

**BLOOMINGTON TRAFFIC COMMISSION  
AGENDA**

**April 27, 2022**

**4:30 P.M. –In-person and Virtual Hybrid meeting  
City Hall, Council Chambers**

Online link: <https://bloomington.zoom.us/j/87824687533>

Meeting ID: 878 2468 7533

Dial in: +1 312 626 6799, 878 2468 7533# US (Chicago)

- I. Call to Order
- II. Approval of Minutes – March 23, 2022
- III. Communications from Commission
- IV. Public Comment\*
- V. Reports from Staff
- VI. Old Business\*
  - A. TC-22-02: 17<sup>th</sup> Street Multiuse Path project
  - B. TC-22-04: Crosswalk projects
  - C. TC-22-05: Signal at Tapp Road and Deborah Drive
- VII. New Business\*
- VIII. Traffic Inquiries
- IX. Adjournment

*Next meeting – May 25, 2022 (subject to change depending on a meeting room conflict)*

*\*Action Requested/Public comment prior to any vote (limited to five minutes per speaker)*

**Auxiliary aids for people with disabilities are available upon request with adequate notice. Please call (812) 349-3429 or e-mail [human.rights@bloomington.in.gov](mailto:human.rights@bloomington.in.gov).**

**BLOOMINGTON TRAFFIC COMMISSION  
MINUTES**

**March 23, 2022**

**4:30 P.M. –In-person and Virtual Hybrid meeting  
City Hall, Council Chambers**

Online link: <https://bloomington.zoom.us/j/84280674363>

Meeting ID: 842 8067 4363

Dial in: +1 312 626 6799, 842 8067 4363# US (Chicago)

- I. **Call to Order:** 4:35pm  
Members present: Sarah Ryterband, Greg Alexander, Andrew Cibor, David Hoff, Steve Reynolds, David Sabbagh, Dustin Kruse
  
- II. **Approval of Minutes** – February 23, 2022  
Members agree that staff will update one sentence in the minutes, which was left incomplete in the draft minutes.  
Motion: David Hoff moves to approve the minutes; Sarah Ryterband seconded.  
Yay: Greg Alexander, Andrew Cibor, Dustin Kruse, Steven Reynolds, Sarah Ryterband, David Sabbagh  
Minutes are approved, 7-0
  
- III. **Communications from Commission**  
David Hoff requested two items: that staff provide an update about the Corridor Study. And that staff report back about fatal crashes, based on the presentation from Ryan Clemens. Staff responded that we will include a Corridor Study update under reports from staff on future agendas, and will check-in about the crash follow-up.
  
- IV. **Public Comment\***- none
  
- V. **Reports from Staff**  
Rosenbarger shared some information about hybrid meetings.
  
- VI. **Old Business\***
  - A. **TC-21-07 Resolution 21-02 (Commission Member Alexander)**  
Alexander reported to the Commission on the updated resolution. Several commission members asked questions. It was decided to resume this discussion at the next regular meeting, and to not have a vote today.
  
- VII. **New Business\***
  - A. **TC-22-01: Henderson Street modifications:** Neil Kopper presented the Henderson project.

Andrew Cibor moved that the Traffic Commission make a positive recommendation to Council for the Title 15 change as included in the packet. David Hoff second.

Yay: Andrew Cibor, David Hoff, Dustin Kruse, Steven Reynolds, Sarah Ryterband, David Sabbagh, Greg Alexander.

Vote: 7-0

- B. **TC-22-02: 17<sup>th</sup> Street Multiuse Path project:** Neil Kopper presented the 17<sup>th</sup> Street multiuse path project, include the Title 15 changes, to change the speed limit to 30 mph for the street, to restrict right-turns on red at some intersections. Request to see more detail for the College, Walnut, and Kinser intersections. It was decided to resume this discussion at the next regular meeting, and to not have a vote today.
- C. **TC-22-03: 11<sup>th</sup> + 14<sup>th</sup> Streets and Walnut Street traffic signals:** Neil Kopper presented. Greg Alexander moved that the Commission recommend the changes to Title 15 as described in the staff report. Andrew Cibor seconded.  
Yay: David Hoff, Dustin Kruse, Steven Reynolds, Sarah Ryterband, David Sabbagh, Greg Alexander, Andrew Cibor  
Vote: 7-0
- D. **TC-22-04: Crosswalk projects:** Neil Kopper presented. It was decided to resume this discussion at the next regular meeting, and to not have a vote today
- E. **TC-22-05: Signal at Tapp Road and Deborah Drive:** this item was not presented in the March meeting.

#### VIII. Traffic Inquiries

#### IX. Adjournment: 6:00 pm

*Next meeting – April 27, 2022 (subject to change depending on a meeting room conflict)*

*\*Action Requested/Public comment prior to any vote (limited to five minutes per speaker)*

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**TRAFFIC/BPSC COMMISSION  
STAFF REPORT**

**Case #:** TC-22-02  
**Date:** March 23, 2022

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**FROM:** Beth Rosenbarger, AICP, Planning and Transportation Department  
Neil Kopper, PE, Engineering Department

**REQUEST:** Modifications to 17<sup>th</sup> Street

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**Location:** 17<sup>th</sup> Street from Monroe Street to Grant Street (approximately)

**Description and purpose:** The City of Bloomington will be constructing a multiuse path on the north side of 17<sup>th</sup> Street. The plans are included in the packet. The multiuse path will be approximately 10 feet wide, separated from motor vehicle traffic with a curb and green space. This multiuse path will connect with existing multiuse path on both ends.

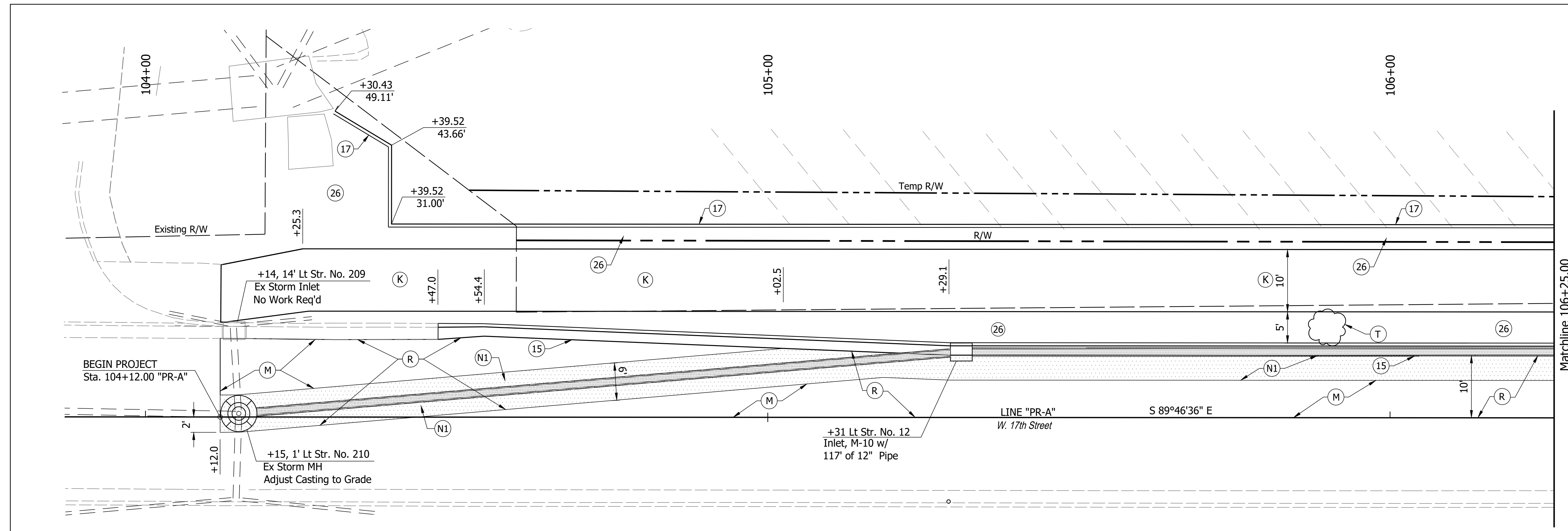
This multiuse path is a Recommended Project in the Transportation Plan and included in the Priority Bicycle Facilities Network, Phase 2.

**Title 15 Changes:** Title 15 will need to be amended to update the Speed Limit where this project proposes changes. Title 15 will need to be amended to correct and add intersections along this project to "15.20.020 Restricted turns on red at signalized intersections."

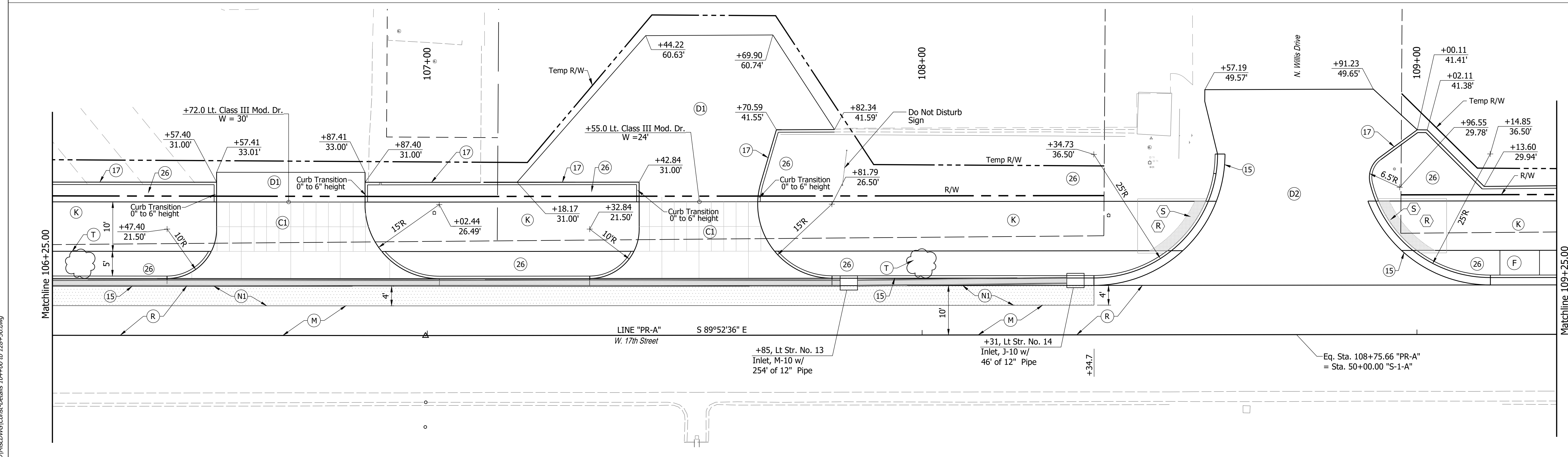
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**Recommendation:**

Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.

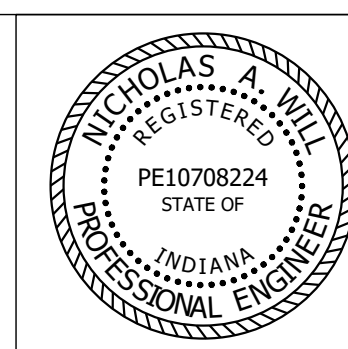


- LEGEND**
- (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (D1) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB
  - (D2) 770#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 330#/SY HMA Base, Type B on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N1) HMA For Patching, Type B 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (R) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm
  - (T) Plant, Deciduous Tree, Single Stem, 2" to 2.5" (Tree Species See this Sheet)
  - (15) Curb & Gutter, Concrete, Modified
  - (17) Curb, Concrete
  - (26) Sodding, Nursery
  - (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
  - (S) Detectable Warning Surface



**Notes:**  
All Stationing off Line "PR-A" Unless Otherwise Noted.

**Native trees:**  
Blackgum  
Shumard Oak  
Shingle Oak  
Hackberry  
Kentucky Coffeetree  
Swamp White Oak



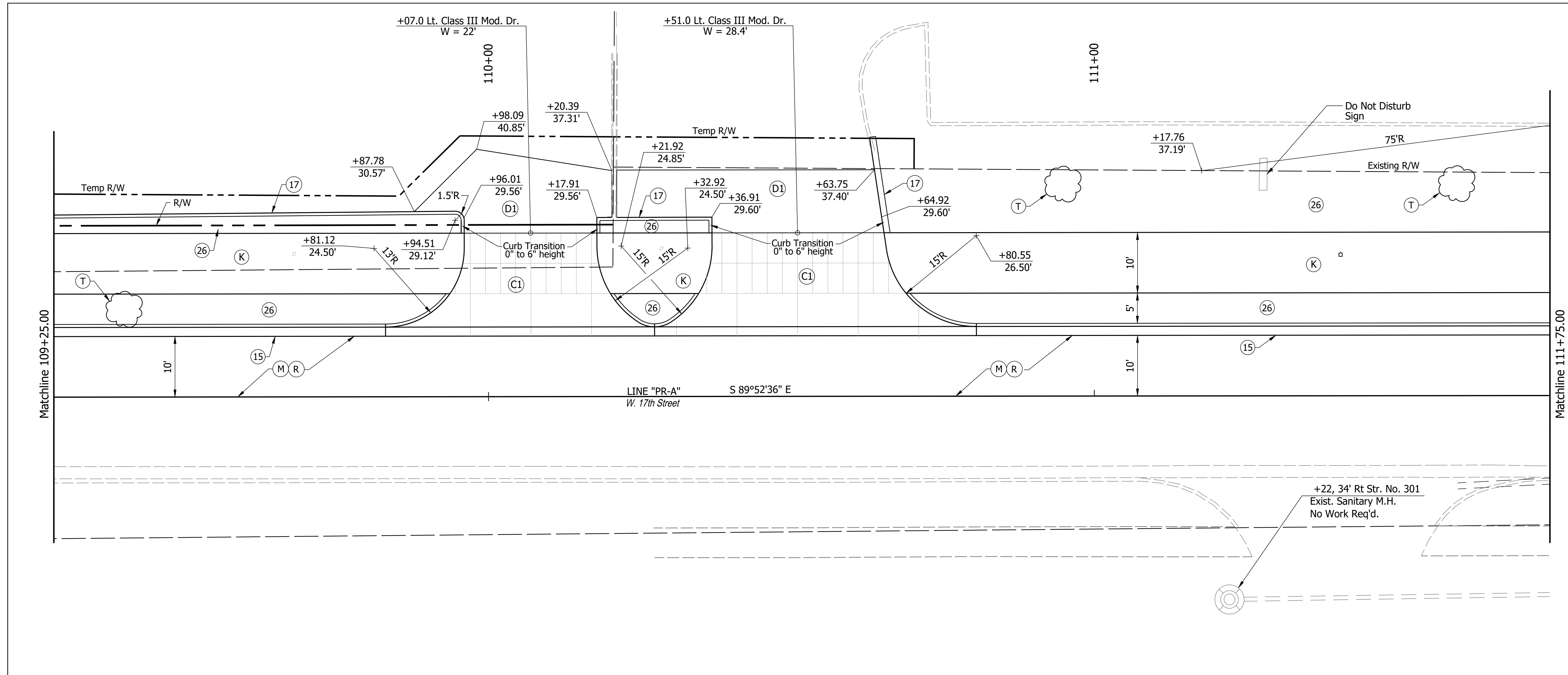
RECOMMENDED FOR APPROVAL: *Nicholas A. Will*, DESIGN ENGINEER, 12/27/2021, DATE

DESIGNED: JAF, DRAWN: RTL  
CHECKED: NAW, CHECKED: JAF

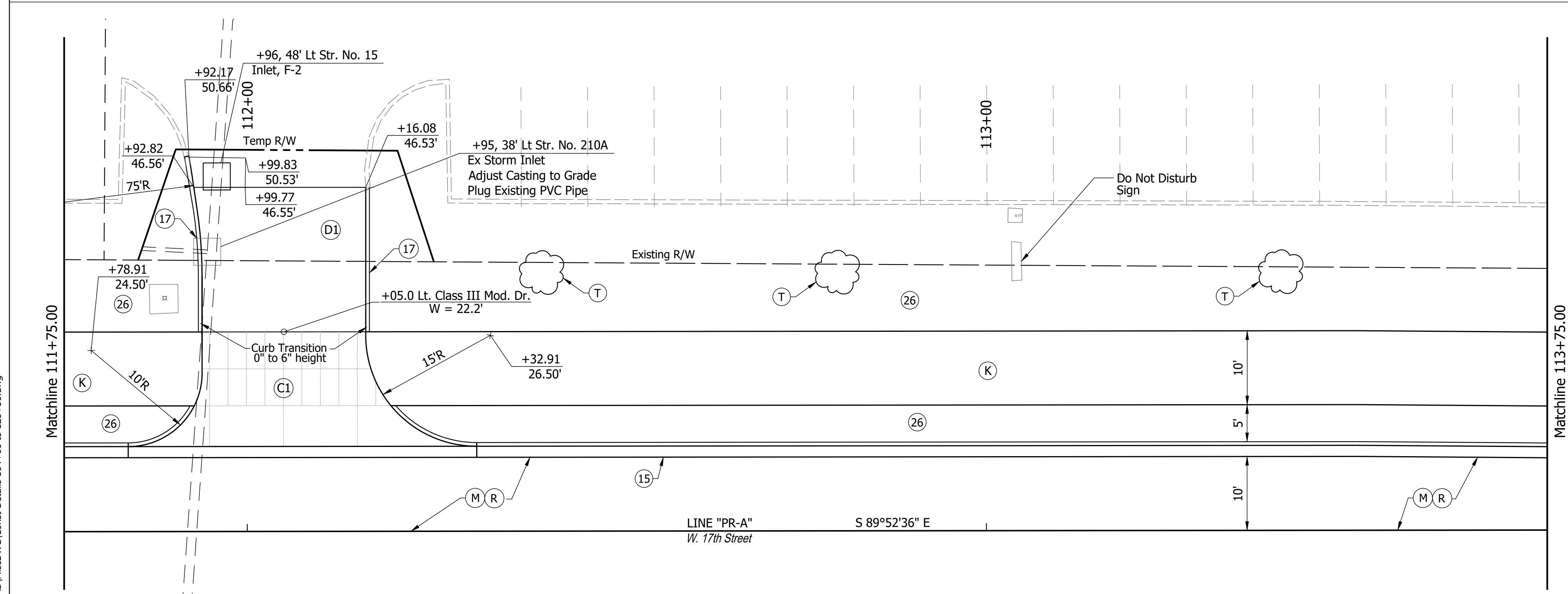
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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
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- LEGEND**
- (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (D1) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (R) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm
  - (T) Plant, Deciduous Tree, Single Stem, 2" to 2.5" (Tree Species See this Sheet)
  - (15) Curb & Gutter, Concrete, Modified
  - (17) Curb, Concrete
  - (26) Sodding, Nursery



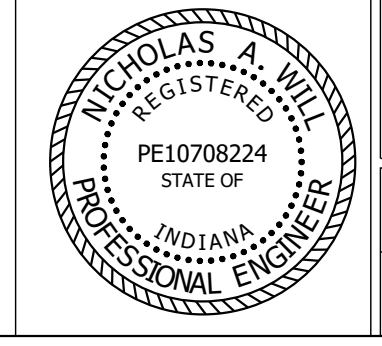
- Native trees:**
- Blackgum
  - Shumard Oak
  - Shingle Oak
  - Hackberry
  - Kentucky Coffeetree
  - Swamp White Oak

**Notes:**  
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RECOMMENDED FOR APPROVAL: *Nicholas A. Will* DESIGN ENGINEER 12/27/2021 DATE

DESIGNED: JAF DRAWN: RTL

CHECKED: NAW CHECKED: JAF

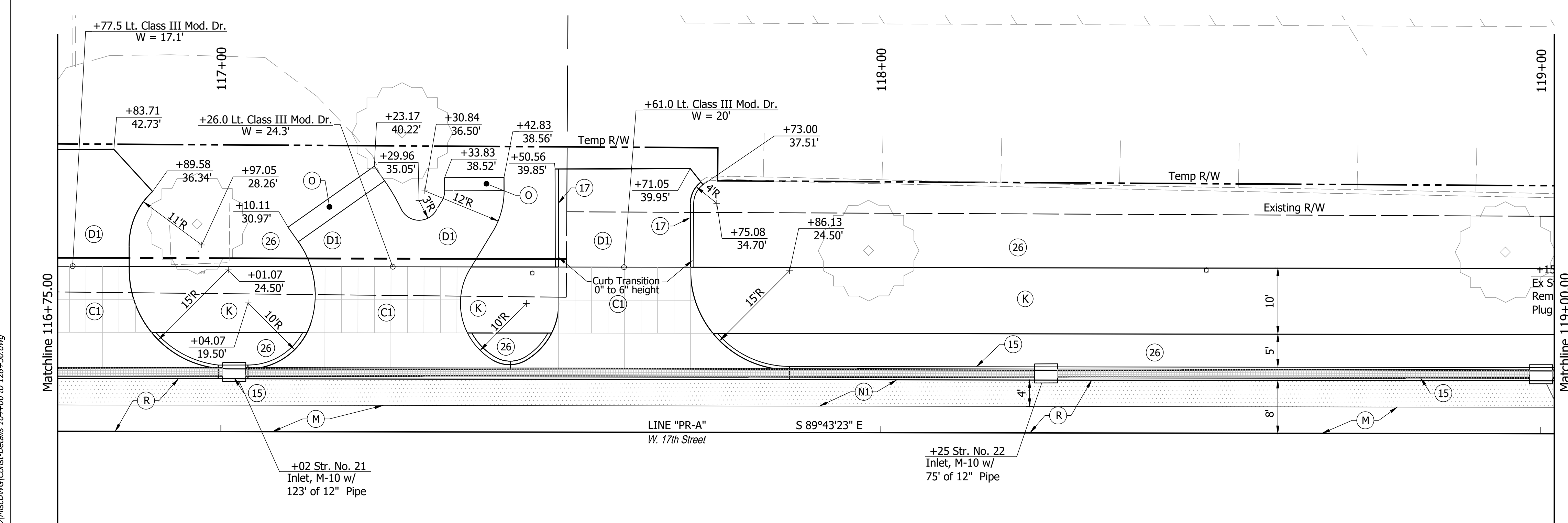
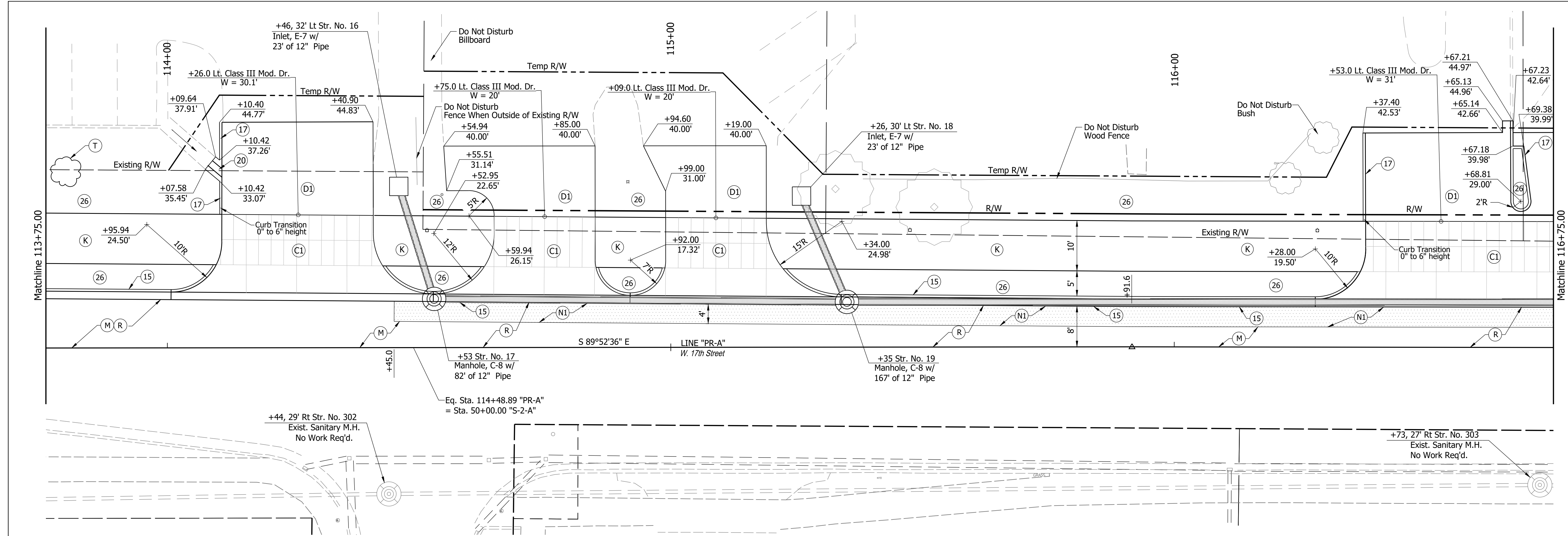


INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS LINE "PR-A" STA. 109+25 TO 113+75

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VERTICAL SCALE	DESIGNATION
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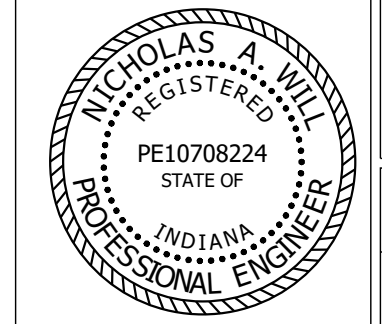
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- LEGEND**
- (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (D1) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB on
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N1) HMA For Patching, Type B 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (O) Compacted Aggregate, No. 53
  - (R) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm
  - (T) Plant, Deciduous Tree, Single Stem, 2" to 2.5" (Tree Species See this Sheet)
  - 15 Curb & Gutter, Concrete, Modified
  - 17 Curb, Concrete
  - 20 Gutter, Concrete, A
  - 26 Sodding, Nursery

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**Native trees:**  
Blackgum  
Shumard Oak  
Shingle Oak  
Hackberry  
Kentucky Coffeetree  
Swamp White Oak



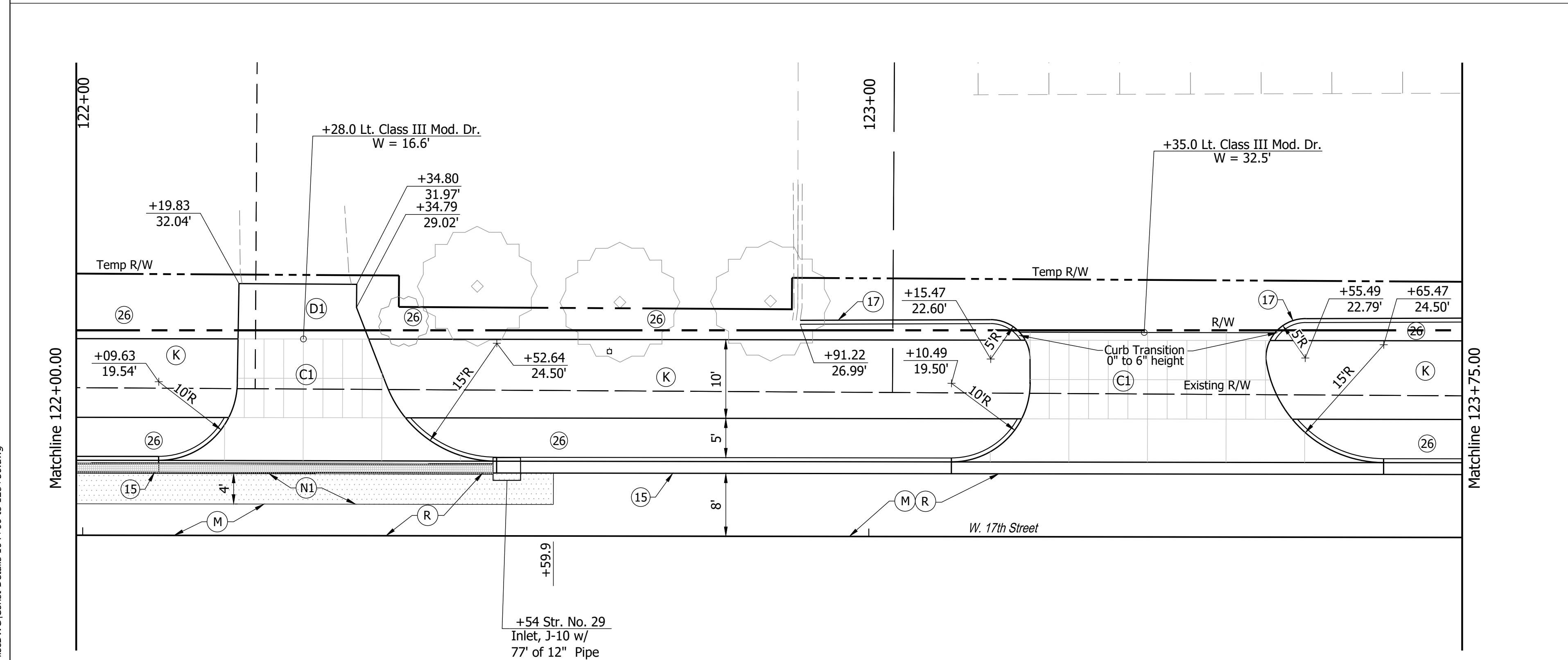
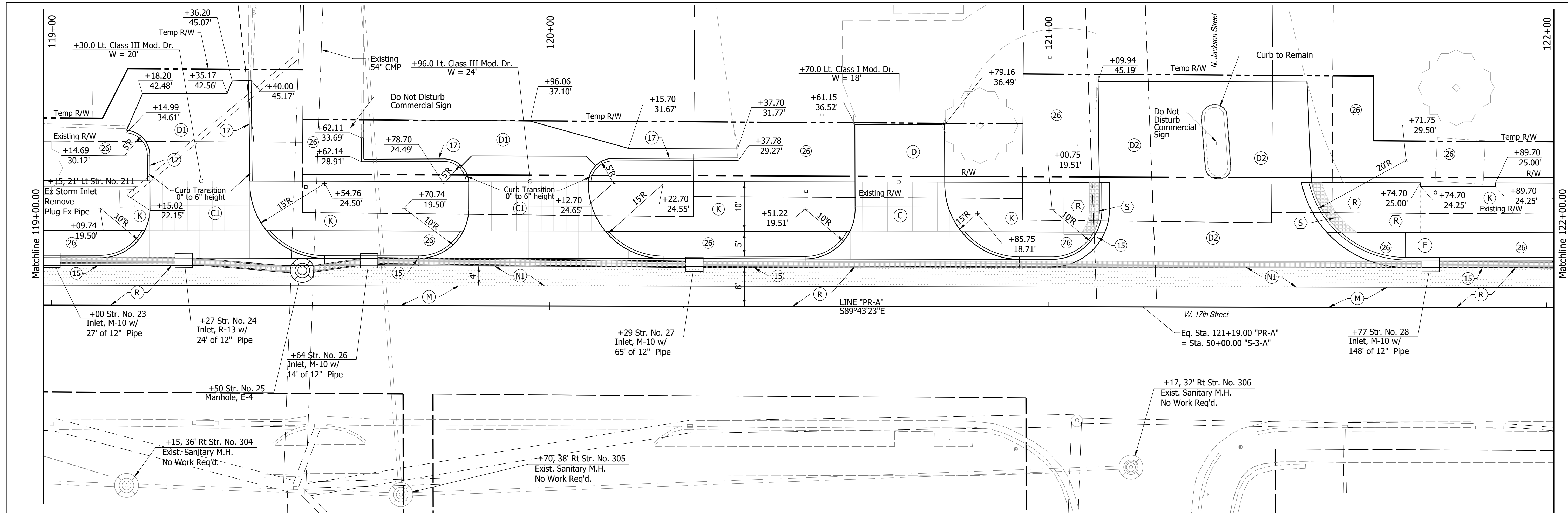
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DESIGNED: JAF, DRAWN: RTL  
CHECKED: NAW, CHECKED: JAF

INDIANA DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION DETAILS LINE "PR-A" STA. 113+75 TO 119+00**

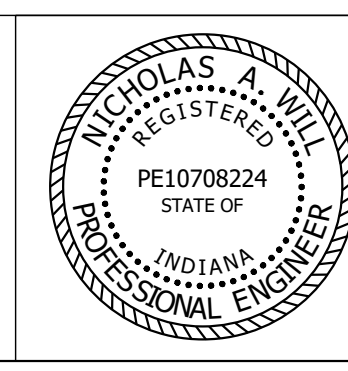
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- LEGEND**
- (C) PCCP For Approaches, 6" Mod. on Dense Graded Subbase, on Subgrade Treatment Type II
  - (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (D) 440#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 6" Compacted Aggregate, No. 53 on Subgrade Treatment Type II
  - (D1) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB
  - (D2) 770#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 330#/SY HMA Base, Type B on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N1) HMA For Patching, Type B 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (R) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm
  - (R1) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Var Depth QC/QA-HMA Intermediate, Varies 0" To 4"
  - (15) Curb & Gutter, Concrete, Modified
  - (17) Curb, Concrete
  - (26) Sodding, Nursery
  - (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
  - (S) Detectable Warning Surface

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RECOMMENDED FOR APPROVAL: *Nicholas A. Will*  
 DESIGN ENGINEER DATE: 12/27/2021

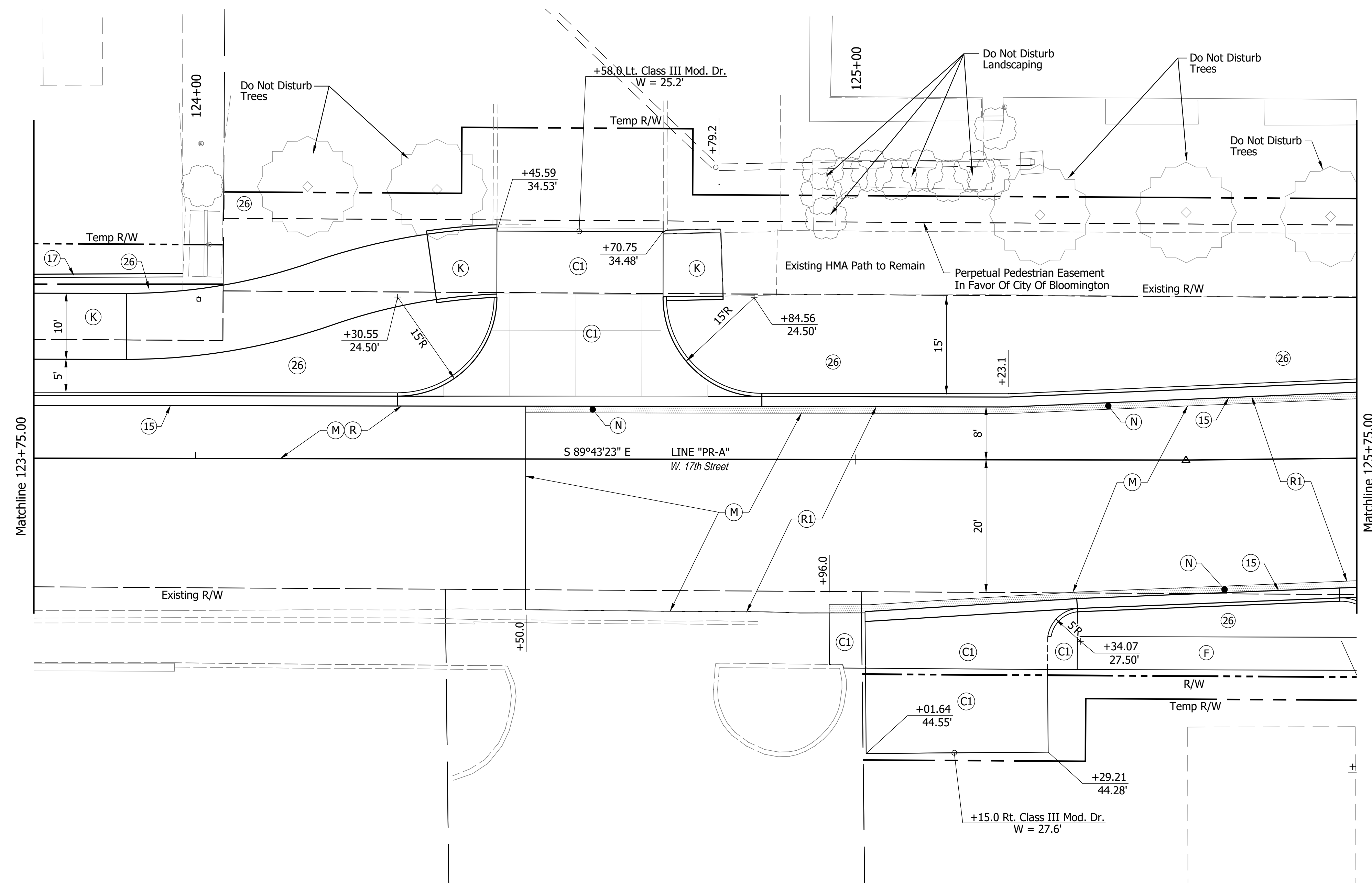
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INDIANA DEPARTMENT OF TRANSPORTATION  
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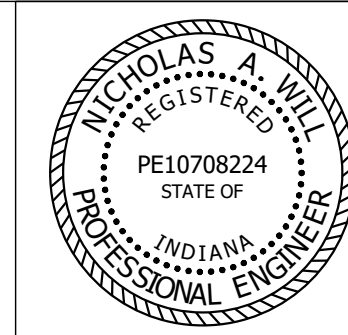
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- LEGEND**
- (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
  - (R) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm
  - (R1) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (15) Curb & Gutter, Concrete, Modified
  - (17) Curb, Concrete
  - (26) Sodding, Nursery

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RECOMMENDED FOR APPROVAL	<i>Nicholas A. Will</i>	DESIGN ENGINEER	12/27/2021	DATE
DESIGNED:	JAF	DRAWN:	RTL	
CHECKED:	NAW	CHECKED:	JAF	

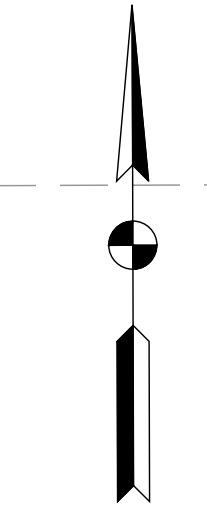
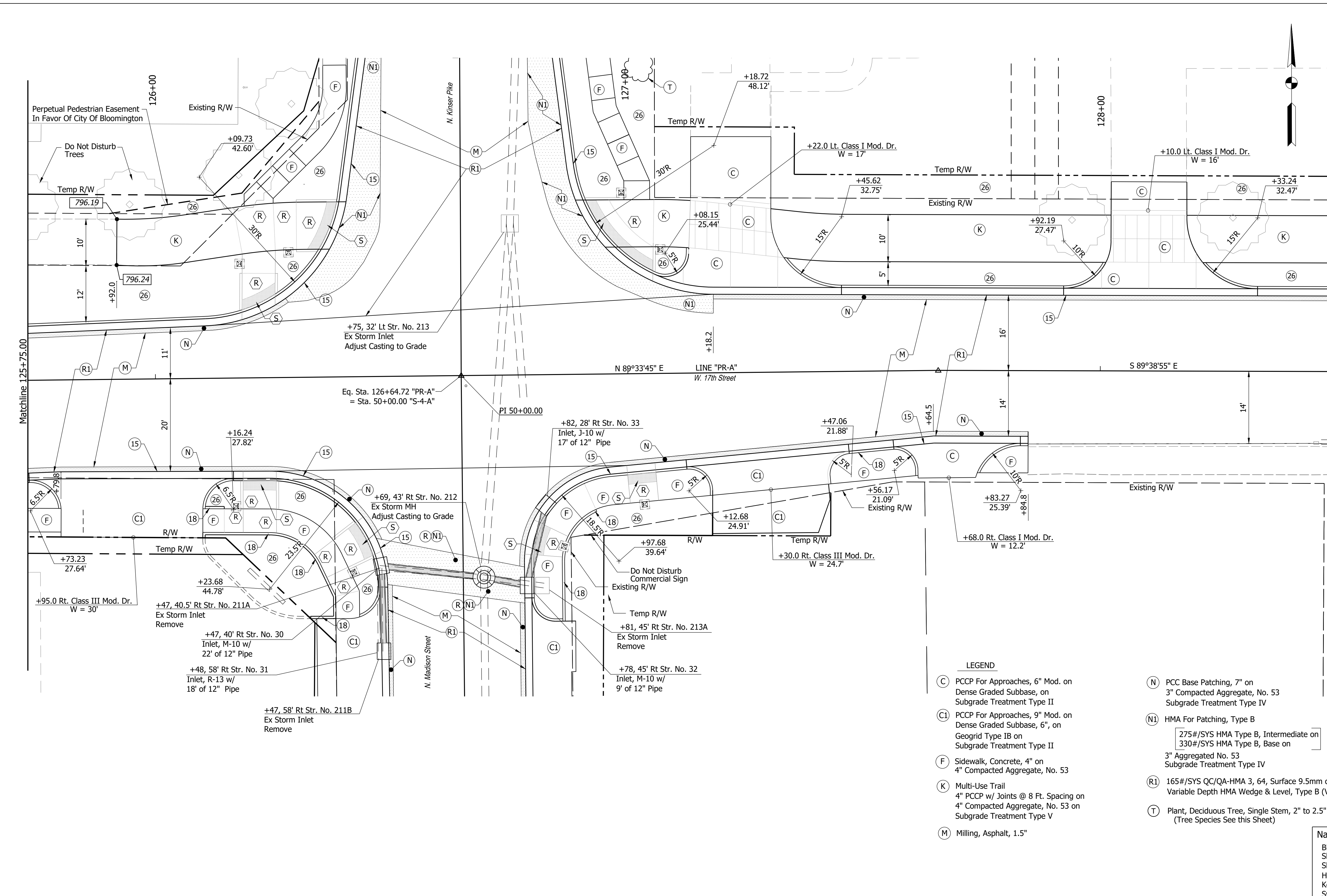
INDIANA  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS LINE "PR-A"  
STA. 123+75 TO 125+75**

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VERTICAL SCALE	DESIGNATION
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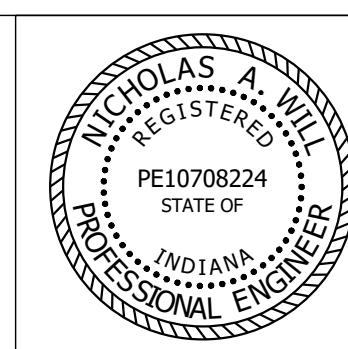
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- LEGEND**
- (C) PCCP For Approaches, 6" Mod. on Dense Graded Subbase, on Subgrade Treatment Type II
  - (CI) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
  - (NI) HMA For Patching, Type B  
 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (R) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (T) Plant, Deciduous Tree, Single Stem, 2" to 2.5" (Tree Species See this Sheet)
  - (15) Curb & Gutter, Concrete, Modified
  - (18) Curb, Integral Concrete
  - (26) Sodding, Nursery
  - (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
  - (S) Detectable Warning Surface

- Native trees:**
- Blackgum
  - Shumard Oak
  - Shingle Oak
  - Hackberry
  - Kentucky Coffeetree
  - Swamp White Oak

**Notes:**  
 All Stationing off Line "PR-A" Unless Otherwise Noted.  
 See Curb Ramp Details for Additional Information.

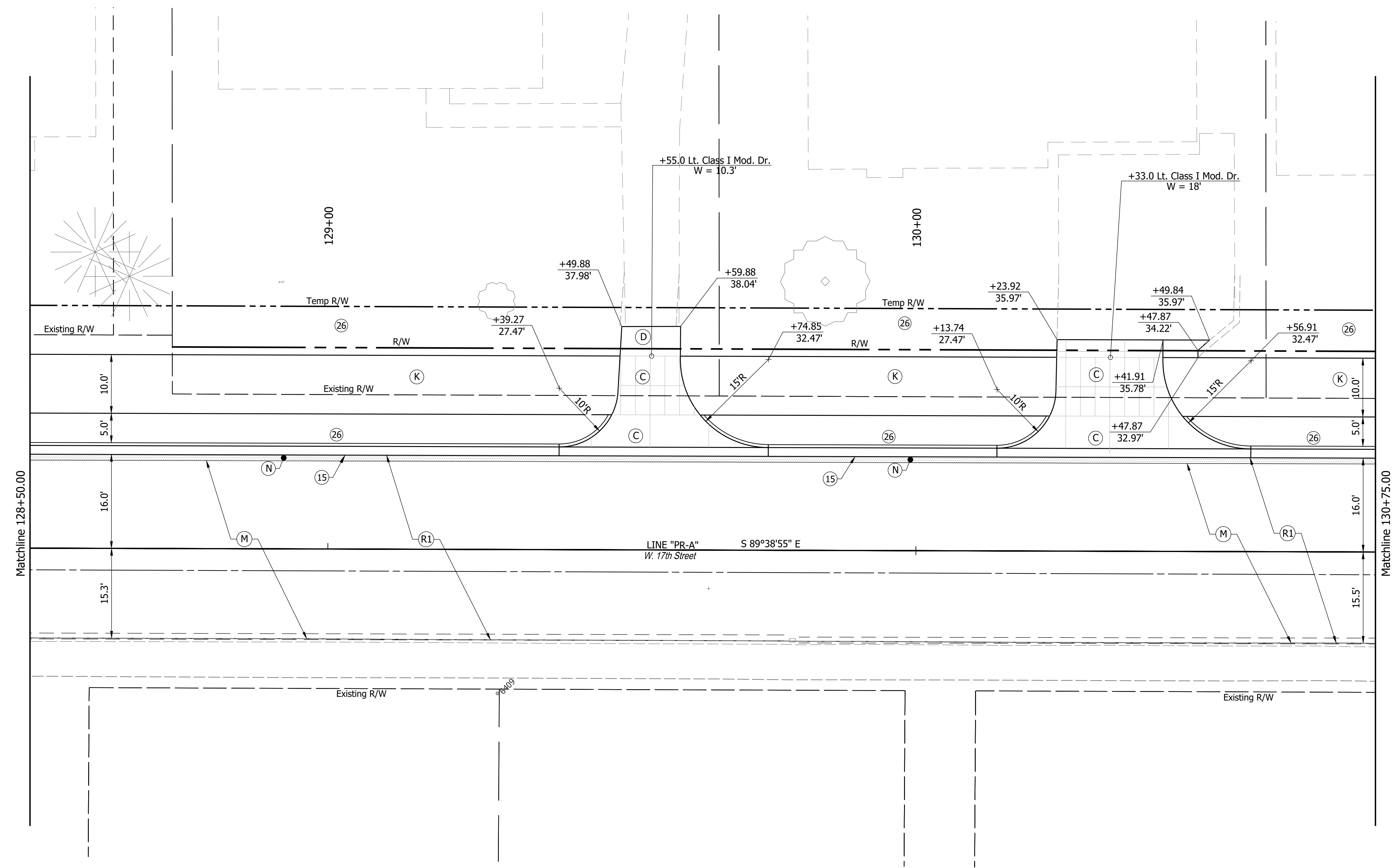


RECOMMENDED FOR APPROVAL: *Nicholas A. Will*  
 DESIGN ENGINEER 12/27/2021 DATE

DESIGNED: JAF DRAWN: RTL  
 CHECKED: NAW CHECKED: JAF

INDIANA DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION DETAILS LINE "PR-A" STA. 125+75 TO 128+50**

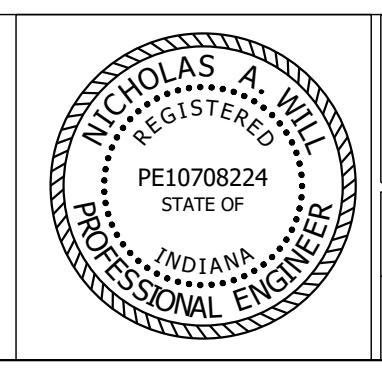
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	55 of 155
CONTRACT	PROJECT
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- LEGEND**
- (C) PCCP For Approaches, 6" Mod. on Dense Graded Subbase, on Subgrade Treatment Type II
  - (D) 440#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 6" Compacted Aggregate, No. 53 on Subgrade Treatment Type II
  - (K) Multi-Use Trail  
4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
  - (R1) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (15) Curb & Gutter, Concrete, Modified
  - (26) Sodding, Nursery

Date: Dec 31, 2021, 3:07pm User Name: edson File: S:\\_2019\119-0055(Road)\CAD\Misc\DWG\Const-Detail\128+50 to 143+50.dwg

**Notes:**  
All Stationing off Line "PR-A" Unless Otherwise Noted.



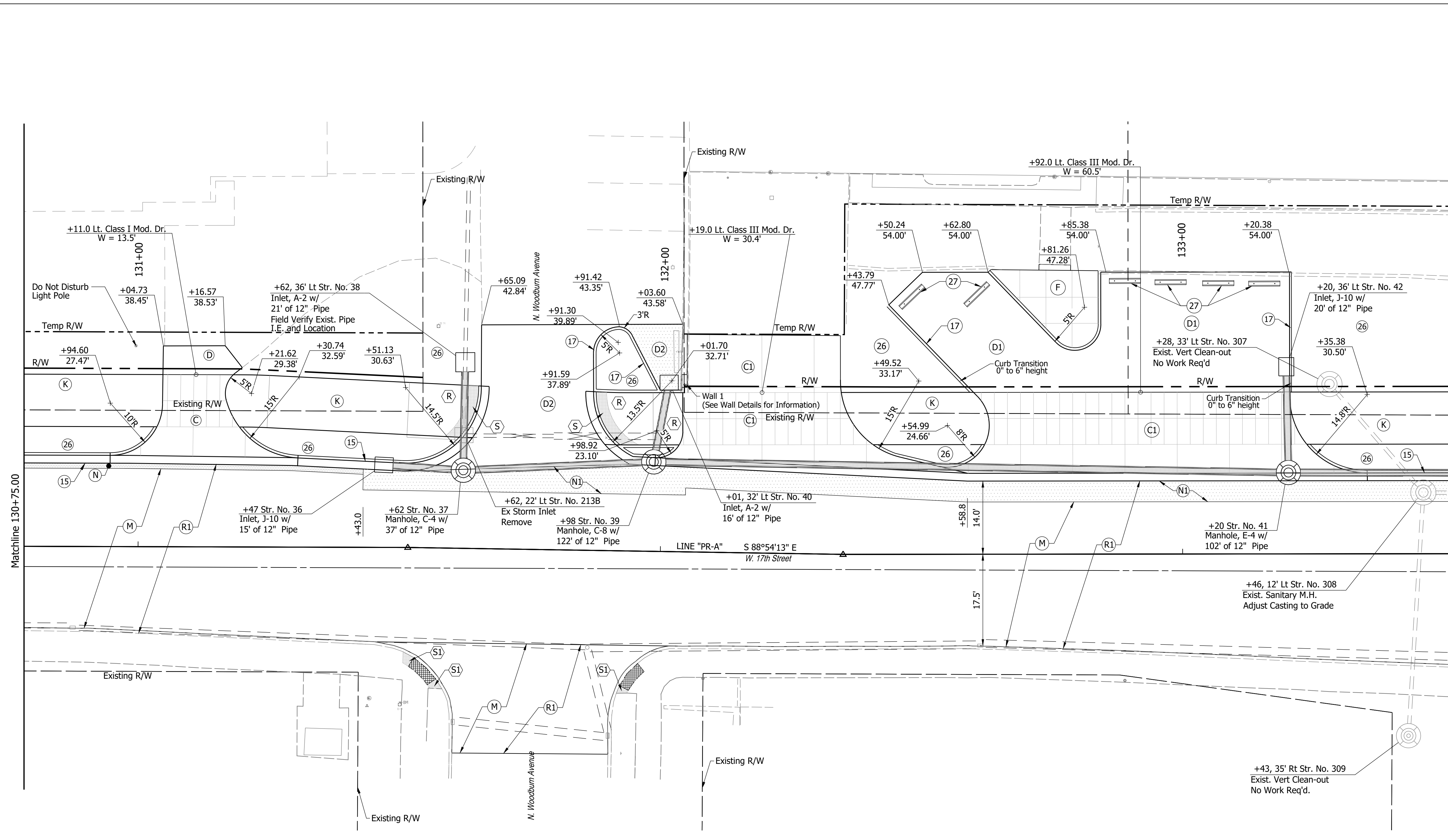
RECOMMENDED FOR APPROVAL	<i>Nicholas A. Will</i>	DESIGN ENGINEER	12/27/2021	DATE
DESIGNED:	JAF	DRAWN:	RTL	
CHECKED:	NAW	CHECKED:	JAF	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS LINE "PR-A"  
STA. 128+50 TO 130+75**

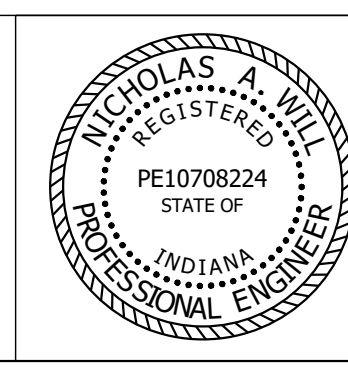
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	56 of 155
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 File: S:\\_2019\119-0055 (Road)\CAD\Misc\DWG\Const-Detail\128-50 to 143+50.dwg



- LEGEND**
- (C) PCCP For Approaches, 6" Mod. on Dense Graded Subbase, on Subgrade Treatment Type II
  - (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (D) 440#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 6" Compacted Aggregate, No. 53 on Subgrade Treatment Type II
  - (D1) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB
  - (D2) 770#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 330#/SY HMA Base, Type B on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type II
  - (N1) HMA For Patching, Type B 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (R1) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (15) Curb & Gutter, Concrete, Modified
  - (17) Curb, Concrete
  - (26) Sodding, Nursery
  - (27) Parking Barrier, Concrete
  - (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
  - (S) Detectable Warning Surface
  - (S1) Detectable Warning Surface, Retrofit

**Notes:**  
 All Stationing off Line "PR-A" Unless Otherwise Noted.

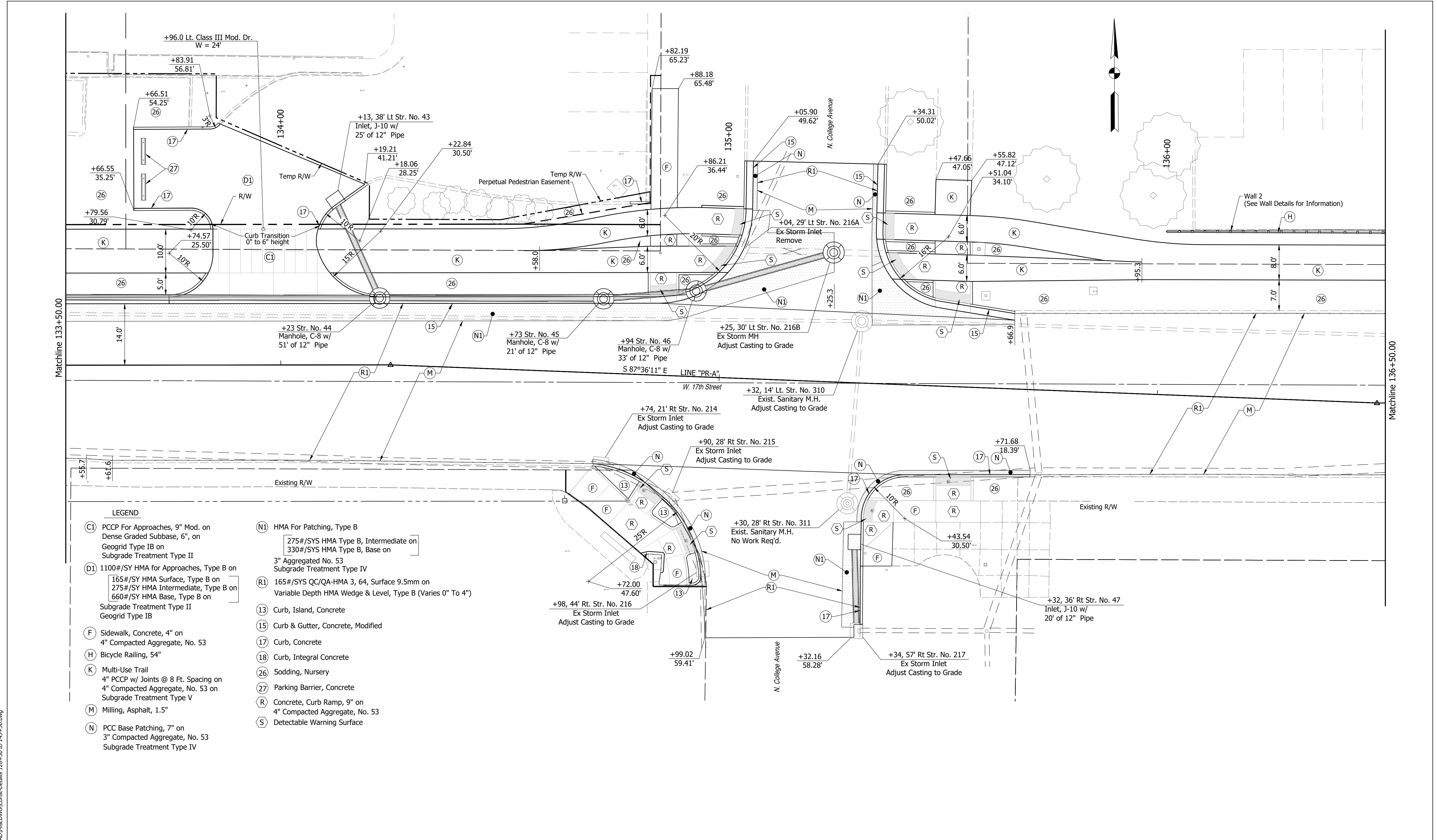


RECOMMENDED FOR APPROVAL	<i>Nicholas A. Will</i>	12/27/2021	DATE
DESIGNED:	JAF	DRAWN:	RTL
CHECKED:	NAW	CHECKED:	JAF

INDIANA  
 DEPARTMENT OF TRANSPORTATION

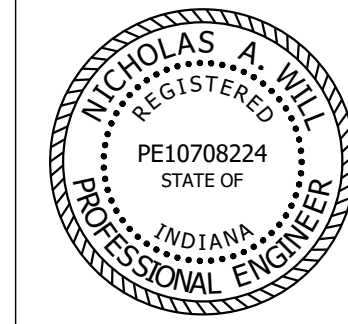
**CONSTRUCTION DETAILS LINE "PR-A"  
 STA. 130+75 TO 133+50**

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	-
VERTICAL SCALE	DESIGNATION
---	1900402
SURVEY BOOK	SHEETS
	57 of 155
CONTRACT	PROJECT
R-41895	1900402



- LEGEND**
- (CI) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (DI) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (H) Bicycle Railing, 54"
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
  - (N1) HMA For Patching, Type B 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (R1) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (13) Curb, Island, Concrete
  - (15) Curb & Gutter, Concrete, Modified
  - (17) Curb, Concrete
  - (18) Curb, Integral Concrete
  - (26) Sodding, Nursery
  - (27) Parking Barrier, Concrete
  - (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
  - (S) Detectable Warning Surface

**Notes:**  
All Stationing off Line "PR-A" Unless Otherwise Noted.



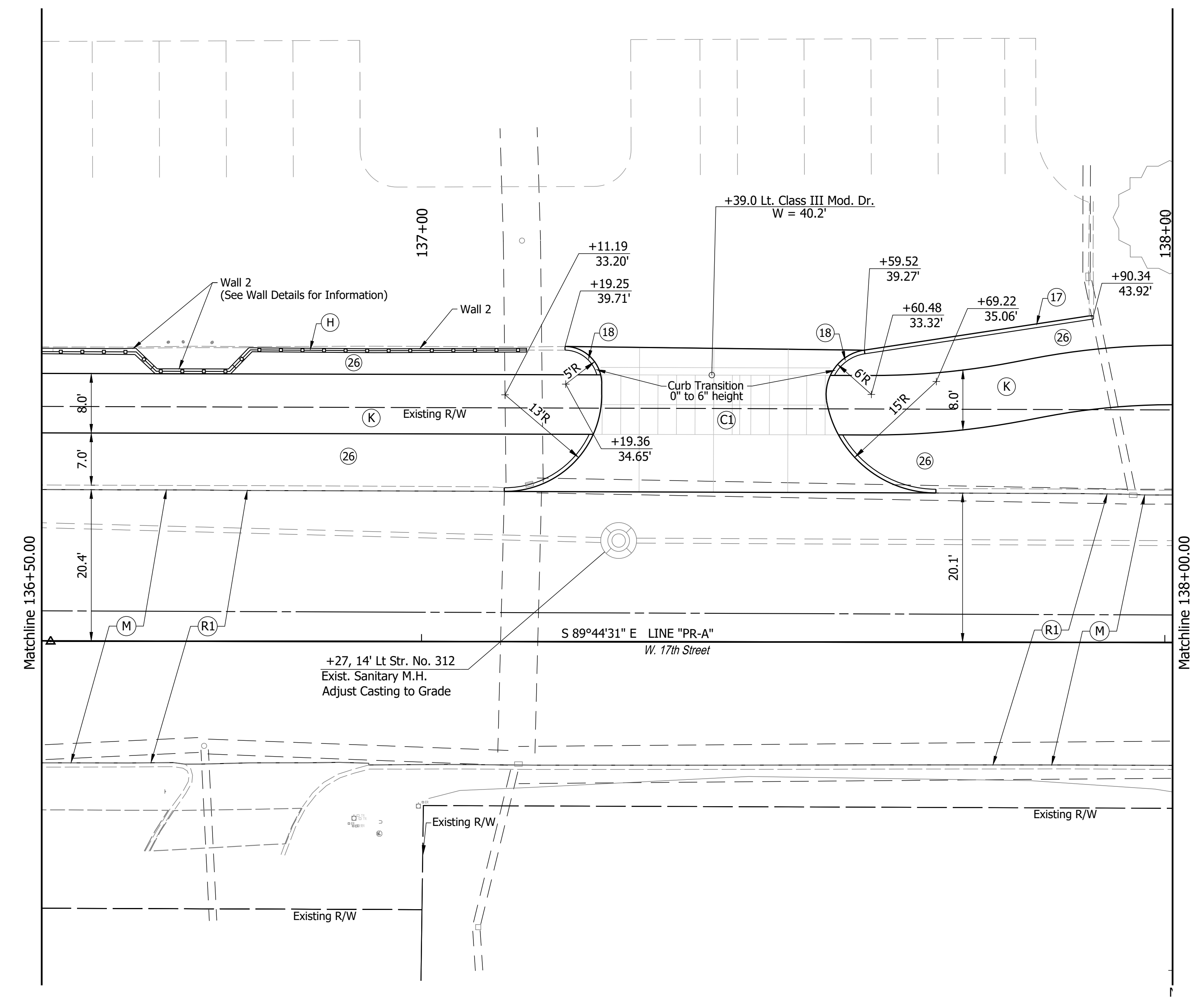
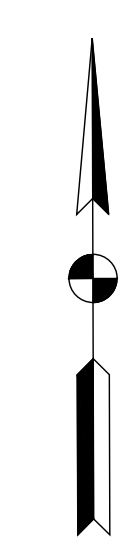
RECOMMENDED FOR APPROVAL: *Nicholas A. Will*, DESIGN ENGINEER, 12/27/2021, DATE

DESIGNED: JAF, DRAWN: RTL  
CHECKED: NAW, CHECKED: JAF

INDIANA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION DETAILS LINE "PR-A"  
STA. 133+50 TO 136+50

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	-
VERTICAL SCALE	DESIGNATION
---	1900402
SURVEY BOOK	SHEETS
	58 of 155
CONTRACT	PROJECT
R-41895	1900402

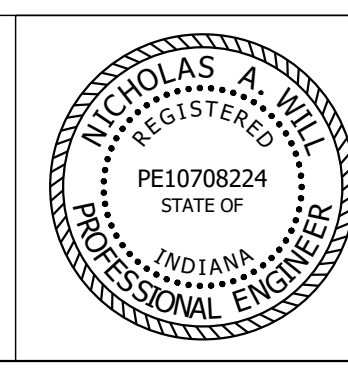
Date: Dec 31, 2021, 3:08pm User Name: eolson File: S:\\_2019\119-0055\Road\CAD\Misc\DWG\Const-Detail\_128-50 to 143+50.dwg



- LEGEND**
- (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (H) Bicycle Railing, 54"
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (R1) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (17) Curb, Concrete
  - (18) Curb, Integral Concrete
  - (26) Sodding, Nursery

Date: Dec 31, 2021, 3:08pm User Name: eolson File: S:\\_2019\19-0055\Road\CAD\MiscDWG\Const-Details\_128+50 to 143+50.dwg

**Notes:**  
All Stationing off Line "PR-A" Unless Otherwise Noted.



RECOMMENDED FOR APPROVAL: *Nicholas A. Will* DESIGN ENGINEER 12/27/2021 DATE

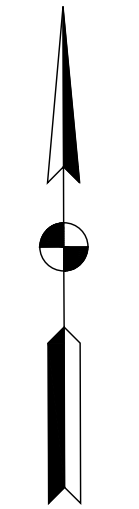
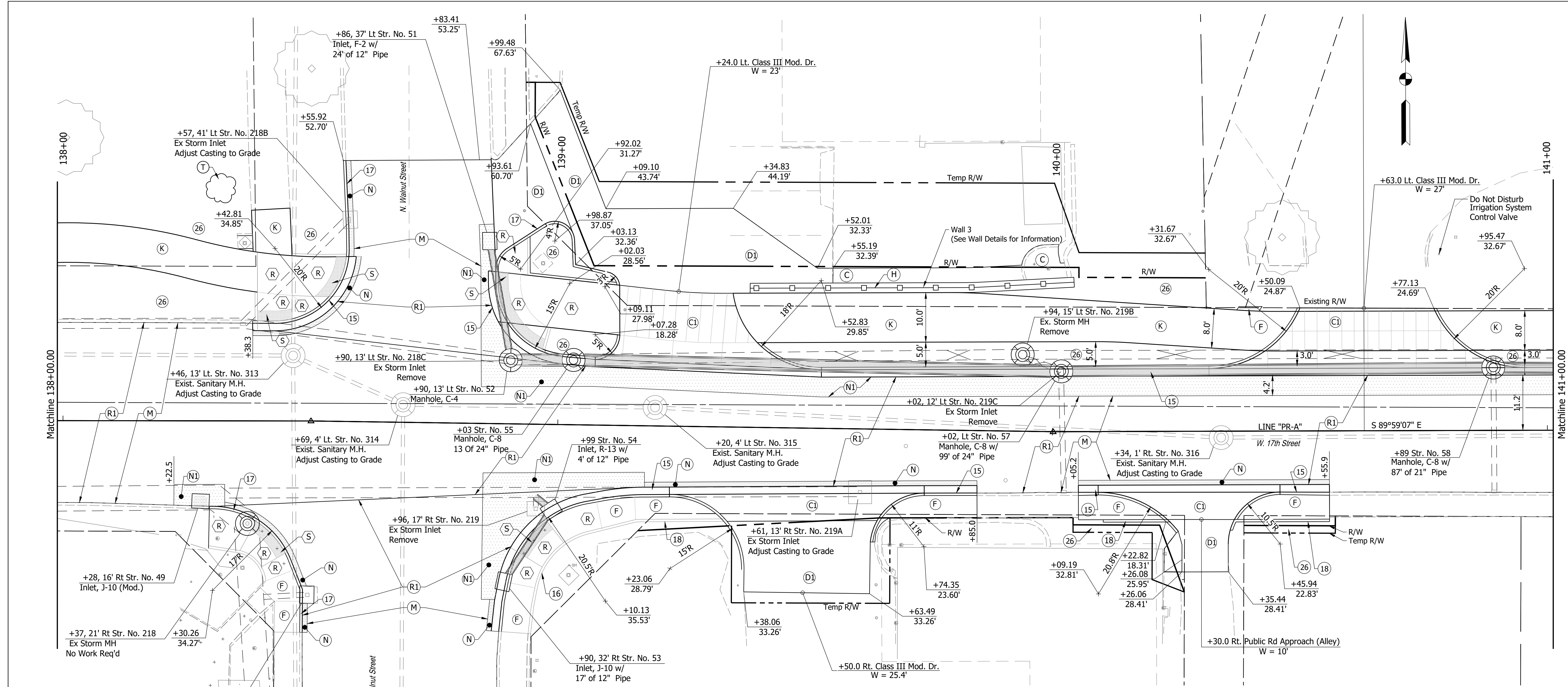
DESIGNED: JAF DRAWN: RTL

CHECKED: NAW CHECKED: JAF

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS LINE "PR-A" STA. 136+50 TO 138+00

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	-
VERTICAL SCALE	DESIGNATION
---	1900402
SURVEY BOOK	SHEETS
	59 of 155
CONTRACT	PROJECT
R-41895	1900402



**LEGEND**

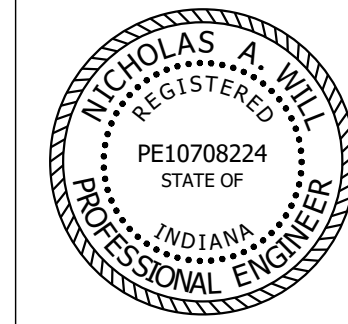
- (C) PCCP For Approaches, 6" Mod. on Dense Graded Subbase, on Subgrade Treatment Type II
- (CI) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
- (DI) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB on
- (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
- (H) Bicycle Railing, 54"
- (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
- (M) Milling, Asphalt, 1.5"
- (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
- (NI) HMA For Patching, Type B 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
- (RI) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
- (T) Plant, Deciduous Tree, Single Stem, 2" to 2.5" (Tree Species See this Sheet)
- (15) Curb & Gutter, Concrete, Modified
- (16) Curb, Integral Concrete, Mod.
- (17) Curb, Concrete
- (18) Curb, Integral Concrete
- (26) Sodding, Nursery
- (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
- (S) Detectable Warning Surface

**Native trees:**

Blackgum
Shumard Oak
Shingle Oak
Hackberry
Kentucky Coffeetree
Swamp White Oak

Date: Dec 31, 2021, 3:08pm User Name: eolson File: S:\\_2019\119-0055(Road)\CAD\Misc\DWG\Const-Detail\128-50 to 143-50.dwg

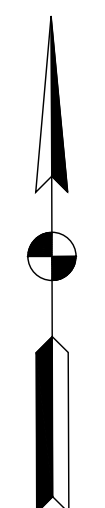
**Notes:**  
All Stationing off Line "PR-A" Unless Otherwise Noted.



RECOMMENDED FOR APPROVAL	<i>Nicholas A. Will</i>	DESIGN ENGINEER	12/27/2021	DATE
DESIGNED:	JAF	DRAWN:	RTL	
CHECKED:	NAW	CHECKED:	JAF	

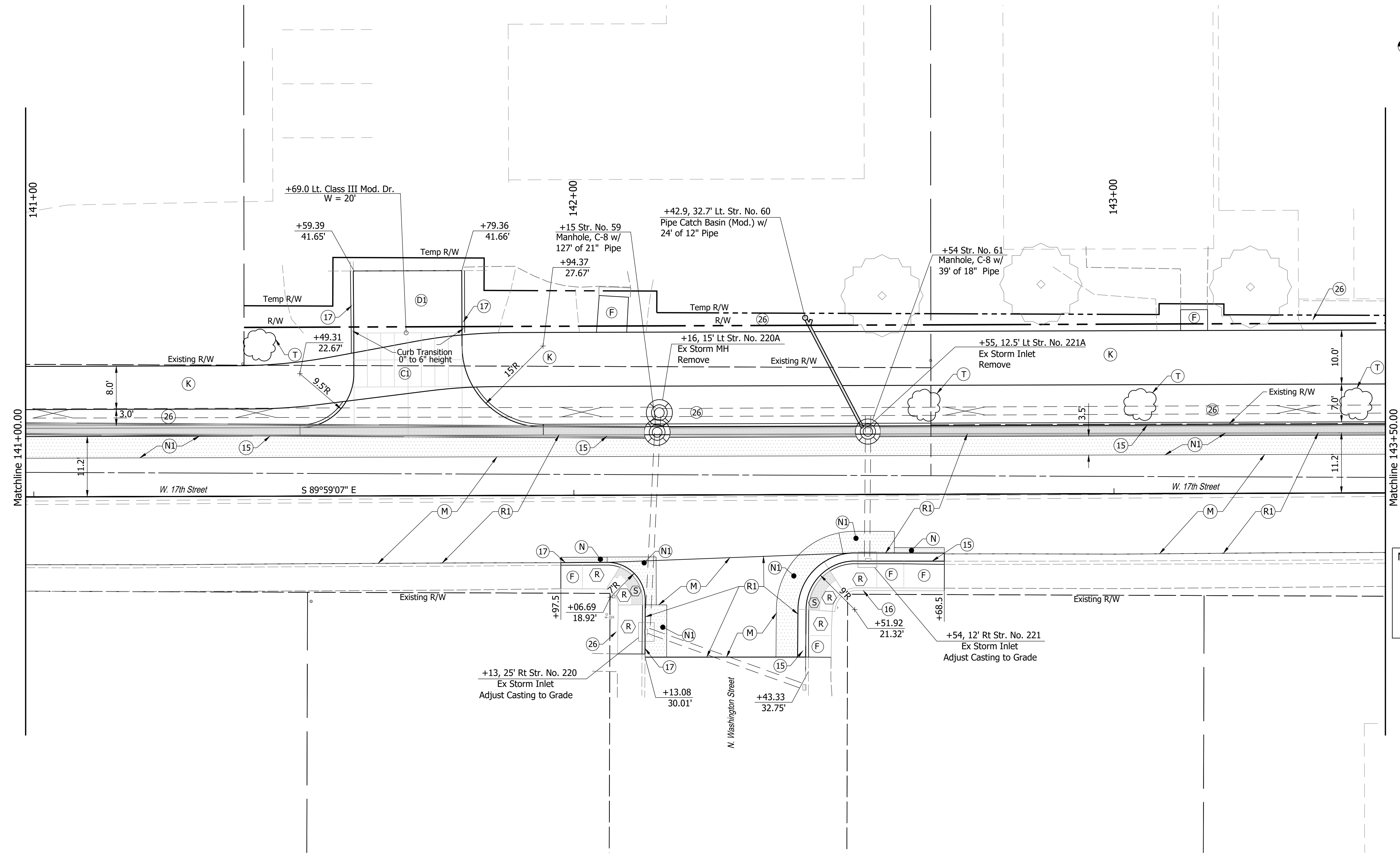
**INDIANA DEPARTMENT OF TRANSPORTATION**  
**CONSTRUCTION DETAILS LINE "PR-A"**  
**STA. 138+00 TO 141+00**

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	-
VERTICAL SCALE	DESIGNATION
---	1900402
SURVEY BOOK	SHEETS
	60 of 155
CONTRACT	PROJECT
R-41895	1900402



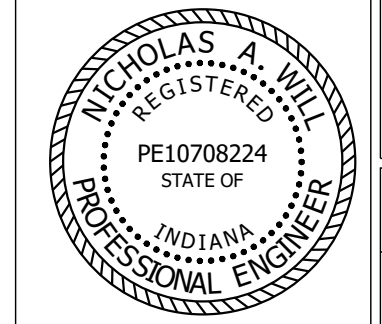
- LEGEND**
- (CI) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (D1) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB on
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
  - (N1) HMA For Patching, Type B 275#/SY HMA Type B, Intermediate on 330#/SY HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (R1) 165#/SY QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (T) Plant, Deciduous Tree, Single Stem, 2" to 2.5" (Tree Species See this Sheet)
  - (15) Curb & Gutter, Concrete, Modified
  - (16) Curb, Integral Concrete, Modified
  - (17) Curb, Concrete
  - (26) Sodding, Nursery
  - (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
  - (S) Detectable Warning Surface

- Native trees:**
- Blackgum
  - Shumard Oak
  - Shingle Oak
  - Hackberry
  - Kentucky Coffeetree
  - Swamp White Oak



Date: Dec 31, 2021, 3:09pm User Name: eolson File: S:\\_2019\119-0055 (Road)\CAD\Misc\DWG\Const-Detail-128+50 to 143+50.dwg

**Notes:**  
All Stationing off Line "PR-A" Unless Otherwise Noted.



RECOMMENDED FOR APPROVAL: *Nicholas A. Will* DESIGN ENGINEER 12/27/2021 DATE

DESIGNED: JAF DRAWN: RTL

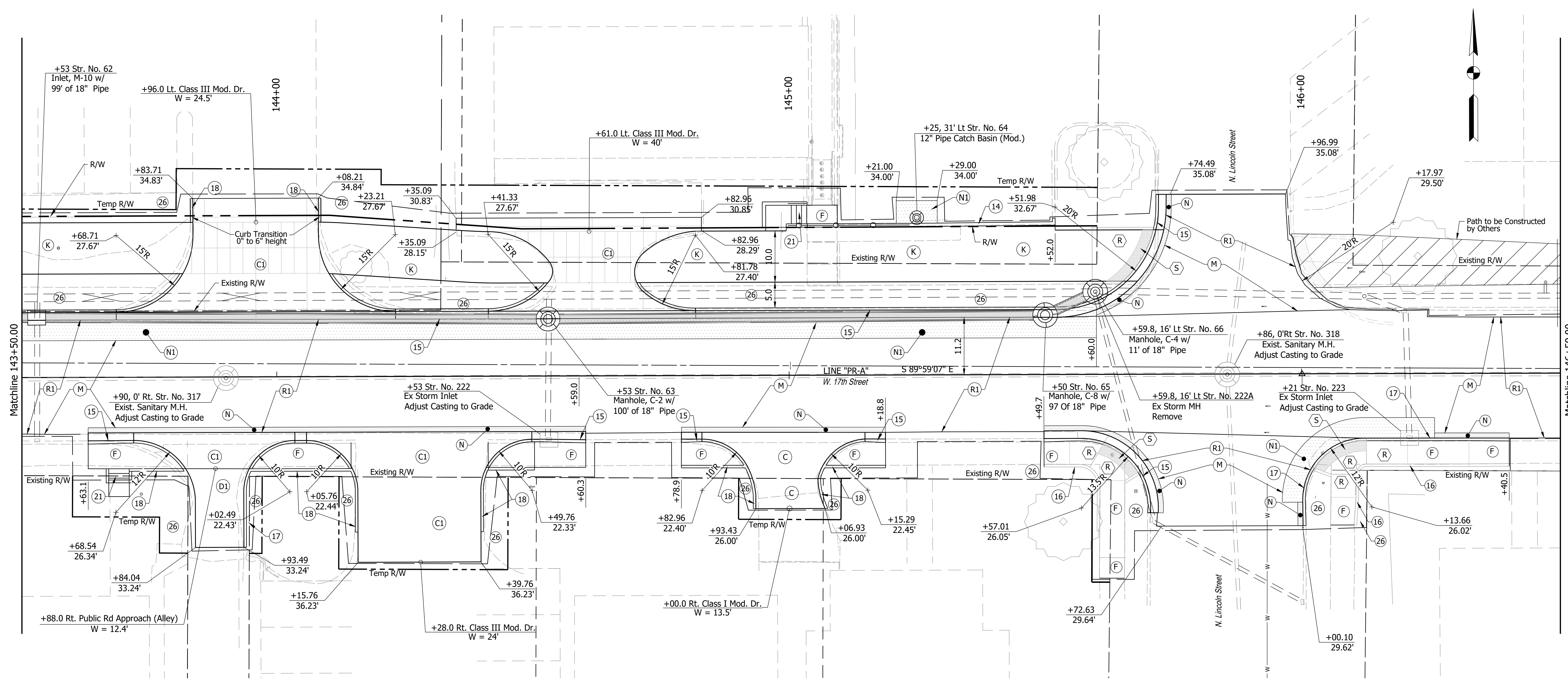
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INDIANA  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS LINE "PR-A"  
STA. 141+00 TO 143+50**

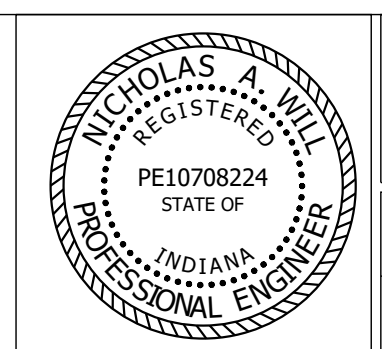
HORIZONTAL SCALE	BRIDGE FILE
1"=10'	-
VERTICAL SCALE	DESIGNATION
---	1900402
SURVEY BOOK	SHEETS
	61 of 155
CONTRACT	PROJECT
R-41895	1900402





- LEGEND**
- (C) PCCP For Approaches, 6" Mod. on Dense Graded Subbase, on Subgrade Treatment Type II
  - (CI) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (DI) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB on
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (K) Multi-Use Trail 4" PCCP w/ Joints @ 8 Ft. Spacing on 4" Compacted Aggregate, No. 53 on Subgrade Treatment Type V
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
  - (NI) HMA For Patching, Type B 275#/SYS HMA Type B, Intermediate on 330#/SYS HMA Type B, Base on 3" Aggregated No. 53 Subgrade Treatment Type IV
  - (RI) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (14) Curb, Concrete, Modified
  - (15) Curb & Gutter, Concrete, Modified
  - (16) Curb, Integral Concrete, Modified
  - (17) Curb, Concrete
  - (18) Curb, Integral Concrete
  - (21) Steps
  - (26) Sodding, Nursery
  - (R) Concrete, Curb Ramp, 9" on 4" Compacted Aggregate, No. 53
  - (S) Detectable Warning Surface

**Notes:**  
 All Stationing off Line "PR-A" Unless Otherwise Noted.



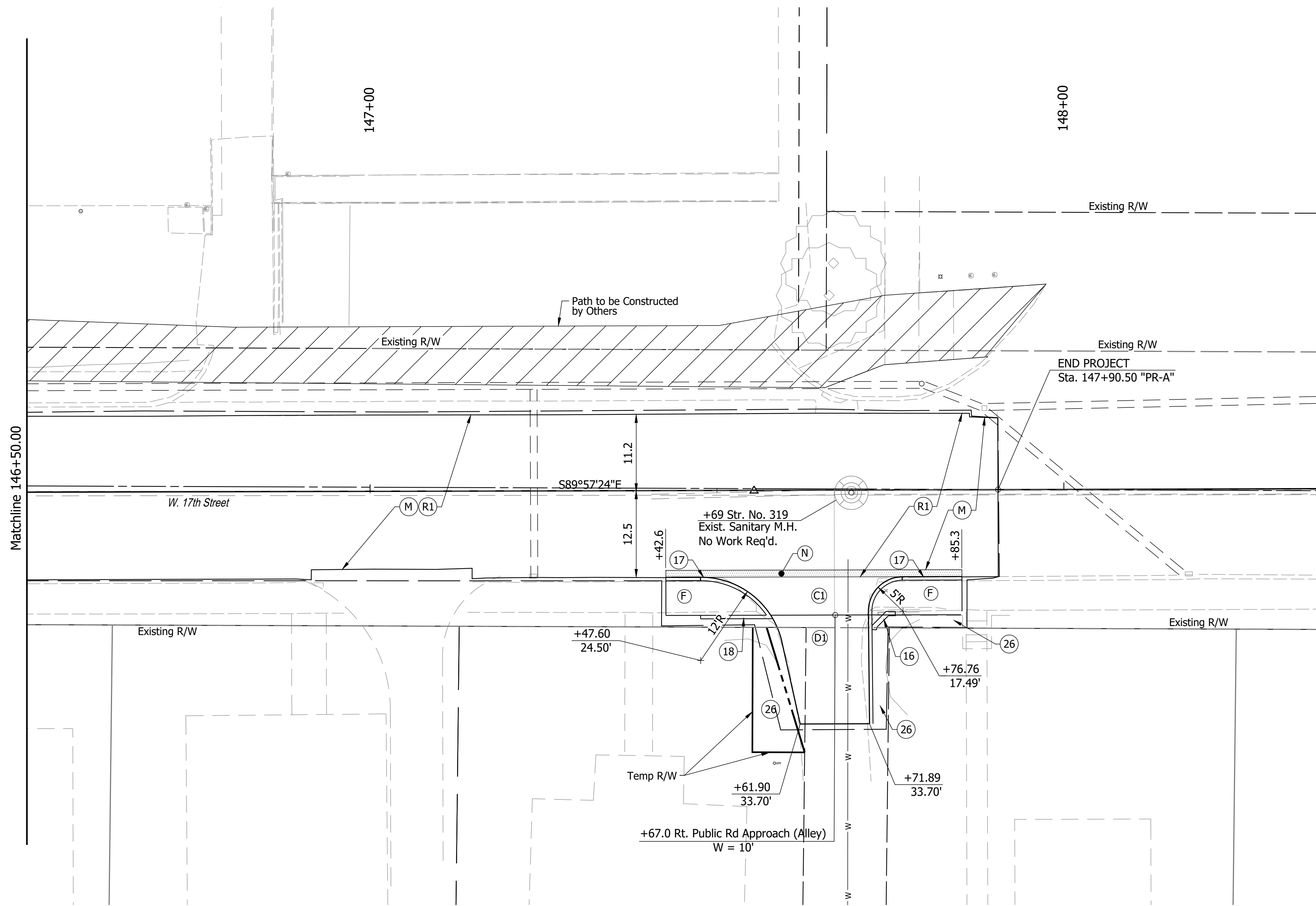
RECOMMENDED FOR APPROVAL: *Nicholas A. Will*  
 DESIGN ENGINEER DATE: 12/27/2021

DESIGNED: JAF DRAWN: RTL  
 CHECKED: NAW CHECKED: JAF

INDIANA DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION DETAILS LINE "PR-A" STA. 143+50 TO 146+50**

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	-
VERTICAL SCALE	DESIGNATION
---	1900402
SURVEY BOOK	SHEETS
	62 of 155
CONTRACT	PROJECT
R-41895	1900402

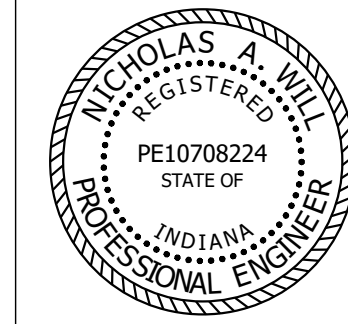
Date: Jan 04, 2022, 1:23pm User Name: edison File: S:\\_2019\19-0055\Road\CAD\Misc\DWG\Const-Detail\_143+50 to 146+50.dwg



- LEGEND**
- (C1) PCCP For Approaches, 9" Mod. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment Type II
  - (D1) 1100#/SY HMA for Approaches, Type B on 165#/SY HMA Surface, Type B on 275#/SY HMA Intermediate, Type B on 660#/SY HMA Base, Type B on Subgrade Treatment Type II Geogrid Type IB on
  - (F) Sidewalk, Concrete, 4" on 4" Compacted Aggregate, No. 53
  - (M) Milling, Asphalt, 1.5"
  - (N) PCC Base Patching, 7" on 3" Compacted Aggregate, No. 53 Subgrade Treatment Type IV
  - (R1) 165#/SYS QC/QA-HMA 3, 64, Surface 9.5mm on Variable Depth HMA Wedge & Level, Type B (Varies 0" To 4")
  - (16) Curb, Integral Concrete, Modified
  - (17) Curb, Concrete
  - (18) Curb, Integral Concrete
  - (26) Sodding, Nursery

Date: Dec 31, 2021, 3:11pm User Name: eolson  
File: S:\\_2019\119-0055 (Road)\CAD\Misc\DWG\Const-Detail\_143+50 to 148+50.dwg

**Notes:**  
All Stationing off Line "PR-A" Unless Otherwise Noted.



RECOMMENDED FOR APPROVAL: *Nicholas A. Will* DESIGN ENGINEER 12/27/2021 DATE

DESIGNED: JAF DRAWN: RTL

CHECKED: NAW CHECKED: JAF

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS LINE "PR-A"  
STA. 146+50 TO 148+50

HORIZONTAL SCALE	BRIDGE FILE
1"=10'	-
VERTICAL SCALE	DESIGNATION
---	1900402
SURVEY BOOK	SHEETS
	63 of 155
CONTRACT	PROJECT
R-41895	1900402



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**TRAFFIC/BPSC COMMISSION  
STAFF REPORT**

**Case #:** TC-22-04  
**Date:** March 23, 2022

---

**FROM:** Neil Kopper, PE, Engineering Department

**REQUEST:** Crosswalk improvements at three locations

---

**Location:** 3<sup>rd</sup> Street and Grant Street; 11<sup>th</sup> Street, Diamond Street, and Blair Avenue; Patterson Drive, 3<sup>rd</sup> Street, and Isaac Drive

**Description and purpose:** The City of Bloomington is adding crosswalk improvements at three intersections.

The purpose of the crosswalk improvements is to improve safety for pedestrians specifically and all street users generally.

Improving street crossings for pedestrians is consistent with the Transportation Plan's mode priority stating that "pedestrians should receive the greatest priority, because they are the most vulnerable and the most space-efficient road user." Pedestrian improvements are consistent with multiple Comprehensive Plan goals, such as Goal 6.3 Improve the Bicycle and Pedestrian Network: Maintain, improve, and expand an accessible, safe, and efficient network for pedestrians, and attain platinum status as a Bicycle Friendly Community, as rated by the League of American Bicyclists."

**Title 15 Changes:** Currently there is a section of Title 15, "15.20.010 Restricted turn intersections" with Schedule G. The purpose appears to be to list intersections where there are turn restrictions, distinct from the sections "restricted turns on red at signalized intersections." However, schedule G is blank. Staff recommends removing this second from code. If a turn is restricted at an intersection, the restriction is posted or the turn is not possible due to physical objects (medians, curbs, off-set, etc.).

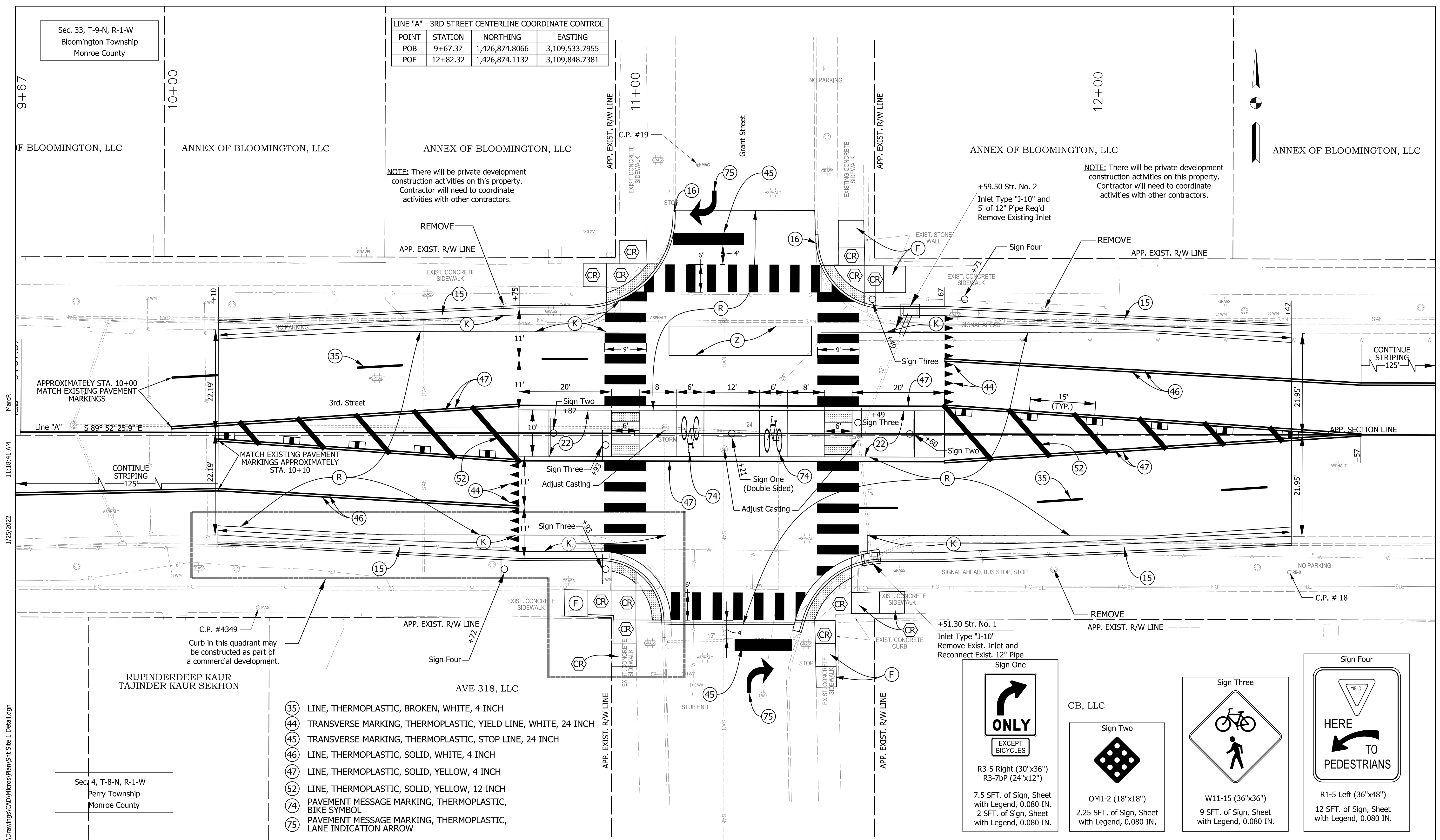
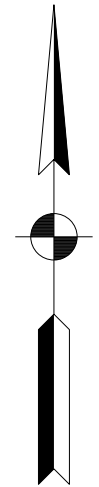
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**Recommendation:**

Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.

Sec. 33, T-9-N, R-1-W  
Bloomington Township  
Monroe County

POINT	STATION	NORTHING	EASTING
POB	9+67.37	1,426,874.8066	3,109,533.7955
POE	12+82.32	1,426,874.1132	3,109,848.7381



- (35) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 INCH
- (44) TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 24 INCH
- (45) TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, 24 INCH
- (46) LINE, THERMOPLASTIC, SOLID, WHITE, 4 INCH
- (47) LINE, THERMOPLASTIC, SOLID, YELLOW, 4 INCH
- (52) LINE, THERMOPLASTIC, SOLID, YELLOW, 12 INCH
- (74) PAVEMENT MESSAGE MARKING, THERMOPLASTIC, BIKE SYMBOL
- (75) PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW
- (15) MODIFIED COMBINED CONCRETE CURB AND GUTTER (VERTICAL)
- (16) CONCRETE CURB (VERTICAL)
- (22) CONCRETE CENTER CURB, TYPE C
- (K) RAISED PAVEMENT MARKER (SNOWPLOWABLE)

Sign One

R3-5 Right (30"x36")  
R3-7bP (24"x12")

7.5 SFT. of Sign, Sheet with Legend, 0.080 IN.  
2 SFT. of Sign, Sheet with Legend, 0.080 IN.

Sign Two

OM1-2 (18"x18")

2.25 SFT. of Sign, Sheet with Legend, 0.080 IN.

Sign Three

W11-15 (36"x36")

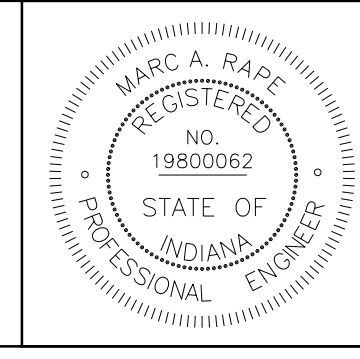
9 SFT. of Sign, Sheet with Legend, 0.080 IN.

Sign Four

R1-5 Left (36"x48")

12 SFT. of Sign, Sheet with Legend, 0.080 IN.

LEGEND	
	(K) FULL DEPTH HMA WIDENING: 275 #/SY HMA INTERMEDIATE, TYPE B on 880 #/SY HMA BASE, TYPE B
	(R) HMA RESURFACE: 1-1/2" SURFACE MILLING 165#/SY QC/Q-HMA, 3, 64, SURFACE
	(Z) HMA PATCHING, TYPE B (SAME LAYERS AS "K")



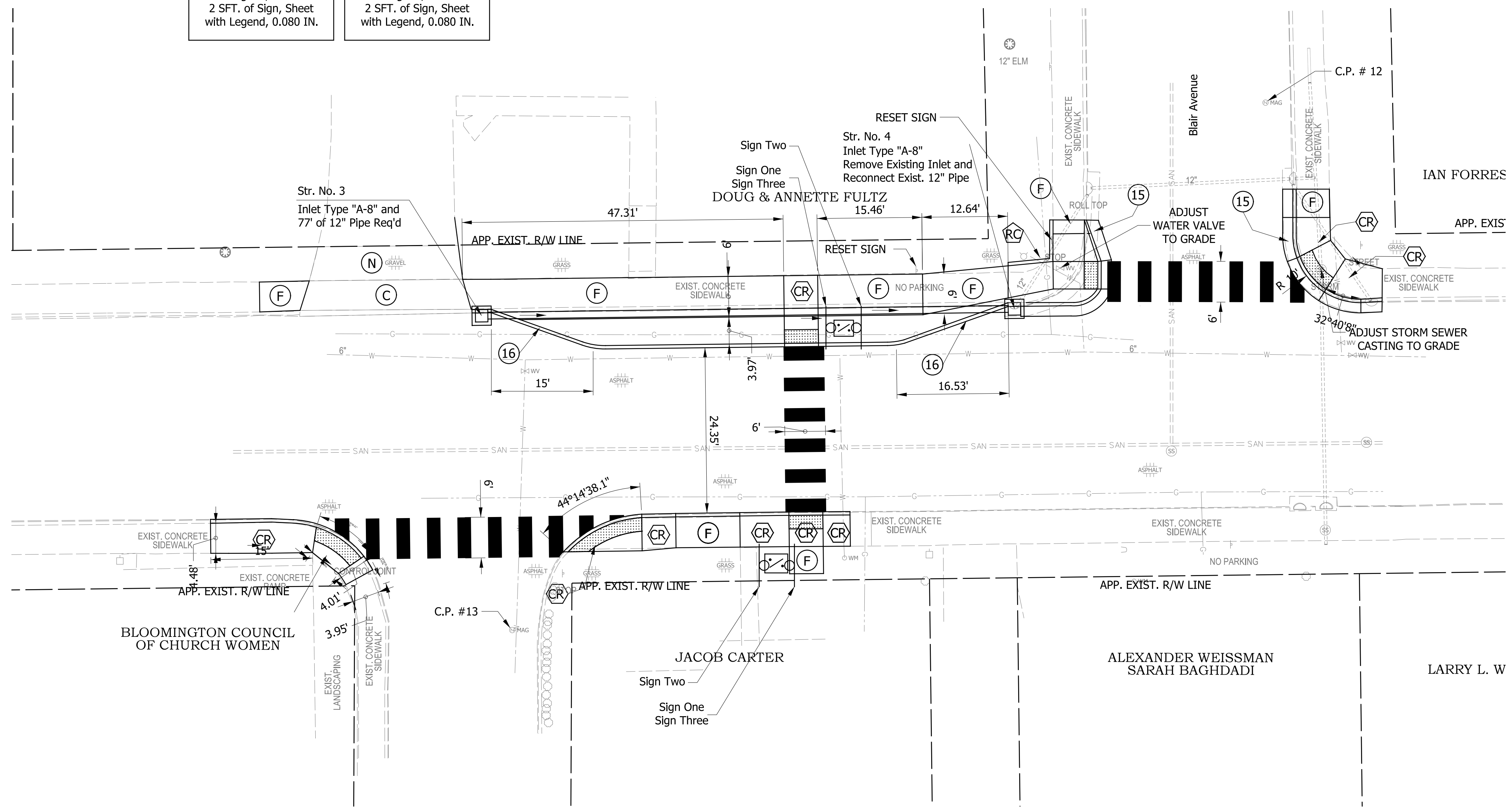
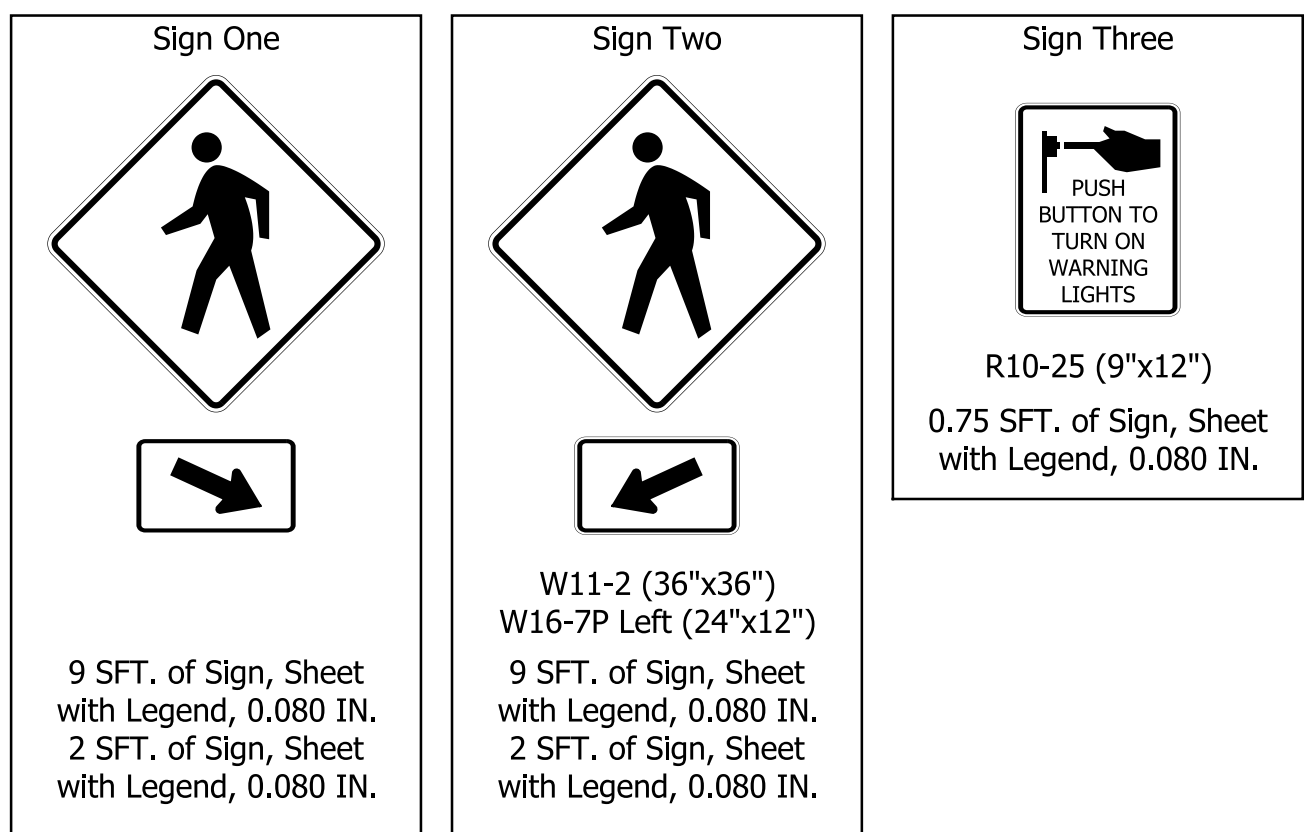
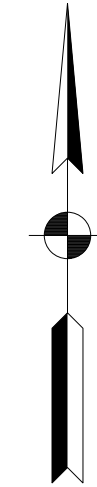
RECOMMENDED FOR APPROVAL	<i>Marc A. Rape</i>	9/27/2021
DESIGNED: SWW	DRAWN: SWW	DATE
CHECKED: MAR	CHECKED: MAR	

INDIANA  
DEPARTMENT OF TRANSPORTATION

SITE 1  
3rd STREET & GRANT STREET

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION NO.
N/A	1700976
SURVEY BOOK NO.	SHEETS
ELECTRONIC	5 of 15
CONTRACT NO.	PROJECT NO.
R-40337	1700976

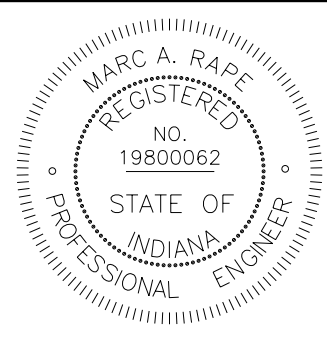
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1/25/2022 11:01:57 AM MarcR

S:\COL\4600-4699\4607\002\Drawings\CAD\Micros\Plan\Site 2 Detail.dgn

- DETECTABLE WARNING SURFACE
- CURB RAMP, CONCRETE
- F
- 6 IN. PCCP FOR DRIVEWAYS
- MODIFIED COMBINED CONCRETE CURB AND GUTTER (VERTICAL)
- CONCRETE CURB (VERTICAL)
- COMPACTED AGGREGATE, NO. 53 (6 INCH DEPTH)
- RETURN CURB
- RECTANGULAR RAPID FLASH BEACON (DOUBLE SIDED)



RECOMMENDED FOR APPROVAL *Marc A. Rape* 9/27/2021  
 DESIGN ENGINEER DATE

DESIGNED: SWW DRAWN: SWW  
 CHECKED: MAR CHECKED: MAR

INDIANA  
 DEPARTMENT OF TRANSPORTATION

SITE 2 CROSSING  
 11th ST. & DIAMOND ST. / BLAIR AVE.

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION NO.
NA	1700976
SURVEY BOOK NO.	SHEETS
ELECTRONIC	7 of 15
CONTRACT NO.	PROJECT NO.
R-40337	1700976

North side  
South side

W11-2 (36"x36")  
W16-7P Left (24"x12")

9 SFT. of Sign, Sheet with Legend, 0.080 IN.  
2 SFT. of Sign, Sheet with Legend, 0.080 IN.

W11-2 (36"x36")  
W16-7P Right (24"x12")

9 SFT. of Sign, Sheet with Legend, 0.080 IN.  
2 SFT. of Sign, Sheet with Legend, 0.080 IN.

North side  
South side

W11-2 (36"x36")  
W16-7P Right (24"x12")

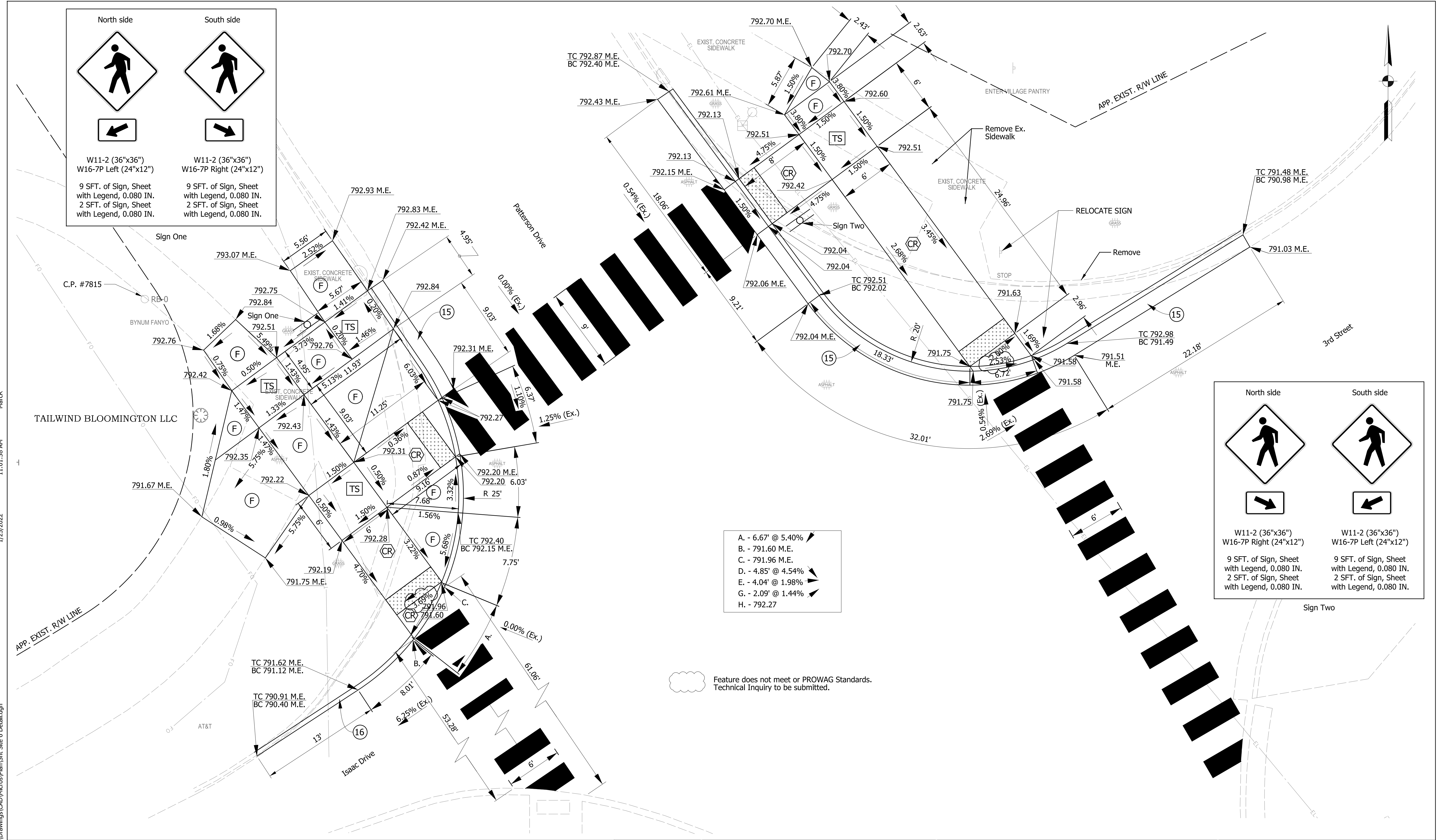
9 SFT. of Sign, Sheet with Legend, 0.080 IN.  
2 SFT. of Sign, Sheet with Legend, 0.080 IN.

W11-2 (36"x36")  
W16-7P Left (24"x12")

9 SFT. of Sign, Sheet with Legend, 0.080 IN.  
2 SFT. of Sign, Sheet with Legend, 0.080 IN.

- A. - 6.67' @ 5.40%
- B. - 791.60 M.E.
- C. - 791.96 M.E.
- D. - 4.85' @ 4.54%
- E. - 4.04' @ 1.98%
- G. - 2.09' @ 1.44%
- H. - 792.27

Feature does not meet or PROWAG Standards.  
Technical Inquiry to be submitted.



11:01:58 AM

1/25/2022

S:\COL\4600-4699\4607\002\Drawings\CAD\Micros\Plan\Site 6 Detail.dgn

LEGEND	
	DETECTABLE WARNING SURFACE
	CURB RAMP, CONCRETE
	CONCRETE SIDEWALK
	TURNING SPACE
	MODIFIED COMBINED CONCRETE CURB AND GUTTER (VERTICAL)
	CONCRETE CURB VERTICAL



RECOMMENDED FOR APPROVAL	<i>Marc A. Rape</i>	9/27/2021
DESIGNED:	SWW	DRAWN:
CHECKED:	MAR	CHECKED:

INDIANA DEPARTMENT OF TRANSPORTATION

SITE 6 CROSSING  
ISAAC DRIVE & PATTERSON DRIVE

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION NO.
NA	1700976
SURVEY BOOK NO.	SHEETS
ELECTRONIC	9 of 15
CONTRACT NO.	PROJECT NO.
R-40337	1700976



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**TRAFFIC/BPSC COMMISSION  
STAFF REPORT**

**Case #:** TC-22-05  
**Date:** March 23, 2022

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**FROM:** Neil Kopper, PE, Engineering Department

**REQUEST:** Adding traffic signal at Tapp Road and Deborah Drive

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**Location:** Tapp Road and Deborah Drive

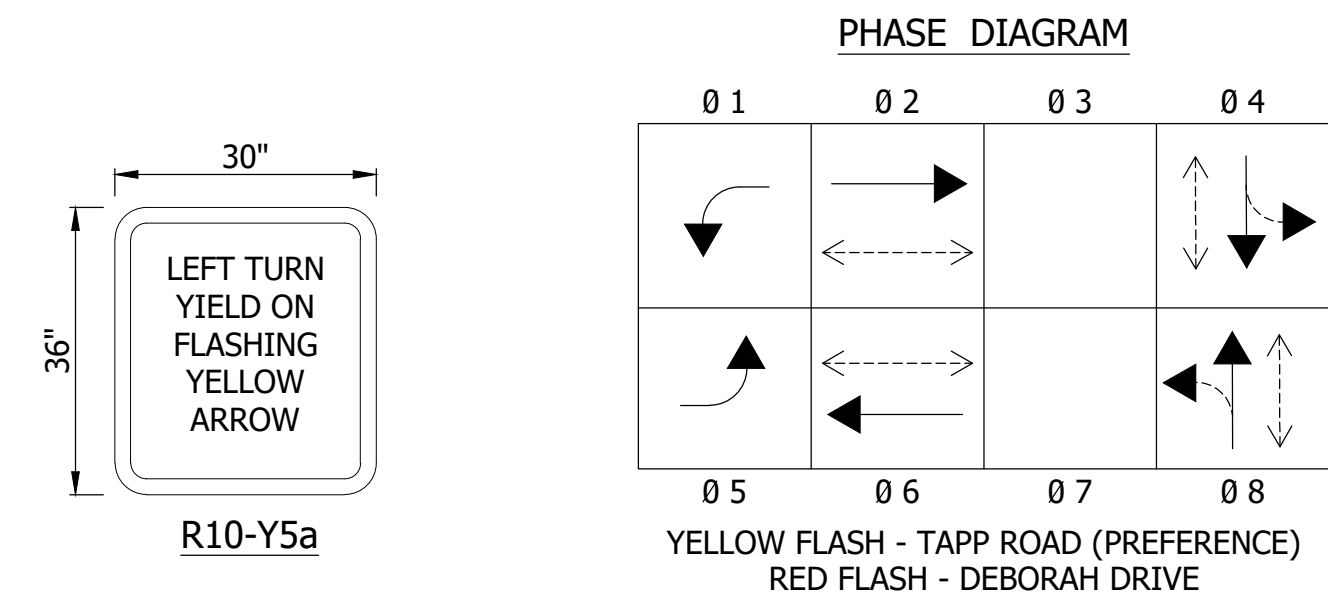
**Description and purpose:** The City of Bloomington will be adding a traffic signal at the Tapp Road and Deborah Drive intersection. This is in connection with an Indiana Department of Transportation (INDOT) project.

**Title 15 Changes:** A Title 15 amendment will be proposed to Council to add the intersections to the list of signalized intersections.

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**Recommendation:**

Staff recommends that the Commission forward the Title 15 changes to Council with a positive recommendation.



See City of Bloomington Standard Drawing SS-1, Street Name Sign Details

LEGEND

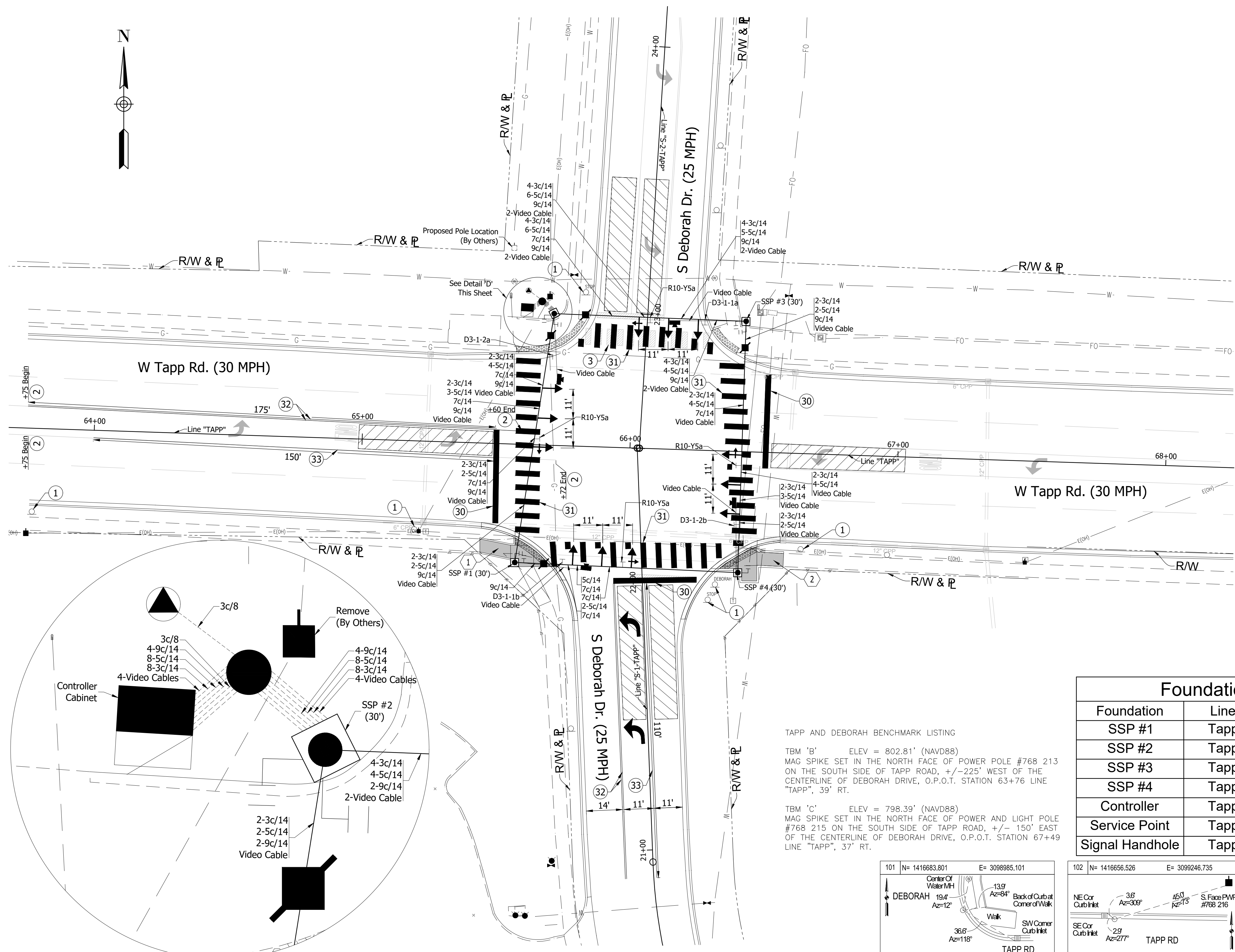
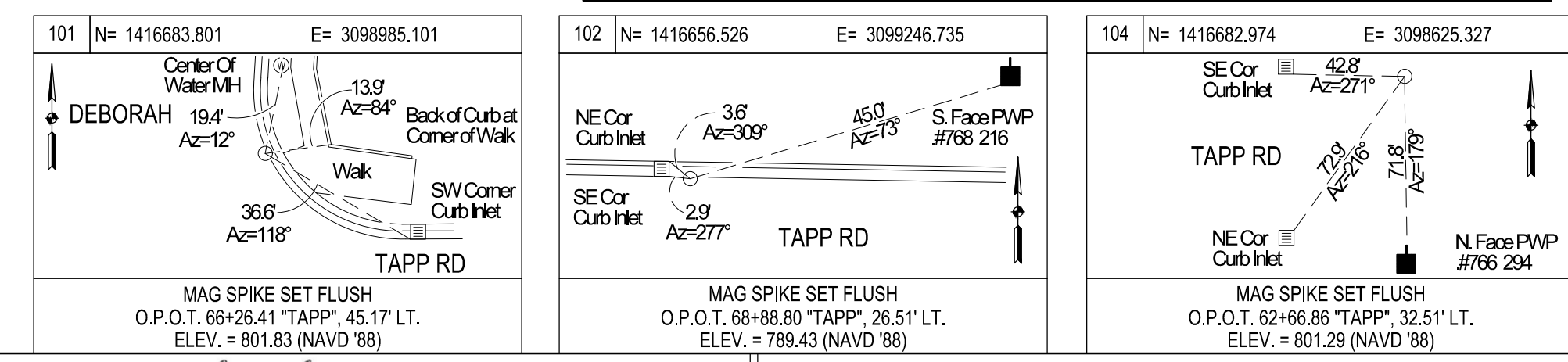
- ① Sign, Remove
- ② Line, Remove
- ③ Transverse Marking, Remove
- ③① Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
- ③② Transverse Marking, Thermoplastic, Crosswalk Line, 24 in. See Detail, Sheet 9
- ③③ Line, Thermoplastic, Solid, Yellow, 4 in.
- ③④ Line, Thermoplastic, Solid, White, 4 in.
- ⊕ Curb Ramp No. \_\_, Concrete, Sheet No. 9
- Span, Catenary, and Tether
- 2" Galvanized Steel Conduit
- Silt Fence
- Signal Handhole, Type 1
- ⊠ Steel Strain Pole (30')
- ▲ Signal Service Point, H-Frame Structure Mounted See Duke Energy 'Gold Book' Figure 117
- Disconnect Hanger
- ⊕ 18" LED Pedestrian Signal Indication with Countdown Timer and APS Push Button (Speech Walk Message) and R10-3e Sign
- 1-Way, 3-Section (12" Red LED, 12" Yellow LED, 12" Green LED) Signal Indication With Backplate
- ↔ 1-Way, 4-Section (12" Red LED, 12" Yellow Arrow LED, 12" Flashing Yellow Arrow LED, 12" Green Arrow LED) Signal Indication With Backplate
- ⊕ 8-Phase Fully Actuated Econolite Cobalt TS-2 Type 1 Controller, Applied Information unit 500-085-02, and Cabinet on 'P' Foundation
- ⊕ Video Detection Camera With 25' Mast Arm (Autoscope RackVision Terra)
- ▨ Video Detection Zone
- ⊕ Curb Ramp, Concrete
- ↔ Proposed Message Marking, Thermoplastic, Lane Indication Arrow

Foundation	Line	Station	Offset
SSP #1	Tapp	65+58	44.1' Rt.
SSP #2	Tapp	65+70	49.7' Lt.
SSP #3	Tapp	66+42	48.6' Lt.
SSP #4	Tapp	66+42	45.2' Rt.
Controller	Tapp	65+60	47.8' Lt.
Service Point	Tapp	65+60	57.4' Lt.
Signal Handhole	Tapp	65+65	53.6' Lt.

TAPP AND DEBORAH BENCHMARK LISTING

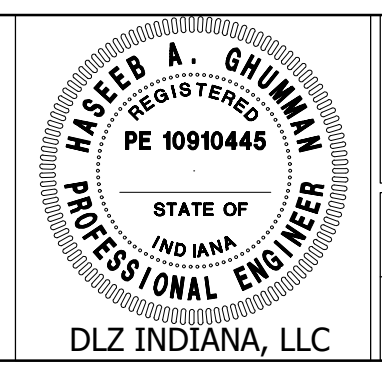
TBM 'B' ELEV = 802.81' (NAVD88)  
MAG SPIKE SET IN THE NORTH FACE OF POWER POLE #768 213 ON THE SOUTH SIDE OF TAPP ROAD, +/- 225' WEST OF THE CENTERLINE OF DEBORAH DRIVE, O.P.O.T. STATION 63+76 LINE "TAPP", 39' RT.

TBM 'C' ELEV = 798.39' (NAVD88)  
MAG SPIKE SET IN THE NORTH FACE OF POWER AND LIGHT POLE #768 215 ON THE SOUTH SIDE OF TAPP ROAD, +/- 150' EAST OF THE CENTERLINE OF DEBORAH DRIVE, O.P.O.T. STATION 67+49 LINE "TAPP", 37' RT.



Detail 'D' (Not to Scale)

- NOTES:
- All Signal Heads Shall Be Black With Black Backplates And Yellow Retroreflective Strips.
  - Video Cables Shall Be Installed Per Manufactures Recommendations.
  - Video Cables Denote A Coaxial Cable And A 3c/14 Cable for Video Detection Camera.
  - Add 6 in. Pushbutton Assembly Extensions At Each Location, As Directed By The Engineer.



RECOMMENDED FOR APPROVAL: *Haseb Ghuman* DESIGN ENGINEER DATE: 05/14/2024

DESIGNED: TAB DRAWN: TAB

CHECKED: HAG CHECKED: JRS

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL PLAN

TAPP ROAD AND DEBORAH DRIVE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	---
VERTICAL SCALE	DESIGNATION
---	---
SURVEY BOOK	SHEETS
---	8 of 9
CONTRACT	PROJECT
---	---

Date: May 14, 2021, 2:11pm  
File: X:\Projects\GFI\2017\1763\108270\INDOT L-69 Sec. 5\Tapp & Deborah\Civil\DWG\10825610.dwg Model Tab: 10825610 - Signal Plan