404
mmyers@aztec.us

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Sincerely,



Anuradha V. Kumar, Manager
Cultural Resources Office
Environmental Services

Enclosures:

Project Area Map Removed to avoid duplication.

Distribution List:

Accepted Consulting Party Status

Indiana State Historic Preservation Officer; 402 W Washington Street, W274, Indianapolis, IN 46204

Bloomington Restorations, Inc.; bri@bloomingtonrestorations.org

Indiana Landmarks, Central Regional Office; central@indianalandmarks.org

From: [Brynne Taylor](#)
To: central@indianalandmarks.org; bri@bloomingtonrestorations.org
Cc: [Kelly, Clint](#); [Miller, Shaun \(INDOT\)](#); [Branigin, Susan](#); [Ross, Anthony](#); [USA-AZT-INMUN-01716-000-BLine Extension and Multiuse Path](#)
Subject: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN
Date: Friday, July 31, 2020 11:48:33 AM
Attachments: [B-LineTrailExtension_Des1700735_Addendum_PhaseIa_DistributionLetter_2020-07-31.pdf](#)
[image001.png](#)

Des. No.: 1700735

Project Description: Extend the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. The project also involves realigning a section of Fountain Drive, and reconfiguration of the intersection at Fountain Drive and Crescent Road.

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation, proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735). The Section 106 Early Coordination Letter for this project was originally distributed on September 16, 2019. A letter distributed on February 24, 2020 notified consulting parties that an archaeology report was available for review and comment. Additionally, a letter distributed June 16, 2020 notified consulting parties that a historic property report was available for review and comment.

As part of Section 106 of the National Historic Preservation Act, an Addendum Archaeology Report has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,
Brynne Taylor
Environmental Planner

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: 812.369.9744 | BTaylor@aztec.us



aztec.us/follow-us

From: [Miller, Shaun \(INDOT\)](#)
To: thpo@estoo.net; [Diane Hunter](#); lpappenfort@peoriatribe.com; Matthew.Bussler@pokagonband-nsn.gov; lheady@delawaretribe.org; tonya@shawnee-tribe.com
Cc: [Brynne Taylor](#); [Kelly, Clint](#)
Subject: FW: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN
Date: Friday, July 31, 2020 12:06:15 PM
Attachments: [B-LineTrailExtension_Des1700735_Addendum_PhaseIa_DistributionLetter_2020-07-31.pdf](#)

Des. No.: 1700735

Project Description: Extend the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. The project also involves realigning a section of Fountain Drive, and reconfiguration of the intersection at Fountain Drive and Crescent Road.

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation, proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735). The Section 106 Early Coordination Letter for this project was originally distributed on September 16, 2019. A letter distributed on February 24, 2020 notified consulting parties that an archaeology report was available for review and comment. Additionally, a letter distributed June 16, 2020 notified consulting parties that a historic property report was available for review and comment.

As part of Section 106 of the National Historic Preservation Act, an Addendum Archaeology Report has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Shaun Miller
INDOT, Cultural Resources Office
Archaeology Team Lead
(317)233-6795

Division of Historic Preservation & Archaeology · 402 W. Washington Street, W274 · Indianapolis, IN 46204-2739
Phone 317-232-1646 · Fax 317-232-0693 · dhpa@dnr.IN.gov · www.IN.gov/dnr/historic



August 28, 2020

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, Indiana 47404

Federal Agency: Indiana Department of Transportation (“INDOT”),
on behalf of Federal Highway Administration, Indiana Division (“FHWA”)

Re: Addendum Phase Ia archaeological field reconnaissance survey report (C. Jackson, 07/30/2020),
for the B-Line Trail extension project in the City of Bloomington, Monroe County, Indiana (Des.
No. 1700735; DHPA No. 24393)

Dear Mr. Myers:

Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the “Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana,” the staff of the Indiana State Historic Preservation Officer (“Indiana SHPO” or “INDNR-DHPA”) has reviewed your July 31, 2020, review request submittal form which enclosed the aforementioned addendum Phase Ia archaeological field reconnaissance survey report (C. Jackson, 07/31/2020), which we received the same day for the aforementioned project.

As previously indicated, we agree that the Bloomington West Side Historic District (NR-1281) and the House at 2102 Fountain Drive are the only historic properties listed or eligible for inclusion in the National Register of Historic Places (“NRHP”) located within the project’s area of potential effects. When it is time to assess the effects on historic properties, it will be interesting to note if any of the temporary or permanent right-of-way will be taken from their boundaries and if the project plans will avoid impacting the contributing stone-wall to the NRHP-eligible house.

Additionally, in regard to archaeological resources, based on the submitted information and the documentation available to the staff of the Indiana SHPO, we have not identified any currently known archaeological resources listed in or eligible for inclusion in the NRHP within the proposed project area; and we concur with the opinion of the archaeologist, as expressed in the addendum Phase Ia archaeological field reconnaissance survey report (C. Jackson, 07/30/2020), that no further archaeological investigations appear necessary at the proposed project area.

If any prehistoric or historical archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29) requires that the discovery be reported to the Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology within two (2) business days. In that event, please call (317) 232-1646. Be advised that adherence to Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29 does not obviate the need to adhere to applicable federal statutes and regulations, including but not limited to 36 C.F.R. Part 800.

The Indiana SHPO staff’s archaeological reviewer for this project is Wade T. Tharp, and the structures reviewer is Danielle Kauffmann. However, if you have a question about the Section 106 process, please contact initially the INDOT Cultural Resources staff members who are assigned to this project.

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cultural and recreational resources for the benefit of Indiana’s citizens
through professional leadership, management and education.*

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In all future correspondence about the B-Line Trail extension project in Bloomington, Monroe County (Des. No. 1700735), please refer to DHPA No. 24393.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:DMK:WTT:wt

emc: Erica Tait, FHWA
Anuradha Kumar, INDOT
Shaun Miller, INDOT
Susan Branigin, INDOT
Anthony Ross, INDOT
Mike Myers, Aztec Engineering Group, Inc.
Bloomington Restorations, Inc.
Indiana Landmarks, Central Regional Office
Danielle Kauffmann, INDNR-DHPA
Wade T. Tharp, INDNR-DHPA



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 234-5168

Eric Holcomb, Governor
Joe McGuinness,
Commissioner

October 5, 2020

This letter was sent to the listed parties.

RE: B-Line Trail Extension
Des. No. 1700735 and DHPA No. 24393
City of Bloomington, Monroe County, IN

Dear Consulting Party,

Pursuant to Section 106 of the National Historic Preservation Act (1966) and 36 CFR §800.16 [1][1], federal agencies are required to take into account the effects of their undertakings on historic and archaeological properties. The Federal Highway Administration (FHWA), in cooperation with the City of Bloomington, is conducting Section 106 Consultation for the B-Line Trail Extension and Multiuse Path Project located in the City of Bloomington, Monroe County, Indiana. The purpose of this letter is to address the anticipated effects from the undertaking ahead of FHWA's issuance of the formal effects finding and supporting 800.11(e) documentation. Input from the participating consulting parties is being sought regarding this preliminary effects determination.

PROPOSED PROJECT

The City of Bloomington, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735).

A Section 106 early coordination letter was distributed on September 17, 2019. A letter distributed on February 25, 2020 notified consulting parties that an archaeology report was available for review and comment. A letter distributed on June 22, 2020 notified consulting parties that a historic property report was available for review and comment. In addition, a letter distributed on July 31, 2020 notified consulting parties that an addendum archaeology report was available for review and comment.

The proposed undertaking involves extending the B-Line trail west and north of its current terminus at Adams Street, between 10th Street and the Indiana Railroad, to the intersection of Crescent Road and 17th Street, via Indiana Railroad, Fountain Drive (formerly Vernal Pike), and Crescent Road in Monroe County, Indiana (see Attachment B – Project Location map). It is within Bloomington Township, as depicted on USGS 7.5' Bloomington topographic quadrangle, in Sections 31 and 32 of Township 9 North, Range 1 West.

The City, in their *Parks and Recreation Master Plan, 2016-2020* published on December 2, 2015, identified goals to extend trail or multiuse path connections where current facilities are lacking. These goals included new trail or multiuse path connections in both incorporated areas of the city as well as opportunities to consider connections to communities adjacent to the City based on available revenue or grants. Currently there is a gap between the B-Line Trail system and residential, businesses, and other City facilities on 17th Street. The project would provide this connection and further promote non-motorized uses by residents. The project would extend the City of Bloomington's signature trail, the B-Line, from its north terminus at Adams Street to Fountain Drive and connect the new trail head to other pedestrian facilities in the City's network.

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The extension of the B-Line Trail will run parallel to and north of the Indiana Railroad from Adams Street to Fountain Drive and will have widths of 10 to 12-feet. A new multiuse path will run north from Indiana Railroad Fountain Drive intersection along the east side of Fountain Drive and Crescent Road to 17th Street and will have widths of 8 to 12-feet.

As part of the project, a portion of Fountain Drive between 11th Street and Crescent Road would be re-aligned, and the intersection of Fountain Drive and Crescent Road would be re-configured. A new detention basin will be located north of the Indiana Railroad to handle new storm water facilities installed throughout the project corridor, as well as fiber optic facilities. In order to accommodate project activities, approximately 2.33 acres of new permanent right-of-way and approximately 1.57 acres of temporary construction easement are currently anticipated to be required.

HISTORIC PROPERTIES

Pursuant to 36 CRF Section 800.4(b), the AZTEC Engineering Group, Inc. (AZTEC) Qualified Professional (QP) historian, Scott Solliday, conducted efforts to identify historic properties as part of the Section 106 undertaking.

The AZTEC project historian examined the National Register of Historic Places (NRHP), Indiana Register of Historic Sites and Structures (State Register), State Historic Architectural and Archaeological Research Database (SHAARD), *Indiana Historic Bridge Inventory*, Indiana Historic Buildings, Bridges, and Cemeteries Map (IHBBM), *City of Bloomington Interim Report*, *Monroe County Interim Report*, as well as other primary and secondary sources to develop a historic overview of the project area. After completing an initial literature review, project historian Scott Solliday visited the project area in November 2018 and April 2019 to assess and survey historic properties within the project's APE.

Before Section 106 consultation was initiated, Bloomington Restorations, Inc. responded to the Early Coordination Letter for the project's environmental review in a letter dated May 23, 2019, with a request to be a consulting party for the Section 106 process. In their letter, Bloomington Restorations, Inc. expressed their concern for above-ground structures at 2102 Fountain Drive and several other residential structures along Crescent Road (see Attachment F – Correspondence).

The Section 106 Early Coordination Letter describing the proposed project and inviting potential consulting parties to provide comments on the proposed project was distributed on September 17, 2019. The following parties were invited to become consulting parties: Bloomington Historic Preservation Commission, Bloomington-Monroe County Metropolitan Planning Organization (BMCMPPO), Bloomington Restorations, Inc., Delaware Tribe of Indians of Oklahoma, Eastern Shawnee Tribe of Oklahoma, Indiana State Historic Preservation Officer (SHPO), Indiana Landmarks (Central Regional Office), Miami Tribe of Oklahoma, Monroe County Commissioner, District 2, Monroe County Historian, Monroe County History Center, Highway Director of the Monroe County Highways Department, Peoria Tribe of Indians of Oklahoma, and Pokagon Band of Potawatomi Indians. In addition to SHPO, the Indiana Landmarks (Central Regional Office) accepted the consulting party invitation. In their response, SHPO requested additional consulting parties be invited to join Section 106 consultation including the Monroe County Historic Preservation Board of Review, the Downtown Bloomington Commission, and the property owners of 2102 Fountain Drive (see Attachment F – Correspondence). None of the other consulting parties provided any additional comments or responses to the early coordination letter.

Green 3, LLC (Green 3) prepared the Phase Ia Archaeological Study (C. Jackson, 2019). The archaeological study was sent to SHPO on February 25, 2020, and the study's distribution letter was sent to non-tribal consulting parties on February 25, 2020. The consulting parties requested by SHPO, in their letter dated October 3, 2019, were also sent the distribution letter and were invited to join consultation at that time. In a letter dated March 24, 2020, the SHPO concurred with the findings in the study that no further work is necessary. Joshua Biggs, of Indiana Landmarks (Central Regional Office), responded to the study's distribution letter stating the nature of Indiana Landmarks' protective covenant on 2102 Fountain Drive and its eligibility for inclusion in the NRHP (see Attachment F – Correspondence). No other consulting parties had comments for the archaeological study.

AZTEC informed the Indiana Department of Transportation (INDOT) Cultural Resources Office (CRO) of a change in project limits on April 29, 2020. In their May 6, 2020 response, the INDOT CRO recommended an addendum archaeological investigation and report be prepared to account for the additional project areas.

Green 3 completed the addendum archaeological study to account for the additional project areas recommended by INDOT CRO. The Addendum Phase Ia Archaeological Study (C. Jackson, 2020) was distributed to SHPO on July 31, 2020. A copy of the study's distribution letter was sent to non-tribal consulting parties and to tribal consulting parties by INDOT CRO on July 31, 2020. In a letter dated August 28, 2020, the SHPO concurred with the finding in the Addendum Phase Ia Archaeological Study that no further archaeological investigations appear necessary at the proposed project area (see Attachment F – Correspondence). No other consulting parties had comments for the addendum archaeological study.

AZTEC prepared a Historic Properties Report (HPR) (Solliday and Langan, 2020) and mailed the report on June 22, 2020 to SHPO and the distribution letter was sent to consulting parties, once again inviting the property owners of 2102 Fountain Drive to join consultation. Indiana Landmarks (Central Regional Office) responded to the HPR with an email, including a electronic copy of their response letter as well as a copy of the protective covenant for 2102 Fountain Drive, on June 25, 2020. The email proposed a more precise wording of the protective covenant within the HPR. In reference to the protective covenant, Indiana Landmarks proposed the following statement “[t]he property was then sold to an individual with a deed restriction prohibiting alterations, modifications, or changes to any structure on the property without prior written approval of Landmarks” instead of “[t]he property... prohibiting alterations to the house or its historic features” as it is currently written in the HPR. Indiana Landmarks’ response letter stated their interest in reviewing the upcoming Effects Report and continued involvement in the Section 106 process. In a letter dated July 6, 2020, SHPO concurred with AZTEC’s assessment that the Bloomington West Side Historic District is located within the project’s APE and that the house at 2102 Fountain Drive is eligible for inclusion in the NRHP. They also concurred that the Bloomington West Side Historic District and house at 2102 Fountain Drive are the only historic properties within the APE (see Attachment F – Correspondence). No other consulting parties had comments for the HPR.

EFFECTS TO HISTORIC PROPERTIES

The Bloomington West Side Historic District (NR-1281)

The Bloomington West Side Historic District (NR-1281) is a large district with residential, commercial, and industrial resources extending west from Downtown Bloomington. The period of significance for the district is defined as 1850-1946. The oldest houses in this district exhibit a variety of architectural styles, such as Italianate, Greek Revival, Federal, and Queen Anne, but most houses built after 1900 are modest one-story vernacular homes in working-class neighborhoods. Common vernacular designs that are represented include the Gabled-ell Cottage, Pyramidal Cottage, and Shotgun house. The resources of the district also convey a sense of the changes in demographics and the municipal development of Bloomington in the early 20th century. The construction of the Showers Bros. Furniture Factory and other industrial plans in the West Side spurred the construction of modest housing for factory workers. The district includes many historically black neighborhoods. The Bloomington West Side Historic District has been listed on the National Register since 1997, remaining eligible under Criterion A and C.

The B-Line Trail extension will be constructed along the north side of the Indiana Railroad west of Adams Street, approximately 25 feet north of the Bloomington West Side Historic District boundary. Project activities in this area include new storm sewers, tree removal, and the construction of the B-Line Trail. The B-Line Trail will include the following elements: construction of an ADA-compliant crossing at Adams Street, a 10 to 12-foot wide paved trail, and decorative lighting regularly spaced along the trail until the intersection of the Indiana Railroad with Fountain Drive. Project activities are located outside the historic district boundary, and no permanent or temporary right-of-way will be acquired from the historic district. While this project will introduce new visual elements within the viewshed of the Bloomington West Side Historic District, they will only be visible from the northwestern corner of the district, which is a heavily wooded area with no buildings or structures. The nearest buildings, which are contributors to the district, are located 300 feet to the south, and the new visual elements will not impact the integrity of setting or feeling of any contributing properties. These new visual elements would not diminish the integrity of the defining features and/or characteristics of the Bloomington West Side Historic District that contribute to its significance. Therefore, there will be no adverse effect on the Bloomington West Side Historic District.

According to 36 CFR 800.5(a)(1), “an adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property’s location, design, setting, materials, workmanship, feeling, or association”.

Per 36 CFR 800.5(a)(2)(i) the undertaking will not result in the “[p]hysical destruction of or damage to all or part of the property”. The Bloomington West Side Historic District will not be destroyed or damaged by this project. No right-of-way will be required from this resource.

Per 36 CFR 800.5(a)(2)(ii) the undertaking will not cause an “[a]lteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access, that is not consistent with the Secretary’s standards for the treatment of historic properties (36 CFR part 68) and applicable guidelines”.

Per 36 CFR 800.5(a)(2)(iii) the undertaking will not result in the “[r]emoval of the property from its historic location”.

Per 36 CFR 800.5(a)(2)(iv) the undertaking will not result in the “[c]hange of the character of the property’s use or of physical features within the property’s setting that contribute to its historic significance”. Minor changes in paving and landscaping adjacent to the Bloomington West Side Historic District will not cause any change in the use or setting of the district.

Per 36 CFR 800.5(a)(2)(v) the undertaking will not result in the “[i]ntroduction of visual, atmospheric or audible elements that diminish the integrity of the property’s significant historic features”. Minor changes in paving and landscaping adjacent to the Bloomington West Side Historic District will not introduce elements that diminish the integrity of the district.

Per 36 CFR 800.5(a)(2)(vi) the undertaking will not cause the “[n]eglect of a property which cause its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization”. The project will not cause neglect of the property.

Per 36 CFR 800.5(a)(2)(vii) the undertaking will not cause the “[t]ransfer, lease, or sale of property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property’s historic significance”. Ownership will not change as a result of this project.

House at 2102 Fountain Drive (IHSSI No. 105-055-35565)

The house at 2102 Fountain Drive (IHSSI No. 105-055-35565) built circa 1890, is one of the oldest buildings in the northwest corner of Bloomington and is an outstanding example of vernacular Victorian architecture. The property is eligible for inclusion in the National Register under Criterion C for its architectural design.

Fountain Drive will be realigned between the 2101 Fountain Drive and 2102 Fountain Drive properties. The realignment will curve the road away from 2102 Fountain Drive to create room for a new 8-foot wide multiuse path while preserving the stone wall on the property. The new multiuse path will replace the existing sidewalk that runs along Fountain Drive adjacent to the historic property boundary. In the HPR the historic property boundary description was identified as Monroe County Assessor’s Parcel Number 53-05-32-200-037.000-004 but excluding that part of the parcel on which Fountain Drive and the adjacent public sidewalk are located. A recent field survey has shown that a driveway to the adjacent property at 2110 W. Fountain Drive encroaches on the northwest corner of the parcel (see Attachment E – Photographs of Encroachment on the Northwest Corner of Property). This modern driveway has no contributing features and no historical association with the historic property at 2102 W. Fountain Drive and will also be excluded from historic property boundary. Approximately 3,395.65 square feet (sq. ft.) of permanent right-of-way will be acquired from the parcel to correct the existing property lines for 2102 Fountain Drive. The west property line currently extends to the centerline of the road. The new property line will be pushed away from the centerline of the road to align with the historic property boundary that follows the stone wall on the property. The encroaching driveway at the northwest corner of the parcel will also be acquired and rebuilt in its existing location and will be put into City of Bloomington right-of-way, pursuant to INDOT requirements. However, no permanent right-of-way will be acquired from within the historic property boundary. Approximately 959.01 sq. ft. of temporary right-of-way will be acquired from the historic property for the reconstruction of the 2102 Fountain Drive driveway and the encroaching driveway to the north in their existing locations to meet current INDOT requirements. Other project construction activities near the historic property boundary for 2102 Fountain Drive include the demolition of the existing roadway to allow for the new realignment of Fountain Drive, curb and gutter installation along the new roadway alignment, installation of fiber optic facilities and storm sewer facilities. A new retaining wall will be built across the street

from 2102 Fountain Drive due to the new roadway alignment; and an existing shelter located to the north of the property, but not abutting it, will be removed. In this area, project activities will not introduce any visual, atmospheric, or audible elements that would diminish the integrity of the elements of the property that contribute to its significance. This project will not change the historic appearance of the property or change any elements that contribute to its historic significance. All existing above-ground resources, including the stone wall and the house, will be avoided through the realignment of Fountain Drive. A note that states “Existing Stone Retaining Wall Do Not Disturb” has been put on the plan sheets for the stone wall. No part of the property will be demolished or disturbed by project activities and no landscaping features will be removed. Therefore, there will be no adverse effect on the house at 2102 Fountain Drive.

Per 36 CFR 800.5(a)(2)(i) the undertaking will not result in the “[p]hysical destruction of or damage to all or part of the property”. The existing driveway will be updated and regraded in its existing location. The house and stone wall on the property will not be destroyed or damaged by this project. While 3,395.65 sq. ft of permanent right-of-way will be acquired from this parcel, that portion of the parcel is outside of the historic property boundary.

Per 36 CFR 800.5(a)(2)(ii) the undertaking will not cause an “[a]lteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access, that is not consistent with the Secretary’s standards for the treatment of historic properties (36 CFR part 68) and applicable guidelines”.

Per 36 CFR 800.5(a)(2)(iii) the undertaking will not result in the “[r]emoval of the property from its historic location”. The project will not remove the stone wall or the house from their historic locations.

Per 36 CFR 800.5(a)(2)(iv) the undertaking will not result in the “[c]hange of the character of the property’s use or of physical features within the property’s setting that contribute to its historic significance”. Minor changes in paving and landscaping will not cause any change in use or setting of the stone wall or the house.

Per 36 CFR 800.5(a)(2)(v) the undertaking will not result in the “[i]ntroduction of visual, atmospheric or audible elements that diminish the integrity of the property’s significant historic features”. Minor changes in paving and landscaping will not introduce elements that diminish the integrity of the stone wall or the house.

Per 36 CFR 800.5(a)(2)(vi) the undertaking will not cause the “[n]eglect of a property which cause its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization”. The project will not cause neglect of the property.

Per 36 CFR 800.5(a)(2)(vii) the undertaking will not cause the “[t]ransfer, lease, or sale of property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property’s historic significance”. Ownership will not change as a result of this project.

The Effects Letter and attachments are available for review in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). You are invited to review these documents and to respond with comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If you prefer a hard copy of this material, please respond to this email with your request within seven (7) days.

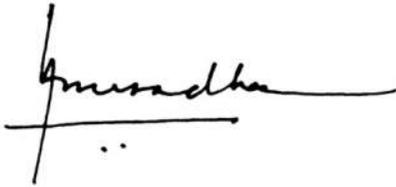
Please review the information and comment within thirty (30) calendar days of receipt. If you indicate that you do not desire to be a consulting party or if you have not previously accepted consulting party status and you do not respond to this letter, you will not be included on the list of consulting parties for this project and will not receive further information about the project unless the design changes.

For questions concerning specific project details, you may contact Mike Myers of AZTEC Engineering Group, Inc. at 480-766-3331 or mmyers@aztec.us. All future responses regarding the proposed project should be forwarded to AZTEC Engineering Group, Inc. at the following address:

Mike Myers
Environmental Services Design Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, IN 47404
mmyers@aztec.us

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Sincerely,



Anuradha V. Kumar, Manager
Cultural Resources Office
Environmental Services

Attachments:

Attachment A: Above-ground APE Map and Archaeological APE Map	Removed to avoid duplication.
Attachment B: Project Location Map	
Attachment C: Project Plans	
Attachment D: Report Summary	
Attachment E: Photographs of Encroachment on the Northwest Corner of Property	
Attachment F: Correspondence	

Distribution List:

Accepted Consulting Party Status

Indiana State Historic Preservation Officer; 402 W. Washington St., W274, Indianapolis, IN 46204
Bloomington Restorations, Inc.; bri@bloomingtonrestorations.org
Indiana Landmarks (Central Regional Office); central@indianalandmarks.org

Invited Consulting Party Status (Have Yet to Accept Consulting Party Status)

Jason Cook (property owner of 2102 Fountain Drive); 2102 W Fountain Drive, Bloomington, IN 47404
Jenna Kelly (property owner of 2102 Fountain Drive); 2102 W Fountain Drive, Bloomington, IN 47404

From: [Brynne Taylor](mailto:Brynne.Taylor@aztec.us)
To: central@indianalandmarks.org; bri@bloomingtonrestorations.org
Cc: [Kelly, Clint](#); [Miller, Shaun \(INDOT\)](#); [Branigin, Susan](#); [Ross, Anthony](#); [USA-AZT-INMUN-01716-000-BLine Extension and Multiuse Path](#)
Subject: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN
Date: Friday, October 16, 2020 10:05:00 AM
Attachments: [image001.png](#)

Des. No.: 1700735

Project Description: Extend the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. The project also involves realigning a section of Fountain Drive, and reconfiguration of the intersection at Fountain Drive and Crescent Road.

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation, proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735). The Section 106 Early Coordination Letter for this project was originally distributed on September 17, 2019. A letter distributed on February 25, 2020 notified consulting parties that an archaeology report was available for review and comment. A letter distributed June 22, 2020 notified consulting parties that a historic property report was available for review and comment. In addition, a letter distributed on July 31, 2020 notified consulting parties that an addendum archaeology report was available for review and comment.

As part of Section 106 of the National Historic Preservation Act, an Effects Letter has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,
Brynne Taylor
Environmental Planner

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: **812.369.9744** | BTaylor@aztec.us



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INDIANA LANDMARKS

Central Regional Office

1201 Central Avenue, Indianapolis, IN 46202

317 639 4534 / 800 450 4534 / www.indianalandmarks.org

October 26, 2020

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, IN 47404

RE: Des. No. 1700735 – B-Line Trail Extension, Bloomington, Monroe County, Indiana

Dear Mr. Myers:

Thank you for allowing us to comment on this Section 106 project. We have reviewed the Effects Letter, dated October 16, 2020.

We are pleased to hear that the historic house and stone wall at 2102 Fountain Dr. will be retained as part of this Section 106 project. We offer no objections to the reconfiguration of the property boundary at 2102 Fountain Dr. to match what the property boundary would have been historically. We also offer no objections to the installation of an 8-foot wide multiuse path (replacing the current sidewalk) adjacent to the stone wall at 2102 Fountain Dr. or the reconstruction of the main driveway at said location.

However, we express concern that the installation of the multi-use path and/or the reconstruction of the main driveway at 2102 Fountain Dr. may, even inadvertently, create an adverse effect to the historic stone wall. As such, we request that a stabilization plan be provided to consulting parties, specifically outlining how the project will avoid, minimize, or mitigate any adverse effects to the stone wall during the period of construction.

We appreciate your consideration and will look forward to remaining involved in the Section 106 process for this project.

Sincerely,

Joshua Biggs
Community Preservation Specialist

From: Brynne Taylor
To: ["Joshua Biggs"](#)
Cc: [USA-AZT-INFY-02000-000-US421](#); [Kelly, Clint](#); [Branigin, Susan](#); [Ross, Anthony](#); [Metcalf, Karlei A](#); ["THerrin@indot.in.gov"](#)
Subject: RE: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN
Date: Tuesday, October 27, 2020 5:51:00 PM
Attachments: [image002.png](#)
[image003.png](#)

Mr. Biggs,

Thank you for sending us Indiana Landmark's comments regarding the Effects Letter for the B-Line Trail Extension Project (Des No. 1700735 and DHPA No. 24393). Indiana Landmarks' comments have been forwarded to the INDOT Project Manager and project team; in addition, those comments will become part of the project's Section 106 consultation records.

Thank you,
Brynne Taylor
Environmental Planner

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: **812.369.9744** | BTaylor@aztec.us



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From: Joshua Biggs <jbiggs@indianalandmarks.org>
Sent: Monday, October 26, 2020 5:39 PM
To: Mike Myers <MMyers@aztec.us>
Cc: Brynne Taylor <BTaylor@aztec.us>
Subject: RE: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN

Good afternoon Mr. Myers,

Attached is Indiana Landmarks' response to the effects letter for this Section 106 project. Please let me know if you have any questions.

Best regards,

.....
Joshua Biggs
Community Preservation Specialist
.....

Indiana Landmarks
1201 North Central Avenue

Indianapolis, IN 46202
Ph. 317-822-7908, 800-450-4534
Fax: 317-639-6734
www.indianalandmarks.org

Indiana Landmarks revitalizes communities, reconnects us to our heritage, and saves meaningful places.

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From: Brynne Taylor <BTaylor@aztec.us>

Sent: Friday, October 16, 2020 10:05 AM

To: Central (CRO) <Central@indianalandmarks.org>; bri@bloomingtonrestorations.org

Cc: Kelly, Clint <CKelly1@indot.IN.gov>; Miller, Shaun (INDOT) <smiller@indot.IN.gov>; Branigin, Susan <SBranigin@indot.IN.gov>; Ross, Anthony <ARoss3@indot.IN.gov>; USA-AZT-INMUN-01716-000-BLine_Extension_and_Multiuse_Path <USA-AZT-INMUN-01716-000@aztec.us>

Subject: FHWA Project: Des. No. 1700735 and DHPA No. 24393; B-Line Trail Extension, Monroe County, IN

Des. No.: 1700735

Project Description: Extend the existing B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive (Vernal Pike), and Crescent Road. The project also involves realigning a section of Fountain Drive, and reconfiguration of the intersection at Fountain Drive and Crescent Road.

Location: City of Bloomington, Monroe County, IN

The City of Bloomington, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation, proposes to proceed with the B-Line Trail Extension and Multiuse Path Project (Des. No. 1700735). The Section 106 Early Coordination Letter for this project was originally distributed on September 17, 2019. A letter distributed on February 25, 2020 notified consulting parties that an archaeology report was available for review and comment. A letter distributed June 22, 2020 notified consulting parties that a historic property report was available for review and comment. In addition, a letter distributed on July 31, 2020 notified consulting parties that an addendum archaeology report was available for review and comment.

As part of Section 106 of the National Historic Preservation Act, an Effects Letter has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,
Brynne Taylor
Environmental Planner

AZTEC Engineering | 320 W. 8th Street, Suite 100 | Bloomington, IN 47404
T: 812.717.2555 ext. 104 | C: **812.369.9744** | BTaylor@aztec.us



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Division of Historic Preservation & Archaeology · 402 W. Washington Street, W274 · Indianapolis, IN 46204-2739
Phone 317-232-1646 · Fax 317-232-0693 · dhpa@dnr.IN.gov · www.IN.gov/dnr/historic



November 9, 2020

Mike Myers
Environmental Services Division Lead
AZTEC Engineering Group, Inc.
320 W. 8th Street, Suite 100
Bloomington, Indiana 47404

Federal Agency: Indiana Department of Transportation (“INDOT”),
on behalf of Federal Highway Administration, Indiana Division (“FHWA”)

Re: Effects letter for the B-Line Trail extension project in the City of Bloomington, Monroe
County, Indiana (Des. No. 1700735; DHPA No. 24393)

Dear Mr. Myers:

Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. § 306108), implementing regulations at 36 C.F.R. Part 800, and the “Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program in the State of Indiana,” the staff of the Indiana State Historic Preservation Officer (“Indiana SHPO”) has reviewed the above-referenced effects letter, dated and received by our office October 16, 2020.

We agree with the opinions expressed in the October 16 effects letter that the Bloomington West Side Historic District (NR-1281), previously listed in the National Register of Historic Places (“NRHP”) will not be adversely affected by this project.

Regarding the House at 2102 Fountain Drive (Indiana Historic Sites and Structures Inventory #105-055-35565), which is eligible for inclusion in the NRHP, we note the discrepancies between the proposed historic property boundary and the Monroe County parcel map and that INDOT plans to acquire right-of-way from the centerline of the road to the historic property’s stone wall, pursuant to INDOT requirements. We see no concerns with that plan of action.

Furthermore, we echo the concerns that Indiana Landmarks posed in their October 26, 2020 response letter regarding potential adverse effects to the stone wall during construction. Will the new multi-use path be located any closer to the stone wall than the existing sidewalk, and if not, will there be any re-grading at the base of the wall in the small buffer between the wall and existing sidewalk as seen in Photograph 2 in Appendix B of the historic property report? As an aside, Appendix C’s exhibits might be clearer to read if there was also an aerial overlay provided with greater detail on just the historic property that could answer some of these questions. At the very least, commitments and project plans need to be clearly marked and noted indicating avoidance of the stone wall in order to prevent potentially adversely affecting that historic feature of 2102 Fountain Drive.

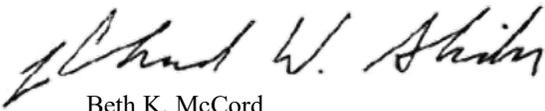
As previously indicated, based upon the submitted information and the documentation available to the staff of the Indiana SHPO, we have not identified any currently known archaeological resources listed in or eligible for inclusion in the NRHP within the proposed project area. We concur with the opinion of the archaeologist that no further archaeological investigations appear necessary at the proposed project area.

If any prehistoric or historic archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and -29) requires that the discovery be reported to the Indiana SHPO within two (2) business days. In that event, please call (317) 232-1646. Be advised that adherence to Indiana Code 14-21-1-27 and -29 does not obviate the need to adhere to applicable federal statutes and regulations, including but not limited to 36 C.F.R. Part 800.

The archaeological reviewer for this project on the Indiana SHPO staff is Wade T. Tharp and the structures reviewer is Danielle Kauffmann. However, if you have questions about our comments or about the review process, please contact initially the INDOT Cultural Resource Office staff members assigned to this project.

In all future correspondence regarding the B-Line Trail extension project in Bloomington, Monroe County (Des. No. 1700735), please continue to refer to DHPA No. 24393.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:DMK:dmk

emc: Erica Tait, FHWA
Anuradha Kumar, INDOT
Shaun Miller, INDOT
Anthony Ross, INDOT
Susan Branigin, INDOT
Mike Myers, AZTEC Engineering Group, Inc.
Bloomington Restorations, Inc.
Joshua Biggs, Indiana Landmarks, Central Regional Office
Danielle Kauffmann, INDNR-DHPA
Wade T. Tharp, INDNR-DHPA

Appendix G
Historic Property Commitments

NOTE: This Appendix G is part of the Effect Finding
Documentation.

City of Bloomington B-Line Trail Extension, DES Number: 1700735
Commitment Regarding Protection of Historic Property at 2102 Fountain Drive

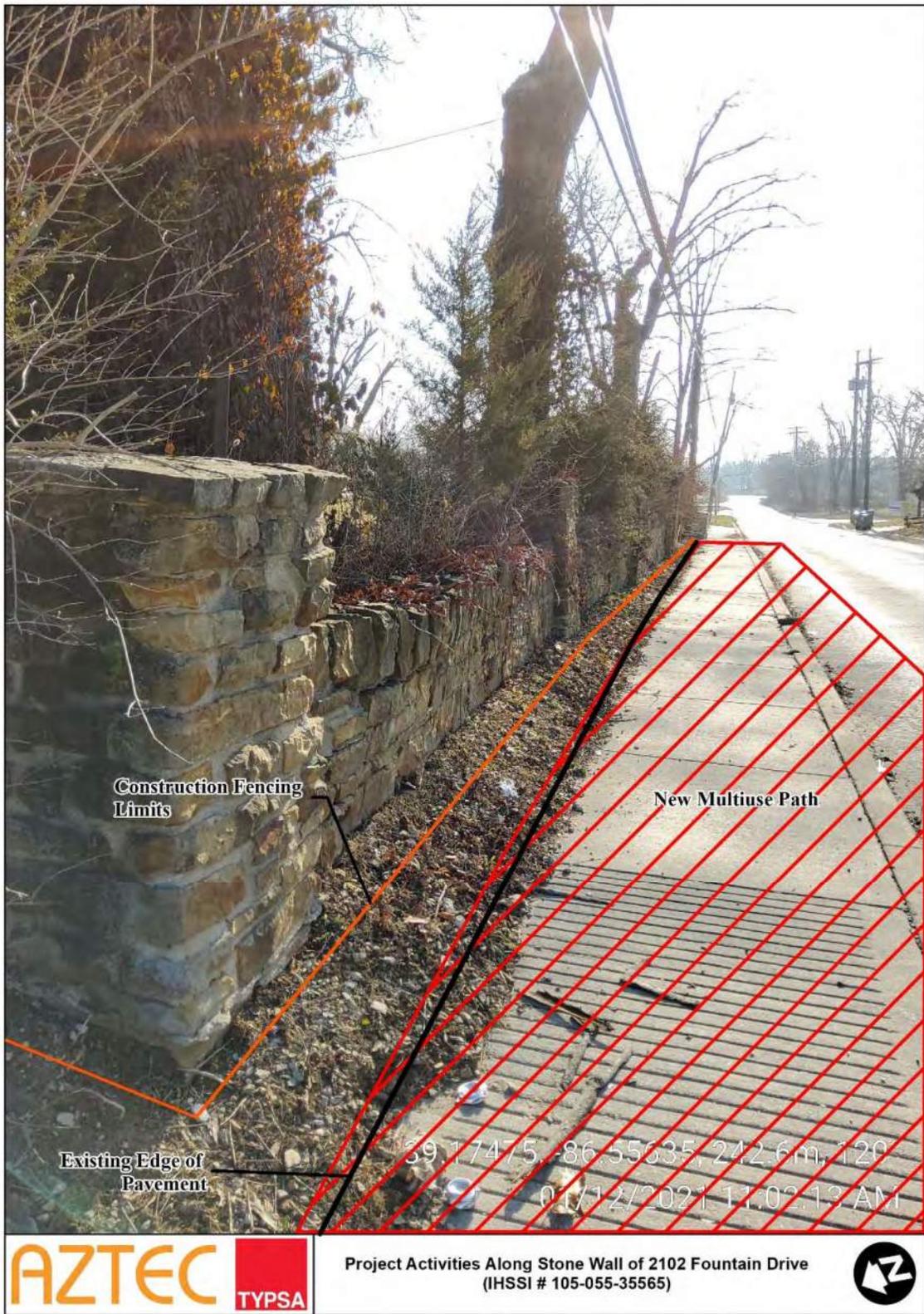
The following work will occur adjacent to the stone wall of 2102 W Fountain Drive: replacing the existing sidewalk that runs along Fountain Drive with a new multiuse path, installing underground fiber optic facilities, and reconstructing the existing property's driveway within the existing driveway footprint. Reconstructing the driveway includes removing the existing concrete approach and installing a new concrete approach between the road and back edge of the multiuse path. Approximately 20 feet of the driveway will be regraded with gravel, starting from the back edge of the new concrete approach in the direction towards the house. The resultant changes will not be any closer to the stone wall than the existing driveway. The new multiuse path will be closer to the stone wall than the existing sidewalk; however, it will not abut the columns of the stone wall. There will be a 1 ft buffer between the columns and new multiuse path. The contractor shall exercise all due care in the protection of the historic property at 2102 W Fountain Drive, including the stone wall at the front of the property (Proposed Roadway Station 105+40 Right to Station 106+45 Right). Such duty to care shall include, but not be limited to, the following measures:

- Prior to construction, the contractor shall make a video recording of the stone wall documenting its current condition, a copy of which shall be delivered to the City Engineer.
- A representative from the Indiana Department of Transportation Cultural Resources Office shall be invited to the pre-construction meeting for the project.
 - Contact: Clint Kelly, Historian, (317) 447-8707, ckelly1@indot.in.gov
- The following shall be noted in the construction plans on sheets for work occurring in the vicinity of the wall:
 - Prior to construction, construction fencing shall be erected by the contractor at the right-of-way line in front of the stone wall and monitored daily for repair as necessary.
 - All personnel to be on site shall be notified by the contractor that the historic property and stone wall must be protected in place and that no work or access may occur inside the construction fencing.
- Excavation within 1 foot of the stone wall shall be accomplished with hand tools only.
- Excavation within 5 feet of the stone wall shall be limited to a depth of 1 foot.
- No percussive equipment such as rock hammers, jack hammers, or other tools that may cause excessive shock or vibration shall be used within 5 feet of the stone wall.
 - Means and methods for sidewalk removal and path construction must be approved by the City Engineer; but may include methods such as saw cutting and/or backhoe bucket.
- A vibratory asphalt roller, that uses vibrations to compact asphalt, shall not be used when paving the multiuse path from Proposed Roadway Centerline "PR-AC" (Station 105+37.72 to 106+55.21) and trail alignment (Station 38+74.73 to 39+91.22).
- If it appears the stone wall is being damaged in any way due to construction activities, the contractor shall stop all work within 10 feet of the wall, protect the wall in place to

prevent further damage, and notify the City Engineer, who will then notify the Indiana Department of Transportation Cultural Resources Office.

- Work shall not resume within 10 feet of the wall until the City Engineer, in coordination with the Indiana Department of Transportation Cultural Resources Office, has authorized work to continue.







Des. No. 1700735

AZTEC ENGINEERING GROUP

(Governmental Unit)

.....Monroe County, Indiana

To: Herald Times
1900 S. Walnut St.
Bloomington, IN 47401

PUBLISHER'S CLAIM

LINE COUNT

Display Master (Must not exceed two actual lines, neither of which shall total more than four solid lines of the type in which the body of the advertisement is set) -- number of equivalent lines

Head -- number of lines

Body -- number of lines

Tail -- number of lines

Total number of lines in notice.....91

COMPUTATION OF CHARGES

91 lines, 1 column(s) wide equals 91 equivalent lines at 0.417

cents per line.....\$37.95

Additional charges for notices containing rule or tabular work (50 per cent of above amount)

Charge for extra proofs of publication (\$1.00 for each proof in excess of two)

TOTAL AMOUNT OF CLAIM.....\$37.95

DATA FOR COMPUTING COST

Width of single column in picas 9.4

Size of type 8 point

Number of insertions 1

Pursuant to the provisions and penalties of IC 5-11-10-1, I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

I also certify that the printed matter attached hereto is a true copy, of the same column width and type size, which was duly published in said paper 1 times. The dates of publication being as follows:

03/28/21

Additionally, the statement checked below is true and correct

Newspaper does not have a Web site.

Newspaper has a Web site and this public notice was posted on the same day as it was published in the newspaper.

Newspaper has a Web site, but due to technical problem or error, the public notice was posted on.....

Newspaper has Web site but refuses to post the public notice.

Date..... April 6, 2021

.....*Teri Hull*.....

Title: Public Notice Clerk

Public Notice

Des. No. 1700735

The City of Bloomington is planning to undertake a trail and multiuse path project, funded in part by the Federal Highway Administration. The project is located along Crescent Road and Fountain Drive within Bloomington Township, Monroe County, IN.

Under the preferred alternative, the proposed project would involve extending the B-Line Trail west and north from its current terminus at Adams Street to the intersection of Crescent Road and 17th Street, via the Indiana Railroad, Fountain Drive, and Crescent Road. The project also involves realigning a section of Fountain Drive and the intersection of Fountain Drive and Crescent Road, and would require 2.24 acres of permanent right-of-way and 1.45 acres of temporary right-of-way. No relocations of residences or businesses will occur.

Properties listed in or eligible for the National Register of Historic Places (NRHP) located within the Area of Potential Effects (APE) include the Bloomington West Side Historic District and the House at 2102 Fountain Drive. The proposed action impacts properties listed in or eligible for the NRHP. The Indiana Department of Transportation (INDOT), on behalf of the FHWA, has issued a "No Adverse Effect" finding for the project because the project will not diminish the integrity of the characteristics that qualify the historic properties within the APE for inclusion in the NRHP. In accordance with the National Historic Preservation Act, the views of the public are being sought regarding the effect of the proposed project on the historic elements as per 36 CFR 800.2(d), 800.3(e) and 800.6(a)(4). Pursuant to 36 CFR 800.4(d)(2), the documentation specified in 36 CFR 800.11(e) is available for inspection in Bloomington's City Hall atrium, 401 N. Morton Street, Bloomington, IN 47404 or on the City of Bloomington's website at <https://bloomington.in.gov/engineering/projects/b-line>. Additionally, this documentation can be viewed electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <http://erms.indot.in.gov/Section106Documents>.

This documentation serves as the basis for the "No Adverse Effect" finding. The views of the public on this effect finding are being sought. Please reply with any comments to AZTEC Engineering Group, Inc., 320 W. 8th Street, Suite 100, Bloomington, IN 47404, 812-717-2555, areid@aztec.us no later than April 27,

2021.

In accordance with the "Americans with Disabilities Act", if you have a disability for which the City of Bloomington needs to provide accessibility to the document(s) such as interpreters or readers, please contact Barbara McKinney, (812) 349-3429, or at mckinneb@bloomington.in.gov.

hspaxlp

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