

| | |
|----------|---------------|
| PROJECT | DESIGNATION |
| 1900399 | 1900399 |
| CONTRACT | STRUCTURE NO. |
| R-41892 | N / A |

INDIANA DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

| TRAFFIC DATA | | W 1st Street | |
|---------------------------|-----------|-------------------|----------------|
| A.A.D.T. 2020 | | 3830 | V.P.D. |
| A.A.D.T. 2040 | PROJECTED | 4673 | V.P.D. |
| D.H.V. 2040 | | 146 | V.P.H. |
| DIRECTIONAL DISTRIBUTION | | 50 (EB) / 50 (WB) | % |
| TRUCKS | | 10 | % A.A.D.T. |
| | | 3.8 | % D.H.V. |
| DESIGN DATA | | | |
| DESIGN SPEED | | 25 | MPH |
| PROJECT DESIGN CRITERIA | | | Reconstruction |
| FUNCTIONAL CLASSIFICATION | | | Collector |
| RURAL/URBAN | | | Urban |
| TERRAIN | | | Rolling |
| ACCESS CONTROL | | | N/A |

W 1ST ST. RECONSTRUCTION FROM 400 FEET WEST OF FAIRVIEW ST. TO COLLEGE AVE.

PROJECT NO. **1900399** P.E.
1900399 R/W
1900399 CONST.

Full roadway and sidewalk reconstruction of 1st Street from 400 feet West of Fairview Street to College Avenue, in Sections 4 & 5, T-8-N, R-1-W, Perry Township, Monroe County, Indiana.

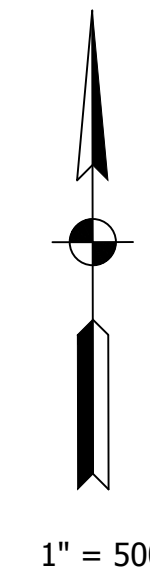
GROSS LENGTH: 0.408 Miles
NET LENGTH: 0.408 Miles

SCALES:

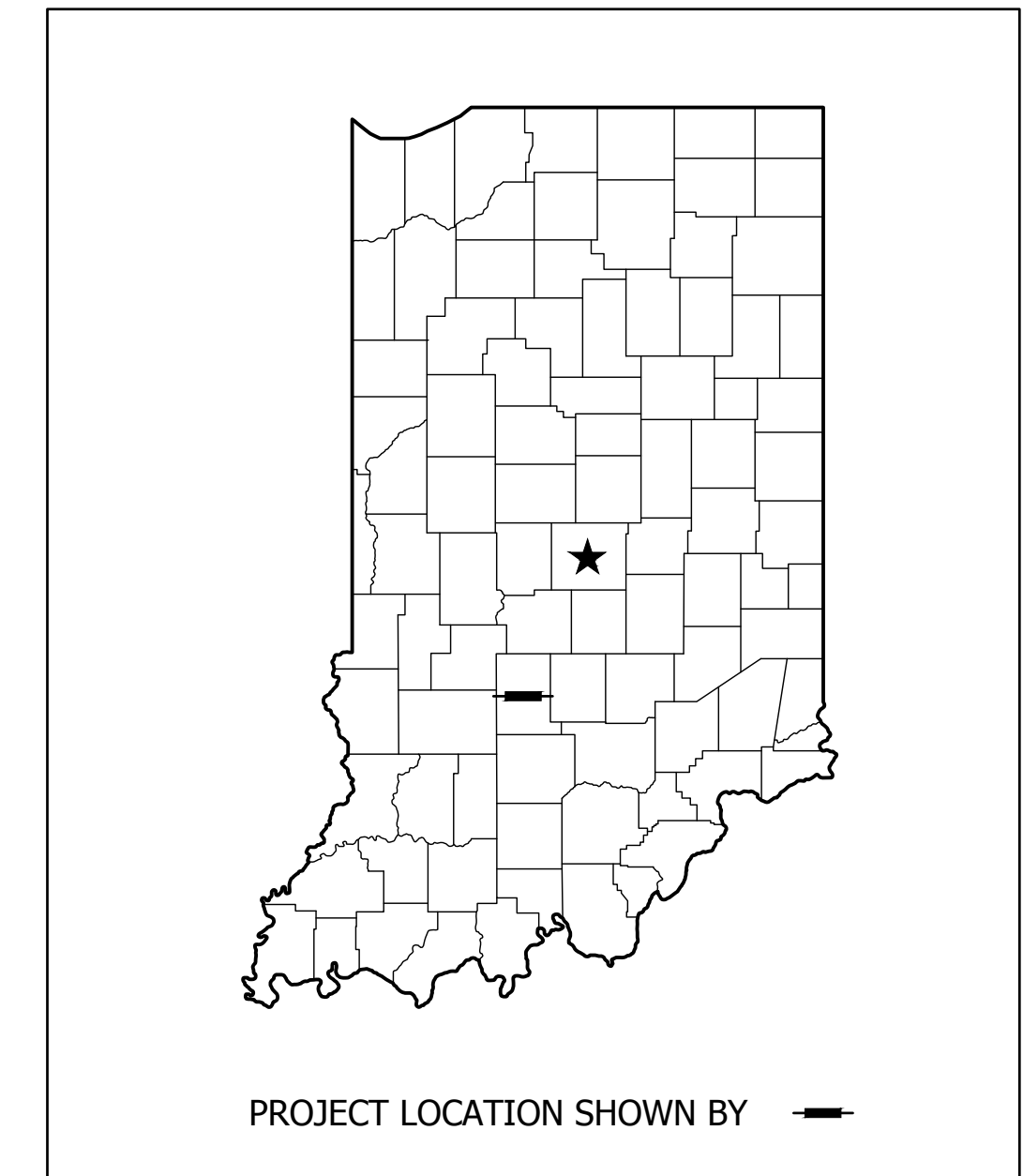
PLAN { LONG: 1" = 20' PROFILE { HORIZ: 1" = 20'
VERT: 1" = 5' MAX. GRADE: 8.00%

LOCATION:

LATITUDE: 39° 09' 34.00" N
LONGITUDE: 86° 32' 33.01" W



1" = 500'



PROJECT LOCATION SHOWN BY —

HUC: 05120208090010

CITY OF BLOOMINGTON
[Signature]
04/05/2023
PROJECT ENGINEER (E.I.T.)

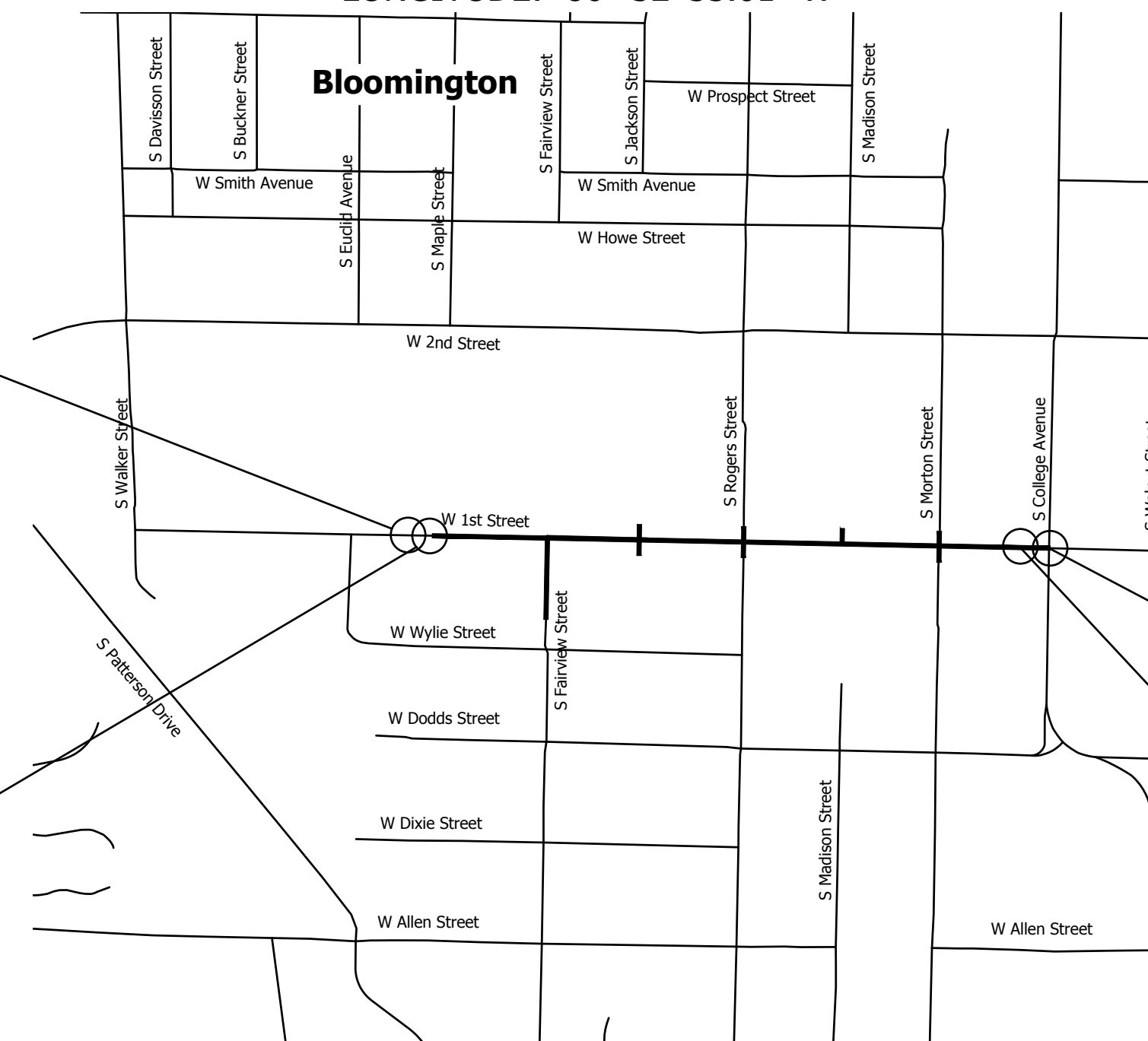
BOARD OF PUBLIC WORKS
[Signature]
CHAIRMAN
[Signature]
MEMBER
[Signature]
MEMBER
SECRETARY

**BEGIN INCIDENTAL CONSTRUCTION
STA. 18+78.00, LINE "PR-A"**

**BEGIN PROJECT
STA. 19+40.94, LINE "PR-A"**

**END INCIDENTAL CONSTRUCTION
STA. 41+14.00, LINE "PR-A"**

**END PROJECT
STA. 40+98.36, LINE "PR-A"**



LOCATION MAP
Perry Township
Monroe County

[INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2024 TO BE USED WITH THESE PLANS]

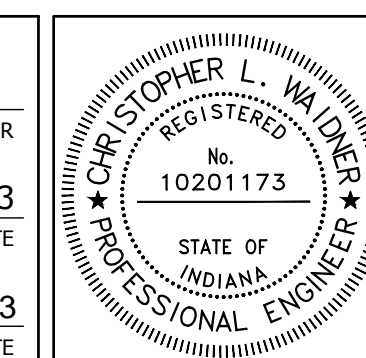
DIRECTOR...: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\01 Title Index Typ Sections\...
FILE: ...: 4421 title.dwg
PLOT SCALE: 1/8" = 1' SCALE: 1" = 500'
DATE: ...: Jun 14, 2023 - 11:33am



PLANS PREPARED BY: **VS ENGINEERING, INC.** FAX: 317.293.4737 TEL: 812.401.0303

CERTIFIED BY: *[Signature]* 4/5/23
Christopher Wajdner, P.E. INDIANA REG. NO. 10201173 DATE

APPROVED FOR LETTING: *[Signature]* 11/8/2023
INDIANA DEPARTMENT OF TRANSPORTATION DATE



| | |
|---------------|---------|
| STRUCTURE NO. | N / A |
| DESIGNATION | 1900399 |
| SHEETS | |
| 1 | of 102 |
| CONTRACT | PROJECT |
| R - 41892 | 1900399 |

UTILITIES

ELECTRIC:
DUKE ENERGY
TUCKER SETTLE
100 S. MILL CREEK RD.
NOBLESVILLE, IN. 46062
PH: (317) 605-0693
Email: tucker.settle@duke-energy.com

GAS:
VECTREN (CENTERPOINT ENERGY)
MOSTAFA KHALLAD
PH: (765) 287-2150
Email: mostafa.khallad@centerpointenergy.com

JON EASTHAM
1800 W. 26TH ST.
MUNCIE, IN. 47302
PH: (765) 287-2119
Email: publicproject@centerpointenergy.com

TRAFFIC SIGNALS:
CITY OF BLOOMINGTON
JOE VANDEVENTER
1981 S. HENDERSON ST.
BLOOMINGTON, IN. 47401
PH: (812) 349-3448
Email: vandevj@bloomington.in.gov

SANITARY SEWER, STORM SEWER, WATER:
CITY OF BLOOMINGTON UTILITIES
JAMES HALL
600 E. MILLER DR.
BLOOMINGTON, IN. 47402
PH: (812) 349-3657
24 HR PH: (812) 339-1444
Email: hallj@bloomington.in.gov

COMMUNICATION:
AT&T - DISTRIBUTION
JEREMY MOORE
4517 INDIANA BELL CT.
BLOOMINGTON, IN 47408
PH: (812) 325-5780
Email: jx212v@att.com

COMCAST
SCOTT TEMPLETON
1600 W. FOUNTAIN DR.
BLOOMINGTON, IN. 47404
Email: scott_templeton@comcast.com

CROWN CASTLE
CRAIG BROWN
800 W. OLIVER AVE. STE 1
INDIANAPOLIS, IN 46229
PH: (317) 819-4648
Email: craig.brown@crowncastle.com

COMMUNICATION (CONT.):
EVERSTREAM
BRIAN WOOLUMS
342 MASSACHUSETTS AVE.
INDIANAPOLIS, IN 46204
PH: (317) 519-9903
Email: bwoolums@everstream.net

SMITHVILLE TELE
JOE BRYNIARSKI
1600 W. TEMPERANCE ST.
ELLETTSVILLE, IN 47429
PH: (812) 935-2262
Email: joe.bryniarski@smithville.com

ZAYO FIBER SOLUTIONS
WAYLON HIGGINS
9209 CASTLEGATE DR.
INDIANAPOLIS, IN. 46256
PH: (765) 341-1199
Email: waylon.higgins@zayo.com

INDIANA UNIVERSITY
MARK MENEFEE
820 N. WALNUT GROVE
BLOOMINGTON, IN 47405
Email: mmenefee@indiana.edu

METRONET
LORI KEMPER
3701 COMMUNICATIONS WAY
EVANSVILLE, IN 47715
PH: (812) 213-1050
LORI.KEMPER@METRONET.COM

UNDERGROUND UTILITY LOCATIONS HOTLINE: 1-800-382-5544

GENERAL NOTES

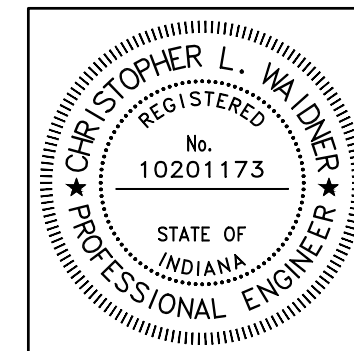
Table with 2 columns: Note ID (**) and Note Text. Contains notes about cut and fill slopes, contraction joints, stop signs, sheet signs, and panel sign legends.

DRAWING INDEX

Table with 2 columns: NUMBER and DESCRIPTION. Lists drawing sheets from 1 to 102, including Title Sheet, Index And General Notes, Typical Sections, Survey Control Sheets, and various utility details.

REVISIONS

Table with 3 columns: SHEET NUMBER, DATE, and REVISION NOTES. Lists 15 revisions made on 12/04/2023, including updates to callouts, labels, and cross sections.



RECOMMENDED FOR APPROVAL [Signature] 12/4/2023
DATE
Christopher Waldner

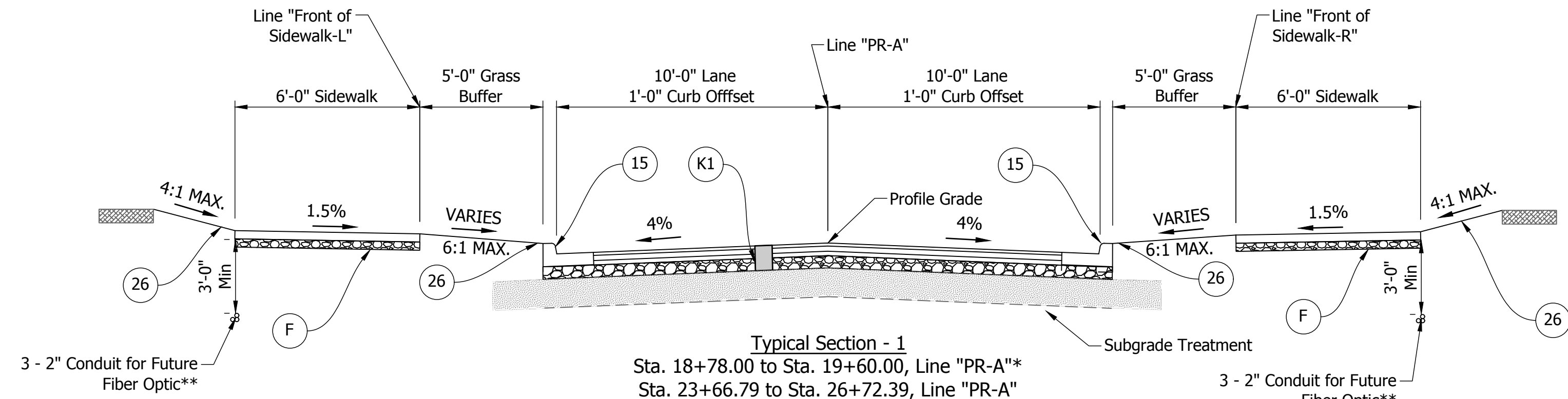
DESIGNED: RJB DRAWN: RJB
CHECKED: JTE CHECKED: JTE

INDIANA DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

Table with 2 columns: SCALE and FILE/DESIGNATION. Shows scales for horizontal and vertical axes, and project details like contract number R-41892 and project name.

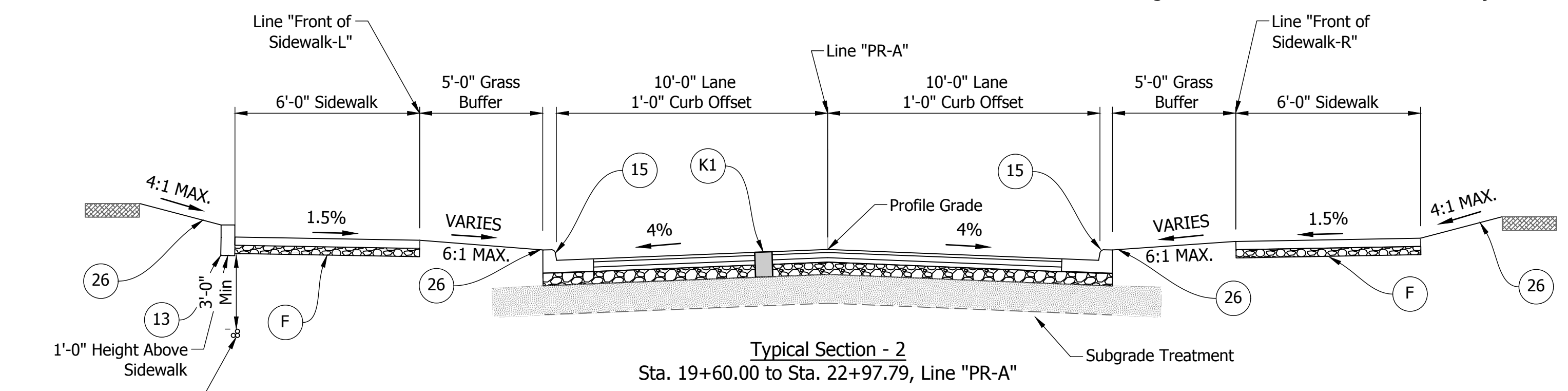
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 DATE: Dec 04, 2023 - 1:16pm



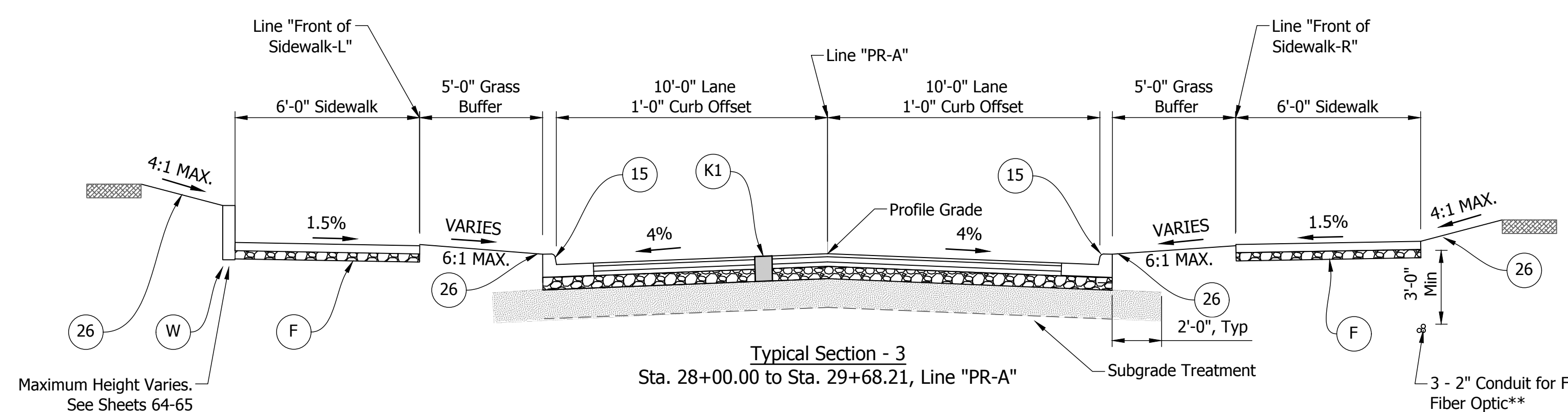
Typical Section - 1
 Sta. 18+78.00 to Sta. 19+60.00, Line "PR-A"*
 Sta. 23+66.79 to Sta. 26+72.39, Line "PR-A"
 Sta. 27+44.39 to Sta. 28+00.00, Line "PR-A"
 Sta. 30+41.66 to Sta. 30+67.44, Line "PR-A"
 Sta. 31+51.59 to Sta. 33+12.84, Line "PR-A"
 Sta. 33+94.84 to Sta. 36+43.10, Line "PR-A"
 Sta. 37+18.97 to Sta. 40+10.00, Line "PR-A"
 Sta. 40+10.00 to Sta. 40+98.36, Line "PR-A"*

*HMA for mainline resurface:
 165#/syd. QC/QA - HMA, 2, 64, Surface, 9.5 mm on
 Milling, Asphalt, 1-1/2 in.
 (Not Shown)

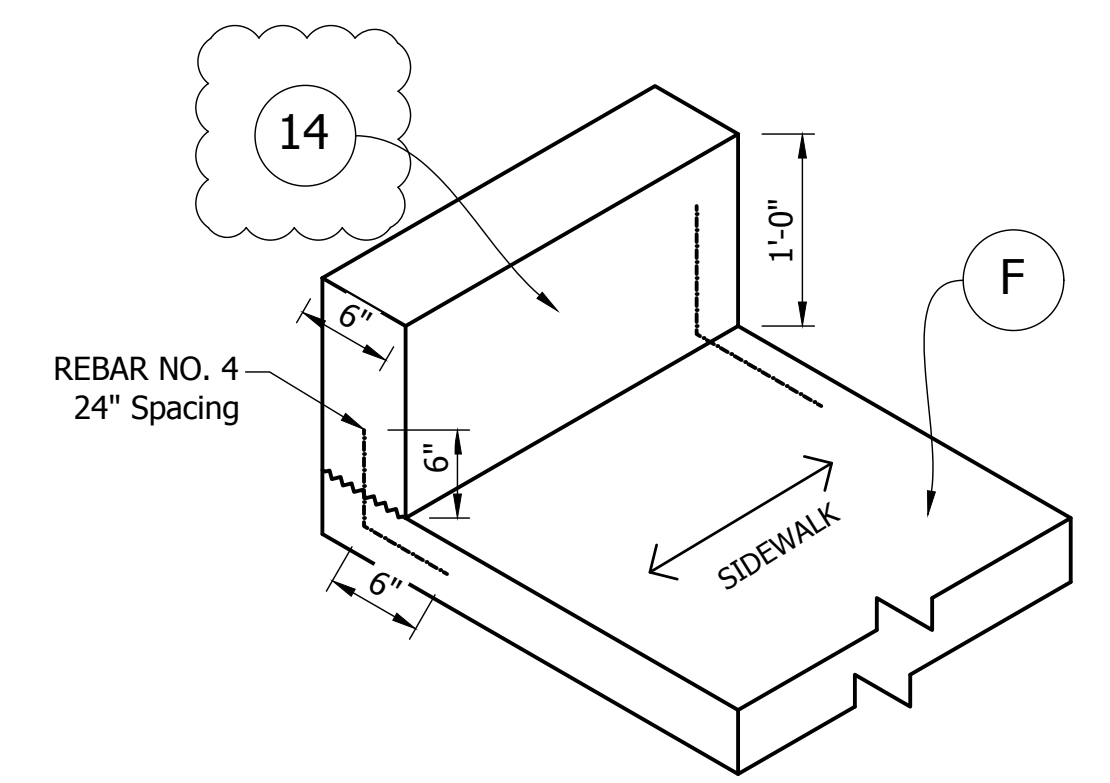
**Conduit for Future Fiber Optic to be Located on
 Right Side from Sta. 26+75 to End of Project



Typical Section - 2
 Sta. 19+60.00 to Sta. 22+97.79, Line "PR-A"



Typical Section - 3
 Sta. 28+00.00 to Sta. 29+68.21, Line "PR-A"



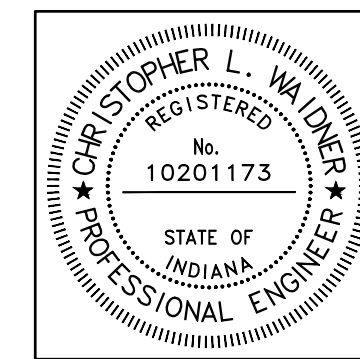
CURB, CONCRETE, MODIFIED
 STA. 19+60 Lt. TO STA. 23+04 Lt.

| DATE: | REVISIONS |
|------------|------------------------------------|
| 12/04/2023 | UPDATE DETAIL AND ADD CURB CALLOUT |

NOTE:
 1. WHEN ROCK IS ENCOUNTERED USE SUBGRADE TREATMENT TYPE II IN LIEU OF TYPE IBL. (APPROX. STA. 23+00 TO STA. 28+00)

LEGEND

- (K1) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
6 in. Compacted Aggregate NO. 53, on
Subgrade Treatment IBL
- (C) PCCP, 9" on Dense Graded Subbase, 6", on
Geogrid Type IB on
Subgrade Treatment, Type IBL
- (K2) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm
- (F) Concrete Sidewalk, 4" on
4 in. Compacted
Aggregate NO. 53
- (W) Retaining Wall - See
Retaining Wall Details
- (R) Curb Ramp
- (13) Curb, Concrete
- (14) Curb, Concrete, Modified
- (15) Curb & Gutter, Concrete,
Modified
- (16) Curb, Island
Concrete
- (26) Sodding

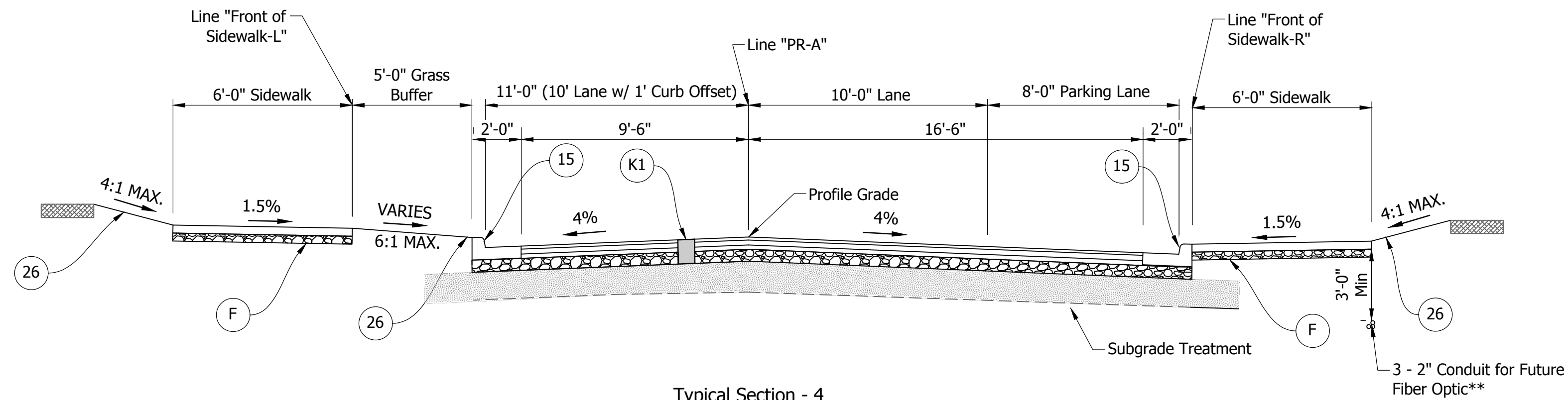


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA
DEPARTMENT OF TRANSPORTATION

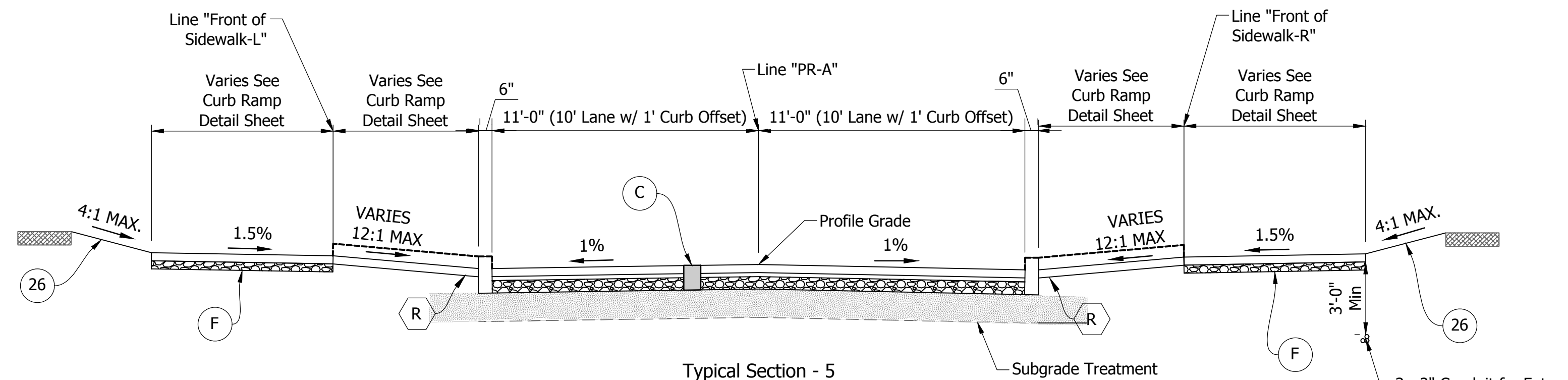
 Typical Sections

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1/4"=1' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 3 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

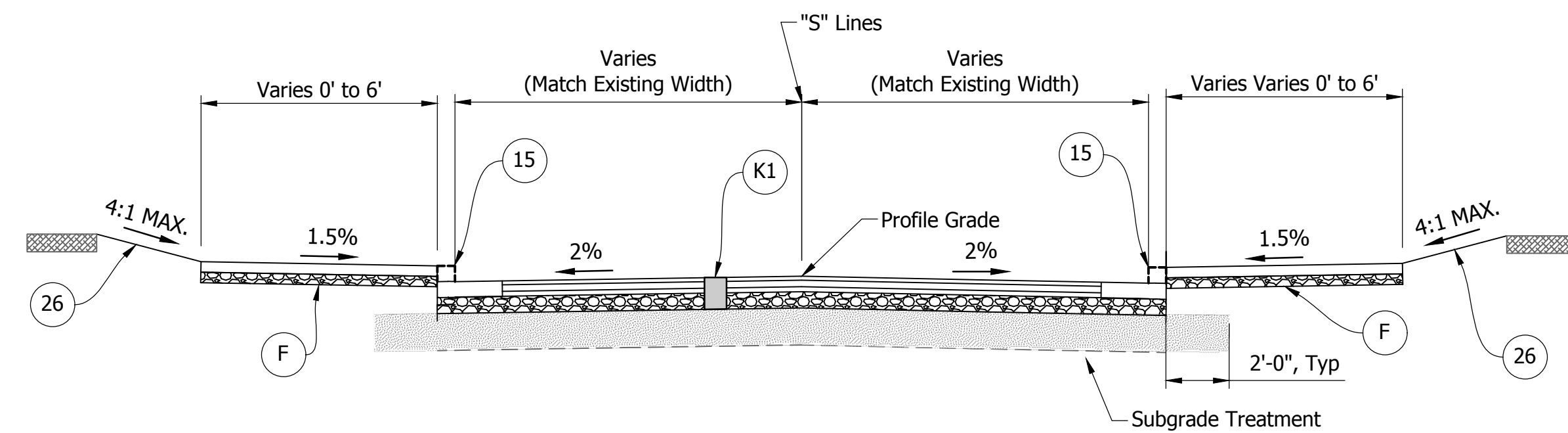


Typical Section - 4
Sta. 30+67.44 to Sta. 31+51.59, Line "PR-A"

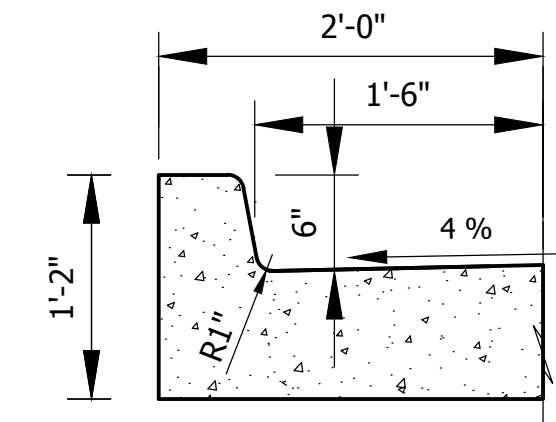
**Conduit for Future Fiber Optic to be Located on Right Side from Sta. 26+75 to End of Project



Typical Section - 5
Sta. 22+97.79 to Sta. 23+66.97, Line "PR-A"
Sta. 26+72.39 to Sta. 27+44.39, Line "PR-A"
Sta. 29+68.21 to Sta. 30+41.66, Line "PR-A"
Sta. 33+12.84 to Sta. 33+94.84, Line "PR-A"
Sta. 36+43.10 to Sta. 37+18.97, Line "PR-A"



Typical Section - 6
Sta. 20+50.00 to Sta. 22+53.50, Line "S-2-A"
Sta. 20+50.00 to Sta. 21+58.00, Line "S-3-A"
Sta. 20+50.00 to Sta. 22+95.00, Line "S-4-A"
Sta. 20+00.00 to Sta. 20+35.42, Line "S-5-A"
Sta. 20+50.00 to Sta. 21+50.00, Line "S-6-A"

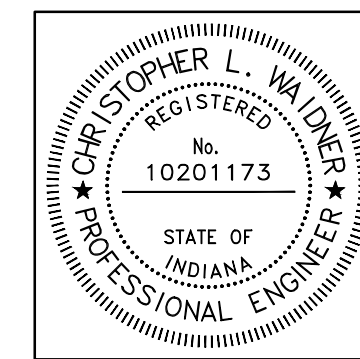


CURB AND GUTTER,
CONCRETE, MODIFIED

NOTE:
1. WHEN ROCK IS ENCOUNTERED USE SUBGRADE TREATMENT TYPE II IN LIEU OF TYPE IBL. (APPROX. STA 23+00 TO STA 28+00)

DIRECTORY: F:\2020\20-4421-Bloomington 1st Street\30 SheetDrawings\01 Title Index Typ Sections\
 FILE: 4421 typ section.dwg
 DIMSCALE: 0 LTSCALE: 1
 PLOTTED BY: S.Fleming
 DATE: Sep 15, 2023 4:13pm

| | | | | |
|--|---|---|--|---------------------------------|
| LEGEND | K1 HMA for Mainline 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on 275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on 440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on 6 in. Compacted Aggregate NO. 53, on Subgrade Treatment IBL | C PCCP, 9" on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment, Type IBL | F Concrete Sidewalk, 4" on 4 in, Compacted Aggregate NO. 53 | 16 Curb, Island Concrete |
| K2 HMA for Mainline 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm | W Retaining Wall - See Retaining Wall Details | R Curb Ramp | 13 Curb, Concrete, Modified | |
| | | | 15 Curb & Gutter, Concrete, Modified | |
| | | | 26 Sodding | |

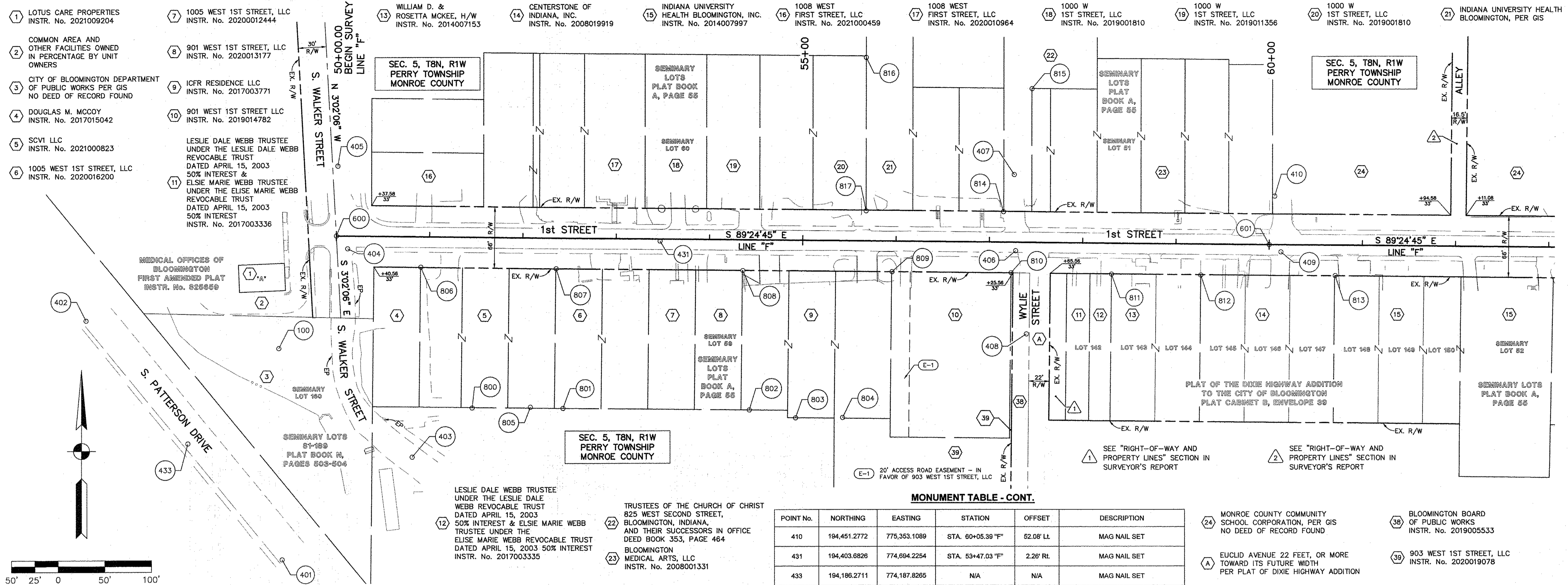


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 9/15/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA
DEPARTMENT OF TRANSPORTATION

Typical Sections

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1/4"=1' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 4 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



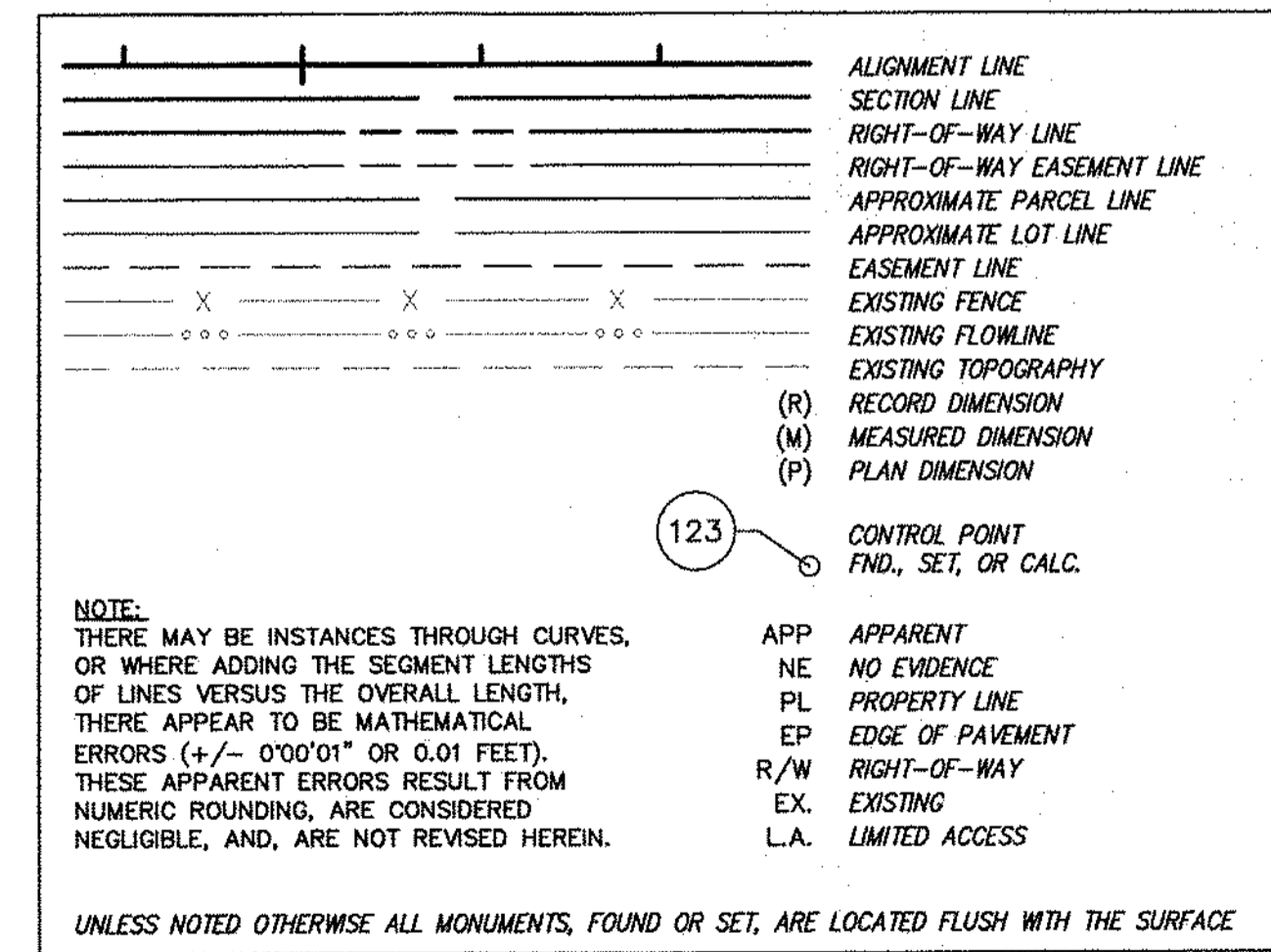
SCALE 1"=50'

NOTE: ALL EXISTING R/W ON THIS SHEET IS DESCRIBED FROM LINE "F" EXCEPT AS SHOWN.

"I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT I HAVE TAKEN REASONABLE CARE TO REDACT EACH SOCIAL SECURITY NUMBER IN THIS DOCUMENT, UNLESS REQUIRED BY LAW."

NAME: Andrew B. McClelland 02/02/2022
ANDREW B. McCLELLAND, P.S.

LEGEND



ALIGNMENT TABLE

| POINT No. | NORTHING | EASTING | MONUMENT TYPE | DESCRIPTION |
|-----------|--------------|--------------|---------------|--|
| 600 | 194,409.5032 | 774,347.2385 | MAG NAIL SET | P.O.T. STA. 50+00.00 "F" = C/L OF S. WALKER STREET |
| 601 | 194,399.2509 | 775,347.1859 | MAG NAIL SET | P.O.T. STA. 60+00.00 "F" |

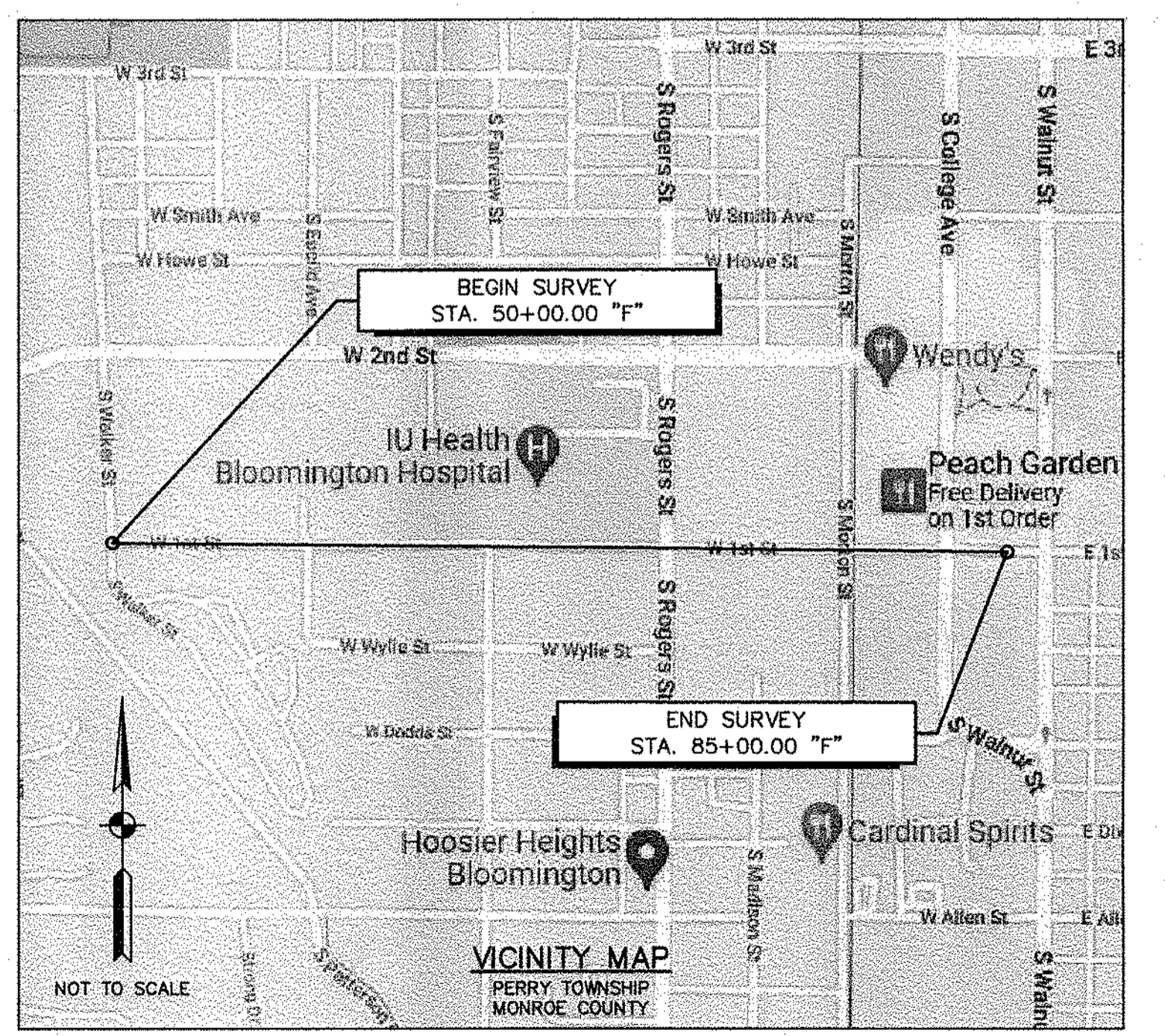
MONUMENT TABLE

| POINT No. | NORTHING | EASTING | STATION | OFFSET | DESCRIPTION |
|-----------|--------------|--------------|-------------------|------------|---|
| 100 | 194,288.5660 | 774,285.4666 | N/A | N/A | REBAR W/ PINK "VSEP" CAP SET (SURVEY CONTROL POINT) |
| 401 | 194,061.4390 | 774,288.9556 | N/A | N/A | MAG NAIL SET |
| 402 | 194,318.4381 | 774,078.6631 | N/A | N/A | MAG NAIL SET |
| 403 | 194,171.5055 | 774,428.4150 | STA. 50+83.61 "F" | 237.15' RL | MAG NAIL SET |
| 404 | 194,395.7661 | 774,359.3379 | STA. 50+12.24 "F" | 13.61' RL | MAG NAIL SET |
| 405 | 194,484.5823 | 774,348.8713 | STA. 50+00.86 "F" | 75.09' LL | MAG NAIL SET |
| 406 | 194,392.8762 | 775,075.2700 | STA. 57+28.16 "F" | 9.16' RL | MAG NAIL SET |
| 407 | 194,474.6928 | 775,073.8620 | STA. 57+25.92 "F" | 72.64' LL | MAG NAIL SET |
| 408 | 194,303.3288 | 775,086.7000 | STA. 57+40.51 "F" | 98.59' RL | MAG NAIL SET |
| 409 | 194,391.4032 | 775,359.7563 | STA. 60+12.65 "F" | 7.72' RL | MAG NAIL SET |

MONUMENT TABLE - CONT.

| POINT No. | NORTHING | EASTING | STATION | OFFSET | DESCRIPTION |
|-----------|--------------|--------------|-------------------|------------|--|
| 410 | 194,451.2772 | 775,353.1089 | STA. 60+05.39 "F" | 52.08' LL | MAG NAIL SET |
| 431 | 194,403.6826 | 774,694.2254 | STA. 53+47.03 "F" | 2.26' RL | MAG NAIL SET |
| 433 | 194,186.2711 | 774,187.8265 | N/A | N/A | MAG NAIL SET |
| 800 | 194,224.4373 | 774,492.6808 | STA. 51+47.33 "F" | 183.57' RL | 1" IRON PIPE FND. (1.5' ABOVE GRADE) |
| 801 | 194,224.0764 | 774,590.0429 | STA. 52+44.69 "F" | 182.93' RL | REBAR FND. (0.5' ABOVE GRADE) |
| 802 | 194,221.9371 | 774,789.7903 | STA. 54+44.45 "F" | 183.02' RL | 3/4" IRON PIPE FND. (0.5' ABOVE GRADE) |
| 803 | 194,213.3037 | 774,839.3865 | STA. 54+94.13 "F" | 191.14' RL | 1/2" IRON PIPE FND. (0.5' ABOVE GRADE LEANING) |
| 804 | 194,213.5905 | 774,889.8231 | STA. 55+44.56 "F" | 190.34' RL | CPTIFF *.75IN PINCHPIPE |
| 805 | 194,225.2858 | 774,555.1348 | STA. 52+09.77 "F" | 182.08' RL | 1/2" IRON PIPE FND. (0.7' ABOVE GRADE LEANING) |
| 806 | 194,375.8438 | 774,437.7582 | STA. 50+80.86 "F" | 32.73' RL | REBAR W/ "CURRY 890006" CAP FND. |
| 807 | 194,374.2305 | 774,582.7608 | STA. 52+35.87 "F" | 32.86' RL | REBAR W/ "CURRY 890006" CAP FND. |
| 808 | 194,371.8474 | 774,782.9416 | STA. 54+36.07 "F" | 33.19' RL | REBAR FND. (BENT) |
| 809 | 194,370.4352 | 774,942.8574 | STA. 55+95.99 "F" | 32.96' RL | REBAR FND. |
| 810 | 194,369.1260 | 775,070.4251 | STA. 57+23.56 "F" | 32.96' RL | 3/4" IRON PIPE FND. |
| 811 | 194,367.6974 | 775,177.9998 | STA. 58+31.15 "F" | 33.29' RL | 3/4" IRON PIPE FND. |
| 812 | 194,366.6177 | 775,273.7522 | STA. 59+26.90 "F" | 33.38' RL | 3/4" IRON PIPE FND. (0.5' ABOVE GRADE) |
| 813 | 194,365.7036 | 775,417.9523 | STA. 60+71.11 "F" | 32.82' RL | REBAR W/ "BYNUM-FANYO 890006" CAP FND. |
| 814 | 194,434.7520 | 775,062.2905 | STA. 57+14.76 "F" | 32.58' LL | MAG NAIL FND. |
| 815 | 194,566.6024 | 775,092.9119 | STA. 57+44.02 "F" | 164.74' LL | REBAR W/ "BYNUM-FANYO LS29500014" CAP FND. |
| 816 | 194,600.0665 | 774,915.4002 | STA. 55+66.18 "F" | 196.38' LL | 3/4" IRON PIPE FND. (PINCHPIPE) |
| 817 | 194,435.8411 | 774,915.1284 | STA. 55+67.59 "F" | 32.16' LL | REBAR W/ "BLEDSOE TAPP PC50920004" CAP FND. |

- 24 MONROE COUNTY COMMUNITY SCHOOL CORPORATION, PER GIS NO DEED OF RECORD FOUND
- 38 BLOOMINGTON BOARD OF PUBLIC WORKS INSTR. No. 2019005533
- A EUCLID AVENUE 22 FEET, OR MORE TOWARD ITS FUTURE WIDTH PER PLAT OF DIXIE HIGHWAY ADDITION
- 39 903 WEST 1ST STREET, LLC INSTR. No. 2020019078



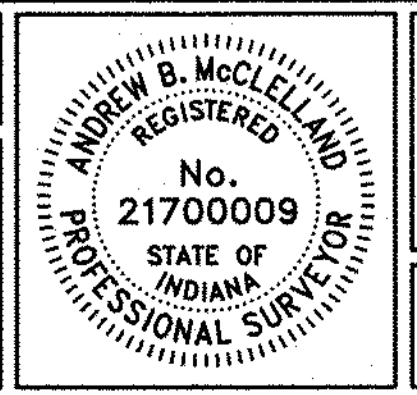
| | |
|-------------------|------|
| SURVEY STARTED | |
| 11/30/2020 | |
| SURVEY COMPLETED | |
| 10/15/2021 | |
| ROUTE PLAT SHEETS | |
| 1 | of 3 |

PREPARED BY: ANDREW B. McCLELLAND, P.S.

VS ENGINEERING, INC.
4275 N. HIGH SCHOOL RD. INDIANAPOLIS, INDIANA 46254
TEL. (317) 293-3542 FAX: (317) 293-4737

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 1-12-28 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.



RECOMMENDED FOR APPROVAL: Andrew B. McClelland 02/02/2022
REGISTERED LAND SURVEYOR, FIELD

DRAWN: RJS CHECKED: ABM

CITY OF BLOOMINGTON

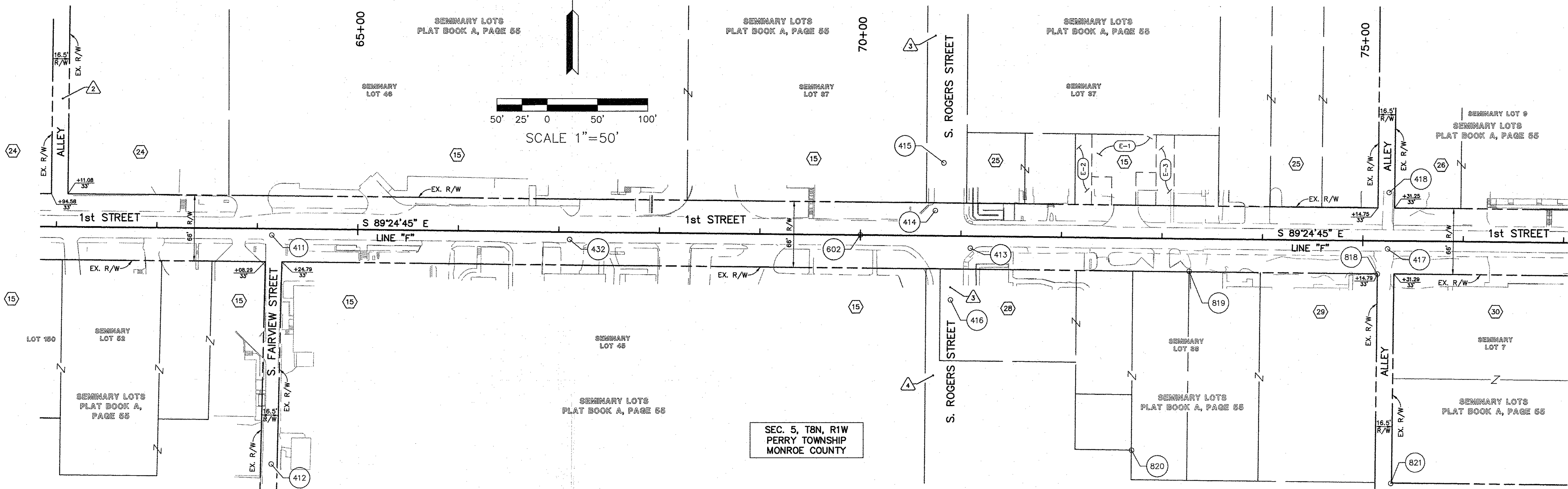
SURVEY CONTROL

| | |
|------------------|-------------|
| HORIZONTAL SCALE | DESIGNATION |
| 1" = 50' | |
| VERTICAL SCALE | |
| N/A | |
| SURVEY BOOK | SHEETS |
| | 5 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\Projects\2020\4471 Bloomington 1st Street\02 Survey\Survey\Drawings\CSBP1
 FILENAME: 4471 LOTS - S11.dwg
 PLOTSCALE: 1"=50'
 DATE: 02/02/2022 11:27am

SEC. 5, T8N, R1W
PERRY TOWNSHIP
MONROE COUNTY

SEC. 5, T8N, R1W
PERRY TOWNSHIP
MONROE COUNTY



NOTE:
ALL EXISTING R/W ON THIS SHEET IS DESCRIBED FROM LINE "F" EXCEPT AS SHOWN.

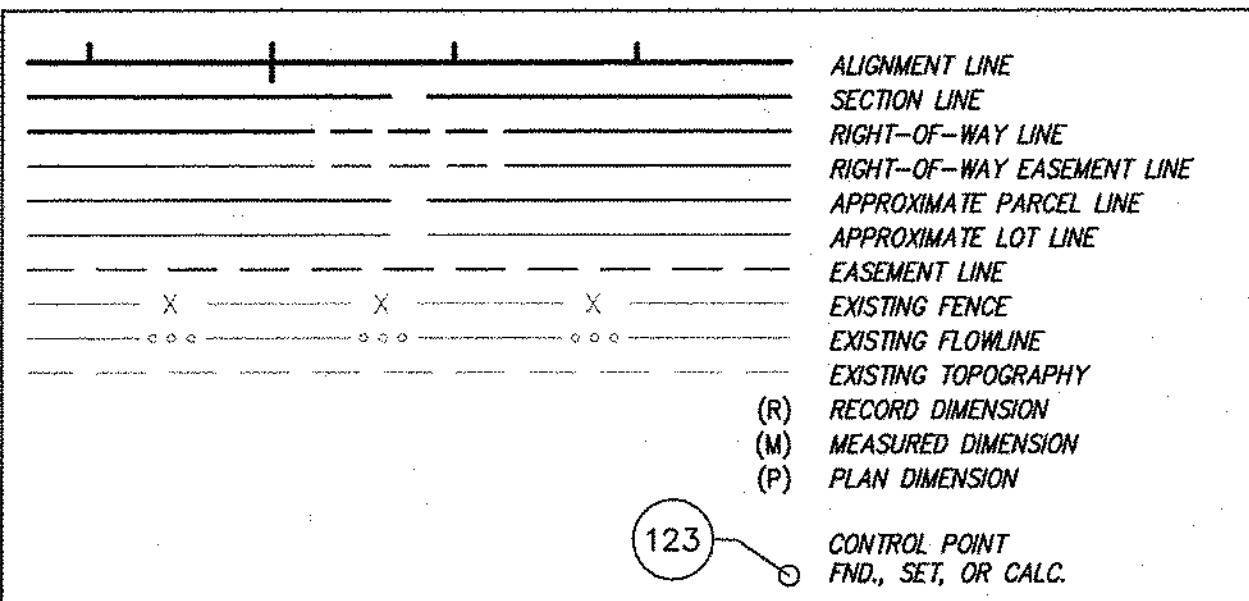
2 SEE "RIGHT-OF-WAY AND PROPERTY LINES" SECTION IN SURVEYOR'S REPORT

3 SEE "RIGHT-OF-WAY AND PROPERTY LINES" SECTION IN SURVEYOR'S REPORT

4 SEE "RIGHT-OF-WAY AND PROPERTY LINES" SECTION IN SURVEYOR'S REPORT

- (E-1) INGRESS/EGRESS/PARKING EASEMENT - PER DEED
- (E-2) 16.44' SANITARY SEWER EASEMENT - PER DEED
- (E-3) 18' UTILITY EASEMENT - PER DEED

LEGEND



NOTE:
THERE MAY BE INSTANCES THROUGH CURVES, OR WHERE ADDING THE SEGMENT LENGTHS OF LINES VERSUS THE OVERALL LENGTH, THERE APPEAR TO BE MATHEMATICAL ERRORS (+/- 0.00'01" OR 0.01 FEET). THESE APPARENT ERRORS RESULT FROM NUMERIC ROUNDING, ARE CONSIDERED NEGLIGIBLE, AND, ARE NOT REVISED HEREIN.

UNLESS NOTED OTHERWISE ALL MONUMENTS, FOUND OR SET, ARE LOCATED FLUSH WITH THE SURFACE

APP APPARENT
NE NO EVIDENCE
PL PROPERTY LINE
EP EDGE OF PAVEMENT
R/W RIGHT-OF-WAY
EX. EXISTING
L.A. LIMITED ACCESS

15 INDIANA UNIVERSITY HEALTH BLOOMINGTON, INC. INSTR. No. 2014007997

24 MONROE COUNTY COMMUNITY SCHOOL CORPORATION, PER GIS NO DEED OF RECORD FOUND

25 CENTERSTONE OF INDIANA, INC. INSTR. No. 2008019919

26 SAINT REAL ESTATE, LLC INSTR. No. 2021011242

28 409 WEST 1ST STREET, LLC INSTR. No. 2021005021

29 SF CANADIAN LLC INSTR. No. 2013014815

30 TJ MORTON, LLC INSTR. No. 2019002001

ALIGNMENT TABLE

| POINT No. | NORTHING | EASTING | MONUMENT TYPE | DESCRIPTION |
|-----------|--------------|--------------|---------------|--------------------------|
| 602 | 194,388.9986 | 776,347.1333 | MAG NAIL SET | P.O.T. STA. 70+00.00 "F" |

MONUMENT TABLE

| POINT No. | NORTHING | EASTING | STATION | OFFSET | DESCRIPTION |
|-----------|--------------|--------------|-------------------|-------------|--------------|
| 411 | 194,388.5046 | 775,761.5868 | STA. 64+14.49 "F" | 6.50' Rt. | MAG NAIL SET |
| 412 | 194,160.1293 | 775,761.3956 | STA. 64+16.84 "F" | 234.86' Rt. | MAG NAIL SET |
| 413 | 194,375.8759 | 776,456.4119 | STA. 71+09.41 "F" | 12.00' Rt. | MAG NAIL SET |
| 414 | 194,413.4196 | 776,421.6263 | STA. 70+74.24 "F" | 25.18' Lt. | MAG NAIL SET |
| 415 | 194,461.0947 | 776,430.1043 | STA. 70+82.23 "F" | 72.94' Lt. | MAG NAIL SET |
| 416 | 194,324.3374 | 776,436.7734 | STA. 70+90.30 "F" | 63.74' Rt. | MAG NAIL SET |

MONUMENT TABLE - CONT.

| POINT No. | NORTHING | EASTING | STATION | OFFSET | DESCRIPTION |
|-----------|--------------|--------------|-------------------|-------------|--|
| 417 | 194,375.5242 | 776,871.6683 | STA. 75+24.64 "F" | 8.10' Rt. | MAG NAIL SET |
| 418 | 194,431.9937 | 776,873.1665 | STA. 75+25.56 "F" | 48.39' Lt. | MAG NAIL SET |
| 432 | 194,384.4276 | 776,057.8680 | STA. 67+10.79 "F" | 7.54' Rt. | MAG NAIL SET |
| 818 | 194,350.4288 | 776,861.5575 | STA. 75+14.79 "F" | 33.29' Rt. | RAILROAD SPIKE FND. |
| 819 | 194,353.1202 | 776,674.2475 | STA. 73+27.46 "F" | 32.52' Rt. | 1/2" IRON PIPE FND. (0.15' BELOW GRADE) |
| 820 | 194,174.5155 | 776,617.3021 | STA. 72+72.35 "F" | 211.70' Rt. | REBAR W/ "SNA INC LS0427" CAP FND. |
| 821 | 194,141.7341 | 776,875.2925 | STA. 75+30.67 "F" | 241.84' Rt. | REBAR W/ ILLEGIBLE CAP FND. (0.1' ABOVE GRADE) |

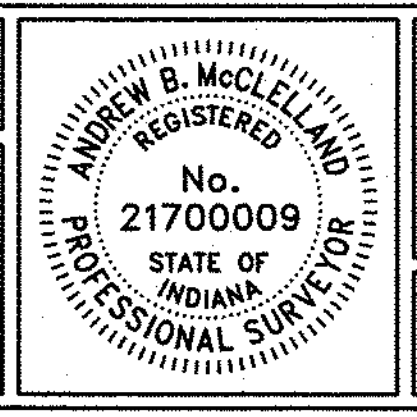
DIRECTOR: J. V. ...
 PROJECT: ...
 DATE: ...

| | | |
|-------------------|--|------------|
| SURVEY STARTED | | 11/30/2020 |
| SURVEY COMPLETED | | 10/15/2021 |
| ROUTE PLAT SHEETS | | 2 of 3 |

VS ENGINEERING, INC.
 4275 N. HIGH SCHOOL RD. INDIANAPOLIS, INDIANA 46254
 TEL. (317) 293-3542 FAX: (317) 293-4737

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 1-12-26 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.



RECOMMENDED FOR APPROVAL
Andrew B. McClelland 02/02/2022
 REGISTERED LAND SURVEYOR, FIELD

DRAWN: RJS CHECKED: ABM

CITY OF BLOOMINGTON

SURVEY CONTROL

| | |
|------------------|-------------|
| HORIZONTAL SCALE | DESIGNATION |
| 1" = 50' | |
| VERTICAL SCALE | |
| N/A | |
| SURVEY BOOK | SHEETS |
| | 6 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

SEC. 5, T8N, R1W
PERRY TOWNSHIP
MONROE COUNTY

SEE "RIGHT-OF-WAY AND
PROPERTY LINES" SECTION IN
SURVEYOR'S REPORT

E-4 VARIABLE WIDTH
DRAINAGE EASEMENT
INSTR. NO. 813960

SEC. 4, T8N, R1W
PERRY TOWNSHIP
MONROE COUNTY

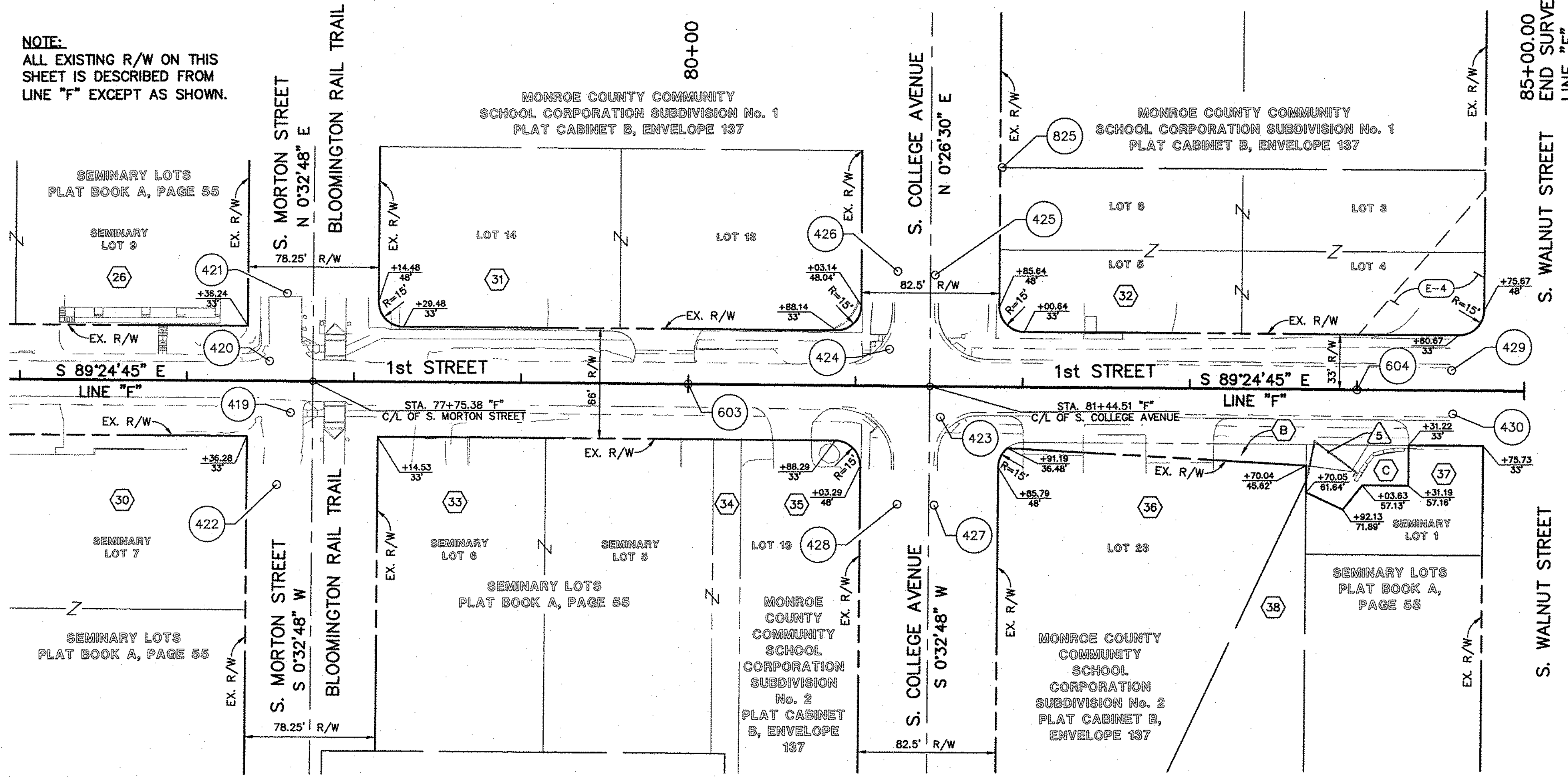
SURVEYOR'S REPORT

**ROUTE SURVEY OF 1ST STREET FROM WALKER STREET
EAST TO WALNUT STREET**

SURVEYOR'S REPORT CONT.

Right-of-way and Property Lines Cont.

NOTE:
ALL EXISTING R/W ON THIS
SHEET IS DESCRIBED FROM
LINE "F" EXCEPT AS SHOWN.



General

This survey was prepared for the City of Bloomington to establish the centerline alignment of 1st Street. Parcel lines and corners shown herein have been placed per observed physical evidence and/or record documents acquired from Monroe County government agencies and are not to be construed as defining actual property lines and corners as in a retracement or original survey. Topographic information was gathered for use in the improvement of 1st Street. The alignment was established for use in the design and in establishing any existing and/or proposed right-of-way lines.
— All monument reference ties are shown on the Route Survey Plat.
— This project is located in Sections 4 & 5, Township 8 North, Range 1 West in Perry Township, Monroe County, Indiana.

Horizontal Datum

The horizontal datum for this project is the Monroe County Zone of the Indiana Geospatial Coordinate System (inGCS), NAD83(2011). Coordinates were established on primary control points (100 & 400 series) using a Topcon GNSS system and the inCORS Real-Time Network. Coordinates on secondary control points or monuments were established using a total station or GPS locations. All coordinates and distances are grid values and units are US Survey Feet, unless otherwise noted.

Vertical Datum

The vertical datum for this project is the North American Vertical Datum of 1988 (NAVD88). National Geodetic Survey (NGS) Benchmark BLOOMINGTON (Elev. = 760.11) was found in good condition at the east entrance to City Hall (northwest quadrant of Walnut Street and Fourth Street). All level circuits were performed to at least third order accuracy with an allowable error of $\pm 12 \text{ mm } \sqrt{K}$; where K is the length of the circuit in kilometers. Temporary benchmarks were set along the route for easy retrieval during construction.

Alignments

Line "F" was created (and arbitrarily stationed) and runs down the centerline of Seminary Lots Subdivision (Plat Book A, Page 55) (and subsequent subdivisions that were re-plats of the Seminary Lots). Eleven (11) monuments (Point Nos 806 - 814, 818 & 819) were utilized throughout the project to create a best fit line and establish the centerline of the aforementioned subdivision. Most monuments were between 0.2 - 0.4 foot from the best fit line; a few were below 0.1 foot.

Right-of-way and Property Lines

Platted right-of-way exists throughout a majority of the project with the exceptions listed and explained below. The project site is contained within Seminary Lots Subdivision (Plat Book A, Page 55) and other subdivisions that subsequently re-platted portions of the Seminary Subdivision.

- Triangle 1 - Three (3) monuments (Point Nos 811 - 813) were found and agree within 0.2 - 0.25 foot of the platted distances on the Plat of the Dixie Highway Addition to the City of Bloomington (Plat Cabinet B, Envelope 39). Said monuments were held for the location of said plat. This creates a 17.7 foot gap between Wylie Street (Euclid Avenue on the plat) and Lot No. 142, as Lot No. 142 is supposedly 48 feet per plat with the west line being the east line of Wylie Street (Euclid Avenue). Where the subdivision is placed now, those lines do not coincide with each other. Property monuments and a right-of-way dedication for the west side of Wylie Street (Euclid Avenue) agree with how these lots have been placed. See the Occupation/Possession section of this report for more information.
- Triangle 2 - No vacation document was found for the alley running north/south that splits the Monroe County Community School Corporation property. No deed of record was found for this property either. The Monroe County GIS depicts the alley as still existing, however, it runs through the very west end of the current structure on the property.
- Triangle 3 - No documentation was found that opened Rogers Street north of 1st Street. Both deeds call to the respective lines of Rogers Street and based off of the distances between the two 40 feet was observed as the gap between these properties. This agrees with what is on the Plat of the Dixie Highway Addition to the City of Bloomington (Plat Cabinet B, Envelope 39) as further south it shows Rogers Street as platted with a 40 foot width. This encompasses all but half of the sidewalk along the east side of Rogers Street. The plat of Seminary Lots does not depict a street running north or south in this location.

Uncertainties

The following opinions regarding the uncertainty in the location of the points found or set and the lines established by this survey are offered:

Relative Positional Accuracy

The relative positional accuracy of points found, set, or calculated this survey due to random errors in measurement is ± 0.07 feet plus 50 parts per million which does not exceed 0.50 feet.

Record Monuments

None noted

Occupation/Possession

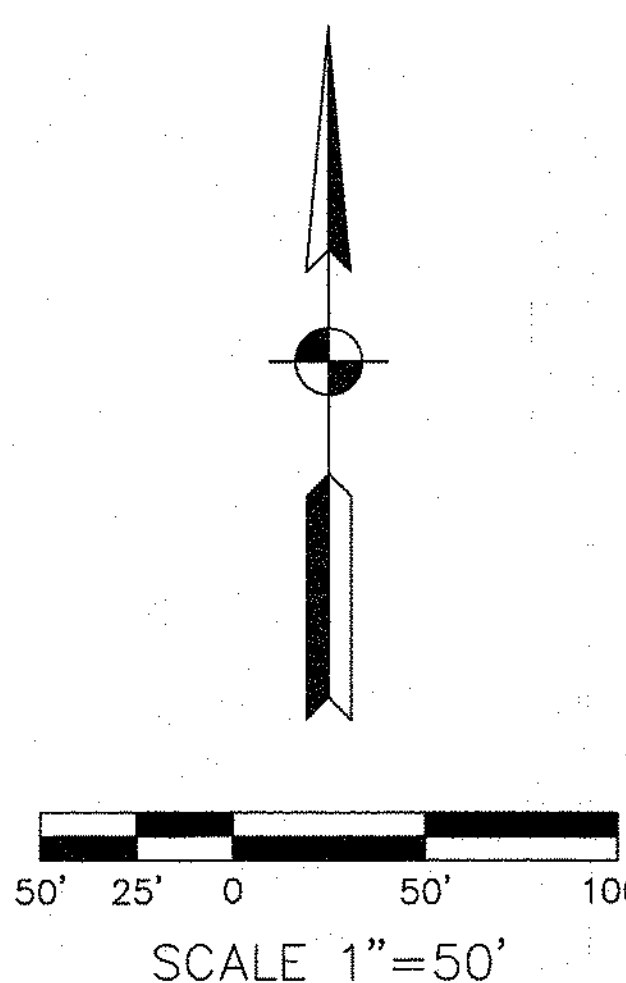
There is a concrete pad on the 17.7 foot gap between Euclid Avenue (now Wylie Street) and Lot No. 42. It would seem as the pad serves as a parking area off the street for the two houses on Lot No. 142 as evidenced in Google Street view with multiple cars parked on the concrete pad.

ALIGNMENT TABLE

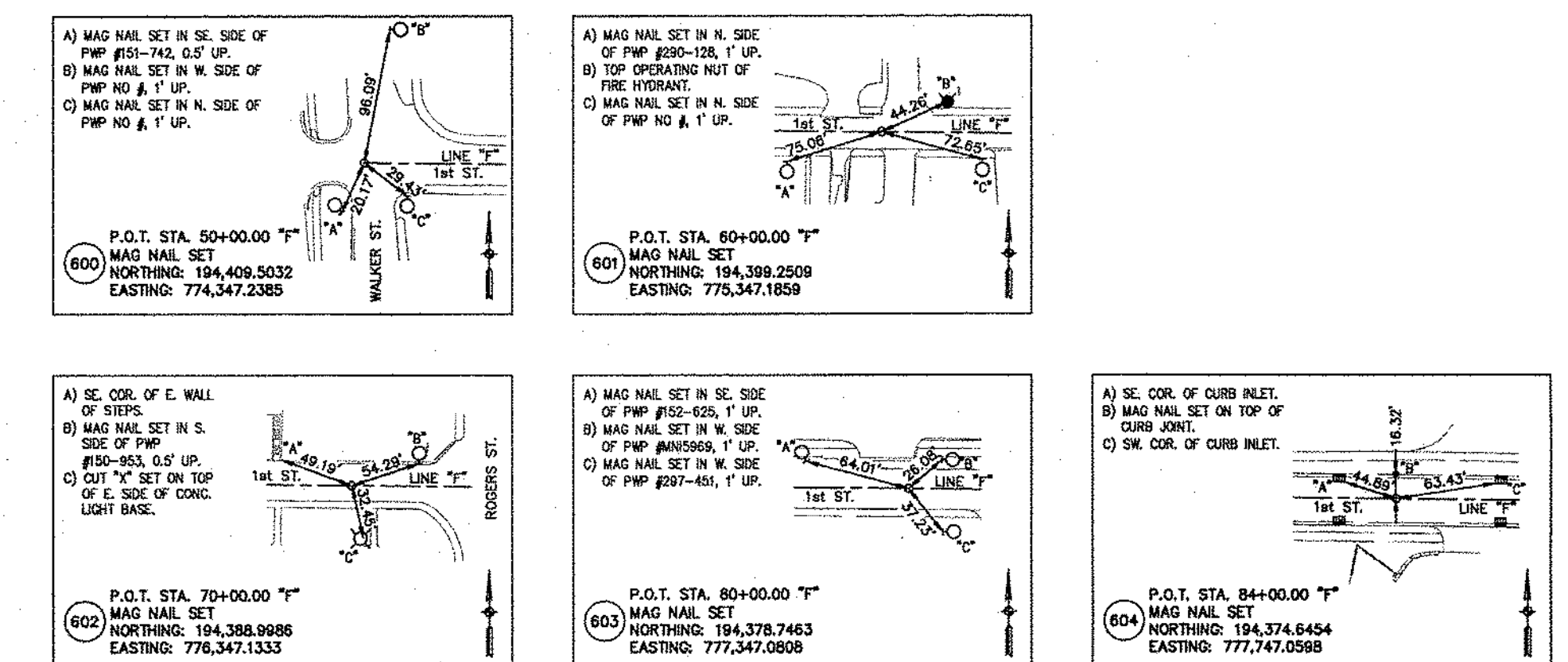
| POINT No. | NORTHING | EASTING | MONUMENT TYPE | DESCRIPTION |
|-----------|--------------|--------------|---------------|--------------------------|
| 603 | 194,378.7463 | 777,347.0808 | MAG NAIL SET | P.O.T. STA. 80+00.00 "F" |
| 604 | 194,374.6454 | 777,747.0598 | MAG NAIL SET | P.O.T. STA. 84+00.00 "F" |

MONUMENT TABLE

| POINT No. | NORTHING | EASTING | STATION | OFFSET | DESCRIPTION |
|-----------|--------------|--------------|-------------------|-------------|----------------------------------|
| 419 | 194,362.3907 | 777,108.9919 | STA. 77+62.09 "F" | 18.80' Rt. | MAG NAIL SET |
| 420 | 194,393.2339 | 777,096.6295 | STA. 77+49.41 "F" | 11.92' Lt. | MAG NAIL SET |
| 421 | 194,433.8834 | 777,107.3184 | STA. 77+59.68 "F" | 52.68' Lt. | MAG NAIL SET |
| 422 | 194,319.2692 | 777,100.7812 | STA. 77+54.32 "F" | 62.00' Rt. | MAG NAIL SET |
| 423 | 194,358.9028 | 777,497.8217 | STA. 81+50.94 "F" | 18.30' Rt. | MAG NAIL SET |
| 424 | 194,398.4211 | 777,467.4705 | STA. 81+20.17 "F" | 21.91' Lt. | MAG NAIL SET |
| 425 | 194,444.0167 | 777,494.8157 | STA. 81+47.06 "F" | 66.78' Lt. | MAG NAIL SET |
| 426 | 194,446.2823 | 777,472.5020 | STA. 81+24.72 "F" | 68.82' Lt. | MAG NAIL SET |
| 427 | 194,306.1938 | 777,493.9496 | STA. 81+47.60 "F" | 71.04' Rt. | MAG NAIL SET |
| 428 | 194,306.7088 | 777,471.8707 | STA. 81+25.52 "F" | 70.75' Rt. | MAG NAIL SET |
| 429 | 194,386.0036 | 777,803.7255 | STA. 84+56.55 "F" | 11.94' Lt. | MAG NAIL SET |
| 430 | 194,359.9505 | 777,804.2921 | STA. 84+57.38 "F" | 14.11' Rt. | MAG NAIL SET |
| 825 | 194,508.6280 | 777,534.9816 | STA. 81+86.56 "F" | 131.70' Lt. | REBAR FND. (0.2' BELOW GRADE) |



ALIGNMENT REFERENCES



SEC. 5, T8N, R1W
PERRY TOWNSHIP
MONROE COUNTY

SEC. 4, T8N, R1W
PERRY TOWNSHIP
MONROE COUNTY

B BOARD OF COMMISSIONERS OF
MONROE COUNTY
INSTR. No. 1999015763

C BOARD OF COMMISSIONERS OF
MONROE COUNTY
INSTR. No. 2006009809

26 SAINT REAL ESTATE, LLC
INSTR. No. 2021011242

30 TJ MORTON, LLC
INSTR. No. 2019002001

31 SEMINARY SQUARE LLC
DEED BOOK 446, PAGE 347

32 FALCON PROPERTIES, LLC
INSTR. No. 2022000289

33 BROWNFIELDS IV LLC
INSTR. No. 2011016177

34 ALLEY VACATION
INSTR. No. 107698

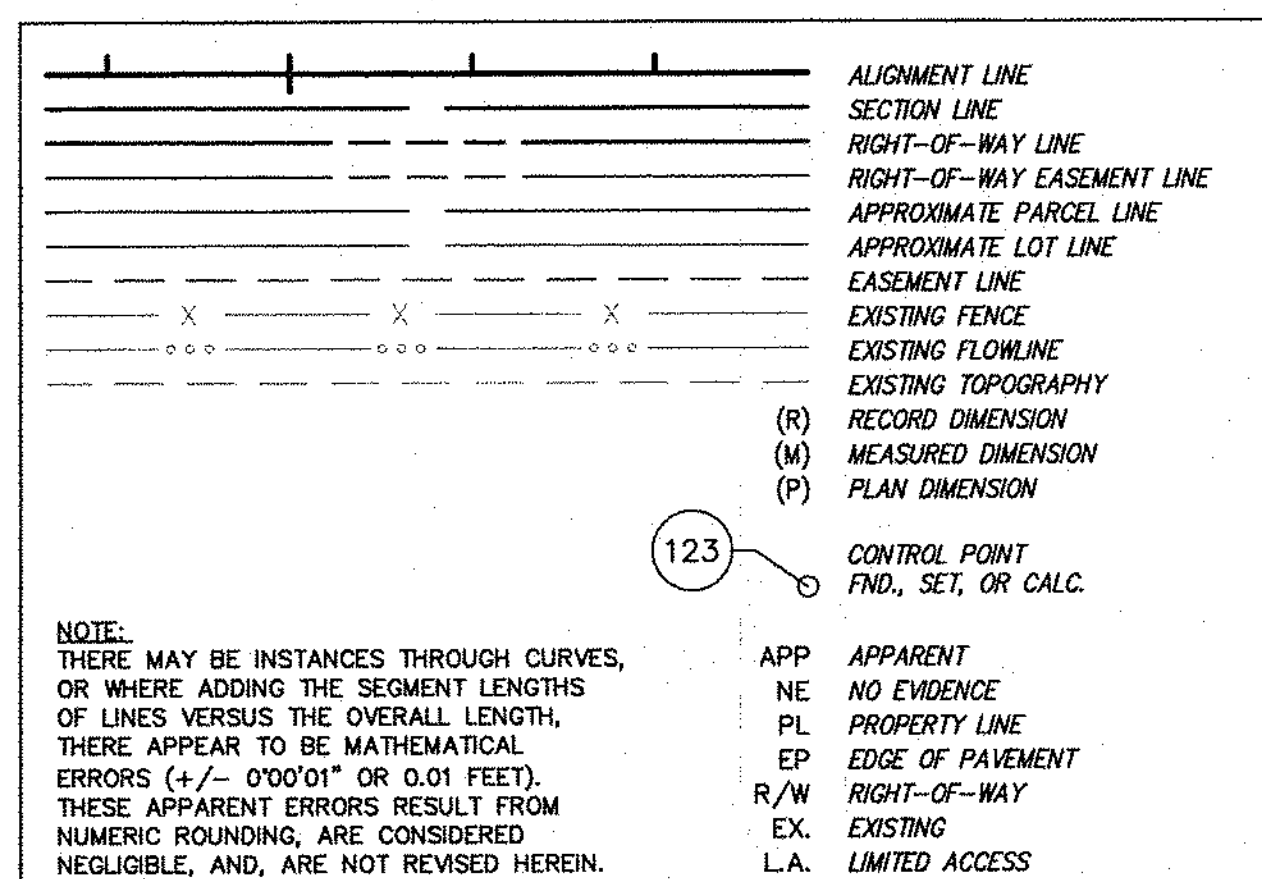
35 SOUTH COLLEGE
INVESTMENTS, LLC
INSTR. No. 2017003843

36 BLAND PROPERTIES, LLC
INSTR. No. 2020004578

37 FIRST AND WALNUT, LLC
INSTR. No. 2020007888

38 MONROE COUNTY COMMUNITY
SCHOOL CORPORATION - PER GIS
NO DEED OF RECORD FOUND

LEGEND



NOTE:
THERE MAY BE INSTANCES THROUGH CURVES,
OR WHERE ADDING THE SEGMENT LENGTHS
OF LINES VERSUS THE OVERALL LENGTH,
THERE APPEAR TO BE MATHEMATICAL
ERRORS (+/- 0'00"01" OR 0.01 FEET).
THESE APPARENT ERRORS RESULT FROM
NUMERIC ROUNDING, ARE CONSIDERED
NEGLECTABLE, AND, ARE NOT REVISED HEREIN.

APP APPARENT
NE NO EVIDENCE
PL PROPERTY LINE
EP EDGE OF PAVEMENT
R/W RIGHT-OF-WAY
EX EXISTING
L.A. LIMITED ACCESS

UNLESS NOTED OTHERWISE ALL MONUMENTS, FOUND OR SET, ARE LOCATED FLUSH WITH THE SURFACE

| | |
|-------------------|------|
| SURVEY STARTED | |
| 11/30/2020 | |
| SURVEY COMPLETED | |
| 10/15/2021 | |
| ROUTE PLAT SHEETS | |
| 3 | of 3 |

VS ENGINEERING, INC.
4275 N. HIGH SCHOOL RD. INDIANAPOLIS, INDIANA 46254
TEL. (317) 293-3542 FAX: (317) 293-4737

FIELD SURVEYOR STATEMENT
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 1-12-26 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

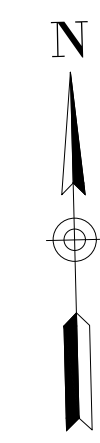
ANDREW B. MCCLELLAND
No. 21700009
STATE OF INDIANA
REGISTERED LAND SURVEYOR

RECOMMENDED FOR APPROVAL
C. B. McClelland 02/10/2022
REGISTERED LAND SURVEYOR, FIELD
DRAWN: RJS CHECKED: ABM

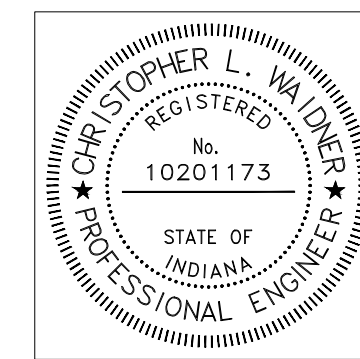
CITY OF BLOOMINGTON
SURVEY CONTROL

| | |
|------------------|-------------|
| HORIZONTAL SCALE | DESIGNATION |
| 1" = 50' | |
| VERTICAL SCALE | |
| N/A | |
| SURVEY BOOK | SHEETS |
| | 7 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTOR: J. J. ...
 DIMENSION: ...
 DATE: ...



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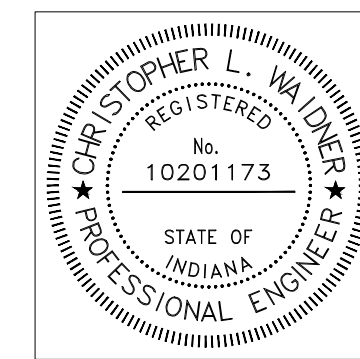
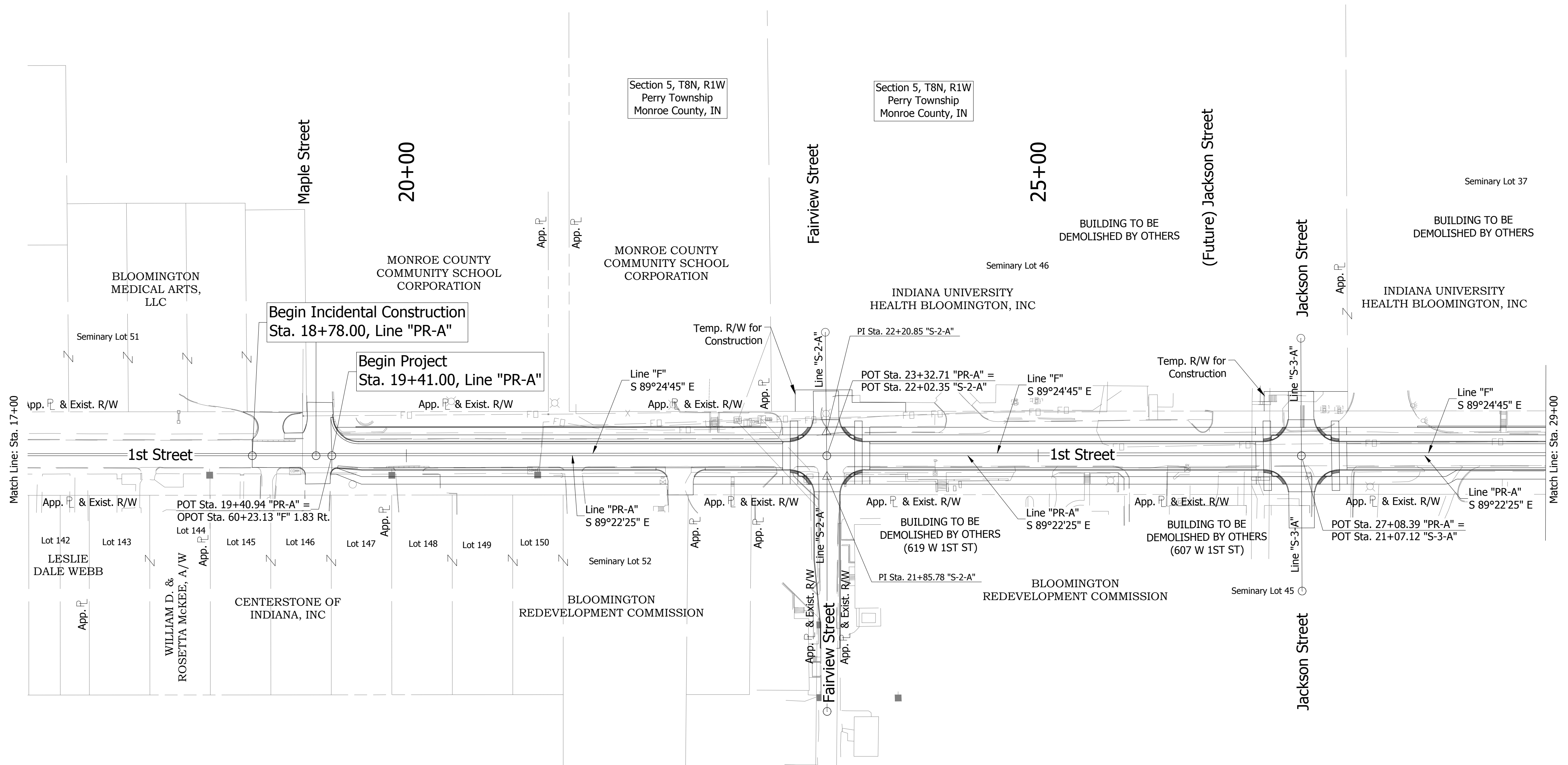
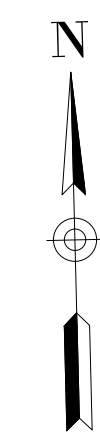


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 9/15/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB | |
| CHECKED: JTE | CHECKED: JTE | |

INDIANA
 DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
1ST STREET, LINE "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 50' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 8 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

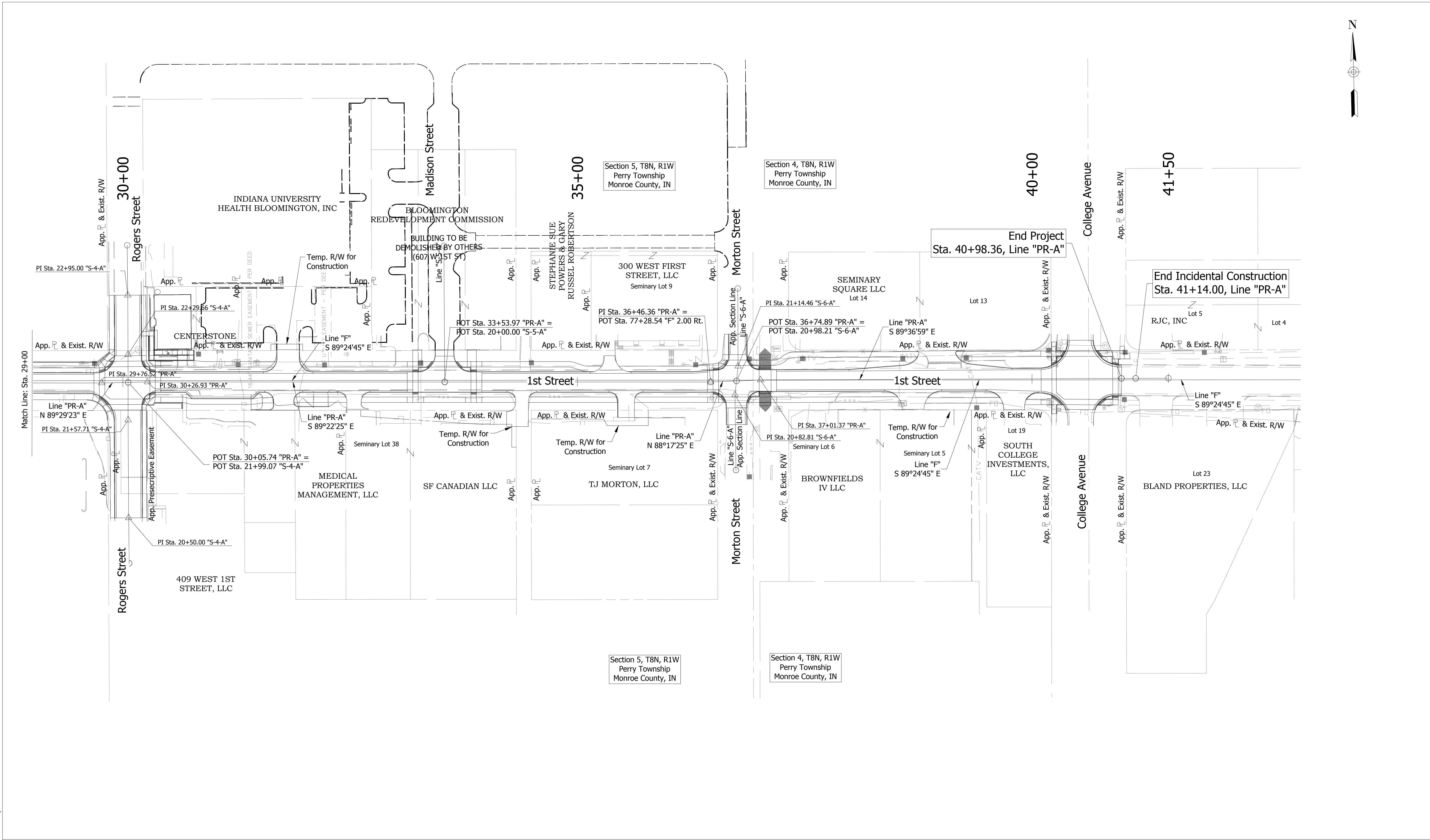
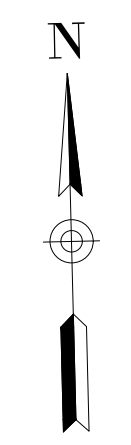


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 9/15/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB | |
| CHECKED: JTE | CHECKED: JTE | |

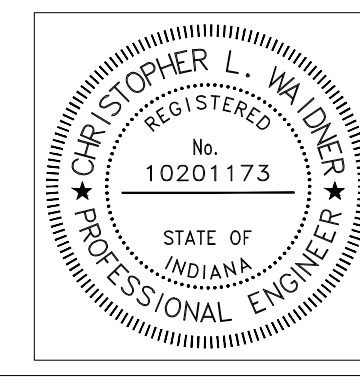
INDIANA
 DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
1ST STREET, LINE "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 50' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 9 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



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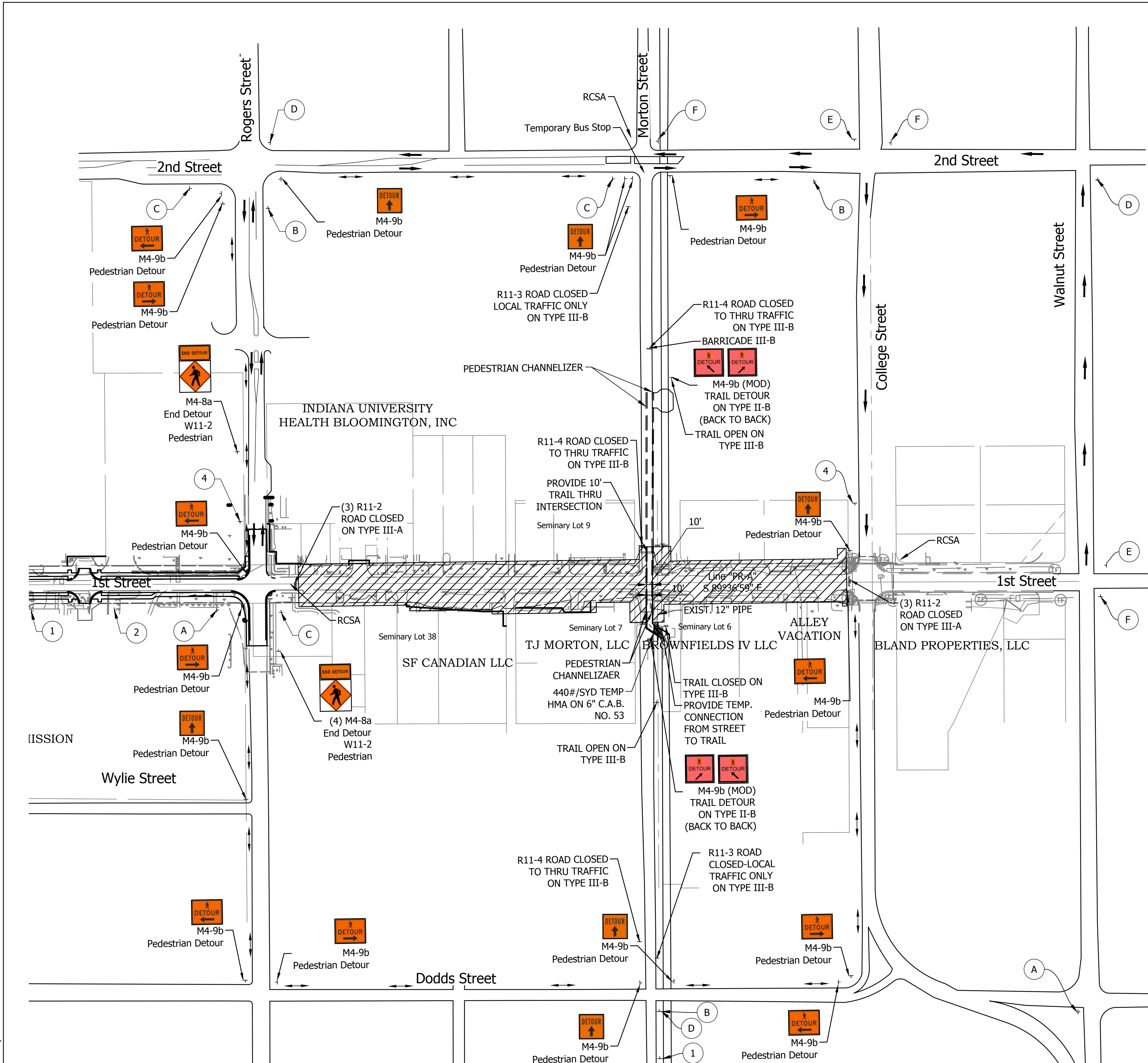
| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waidner</i> | 9/15/2023 |
| | Christopher Waidner | DATE |
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| CHECKED: JTE | CHECKED: JTE | |

INDIANA
 DEPARTMENT OF TRANSPORTATION

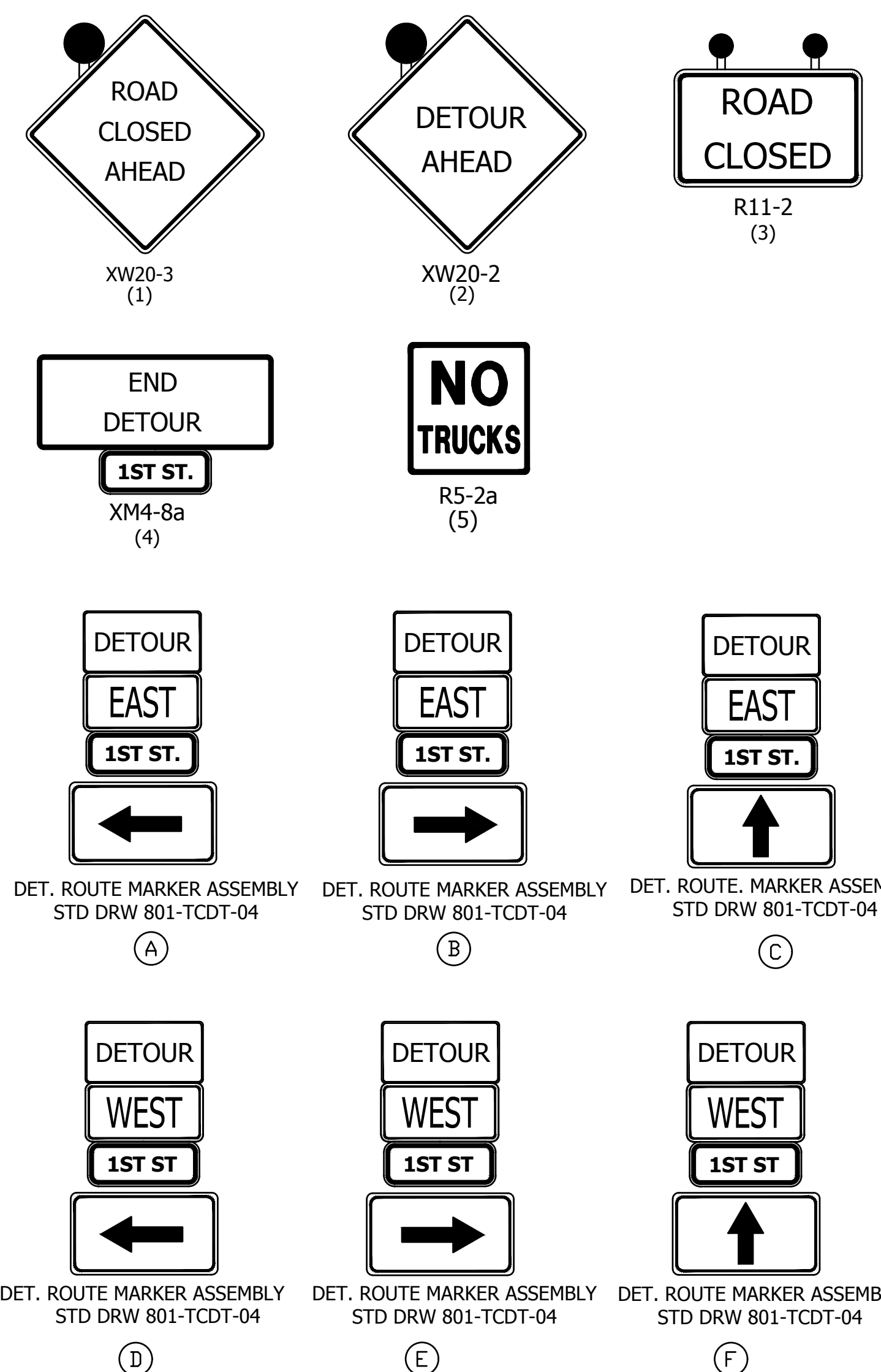
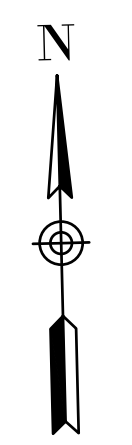
PLAT NO. 1
1ST STREET, LINE "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 50' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 10 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

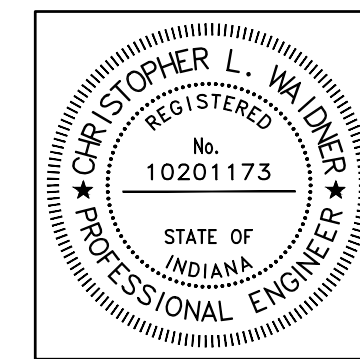
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 PLOTTED BY: ABuzza
 DATE: Jun 14, 2023 - 6:04pm



- NOTES:**
1. FLAGGERS AND SHOULDER WORK SHALL BE USED FOR MAINTENANCE OF TRAFFIC. SEE INDOT STANDARD DRAWINGS E801-TCFO-01 AND E801-TCFO-02.
 2. MAINTENANCE OF TRAFFIC PLAN MAY ONLY BE ALTERED UPON WRITTEN APPROVAL BY ENGINEER.
 3. ALL TEMPORARY SIGNAGE SHALL BE LOCATED OUTSIDE OF ADJACENT ADA ACCESSIBLE PEDESTRIAN ROUTES WHEN PRESENT.
 4. IF SANDBAGS ARE USED TO ANCHOR TEMPORARY SIGNAGE, CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL BAGS ARE IN GOOD CONITION SUCH THAT BREACHES DUE TO DETERIORATED BAGS ARE AVOIDED.
 5. CONTRACTOR SHALL INSPECT TEMPORARY SIGNAGE FOR ACCESSIBLE PEDESTRIAN ROUTE VIOLATIONS, BREACHED SANDBAGS AND SIGNAGE KNOCKDOWNS A MINIMUM OF TWICE DAILY. ANY IDENTIFIED ISSUES SHALL BE ADDRESSED THE SAME DAY THAT THEY ARE IDENTIFIED.
 6. THE B-LINE TRAIL SHALL REMAIN OPEN AT ALL TIMES. THE TRAIL SHALL BE CLOSED SOUTH OF THE EXISTING BUS STOP, MID BLOCK BETWEEN 1ST STREET AND 2ND STREET, DURING CONSTRUCTION OF THE 1ST STREET AND MORTON STREET INTERSECTION. TRAIL TRAFFIC SHALL BE DETOURED ONTO MORTON AS SHOWN IN THE DETAILS. TEMPORARY TRAIL WILL CONTINUE THROUGH THE INTERSECTION AND THEN DETOURED BACK ONTO THE TRAIL, IMMEDIATELY SOUTH OF THE INTERSECTION OF 1ST STREET AND MORTON STREET AS SHOWN IN THE DETAILS. ACCESS TO ALL PROPERTIES ON MORTON STREET SHALL BE MAINTAINED AT ALL TIMES.



- LEGEND:**
- Pedestrian Detour
 - Vehicle Detour
 - Detour Sign
 - Pedestrian Channelizer
 - RCSA - Road Closure Sign Assembly

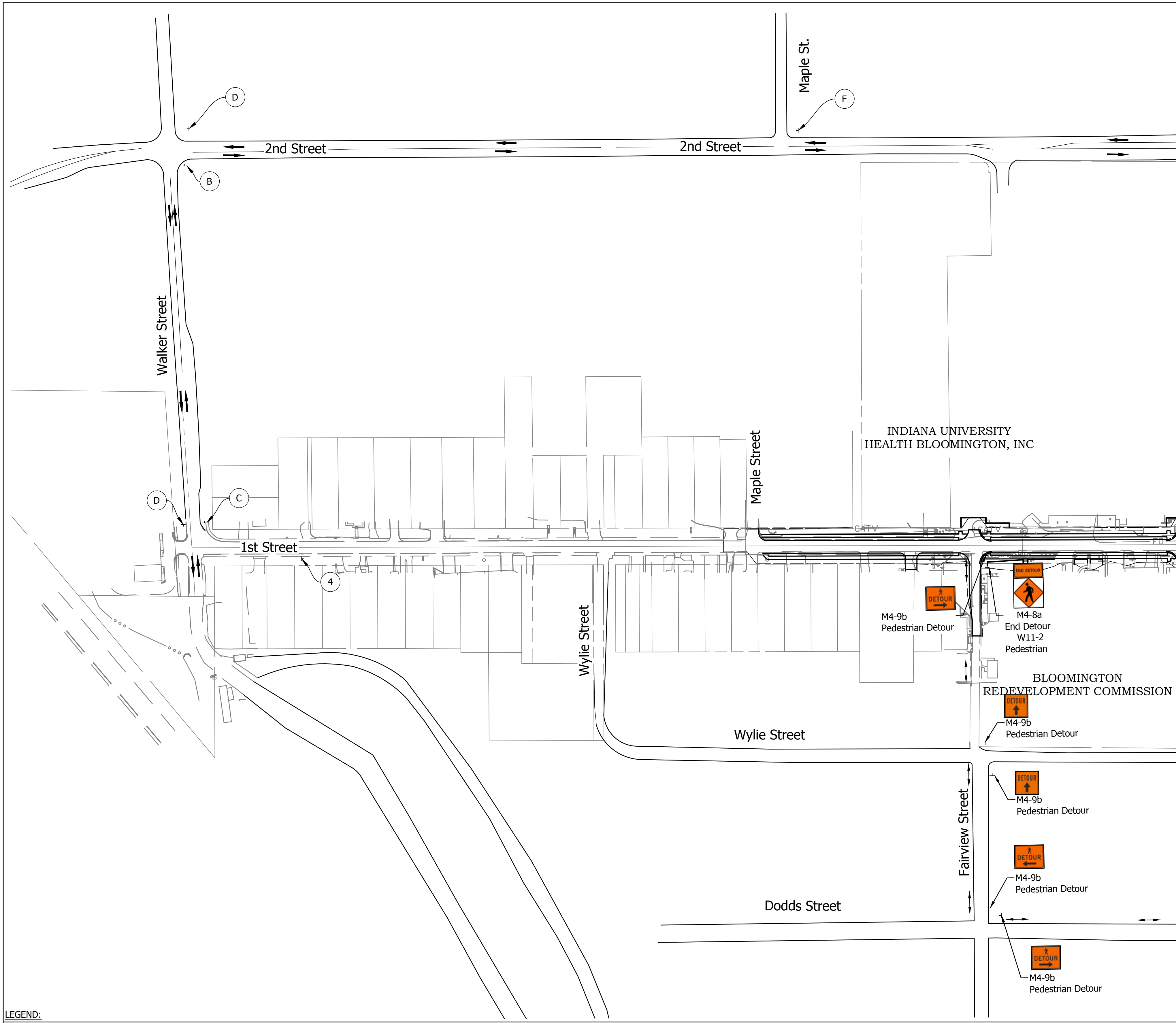


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| RECOMMENDED FOR APPROVAL | | 6/14/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

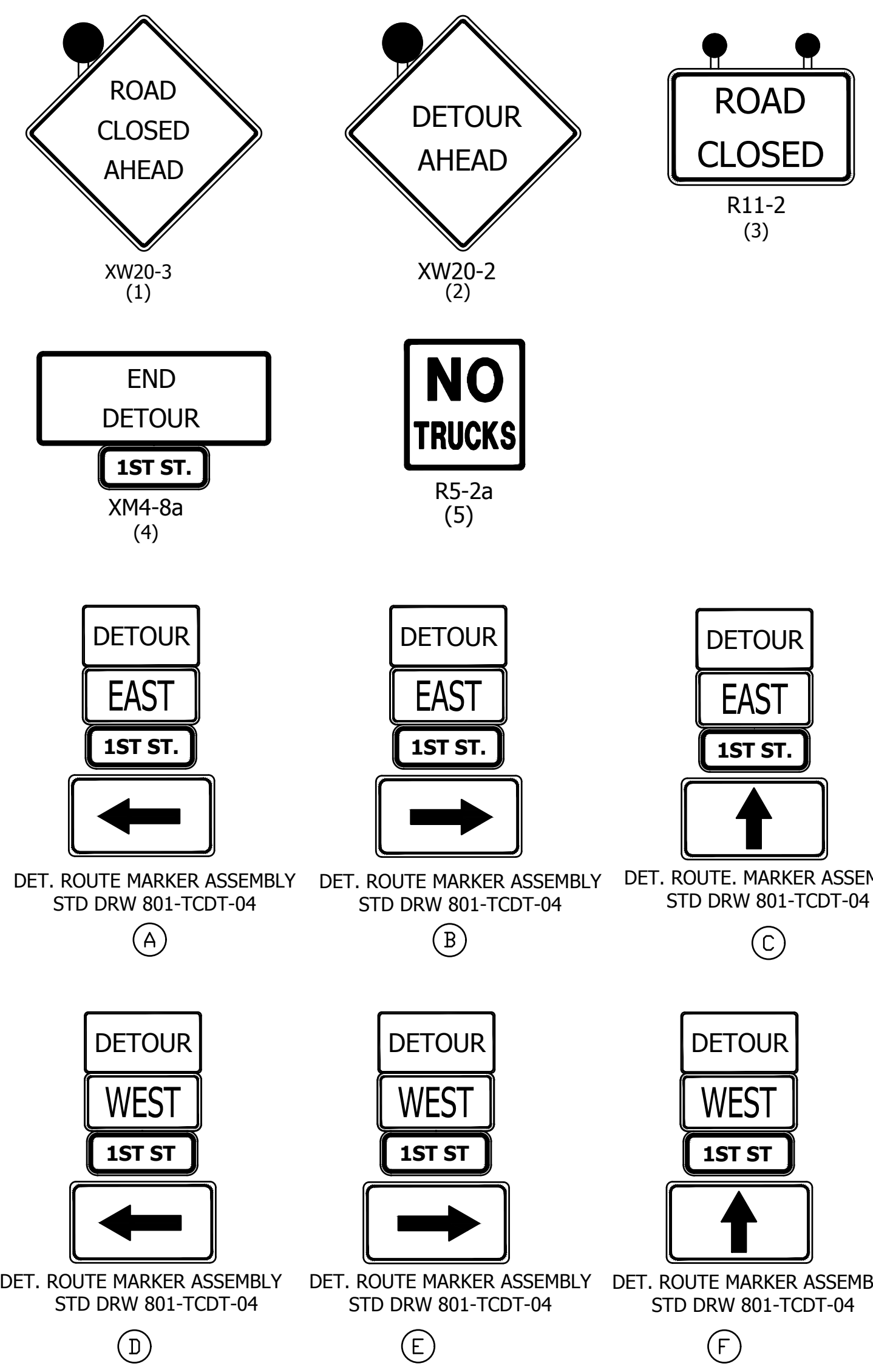
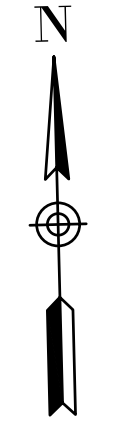
INDIANA DEPARTMENT OF TRANSPORTATION
 Maintenance of Traffic Phase I

| | |
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| VERTICAL SCALE | DESIGNATION |
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| SURVEY BOOK | SHEETS |
| N/A | 11 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

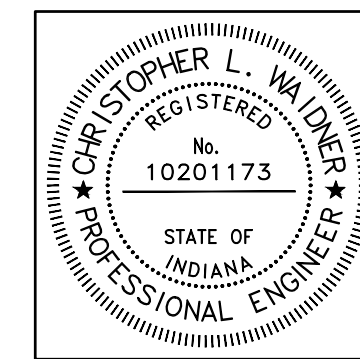
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 LTSCALE: 1/8" = 1'
 PLOTTED BY: amroccka
 DATE: Jun 14, 2023 - 10:16am



- NOTES:**
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- LEGEND:**
- Pedestrian Detour
 - Vehicle Detour
 - ⊕ Detour Sign

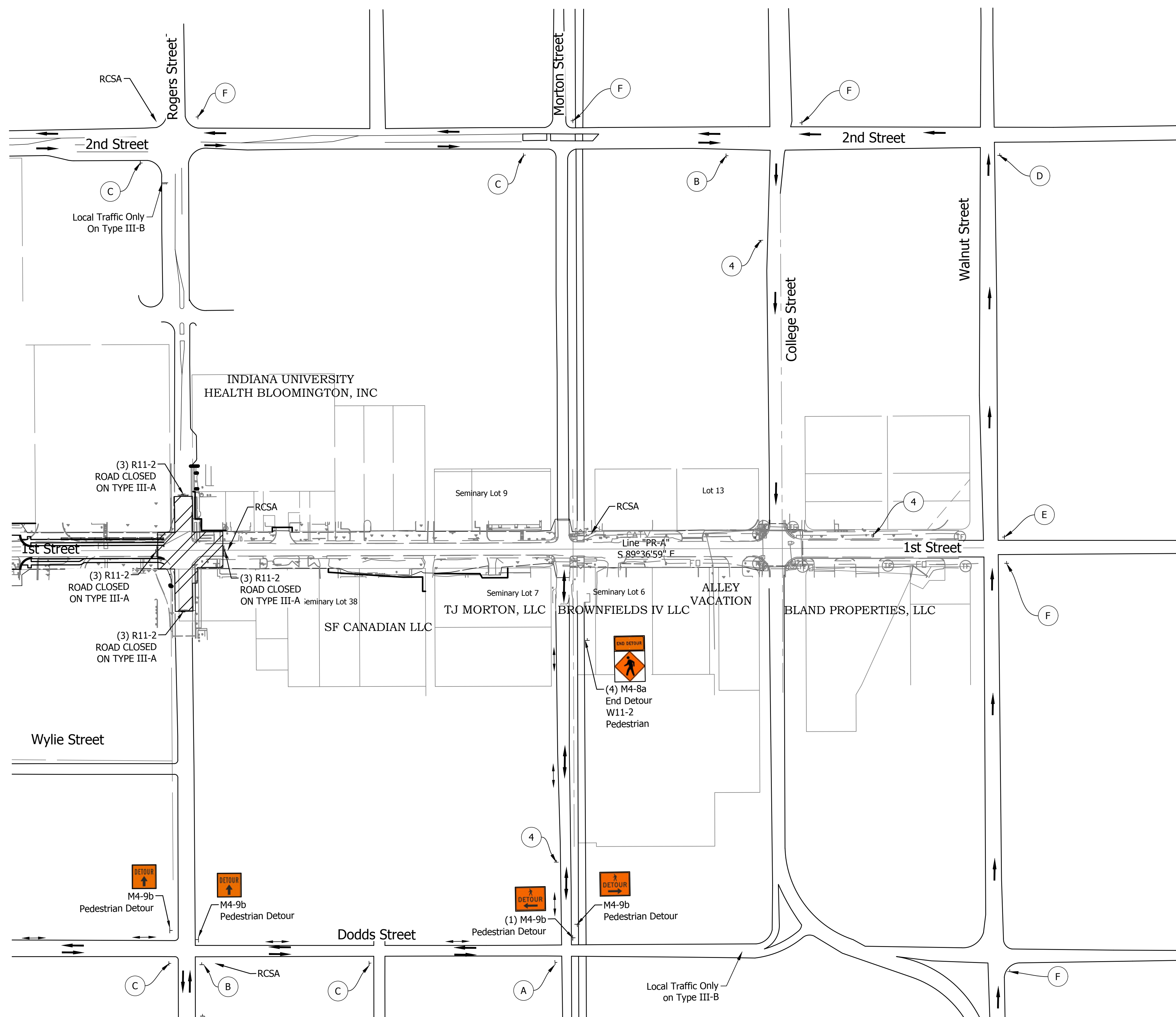


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| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB | |
| CHECKED: JTE | CHECKED: JTE | |

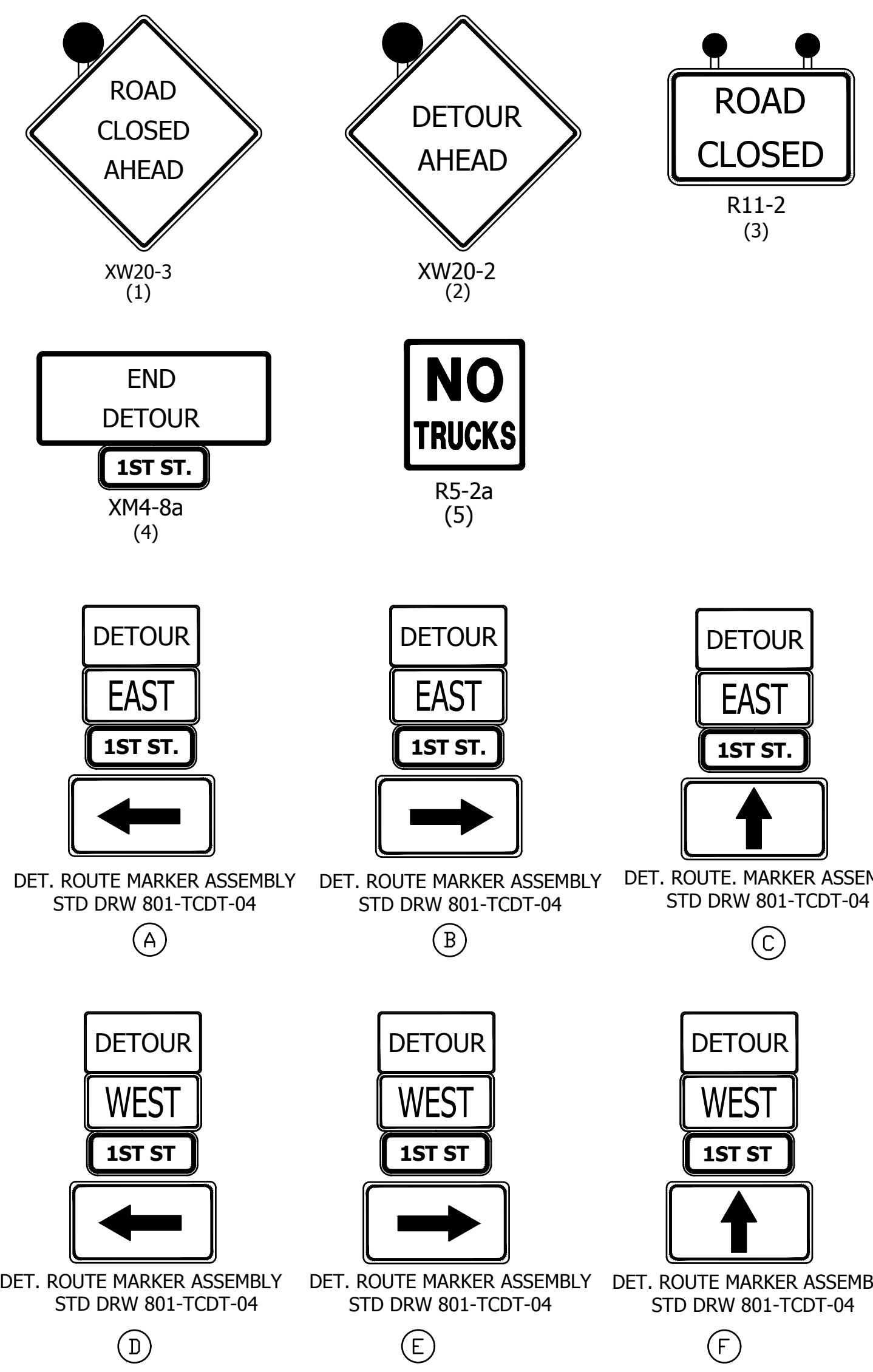
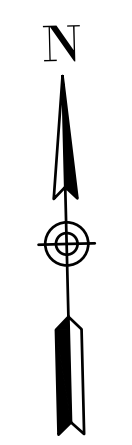
INDIANA DEPARTMENT OF TRANSPORTATION
 Maintenance of Traffic Phase II

| | |
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| VERTICAL SCALE | DESIGNATION |
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| SURVEY BOOK | SHEETS |
| N/A | 12 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

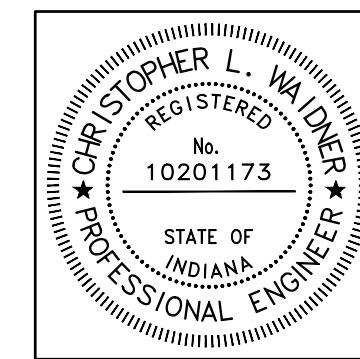
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 PLOTTED BY: amroccka
 DATE: Jun 14, 2023 - 10:16am



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- LEGEND:**
- Pedestrian Detour
 - Vehicle Detour
 - ↑ Detour Sign
 - RCSA - Road Closure Sign Assembly

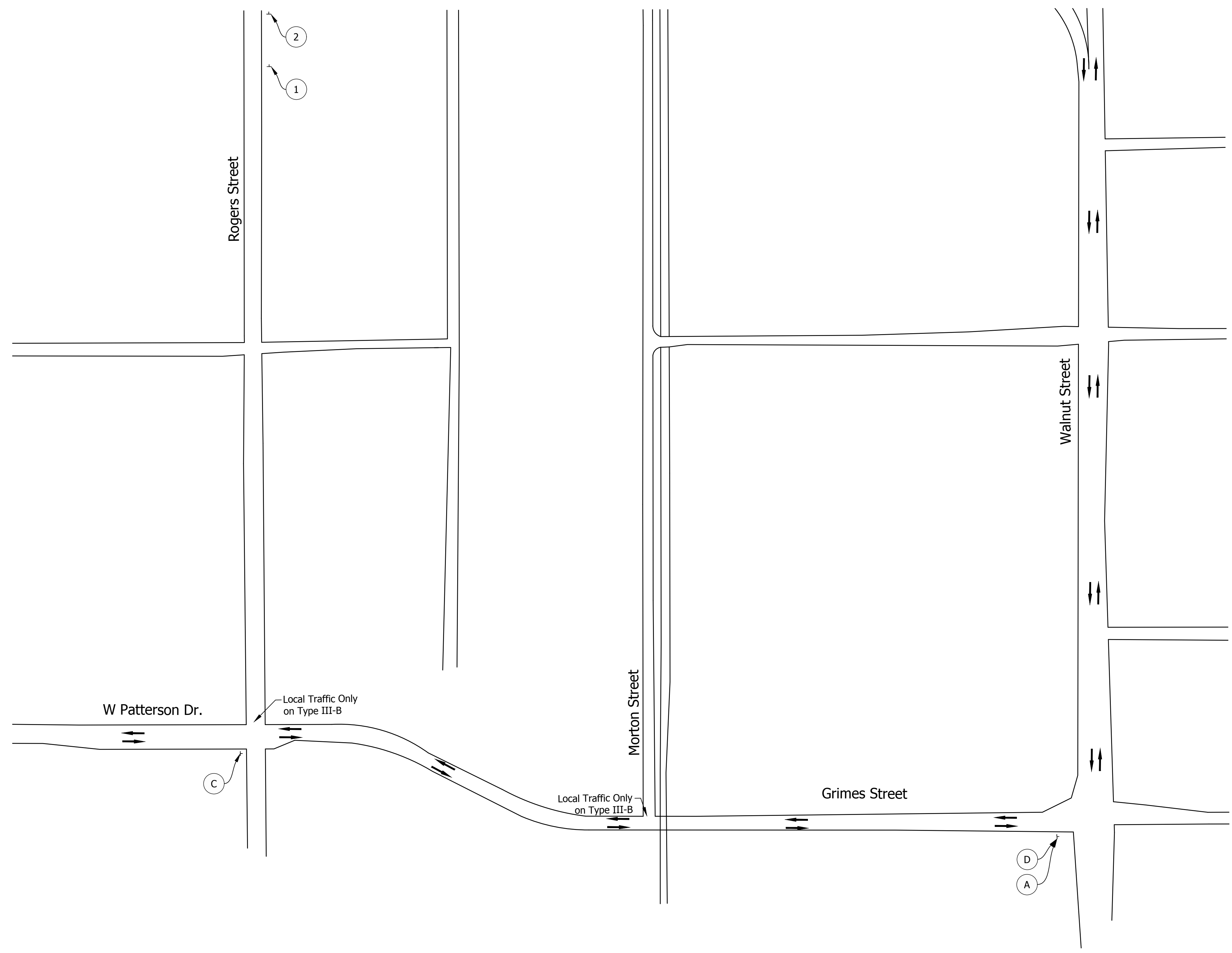


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: | RJB | DRAWN: |
| | | RJB |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

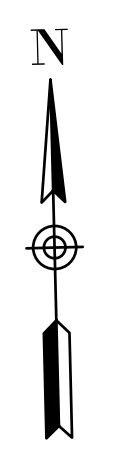
INDIANA DEPARTMENT OF TRANSPORTATION
 Maintenance of Traffic Phase II

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| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 13 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

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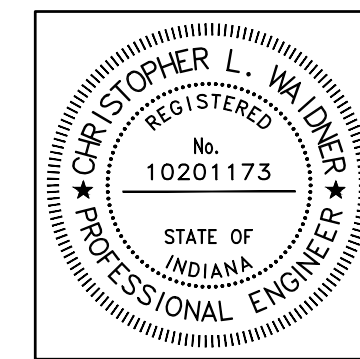


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| | | |
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| ROAD CLOSED AHEAD XW20-3 (1) | DETOUR AHEAD XW20-2 (2) | ROAD CLOSED R11-2 (3) |
| END DETOUR 1ST ST. XM4-8a (4) | NO TRUCKS R5-2a (5) | |
| DETOUR EAST 1ST ST. ← | DETOUR EAST 1ST ST. → | DETOUR EAST 1ST ST. ↑ |
| DET. ROUTE MARKER ASSEMBLY STD DRW 801-TCDT-04 (A) | DET. ROUTE MARKER ASSEMBLY STD DRW 801-TCDT-04 (B) | DET. ROUTE MARKER ASSEMBLY STD DRW 801-TCDT-04 (C) |
| DETOUR WEST 1ST ST. ← | DETOUR WEST 1ST ST. → | DETOUR WEST 1ST ST. ↑ |
| DET. ROUTE MARKER ASSEMBLY STD DRW 801-TCDT-04 (D) | DET. ROUTE MARKER ASSEMBLY STD DRW 801-TCDT-04 (E) | DET. ROUTE MARKER ASSEMBLY STD DRW 801-TCDT-04 (F) |

- LEGEND:**
- Pedestrian Detour
 - Vehicle Detour
 - ⊥ Detour Sign



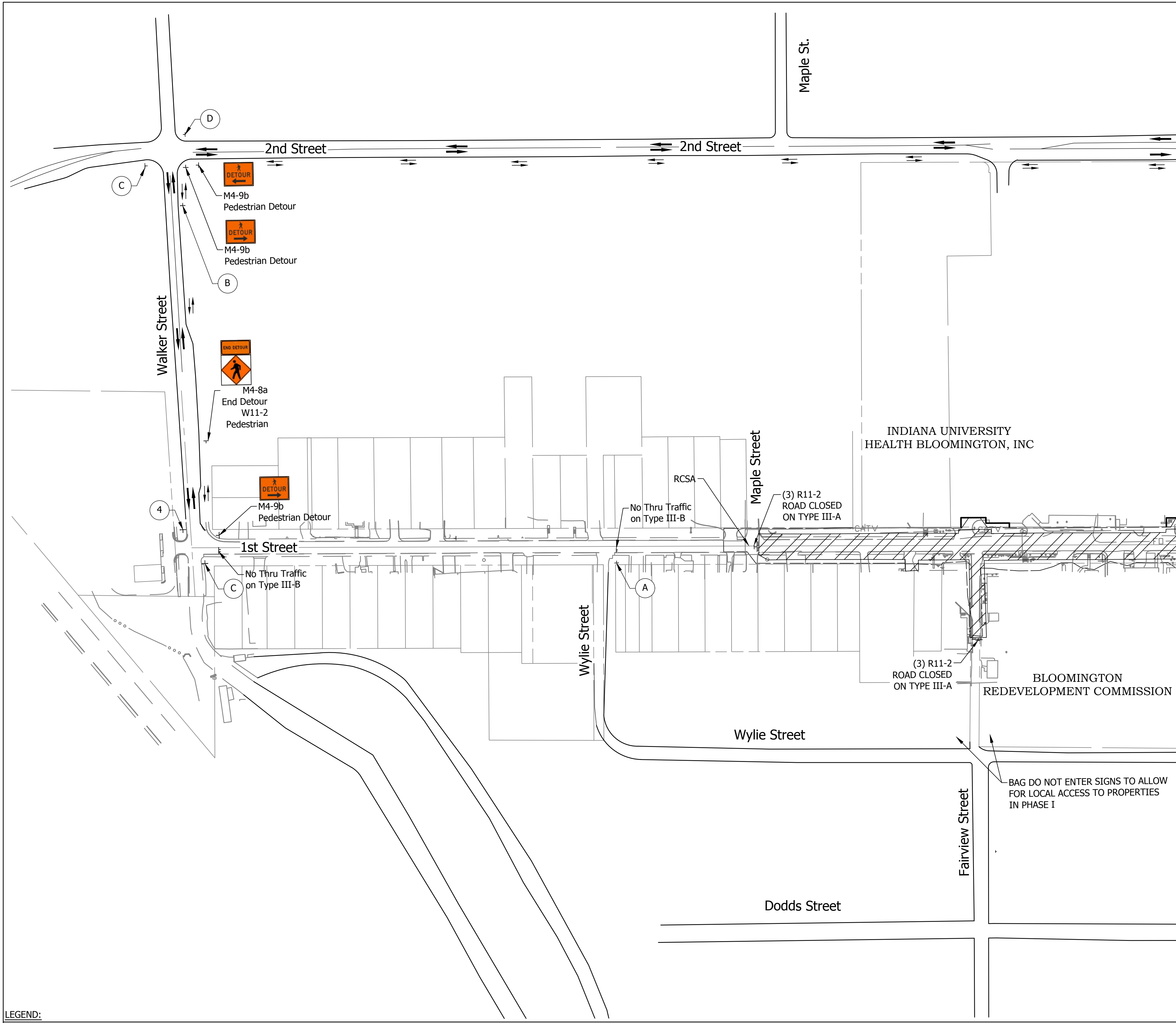
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| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB | |
| CHECKED: JTE | CHECKED: JTE | |

INDIANA
DEPARTMENT OF TRANSPORTATION

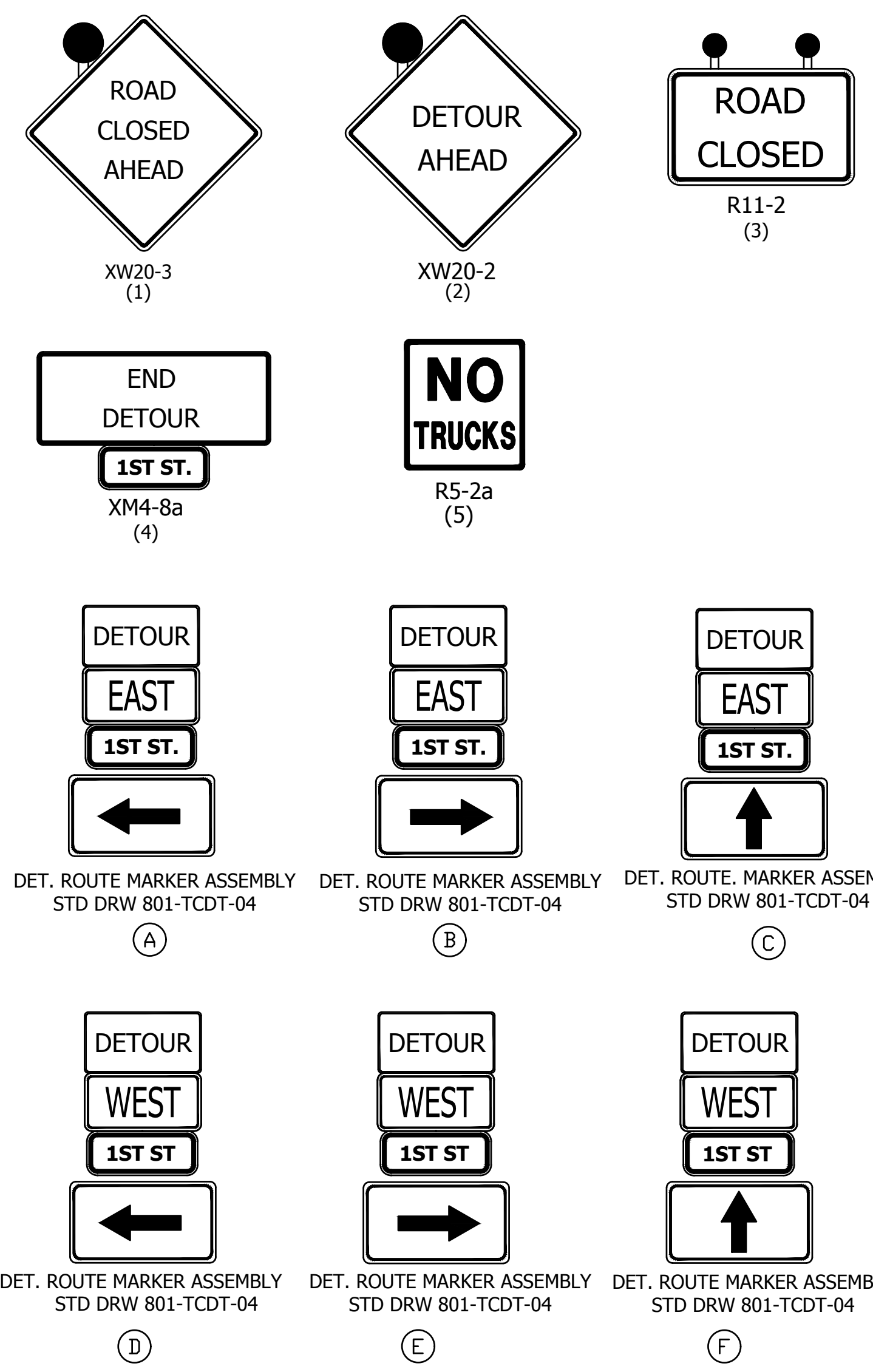
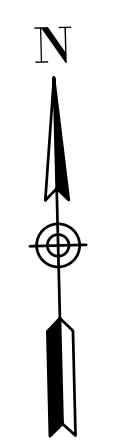
 Maintenance of Traffic
 Phase II

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|------------------|-------------|
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| VERTICAL SCALE | DESIGNATION |
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| SURVEY BOOK | SHEETS |
| N/A | 14 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

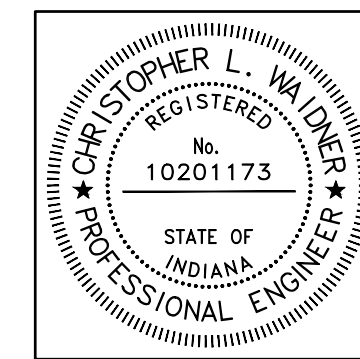
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 PLOTTED BY: amroccka
 DATE: Jun 14, 2023 - 10:16am



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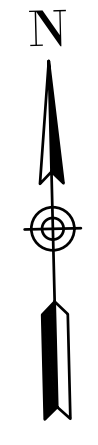
- LEGEND:**
- Pedestrian Detour
 - Vehicle Detour
 - ⊕ Detour Sign
 - RCSA - Road Closure Sign Assembly



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|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: | RJB | DRAWN: |
| | | RJB |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

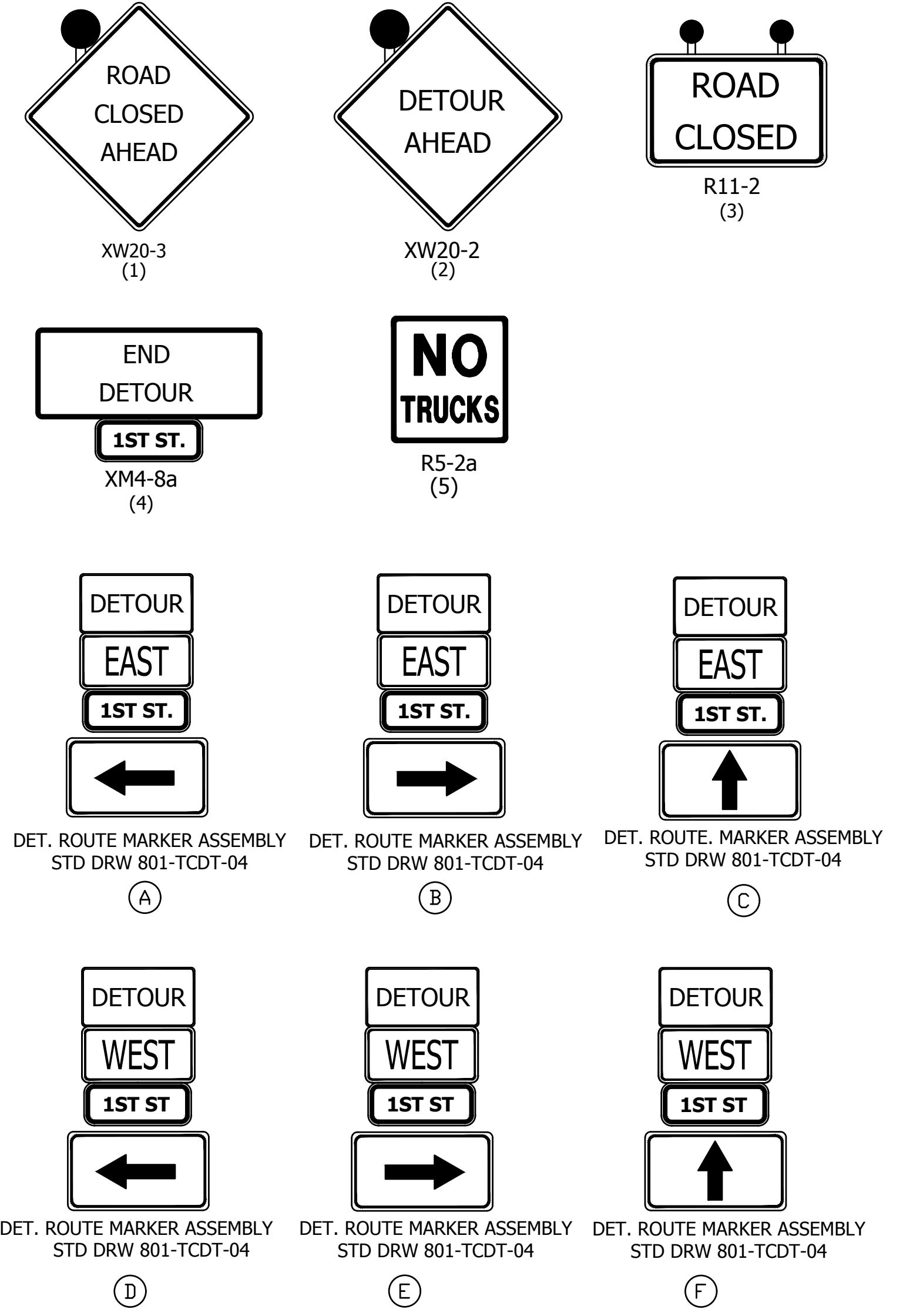
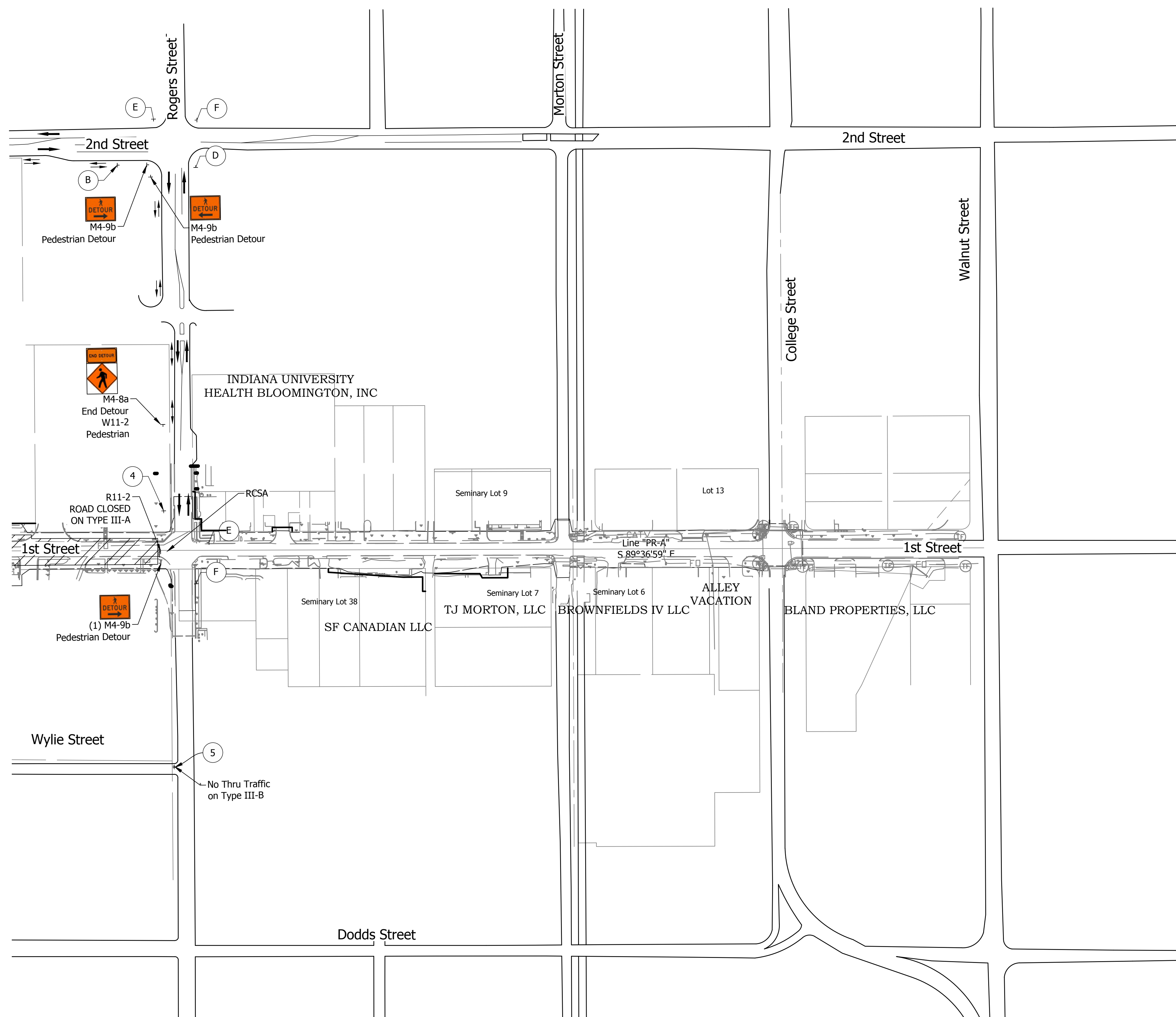
INDIANA DEPARTMENT OF TRANSPORTATION
 Maintenance of Traffic Phase III

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| VERTICAL SCALE | DESIGNATION |
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| SURVEY BOOK | SHEETS |
| N/A | 15 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



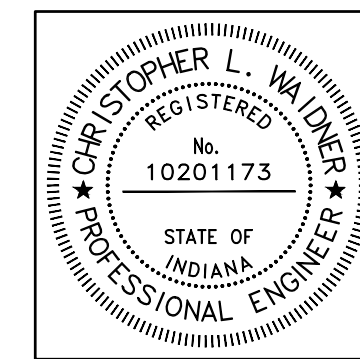
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LEGEND:

- Pedestrian Detour
- Vehicle Detour
- + Detour Sign
- RCSA - Road Closure Sign Assembly



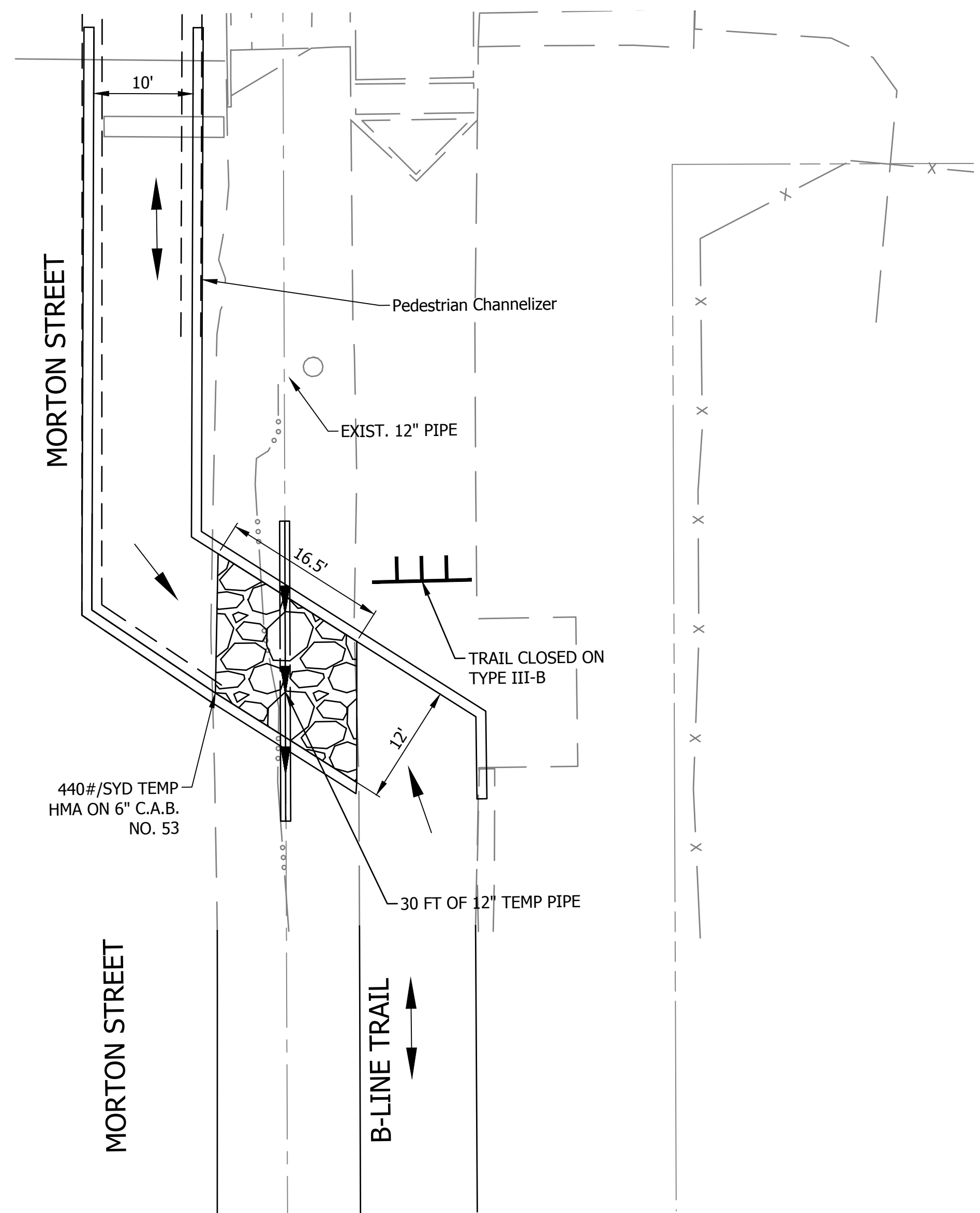
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| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

Maintenance of Traffic Phase III

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| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 100' | N/A |
| VERTICAL SCALE | DESIGNATION |
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| SURVEY BOOK | SHEETS |
| N/A | 16 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

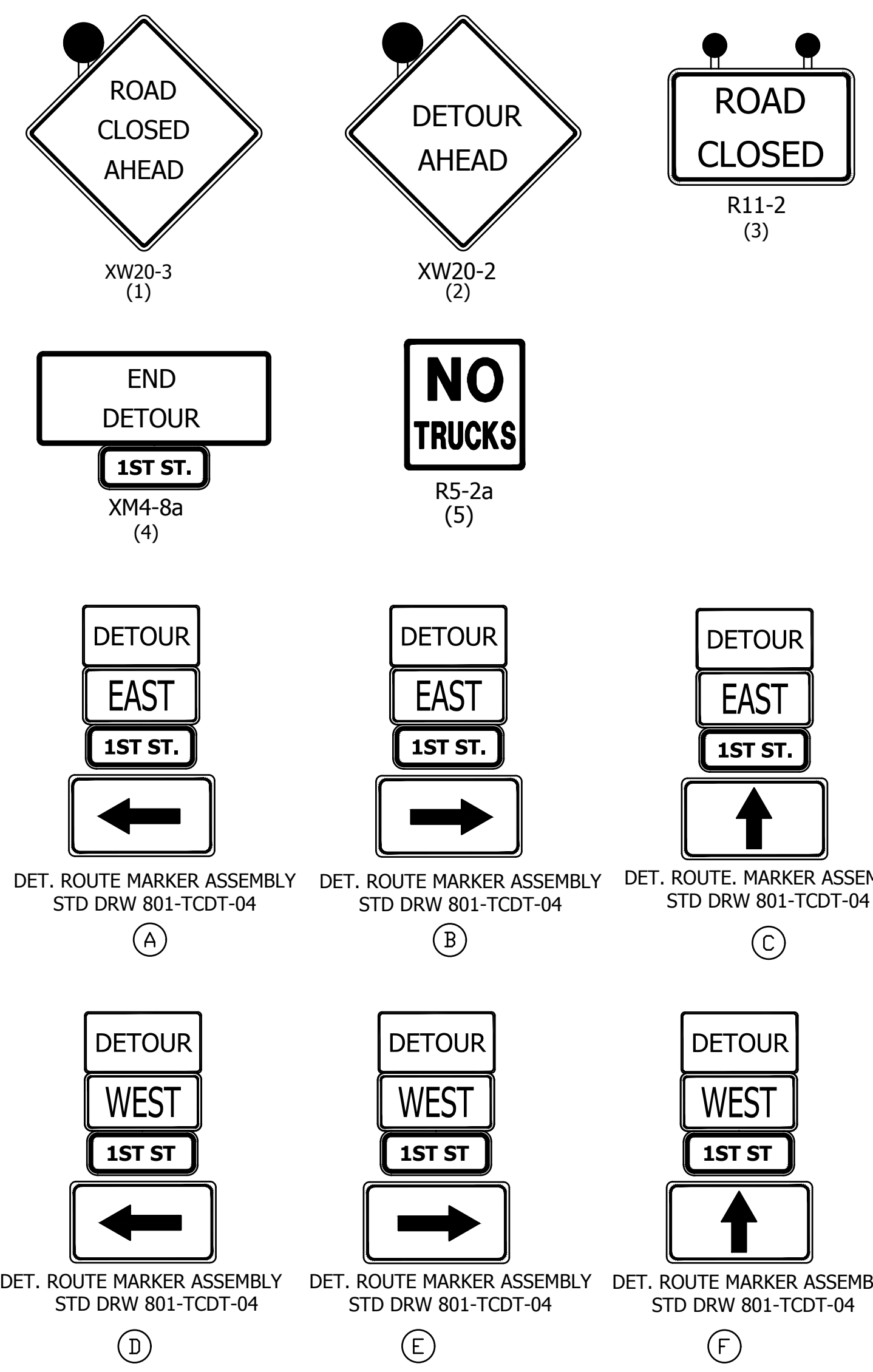
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 FILE: 4421.mot_detour.dwg
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 PLOTTED BY: amroccka
 DATE: Jun 14, 2023 - 10:16am



B-Line Temporary Connection

| MAINTENANCE OF TRAFFIC TABLE | | | | | | | |
|------------------------------|----------|-------|----------------------|------------------|------------------|-----------------------|---------|
| STATION | LOCATION | | CONSTRUCTION SIGN, A | BARRICADE, III-A | BARRICADE, III-B | DETOUR ROUTE ASSEMBLY | REMARKS |
| | LEFT | RIGHT | | | | | |
| PHASE I | | | EACH | LFT | LFT | EACH | |
| | | | 25 | 8 | 120 | 16 | |
| PHASE II | | | 20 | 48 | 60 | 27 | |
| PHASE III | | | 14 | 36 | 36 | 11 | |
| TOTAL: | | | 59 | 48 | 120 | 54 | |

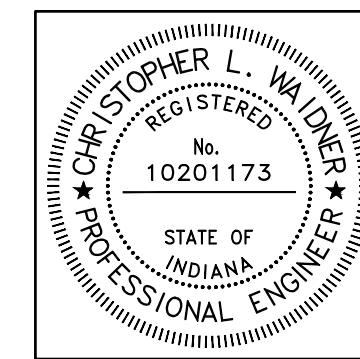
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 6. SEE DETAIL ON SHT 15 FOR PEDESTRIAN DETOUR FOR B-LINE TRAIL
 7. COST OF B-LINE TEMPORARY CONNECTION AND REMOVAL TO BE INCLUDED IN COST OF "MAINTENANCE OF TRAFFIC".



| DATE: | REVISIONS |
|------------|---------------|
| 12/04/2023 | UPDATE NOTE 7 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\05 Maintenance of Traffic\
 FILE: 4421.mot_detour.dwg
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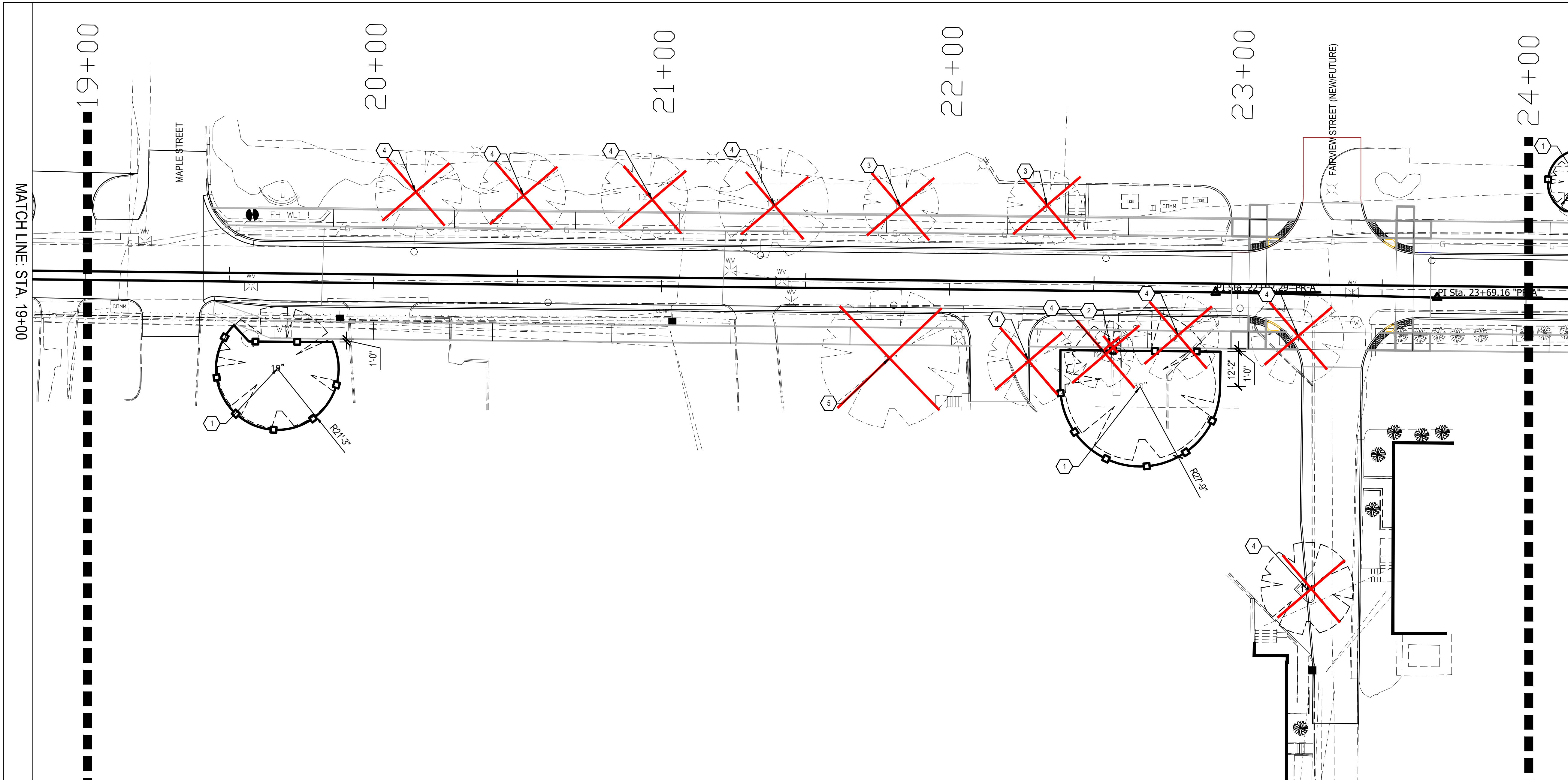
- LEGEND:
- Pedestrian Detour
 - Vehicle Detour
 - ⊕ Detour Sign



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|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waidner</i> | 12/4/2023 |
| | Christopher Waidner | DATE |
| DESIGNED: RJB | DRAWN: RJB | |
| CHECKED: JTE | CHECKED: JTE | |

INDIANA
DEPARTMENT OF TRANSPORTATION
 Maintenance of Traffic
 Phase I Detail

| | |
|------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 10' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 17 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |



TREE PROTECTION PLAN 'A'

TREES HAVE BEEN REMOVED FOR THE PROJECT. STUMPS REMAIN AND WILL NEED TO BE REMOVED BY THE CONTRACTOR. ALL EXISTING MATERIALS AND UTILITIES TO REMAIN SHALL BE PROTECTED DURING STUMP REMOVAL.

GENERAL TREE PROTECTION NOTES

- Underground utilities, if shown, are based on above ground indications and construction drawings on file with the Owner. There is no guarantee that all underground utilities in service or abandoned are shown. Underground utilities are shown as accurately as possible but still may not be exact. No physical underground utility locations were made.
- Tree Protection Fencing locations are fixed. Install exactly where shown on these plans. Any adjustments to fencing locations must be approved by the Owner. Damages will be assessed if tree protection fence location is adjusted without Owner approval. Fence deviation from this plan or approved change will be corrected by the General Contractor prior to the start of construction.
- All tree pruning and limb restraint will be performed under the direct supervision of a Certified Arborist. Contractor shall not prune trees or restrain limbs.
- No staging, equipment, material storage, or vehicles are allowed on non-paved areas unless indicated otherwise on plan.
- Abandon all utilities to be removed when located within a Protected Root Zone.
- Backfill all depressed and void areas with top soil following removal of vegetation. Soil shall be free of debris. Compact soils to ensure settling and sedimentation do not occur.
- Coordinate locations of Tree Protection Fencing and Construction Fencing prior to the start of construction activities. In areas where Tree Protection and Construction Fences overlap, the Contractor may elect to install the more restrictive fence type of the two provided that the single fence accommodates the requirements of both fences. Where fencing is shown against an existing or proposed edge of pavement, provide a minimum of 1'-0" clear from edge unless otherwise noted.
- Contractor may submit alternate methods of tree protection to Landscape Architect for Consideration.
- Coordinate Timing of Tree Removal with Owner's Representative.

SYMBOL LEGEND

- Tree to Remain; Protect throughout Construction
- Stump to be Removed completely. Backfill depression to be flush with grade
- 1. Tree Protection (621-07643)
- 2. Tree 6 in., Remove (201-02245)
- 3. Tree 10 in., Remove (201-02250)
- 4. Tree 18 in., Remove (201-02255)
- 5. Tree 30 in., Remove (201-02260)
- 6. Tree 48 in., Remove (201-02265)
- 7. Tree Remove by Others prior to Construction
- Tree to be Removed completely. Backfill depression to be flush with grade

| DATE | UPDATE TREE REMOVAL |
|------------|-----------------------|
| 12/04/2023 | <i>Christy L. ...</i> |



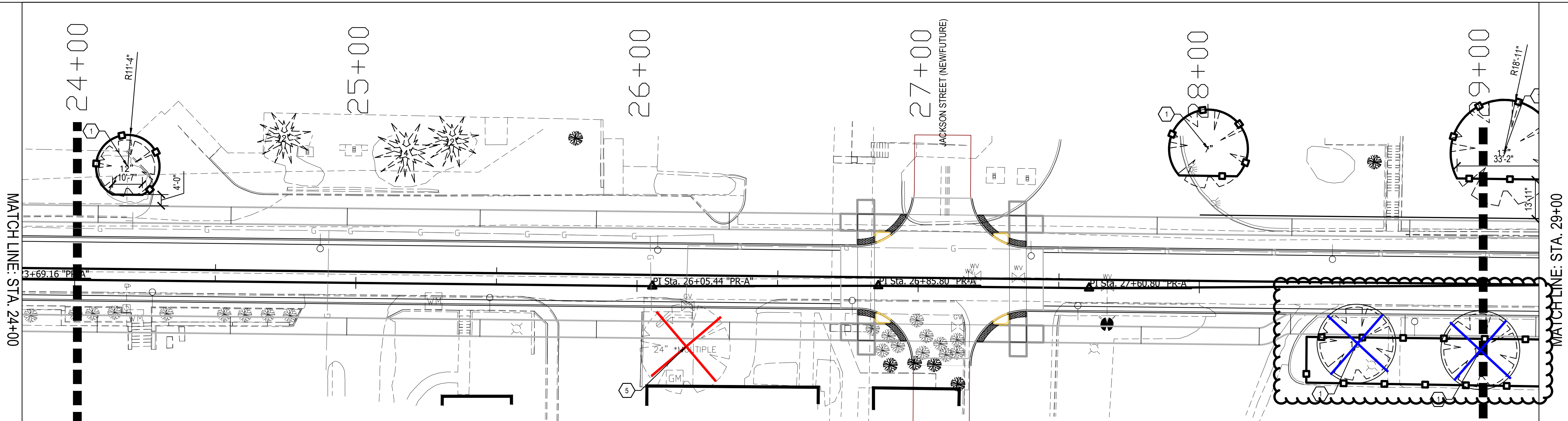
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| RECOMMENDED FOR APPROVAL | <i>Alyssa P. Prazeau</i> | 06/12/2023 |
| DESIGNED: | SS | DRAWN: |
| CHECKED: | AP | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

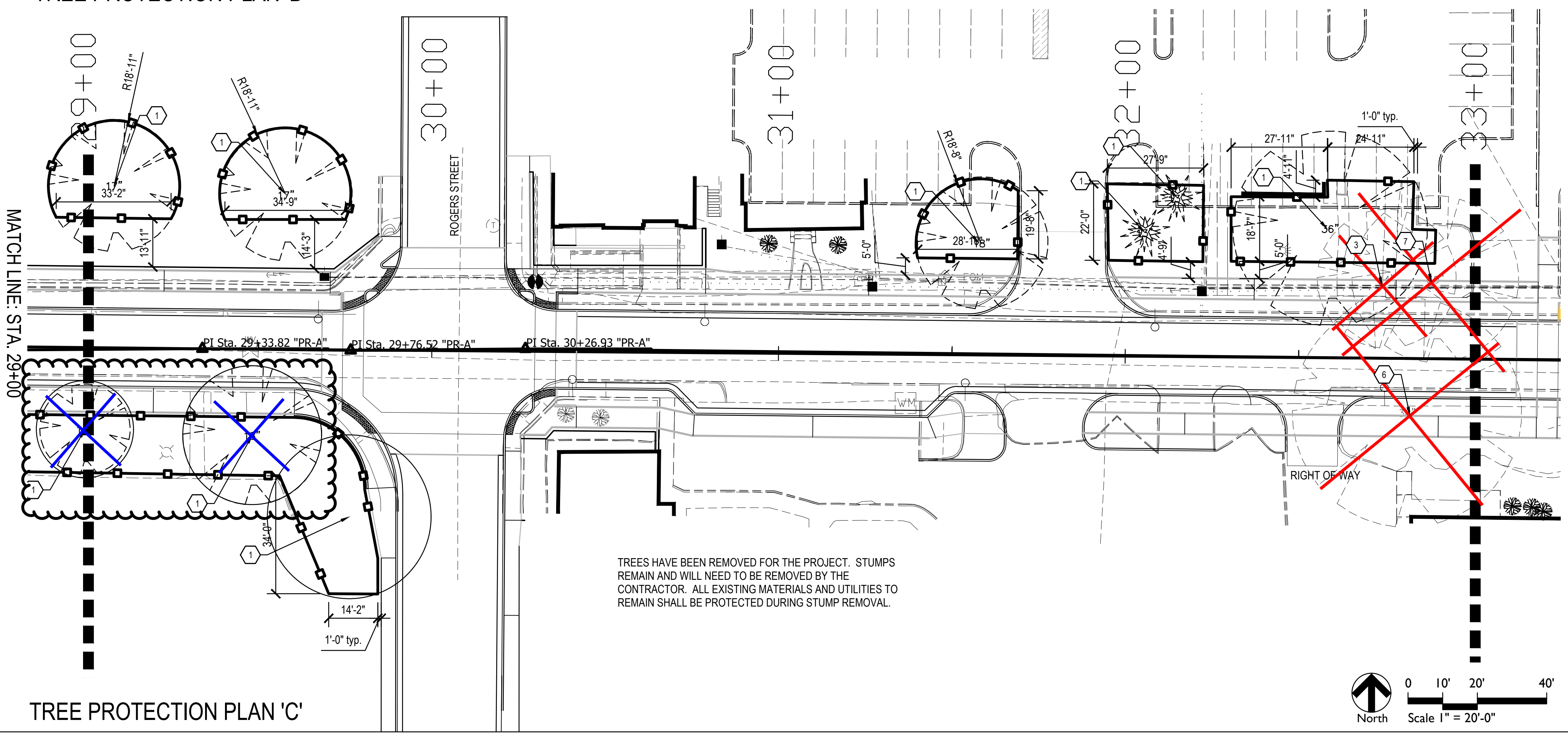
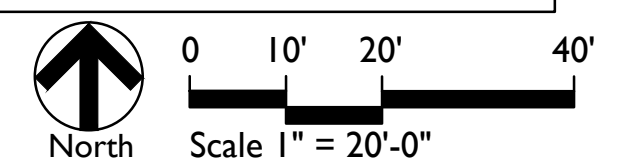
TREE PROTECTION AND DEMOLITION PLAN

| | |
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| VERTICAL SCALE | DESIGNATION |
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| SURVEY BOOK | SHEETS |
| N/A | 18 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

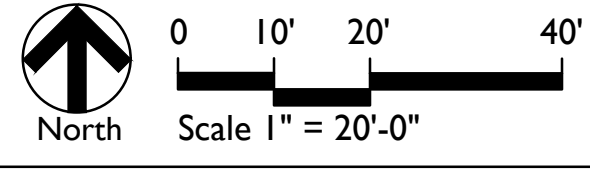
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TREE PROTECTION PLAN 'B'



TREE PROTECTION PLAN 'C'



GENERAL TREE PROTECTION NOTES

- Underground utilities, if shown, are based on above ground indications and construction drawings on file with the Owner. There is no guarantee that all underground utilities in service or abandoned are shown. Underground utilities are shown as accurately as possible but still may not be exact. No physical underground utility locations were made.
- Tree Protection Fencing locations are fixed. Install exactly where shown on these plans. Any adjustments to fencing locations must be approved by the Owner. Damages will be assessed if tree protection fence location is adjusted without Owner approval. Fence deviation from this plan or approved change will be corrected by the General Contractor prior to the start of construction.
- All tree pruning and limb restraint will be performed under the direct supervision of a Certified Arborist. Contractor shall not prune trees or restrain limbs.
- No staging, equipment, material storage, or vehicles are allowed on non-paved areas unless indicated otherwise on plan.
- Abandon all utilities to be removed when located within a Protected Root Zone.
- Backfill all depressed and void areas with top soil following removal of vegetation. Soil shall be free of debris. Compact soils to ensure settling and sedimentation do not occur.
- Coordinate locations of Tree Protection Fencing and Construction Fencing prior to the start of construction activities. In areas where Tree Protection and Construction Fences overlap, the Contractor may elect to install the more restrictive fence type of the two provided that the single fence accommodates the requirements of both fences. Where fencing is shown against an existing or proposed edge of pavement, provide a minimum of 1'-0" clear from edge unless otherwise noted.
- Contractor may submit alternate methods of tree protection to Landscape Architect for Consideration.
- Coordinate Timing of Tree Removal with Owner's Representative.

SYMBOL LEGEND

| | | | |
|--|--|------------------------------------|--|
| | Tree to Remain; Protect throughout Construction | 1. Tree Protection (621-07643) | 6. Tree 48 in., Remove (201-02265) |
| | Stump to be Removed completely. Backfill depression to be flush with grade | 2. Tree 6 in., Remove (201-02245) | 7. Tree Remove by Others prior to Construction |
| | Tree to be Removed completely. Backfill depression to be flush with grade | 3. Tree 10 in., Remove (201-02250) | |
| | | 4. Tree 18 in., Remove (201-02255) | |
| | | 5. Tree 30 in., Remove (201-02260) | |

| DATE | UPDATE |
|------------|---------------------------|
| 12/04/2023 | UPDATE TREE REMOVAL |
| | <i>Christina L. White</i> |



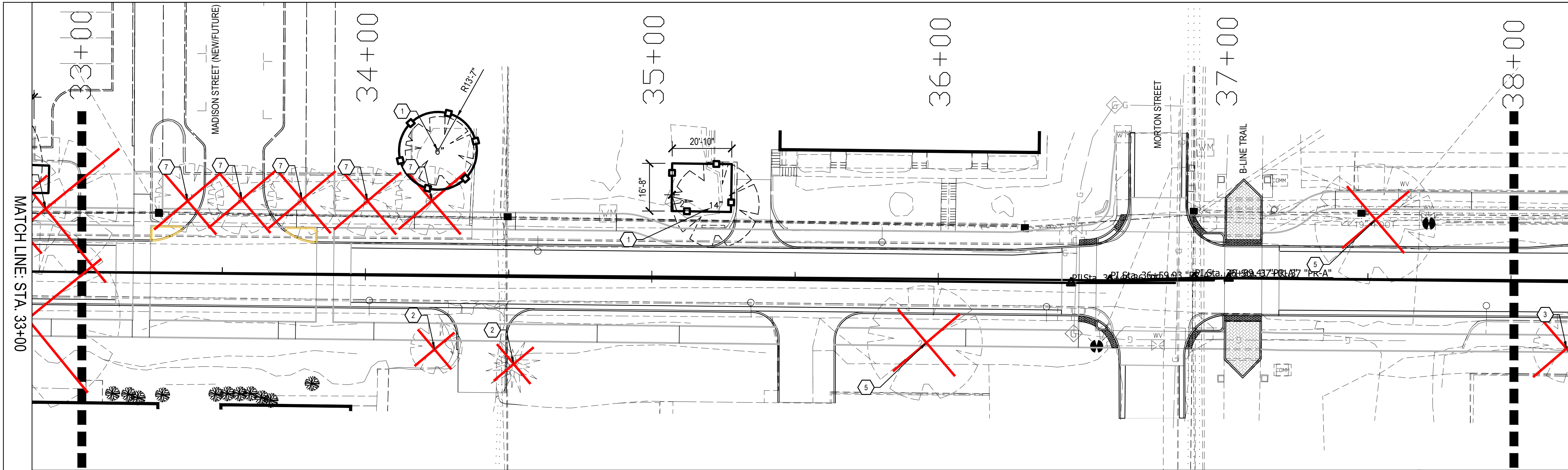
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|--------------------------|-------------------------|------------|
| RECOMMENDED FOR APPROVAL | <i>Alyssa P. Prazan</i> | 06/12/2023 |
| DESIGNED: | SS | DRAWN: |
| CHECKED: | AP | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

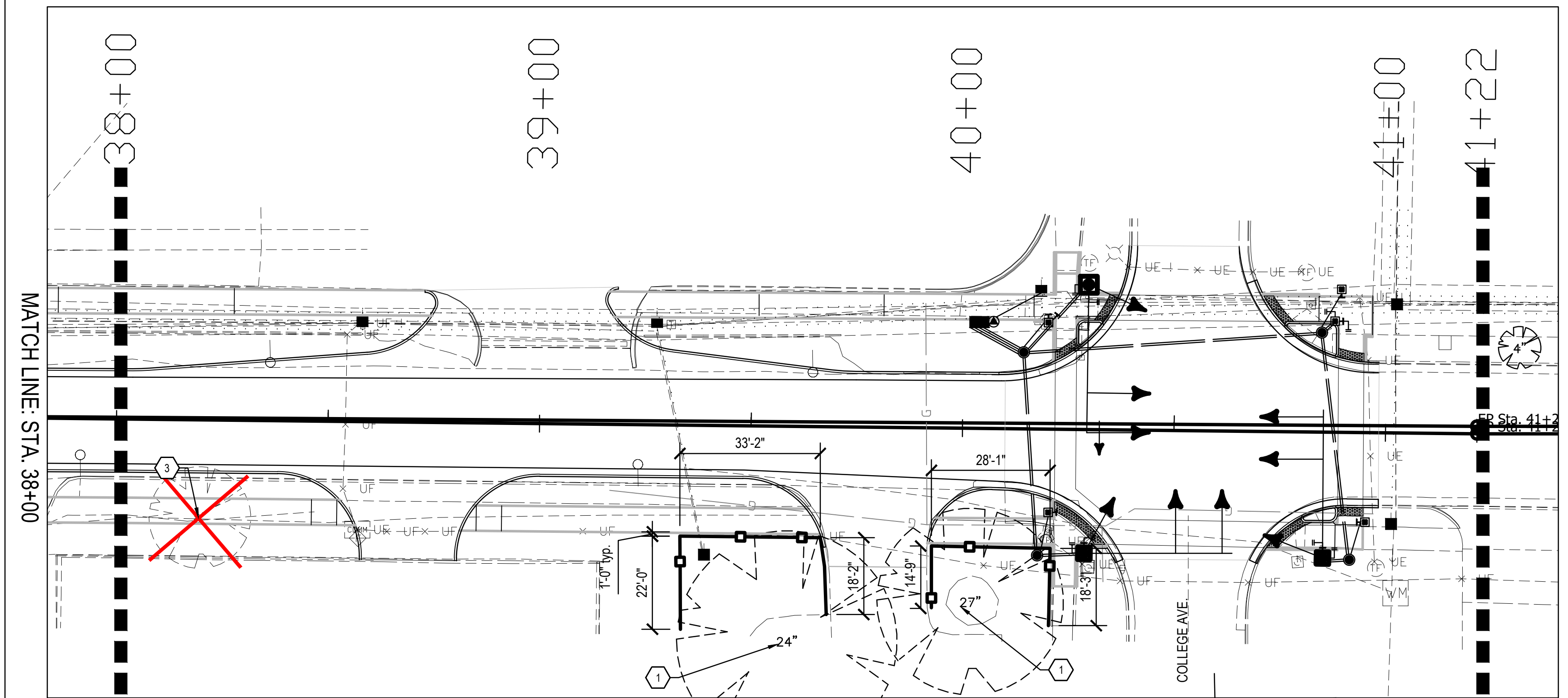
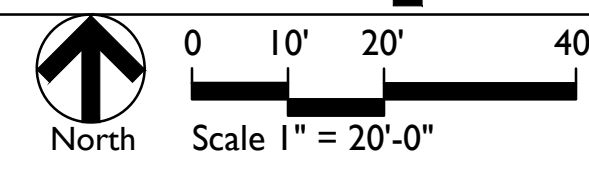
TREE PROTECTION AND DEMOLITION PLAN

| | |
|------------------|-------------|
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| 1" = 20'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 19 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

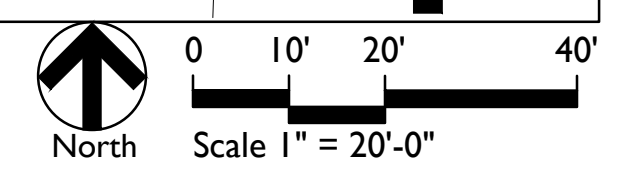
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 DIMSCALE: 1/8" = 1'-0"
 PLOTTED BY: aprazan
 DATE: Jun 12, 2023 - 10:56pm



TREE PROTECTION PLAN 'D'



TREE PROTECTION PLAN 'E'



GENERAL TREE PROTECTION NOTES

- Underground utilities, if shown, are based on above ground indications and construction drawings on file with the Owner. There is no guarantee that all underground utilities in service or abandoned are shown. Underground utilities are shown as accurately as possible but still may not be exact. No physical underground utility locations were made.
- Tree Protection Fencing locations are fixed. Install exactly where shown on these plans. Any adjustments to fencing locations must be approved by the Owner. Damages will be assessed if tree protection fence location is adjusted without Owner approval. Fence deviation from this plan or approved change will be corrected by the General Contractor prior to the start of construction.
- All tree pruning and limb restraint will be performed under the direct supervision of a Certified Arborist. Contractor shall not prune trees or restrain limbs.
- No staging, equipment, material storage, or vehicles are allowed on non-paved areas unless indicated otherwise on plan.
- Abandon all utilities to be removed when located within a Protected Root Zone.
- Backfill all depressed and void areas with top soil following removal of vegetation. Soil shall be free of debris. Compact soils to ensure settling and sedimentation do not occur.
- Coordinate locations of Tree Protection Fencing and Construction Fencing prior to the start of construction activities. In areas where Tree Protection and Construction Fences overlap, the Contractor may elect to install the more restrictive fence type of the two provided that the single fence accommodates the requirements of both fences. Where fencing is shown against an existing or proposed edge of pavement, provide a minimum of 1'-0" clear from edge unless otherwise noted.
- Contractor may submit alternate methods of tree protection to Landscape Architect for Consideration.
- Coordinate Timing of Tree Removal with Owner's Representative.

| DATE | UPDATE TREE REMOVAL |
|------------|---------------------------|
| 12/04/2023 | <i>Christopher L. ...</i> |

SYMBOL LEGEND

| | | | |
|--|--|------------------------------------|--|
| | Tree to Remain; Protect throughout Construction | 1. Tree Protection (621-07643) | 6. Tree 48 in., Remove (201-02265) |
| | Stump to be Removed completely. Backfill depression to be flush with grade | 2. Tree 6 in., Remove (201-02245) | 7. Tree Remove by Others prior to Construction |
| | Tree to be Removed completely. Backfill depression to be flush with grade | 3. Tree 10 in., Remove (201-02250) | |
| | | 4. Tree 18 in., Remove (201-02255) | |
| | | 5. Tree 30 in., Remove (201-02260) | |

TREES HAVE BEEN REMOVED FOR THE PROJECT. STUMPS REMAIN AND WILL NEED TO BE REMOVED BY THE CONTRACTOR. ALL EXISTING MATERIALS AND UTILITIES TO REMAIN SHALL BE PROTECTED DURING STUMP REMOVAL.



| | | |
|--------------------------|--------------------------|------------|
| RECOMMENDED FOR APPROVAL | <i>Alyssa P. Prazeau</i> | 06/12/2023 |
| | DESIGN ENGINEER | DATE |
| DESIGNED: SS | DRAWN: SS | |
| CHECKED: AP | CHECKED: AP | |

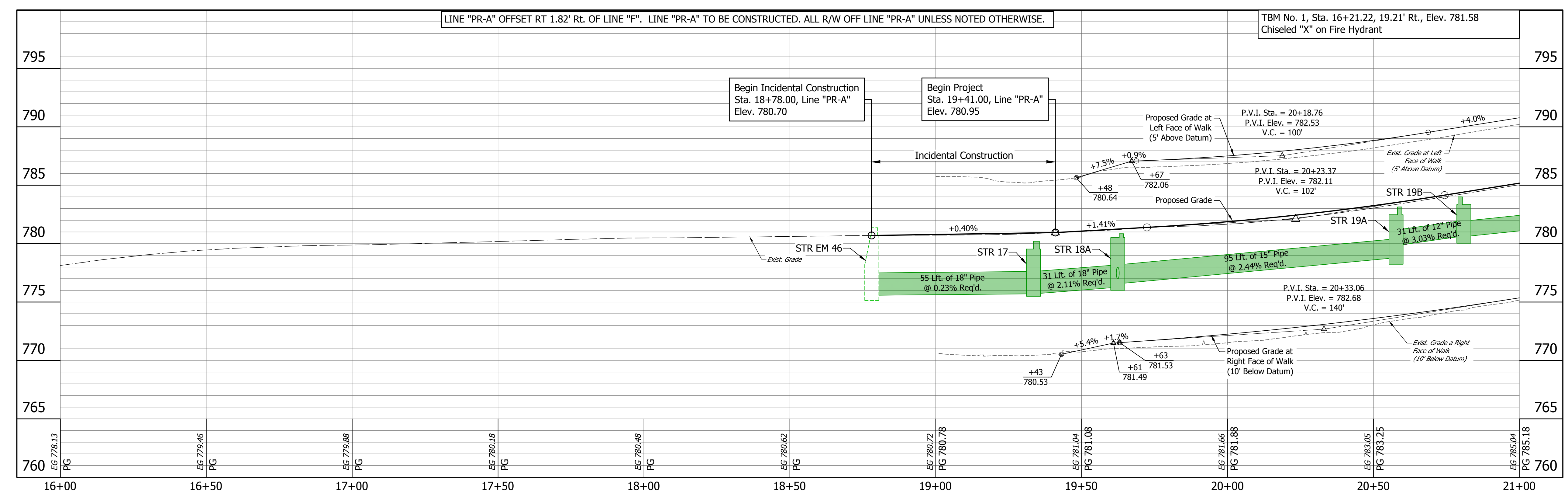
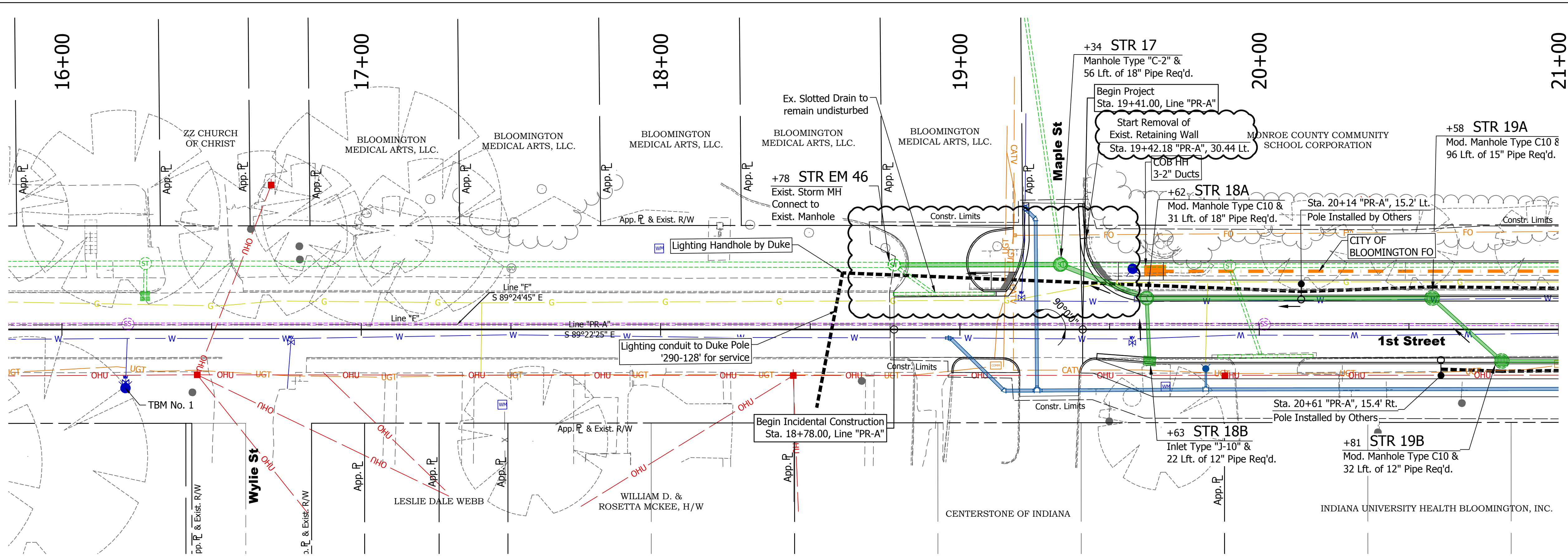
INDIANA DEPARTMENT OF TRANSPORTATION

TREE PROTECTION AND DEMOLITION PLAN

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 20 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: C:\Users\aprazeau\AppData\Local\Temp\AcPublish_139012\...
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 PLOTTED BY: aprazeau
 DATE: Jun 12, 2023 - 10:56pm

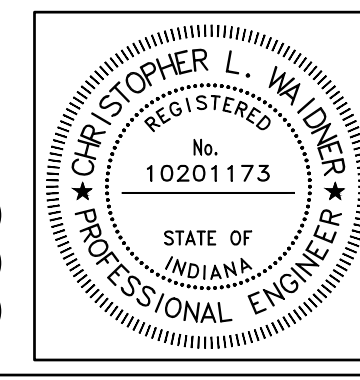
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 FILE: 4421 Plan and Profile (1st St).dwg
 DIMSCALE: 1/16" = 1' LTSCALE: 1/16"
 PLOTTED BY: ABUZZA
 DATE: Dec 04, 2023 1:57pm



- LEGEND**
- Lighting poles and Foundations (By Others)
 - 2" Sched. 40 HDPE Lighting Conduit (In Contract)
 - City of Bloomington (COB) Fiber Optic Duct 4-4"
 - City of Bloomington (COB HH) Fiber Optic Handhole 30"x48"x24"

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Optic Conduit and Handholes per City of Bloomington Standard Specifications.
 Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

| DATE: | REVISIONS |
|------------|---------------|
| 12/04/2023 | UPDATE DESIGN |

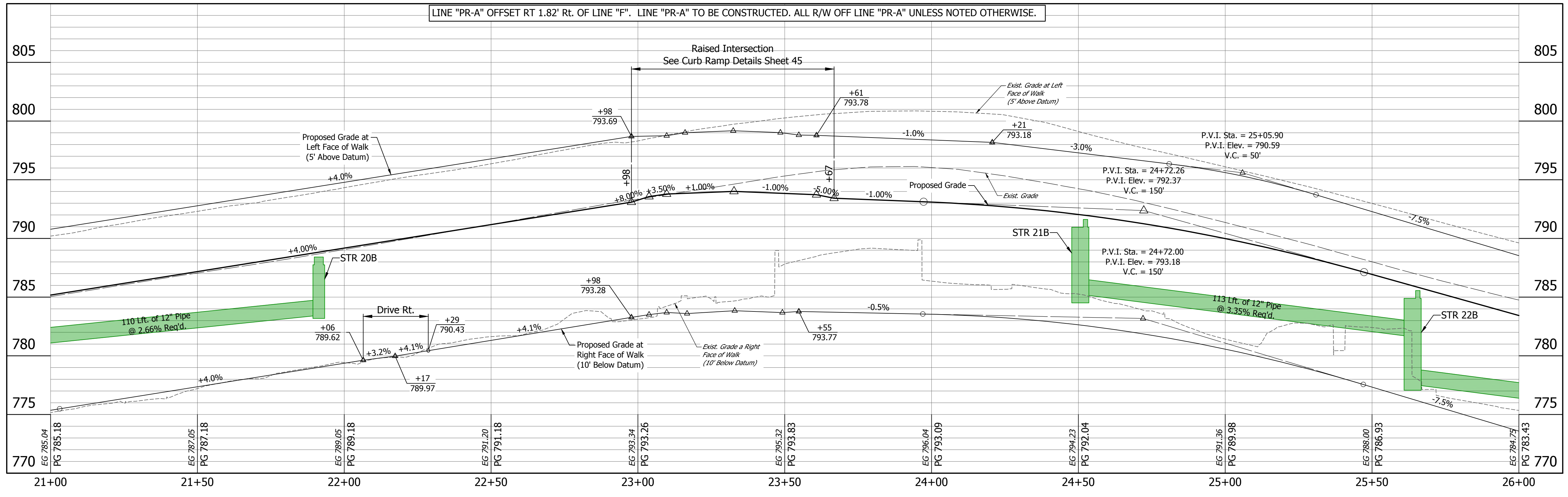
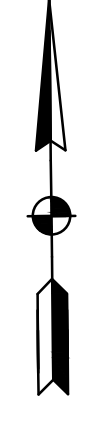
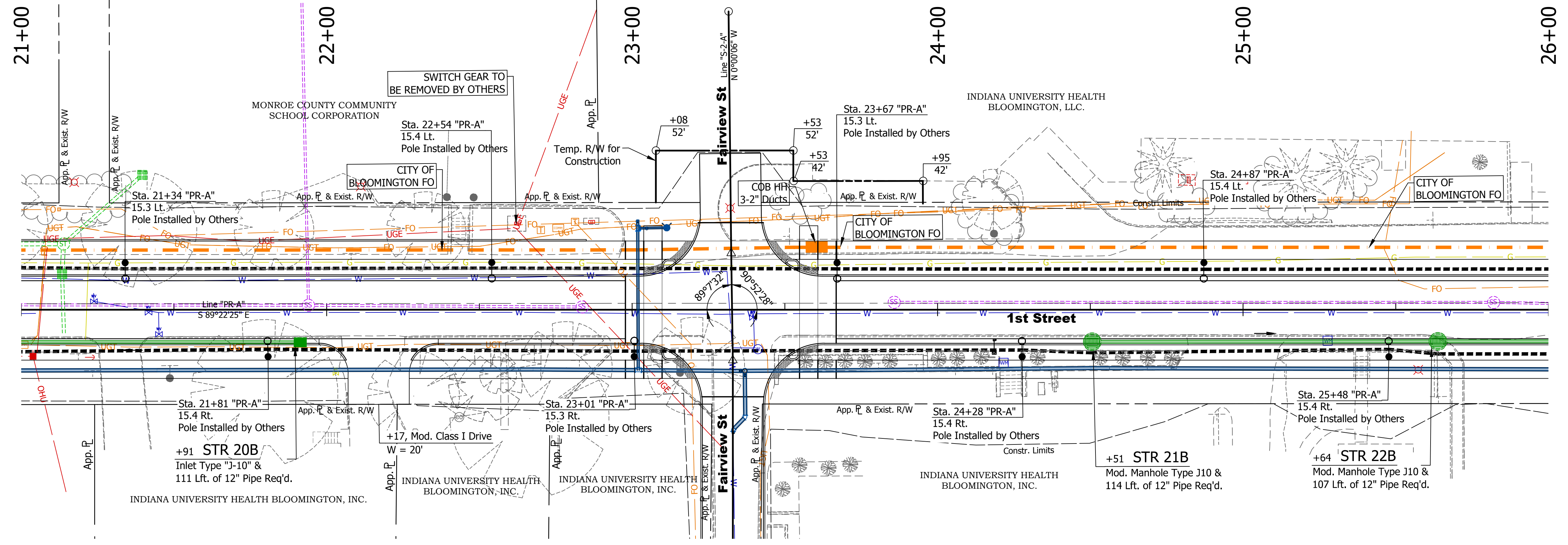


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|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

Plan and Profile Line "PR-A"

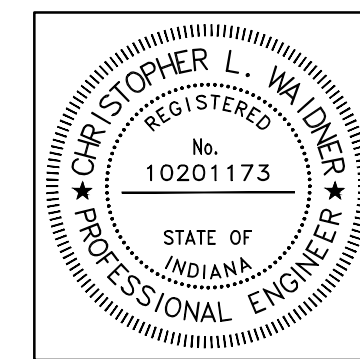
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| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 21 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 Plan and Profile (1st St).dwg
 DIMSCALE: 1/8\"/>

- LEGEND**
- Lighting poles and Foundations (By Others)
 - 2" Sched. 40 HDPE Lighting Conduit (In Contract)
 - City of Bloomington (COB) Fiber Optic Duct 4-4"
 - City of Bloomington (COB HH) Fiber Optic Handhole 30"x48"x24"

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Optic Conduit and Handholes per City of Bloomington Standard Specifications.
 Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)



RECOMMENDED FOR APPROVAL: *Christopher L. Waldner* 9/15/2023
 Christopher Waldner DATE

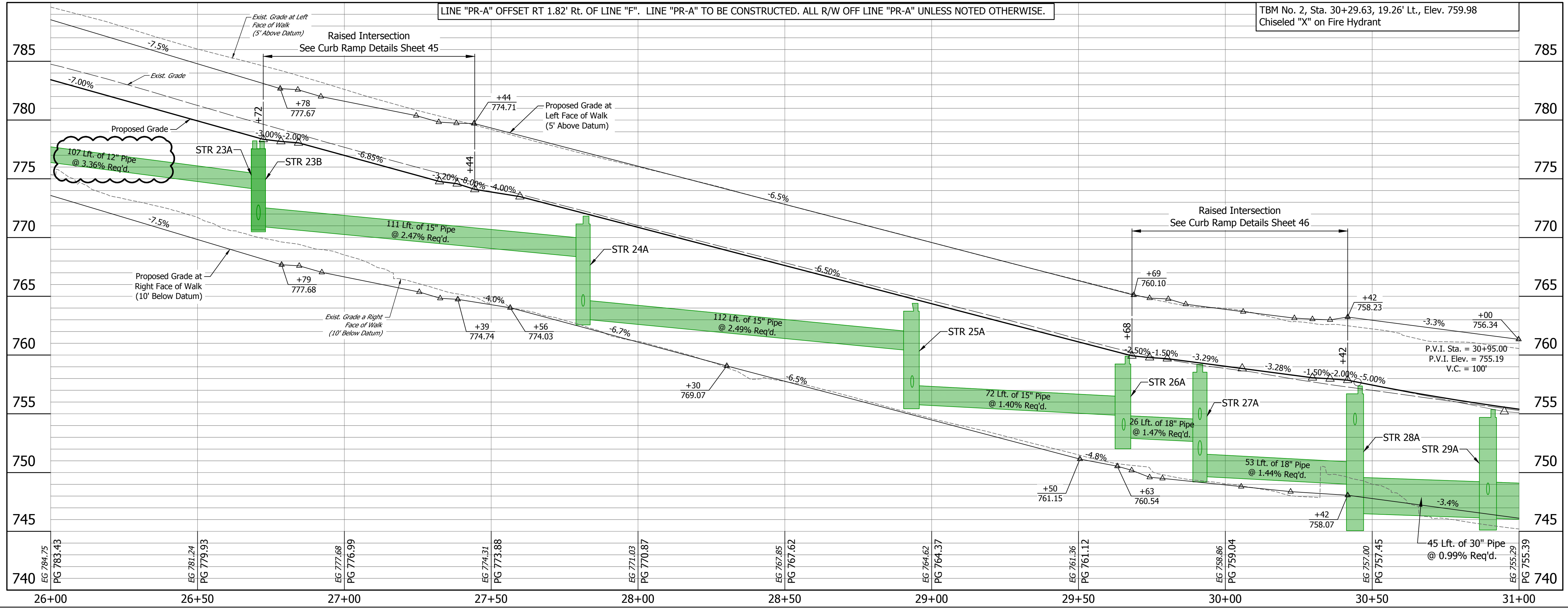
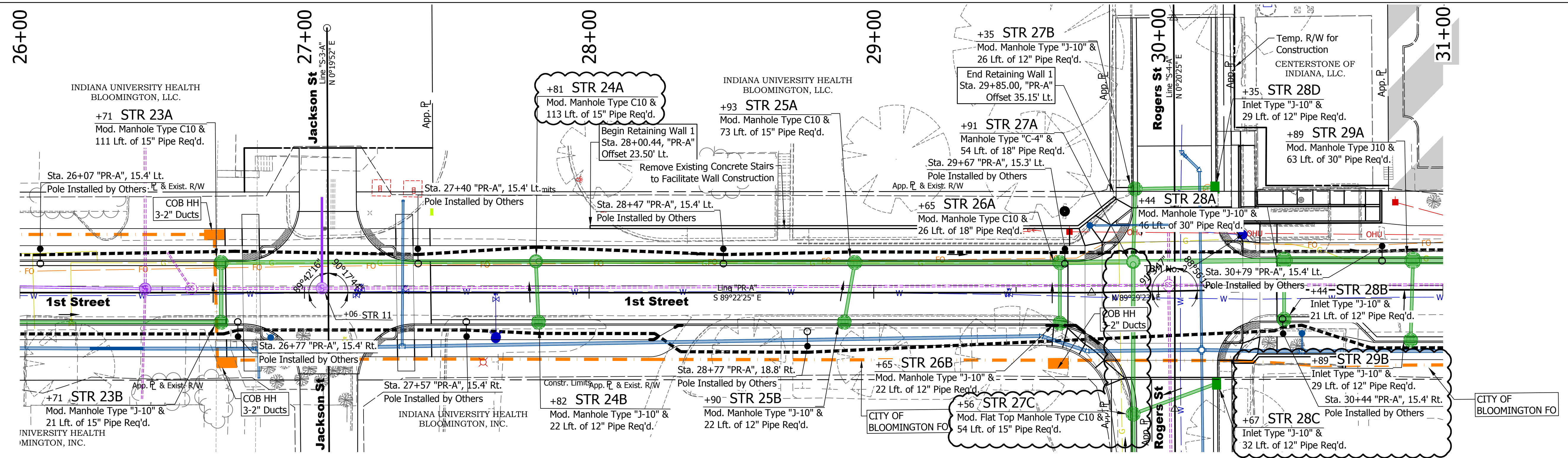
DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA DEPARTMENT OF TRANSPORTATION

Plan and Profile Line "PR-A"

| | |
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| SURVEY BOOK N/A | SHEETS 22 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

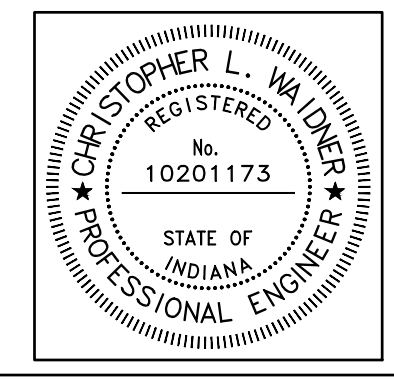
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 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 1:58pm



- LEGEND**
- Lighting poles and Foundations (By Others)
 - 2" Sched. 40 HDPE Lighting Conduit (In Contract)
 - City of Bloomington (COB) Fiber Optic Duct 4-4"
 - City of Bloomington (COB HH) Fiber Optic Handhole 30"x48"x24"

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Optic Conduit and Handholes per City of Bloomington Standard Specifications.
 Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

| DATE: | REVISIONS |
|------------|---|
| 12/04/2023 | UPDATE PLAN VIEW AND REMOVE PHANTOM PIPES |



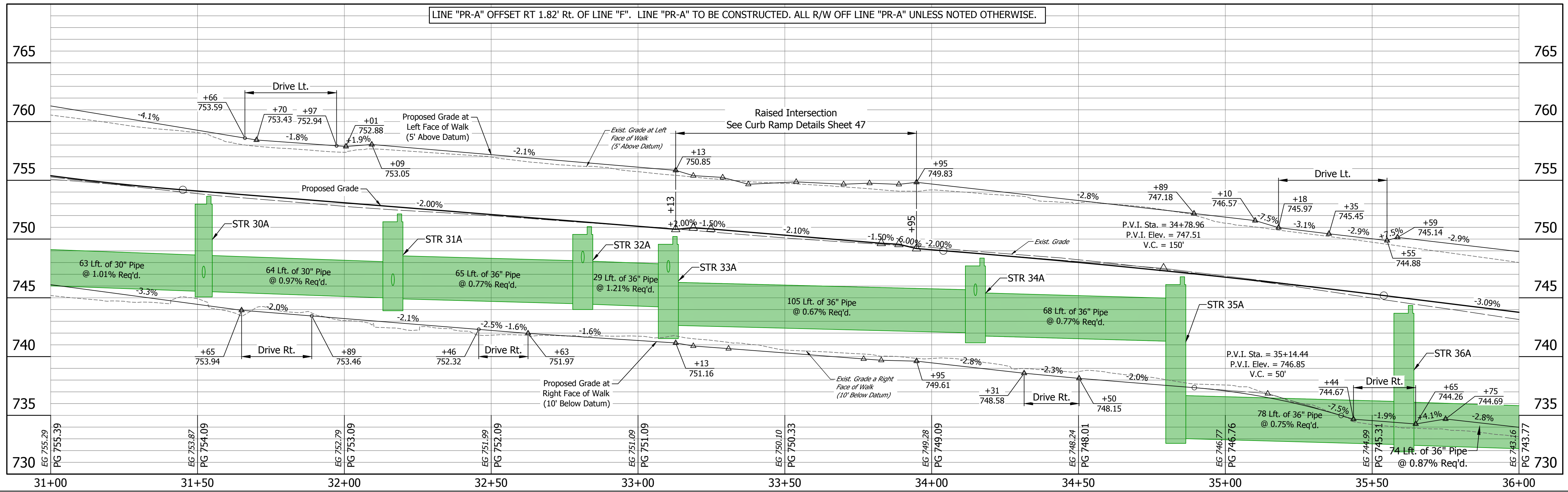
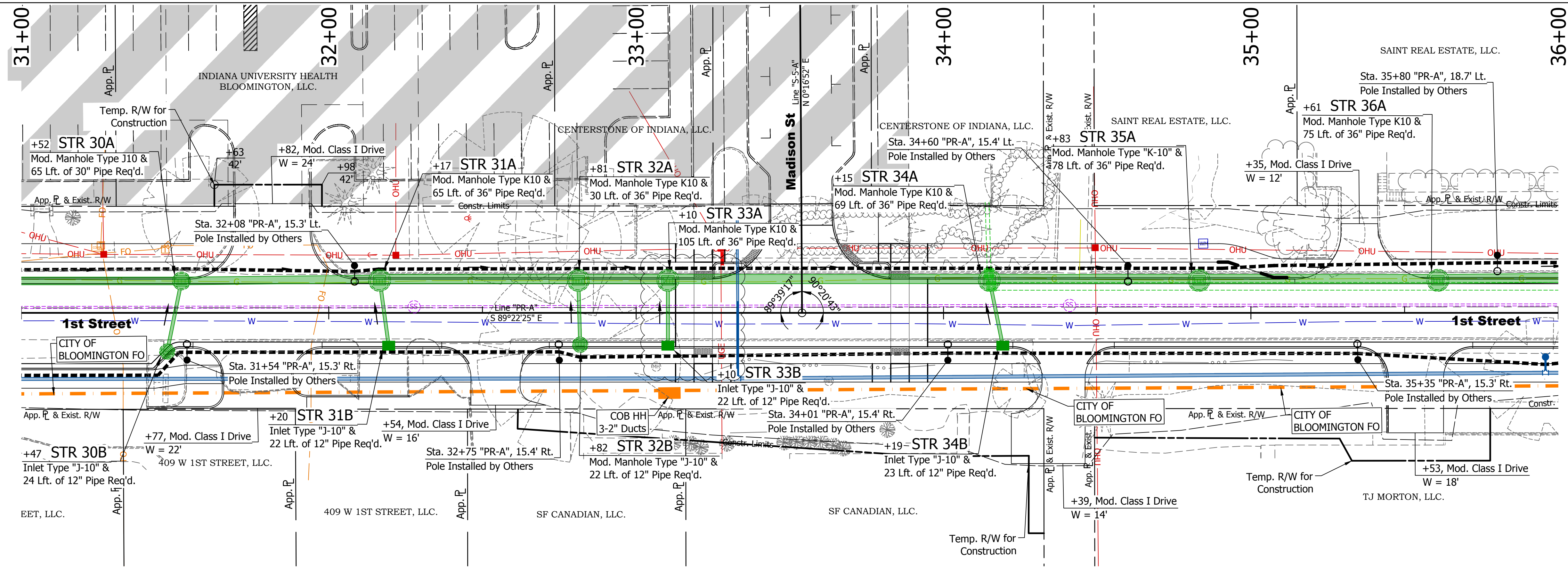
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| RECOMMENDED FOR APPROVAL | <i>Christopher Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

Plan and Profile Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
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| SURVEY BOOK | SHEETS |
| N/A | 23 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

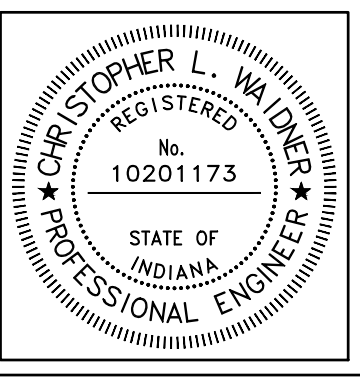
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 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 2:02pm



- LEGEND**
- Lighting poles and Foundations (By Others)
 - 2" Sched. 40 HDPE Lighting Conduit (In Contract)
 - City of Bloomington (COB) Fiber Optic Duct 4-4"
 - City of Bloomington (COB HH) Fiber Optic Handhole 30"x48"x24"

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Optic Conduit and Handholes per City of Bloomington Standard Specifications.
 Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

| DATE: | REVISIONS |
|------------|-------------------|
| 12/04/2023 | REMOVE OLD DESIGN |



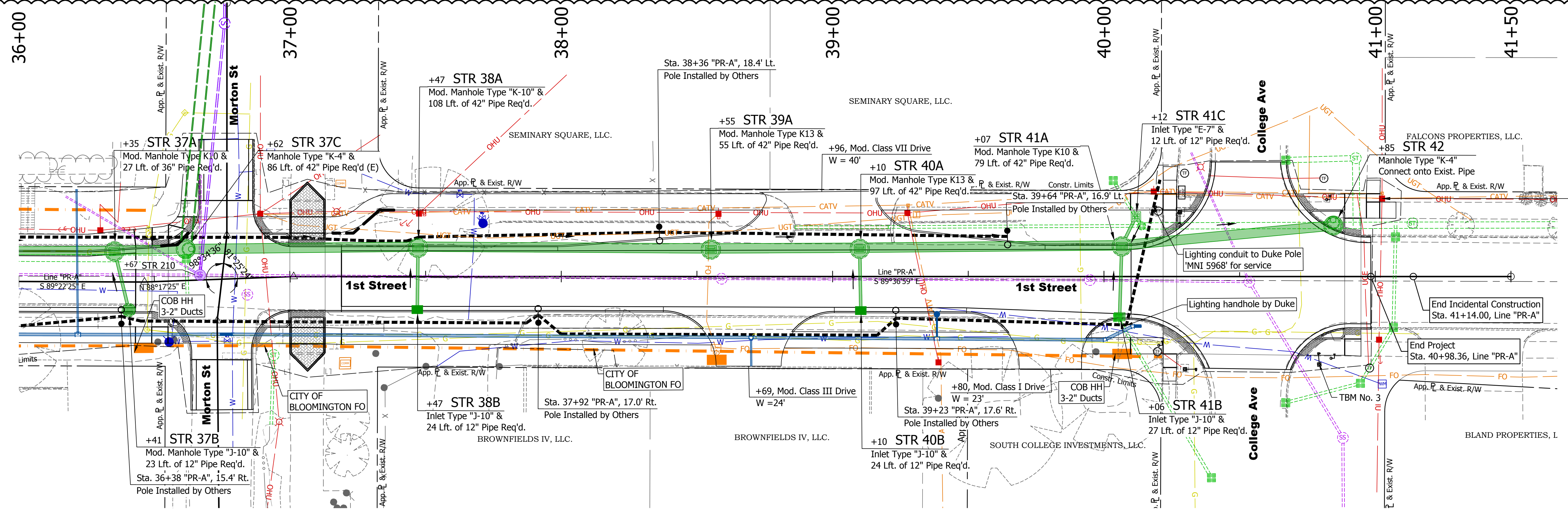
RECOMMENDED FOR APPROVAL
Christopher Waldner 12/4/2023
 Christopher Waldner DATE

DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

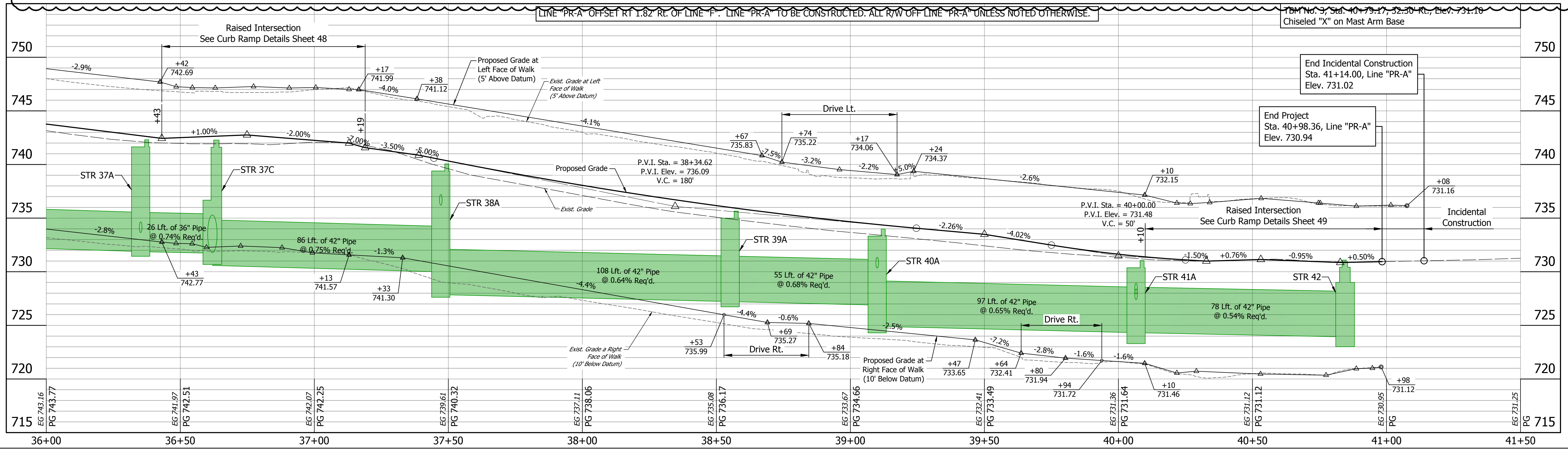
INDIANA DEPARTMENT OF TRANSPORTATION
 Plan and Profile Line "PR-A"

| | |
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| VERTICAL SCALE 1" = 5' | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 24 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
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 PLOTTED BY: ABUZZA
 DATE: Dec 04, 2023 - 2:03pm



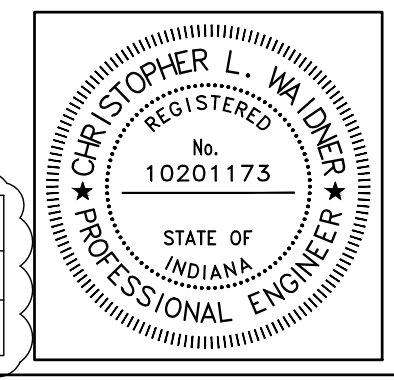
Utility pole to remain during storm structure installation. Duke will support in place. See work plan for details.



- LEGEND**
- Lighting poles and Foundations (By Others)
 - 2" Sched. 40 HDPE Lighting Conduit (In Contract)
 - City of Bloomington (COB) Fiber Optic Duct 4-4"
 - City of Bloomington (COB HH) Fiber Optic Handhole 30"x48"x24"

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Optic Conduit and Handholes per City of Bloomington Standard Specifications.
 Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

HMA Full Depth Patching, Type B (See City of Bloomington Patching Details)



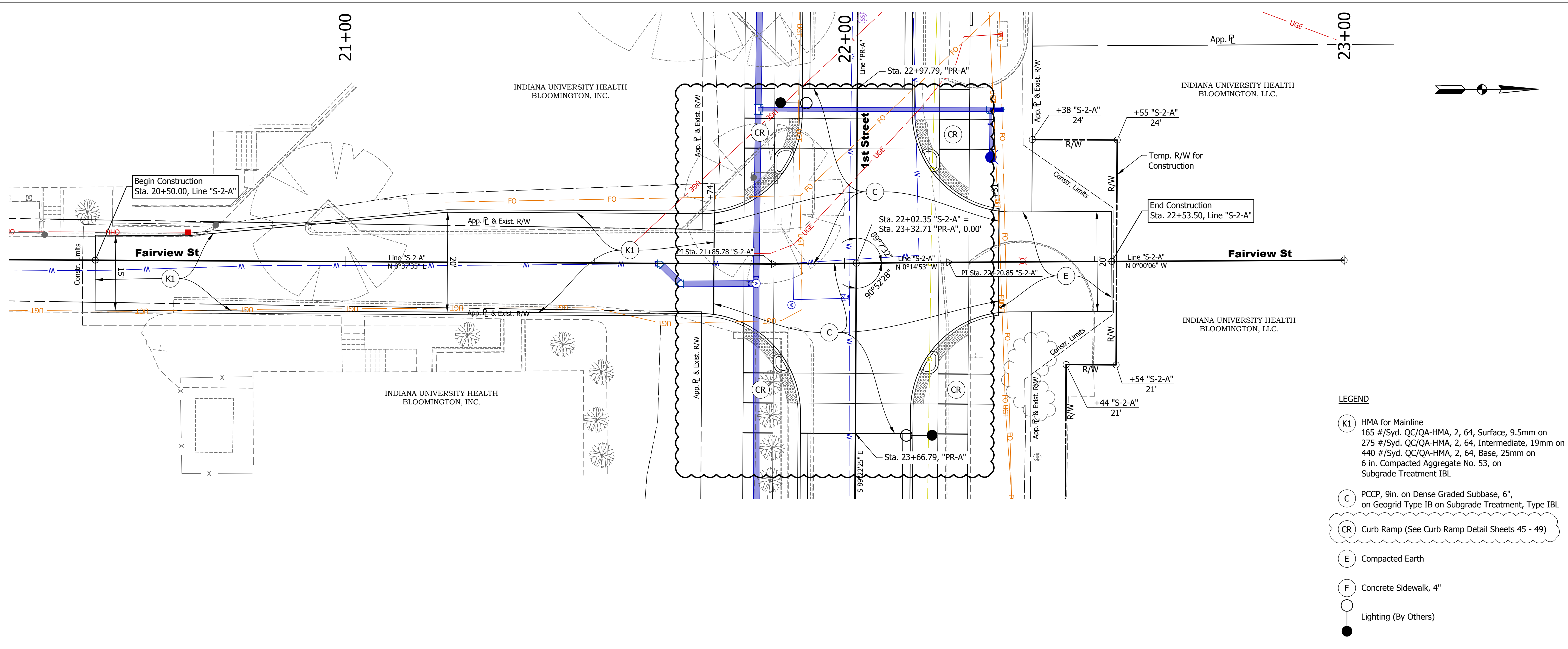
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| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION
 Plan and Profile
 Line "PR-A"

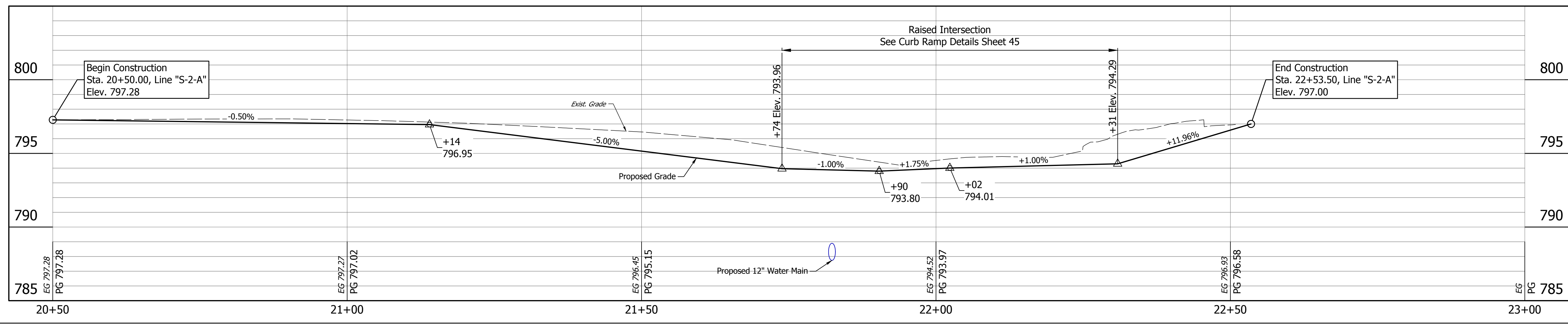
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| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 25 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

| DATE: | REVISIONS |
|------------|---|
| 12/04/2023 | UPDATE PIPE NETWORK AND LIGHT FOUNDATIONS |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 Plan and Profile (Side Streets).dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1/4"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 2:06pm



- LEGEND**
- (K1) HMA for Mainline
 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5mm on
 275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
 440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
 6 in. Compacted Aggregate No. 53, on
 Subgrade Treatment IBL
 - (C) PCCP, 9in. on Dense Graded Subbase, 6",
 on Geogrid Type IB on Subgrade Treatment, Type IBL
 - (CR) Curb Ramp (See Curb Ramp Detail Sheets 45 - 49)
 - (E) Compacted Earth
 - (F) Concrete Sidewalk, 4"
 - Lighting (By Others)



| DATE: | REVISIONS |
|------------|--------------------------------|
| 12/04/2023 | UPDATE CALLOUTS AND DRAW ORDER |

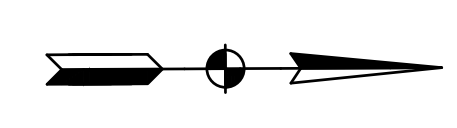
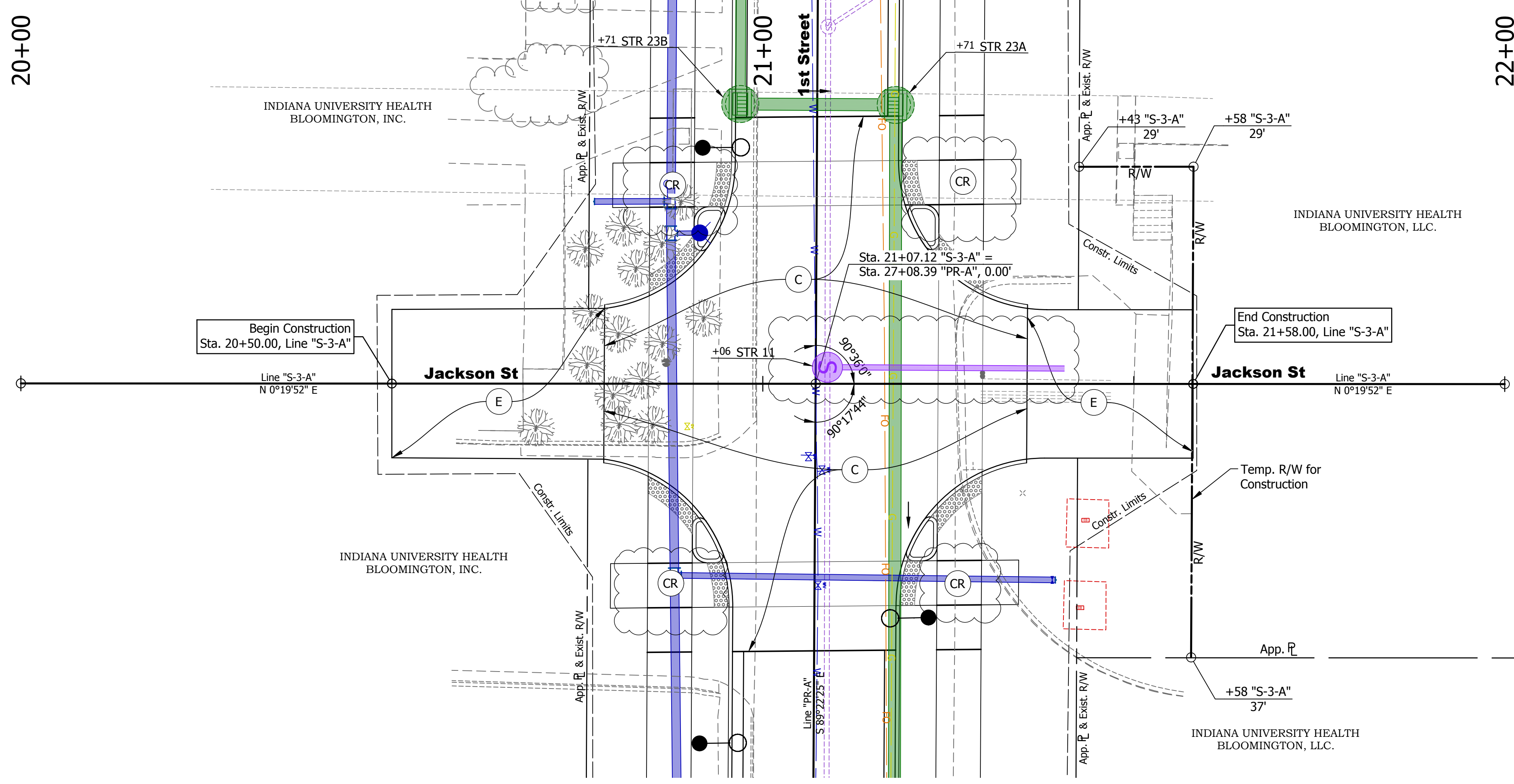


RECOMMENDED FOR APPROVAL: *Christopher L. Waldner* 12/4/2023
 Christopher Waldner DATE

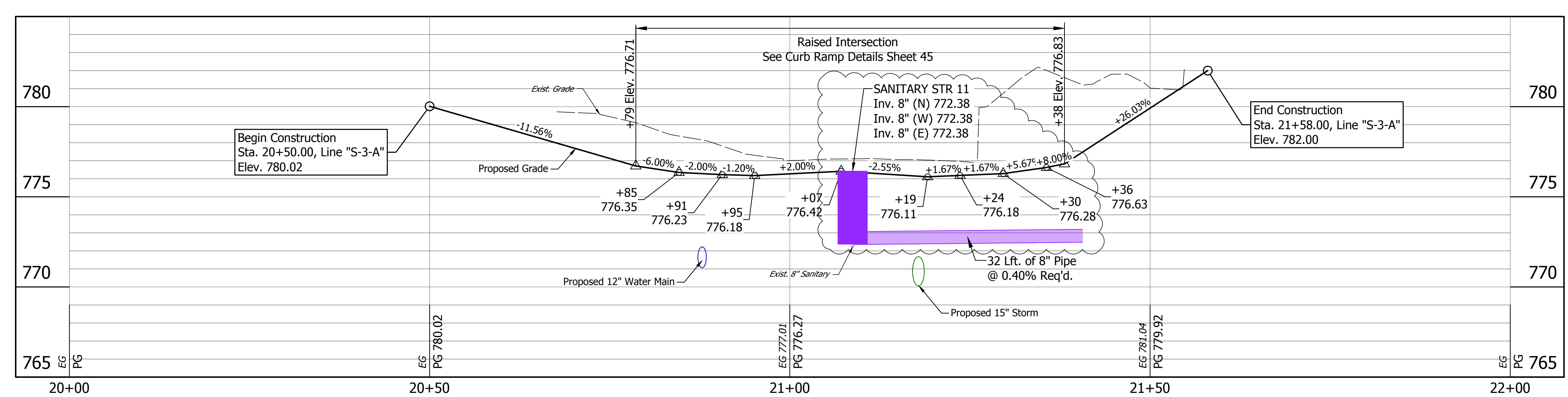
DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA DEPARTMENT OF TRANSPORTATION
 Plan and Profile
 Fairview Street - Line "S-2-A"

| | |
|------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 10' | BRIDGE FILE N/A |
| VERTICAL SCALE 1" = 4' | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 26 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

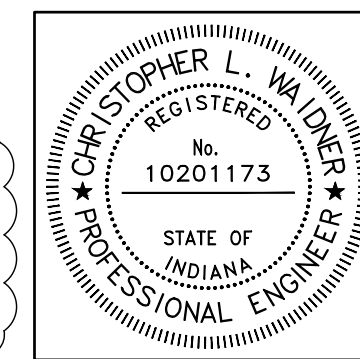


- LEGEND**
- (K1) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5mm on
275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
6 in. Compacted Aggregate No. 53, on
Subgrade Treatment IBL
 - (C) PCCP, 9in. on Dense Graded Subbase, 6",
on Geogrid Type IB on Subgrade Treatment, Type IBL
 - (CR) Curb Ramp (See Curb Ramp Detail Sheets 45 - 49)
 - (E) Compacted Earth
 - (F) Concrete Sidewalk, 4"
 - Lighting (By Others)



DIRECTORY: F:\2020\20-4421_Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421_Plan and Profile (Side Streets).dwg
 DIMSCALE: 1/4" = 10'
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 2:07pm

| DATE: | REVISIONS |
|------------|----------------------------------|
| 12/04/2023 | UPDATE CALLOUTS AND PIPE NETWORK |

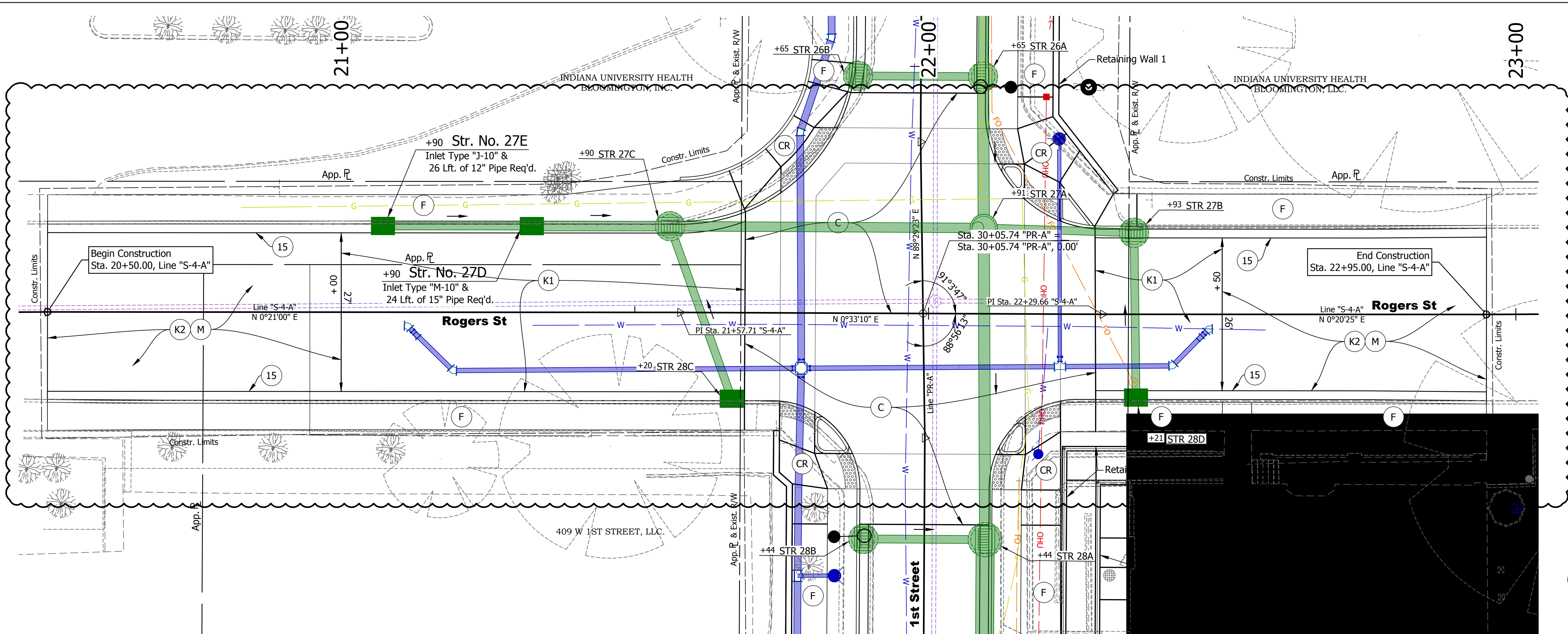


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

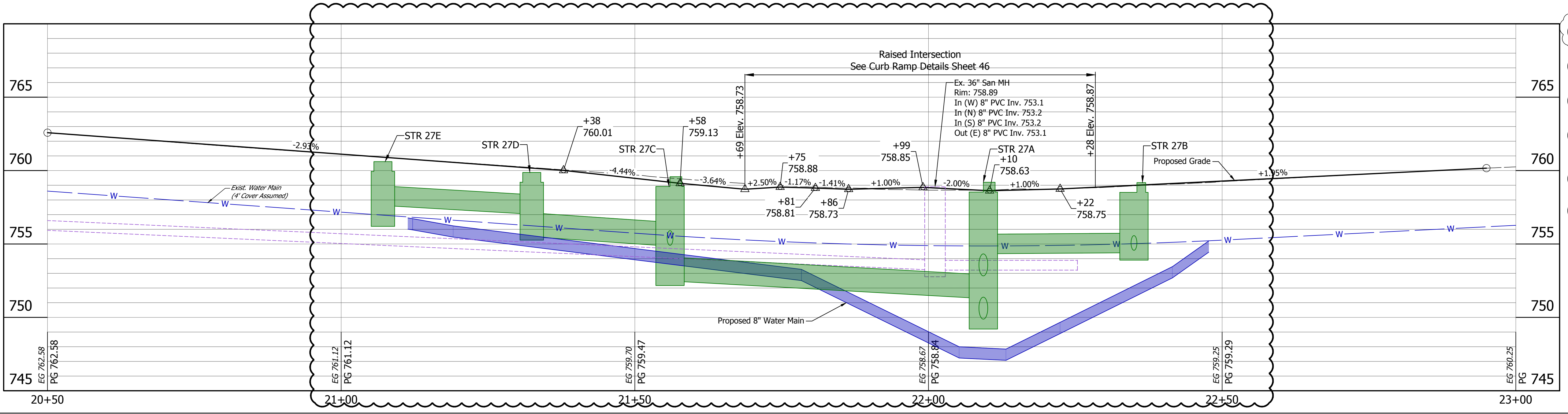
INDIANA DEPARTMENT OF TRANSPORTATION
 Plan and Profile
 Jackson Street - Line "S-3-A"

| | |
|------------------|-------------|
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| VERTICAL SCALE | DESIGNATION |
| 1" = 4' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 27 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

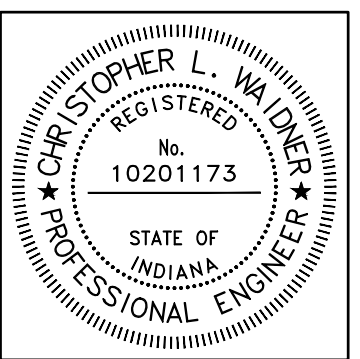
DIRECTORY: F:\2020\20-4421_Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
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 DIMSCALE: 1/4" = 1' LTSCALE: 1/4"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 2:08pm



- LEGEND**
- (K1) HMA for Mainline
 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5mm on
 275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
 440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
 6 in. Compacted Aggregate No. 53, on
 Subgrade Treatment IBL
 - (C) PCCP, 9in. on Dense Graded Subbase, 6",
 on Geogrid Type IB on Subgrade Treatment, Type IBL
 - (CR) Curb Ramp (See Curb Ramp Detail Sheets 45 - 49)
 - (E) Compacted Earth
 - (F) Concrete Sidewalk, 4"
 - (K2) 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5mm on
 1 1/2" Surface Milling
 - (M) Milling Asphalt, 1 1/2"
 - (15) Curb & Gutter, Concrete, Modified
 - (Lighting) Lighting (By Others)



| DATE: | REVISIONS |
|------------|----------------------------|
| 12/04/2023 | UPDATE DESIGN AND CALLOUTS |



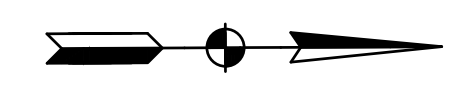
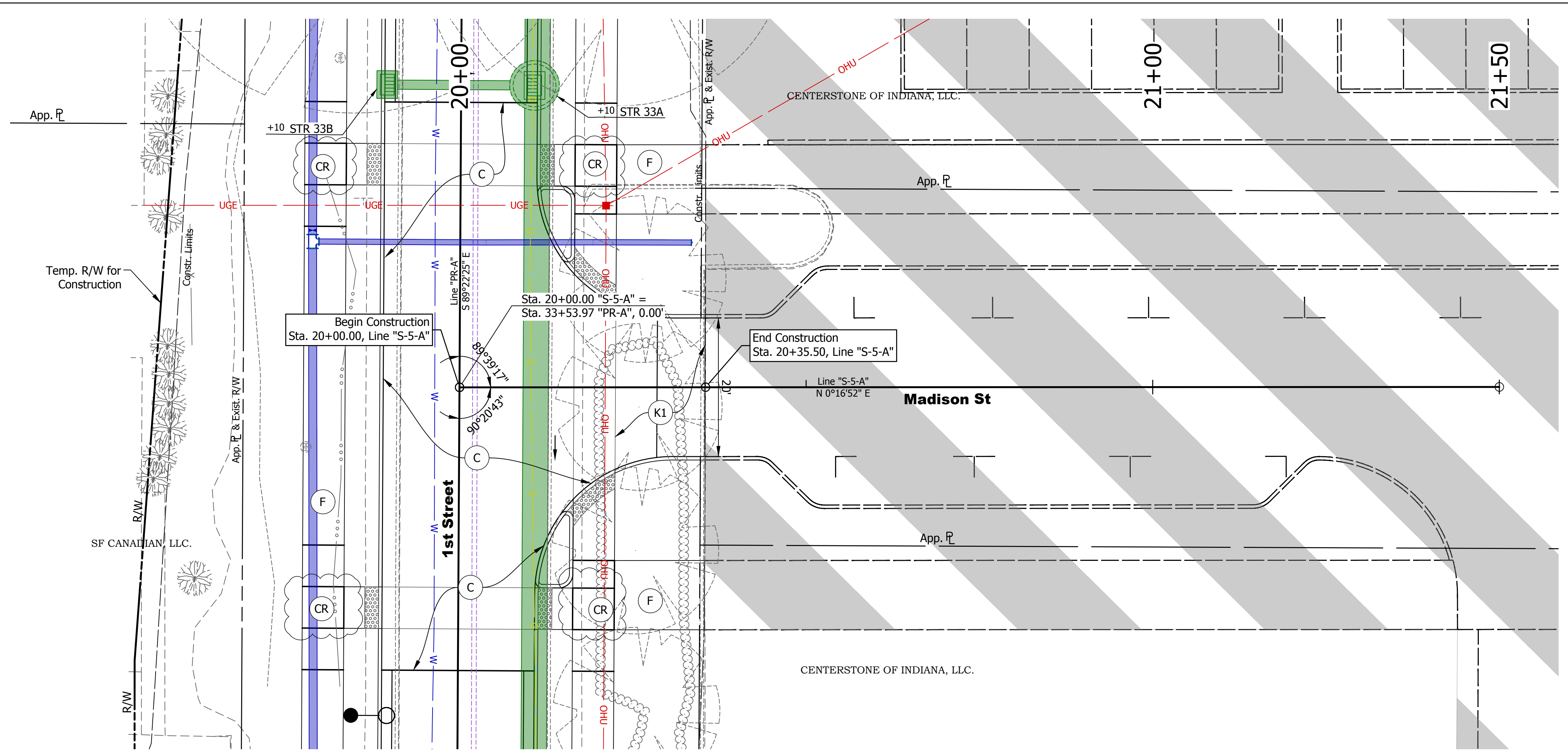
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| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

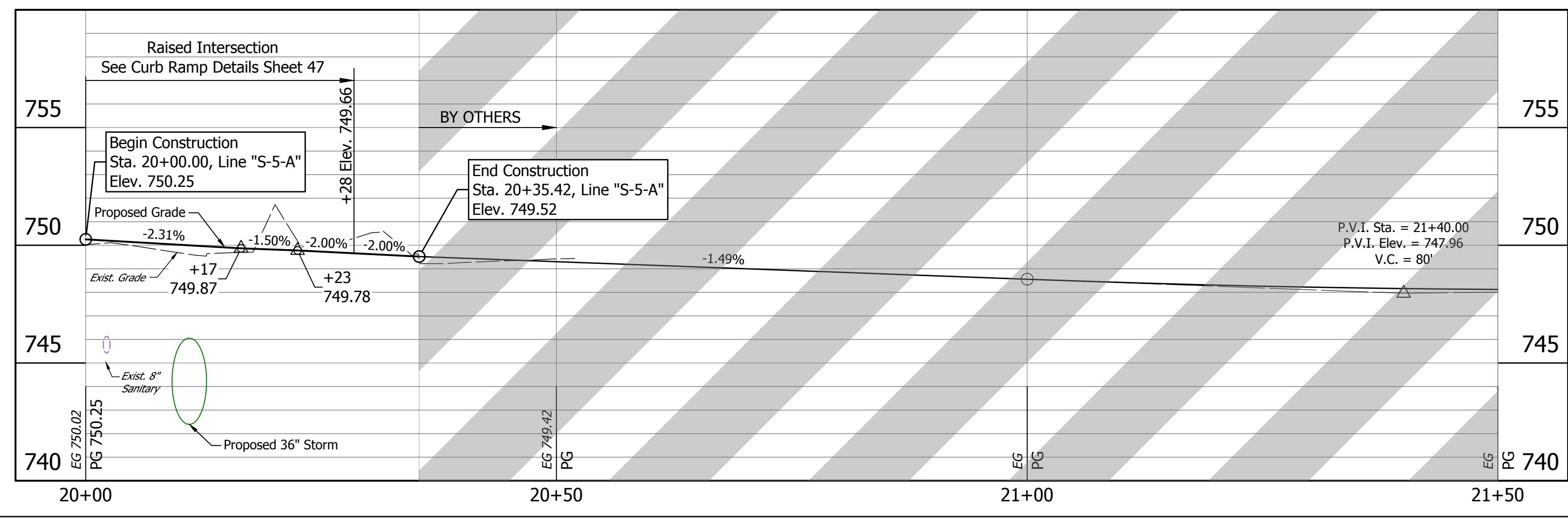
**Plan and Profile
 Rogers Street - Line "S-4-A"**

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 10' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 4' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 28 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 Plan and Profile (Side Streets).dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1/4"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 2:09pm



- LEGEND**
- (K1) HMA for Mainline
 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5mm on
 275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
 440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
 6 in. Compacted Aggregate No. 53, on
 Subgrade Treatment IBL
 - (C) PCCP, 9in. on Dense Graded Subbase, 6",
 on Geogrid Type IB on Subgrade Treatment, Type IBL
 - (CR) Curb Ramp (See Curb Ramp Detail Sheets 45 - 49)
 - (E) Compacted Earth
 - (F) Concrete Sidewalk, 4"
 - (15) Curb & Gutter, Concrete, Modified
 - (Lighting Symbol) Lighting (By Others)



| DATE: | REVISIONS |
|------------|-----------------|
| 12/04/2023 | UPDATE CALLOUTS |



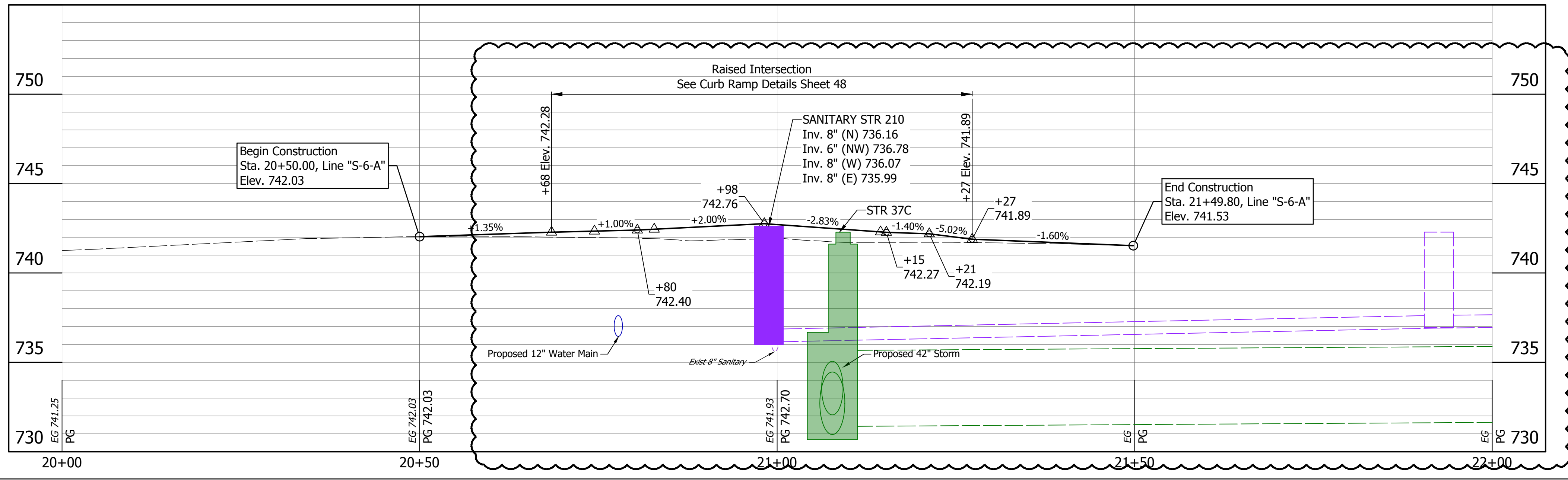
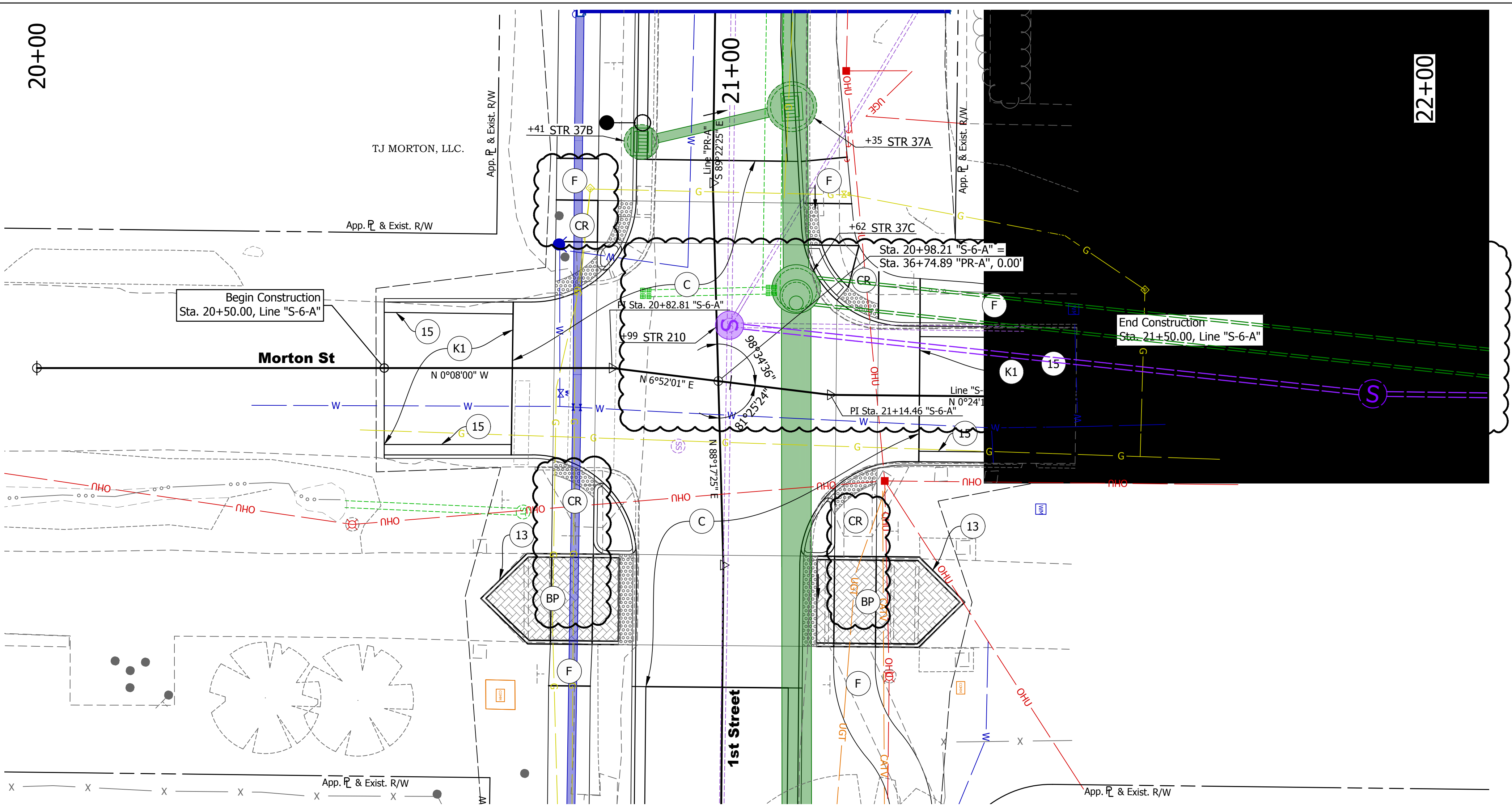
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| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

**Plan and Profile
 Madison Street - Line "S-5-A"**

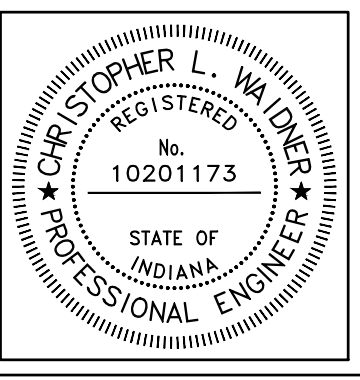
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| HORIZONTAL SCALE 1" = 10' | BRIDGE FILE N/A |
| VERTICAL SCALE 1" = 4' | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 29 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 Plan and Profile (Side Streets).dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1/8"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 2:11pm



- LEGEND**
- (K1) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5mm on
275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
6 in. Compacted Aggregate No. 53, on
Subgrade Treatment IBL
 - (BP) Brick Pavers
 - (C) PCCP, 9in. on Dense Graded Subbase, 6",
on Geogrid Type IB on Subgrade Treatment, Type IBL
 - (CR) Curb Ramp (See Curb Ramp Detail Sheets 45 - 49)
 - (E) Compacted Earth
 - (F) Concrete Sidewalk, 4"
 - (13) Curb, Concrete
 - (15) Curb & Gutter, Concrete, Modified
 - (Lighting) Lighting (By Others)

| DATE: | REVISIONS |
|------------|----------------------------------|
| 12/04/2023 | UPDATE CALLOUTS AND PIPE NETWORK |



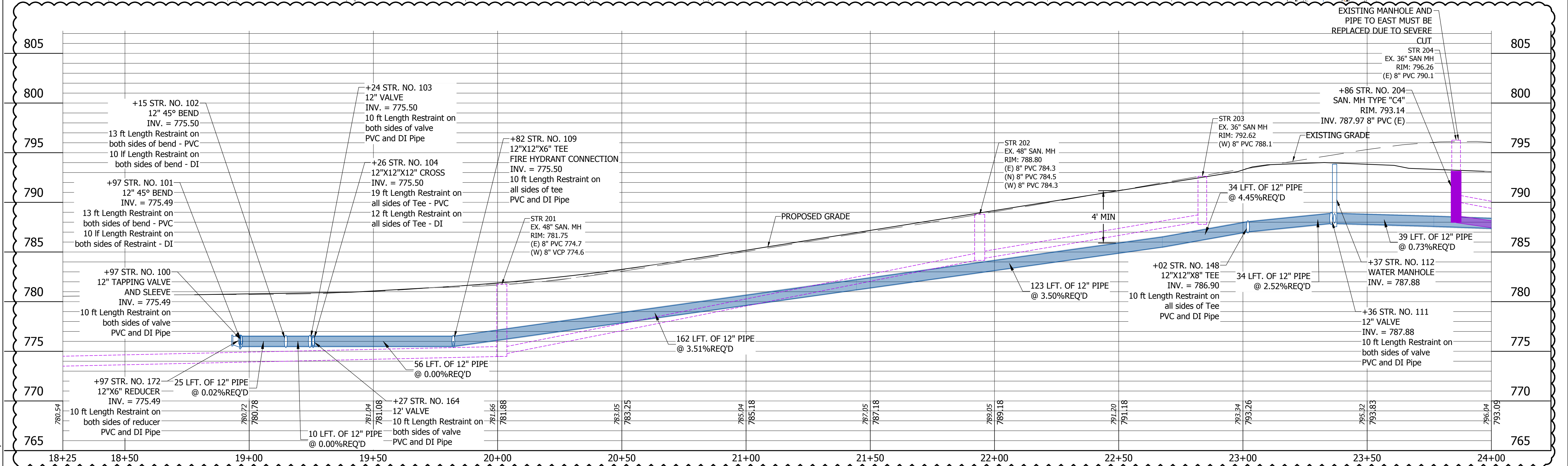
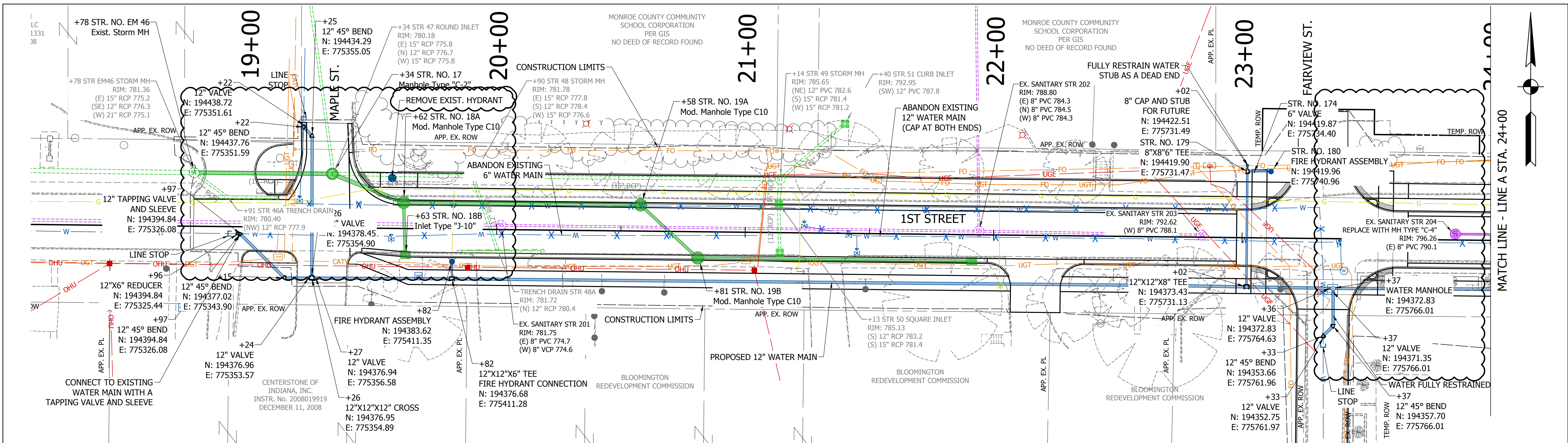
RECOMMENDED FOR APPROVAL: *Christopher L. Waldner* 12/4/2023
 Christopher Waldner DATE

DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA DEPARTMENT OF TRANSPORTATION
 Plan and Profile
 Morton Street - Line "S-6-A"

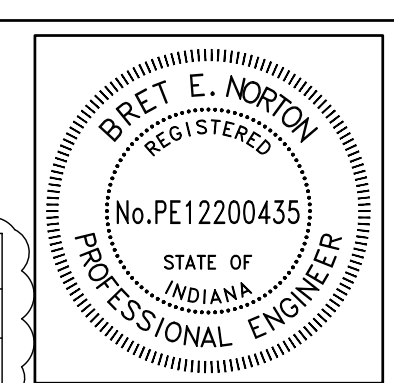
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|------------------|-------------|
| 1" = 10' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 4' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 30 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 plan and profiles water.dwg
 DIMSCALE: 1/16"=1'-0"
 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 7:18pm



- NOTE:
- EXISTING SANITARY SEWER HAS BEEN LINED, PROTECT IN PLACE.
 - EXISTING WATER MAIN IN 1ST ST IS AN OLD 6" CAST IRON AND MAY BE OVER SIZED LEAD JOINT. CONTRACTOR MUST VERIFY PRIOR TO ORDERING ANY FITTINGS FOR CONNECTING BACK INTO THE EXISTING MAIN.
 - SERVICE CONNECTIONS TO THE SEWER MAIN SHALL BE WATER TIGHT AND SHALL NOT PROTRUDE INTO THE SEWER. ALL SADDLE TYPE CONNECTIONS USED, THEY SHALL BE A DEVICE DESIGNED TO JOIN WITH THE TYPES OF PIPE WHICH ARE TO BE CONNECTED. ALL MATERIALS USED TO MAKE SERVICE CONNECTIONS SHALL BE COMPATIBLE WITH EACH OTHER AND WITH THE PIPE MATERIALS TO BE JOINED AND SHALL BE CORROSION PROOF.
 - CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR TRANSFER OF EXISTING SERVICE TO PROPOSED.
 - WATER MAIN JOINTS SHALL BE EQUAL DISTANCE FROM THE CENTERLINE OF SEWERS IN ANY CROSSING.

| DATE: | REVISIONS |
|------------|--------------------------|
| 12/04/2023 | UPDATE DESIGN AND LABELS |

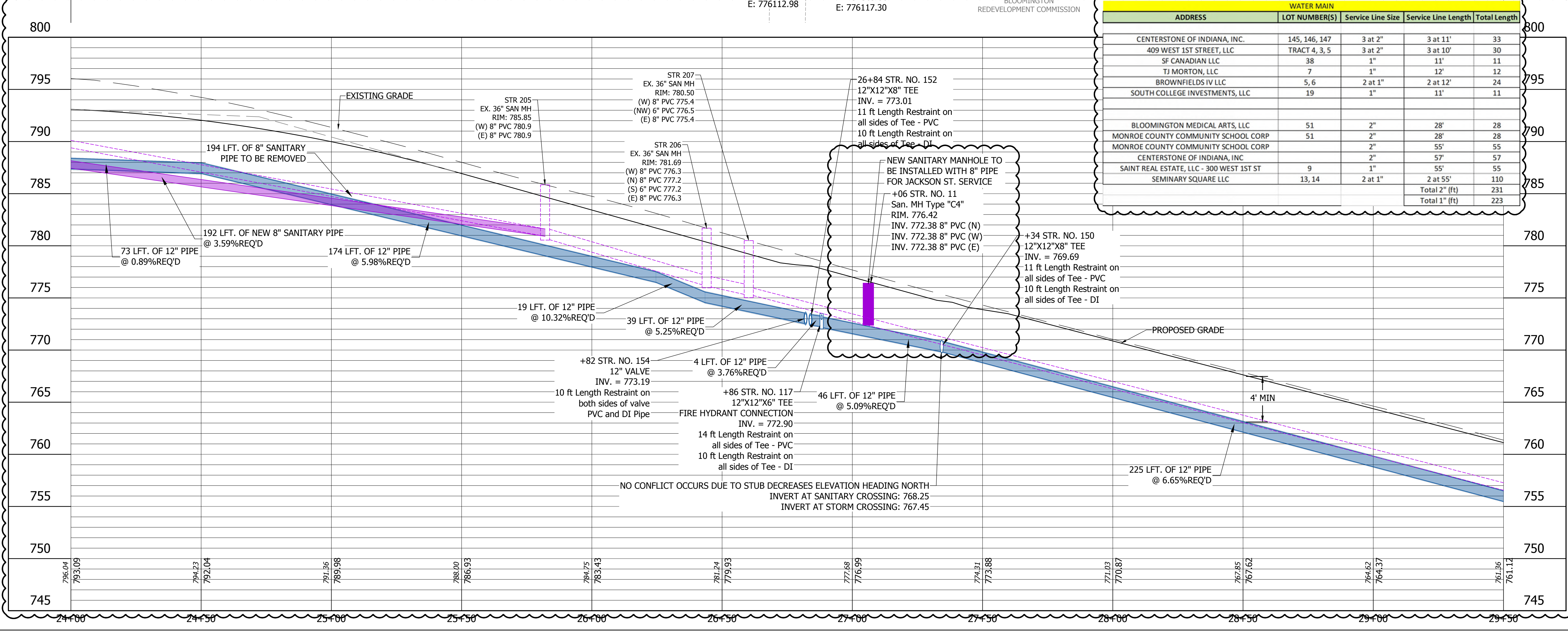
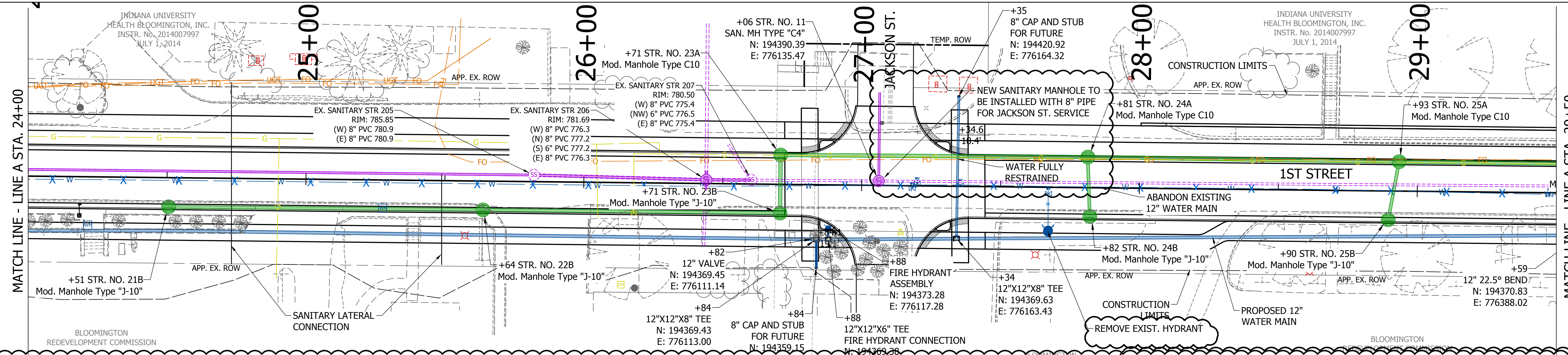


| | | |
|--------------------------|-----------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Bret E. Norton</i> | 12/4/2023 |
| DESIGNED: | BEN | DRAWN: |
| CHECKED: | BEN | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE WATER MAIN

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1"=20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1"=5' | 1900399 |
| SURVEY BOOK | SHEETS |
| | 31 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

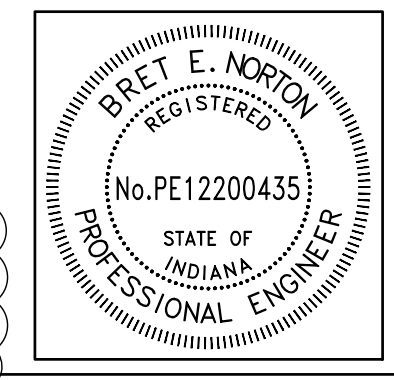
DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 plan and profiles water.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 7:18pm



| WATER MAIN | | | | |
|--|---------------|-------------------|---------------------|--------------|
| ADDRESS | LOT NUMBER(S) | Service Line Size | Service Line Length | Total Length |
| CENTERSTONE OF INDIANA, INC. | 145, 146, 147 | 3 at 2" | 3 at 11' | 33 |
| 409 WEST 1ST STREET, LLC | TRACT 4, 3, 5 | 3 at 2" | 3 at 10' | 30 |
| SF CANADIAN LLC | 38 | 1" | 11' | 11 |
| TJ MORTON, LLC | 7 | 1" | 12' | 12 |
| BROWNFIELD'S IV LLC | 5, 6 | 2 at 1" | 2 at 12' | 24 |
| SOUTH COLLEGE INVESTMENTS, LLC | 19 | 1" | 11' | 11 |
| | | | | |
| BLOOMINGTON MEDICAL ARTS, LLC | 51 | 2" | 28' | 28 |
| MONROE COUNTY COMMUNITY SCHOOL CORP | 51 | 2" | 28' | 28 |
| MONROE COUNTY COMMUNITY SCHOOL CORP | | 2" | 55' | 55 |
| CENTERSTONE OF INDIANA, INC | | 2" | 57' | 57 |
| SAINT REAL ESTATE, LLC - 300 WEST 1ST ST | 9 | 1" | 55' | 55 |
| SEMINARY SQUARE LLC | 13, 14 | 2 at 1" | 2 at 55' | 110 |
| | | | Total 2" (ft) | 231 |
| | | | Total 1" (ft) | 223 |

- NOTE:
- EXISTING SANITARY SEWER HAS BEEN LINED, PROTECT IN PLACE.
 - EXISTING WATER MAIN IN 1ST ST IS AN OLD 6" CAST IRON AND MAY BE OVER SIZED LEAD JOINT. CONTRACTOR MUST VERIFY PRIOR TO ORDERING ANY FITTINGS FOR CONNECTING BACK INTO THE EXISTING MAIN.
 - SERVICE CONNECTIONS TO THE SEWER MAIN SHALL BE WATER TIGHT AND SHALL NOT PROTRUDE INTO THE SEWER. ALL SADDLE TYPE CONNECTIONS USED, THEY SHALL BE A DEVICE DESIGNED TO JOIN WITH THE TYPES OF PIPE WHICH ARE TO BE CONNECTED. ALL MATERIALS USED TO MAKE SERVICE CONNECTIONS SHALL BE COMPATIBLE WITH EACH OTHER AND WITH THE PIPE MATERIALS TO BE JOINED AND SHALL BE CORROSION PROOF.
 - CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR TRANSFER OF EXISTING SERVICE TO PROPOSED.
 - WATER MAIN JOINTS SHALL BE EQUAL DISTANCE FROM THE CENTERLINE OF SEWERS IN ANY CROSSING.

| DATE: | REVISIONS |
|------------|---------------------------------|
| 12/04/2023 | UPDATE TABLE, LABELS AND DESIGN |

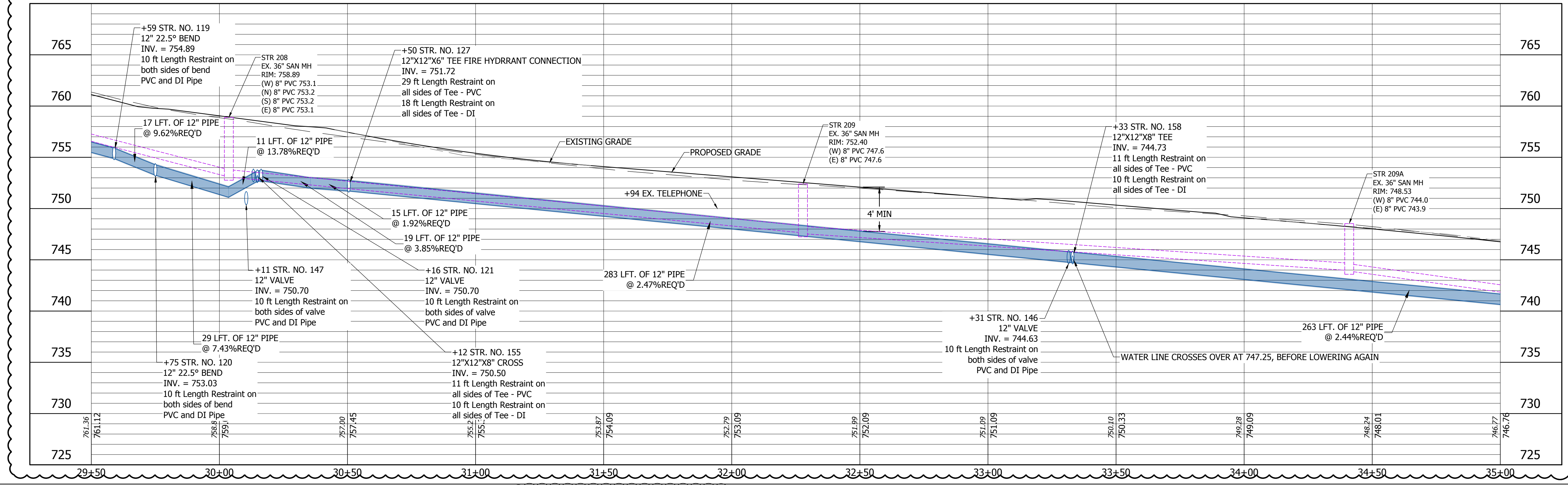
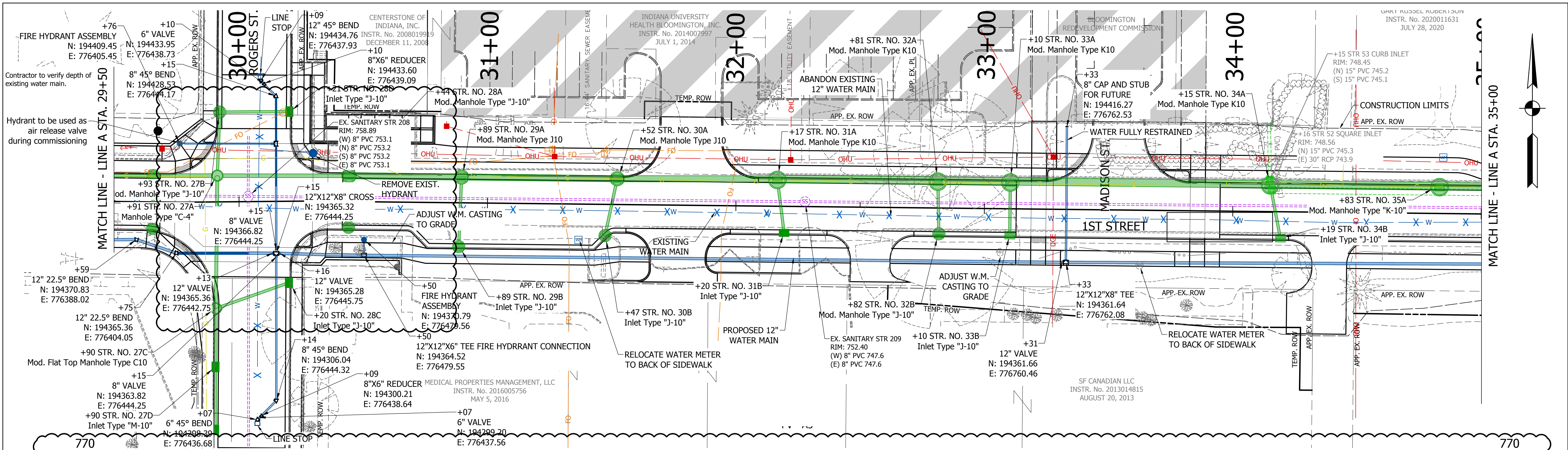


| | | | |
|--------------------------|-----------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | <i>Bret E. Norton</i> | 12/4/2023 | DATE |
| DESIGNED: | BEN | DRAWN: | CAB |
| CHECKED: | BEN | CHECKED: | BEN |

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE
 WATER MAIN

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1"=20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1"=5' | 1900399 |
| SURVEY BOOK | SHEETS |
| | 32 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 plan and profiles water.dwg
 DIMSCALE: 1/8"=1'-0"
 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 7:18pm



- NOTE:
- EXISTING SANITARY SEWER HAS BEEN LINED, PROTECT IN PLACE.
 - EXISTING WATER MAIN IN 1ST ST IS AN OLD 6" CAST IRON AND MAY BE OVER SIZED LEAD JOINT. CONTRACTOR MUST VERIFY PRIOR TO ORDERING ANY FITTINGS FOR CONNECTING BACK INTO THE EXISTING MAIN.
 - CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR TRANSFER OF EXISTING SERVICE TO PROPOSED.
 - WATER MAIN JOINTS SHALL BE EQUAL DISTANCE FROM THE CENTERLINE OF SEWERS IN ANY CROSSING.

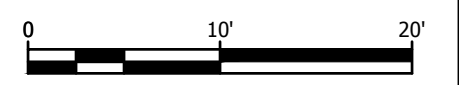
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|------------|--------------------------|
| 12/04/2023 | UPDATE DESIGN AND LABELS |



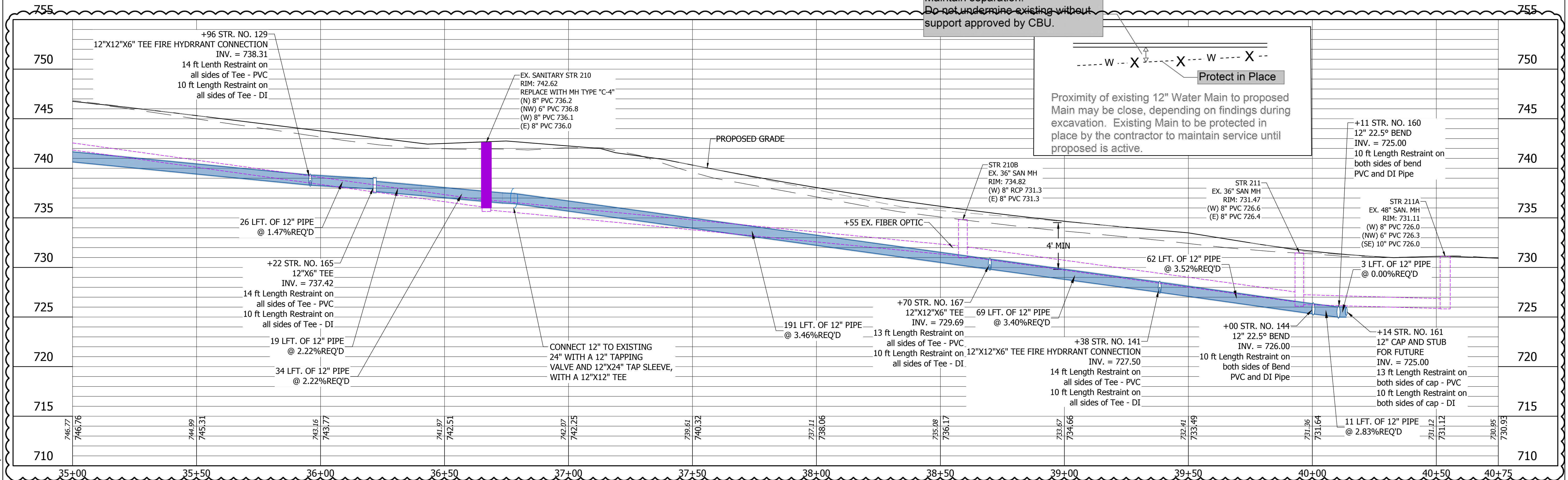
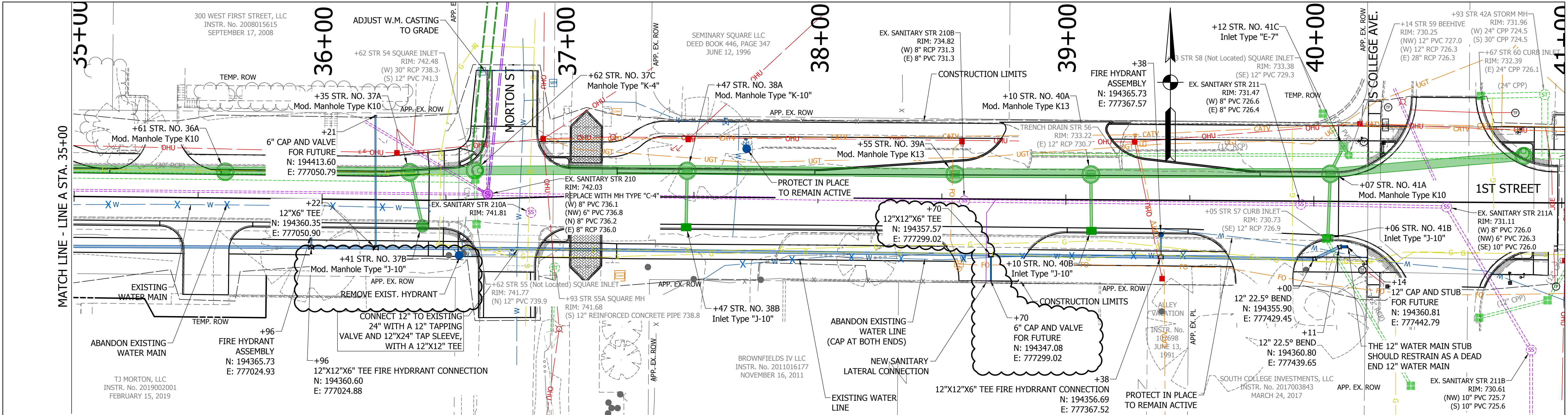
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| RECOMMENDED FOR APPROVAL | <i>Bret E Norton</i> | 12/4/2023 |
| DESIGNED: | BEN | DRAWN: |
| CHECKED: | BEN | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE WATER MAIN

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1"=20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1"=5' | 1900399 |
| SURVEY BOOK | SHEETS |
| | 33 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\03 Plan and Profiles
 FILE: 4421 plan and profiles water.dwg
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 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 7:27pm



NOTE:
 1. EXISTING SANITARY SEWER HAS BEEN LINED, PROTECT IN PLACE.
 2. EXISTING WATER MAIN IN 1ST ST IS AN OLD 6\"/>

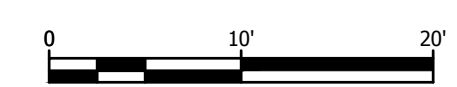
| DATE: | REVISIONS |
|------------|--------------------------|
| 12/04/2023 | UPDATE LABELS AND DESIGN |



| | | |
|--------------------------|----------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Bret E Norton</i> | 12/4/2023 |
| DESIGNED: | BEN | DRAWN: |
| CHECKED: | BEN | CHECKED: |

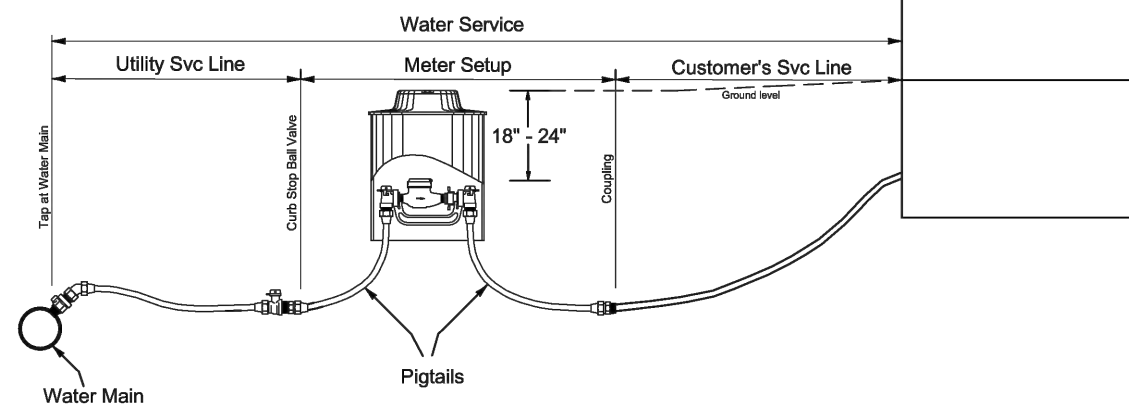
INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE
WATER MAIN

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1"=20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1"=5' | 1900399 |
| SURVEY BOOK | SHEETS |
| | 34 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



City of Bloomington Utilities
Typical Standard for
Water System Nomenclature

STANDARD METER PIT DIAMETERS:
SINGLE 1" YOKE- 24"
SINGLE 2" YOKE- 30"
MULTIPLE YOKES- DETERMINED CASE
BY CASE

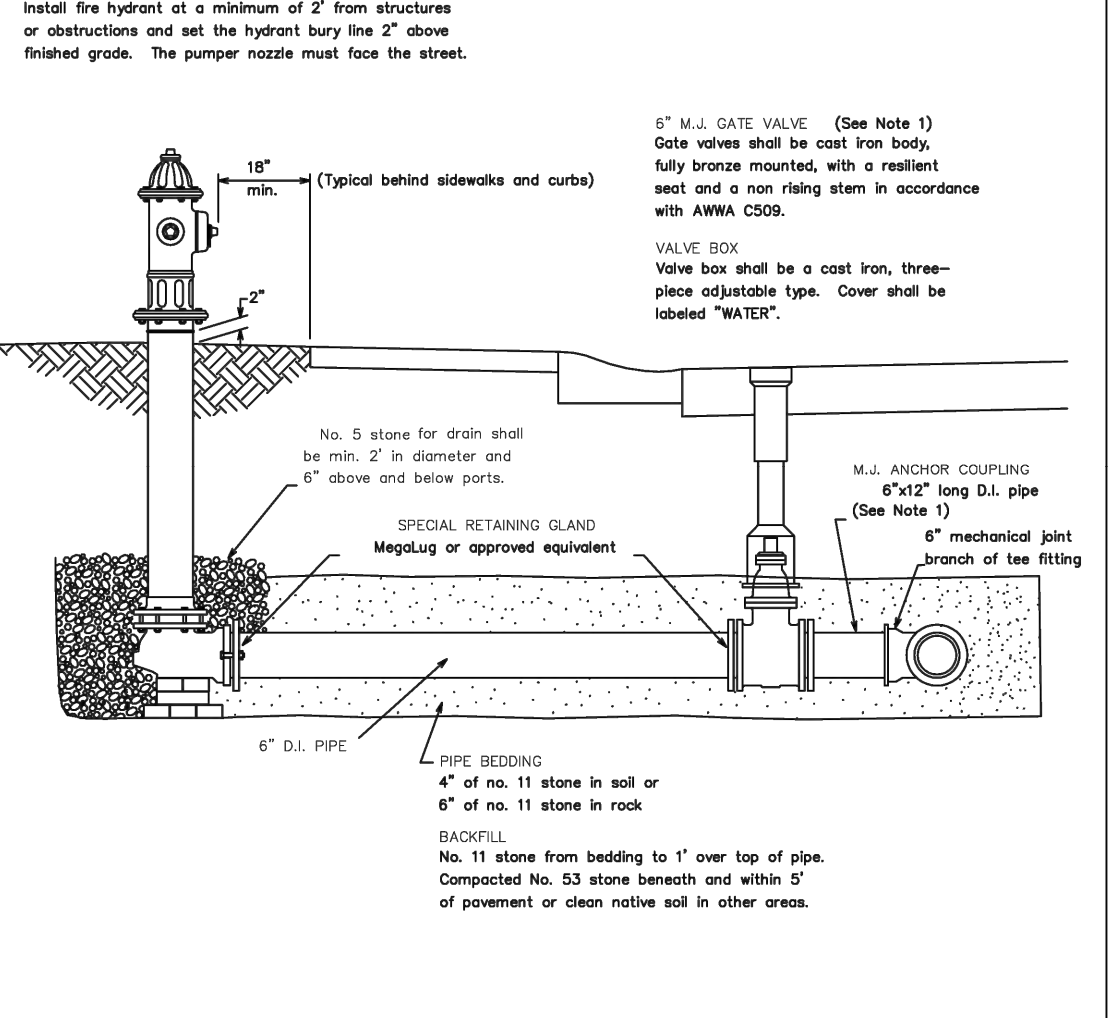


City of Bloomington Utilities Engineering Department
Drawing File: I:\COMMON\STANDARD DRAWINGS\STD10.dwg
NO SCALE
9/7/08
M. Hicks

WATER SYSTEM NOMENCLATURE

STANDARD
DETAIL
NUMBER **10**

City of Bloomington Utilities
Typical Standard for
Water System Nomenclature



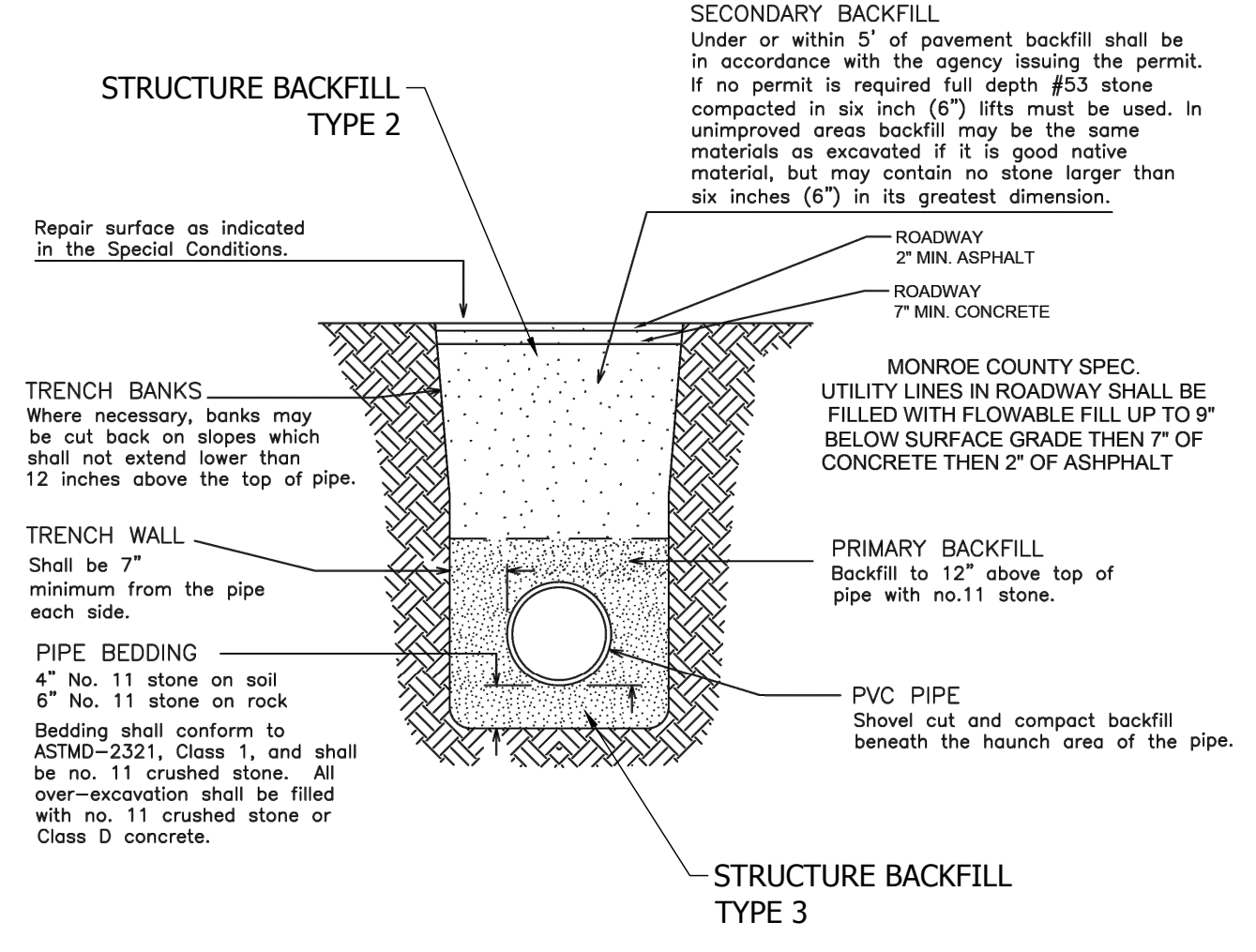
REVISED 02/15/2011 G.N.
REVISED 02/23/2010 T.L.
REVISED 02/08/2008 T.A.

City of Bloomington Utilities Engineering Department
Drawing File: I:\COMMON\STANDARD DRAWINGS\STD10.dwg
NO SCALE
9/7/08
M. Hicks

**STANDARD FIRE HYDRANT
AND CONNECTION DETAIL**

STANDARD
DETAIL
NUMBER **8**

TYPICAL TRENCH SECTION

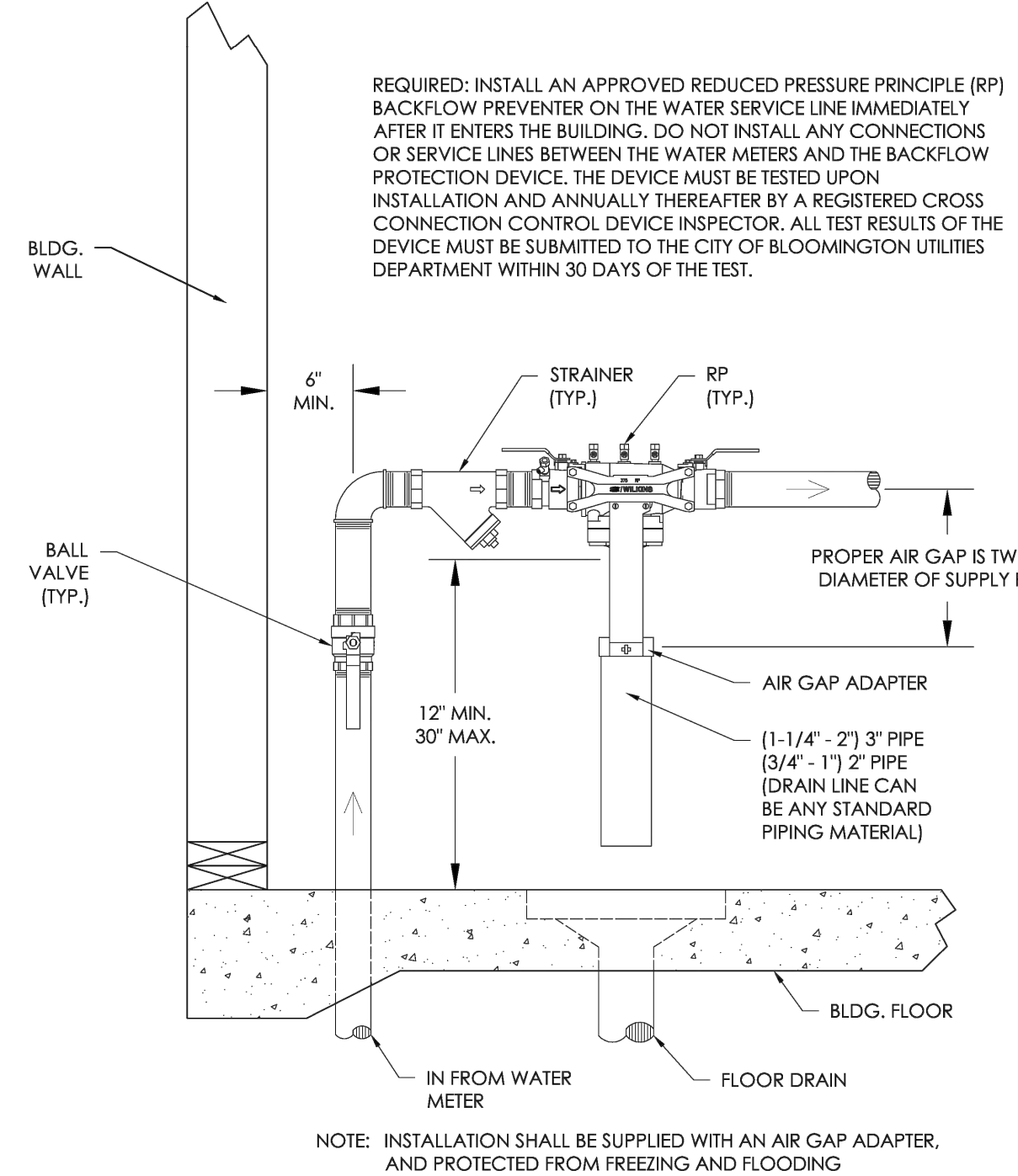


Revised 5/14/2019
Revised 2/11/2011
Revised 2/13/2008

**BEDDING AND BACKFILL DETAIL
FOR
RIGID, PVC AND HDPE PIPE**

STANDARD
DETAIL
NUMBER **11**

NO SCALE
10/5/98



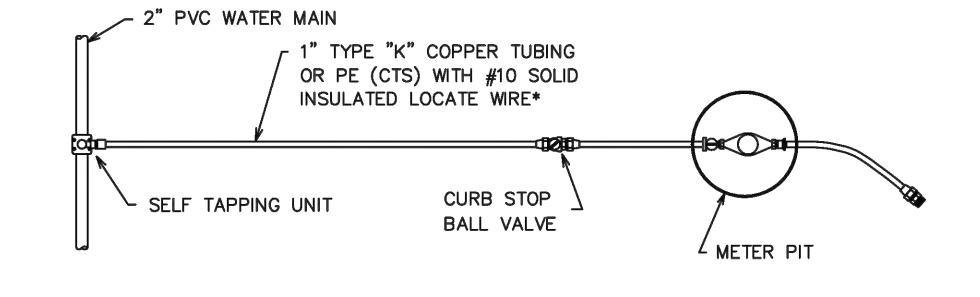
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City of Bloomington Utilities Engineering Department
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09/20/2018

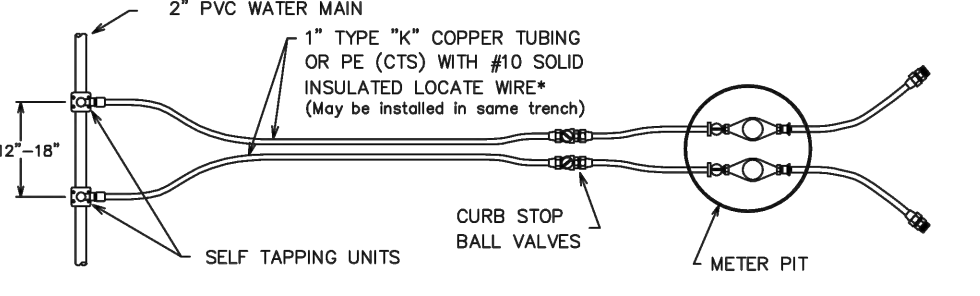
**STANDARD REDUCED PRESSURE PRINCIPLE
BACKFLOW PREVENTER 3/4" THROUGH 12"
INDOOR INSTALLATION DETAIL**

STANDARD
DETAIL
NUMBER **31**

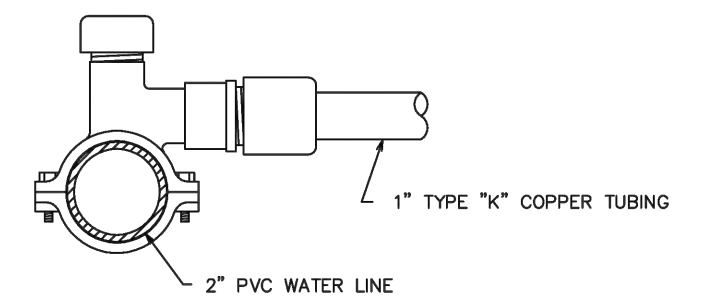
WATER SERVICE FROM A 2" PVC WATER MAIN TO A SINGLE METER SETUP



WATER SERVICE FROM A 2" PVC WATER MAIN TO A DOUBLE METER SETUP



SELF TAPPING UNIT WITH COMPRESSION CONNECTOR OUTLET
(2" MAIN X 1" COPPER TUBING STYLE)

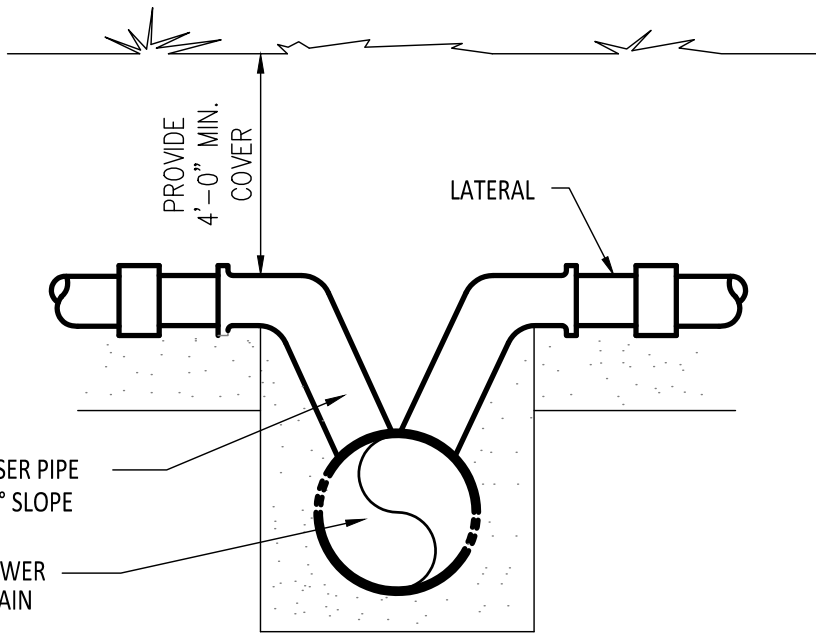


DRAWING FILE:
I:\COMMON\STANDARD DRAWINGS\STD15.DWG * SEE CBU CONSTRUCTION SPEC. SECTION 4.4.4.1.2

City of Bloomington Utilities Engineering Department
NO SCALE
1-20-17
by G.A.N.

**STANDARD WATER SERVICE
FROM A 2" PVC WATER MAIN**

STANDARD
DETAIL
NUMBER **15**



SEWER LATERAL CONNECTION
NOT TO SCALE

- NOTES:
1. PROPER FITTINGS SHALL BE USED FOR ALL CHANGES IN LINE AND GRADE.
 2. ALL LATERALS SHALL BE EXTENDED THE EDGE OF THE RIGHT-OF-WAY AND MARKED WITH A TREATED 2X4 WITH YELLOW PAINT AND EXTENDED MINIMUM OF 2" ABOVE GROUND.
 3. REQUIRED SLOPE ON SEWER LATERALS SHALL BE A MINIMUM OF 2% OR 1/4" PER FOOT OF PIPE COVER OVER LATERALS SHALL BE A MINIMUM OF 4'.
 4. TAPPING THE SEWER AND SEALING THE OPENING AFTER INSTALLATION OF THE LATERAL MUST BE MADE TO THE CITY'S STANDARDS.

- GENERAL NOTES:
1. NEW LINE WILL BE INSTALLED AND DISINFECTED. ONCE BAC-T TESTS HAVE PASSED, THE SERVICE LINES WILL CONNECT TO EXISTING WHILE RELOCATING METERS INTO NEW BOXES. THE EXISTING LINE WILL BE CAPPED AND ABANDONED.
 2. EXISTING LINE WILL BE ABANDONED UNLESS DIRECTED OTHERWISE.
 3. RESTRAINT JOINTS WILL BE USED ON ALL TEE AND 90 FITTINGS. THIS WILL INCLUDE ON FIRE HYDRANT TEE WHICH WILL PLACE THEM AT LEAST EVERY 500 FT.
 4. WE HAVE CHECKED FOR CONFLICTS, IF UNKNOWN UTILITIES ARE LOCATED DURING CONSTRUCTION, THE WATER MAIN WILL BE ADJUSTED.
 5. DURING THE CONNECTION OF THE NEW SERVICE LINES, THE METERS WILL BE RELOCATED AND NEW METER PITS PUT IN.

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\09 Misc. Details\
 FILE: 4421 water details.dwg
 DIMSCALE: 20 LTSCALE: 1
 PLOTTED BY: Abuza
 DATE: Jun 13, 2023 - 12:09pm

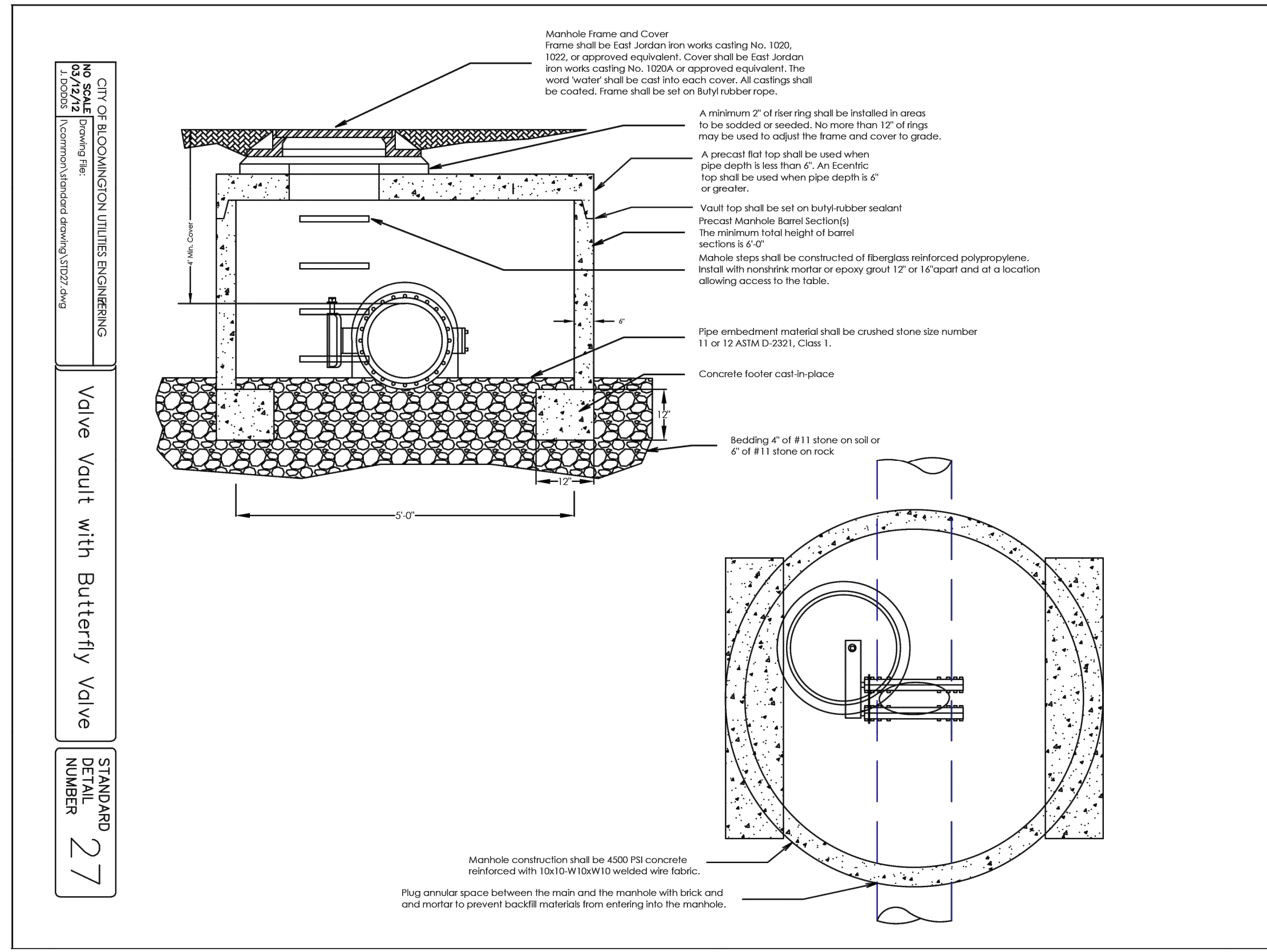


| | | |
|--------------------------|----------------------|------------|
| RECOMMENDED FOR APPROVAL | <i>Bret E Norton</i> | 04/05/2023 |
| DESIGNED: | BEN | DRAWN: |
| CHECKED: | BEN | CHECKED: |

INDIANA
DEPARTMENT OF TRANSPORTATION

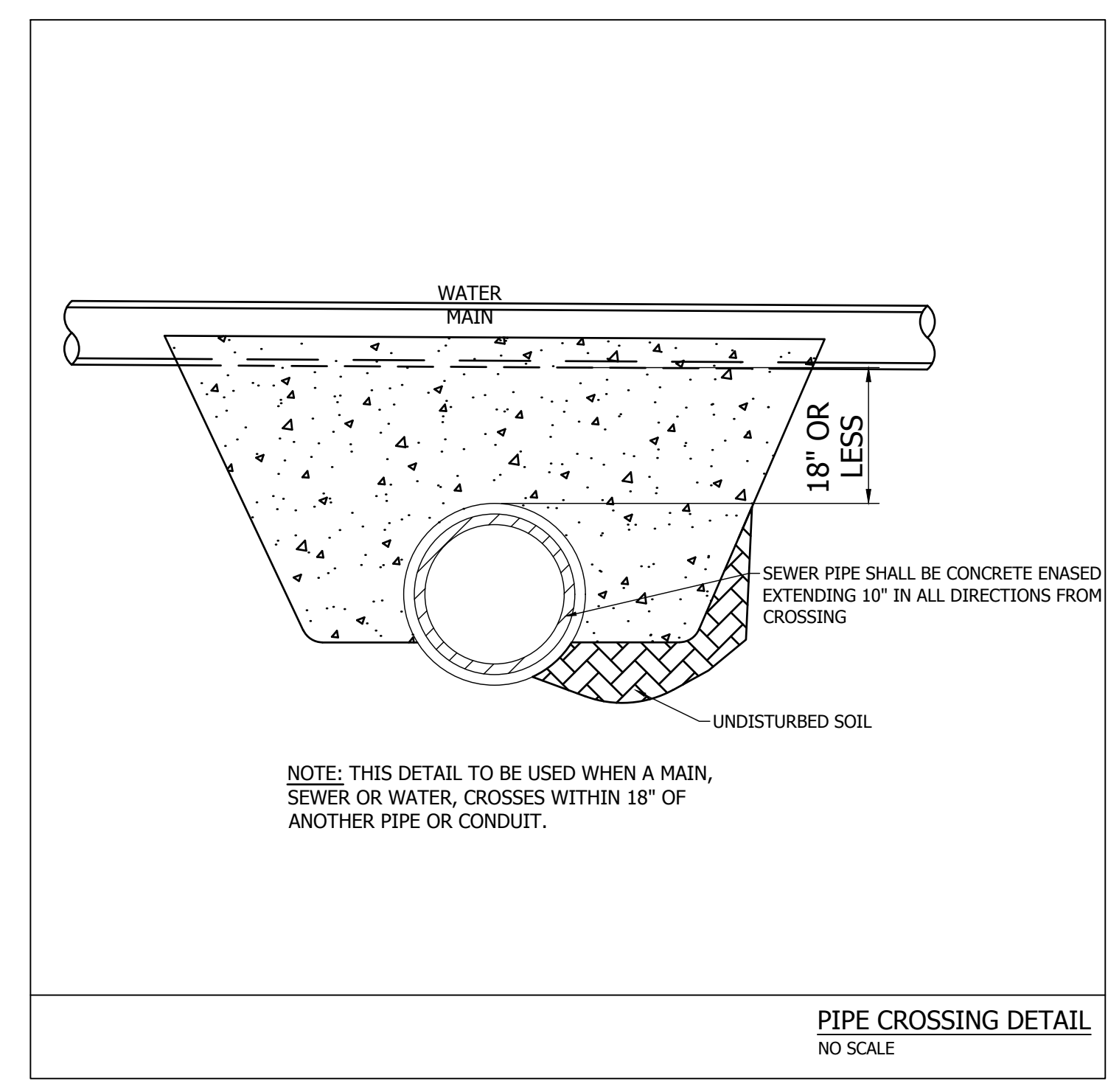
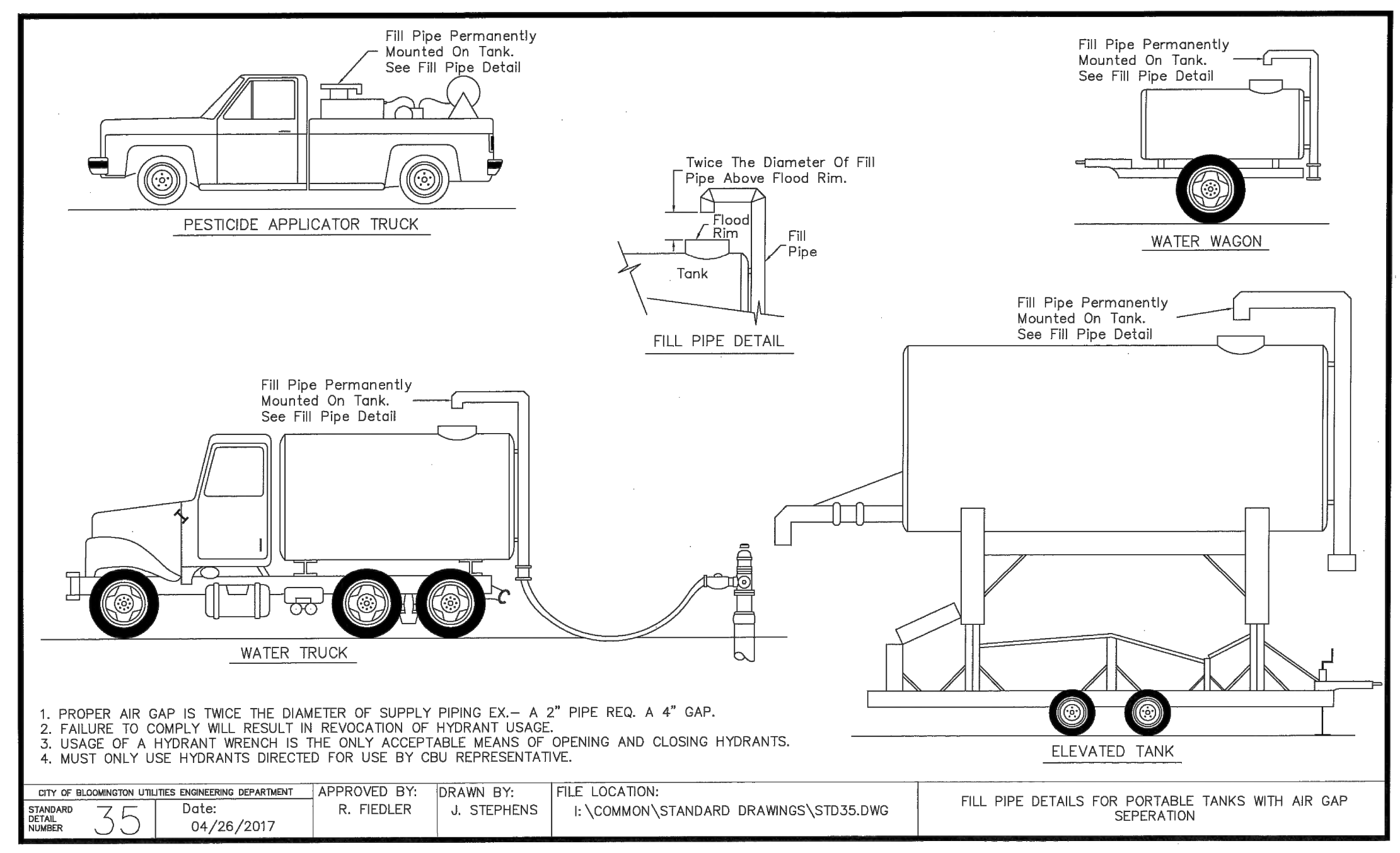
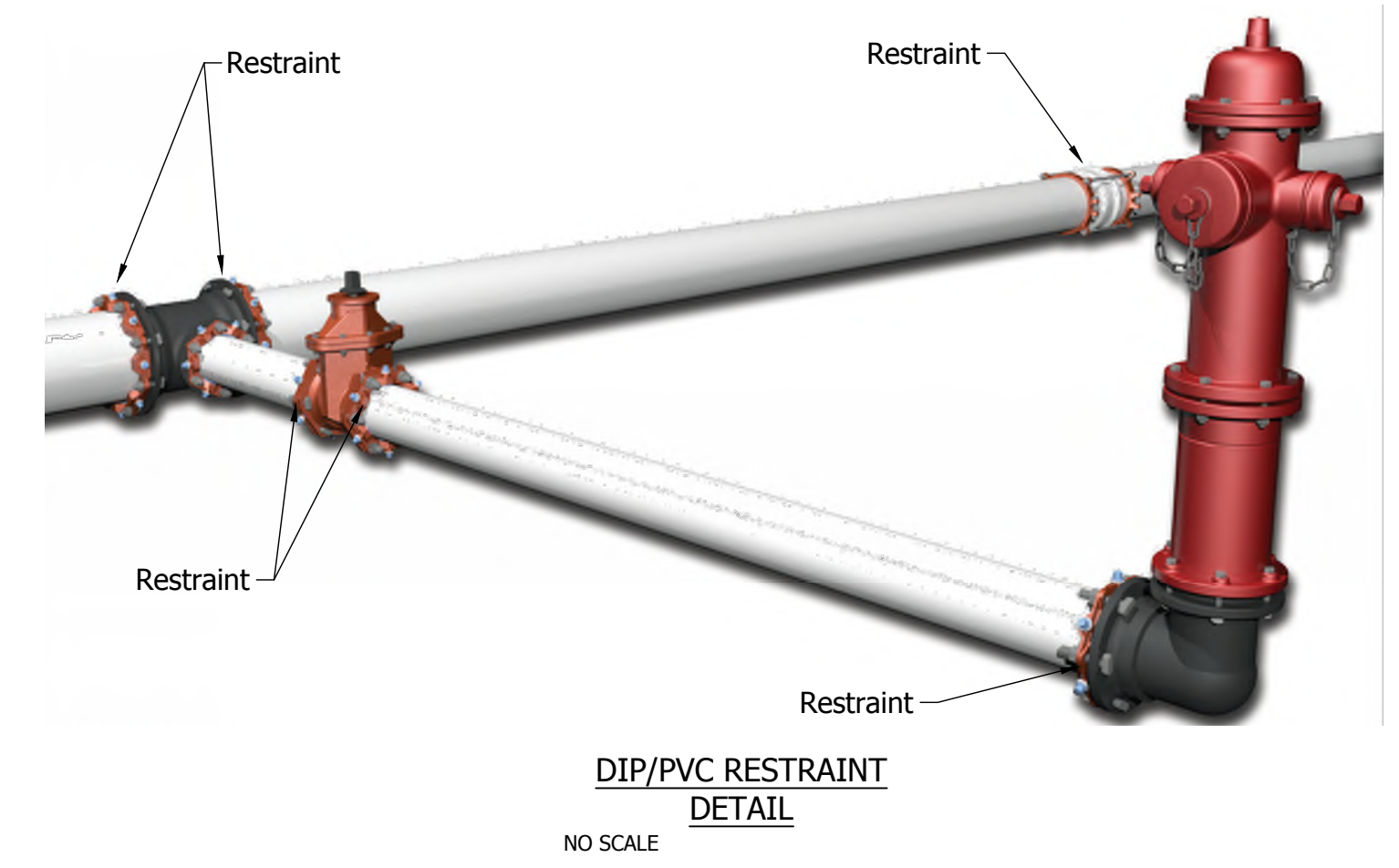
WATER MAIN DETAILS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| N/A | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| | 35 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



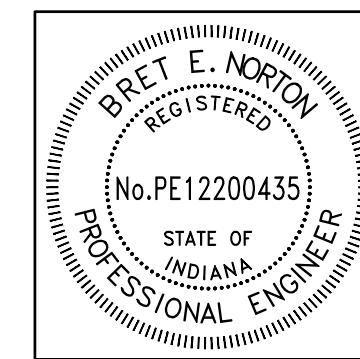
RESTRAINT PIPE LENGTHS ARE SHOWN ON THE PLANS FOR BOTH PVC AND DUCTILE IRON PIPE.

ALL JOINTS WITHIN THE CALCULATED LENGTH MUST BE RESTRAINED. RESTRAINTS SHALL BE MATCHED TO THE PIPE TYPE AND MATERIAL BY MANUFACTURER SPECIFICATIONS.



| ITEM | SIZE | QUANTITY | UNITS |
|--------------------------|------|----------|-------|
| | IN. | | |
| GATE VALVE AND VALVE BOX | 8 | 2 | EACH |
| GATE VALVE AND VALVE BOX | 12 | 15 | EACH |
| CAP | 8 | 8 | EACH |
| HOT TAPS | 12 | 2 | EACH |
| WATER MAIN | 6 | 40 | LF |
| WATER MAIN | 8 | 190 | LF |
| WATER MAIN | 12 | 2211 | LF |
| FIRE HYDRANT ASSEMBLY | | 5 | EACH |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\09 Misc. Details\
 FILE: 4421 water details.dwg
 DIMSCALE: 20 LTSCALE: 1
 PLOTTED BY: Abuza
 DATE: Jun 13, 2023 - 12:09pm



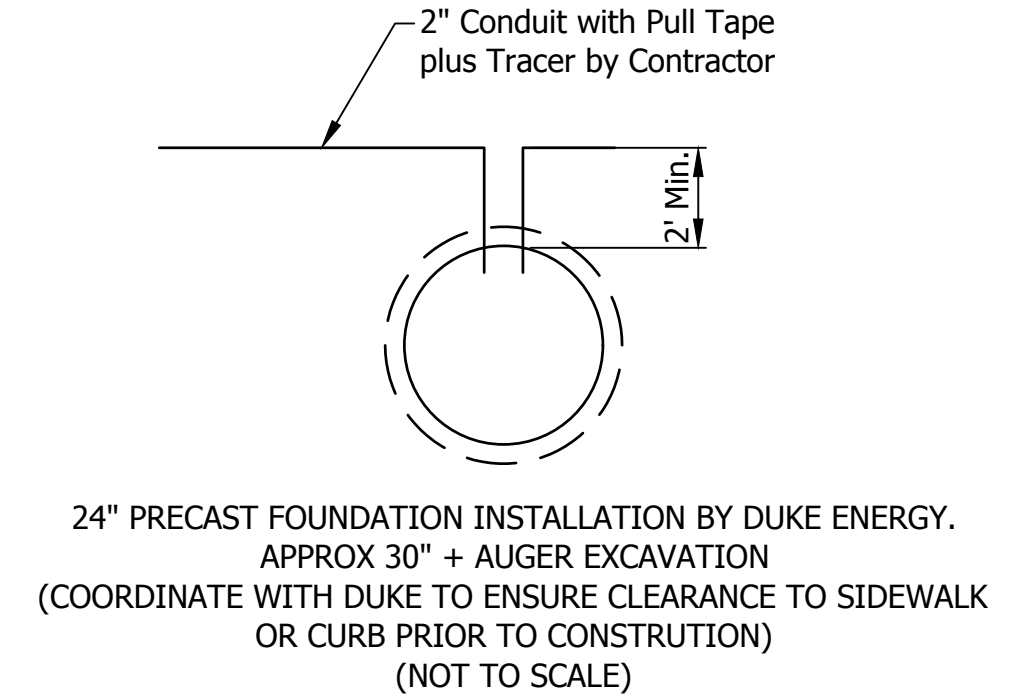
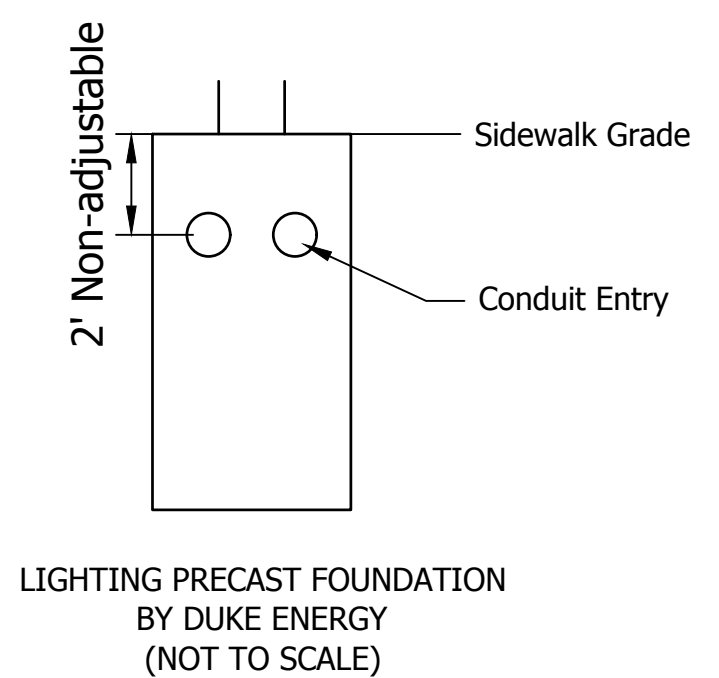
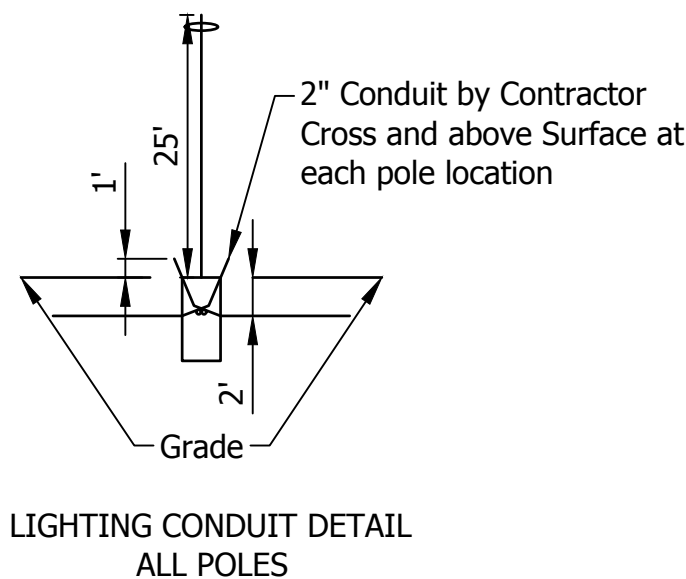
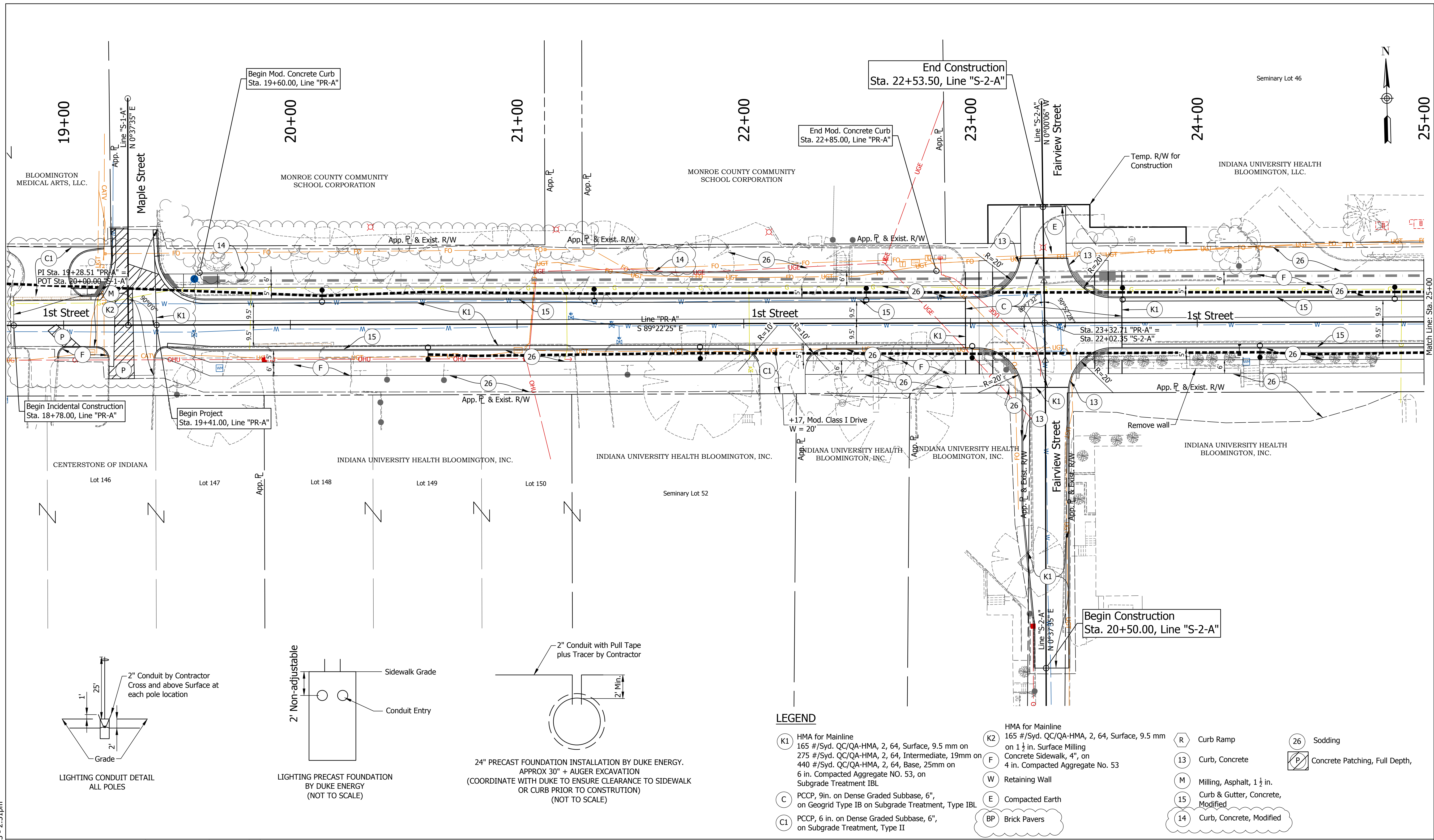
| | | |
|--------------------------|--|--------------------|
| RECOMMENDED FOR APPROVAL | <i>Bret E Norton</i> BRET E. NORTON | 04/05/2023 DATE |
| DESIGNED: | BENBEN | DRAWN: CAB CAB |
| CHECKED: | BENBEN | CHECKED: BEN BEN |

INDIANA
DEPARTMENT OF TRANSPORTATION

WATER MAIN DETAILS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| N/A | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| | 36 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details
 FILE: 4421 construction details.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABUZZA
 DATE: Dec 04, 2023 - 2:31pm



LEGEND

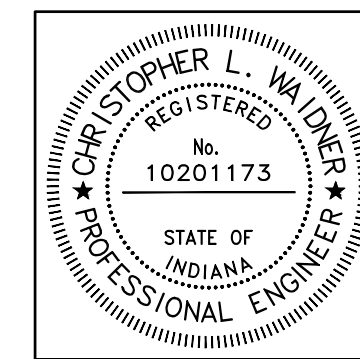
- (K1) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on 275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on 440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on 6 in. Compacted Aggregate NO. 53, on Subgrade Treatment IBL
- (K2) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on 1 1/2 in. Surface Milling Concrete Sidewalk, 4", on 4 in. Compacted Aggregate No. 53
- (F) Retaining Wall
- (W) Milling, Asphalt, 1 1/2 in.
- (M) Curb & Gutter, Concrete, Modified
- (C) PCCP, 9in. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment, Type IBL
- (E) Compacted Earth
- (C1) PCCP, 6 in. on Dense Graded Subbase, 6", on Subgrade Treatment, Type II
- (R) Curb Ramp
- (13) Curb, Concrete
- (15) Sodding
- (26) Concrete Patching, Full Depth,

LEGEND

- Lighting poles and Foundations (By Others)
- 2" Sched. 40 HDPE Lighting Conduit (In Contract)
- City of Bloomington (COB) Fiber Optic Duct 4-4"
- City of Bloomington (COB HH) Fiber Optic Handhole 30"x48"x24"

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Optic Conduit and Handholes per City of Bloomington Standard Specifications.
 Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

| DATE: | REVISIONS |
|------------|---------------------------------------|
| 12/04/2023 | UPDATED DESIGN AND CORRECTED CALLOUTS |



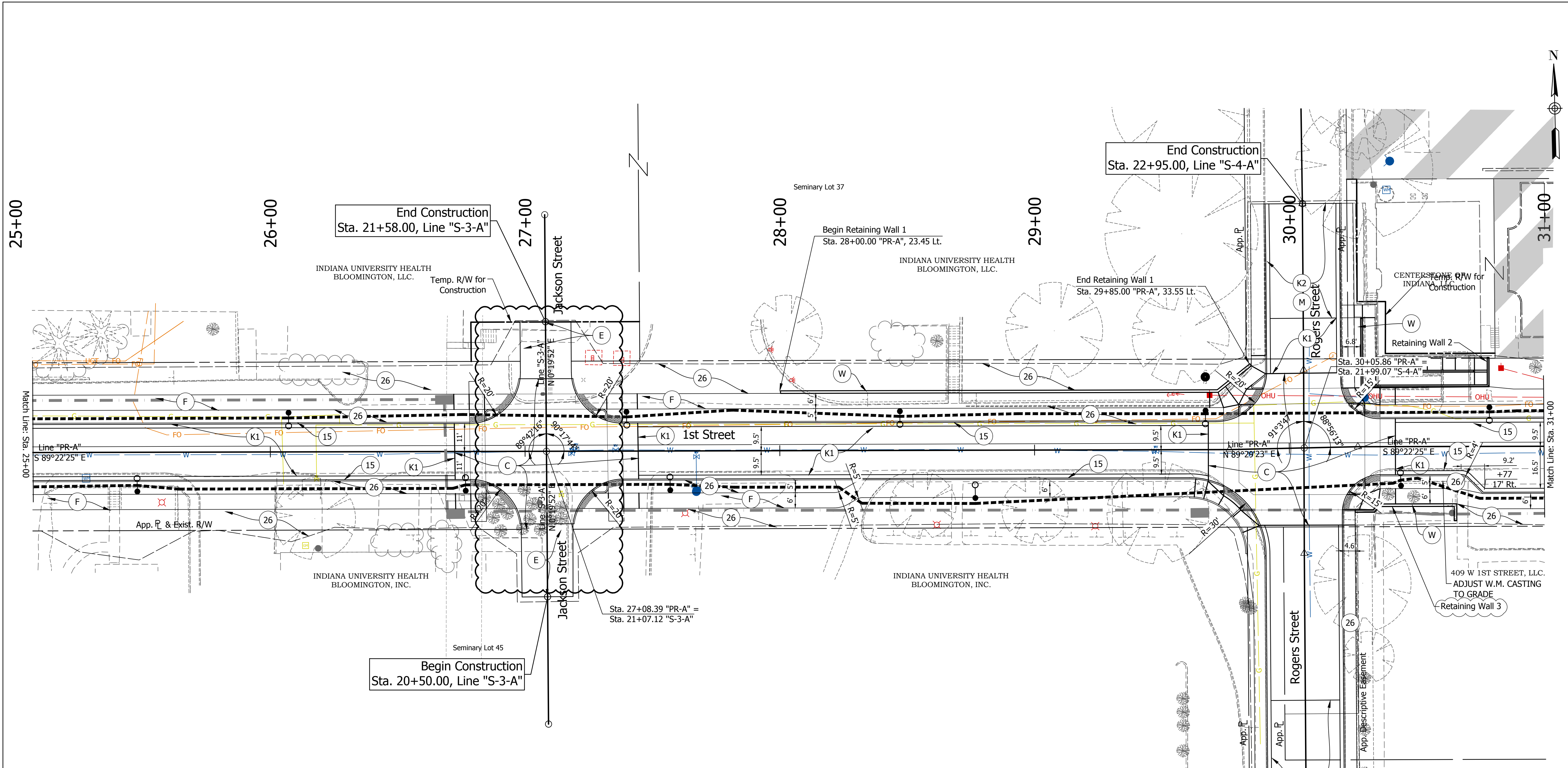
| | | |
|--------------------------|----------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION LAYOUT DETAILS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 37 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details
 FILE: 4421 construction details.dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1
 PLOTTED BY: ABUZZA
 DATE: Dec 04, 2023 - 2:31pm



LEGEND

- | | | | |
|--|--|---------------------------------|---|
| (K1) HMA for Mainline 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on 275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on 440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on 6 in. Compacted Aggregate NO. 53, on Subgrade Treatment IBL | (K2) HMA for Mainline 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on 1 1/2 in. Surface Milling Concrete Sidewalk, 4", on 4 in. Compacted Aggregate No. 53 | (R) Curb Ramp | (26) Sodding |
| (C) PCCP, 9in. on Dense Graded Subbase, 6", on Geogrid Type IB on Subgrade Treatment, Type IBL | (F) Retaining Wall | (13) Curb, Concrete | (P) Concrete Patching, Full Depth, |
| (C1) PCCP, 6 in. on Dense Graded Subbase, 6", on Subgrade Treatment, Type II | (W) Retaining Wall | (M) Milling, Asphalt, 1 1/2 in. | (15) Curb & Gutter, Concrete, Modified |
| | (E) Compacted Earth | (14) Curb, Concrete, Modified | |
| | (BP) Brick Pavers | | |

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Conduit and Handholes per City of Bloomington Standard Specifications.

Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765)
 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

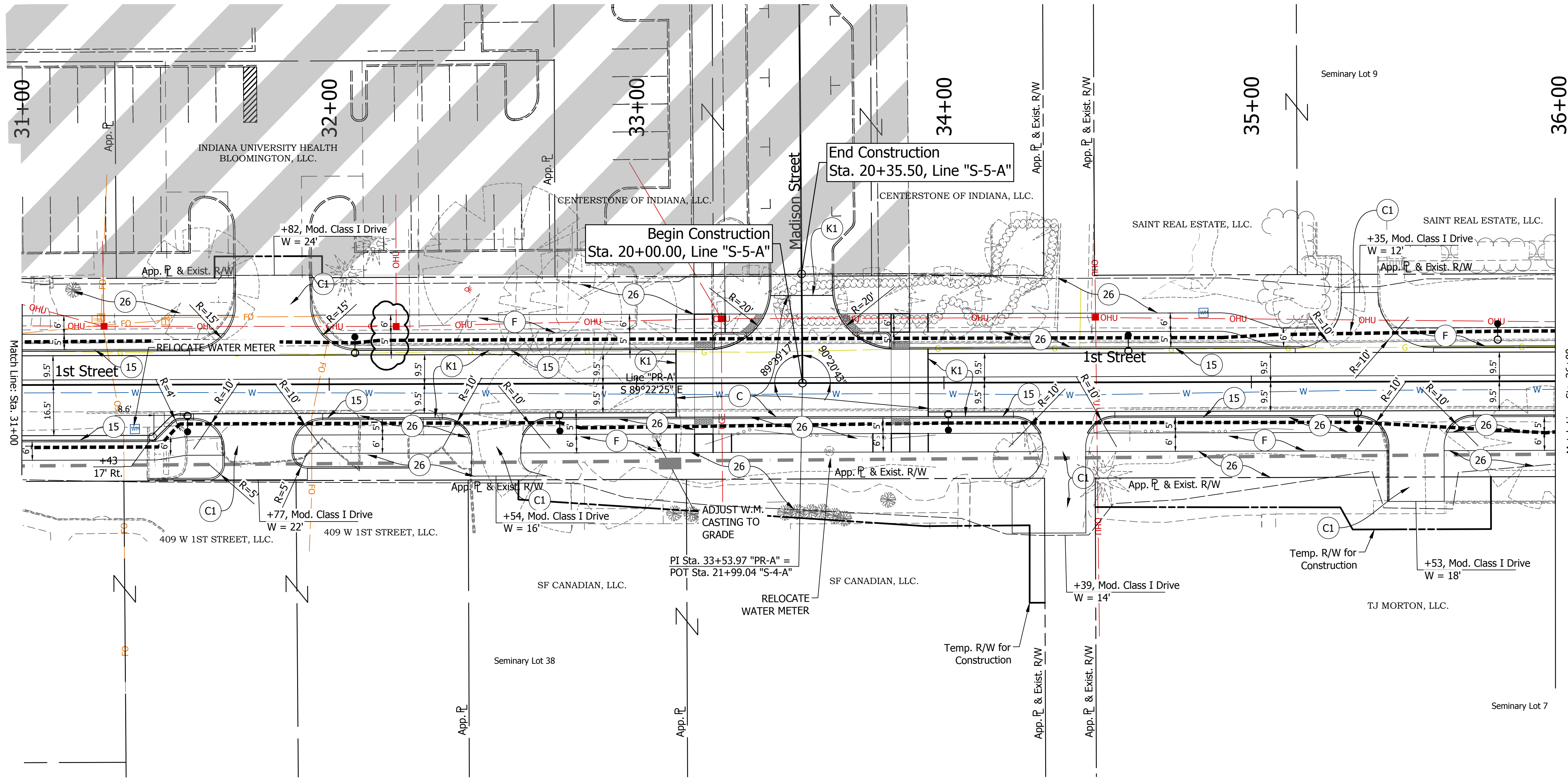
| DATE: | REVISIONS |
|------------|-----------------|
| 12/04/2023 | UPDATE CALLOUTS |



| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION
CONSTRUCTION LAYOUT DETAILS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 38 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



LEGEND

- (K1) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
6 in. Compacted Aggregate NO. 53, on
Subgrade Treatment IBL
- (K2) HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm
on 1 1/2 in. Surface Milling
Concrete Sidewalk, 4", on
4 in. Compacted Aggregate No. 53
- (F) Retaining Wall
- (W) Retaining Wall
- (E) Compacted Earth
- (BP) Brick Pavers
- (R) Curb Ramp
- (13) Curb, Concrete
- (M) Milling, Asphalt, 1 1/2 in.
- (15) Curb & Gutter, Concrete,
Modified
- (14) Curb, Concrete, Modified
- (26) Sodding
- (P) Concrete Patching, Full Depth,

Pole Locations per Duke Layout 4/22/2022.

City of Bloomington Fiber Conduit and Handholes per City of Bloomington Standard Specifications.

Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

| DATE: | REVISIONS |
|------------|-------------------------------|
| 12/04/2023 | EDIT DIMENSION, UPDATE LEGEND |



RECOMMENDED FOR APPROVAL
Christopher L. Waldner 12/4/2023
 Christopher Waldner DATE

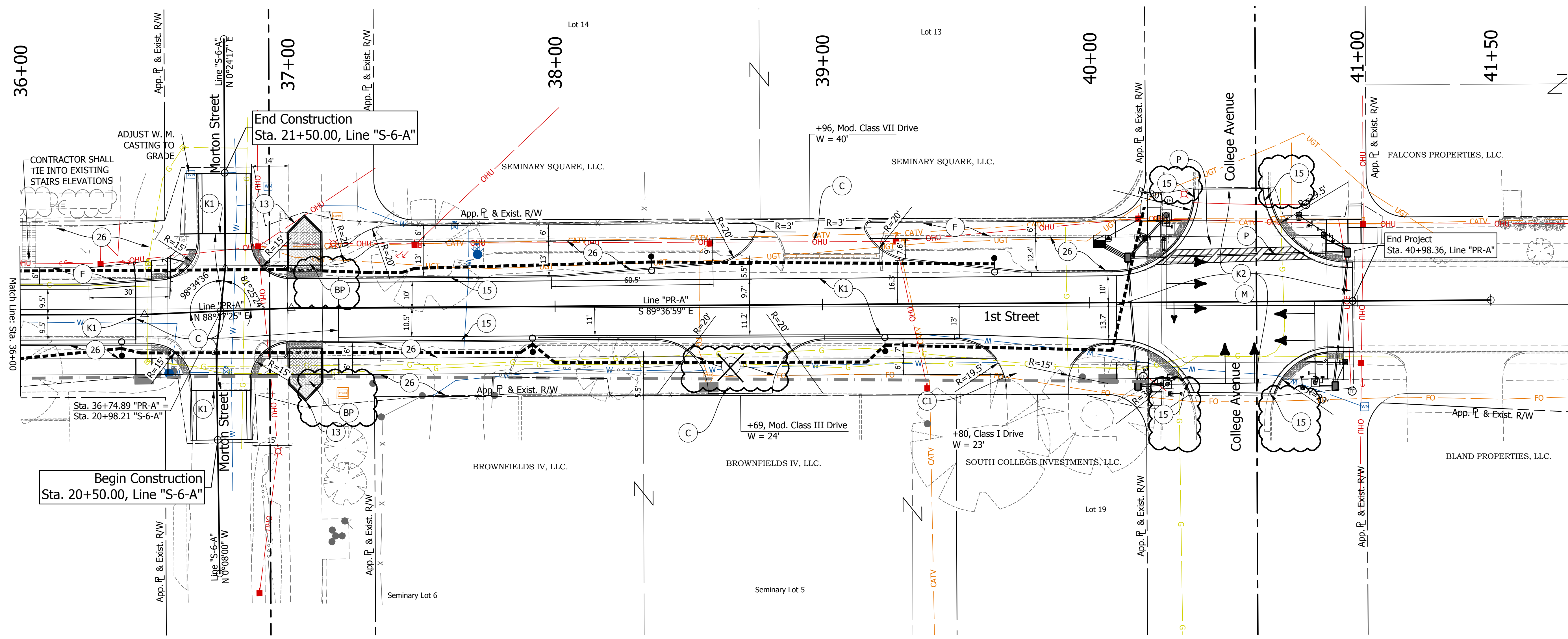
DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION LAYOUT DETAILS

| HORIZONTAL SCALE | BRIDGE FILE |
|------------------|-------------|
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 39 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details\
 FILE: 4421 construction details.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABUZZA
 DATE: Dec 04, 2023 - 2:31pm



LEGEND

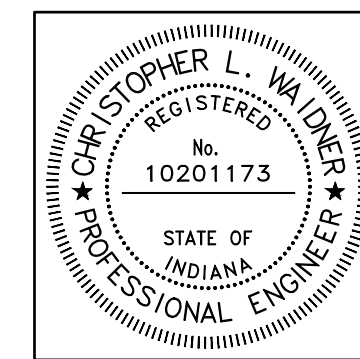
- K1 HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 19mm on
440 #/Syd. QC/QA-HMA, 2, 64, Base, 25mm on
6 in. Compacted Aggregate NO. 53, on
Subgrade Treatment IBL
- C PCCP, 9in. on Dense Graded Subbase, 6",
on Geogrid Type IB on Subgrade Treatment, Type IBL
- C1 PCCP, 6 in. on Dense Graded Subbase, 6",
on Subgrade Treatment, Type II
- K2 HMA for Mainline
165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm
on 1 1/2 in. Surface Milling
- F Concrete Sidewalk, 4", on
4 in. Compacted Aggregate No. 53
- W Retaining Wall
- E Compacted Earth
- BP Brick Pavers
- R Curb Ramp
- 13 Curb, Concrete
- M Milling, Asphalt, 1 1/2 in.
- 15 Curb & Gutter, Concrete,
Modified
- 14 Curb, Concrete, Modified
- 26 Sodding
- P Concrete Patching, Full Depth

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details\
 FILE: 4421 construction details.dwg
 DTMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 2:32pm

- LEGEND**
- Lighting poles and Foundations (By Others)
 - 2" Sched. 40 HDPE Lighting Conduit (In Contract)
 - City of Bloomington (COB) Fiber Optic Duct 4-4"
 - City of Bloomington (COB HH) Fiber Optic Handhole 30"x48"x24"

Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Conduit and Handholes per City of Bloomington Standard Specifications.
 Contractor to coordinate with Duke Lighting, Jay Hale jay.hale@duke-energy.com (765) 591-3822 prior to placing lighting conduit (in-contract) and foundations (by Duke)

| DATE: | REVISIONS |
|------------|-----------------------------|
| 12/04/2023 | UPDATE LEGEND, ADD CALLOUTS |



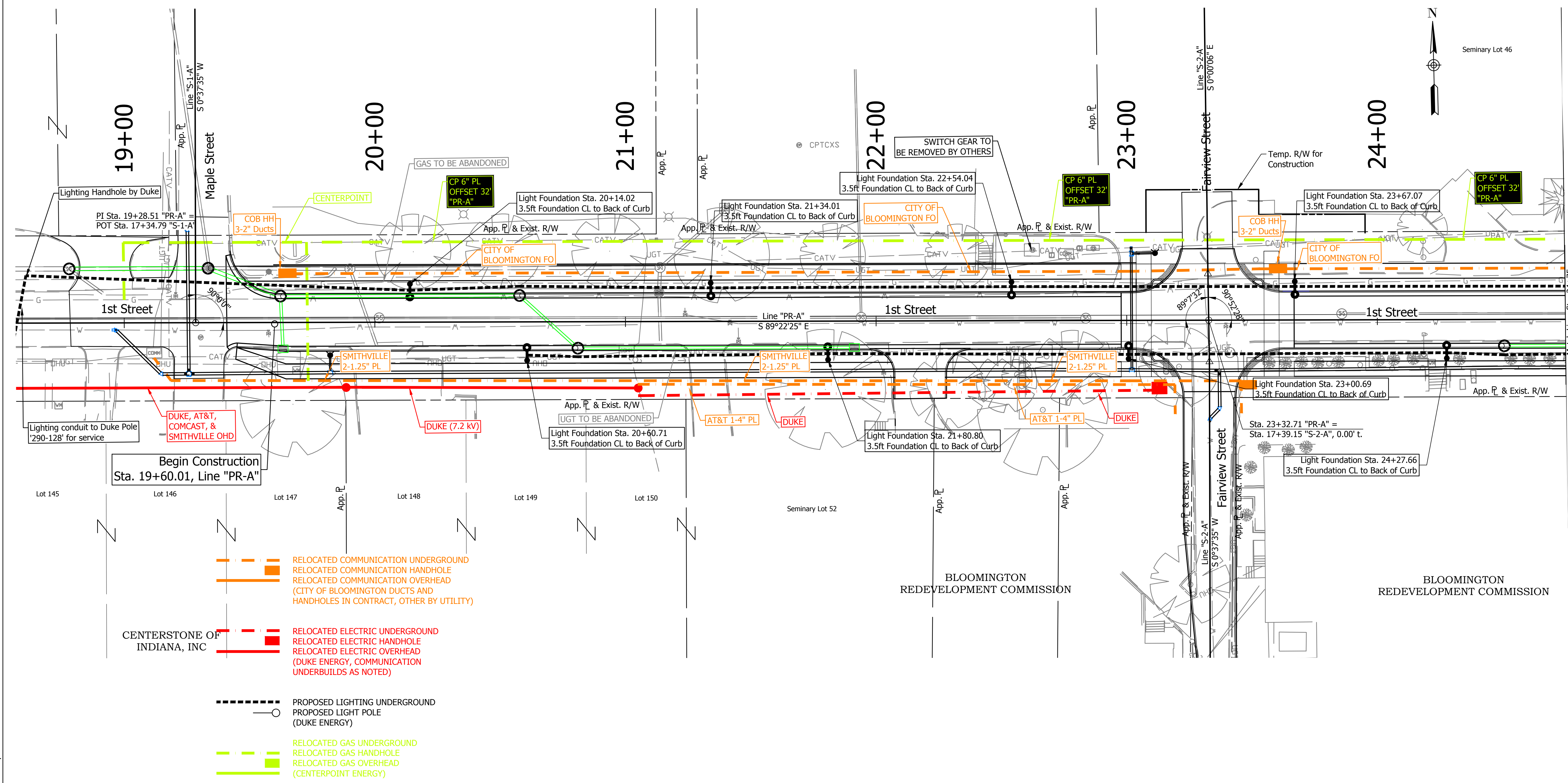
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|--------------------------|----------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION LAYOUT DETAILS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 40 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\55 UtilityCoordination\Maps and Plans to Send\
 FILE:util master plan.dwg
 DIMSCALE: 1 LTSCALE:1
 PLOTTED BY: ABUZZA
 DATE:Jun 14, 2023 - 1:25pm

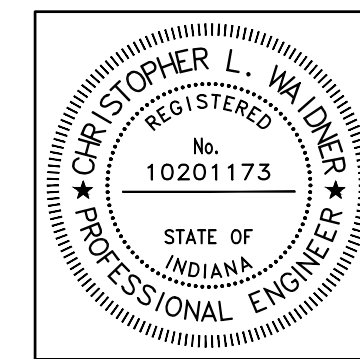


- RELOCATED COMMUNICATION UNDERGROUND
■ RELOCATED COMMUNICATION HANDHOLE
--- RELOCATED COMMUNICATION OVERHEAD
 (CITY OF BLOOMINGTON DUCTS AND HANDHOLES IN CONTRACT, OTHER BY UTILITY)
- RELOCATED ELECTRIC UNDERGROUND
■ RELOCATED ELECTRIC HANDHOLE
--- RELOCATED ELECTRIC OVERHEAD
 (DUKE ENERGY, COMMUNICATION UNDERBUILDS AS NOTED)
- RELOCATED GAS UNDERGROUND
■ RELOCATED GAS HANDHOLE
--- RELOCATED GAS OVERHEAD
 (CENTERPOINT ENERGY)
- PROPOSED LIGHTING UNDERGROUND
○ PROPOSED LIGHT POLE
 (DUKE ENERGY)

City of Bloomington Fiber Optic Conduit and Handholes in Contract
 Lighting Conduit in Contract. Remaining Lighting by Duke.
 Existing and Relocating Utilities for Information Only

 Pole Locations per Duke Layout 4/22/2022.

 City of Bloomington Fiber Conduit and Handholes per City of Bloomington Standard Specifications.



| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

UTILITY MASTER LAYOUT

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 41 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

INDIANA UNIVERSITY
HEALTH BLOOMINGTON, INC

Seminary Lot 37
INDIANA UNIVERSITY
HEALTH BLOOMINGTON, INC

25+00

26+00

27+00

28+00

29+00

30+00

31+00

Light Foundation Sta. 24+87.16
3.5ft Foundation CL to Back of Curb
GAS TO BE ABANDONED

Light Foundation Sta. 26+07.17
3.5ft Foundation CL to Back of Curb

Light Foundation Sta. 27+39.81
3.5ft Foundation CL to Back of Curb

Light Foundation Sta. 29+67.14
3.5ft Foundation CL to Back of Curb

Sta. 30+05.86 "PR-A" =
Sta. 21+99.07 "S-4-A", 0.12' Rt.

Light Foundation Sta. 30+78.59
3.5ft Foundation CL to Back of Curb

Light Foundation Sta. 25+47.75
3.5ft Foundation CL to Back of Curb

Light Foundation Sta. 26+76.66
3.5ft Foundation CL to Back of Curb

Light Foundation Sta. 27+56.95
3.5ft Foundation CL to Back of Curb

Sta. 27+08.39 "PR-A" =
Sta. 21+07.12 "S-3-A", 0.00' t.

Light Foundation Sta. 28+76.70
7.5ft Foundation CL to Back of Curb

Light Foundation Sta. 30+40.81
3.5ft Foundation CL to Back of Curb

RELOCATED COMMUNICATION UNDERGROUND
RELOCATED COMMUNICATION HANDHOLE
RELOCATED COMMUNICATION OVERHEAD
(CITY OF BLOOMINGTON DUCTS AND
HANDHOLES IN CONTRACT, OTHER BY UTILITY)

RELOCATED ELECTRIC UNDERGROUND
RELOCATED ELECTRIC HANDHOLE
RELOCATED ELECTRIC OVERHEAD
(DUKE ENERGY, COMMUNICATION
UNDERBUILDS AS NOTED)

PROPOSED LIGHTING UNDERGROUND
PROPOSED LIGHTING HANDHOLE BY CONTRACTOR
PROPOSED LIGHT POLE
(DUKE ENERGY)

RELOCATED GAS UNDERGROUND
RELOCATED GAS HANDHOLE
RELOCATED GAS OVERHEAD
(CENTERPOINT ENERGY)

BLOOMINGTON
REDEVELOPMENT
COMMISSION

BLOOMINGTON
REDEVELOPMENT COMMISSION

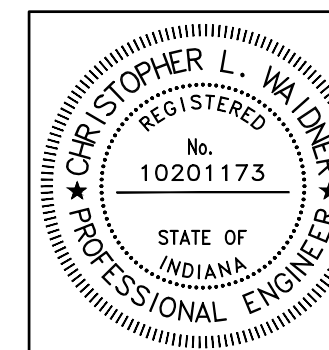
MEDICAL PROPERTIES
MANAGEMENT, LLC

| DATE: | REVISIONS |
|------------|----------------------------|
| 12/04/2023 | UPDATE GAS LINE AND LABELS |

City of Bloomington Fiber Optic Conduit and Handholes in Contract
Lighting Conduit in Contract. Remaining Lighting by Duke.
Existing and Relocating Utilities for Information Only

Pole Locations per Duke Layout 4/22/2022.

City of Bloomington Fiber Conduit and Handholes per City of Bloomington Standard Specifications.



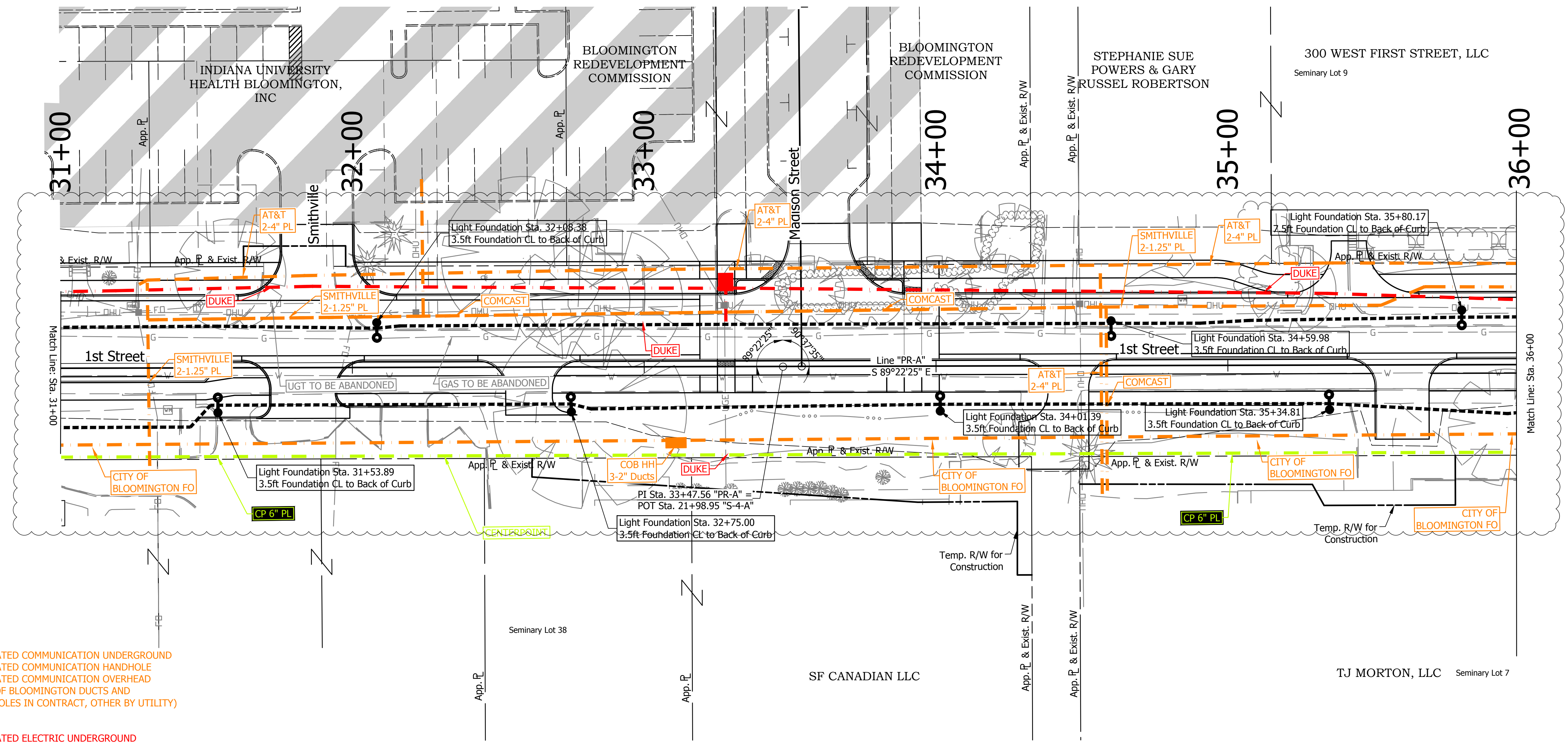
RECOMMENDED
FOR APPROVAL *Christopher L. Waldner* 12/4/2023
DATE

DESIGNED: RJB DRAWN: RJB
CHECKED: JTE CHECKED: JTE

INDIANA
DEPARTMENT OF TRANSPORTATION

UTILITY MASTER LAYOUT

| | |
|------------------------------|------------------------|
| HORIZONTAL SCALE 1" = 20' | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 42 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

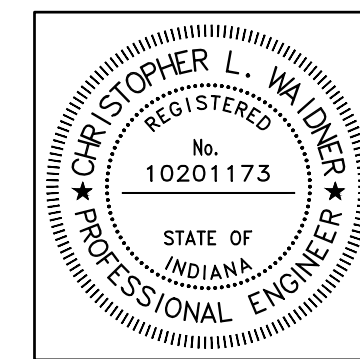


- - - - - RELOCATED COMMUNICATION UNDERGROUND
- - - - - RELOCATED COMMUNICATION HANDHOLE
- - - - - RELOCATED COMMUNICATION OVERHEAD (CITY OF BLOOMINGTON DUCTS AND HANDHOLES IN CONTRACT, OTHER BY UTILITY)
- - - - - RELOCATED ELECTRIC UNDERGROUND
- - - - - RELOCATED ELECTRIC HANDHOLE
- - - - - RELOCATED ELECTRIC OVERHEAD (DUKE ENERGY, COMMUNICATION UNDERBUILDS AS NOTED)
- - - - - PROPOSED LIGHTING UNDERGROUND
- - - - - PROPOSED LIGHTING HANDHOLE BY CONTRACTOR
- - - - - PROPOSED LIGHT POLE (DUKE ENERGY)
- - - - - RELOCATED GAS UNDERGROUND
- - - - - RELOCATED GAS HANDHOLE
- - - - - RELOCATED GAS OVERHEAD (CENTERPOINT ENERGY)

| DATE: | REVISIONS |
|------------|----------------------------|
| 12/04/2023 | UPDATE GAS LINE AND LABELS |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\55 UtilityCoordination\Maps and Plans to Send\
 FILE:util master plan.dwg
 DIMSCALE: 1 LTSCALE:1
 PLOTTED BY: ABuzza
 DATE:Dec 04, 2023 - 2:36pm

City of Bloomington Fiber Optic Conduit and Handholes in Contract
 Lighting Conduit in Contract. Remaining Lighting by Duke.
 Existing and Relocating Utilities for Information Only
 Pole Locations per Duke Layout 4/22/2022.
 City of Bloomington Fiber Conduit and Handholes per City of Bloomington Standard Specifications.

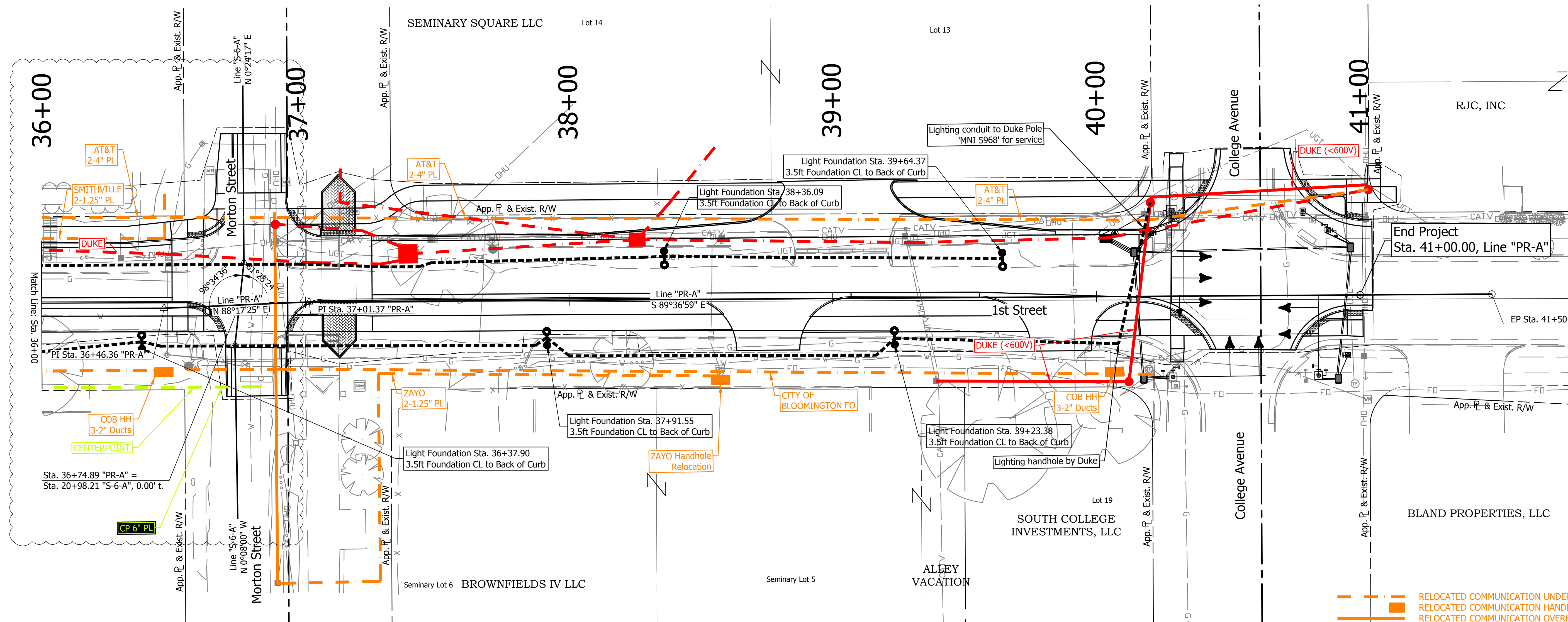


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION
UTILITY MASTER LAYOUT

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 43 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\55 UtilityCoordination\Maps and Plans to Send\
 FILE:util master plan.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 2:36pm

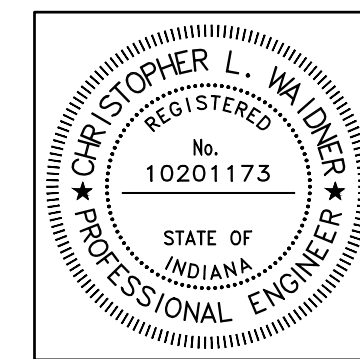


- RELOCATED COMMUNICATION UNDERGROUND
- RELOCATED COMMUNICATION HANDHOLE
- RELOCATED COMMUNICATION OVERHEAD (CITY OF BLOOMINGTON DUCTS AND HANDHOLES IN CONTRACT, OTHER BY UTILITY)
- RELOCATED ELECTRIC UNDERGROUND
- RELOCATED ELECTRIC HANDHOLE
- RELOCATED ELECTRIC OVERHEAD (DUKE ENERGY, COMMUNICATION UNDERBUILDS AS NOTED)
- PROPOSED LIGHTING UNDERGROUND
- PROPOSED LIGHTING HANDHOLE BY CONTRACTOR
- PROPOSED LIGHT POLE (DUKE ENERGY)
- RELOCATED GAS UNDERGROUND
- RELOCATED GAS HANDHOLE
- RELOCATED GAS OVERHEAD (CENTERPOINT ENERGY)

| DATE: | REVISIONS |
|------------|--------------------------|
| 12/04/2023 | EDIT LABELS AND GAS LINE |

City of Bloomington Fiber Optic Conduit and Handholes in Contract
 Lighting Conduit in Contract. Remaining Lighting by Duke.
 Existing and Relocating Utilities for Information Only
 Pole Locations per Duke Layout 4/22/2022.

City of Bloomington Fiber Conduit and Handholes per City of Bloomington Standard Specifications.



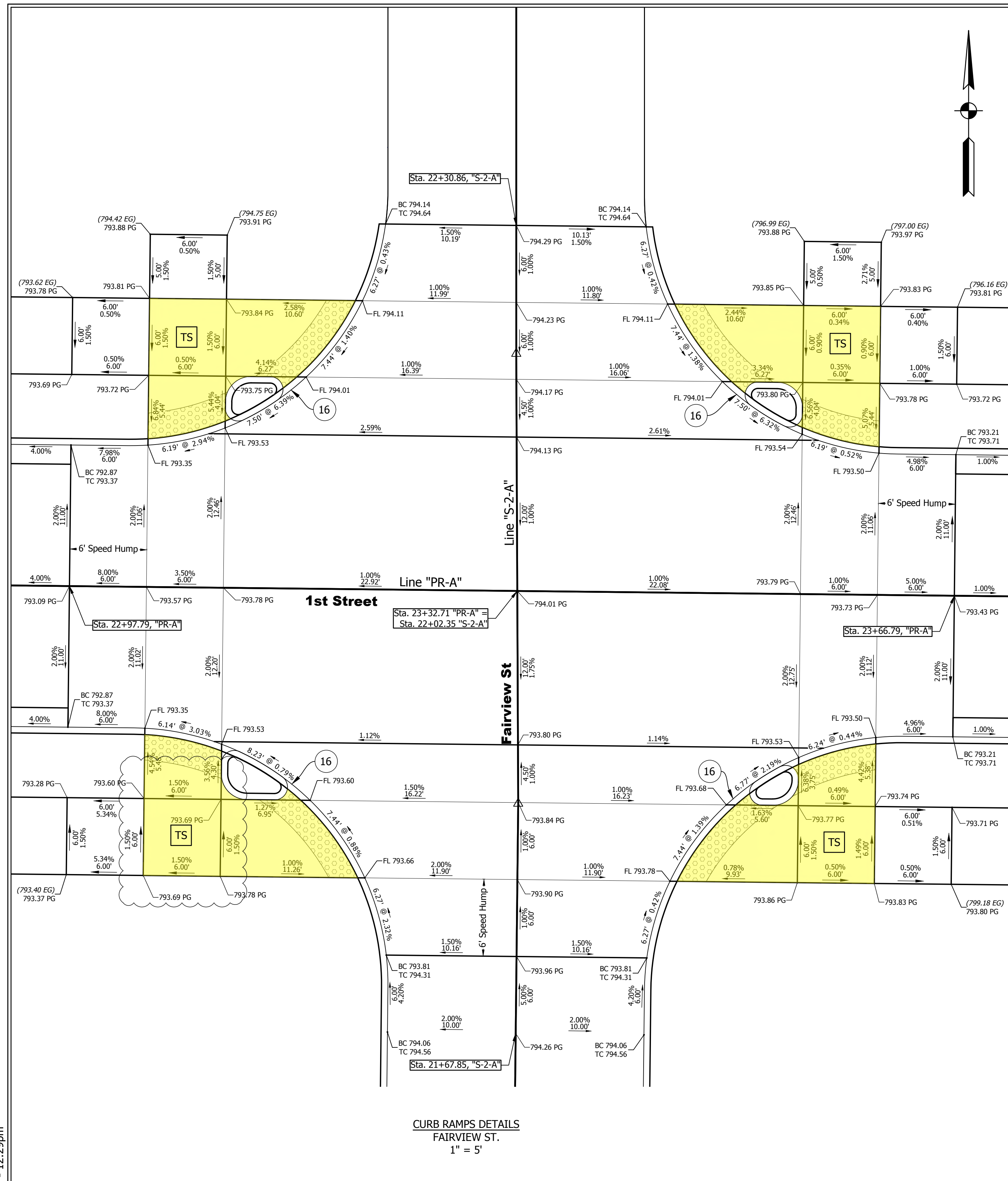
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|--------------------------|----------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION

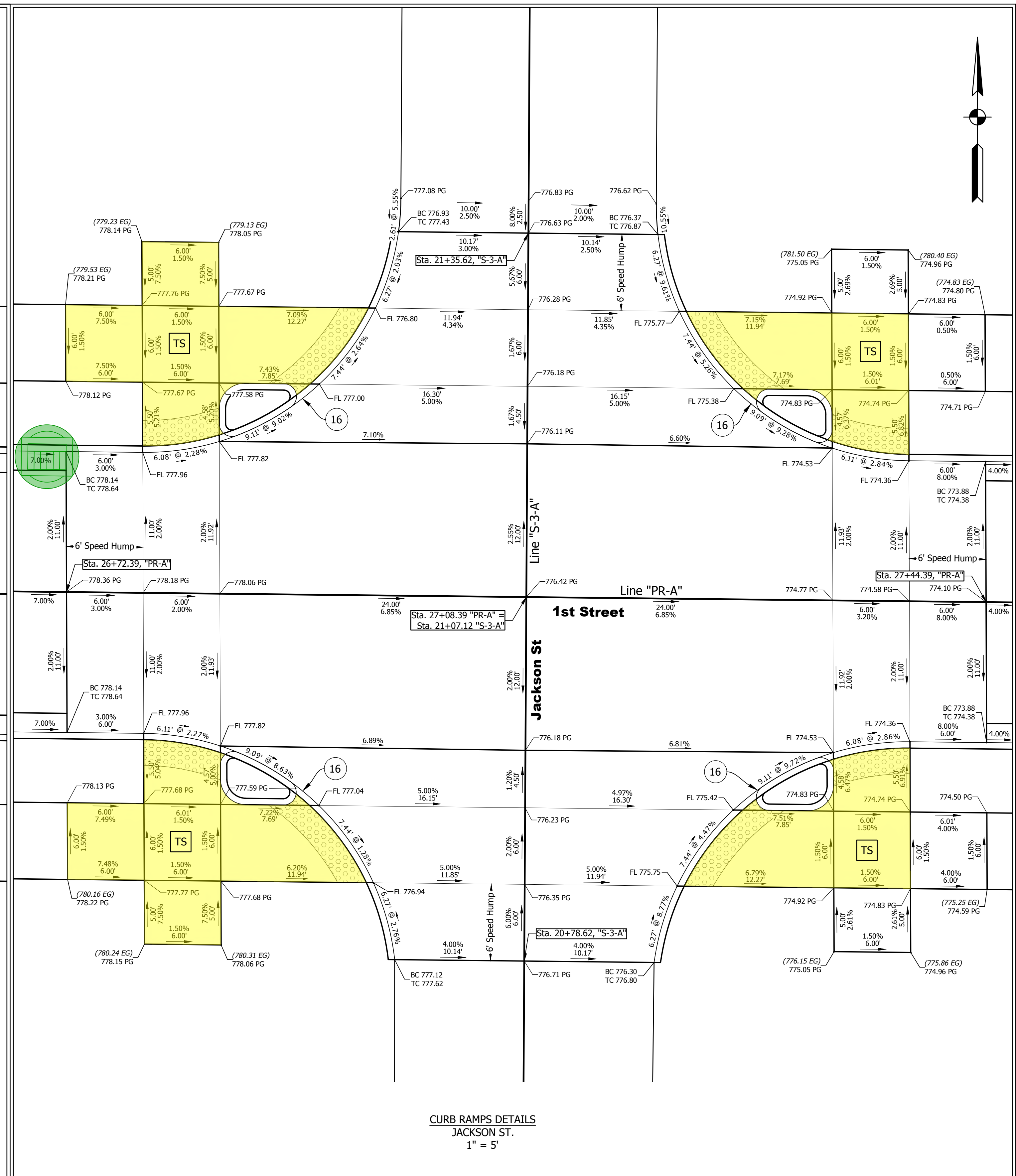
UTILITY MASTER LAYOUT

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 44 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details
 FILE: 4421 Curb Ramp Details.dwg
 DIMSCALE: 1/16" = 1' LTSCALE: 1/16"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 12:29pm



CURB RAMP DETAILS
 FAIRVIEW ST.
 1" = 5'

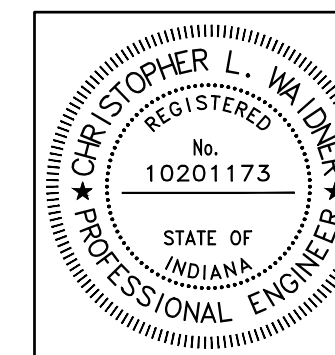


CURB RAMP DETAILS
 JACKSON ST.
 1" = 5'

LEGEND

- Detectable Warning Surface (XXX.XX EG) Existing Elevations
- Turning Space XXX.XX Proposed Elevations
- Curb, Island Concrete
- Centerstone Hoosier House Ramp
- TC = Top of Curb
- BC = Bottom of Curb
- FL = Flush Curb
- Curb Ramp Pay Limits

| DATE: | REVISIONS |
|------------|-----------------------------|
| 12/04/2023 | UPDATE ELEVATIONS AND SLOPE |



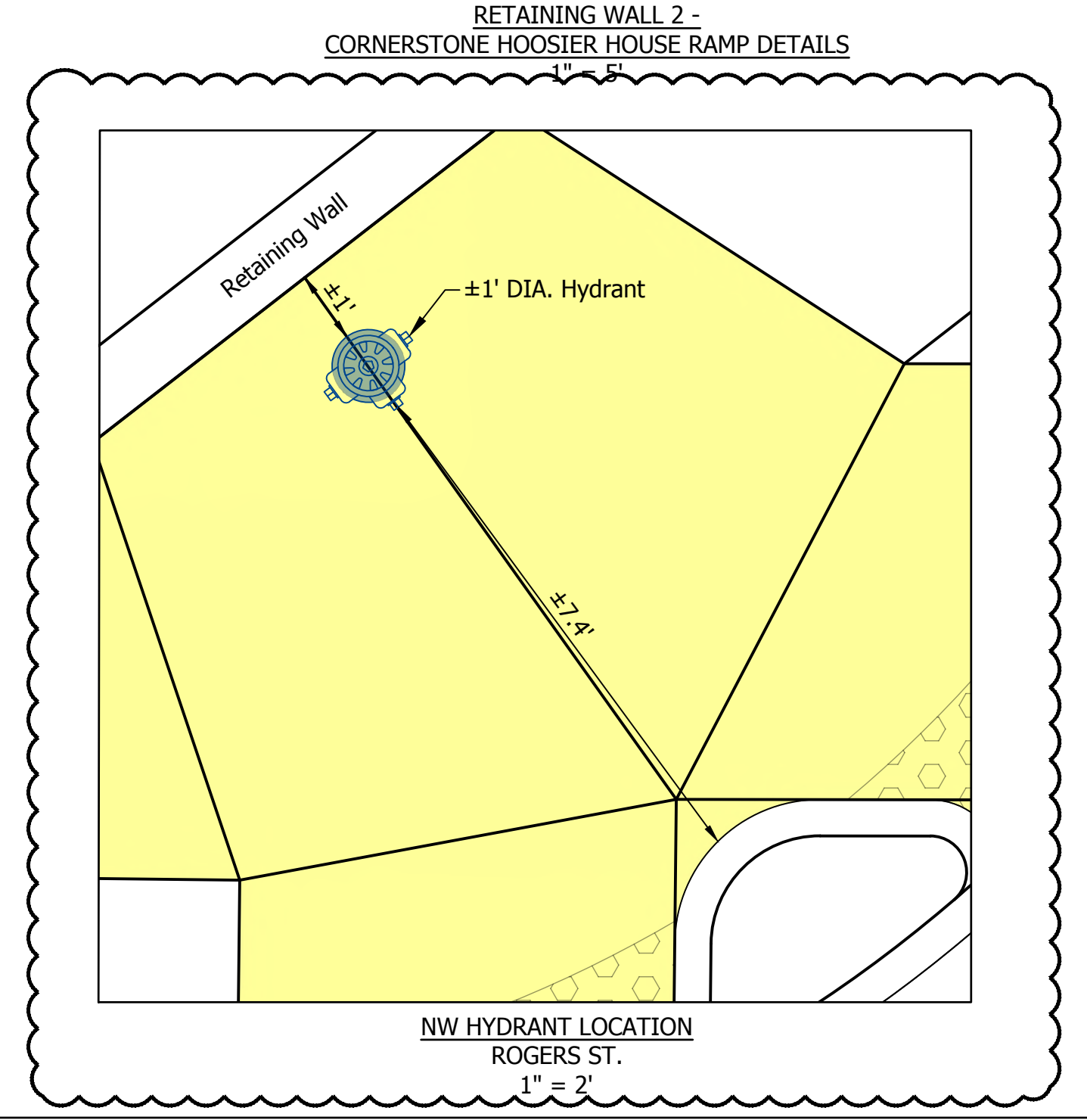
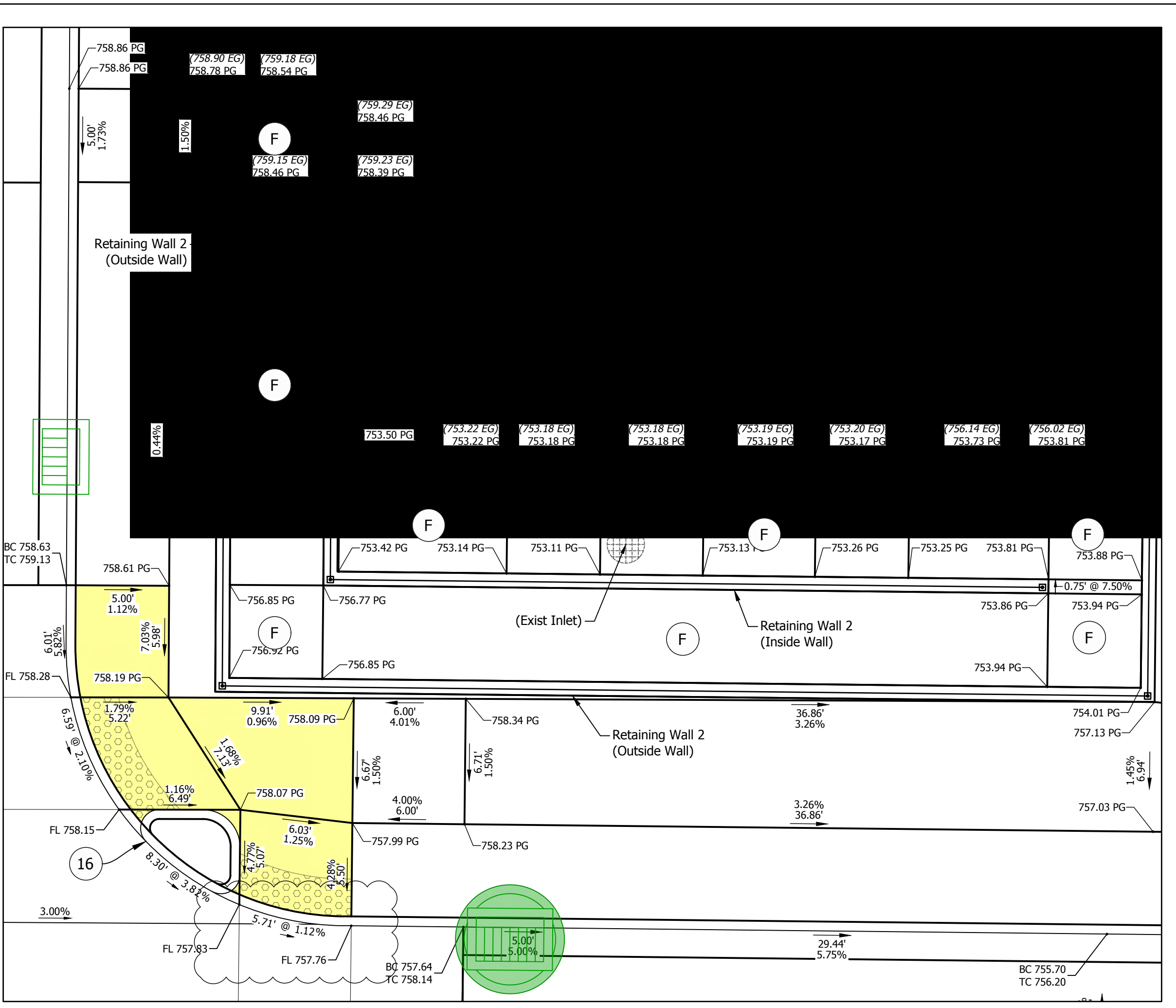
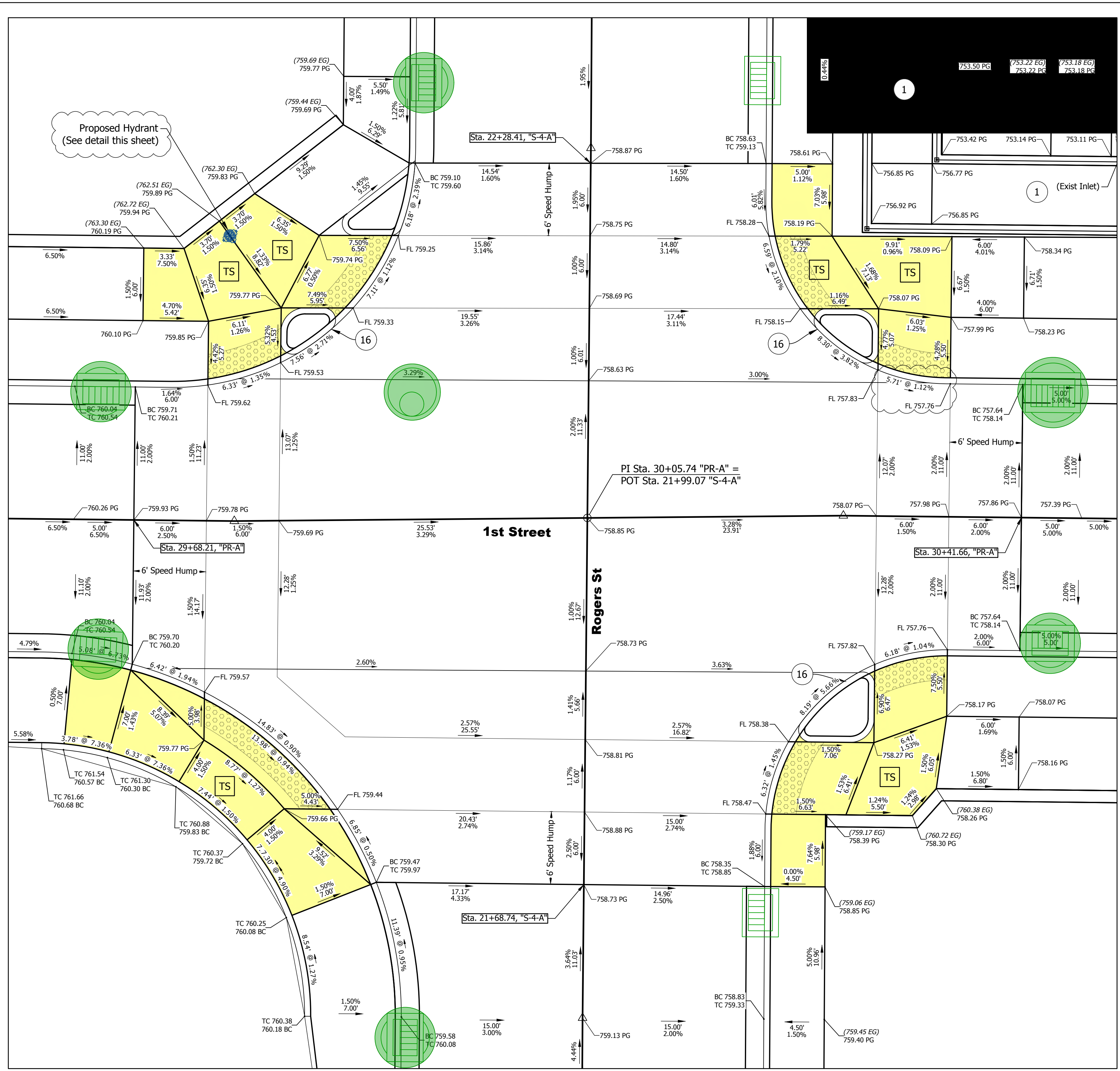
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|--------------------------|-----|-----------|
| RECOMMENDED FOR APPROVAL | | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

**CURB RAMP DETAILS
 FAIRVIEW ST. AND JACKSON ST.**

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 45 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details
 FILE: 4421 Curb Ramp Details.dwg
 DIMSCALE: 1/8" = 1'-0"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 12:30pm

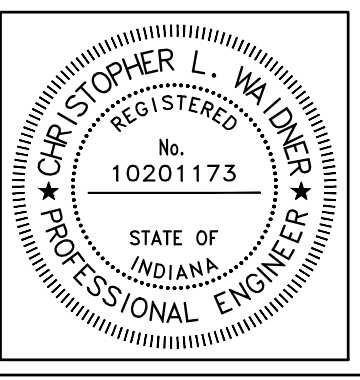


CURB RAMP DETAILS
 ROGERS ST.
 1" = 5'

LEGEND

| | | | | |
|--|--|---------------------|--|----------------------|
| | Detectable Warning Surface (XXX.XX EG) Existing Elevations | TC = Top of Curb | | Curb Ramp Pay Limits |
| | Turning Space XXX.XX Proposed Elevations | BC = Bottom of Curb | | Sidewalk, Concrete |
| | Curb, Island Concrete | FL = Flush Curb | | |
| | Centerstone Hoosier House Ramp | | | |

| DATE: | REVISIONS |
|------------|--------------------------------------|
| 12/04/2023 | UPDATE LABELS AND ADD HYDRANT DETAIL |



RECOMMENDED FOR APPROVAL: *Christopher L. Waldner* 12/4/2023
 Christopher Waldner DATE

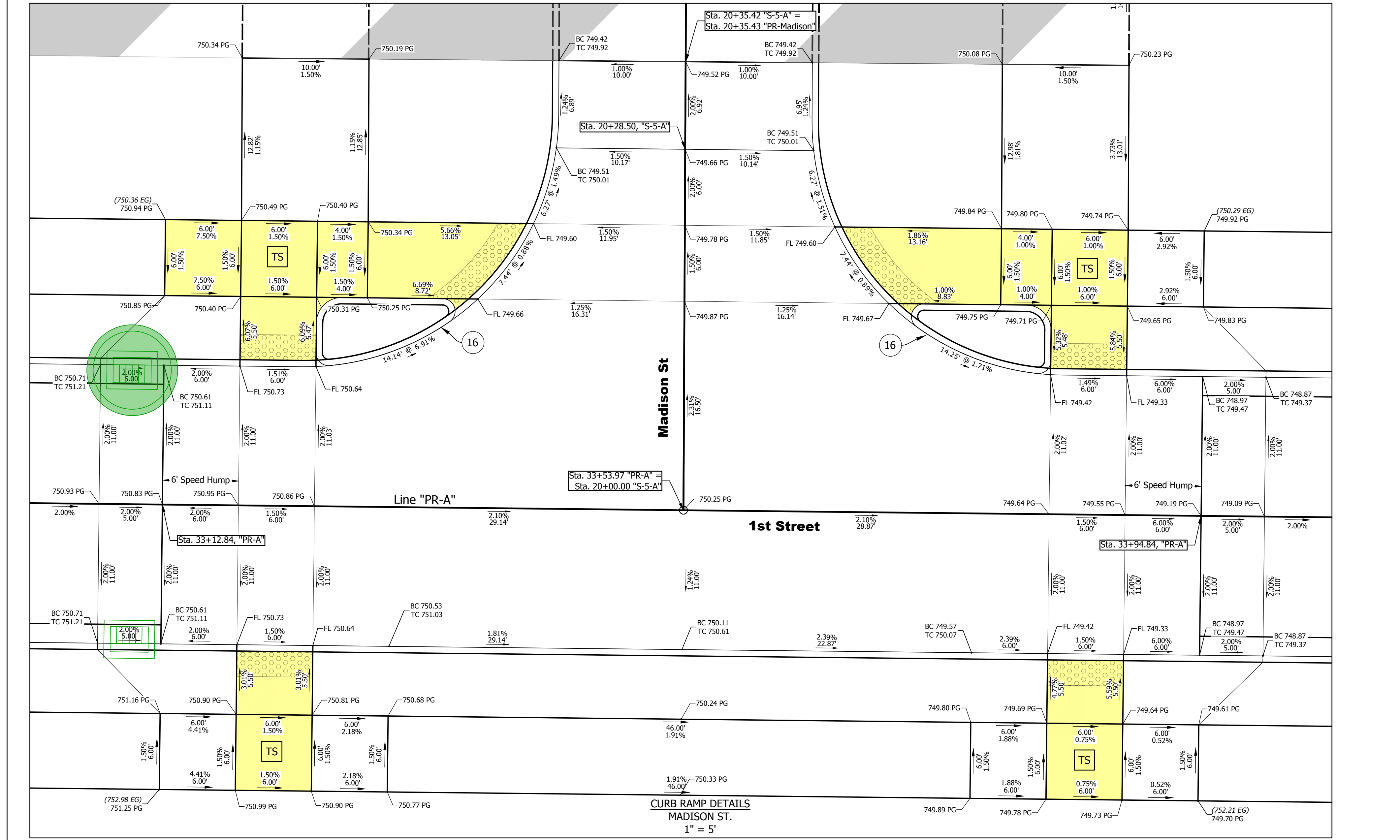
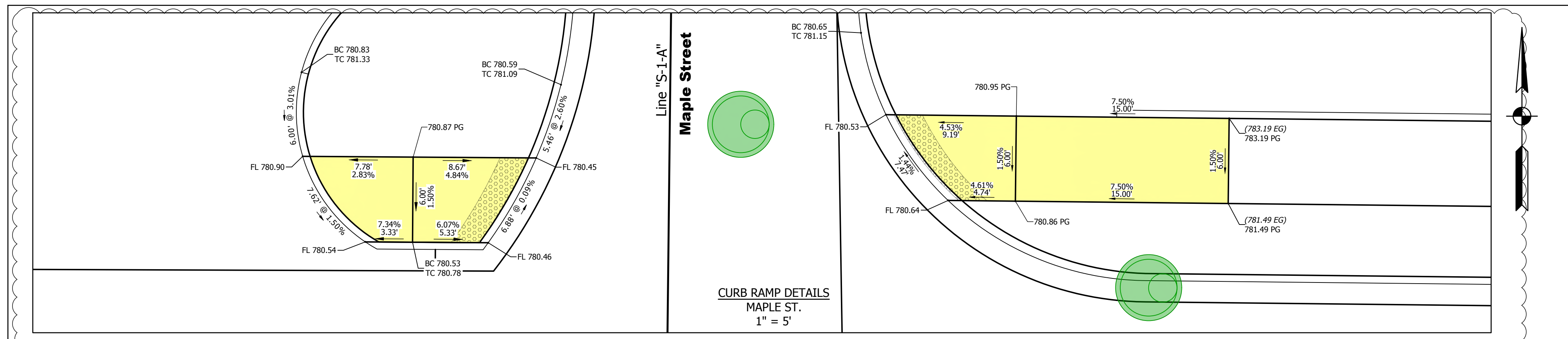
DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
 ROGERS ST.

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 46 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

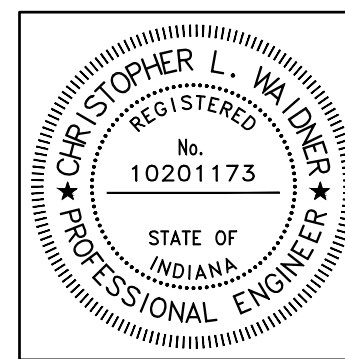
DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details
 FILE: 4421 Curb Ramp Details.dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1/8"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 12:31pm



LEGEND

| | | | | |
|--|--|---------------------|--|----------------------|
| | Detectable Warning Surface (XXX.XX EG) Existing Elevations | TC = Top of Curb | | Curb Ramp Pay Limits |
| | Turning Space XXX.XX Proposed Elevations | BC = Bottom of Curb | | |
| | Curb, Island Concrete | FL = Flush Curb | | |

| DATE: | REVISIONS |
|------------|-------------------------|
| 12/04/2023 | ADD CURB RAMP FOR MAPLE |



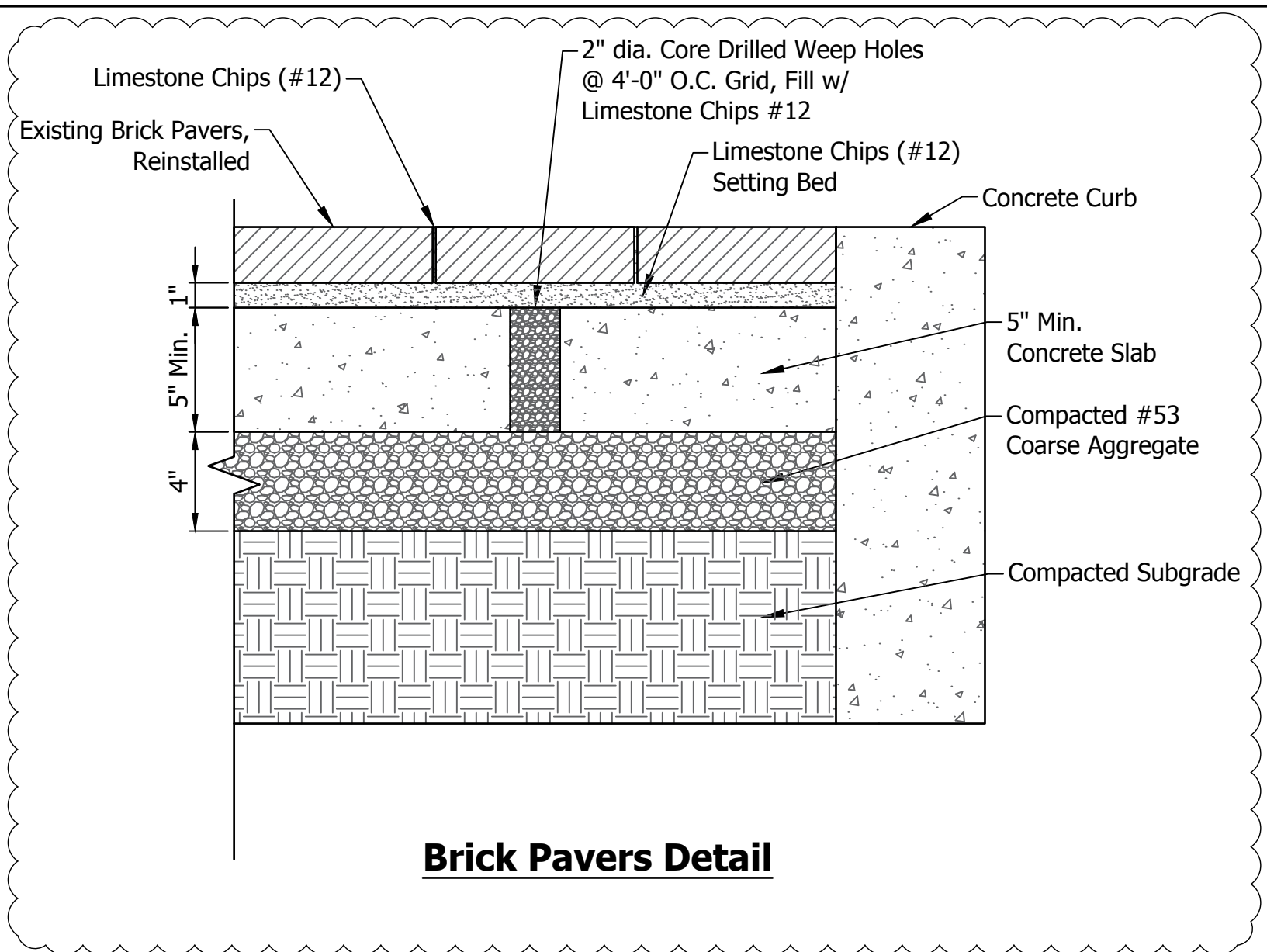
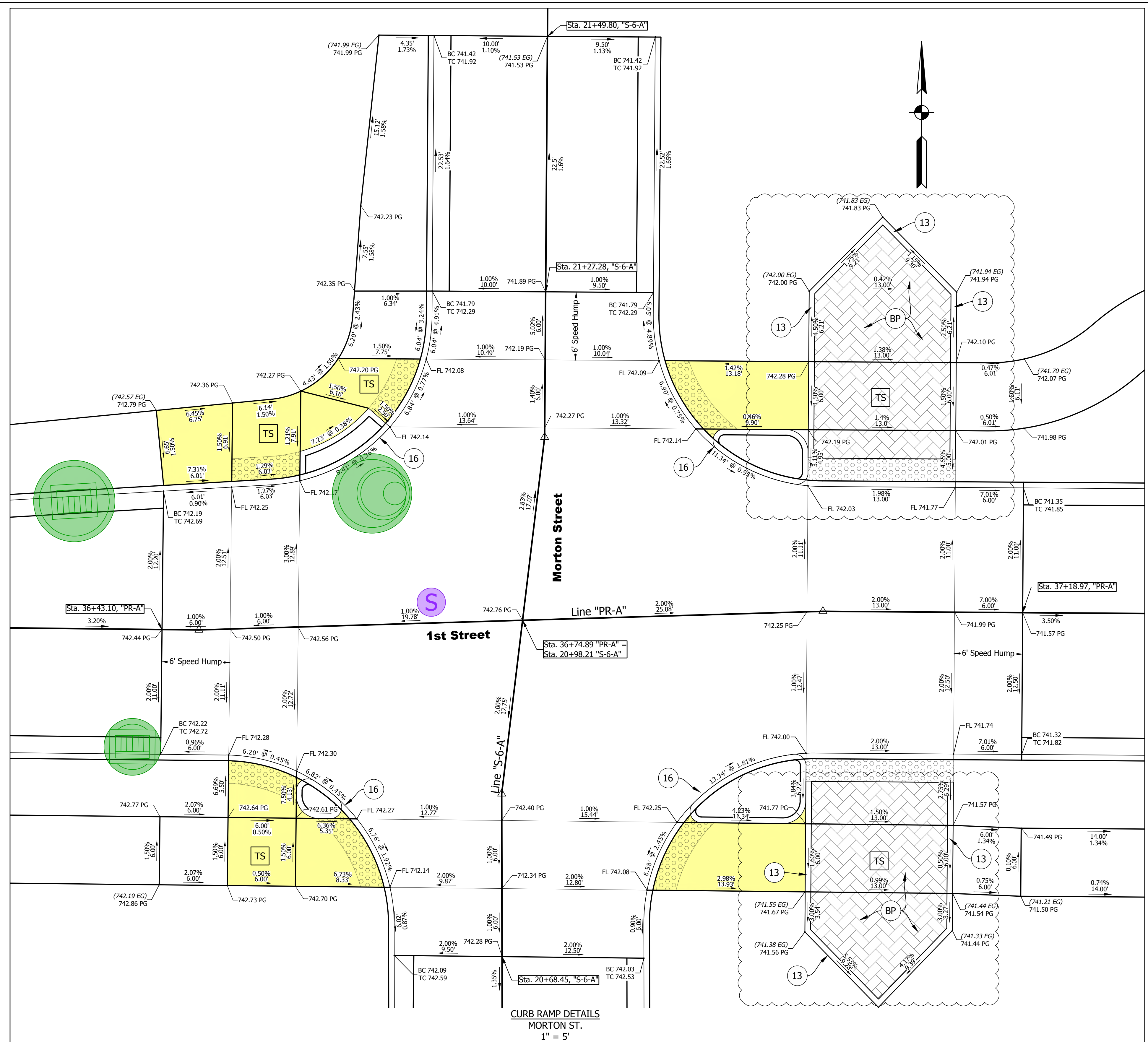
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|--------------------------|-----|-----------|
| RECOMMENDED FOR APPROVAL | | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS MADISON STREET

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 47 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details
 FILE: 4421 Curb Ramp Details.dwg
 DIMSCALE: 1/16" = 1' LTSCALE: 1/16"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 12:33pm

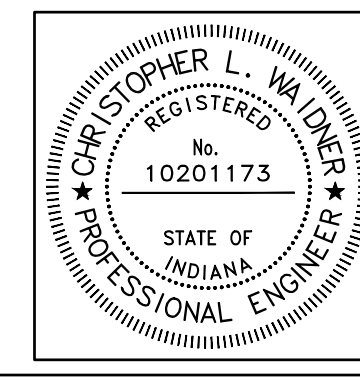


Brick Pavers Detail

LEGEND

| | | | |
|--|----------------------------|-------------|---------------------|
| | Detectable Warning Surface | (XXX.XX EG) | Existing Elevations |
| | Turning Space | XXX.XX | Proposed Elevations |
| | Curb, Island Concrete | | |
| | TC = Top of Curb | | |
| | BC = Bottom of Curb | | |
| | FL = Flush Curb | | |
| | Curb Ramp Pay Limits | | |
| | Curb, Concrete | | |
| | Brick Pavers | | |

| | |
|------------|--|
| DATE: | REVISIONS |
| 12/04/2023 | ADD DETAIL, UPDATE LEGEND AND CALLOUTS |



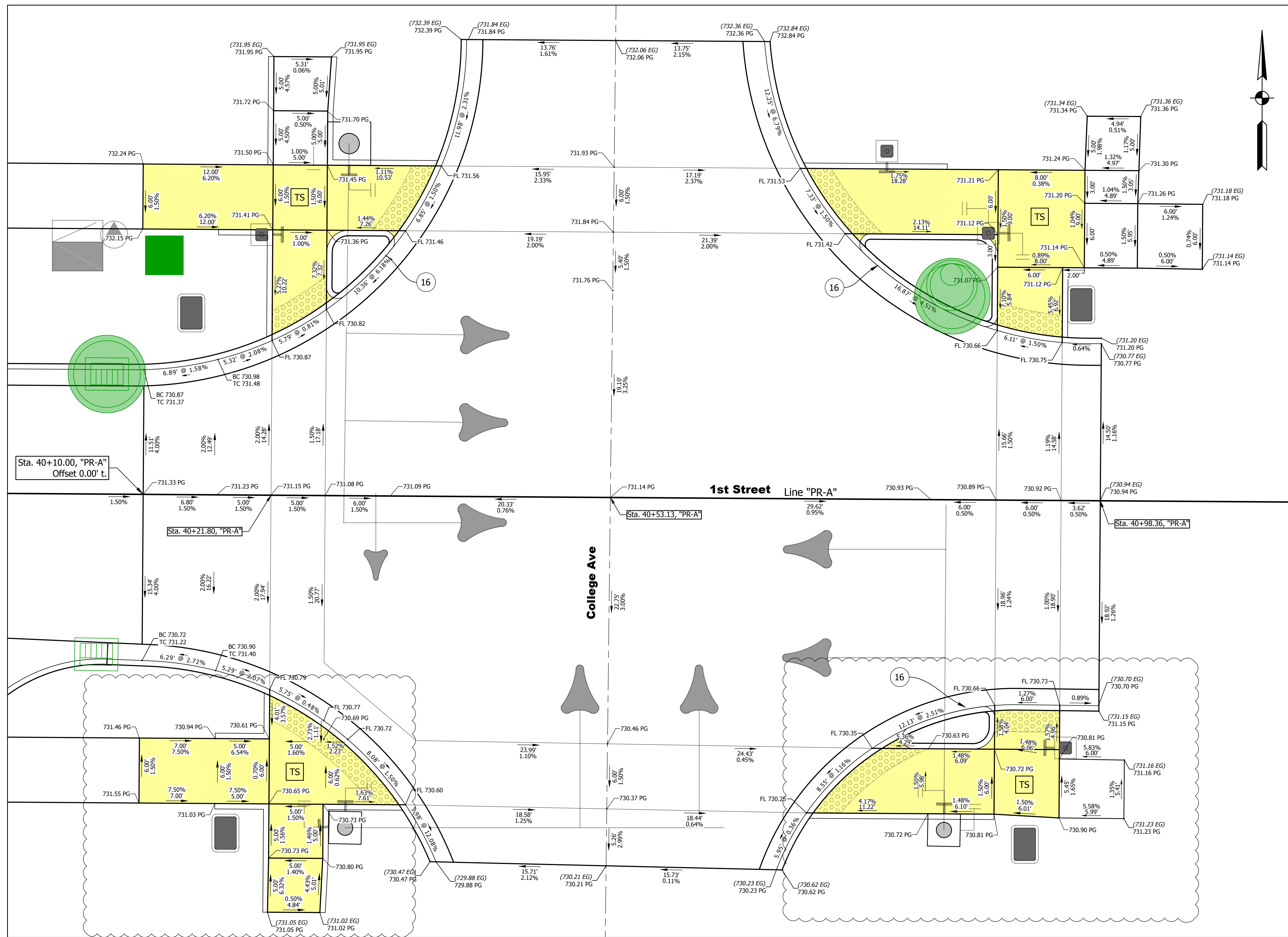
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|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION

**CURB RAMP DETAILS
MORTON ST.**

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 48 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details
 FILE: 4421 Curb Ramp Details.dwg
 DIMSCALE: 1/16" = 1' LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 12:35pm

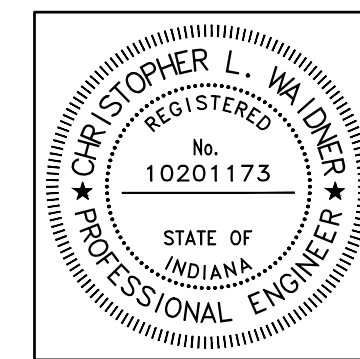


CURB RAMP DETAILS
 COLLEGE AVE.
 SCALE: 1" = 5'

LEGEND

- Detectable Warning Surface (XXX.XX EG) Existing Elevations
- Turning Space XXX.XX Proposed Elevations
- Curb, Island Concrete
- TC = Top of Curb
- BC = Bottom of Curb
- FL = Flush Curb
- Curb Ramp Pay Limits

| DATE: | REVISIONS |
|------------|------------------------------|
| 12/04/2023 | UPDATE ELEVATIONS AND LABELS |



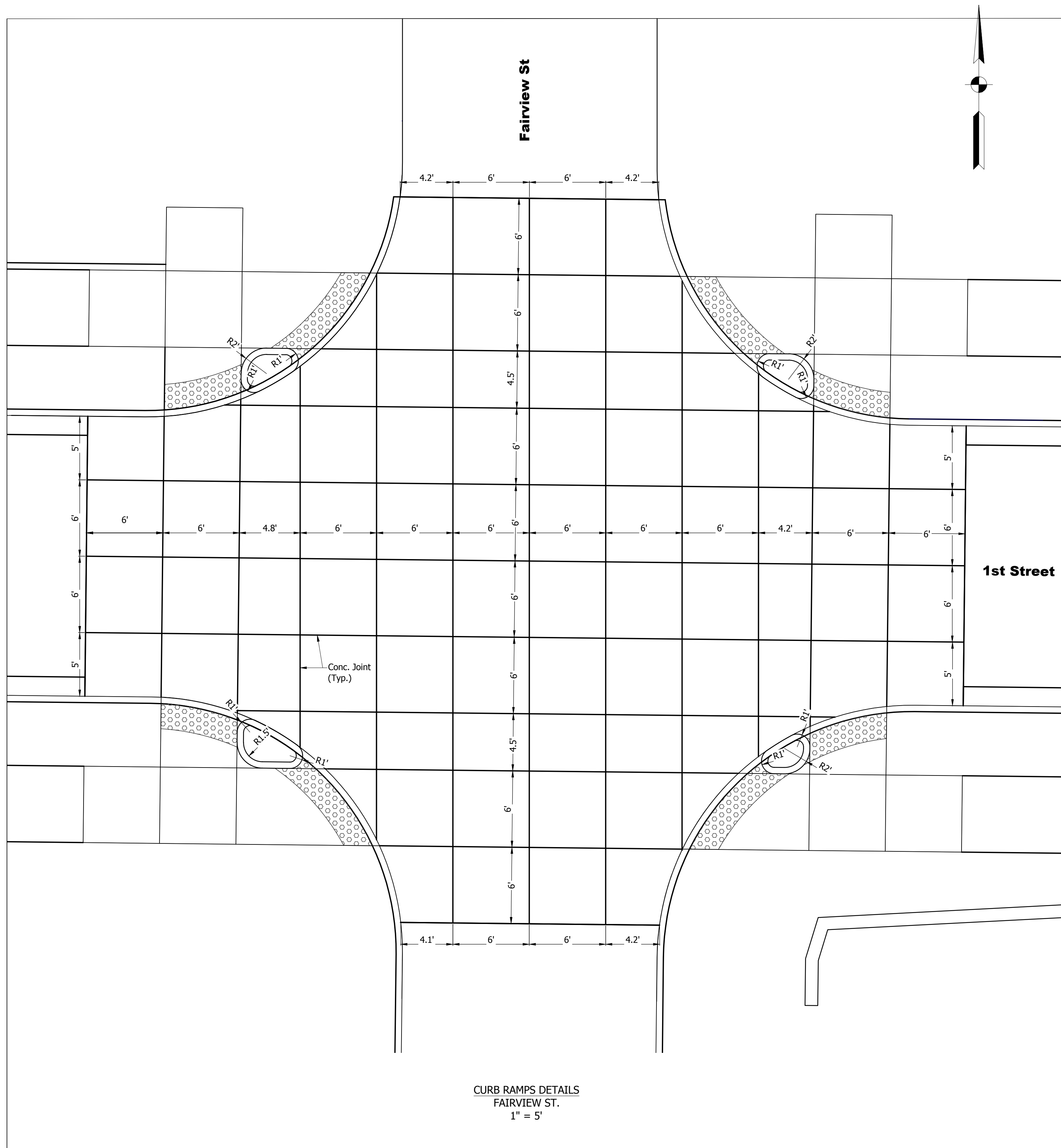
| | | |
|--------------------------|-----|-----------|
| RECOMMENDED FOR APPROVAL | | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION

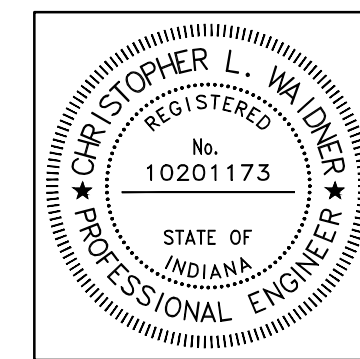
CURB RAMP DETAILS COLLEGE AVE

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 49 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details\Current\
 FILE: 4421 Joint details.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: KNewby
 DATE: Jun 14, 2023 - 1:19pm



CURB RAMPS DETAILS
 FAIRVIEW ST.
 1" = 5'



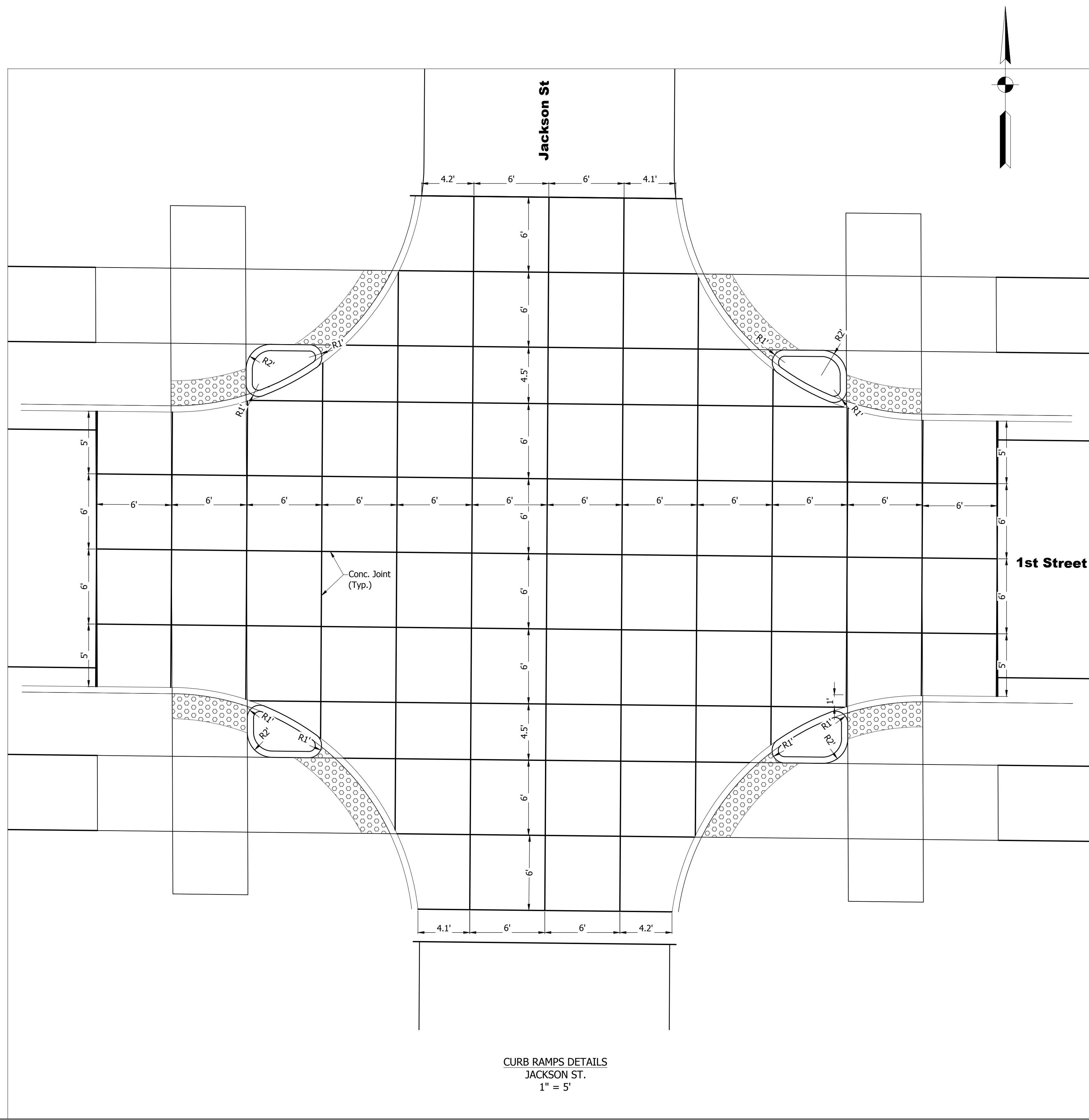
| | | |
|--------------------------|-------------------------------|--------------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: | RJB | DRAWN: RJB |
| CHECKED: | JTE | CHECKED: JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

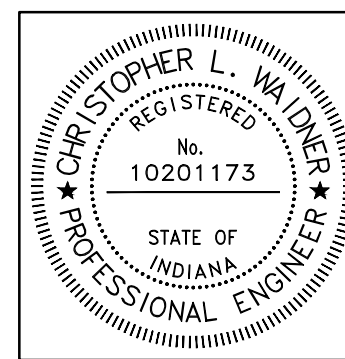
INTERSECTION JOINT DETAILS
FAIRVIEW ST.

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 50 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details\Current\
 FILE: 4421 Joint details.dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1/8"
 PLOTTED BY: KNewby
 DATE: Jun 14, 2023 - 1:18pm



CURB RAMPS DETAILS
 JACKSON ST.
 1" = 5'



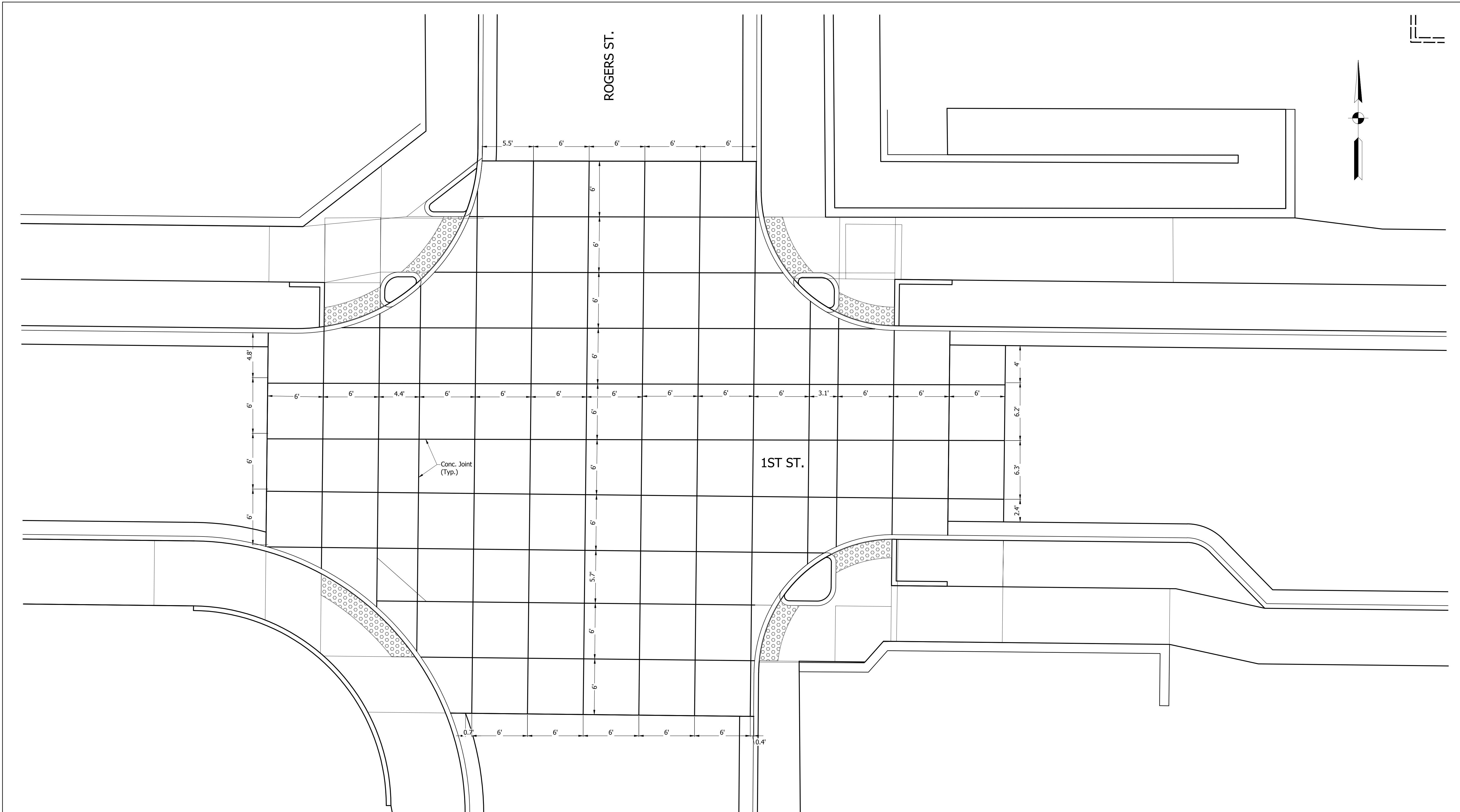
RECOMMENDED FOR APPROVAL
 Christopher L. Waldner
 No. 10201173
 STATE OF INDIANA
 REGISTERED PROFESSIONAL ENGINEER
 DATE: 6/14/2023
 Christopher Waldner

DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

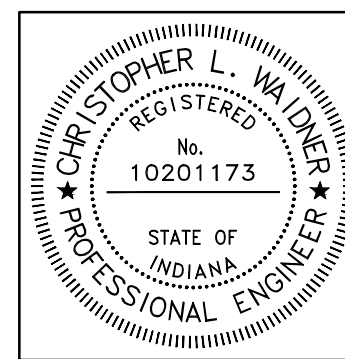
INDIANA
 DEPARTMENT OF TRANSPORTATION
 INTERSECTION JOINT DETAILS
 JACKSON ST.

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 51 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details\Current\
 FILE: 4421 Joint details.dwg
 DIMSCALE: 1/8" = 1'-0"
 PLOTTED BY: KNewby
 DATE: Jun 14, 2023 - 1:17pm



CURB RAMP DETAILS
 ROGERS ST.
 1" = 5'

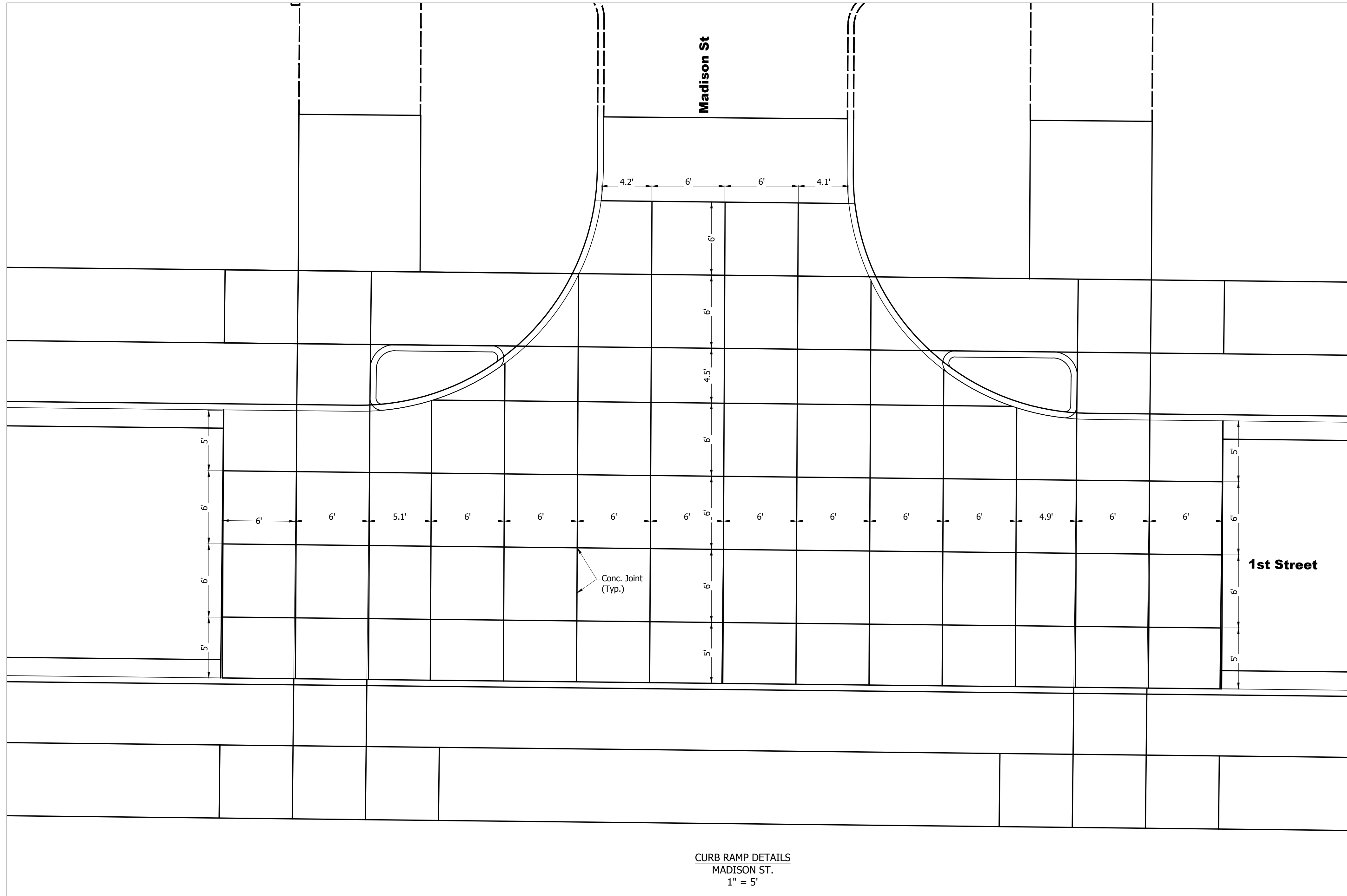
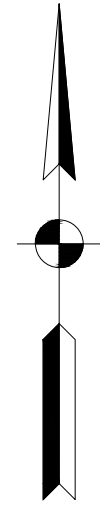


| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB | |
| CHECKED: JTE | CHECKED: JTE | |

INDIANA
 DEPARTMENT OF TRANSPORTATION

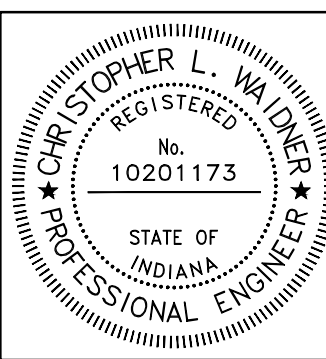
INTERSECTION JOINT DETAILS
 ROGERS ST.

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 52 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



CURB RAMP DETAILS
MADISON ST.
1" = 5'

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details\Current\
 FILE: 4421 Joint details.dwg
 DIMSCALE: 1/4" = 1'-0"
 PLOTTED BY: KNewby
 DATE: Jun 14, 2023 - 1:17pm



RECOMMENDED FOR APPROVAL: *Christopher L. Waldner* 6/14/2023
 Christopher Waldner DATE

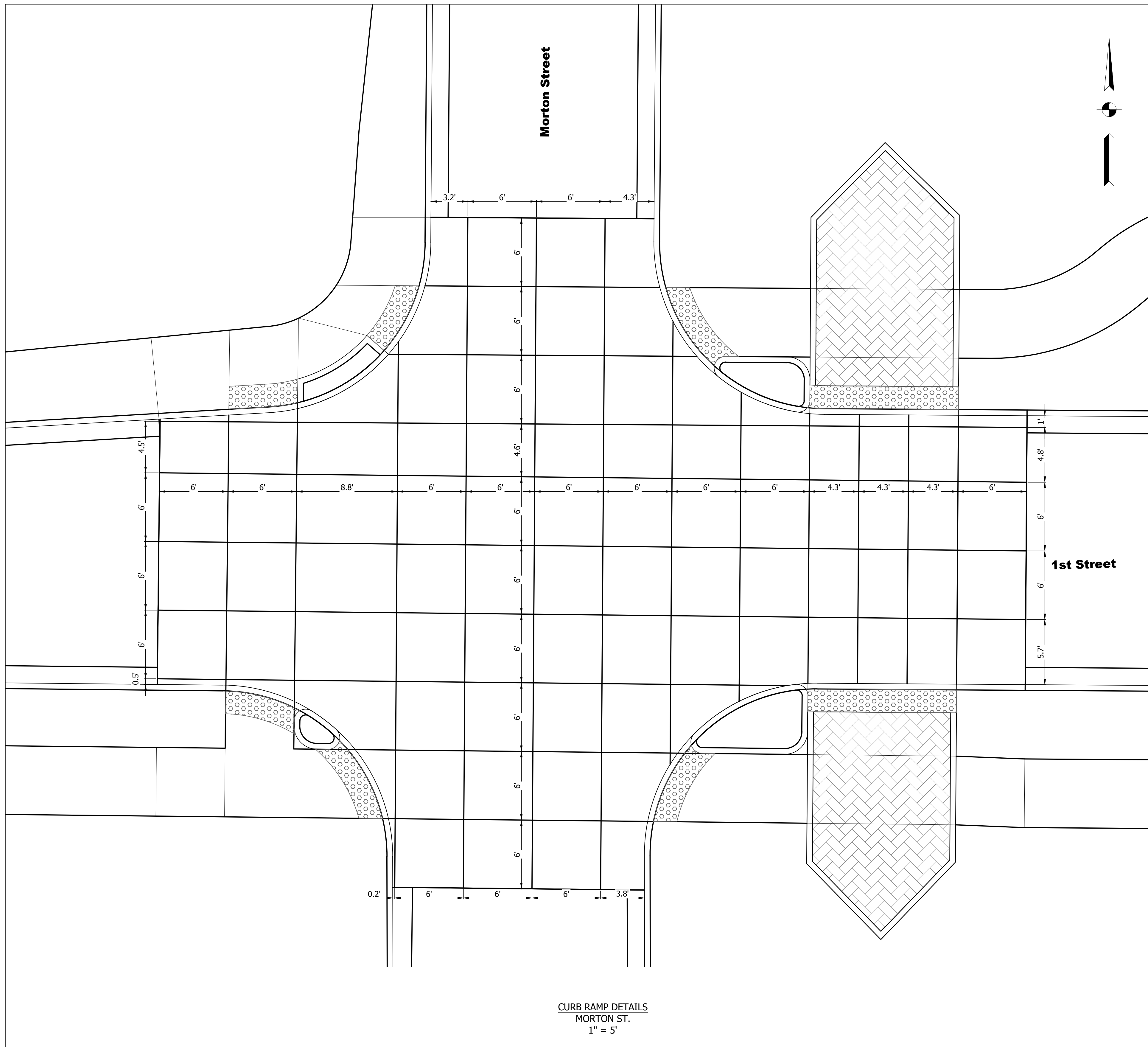
DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA
DEPARTMENT OF TRANSPORTATION

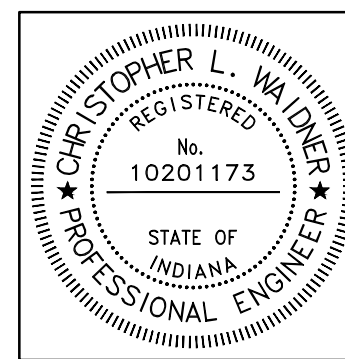
INTERSECTION JOINT DETAILS
MADISON STREET

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 53 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\04 Construction Details\Current\
 FILE: 4421 Joint details.dwg
 DIMSCALE: 1/8" = 1'-0"
 PLOTTED BY: KNewby
 DATE: Jun 14, 2023 - 1:16pm



CURB RAMP DETAILS
 MORTON ST.
 1" = 5'

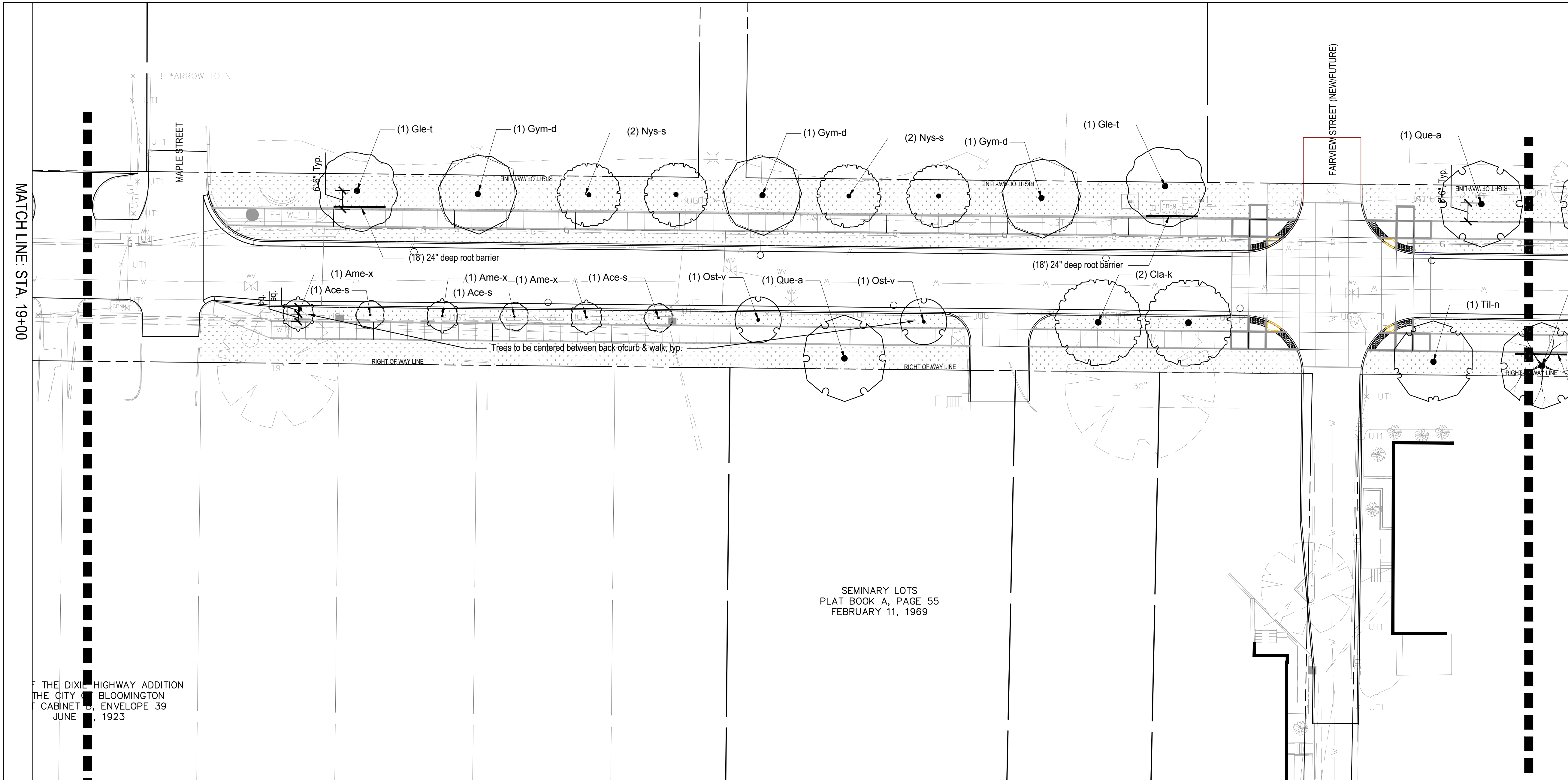


| | | |
|--------------------------|-------------------------------|--------------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 6/14/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: | RJB | DRAWN: RJB |
| CHECKED: | JTE | CHECKED: JTE |

INDIANA
 DEPARTMENT OF TRANSPORTATION

INTERSECTION JOINT DETAILS
 MORTON ST.

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS NOTED | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 54 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



MATCH LINE: STA. 19+00

MATCH LINE: STA. 24+00

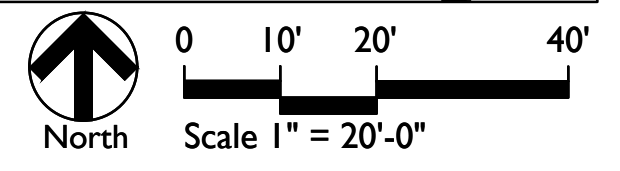
THE DIXIE HIGHWAY ADDITION
THE CITY OF BLOOMINGTON
CABINET B, ENVELOPE 39
JUNE 1923

SEMINARY LOTS
PLAT BOOK A, PAGE 55
FEBRUARY 11, 1969

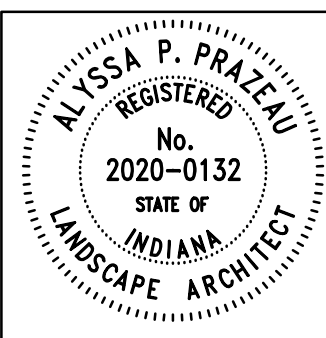
LANDSCAPE PLAN 'A'

GENERAL LANDSCAPE AND PLANTING NOTES

1. Refer to the Special Provisions, including Landscape Work. Refer to Plant Schedule and Planting Details for additional information.
2. The Contractor shall install new, imported planting soil in all proposed planted areas. Contractor shall coordinate quantity and placement of planting soil. Landscape subcontractor shall verify depth of planting soil prior to plant installation. Refer to the Special Provisions for planting soil requirements.
3. All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. On-site adjustments may be required.
4. Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT.
5. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
6. Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule. Plant material quantities shown on plan are minimum quantities. Additional material may be needed to meet spacing requirements and field conditions.
7. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or sod treatment.
8. The Contractor shall install and/or amend topsoil in all proposed bed areas to meet Specifications. Contractor shall coordinate quantity and placement of topsoil. Landscaper shall verify depth of topsoil prior to plant installation. (Refer to specifications for topsoil source and placement requirements)
9. All tree locations shall be marked with 2x2" stakes prior to planting for review and approval by the Landscape Architect. Any plant material installed in an incorrect location, by the judgment of the Landscape Architect, shall be reinstalled at the Contractor's expense.
10. All plant beds shall receive 3" minimum of shredded hardwood bark mulch (unless otherwise noted).
11. Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to Owner's satisfaction at no additional cost.
12. The Contractor shall maintain all plant material and lawns until the project is fully accepted by the Landscape Architect, unless otherwise noted.
13. All workmanship and materials shall be guaranteed by the Contractor for a period of one calendar year after Final Acceptance.
14. Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work.
15. Contractor shall test all tree pits for drainage. Any tree pit that holds water for more than 24 hours shall be installed using tree pit drainage.
16. Tree Protection Fencing is the responsibility of the Contractor. Minimum protected area shall include the full drip line of the canopy. NO construction activities, material storage, etc. may occur within that area. The Contractor shall ensure that no soil compaction or tree damage occurs in any Protected areas, at any time during the construction process.
17. Trees shall be matched in groups unless otherwise noted.



REFER TO LANDSCAPE DETAILS SHEET FOR PLANT SCHEDULE AND LEGEND



RECOMMENDED FOR APPROVAL: *Alyssa P. Prazau*
DESIGN ENGINEER DATE: 06/12/2023

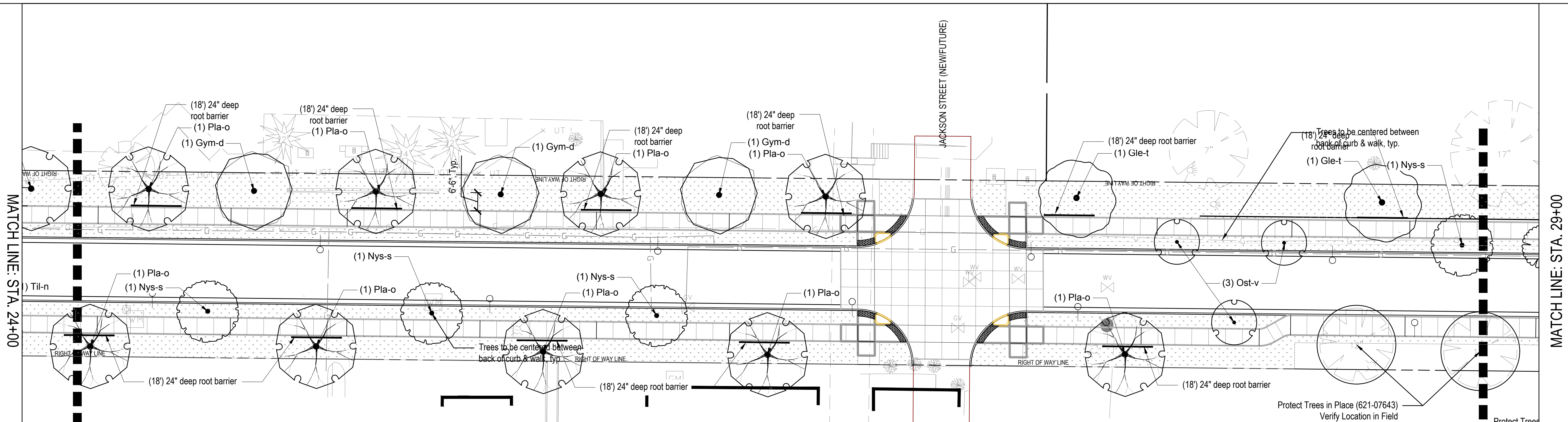
DESIGNED: SS DRAWN: SS
CHECKED: AP CHECKED: AP

INDIANA DEPARTMENT OF TRANSPORTATION

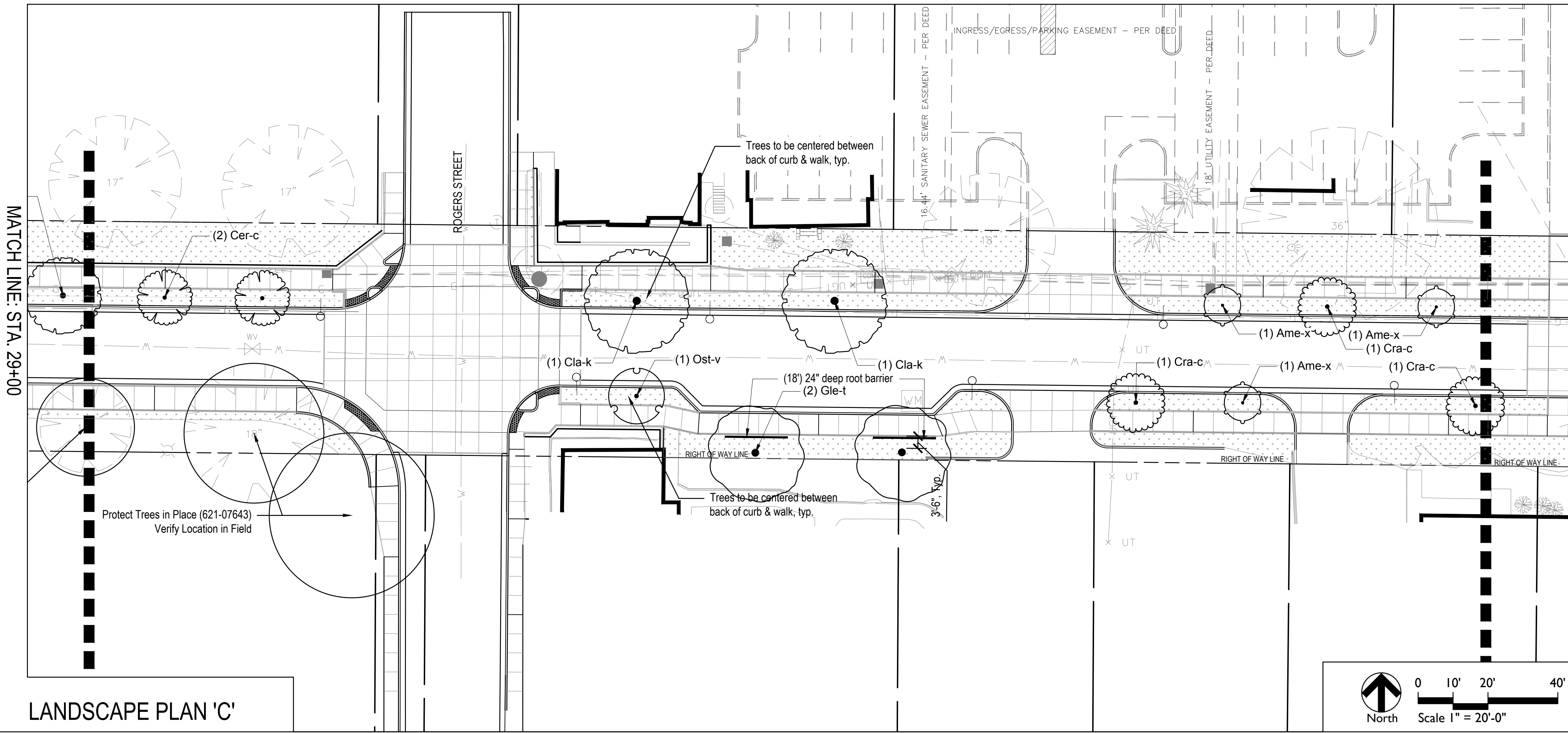
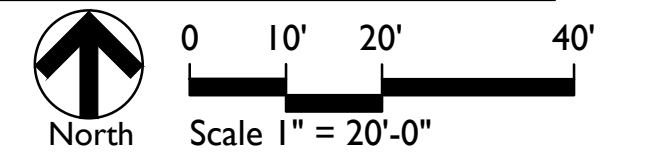
LANDSCAPE PLAN

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 55 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: C:\Users\aprazau\AppData\Local\Temp\AcPublish_139012\...
 FILE: L130 PLANTING PLAN.dwg
 DIMSCALE: 1/8" = 1'-0"
 PLOTTED BY: aprazau
 DATE: Jun 12, 2023 - 11:52pm



LANDSCAPE PLAN 'B'



LANDSCAPE PLAN 'C'

MATCH LINE: STA. 33+00

GENERAL LANDSCAPE AND PLANTING NOTES

1. Refer to the Special Provisions, including Landscape Work. Refer to Plant Schedule and Planting Details for additional information.
2. The Contractor shall install new, imported planting soil in all proposed planted areas. Contractor shall coordinate quantity and placement of planting soil. Landscape subcontractor shall verify depth of planting soil prior to plant installation. Refer to the Special Provisions for planting soil requirements.
3. All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. On-site adjustments may be required.
4. Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT.
5. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
6. Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule. Plant material quantities shown on plan are minimum quantities. Additional material may be needed to meet spacing requirements and field conditions.
7. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or sod treatment.
8. The Contractor shall install and/or amend topsoil in all proposed bed areas to meet Specifications. Contractor shall coordinate quantity and placement of topsoil. Landscape Architect shall verify depth of topsoil prior to plant installation. (Refer to specifications for topsoil source and placement requirements)
9. All tree locations shall be marked with 2x2" stakes prior to planting for review and approval by the Landscape Architect. Any plant material installed in an incorrect location, by the judgment of the Landscape Architect, shall be reinstalled at the Contractor's expense.
10. All plant beds shall receive 3" minimum of shredded hardwood bark mulch (unless otherwise noted).
11. Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to Owner's satisfaction at no additional cost.
12. The Contractor shall maintain all plant material and lawns until the project is fully accepted by the Landscape Architect, unless otherwise noted.
13. All workmanship and materials shall be guaranteed by the Contractor for a period of one calendar year after Final Acceptance.
14. Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work.
15. Contractor shall test all tree pits for drainage. Any tree pit that holds water for more than 24 hours shall be installed using tree pit drainage.
16. Tree Protection Fencing is the responsibility of the Contractor. Minimum protected area shall include the full drip line of the canopy. NO construction activities, material storage, etc. may occur within that area. The Contractor shall ensure that no soil compaction or tree damage occurs in any Protected areas, at any time during the construction process.
17. Trees shall be matched in groups unless otherwise noted.

REFER TO LANDSCAPE DETAILS SHEET FOR PLANT SCHEDULE AND LEGEND

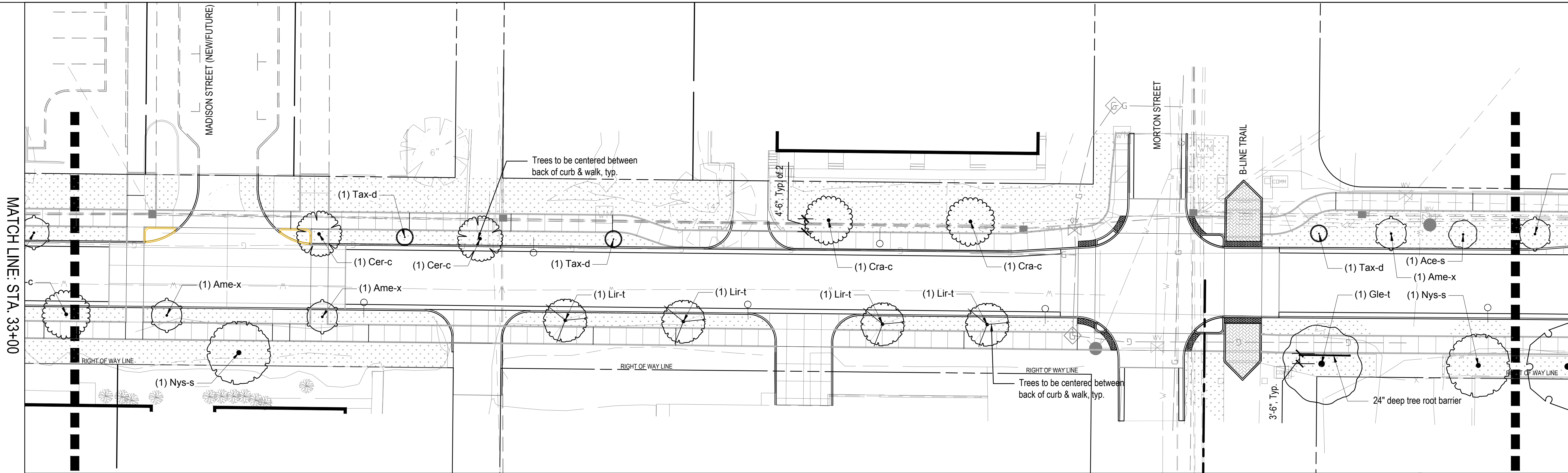


RECOMMENDED FOR APPROVAL: *Alyssa P. Prazan*
 DESIGN ENGINEER DATE: 06/12/2023
 DESIGNED: SS DRAWN: SS
 CHECKED: AP CHECKED: AP

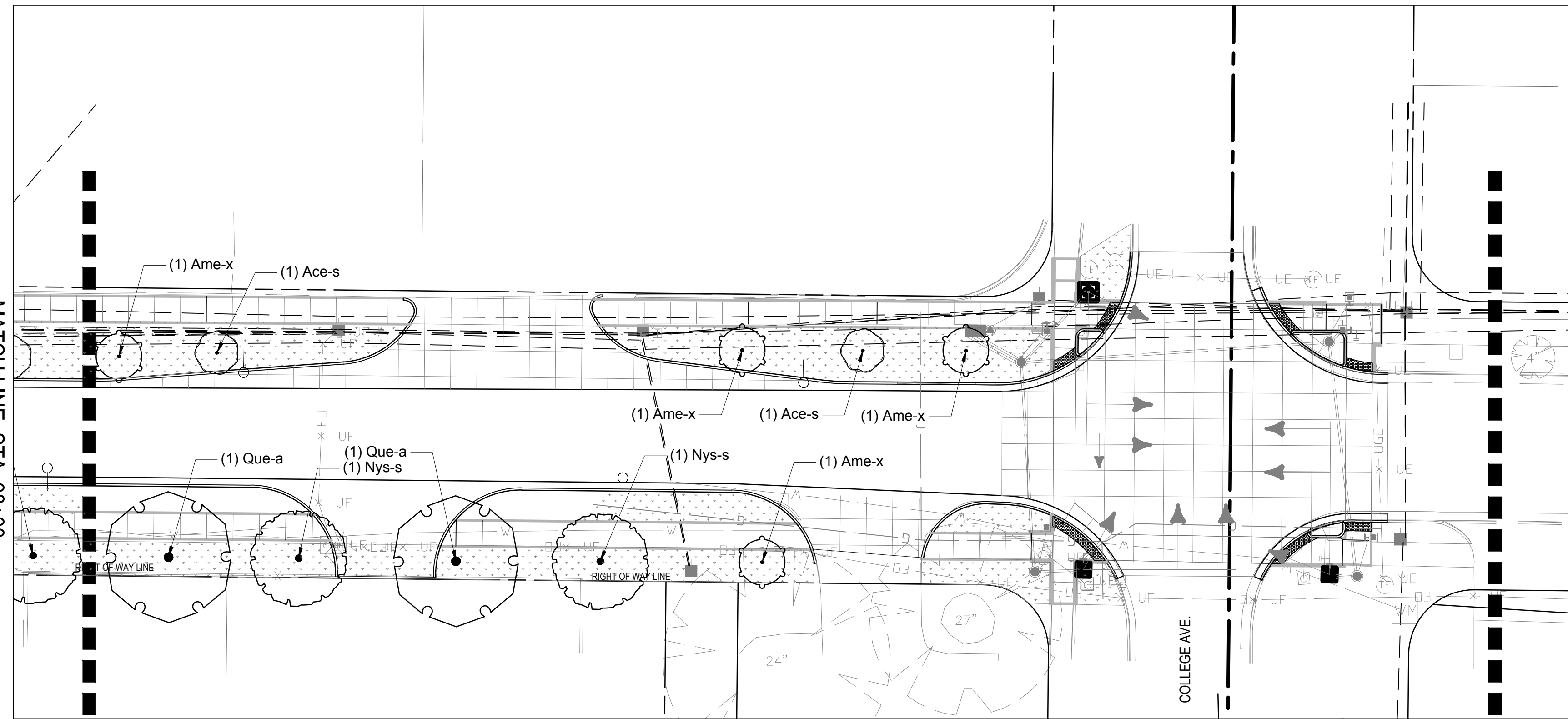
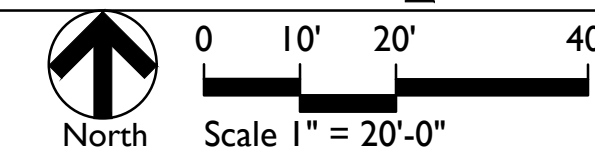
INDIANA DEPARTMENT OF TRANSPORTATION
LANDSCAPE PLAN

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 56 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

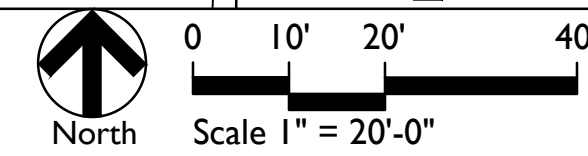
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 PLOTTED BY: aprazan
 DATE: Jun 12, 2023 - 11:52pm



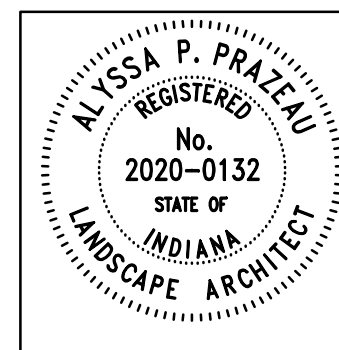
LANDSCAPE PLAN 'D'



LANDSCAPE PLAN 'E'



REFER TO LANDSCAPE DETAILS SHEET FOR PLANT SCHEDULE AND LEGEND



| | | |
|--------------------------|-------------------------|-------------|
| RECOMMENDED FOR APPROVAL | <i>Alyssa P. Prazan</i> | 06/12/2023 |
| | DESIGN ENGINEER | DATE |
| DESIGNED: | SS | DRAWN: SS |
| CHECKED: | AP | CHECKED: AP |

| | |
|---|--|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| LANDSCAPE PLAN | |

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20'-0" | N/A |
| VERTICAL SCALE | DESIGNATION |
| | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 57 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: C:\Users\aprazan\AppData\Local\Temp\AcPublish_139012\
 FILE: L130 PLANTING PLAN.dwg
 DIMSCALE: 1/4" = 1'-0"
 PLOTTED BY: aprazan
 DATE: Jun 12, 2023 - 11:52pm

PLANT SCHEDULE

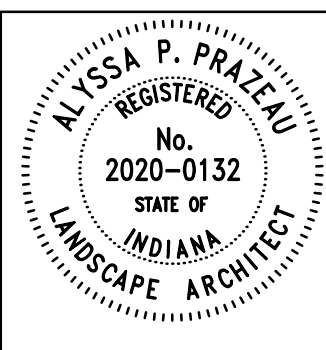
| TREES | QTY | BOTANICAL NAME | COMMON NAME | CONT | CAL | REMARKS |
|------------------|-----|---|--------------------------------|-------|--------|---|
| Cla-k | 4 | Cladrastris kentuckea | Yellowwood | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Gle-t | 7 | Gleditsia triacanthos 'Skycole' | Skyline Honeylocust | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Gym-d | 6 | Gymnocaldus dioica | Kentucky Coffee Tree | B & B | 2" Cal | full, strong central leader, matched |
| Lir-t | 4 | Liriodendron tulipifera 'Arnold' | American Sycamore Tree | B & B | 2" Cal | full, strong central leader, matched |
| Nys-s | 12 | Nyssa sylvatica 'David Odom' | Afterburner Black Gum | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Pla-o | 9 | Platanus occidentalis | American Sycamore Tree | B & B | 2" Cal | full, strong central leader, matched |
| Que-a | 3 | Quercus alba | White Oak | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Tax-d | 3 | Taxodium distichum 'Skyward' | Lindsey's Skyward Baldcypress | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Til-n | 1 | Tilia americana | American Linden | B & B | 2" Cal | full, strong central leader, matched, uniform |
| UNDERSTORY TREES | QTY | BOTANICAL NAME | COMMON NAME | CONT | CAL | REMARKS |
| Ace-s | 6 | Acer saccharum 'Apollo' | Apollo Sugar Maple | B & B | 2" Cal | |
| Ame-x | 13 | Amelanchier x grandiflora 'Autumn Brilliance' | Autumn Brilliance Serviceberry | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Cer-c | 4 | Cercis canadensis | Eastern Redbud | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Cra-c | 5 | Crataegus crus-galli var. inermis 'Crusader' | Crusative Thornless Hawthorn | B & B | 2" Cal | full, strong central leader, matched, uniform |
| Ost-v | 6 | Ostrya virginiana | American Hop-hronbeam | B & B | 2" Cal | full, strong central leader, matched, uniform |

621-06574 Sodding

GENERAL LANDSCAPE AND PLANTING NOTES

- Refer to the Special Provisions, including Landscape Work. Refer to Plant Schedule and Planting Details for additional information.
- The Contractor shall install new, imported planting soil in all proposed planted areas. Contractor shall coordinate quantity and placement of planting soil. Landscape subcontractor shall verify depth of planting soil prior to plant installation. Refer to the Special Provisions for planting soil requirements.
- All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. On-site adjustments may be required.
- Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT.
- Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
- Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule. Plant material quantities shown on plan are minimum quantities. Additional material may be needed to meet spacing requirements and field conditions.
- Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or sod treatment.
- The Contractor shall install and/or amend topsoil in all proposed bed areas to meet Specifications. Contractor shall coordinate quantity and placement of topsoil. Landscaper shall verify depth of topsoil prior to plant installation. (Refer to specifications for topsoil source and placement requirements)
- All tree locations shall be marked with 2x2" stakes prior to planting for review and approval by the Landscape Architect. Any plant material installed in an incorrect location, by the judgment of the Landscape Architect, shall be reinstalled at the Contractor's expense.
- All plant beds shall receive 3" minimum of shredded hardwood bark mulch (unless otherwise noted).
- Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to Owner's satisfaction at no additional cost.
- The Contractor shall maintain all plant material and lawns until the project is fully accepted by the Landscape Architect, unless otherwise noted.
- All workmanship and materials shall be guaranteed by the Contractor for a period of one calendar year after Final Acceptance.
- Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work.
- Contractor shall test all tree pits for drainage. Any tree pit that holds water for more than 24 hours shall be installed using tree pit drainage.
- Tree Protection Fencing is the responsibility of the Contractor. Minimum protected area shall include the full drip line of the canopy. NO construction activities, material storage, etc. may occur within that area. The Contractor shall ensure that no soil compaction or tree damage occurs in any Protected areas, at any time during the construction process.
- Trees shall be matched in groups unless otherwise noted.

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 PLOTTED BY: aprazeau
 DATE: Jun 12, 2023 - 10:56pm



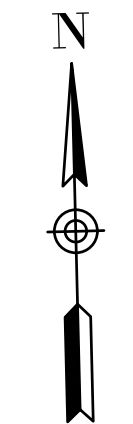
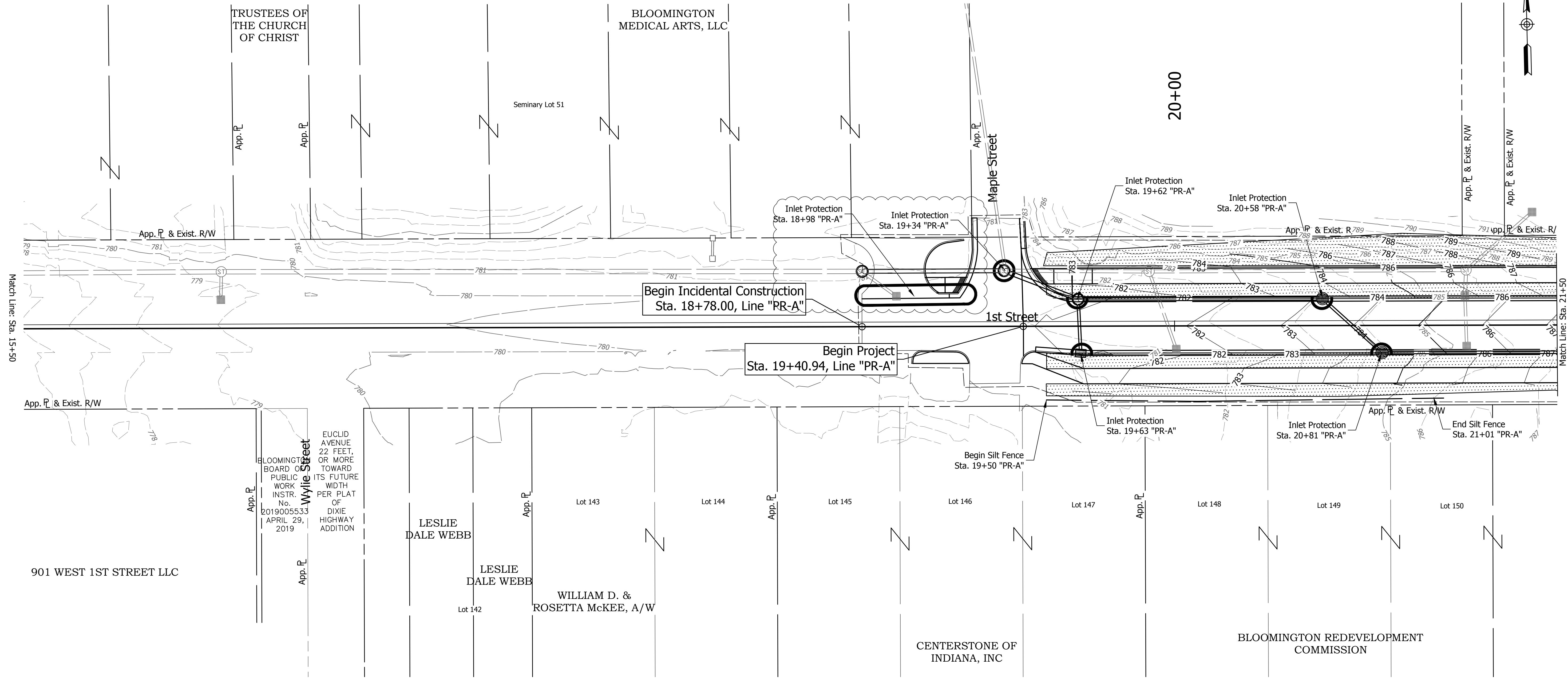
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|--------------------------|--------------------------|-------------|
| RECOMMENDED FOR APPROVAL | <i>Alyssa P. Prazeau</i> | 06/12/2023 |
| DESIGNED: | SS | DRAWN: SS |
| CHECKED: | AP | CHECKED: AP |

INDIANA DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| VERTICAL SCALE | N/A |
| | DESIGNATION |
| | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 58 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY...F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\06 Erosion and Sediment Control\FILE...4421 Erosion Control Plan.dwg
 DIMSCALE:1 LTSCALE:1
 PLOTTED BY: ABuzza
 DATE: Dec 04 2023 - 2:38pm



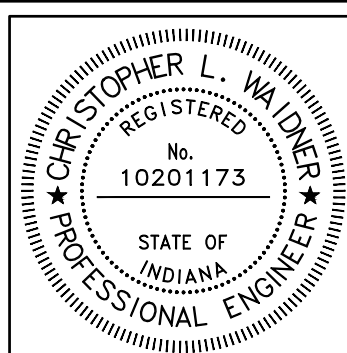
EROSION CONTROL LEGEND

- Existing Flow Line
- - - Proposed Flow Line
- Silt Fence
- [Stippled Area] Temporary Seeding Or Permanent Sodding
- [Curb Symbol] Temporary Curb
- [Circle Symbol] Inlet Protection

EROSION CONTROL NOTES

- *Temporary seeding shall be applied immediately in all disturbed grass areas and maintained until directed otherwise. For ditch grades greater than 1% and less than 3%, the ditch shall be lined with sodding. For ditch grades 3% and greater the ditch shall be lined with revetment or uniform riprap.
- *Use seed mixture type "R" for all disturbed areas, except those areas which require sodding or riprap.
- *For permanent sodding, riprap and paved side ditch limits, see Plan and Profile sheets.
- *Erosion control blanket shall be used on any disturbed area with a slope greater than 3:1, (unless noted otherwise).
- *Utilize slope drains temporarily at underdrain outlets prior to installation of underdrain outlet protectors.

| DATE: | REVISIONS |
|------------|----------------------|
| 12/04/2023 | ADD INLET PROTETCION |



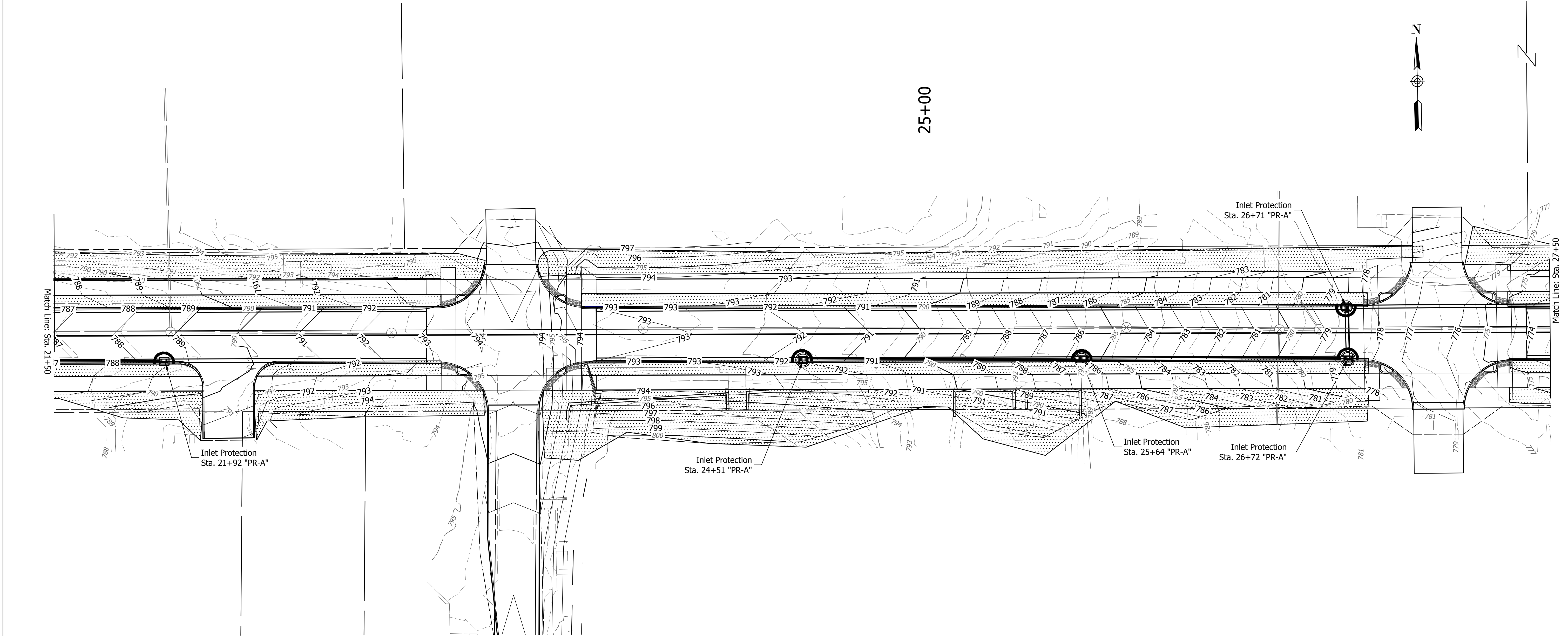
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|--------------------------|-------------------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waidner</i> | 12/4/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA. 15+50 TO STA. 21+50

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 59 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\06 Erosion and Sediment Control
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 PLOTTED BY: ABUZZA
 DATE: Jun 13, 2023 - 12:15pm



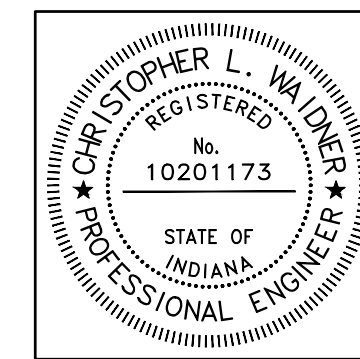
25+00

EROSION CONTROL LEGEND

- Existing Flow Line
- Proposed Flow Line
- Silt Fence
- Temporary Seeding Or Permanent Sodding
- Temporary Curb Inlet Protection

EROSION CONTROL NOTES

- *Temporary seeding shall be applied immediately in all disturbed grass areas and maintained until directed otherwise. For ditch grades greater than 1% and less than 3%, the ditch shall be lined with sodding. For ditch grades 3% and greater the ditch shall be lined with revetment or uniform riprap.
- *Use seed mixture type "R" for all disturbed areas, except those areas which require sodding or riprap.
- *For permanent sodding, riprap and paved side ditch limits, see Plan and Profile sheets.
- *Erosion control blanket shall be used on any disturbed area with a slope greater than 3:1, (unless noted otherwise).
- *Utilize slope drains temporarily at underdrain outlets prior to installation of underdrain outlet protectors.



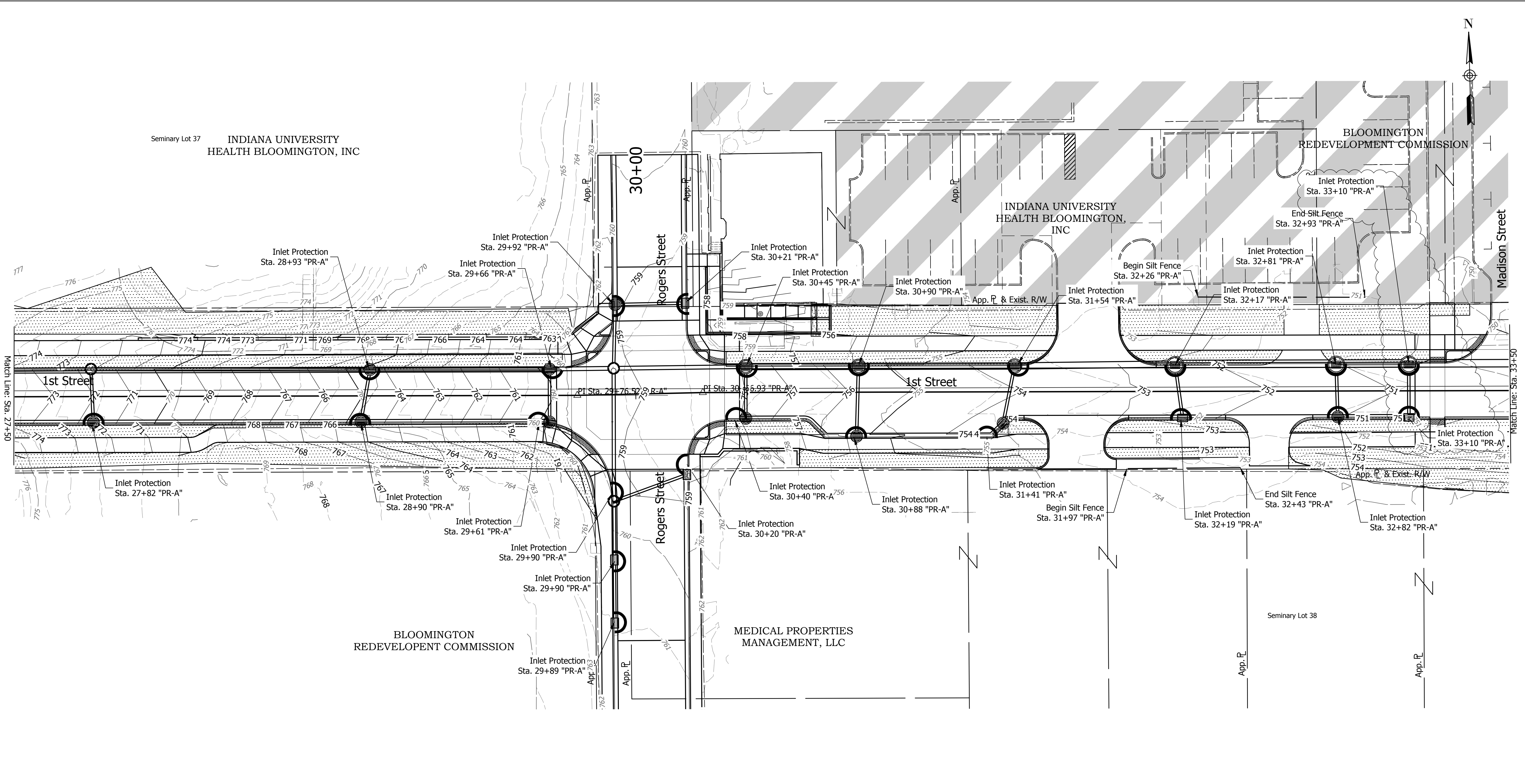
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| RECOMMENDED FOR APPROVAL | | 6/13/2023 |
| | Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB | |
| CHECKED: JTE | CHECKED: JTE | |

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA. 21+50 TO STA. 27+50

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 60 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

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 PLOTTED BY...ABUZZA
 DATE...Dec 04, 2023 - 2:39pm



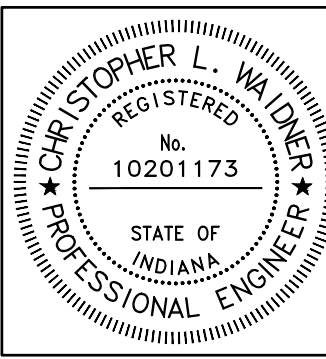
EROSION CONTROL LEGEND

- Existing Flow Line
- - - Proposed Flow Line
- Silt Fence
- [Stippled Area] Temporary Seeding Or Permanent Sodding
- [Curb Symbol] Temporary Curb
- [Circle Symbol] Inlet Protection

EROSION CONTROL NOTES

- *Temporary seeding shall be applied immediately in all disturbed grass areas and maintained until directed otherwise. For ditch grades greater than 1% and less than 3%, the ditch shall be lined with sodding. For ditch grades 3% and greater the ditch shall be lined with revetment or uniform riprap.
- *Use seed mixture type "R" for all disturbed areas, except those areas which require sodding or riprap.
- *For permanent sodding, riprap and paved side ditch limits, see Plan and Profile sheets.
- *Erosion control blanket shall be used on any disturbed area with a slope greater than 3:1, (unless noted otherwise).
- *Utilize slope drains temporarily at underdrain outlets prior to installation of underdrain outlet protectors.

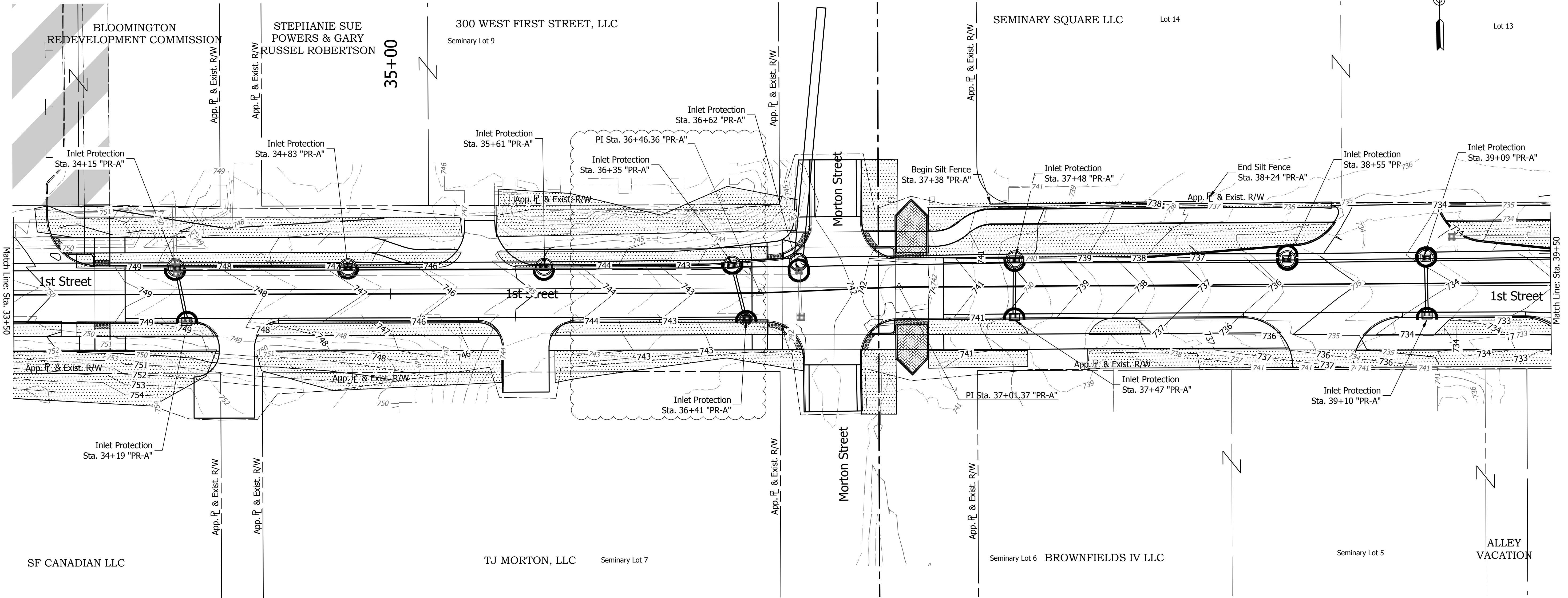
| DATE: | REVISIONS |
|------------|--------------------|
| 12/04/2023 | UPDATE STORM SEWER |



| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waidner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
STA. 27+50 TO STA. 33+50

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 61 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



EROSION CONTROL LEGEND

- Existing Flow Line
- - - Proposed Flow Line
- Silt Fence
- [Stippled Area] Temporary Seeding Or Permanent Sodding
- [Curb Symbol] Temporary Curb
- [Circle Symbol] Inlet Protection

EROSION CONTROL NOTES

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- *Erosion control blanket shall be used on any disturbed area with a slope greater than 3:1, (unless noted otherwise).
- *Utilize slope drains temporarily at underdrain outlets prior to installation of underdrain outlet protectors.

| DATE: | REVISIONS |
|------------|---|
| 12/04/2023 | UPDATE INLET PROTECTION LOCATION AND LABELS |



| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

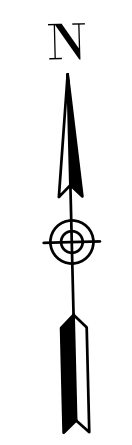
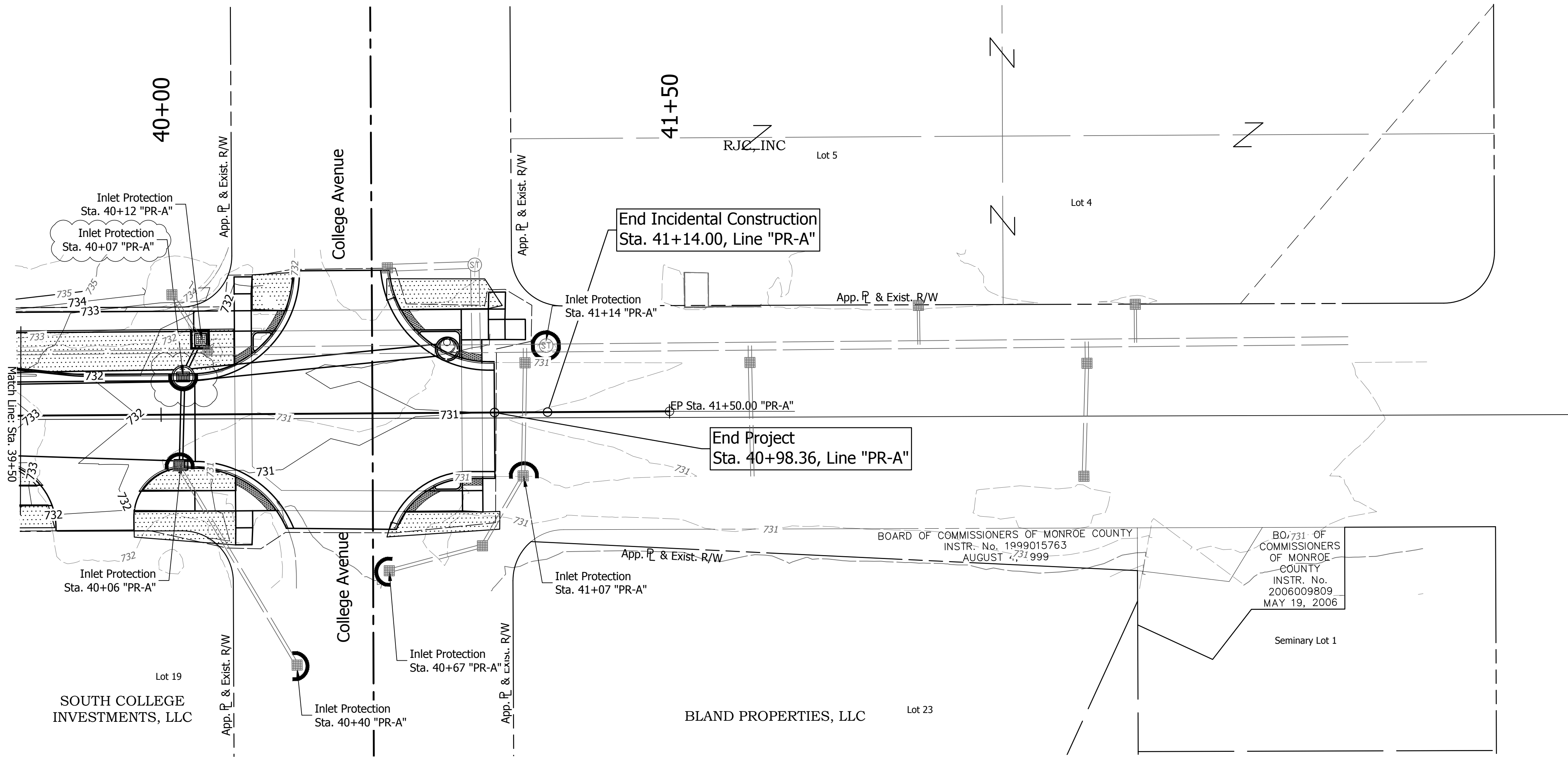
INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA. 33+50 TO STA. 39+50

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 62 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\06 Erosion and Sediment Control
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 DATE: Dec 04, 2023 - 2:40pm

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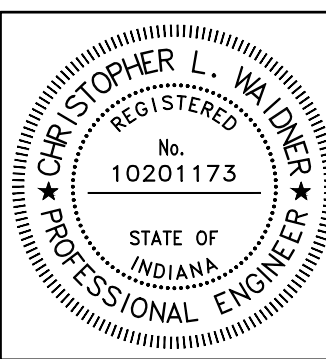
EROSION CONTROL LEGEND

- Existing Flow Line
- Proposed Flow Line
- Silt Fence
- Temporary Seeding Or Permanent Sodding
- Temporary Curb Inlet Protection

EROSION CONTROL NOTES

- *Temporary seeding shall be applied immediately in all disturbed grass areas and maintained until directed otherwise. For ditch grades greater than 1% and less than 3%, the ditch shall be lined with sodding. For ditch grades 3% and greater the ditch shall be lined with revetment or uniform riprap.
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- *Erosion control blanket shall be used on any disturbed area with a slope greater than 3:1, (unless noted otherwise).
- *Utilize slope drains temporarily at underdrain outlets prior to installation of underdrain outlet protectors.

| DATE: | REVISIONS |
|------------|---|
| 12/04/2023 | UPDATE INLET PROTECTION LOCATION AND LABELS |



| | | |
|--------------------------|-----|-----------|
| RECOMMENDED FOR APPROVAL | | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

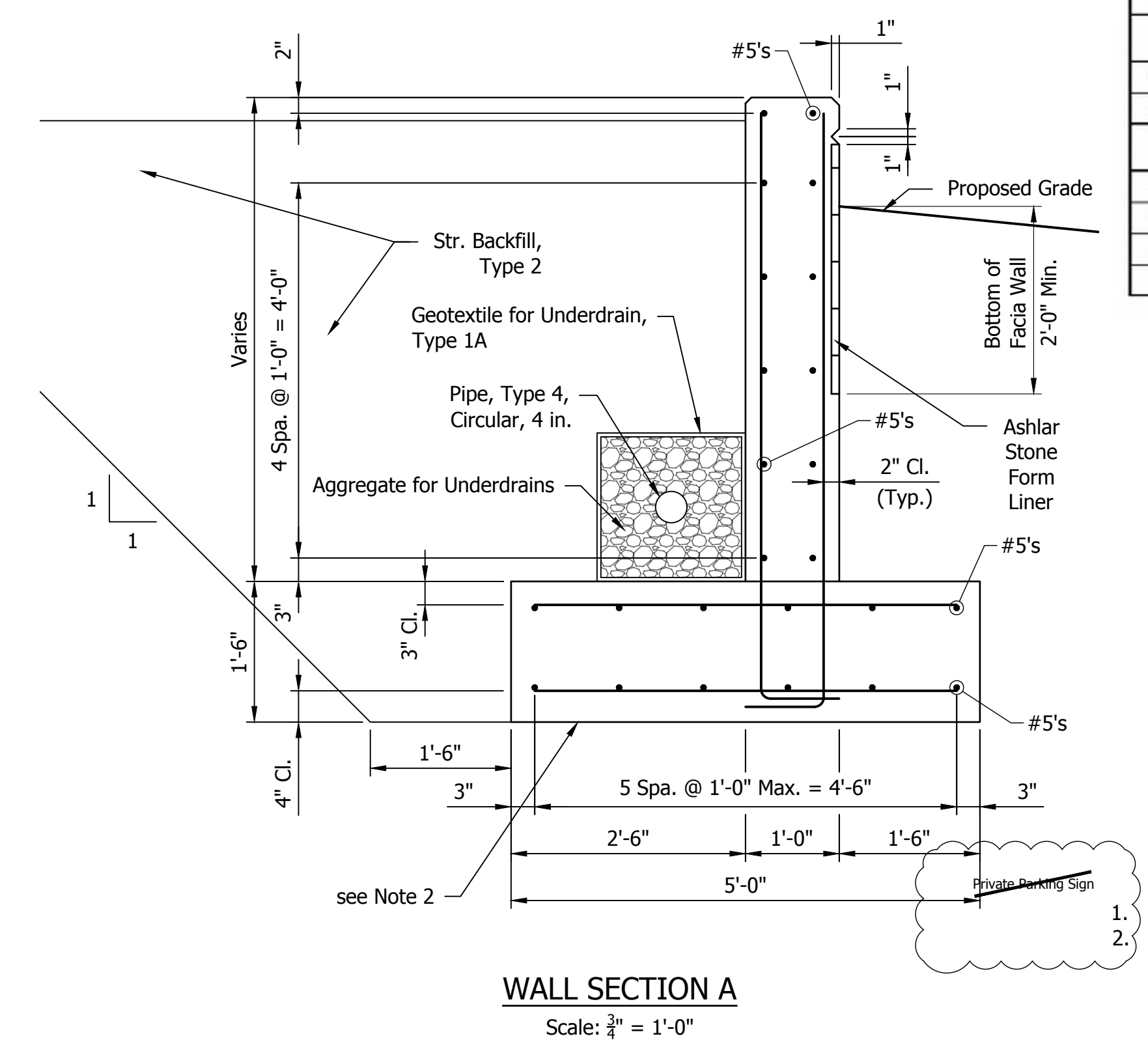
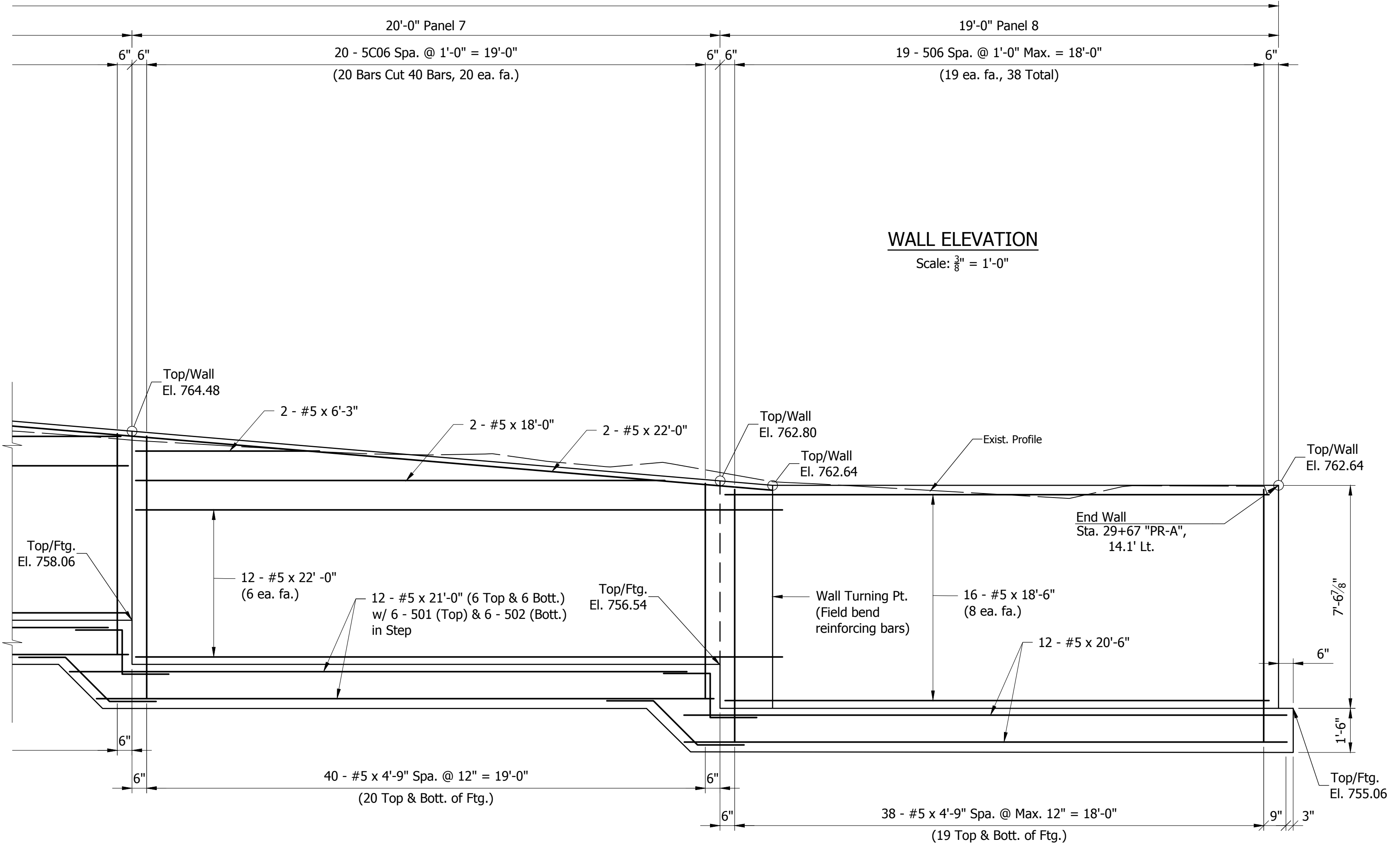
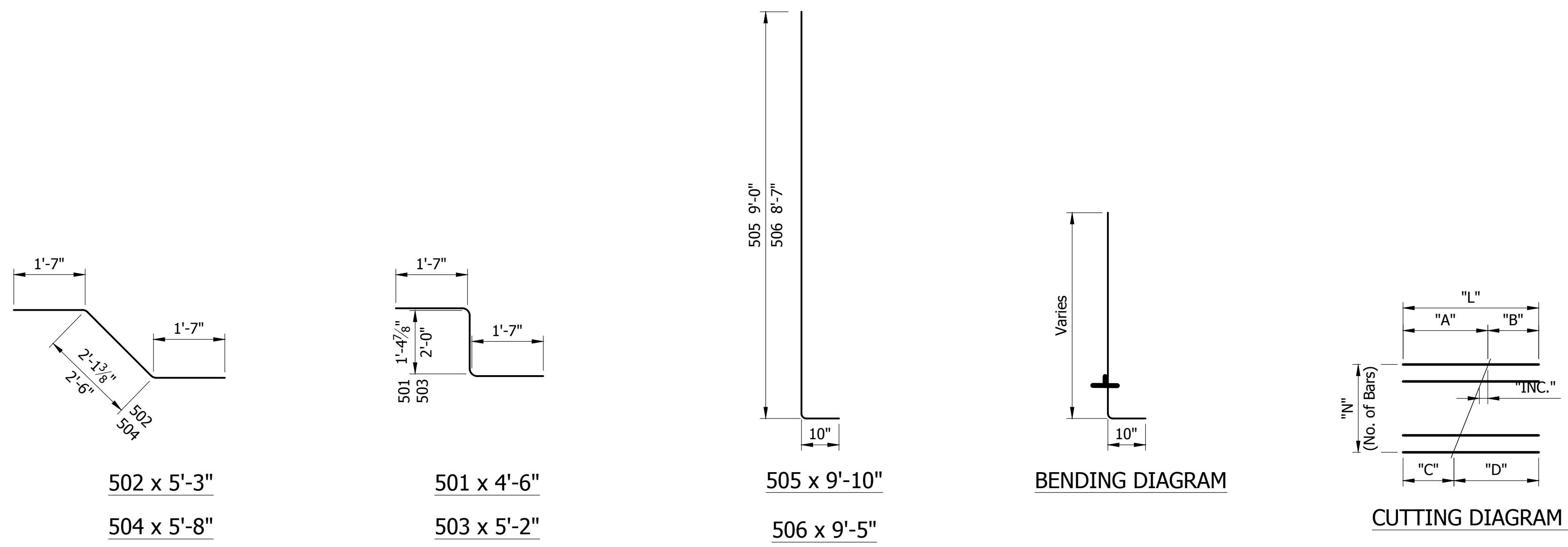
EROSION CONTROL PLAN
STA. 39+50 TO END

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 63 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

**BILL OF MATERIALS
WEST RETAINING WALL**

| REINFORCING BARS | | | |
|------------------------------------|-------------|---------|---------------|
| Size & Mark | No. of Bars | Length | Weight (Lbs.) |
| 501 | 24 | 4'-6" | |
| 502 | 24 | 5'-3" | |
| 503 | 18 | 5'-2" | |
| 504 | 18 | 5'-8" | |
| 505 | 50 | 9'-10" | |
| 506 | 38 | 9'-5" | |
| 5C01 | 25 | 20'-6" | |
| 5C02 | 25 | 19'-4" | |
| 5C03 | 25 | 19'-0" | |
| 5C04 | 25 | 18'-10" | |
| 5C05 | 25 | 18'-6" | |
| 5C06 | 20 | 17'-10" | |
| #5 | 62 | 27'-0" | |
| #5 | 2 | 26'-9" | |
| #5 | 60 | 26'-0" | |
| #5 | 14 | 25'-3" | |
| #5 | 28 | 24'-9" | |
| #5 | 14 | 22'-0" | |
| #5 | 12 | 20'-6" | |
| #5 | 12 | 21'-0" | |
| #5 | 16 | 18'-6" | |
| #5 | 2 | 18'-0" | |
| #5 | 2 | 17'-6" | |
| #5 | 2 | 16'-0" | |
| #5 | 2 | 14'-9" | |
| #5 | 2 | 13'-6" | |
| #5 | 2 | 12'-9" | |
| #5 | 2 | 6'-3" | |
| #5 | 2 | 5'-6" | |
| #5 | 2 | 4'-0" | |
| #5 | 378 | 4'-9" | |
| #5 | 2 | 3'-0" | |
| TOTAL #5 REINFORCING | | | 12,027 |
| CONCRETE | | | |
| CONCRETE, A, SUBSTRUCTURE | | | 58.2 CYS |
| CONCRETE, B, FOOTING | | | 58.1 CYS |
| MISCELLANEOUS | | | QTY. |
| PIPE TYPE 4, CIRCULAR, 4 IN. | | | 200 LFT |
| GEOTEXTILE FOR UNDERDRAIN, TYPE 1A | | | 133 SYS |
| AGGREGATE FOR UNDERDRAINS | | | 17 CYS |

| MARK | "N" | "A" | "B" | "C" | "D" | "INC" | "L" |
|------|-----|--------|-------|-------|--------|---------|---------|
| 5C01 | 25 | 11'-3" | 9'-3" | 9'-3" | 11'-3" | 1 1/16" | 20'-6" |
| 5C02 | 25 | 10'-8" | 8'-8" | 8'-8" | 10'-8" | 1" | 19'-4" |
| 5C03 | 25 | 10'-6" | 8'-6" | 8'-6" | 10'-6" | 1 1/16" | 19'-0" |
| 5C04 | 25 | 10'-5" | 8'-5" | 8'-5" | 10'-5" | 1" | 18'-10" |
| 5C05 | 25 | 10'-3" | 8'-3" | 8'-3" | 10'-3" | 1" | 18'-6" |
| 5C06 | 20 | 9'-9" | 8'-1" | 8'-1" | 9'-9" | 1 1/16" | 17'-10" |

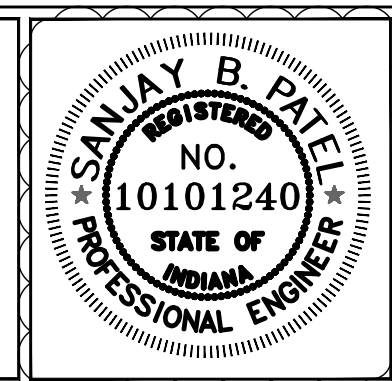


GENERAL NOTES

- See Std. Dwg. E724-BSSJ-01 for Expansion Joint Details.
- If very soft or soft soils are encountered during excavation, they shall be removed to a Max. of 2 feet depth and replaced with "B" borrow compacted to 95% of the Max. dry density (based on AASHTO T99).

PRINT DATE: 12/4/23 PLOT SCALE: 1:1 EDIT DATE: 5/16/22 - 4:50 PM EDITED BY: MDEROSE DRAWING FILE: F:\2020\20-4421 BLOOMINGTON 1ST STREET\30 SHEET\DRAWINGS\09 MISC. DETAILS\WEST RETAIN WALL.DWG

| DATE: | REVISIONS |
|------------|---|
| 12/04/2023 | REMOVE TEXT, UPDATE STAMP AND SIGNATURE |



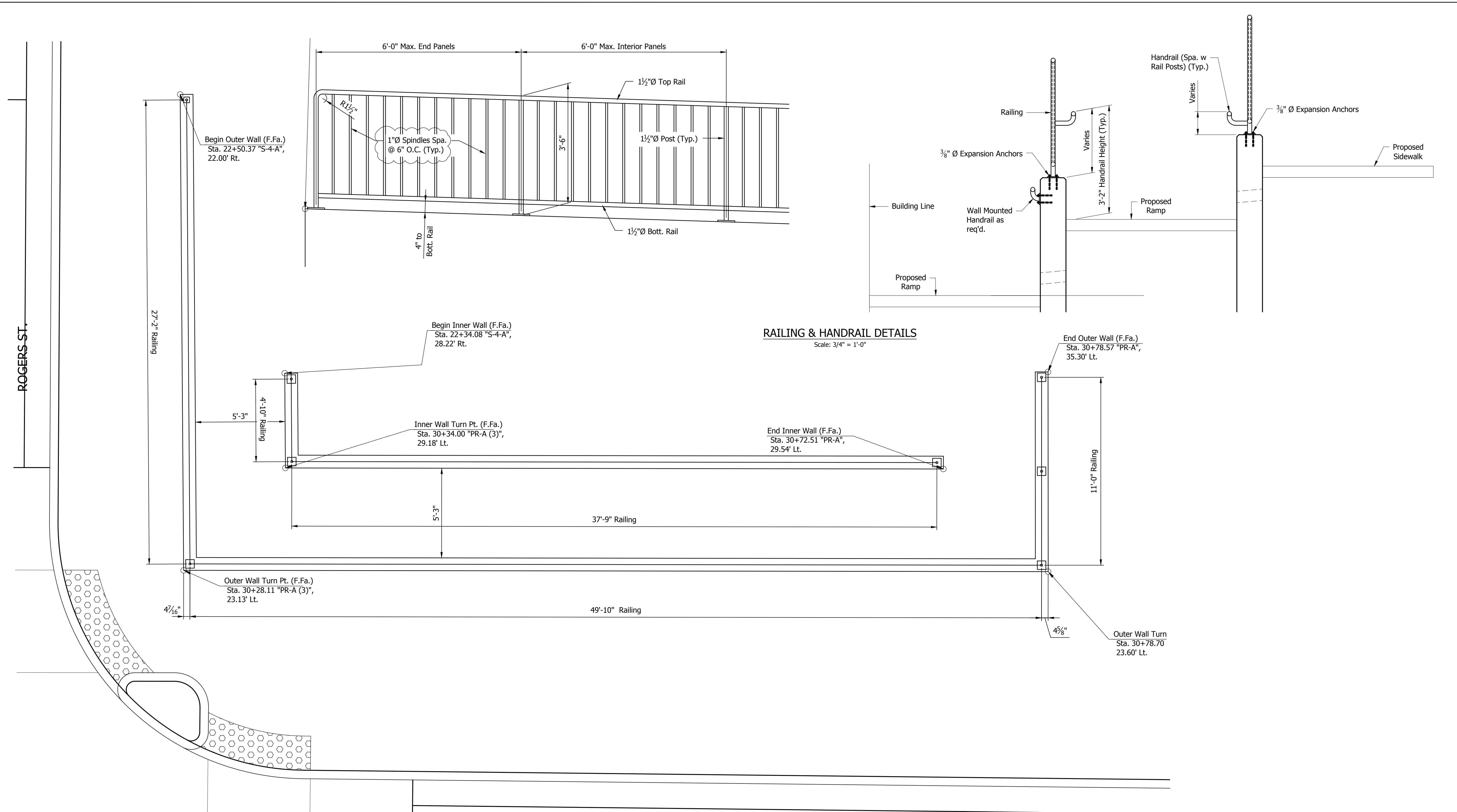
| | | |
|--------------------------|------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Sanjay B. Patel</i> | 12/4/2023 |
| DESIGNED: SJ | DRAWN: SJ | DATE |
| CHECKED: FP | CHECKED: FP | |

INDIANA DEPARTMENT OF TRANSPORTATION

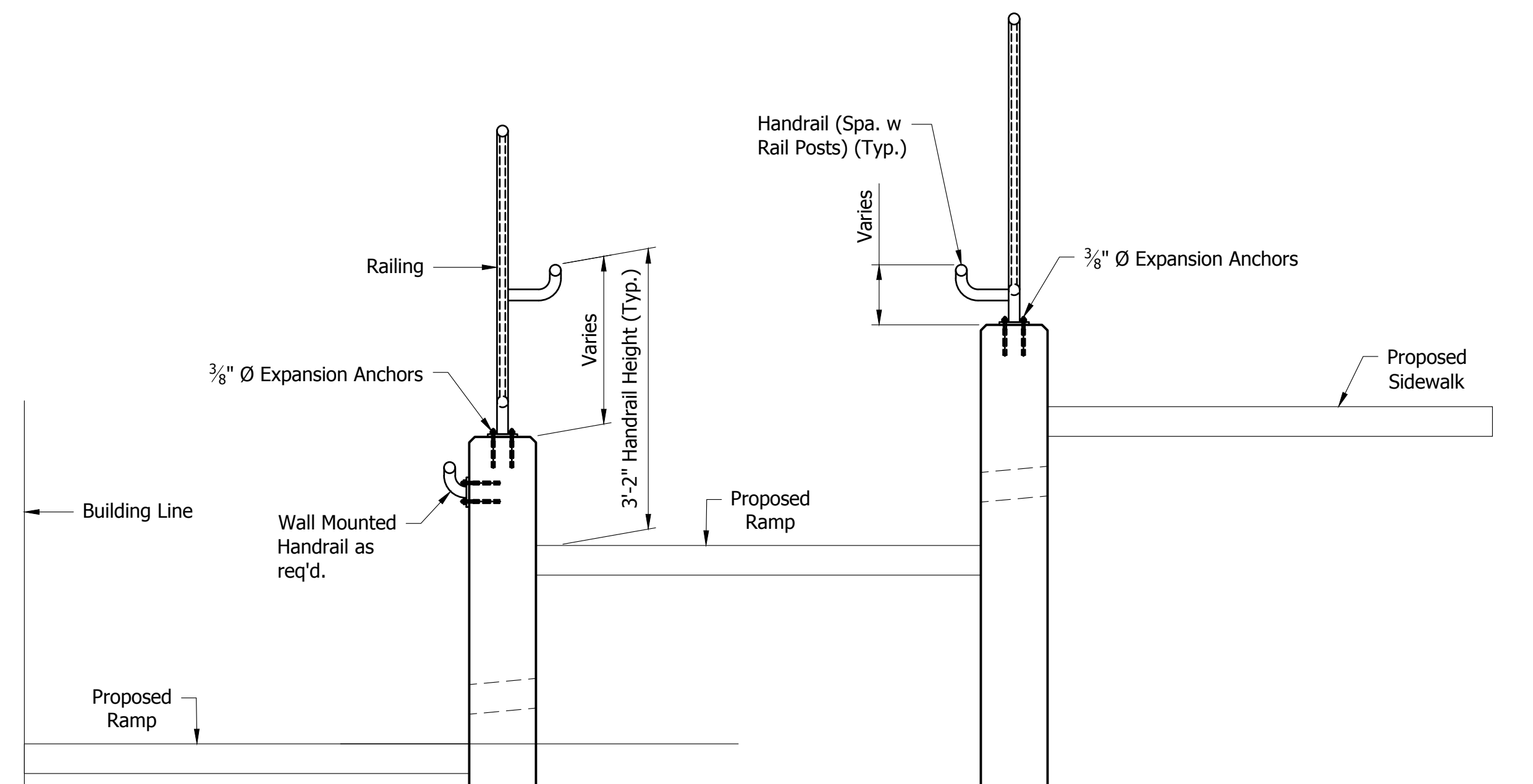
RETAINING WALL 1 (WEST) & BILL OF MATERIALS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS SHOWN | N/A |
| VERTICAL SCALE | DESIGNATION |
| ---- | 1900399 |
| SURVEY BOOK | SHEET |
| | 65 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

PRINT DATE: 12/4/23
 PLOT SCALE: 1:1
 EDIT DATE: 7/12/11 - 4:54 PM
 EDITED BY: MDEROSE
 DRAWING FILE: F:\2020\20-4421 BLOOMINGTON 1ST STREET\30 SHEET\DRAWINGS\09 MISC. DETAILS\ROGERS RAMP WALL.DWG

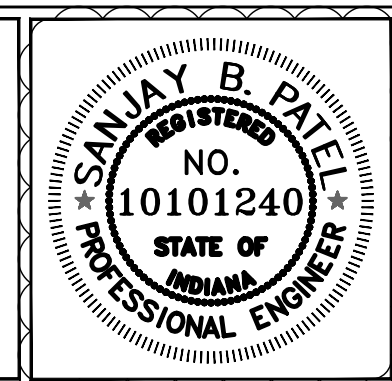


RAILING & HANDRAIL DETAILS
 Scale: 3/4" = 1'-0"



WALL TIE-UP AND RAILING DETAILS
 Scale: 3/8" = 1'-0"

| DATE: | REVISIONS |
|------------|------------------------------------|
| 12/04/2023 | UPDATE LABEL, STAMP, AND SIGNATURE |



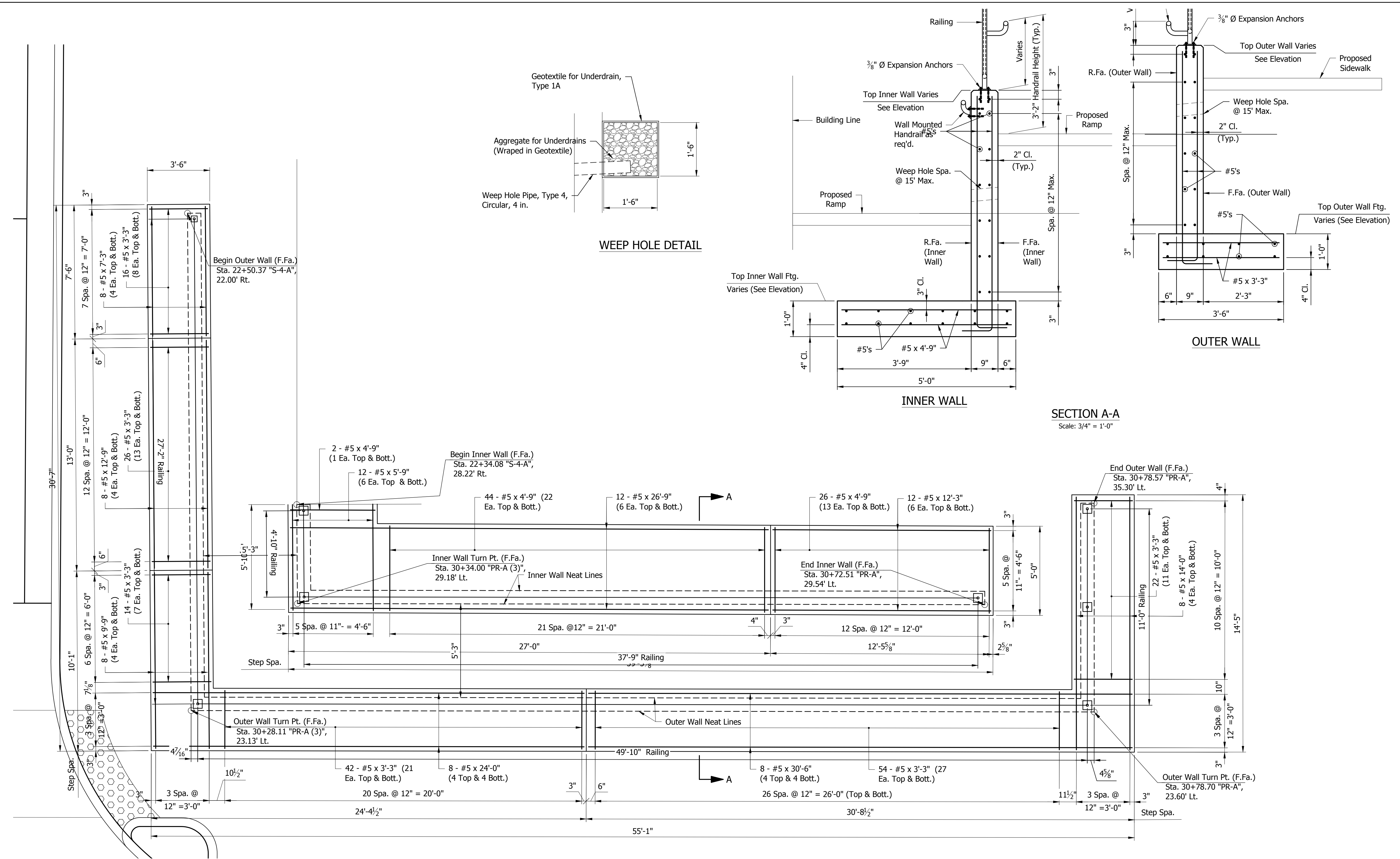
| | | |
|--------------------------|------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Sanjay B. Patel</i> | 12/4/2023 |
| DESIGNED: SJ | DRAWN: SJ | DATE |
| CHECKED: FP | CHECKED: FP | |

INDIANA
DEPARTMENT OF TRANSPORTATION
ROGERS RETAINING WALL 2 RAMP WALL -
TIE-UP DIAGRAM AND RAILING DETAILS

| | |
|------------------|---------------------|
| SCALE AS SHOWN | BRIDGE FILE N/A |
| | DESIGNATION 1900399 |
| | SHEET 66 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

PRINT DATE: 12/4/23
 PLOT SCALE: 1:1
 EDIT DATE: 7/12/11 - 4:54 PM
 EDITED BY: MDEROSE
 DRAWING FILE: F:\2020\20-4421 BLOOMINGTON 1ST STREET\30 SHEET\DRAWINGS\09 MISC. DETAILS\ROGERS RAMP WALL.DWG

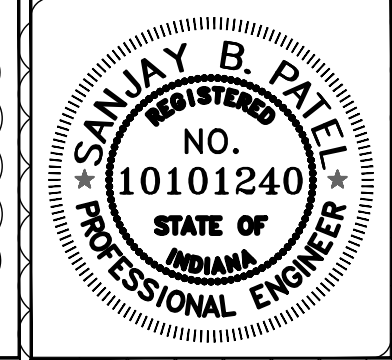
ROGERS ST.



FOOTING PLAN - OUTER & INNER WALL
 Scale: 3/8" = 1'-0"

SECTION A-A
 Scale: 3/4" = 1'-0"

| DATE: | REVISIONS |
|------------|----------------------------|
| 12/04/2023 | UPDATE STAMP AND SIGNATURE |



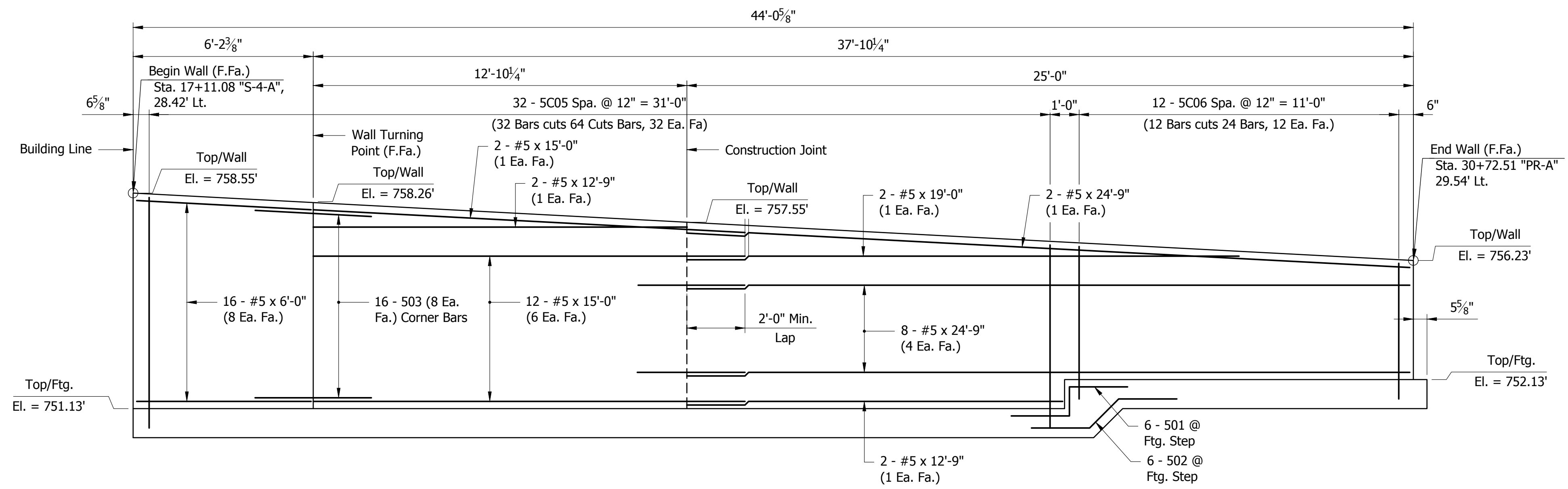
| | | |
|--------------------------|------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Sanjay B. Patel</i> | 12/4/2023 |
| DESIGNED: SJ | DRAWN: SJ | DATE |
| CHECKED: FP | CHECKED: FP | |

INDIANA
 DEPARTMENT OF TRANSPORTATION

ROGERS RETAINING WALL 2 (EAST)
 FOUNDATION

| | |
|----------|-------------|
| SCALE | BRIDGE FILE |
| AS SHOWN | N/A |
| | DESIGNATION |
| | 1900399 |
| | SHEET |
| | 67 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

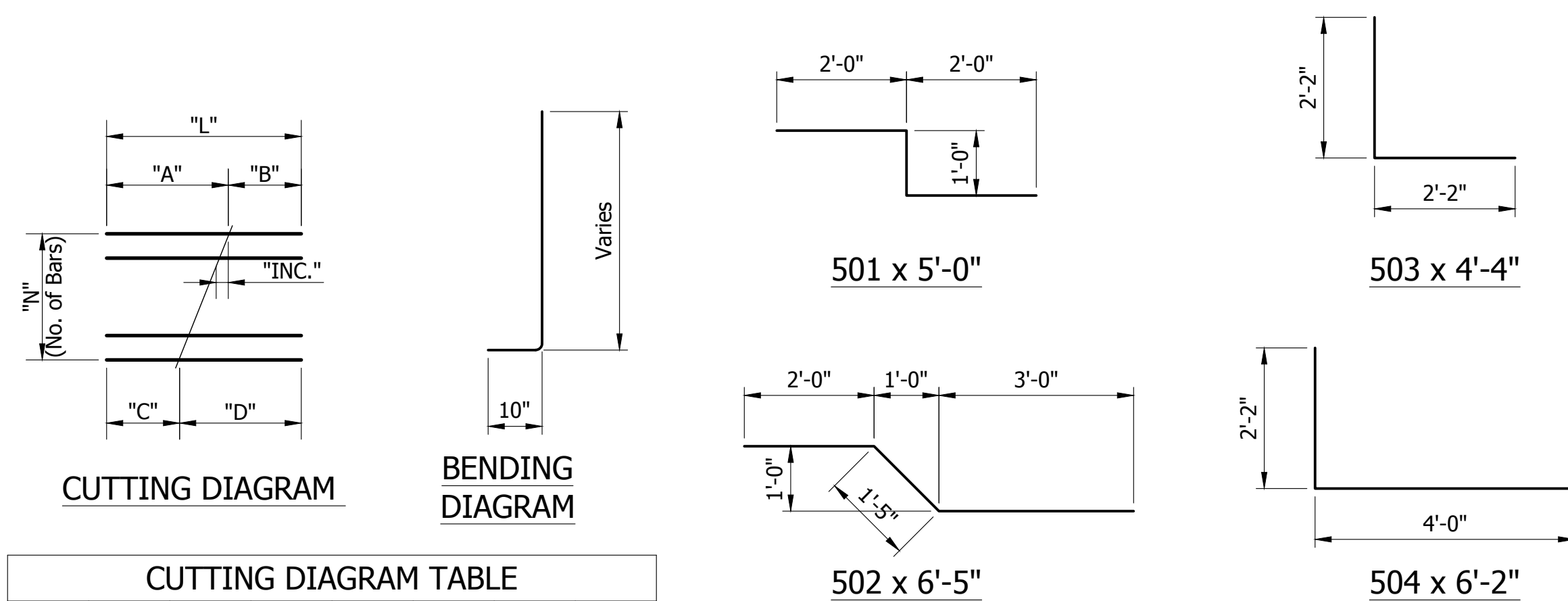
PRINT DATE: 12/4/23
 PLOT SCALE: 1:1
 EDIT DATE: 7/12/11 - 4:54 PM
 EDITED BY: MDEROSE
 DRAWING FILE: F:\2020\20-4421 BLOOMINGTON 1ST STREET\30 SHEET\DRAWINGS\09 MISC. DETAILS\ROGERS RAMP WALL.DWG



INNER WALL ELEVATION
Scale: 3/8" = 1'-0"

**BILL OF MATERIALS
INNER WALL**

| REINFORCING BARS EPOXY COATED | | | |
|-------------------------------------|-------------|---------|---------------|
| Size & Mark | No. of Bars | Length | Weight (Lbs.) |
| 501 | 6 | 5'-0" | |
| 502 | 6 | 6'-5" | |
| 503 | 16 | 4'-4" | |
| 5C05 | 32 | 15'-11" | |
| 5C06 | 12 | 11'-7" | |
| #5 | 12 | 26'-9" | |
| #5 | 10 | 24'-9" | |
| #5 | 2 | 19'-0" | |
| #5 | 14 | 15'-0" | |
| #5 | 4 | 12'-9" | |
| #5 | 12 | 12'-3" | |
| #5 | 16 | 6'-0" | |
| #5 | 12 | 5'-9" | |
| #5 | 72 | 4'-9" | |
| TOTAL #5 EPOXY COATED REINFORCING | | | 2,407 |
| TOTAL EPOXY COATED REINFORCING BARS | | | 2,407 |
| CONCRETE | | | |
| CONCRETE, A, IN SUBSTRUCTURE | | | 4.1 CYS |
| CONCRETE, B, FOOTINGS | | | 7.5 CYS |
| MISCELLANEOUS | | QTY. | |
| PIPE, TYPE 4, CIRCULAR, 4 IN. | | 2 LFT | |
| GEOTEXTILE FOR UNDERDRAIN, TYPE 1A | | 1 SYS | |
| AGGREGATE FOR UNDERDRAINS | | 1 CYS | |

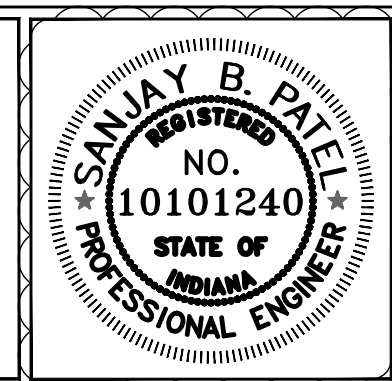


CUTTING DIAGRAM TABLE

| MARK | "N" | "A" | "B" | "C" | "D" | "INC" | "L" |
|------|-----|-------|--------|--------|-------|-------|---------|
| 5C01 | 7 | 5'-4" | 5'-2" | 5'-2" | 5'-4" | 5/16" | 10'-6" |
| 5C02 | 13 | 6'-2" | 5'-9" | 5'-9" | 6'-2" | 7/16" | 11'-11" |
| 5C03 | 30 | 6'-9" | 5'-10" | 5'-10" | 6'-9" | 3/8" | 12'-7" |
| 5C04 | 40 | 6'-9" | 5'-7" | 5'-7" | 6'-9" | 3/8" | 12'-4" |
| 5C05 | 32 | 8'-9" | 7'-2" | 7'-2" | 8'-9" | 5/8" | 15'-11" |
| 5C06 | 12 | 6'-1" | 5'-6" | 5'-6" | 6'-1" | 5/8" | 11'-7" |

Notes:
 1. All reinforcing bars shall be epoxy coated.
 2. For Reinforcing Bar Notes, see INDOT Standard Drawing E703-BRST-01.

| DATE: | REVISIONS |
|------------|----------------------------|
| 12/04/2023 | UPDATE STAMP AND SIGNATURE |



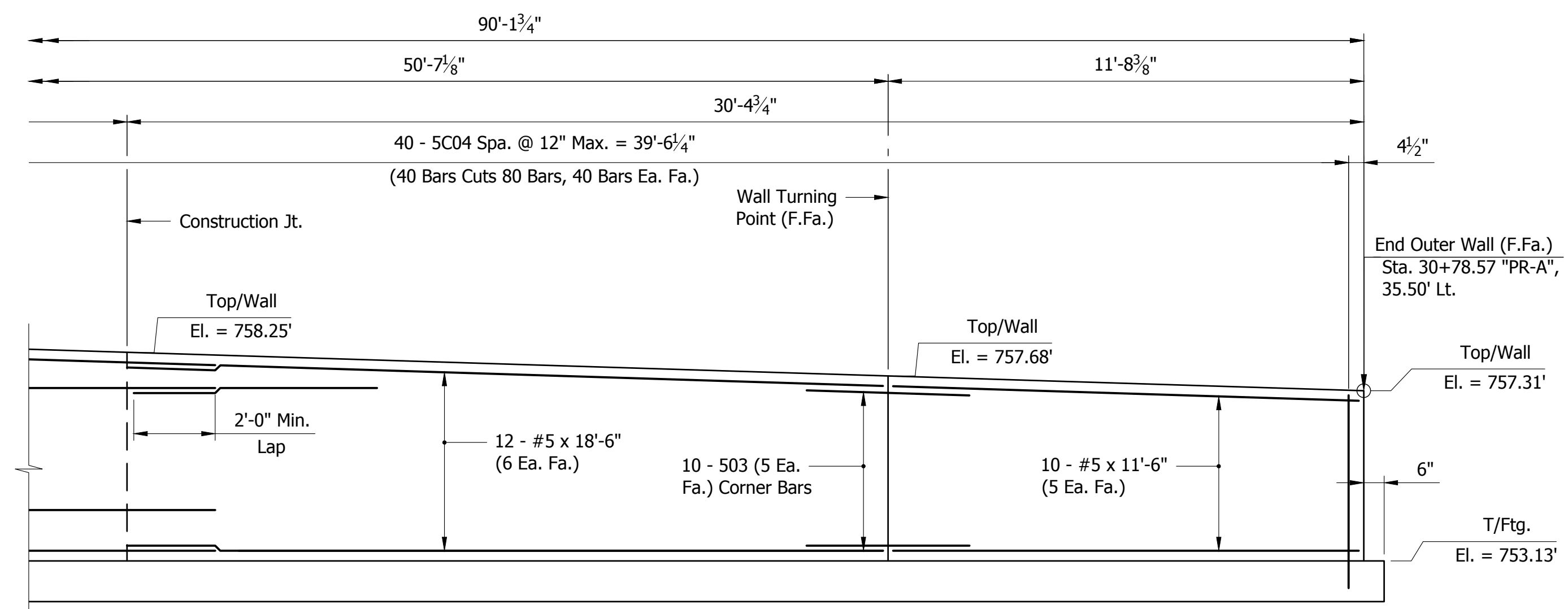
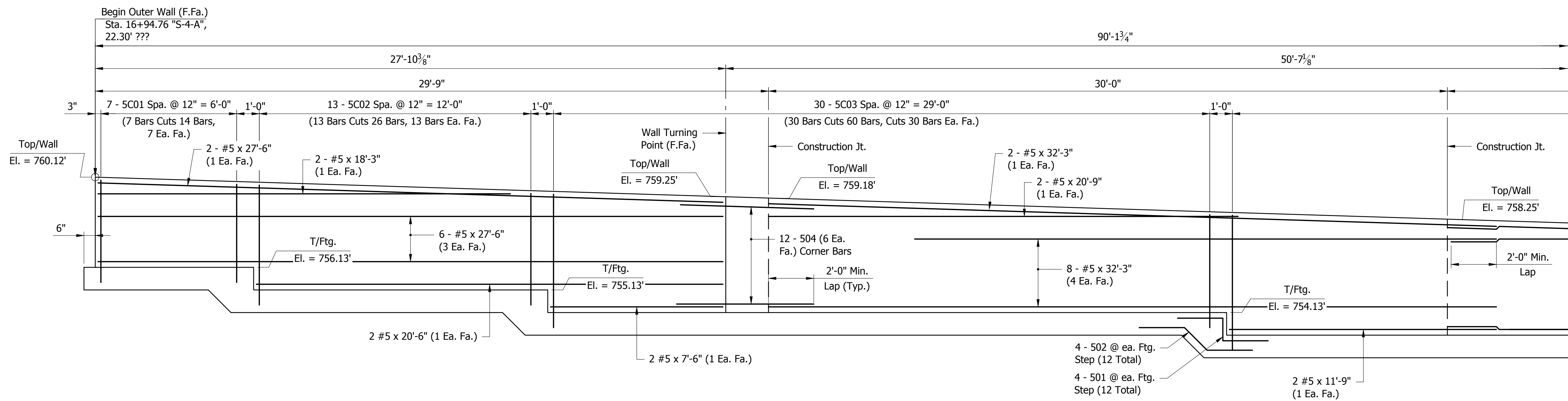
| | | |
|--------------------------|------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Sanjay B. Patel</i> | 12/4/2023 |
| DESIGNED: SJ | DRAWN: SJ | DATE |
| CHECKED: FP | CHECKED: FP | |

INDIANA
DEPARTMENT OF TRANSPORTATION

ROGERS RETAINING WALL 2 (EAST)
INNER WALL DETAILS

| | |
|------------------|---------------------|
| SCALE AS SHOWN | BRIDGE FILE N/A |
| | DESIGNATION 1900399 |
| | SHEET 68 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

PRINT DATE: 12/4/23
 PLOT SCALE: 1:1
 EDIT DATE: 7/12/11 - 4:54 PM
 EDITED BY: MDEROSE
 DRAWING FILE: F:\2020\20-4421 BLOOMINGTON 1ST STREET 30 SHEETDRAWINGS\09 MISC. DETAILS\ROGERS RAMP WALL.DWG

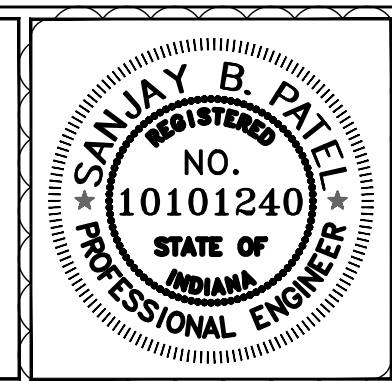


PLAN
 Scale: 3/8" = 1'-0"

**BILL OF MATERIALS
OUTER WALL**

| REINFORCING BARS EPOXY COATED | | | |
|-------------------------------------|-------------|---------|---------------|
| Size & Mark | No. of Bars | Length | Weight (Lbs.) |
| 501 | 12 | 5'-0" | |
| 502 | 12 | 6'-5" | |
| 503 | 10 | 4'-4" | |
| 504 | 12 | 6'-2" | |
| 5C01 | 7 | 10'-6" | |
| 5C02 | 13 | 11'-11" | |
| 5C03 | 30 | 12'-7" | |
| 5C04 | 40 | 12'-4" | |
| #5 | 10 | 32'-3" | |
| #5 | 8 | 30'-6" | |
| #5 | 8 | 27'-6" | |
| #5 | 8 | 24'-0" | |
| #5 | 2 | 20'-9" | |
| #5 | 2 | 20'-6" | |
| #5 | 12 | 18'-6" | |
| #5 | 2 | 18'-3" | |
| #5 | 8 | 14'-0" | |
| #5 | 8 | 12'-9" | |
| #5 | 2 | 11'-9" | |
| #5 | 10 | 11'-6" | |
| #5 | 8 | 9'-9" | |
| #5 | 8 | 7'-9" | |
| #5 | 2 | 7'-6" | |
| #5 | 166 | 3'-3" | |
| TOTAL #5 EPOXY COATED REINFORCING | | | 3,880 |
| TOTAL EPOXY COATED REINFORCING BARS | | | 3,880 |
| CONCRETE | | | |
| CONCRETE, A, IN SUBSTRUCTURE | | | 12.2 CYS |
| CONCRETE, B, FOOTINGS | | | 18.1 CYS |
| MISCELLANEOUS | | | |
| PIPE, TYPE 4, CIRCULAR, 4 IN. | | | 6 LFT |
| GEOTEXTILE FOR UNDERDRAIN, TYPE 1A | | | 1 SYS |
| AGGREGATE FOR UNDERDRAINS | | | 1 CYS |

| DATE: | REVISIONS |
|------------|----------------------------|
| 12/04/2023 | UPDATE STAMP AND SIGNATURE |

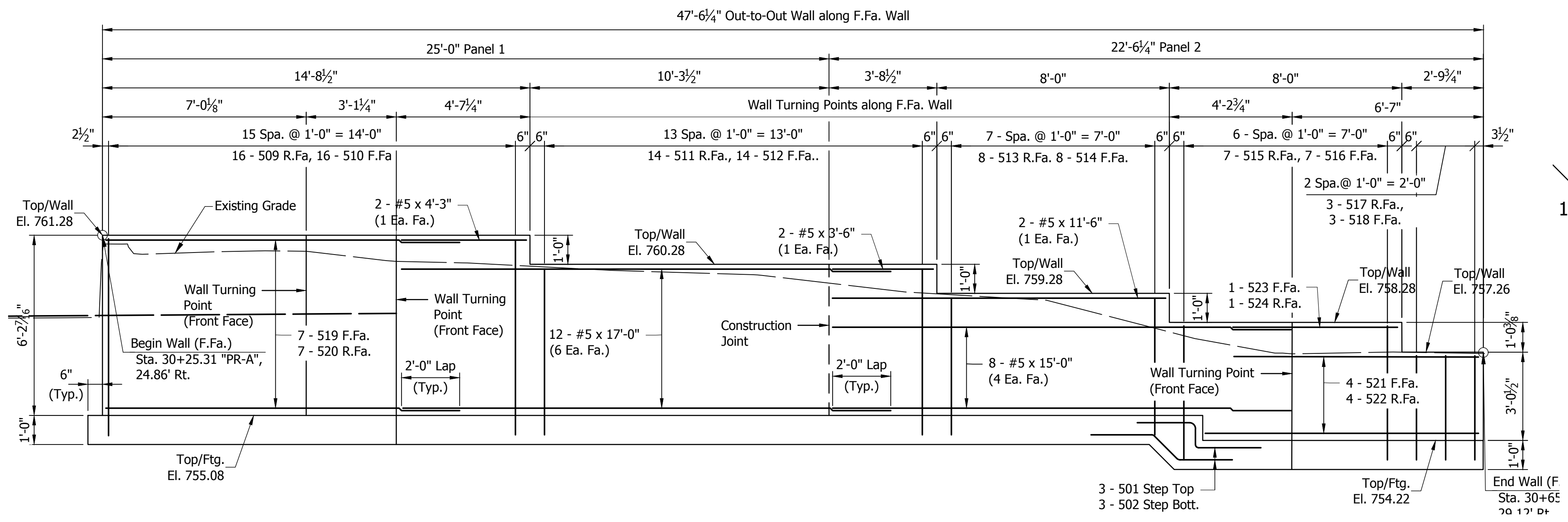


RECOMMENDED FOR APPROVAL: *Sanjay B. Patel* 12/4/2023
 DESIGN ENGINEER DATE
 DESIGNED: SJ DRAWN: SJ
 CHECKED: FP CHECKED: FP

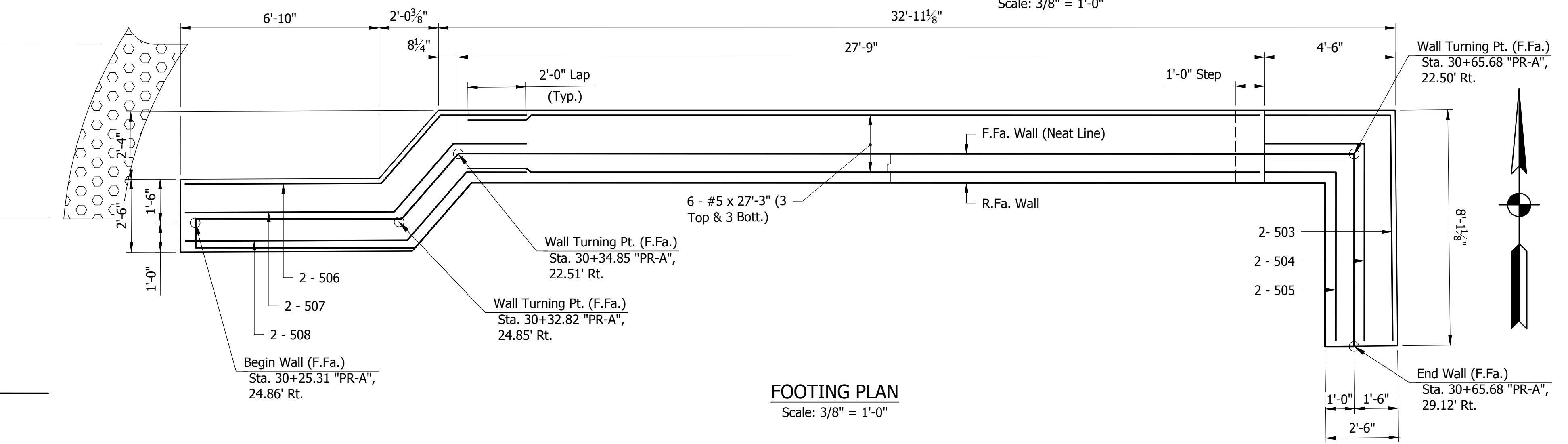
INDIANA
 DEPARTMENT OF TRANSPORTATION
 ROGERS RETAINING WALL 2 (EAST)
 OUTER WALL DETAILS

| SCALE | BRIDGE FILE |
|----------|-------------|
| AS SHOWN | N/A |
| | DESIGNATION |
| | 1900399 |
| | SHEET |
| | 69 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

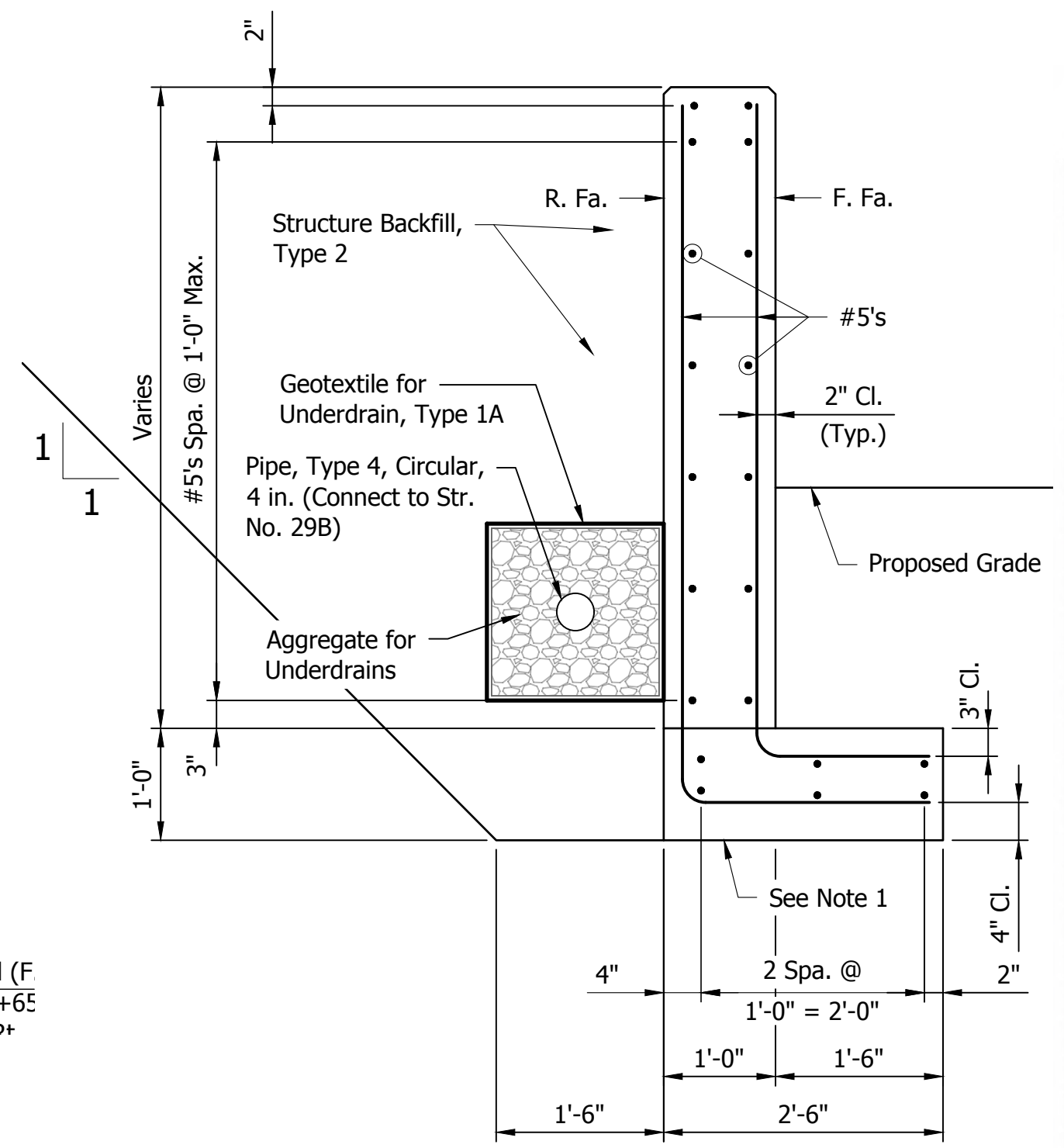
PRINT DATE: 12/4/23
PLOT SCALE: 1:1
EDIT DATE: 10/25/22 - 2:57 PM
EDITED BY: ABUIZZA
DRAWING FILE: F:\2020\20-4421 BLOOMINGTON 1ST STREET\30 SHEETDRAWINGS\09 MISC. DETAILS\EAST RETAIN WALL.DWG



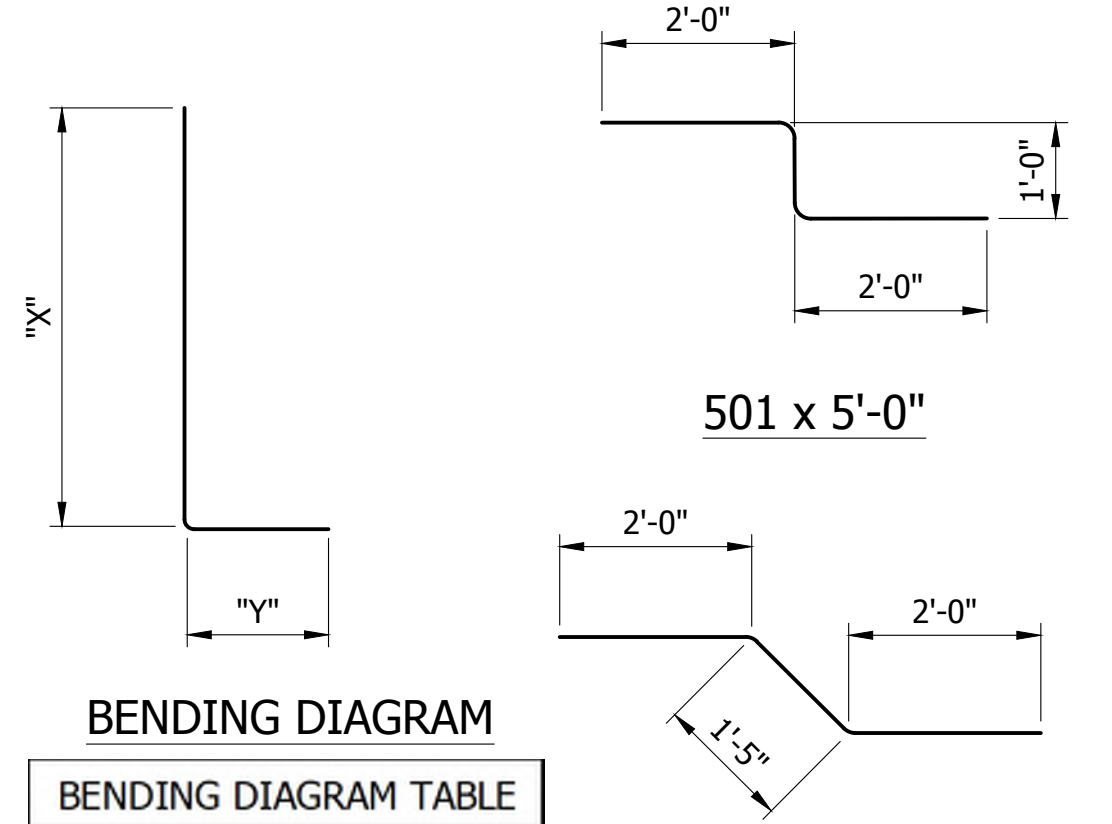
WALL ELEVATION (REAR FACE)
Scale: 3/8" = 1'-0"



FOOTING PLAN
Scale: 3/8" = 1'-0"



WALL TYPICAL SECTION
Scale: 3/4" = 1'-0"



BENDING DIAGRAM

| MARK | "X" | "Y" | Length |
|------|--------|-------|--------|
| 503 | 7'-9" | 4'-4" | 12'-1" |
| 504 | 6'-9" | 3'-5" | 10'-2" |
| 505 | 5'-9" | 2'-5" | 8'-2" |
| 509 | 2'-2" | 6'-9" | 8'-11" |
| 510 | 1'-6" | 6'-4" | 7'-10" |
| 511 | 2'-2" | 5'-8" | 7'-10" |
| 512 | 1'-6" | 5'-3" | 6'-9" |
| 513 | 2'-2" | 4'-8" | 6'-10" |
| 514 | 1'-6" | 4'-3" | 5'-9" |
| 515 | 2'-2" | 4'-7" | 6'-9" |
| 516 | 1'-6" | 4'-2" | 5'-8" |
| 517 | 2'-2" | 3'-7" | 5'-9" |
| 518 | 1'-6" | 3'-2" | 4'-8" |
| 521 | 6'-4" | 2'-9" | 9'-1" |
| 522 | 5'-8" | 2'-2" | 7'-10" |
| 523 | 3'-6" | 2'-9" | 6'-3" |
| 524 | 2'-10" | 2'-2" | 5'-0" |

| MARK | "A" | "B" | "C" | "D" | "E" | Length |
|------|--------|-------|-------|-----------|-----------|---------|
| 506 | 6'-9" | 3'-1" | 3'-0" | 2'-0 1/2" | 2'-4 1/8" | 12'-10" |
| 507 | 7'-2" | 3'-1" | 2'-6" | 2'-0 1/2" | 2'-4 1/8" | 12'-9" |
| 508 | 7'-7" | 3'-1" | 2'-1" | 2'-0 1/2" | 2'-4 1/8" | 12'-9" |
| 519 | 6'-11" | 3'-1" | 2'-3" | 2'-0 1/4" | 2'-4" | 12'-3" |
| 520 | 7'-3" | 3'-2" | 2'-0" | 2'-1" | 2'-4 3/4" | 12'-5" |

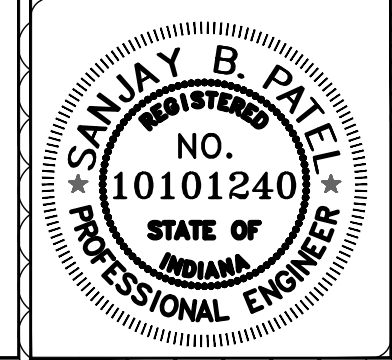
**BILL OF MATERIALS
EAST RETAINING WALL**

| REINFORCING BARS | | | |
|-------------------------------------|-------------|---------|---------------|
| Size & Mark | No. of Bars | Length | Weight (Lbs.) |
| 501 | 3 | 5'-0" | |
| 502 | 3 | 5'-5" | |
| 503 | 2 | 12'-1" | |
| 504 | 2 | 10'-2" | |
| 505 | 2 | 8'-2" | |
| 506 | 2 | 12'-10" | |
| 507 | 2 | 12'-9" | |
| 508 | 2 | 12'-9" | |
| 509 | 16 | 8'-11" | |
| 510 | 16 | 7'-10" | |
| 511 | 14 | 7'-10" | |
| 512 | 14 | 6'-9" | |
| 513 | 8 | 6'-10" | |
| 514 | 8 | 5'-9" | |
| 515 | 7 | 6'-9" | |
| 516 | 7 | 5'-8" | |
| 517 | 3 | 5'-9" | |
| 518 | 3 | 4'-8" | |
| 519 | 7 | 12'-3" | |
| 520 | 7 | 12'-5" | |
| 521 | 4 | 9'-1" | |
| 522 | 4 | 7'-10" | |
| 523 | 1 | 6'-3" | |
| 524 | 1 | 5'-0" | |
| #5 | 6 | 27'-3" | |
| #5 | 12 | 17'-0" | |
| #5 | 8 | 15'-0" | |
| #5 | 2 | 11'-6" | |
| #5 | 2 | 4'-3" | |
| #5 | 2 | 3'-6" | |
| TOTAL #5 REINFORCING | | | 1,708 |
| CONCRETE | | | |
| CONCRETE, A, SUBSTRUCTURE | | | 5.9 CYS |
| CONCRETE, B, FOOTING | | | 4.6 CYS |
| MISCELLANEOUS QTY. | | | |
| PIPE, TYPE 4, CIRCULAR, 4 IN. | | | 50 LFT |
| GEOTEXTILES FOR UNDERDRAIN, TYPE 1A | | | 33 SYS |
| AGGREGATE FOR UNDERDRAINS | | | 4 CYS |

GENERAL NOTES

1. If very soft or soft soils are encountered during excavation, they shall be removed to a Max. of 2 feet depth and replaced with "B" borrow compacted to 95% of the Max. dry density (based on AASHTO T99).

| DATE: | REVISIONS |
|------------|----------------------------|
| 12/04/2023 | UPDATE STAMP AND SIGNATURE |

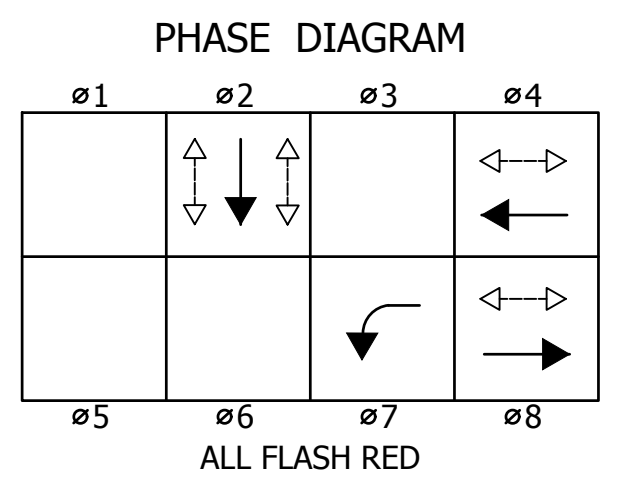
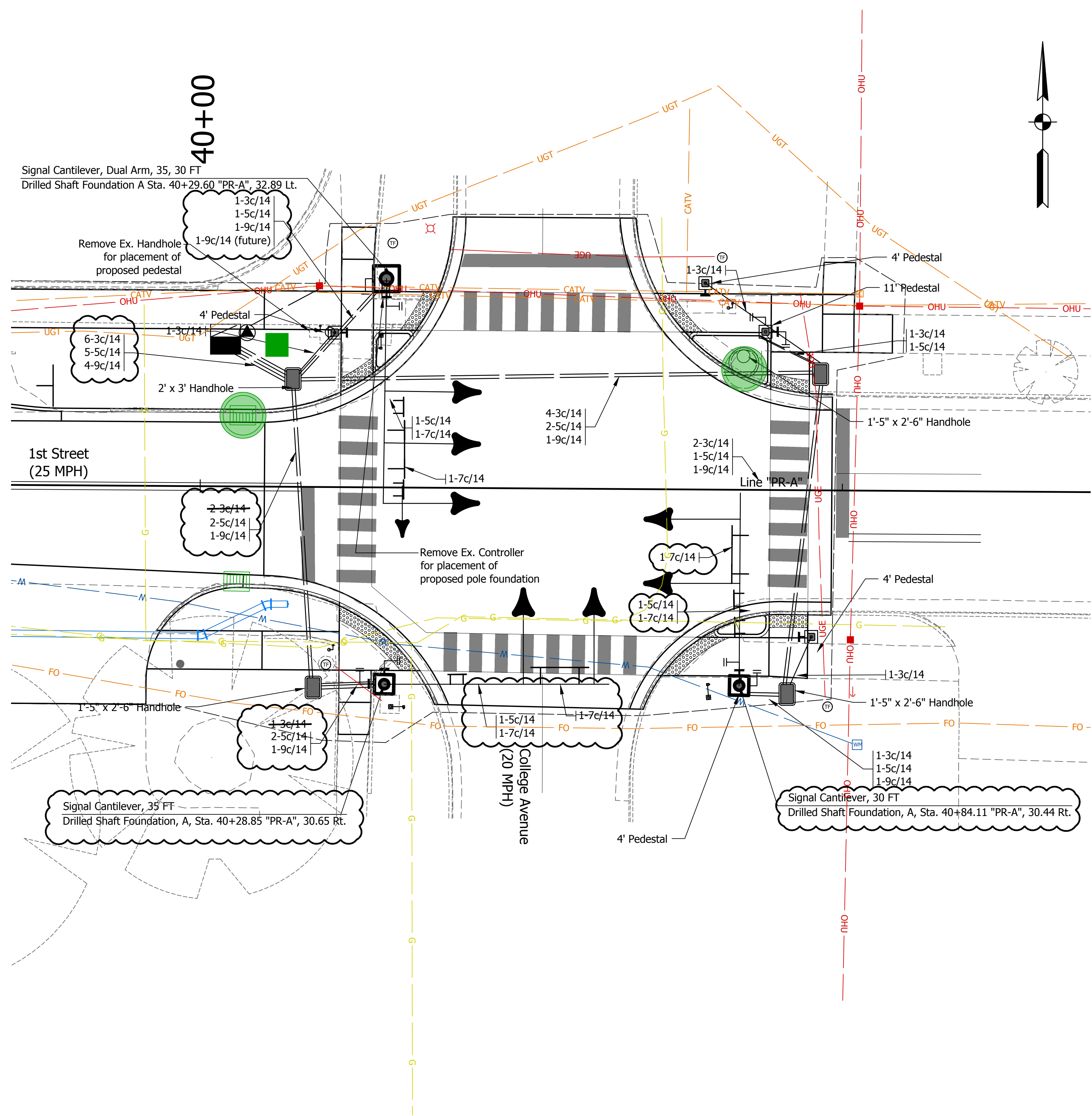


| | | |
|--------------------------|------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Sanjay B. Patel</i> | 12/4/2023 |
| DESIGNED: SJ | DRAWN: SJ | DATE |
| CHECKED: JP | CHECKED: JP | |

INDIANA
DEPARTMENT OF TRANSPORTATION
RETAINING WALL 3 (EAST) BILL OF MATERIALS

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| AS SHOWN | N/A |
| VERTICAL SCALE | DESIGNATION |
| ---- | 1900399 |
| SURVEY BOOK | SHEET |
| | 70 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\08 Traffic Signals
 FILE: 4421 signal.dwg
 DIMSCALE: 1/8" = 1'-0"
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 3:07pm



TRAFFIC SIGNAL LEGEND

- Proposed service point
- Proposed controller/cabinet
- Proposed cantilever structure and foundation
- Proposed signal pedestal on Type "A" pole foundation, 24"x24"x36"
- Proposed pedestrian indication countdown
- Proposed push button APS
- Proposed traffic handhole Type 2
- Proposed 2" HDPE conduit
- Proposed 1 way, 3 section (12" red, 12" amber, 12" green) signal indication with back plate
- Proposed 1 way, 4 section (12" red arrow, 12" amber arrow, 12" flashing amber arrow, 12" green arrow) signal indication with back plate

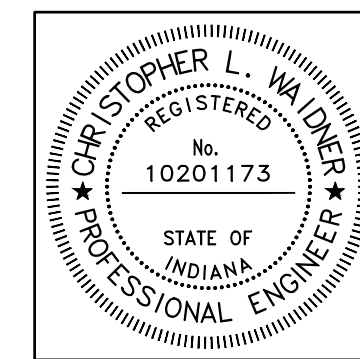
Notes:

Temporary controller and cabinet relocation required to maintain Ex. signal operation as part of Maintenance of Traffic

All foundations of Pedestals and Strain Poles to be flush with proposed sidewalk

- NOTES:
- Northwest 30 foot mast arm on dual cantilever not to be installed. College Ave. shall potentially be a 2-way street in the future.
 - All existing signal cables to be removed and replaced.
 - This signal is part of a timed corridor and there shall be no signal detection at this location.
 - Push buttons locations shall follow PROWAG standards

| DATE: | REVISIONS |
|------------|---|
| 12/04/2023 | UPDATE NOTES, WIRE CALLOUTS, AND DESIGN |



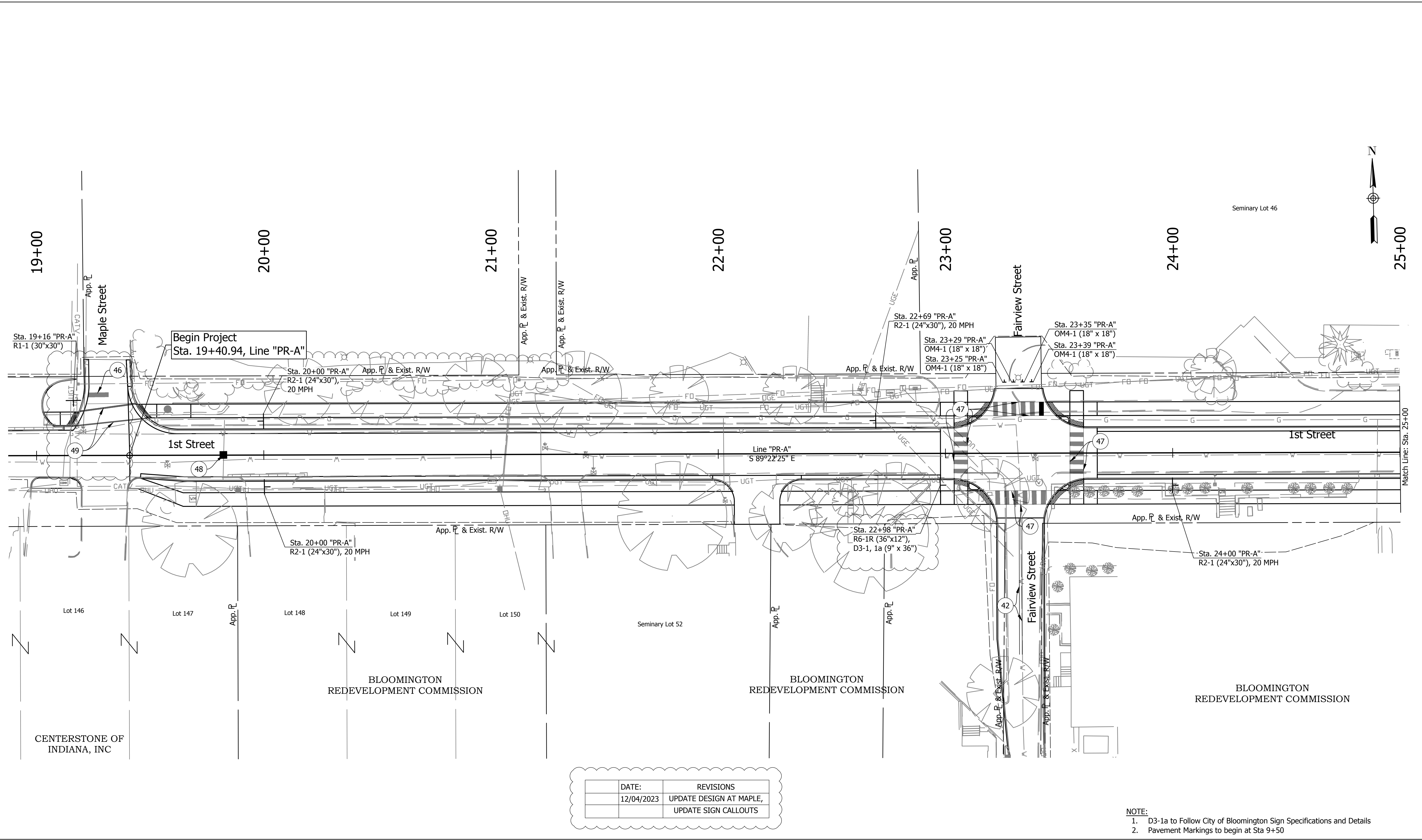
| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
1ST STREET & COLLEGE AVENUE

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 10' | N/A |
| VERTICAL SCALE | DESIGNATION |
| NA | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 71 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\07 Pavement Mkr and Signing\
 FILE: 4421 Marking & Signing Plan.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04 2023 - 3:09pm

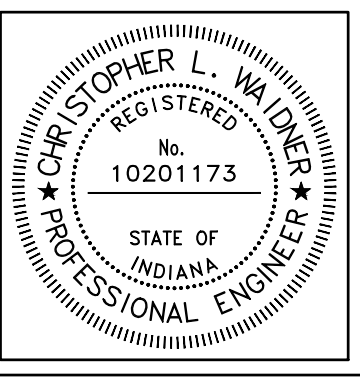


| DATE: | REVISIONS |
|------------|---|
| 12/04/2023 | UPDATE DESIGN AT MAPLE, UPDATE SIGN CALLOUTS |

- NOTE:
- D3-1a to Follow City of Bloomington Sign Specifications and Details
 - Pavement Markings to begin at Sta 9+50

| LEGEND | |
|--------|--|
| 41 | Line, Thermoplastic, Solid, White, 4 in. |
| 42 | Line, Thermoplastic, Solid, Yellow, 4 in. |
| 43 | Line, Thermoplastic, Broken, Yellow, 4 in. |
| 46 | Transverse Marking, Thermoplastic, Stop Line, 24 in. |
| 47 | Transverse Marking, Thermoplastic, White, Crosswalk Line, 24 in. |
| 48 | Snowplowable Raised Pavement Marker, Blue |
| 49 | Transverse Marking, Thermoplastic, White, Crosswalk Line, 6 in. |

All Thermoplastic on concrete primer required per manufacturers recommendations

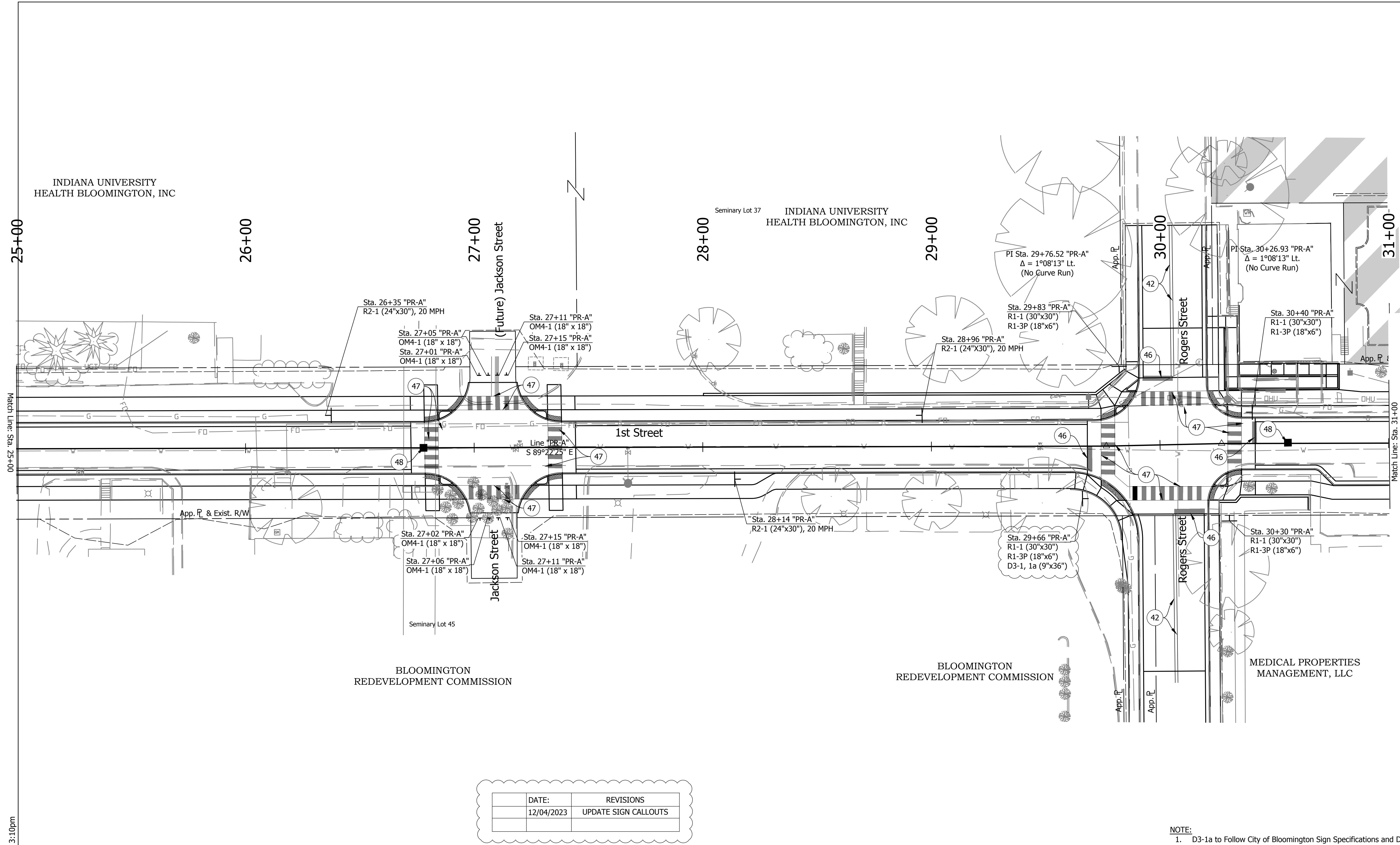


| | | |
|--------------------------|----------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 72 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



NOTE:
1. D3-1a to Follow City of Bloomington Sign Specifications and Details

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\07 Pavement Mkr & Signing\
 FILE: 4421 Marking & Signing Plan.dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 3:10pm

LEGEND

- (41) Line, Thermoplastic, Solid, White, 4 in.
 - (42) Line, Thermoplastic, Solid, Yellow, 4 in.
 - (43) Line, Thermoplastic, Broken, Yellow, 4 in.
 - (46) Transverse Marking, Thermoplastic, Stop Line, 24 in.
 - (47) Transverse Marking, Thermoplastic, White, Crosswalk Line, 24 in.
 - (48) Snowplowable Raised Pavement Marker, Blue
- All Thermoplastic on concrete primer required per manufacturers recommendations



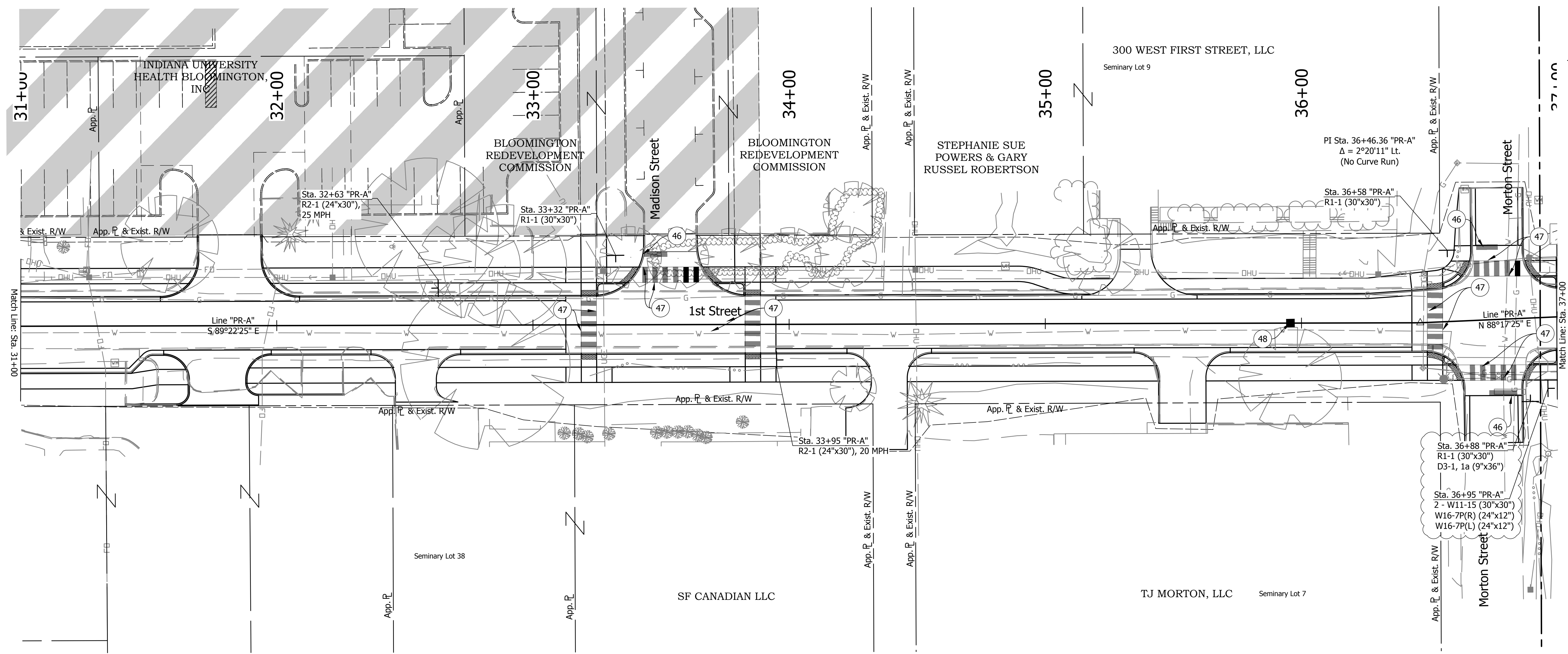
| | | |
|--------------------------|----------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 73 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\07 Pavement Mrk and Signing\
 FILE: 4421 Marking & Signing Plan.dwg
 DIMSCALE: 1/8" = 1'-0"
 PLOTTED BY: ABUZZA
 DATE: Dec 04, 2023 - 3:10pm



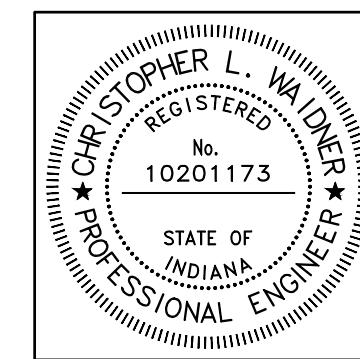
| DATE: | REVISIONS |
|------------|----------------------|
| 12/04/2023 | UPDATE SIGN CALLOUTS |

NOTE:
 1. D3-1a to Follow City of Bloomington Sign Specifications and Details

- LEGEND**
- 41 Line, Thermoplastic, Solid, White, 4 in.
 - 42 Line, Thermoplastic, Solid, Yellow, 4 in.
 - 43 Line, Thermoplastic, Broken, Yellow, 4 in.

- 46 Transverse Marking, Thermoplastic, Stop Line, 24 in.
- 47 Transverse Marking, Thermoplastic, White, Crosswalk Line, 24 in.
- 48 Snowplowable Raised Pavement Marker, Blue

All Thermoplastic on concrete primer required per manufacturers recommendations



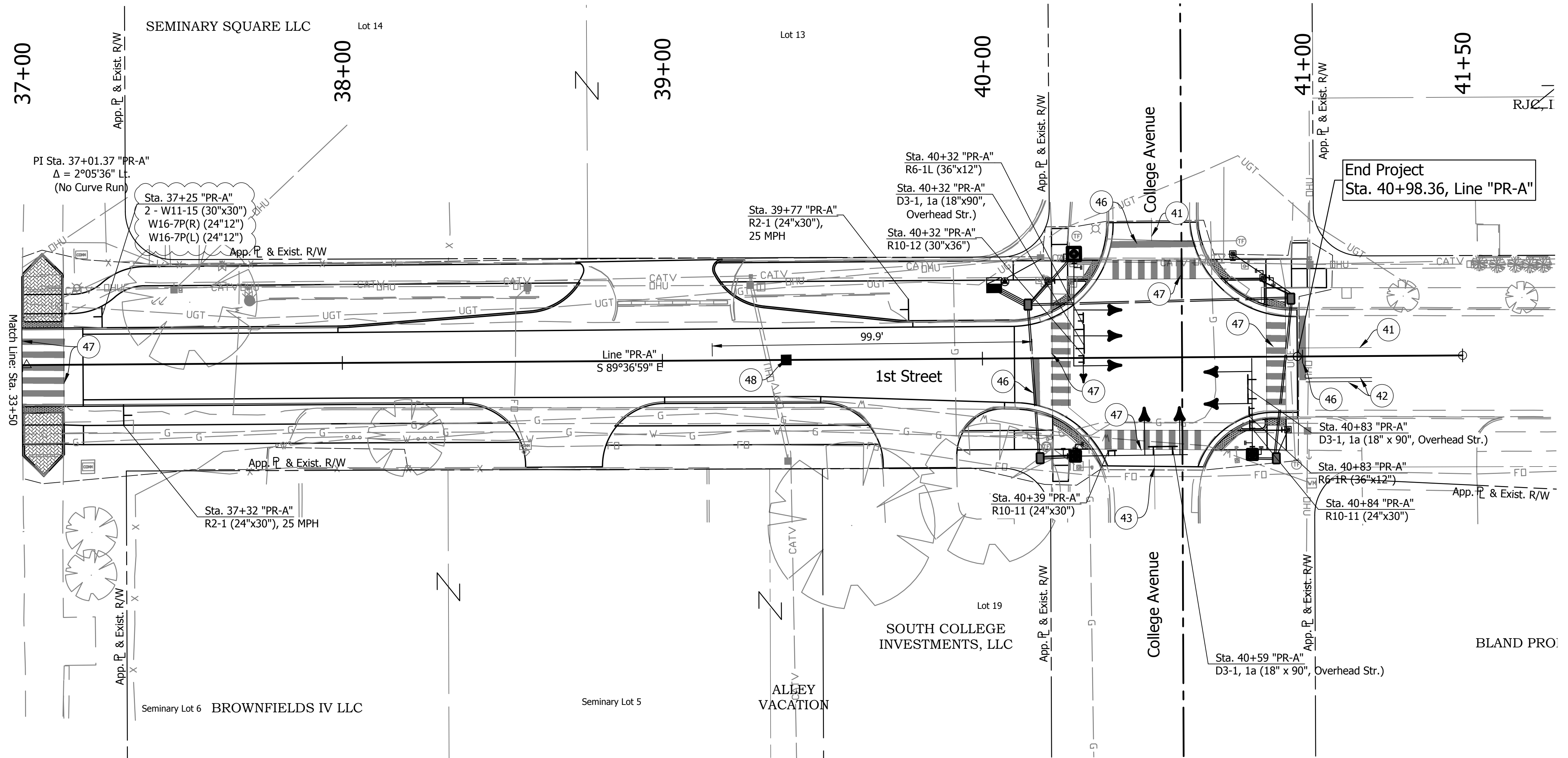
| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 74 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\07 Pavement Mark and Signing\
 FILE: 4421 Marking & Signing Plan.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 3:11pm



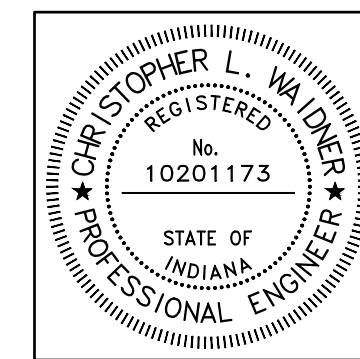
| DATE: | REVISIONS |
|------------|----------------------|
| 12/04/2023 | UPDATE SIGN CALLOUTS |

NOTE:
1. D3-1a to Follow City of Bloomington Sign Specifications and Details

- LEGEND**
- (41) Line, Thermoplastic, Solid, White, 4 in.
 - (42) Line, Thermoplastic, Solid, Yellow, 4 in.
 - (43) Line, Thermoplastic, Broken, Yellow, 4 in.

- (46) Transverse Marking, Thermoplastic, Stop Line, 24 in.
- (47) Transverse Marking, Thermoplastic, White, Crosswalk Line, 24 in.
- (48) Snowplowable Raised Pavement Marker, Blue

All Thermoplastic on concrete primer required per manufacturers recommendations



| | | |
|--------------------------|-------------------------------|-----------|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: |
| CHECKED: | JTE | CHECKED: |
| | | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING

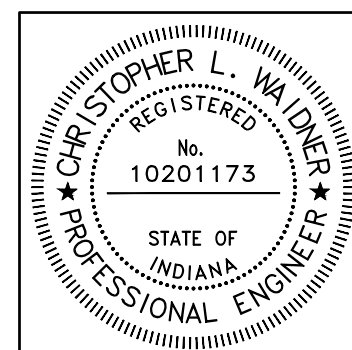
| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 20' | N/A |
| VERTICAL SCALE | DESIGNATION |
| N / A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 75 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

PAVEMENT QUANTITIES AND APPROACH TABLE

| LOCATION | OFFSET | DESCRIPTION (APPROACH TYPE OR CLASS) | WIDTH | LENGTH | CURB, CONCRETE, MODIFIED | PCCP FOR APPROACHES, 6 IN. | PCCP, 9 IN. | SIDEWALK CONCRETE, 4 IN. | 6 IN. CONCRETE CURB | CONCRETE, CURB AND GUTTER, MODIFIED | CONCRETE CURB AND GUTTER | DENSE GRADED SUBBASE | COMPACTED AGGREGATE NO. 53 | HMA MATERIALS | | | MILLING ASPHALT, 1-1/2 IN. | SUBGRADE TREATMENT TYPE II | SUBGRADE TREATMENT TYPE IBL | GEOGRID | CONCRETE PATCHING, FULL DEPTH | STAMPED CONCRETE SIDEWALK | CURB RAMP | DETECTABLE WARNING SURFACE | | | |
|----------------|--------|---|-------|--------|--------------------------|----------------------------|-------------|--------------------------|---------------------|-------------------------------------|--------------------------|----------------------|----------------------------|----------------------------------|---------------------------------------|-------------------------------|----------------------------|----------------------------|-----------------------------|---------|-------------------------------|---------------------------|-----------|----------------------------|----|-----|----|
| | | | | | | | | | | | | | | QC/QA-HMA, 2, 64 SURFACE, 9.5 mm | QC/QA-HMA, 2, 64, INTERMEDIATE, 19 mm | QC/QA-HMA, 2, 64, BASE, 25 mm | | | | | | | | | | | |
| | | | | | | | | | | | | | | 165#/SY D | 275#/SY D | 440#/SY D | | | | | | | | | | | |
| LINE "PR-A" | | | FT | FT | FT | SYS | SYS | SYS | LFT | LFT | LFT | CYS | SYS | SYS | SYS | SYS | SYS | SYS | SYS | SYS | SYS | SYS | SYS | | | | |
| 18+78 to 19+41 | | Mainline | | | | | | 10.0 | 9.0 | 61.0 | | | | 236.3 | 236.3 | | | | | 86.8 | | 8.8 | 2.0 | | | | |
| 19+41 to 27+00 | | Mainline | | | 325 | | | 847.3 | | 1385.0 | | | 2316.7 | 1469.4 | 1469.4 | 1469.4 | | 1469.4 | | | | 106.4 | 24.0 | | | | |
| 27+00 to 32+00 | | Mainline | | | | | | 775.6 | 163.0 | 250.0 | | | 1639.3 | 863.7 | 863.7 | 863.7 | | 863.7 | | | 10.0 | 100.0 | 12.0 | | | | |
| 32+00 to 40+10 | | Mainline | | | | | | 838.1 | 120.0 | 1266.0 | | | 2286.7 | 1448.6 | 1448.6 | 1448.6 | | 1448.6 | | | 5.0 | 95.9 | 26.0 | | | | |
| 40+10 to 41+00 | | Mainline | | | | | | 4.5 | | 167.0 | | | 4.5 | 483.0 | | 483.0 | 483.0 | | | | 14.0 | 81.9 | 12.0 | | | | |
| | | | | | | | | | | | | | | | | | | | | | 11.0 | | | | | | |
| "S-1-A" | | Street Approach | | | | | | | | | | | | | | 86.0 | | | | | | | | | | | |
| "S-2-A" | | Street Approach | | | | | 284.4 | | 384.0 | | | 47.4 | 250.6 | 250.6 | 250.6 | 250.6 | | 535.0 | 284.4 | | | | | | | | |
| "S-3-A" | | Street Approach | | | | | 291.9 | | 140.0 | | | 48.6 | | | | | | 291.9 | 291.9 | | | | | | | | |
| "S-4-A" | | Street Approach | | | | | 343.4 | | | 373.0 | | 57.2 | 549.8 | 549.8 | 269.4 | 269.4 | 549.8 | | 893.2 | 343.4 | | | | | | | |
| "S-5-A" | | Street Approach | | | | | 262.6 | | 176.0 | | | 43.8 | 15.4 | 15.4 | 15.4 | 15.4 | | 278.0 | 262.6 | | | | | | | | |
| "S-6-A" | | Street Approach | | | | | 300.7 | | 155.0 | 84.0 | | 50.1 | 80.0 | 80.0 | 80.0 | 80.0 | | 380.7 | 300.7 | | | | | | | | |
| LINE "PR-A" | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18+94.00 | L | Mod. Class I | 34.0 | 22.0 | | | 57.4 | | 51.0 | | | 9.6 | | | | | | 57.4 | | | | | | | | | |
| 22+17.00 | R | Mod. Class I | 20.0 | 21.5 | | | 56.3 | | 24.0 | | | 9.4 | | | | | | 56.3 | | | | | | | | | |
| 31+77.00 | R | Mod. Class I | 22.0 | 21.5 | | | 63.8 | | 53.0 | | | 10.6 | | | | | | 63.8 | | | | | | | | | |
| 31+82.00 | L | Mod. Class I | 24.0 | 26.0 | | | 86.1 | | 66.0 | | | 14.3 | | | | | | 86.1 | | | | | | | | | |
| 32+54.00 | R | Mod. Class I | 16.0 | 20.5 | | | 46.3 | | 24.0 | | | 7.7 | | | | | | 46.3 | | | | | | | | | |
| 34+39.00 | R | Mod. Class I | 14.0 | 39.5 | | | 90.5 | | 24.0 | | | 15.1 | | | | | | 90.5 | | | | | | | | | |
| 35+35.00 | L | Mod. Class I | 12.0 | 19.5 | | | 44.6 | | | | | 7.4 | | | | | | 44.6 | | | | | | | | | |
| 35+53.00 | R | Mod. Class I | 18.0 | 29.5 | | | 69.2 | | 46.0 | | | 11.5 | | | | | | 69.2 | | | | | | | | | |
| 38+69.00 | R | Mod. Class III | 24.0 | 21.5 | | | 84.9 | | 35.0 | | | 14.1 | | | | | | 84.9 | 84.9 | | | | | | | | |
| 38+96.00 | L | Mod. Class VII | 40.0 | 21.5 | | | 174.9 | | 161.0 | | | 29.1 | | | | | | 174.9 | 174.9 | | | | | | | | |
| 39+80.00 | R | Mod. Class I | 23.0 | 21.5 | | | 75.8 | | 34.0 | | | 12.6 | | | | | | 75.8 | | | | | | | | | |
| TOTAL: | | | | | | | 325 | 590 | 1743 | 2475 | 1656 | 3586 | 0 | 389 | 7143 | 5397 | 4397 | 4397 | 5483 | 719 | 590 | 6421 | 1743 | 87 | 40 | 393 | 76 |
| TON: | | | | | | | | | | | | | | | 2929 | 446 | 605 | 968 | 2.0 | | | | | | | | |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\10 Tables\
 FILE: Data Tables.dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04 2023 - 3:13pm

| | |
|------------|-------------------|
| DATE: | REVISIONS |
| 12/04/2023 | UPDATE QUANTITIES |



| | | | |
|--------------------------|--------------|---|--|
| RECOMMENDED FOR APPROVAL | | <i>Christopher L. Waldner</i> 12/4/2023 | |
| | | Christopher Waldner DATE | |
| DESIGNED: RJB | DRAWN: RJB | | |
| CHECKED: JTE | CHECKED: JTE | | |

| | |
|--------------------------------------|--|
| INDIANA DEPARTMENT OF TRANSPORTATION | |
| APPROACH TABLE | |

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| N/A | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 76 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

TEMPORARY EROSION CONTROL TABLE

| STATION | LOCATION | | | SILT FENCE | INLET PROTECTION |
|---------------|----------|--------|-------|------------|------------------|
| | LEFT | MEDIAN | RIGHT | | |
| Line "PR-A" | | | | LFT | EACH |
| 19+50 | | | X | 160 | 48 |
| 31+97 | | | X | 50 | |
| 32+26 | X | | | 70 | |
| 37+38 | X | | | 90 | |
| TOTAL: | | | | 370 | 48 |

Concrete Washout to be placed ith agreement of the City of Bloomington inspection team

PAVEMENT MARKINGS SUMMARY OF QUANTITIES

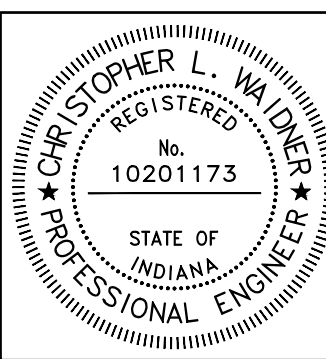
| LOCATION | LINE, THERMOPLASTIC | | LINE, THERMOPLASTIC | | TRANSVERSE MARKINGS, STOP LINE | | TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK LINE | | |
|------------------------|---------------------|--------------|---------------------|---------------|--------------------------------|-------------|--|-------------|-------------|
| | SOLID WHITE | SOLID YELLOW | BROKEN WHITE | BROKEN YELLOW | SOLID WHITE | SOLID WHITE | SOLID WHITE | SOLID WHITE | SOLID WHITE |
| | 4 in ft | 4 in ft | 4 in ft | 4 in ft | 12 in ft | 24 in ft | 4 in ft | 6 in ft | 24 in ft |
| PR-A | 30 | 480 | 20 | | | 136 | | 59 | 856 |
| Along 1st St | | | | | | | | | |
| 1st St. / Maple St. | | | | | | | | 59 | |
| 1st St. / Fairview St. | | 60 | | | | | | | 132 |
| 1st St. / Jackson St. | | | | | | | | | 132 |
| 1st St. / Rogers St. | | 295 | | | | 44 | | | 156 |
| 1st St. / Madison St. | | | | | | 10 | | | 96 |
| 1st St. / Morton St. | | | | | | 24 | | | 166 |
| 1st St. / College Ave. | 30 | 125 | 20 | | | 58 | | | 174 |
| Total | 30 | 480 | 20 | | | 136 | | 59 | 856 |

SHEET SIGN & POST SUMMARY

| PLAN SHEET NO. | SIGN LOCATION (STA.) | SIGN CODE | SIGN SIZE (IN x IN) | GROUND - MOUNTED SIGN AREA (ft ²) | | | MOUNTED ON OVHD STR, AREA (ft ²) | POST | |
|----------------|----------------------|-----------------|---------------------|---|---------------------------|--------|--|-----------------|-----------------|
| | | | | 0.080" | 0.080" 2-SIDED | 0.100" | | SQUARE | |
| | | | | | | | | | |
| | | | | | | | POST LENGTH (FT.) | | |
| | | | | | | | 1 | TOTAL | |
| 73 | 19+16 | R1-1 | 30x30 | 6.25 | | | | 13.0 | 13 |
| 73 | 20+00 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 73 | 20+00 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 73 | 22+33 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 73 | 22+69 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 73 | 23+00 | R6-1 | 36X9 | | 4.50 | | | 13.0 | 13.0 |
| | | D3-1, 1A | 36X9 | | 4.5 | | | | |
| 73 | 23+25 | OM4-1 (x4) | 18X18 | 9.00 | | | | 12.0 | 48.0 |
| 73 | 24+00 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 73 | 26+35 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 74 | 27+01 | OM4-1 (x4) | 18X18 | 9.00 | | | | 12.0 | 48.0 |
| 74 | 27+02 | OM4-1 (x4) | 18X18 | 9.00 | | | | 12.0 | 48.0 |
| 74 | 28+14 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 74 | 28+96 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 74 | 29+66 | R1-1 | 30X30 | 6.25 | | | | 15.0 | 15.0 |
| | | R1-3P | 18X6 | 0.75 | | | | | |
| | | D3-1, 1A | 36X9 | | 4.5 | | | | |
| 74 | 29+83 | R1-1 | 30X30 | 6.25 | | | | 13.5 | 13.5 |
| | | R1-3P | 18X6 | 0.75 | | | | | |
| 74 | 30+26 | R1-1 | 30X30 | 6.25 | | | | 13.5 | 13.5 |
| | | R1-3P | 18X6 | 0.75 | | | | | |
| 74 | 30+40 | R1-1 | 30X30 | 6.25 | | | | 13.5 | 13.5 |
| | | R1-3P | 18X6 | 0.75 | | | | | |
| 74 | 32+63 | R2-1 | 24x30 | 5.00 | | | | 13 | 13.0 |
| 75 | 33+32 | R1-1 | 30X30 | 6.25 | | | | 13.0 | 13.0 |
| 76 | 33+95 | R1-2 | 24x30 | 5 | | | | 13.0 | 13.0 |
| 75 | 36+58 | R1-1 | 30X30 | 6.25 | | | | 13.0 | 13.0 |
| 75 | 36+88 | R1-1 | 30X30 | 6.25 | | | | 14.5 | 14.5 |
| | | D3-1, 1A | 36X9 | | 4.50 | | | | |
| 75 | 36+95 | W11-15 (x2) | 30X30 | 13.50 | 6.25 | | | 14.0 | 14.0 |
| | | W16-7PR | 24X12 | 2.00 | 2.00 | | | | |
| | | W16-7PL | 24X12 | 2.00 | | | | | |
| 76 | 37+25 | W11-15 (x2) | 30X30 | 13.50 | 6.25 | | | 14.0 | 14.0 |
| | | W16-7PR | 24X12 | 2.00 | 2.00 | | | | |
| | | W16-7PL | 24X12 | 2.00 | | | | | |
| 76 | 37+32 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 76 | 39+77 | R2-1 | 24X30 | 5.00 | | | | 13.0 | 13.0 |
| 76 | 40+32 | R6-1L | 36X12 | | | | 3 | | |
| 76 | 40+32 | R10-12 | 30X36 | | | | 7.5 | | |
| 76 | 40+32 | D3-1, 1A | 18X90 | | | | 11.25 | | |
| 76 | 40+39 | R10-11 | 24x30 | | | | 5 | | |
| 76 | 40+59 | D3-1, 1A | 18X90 | | | | 11.25 | | |
| 76 | 40+83 | R6-1R | 36X12 | | | | 3.0 | | |
| 76 | 40+83 | R10-11 | 24X30 | | | | 5.0 | | |
| 76 | 40+83 | D3-1, 1A | 18X90 | | | | 11.25 | | |
| TOTAL | | | | 140.00 175.00 | 33.00 18.00 | | 57.25 | 342.0 | 450.0 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\10 Tables\
 FILE: Data Tables.dwg
 PLOTSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04 2023 3:13pm

| DATE: | REVISIONS |
|------------|---------------|
| 12/04/2023 | UPDATE TABLES |



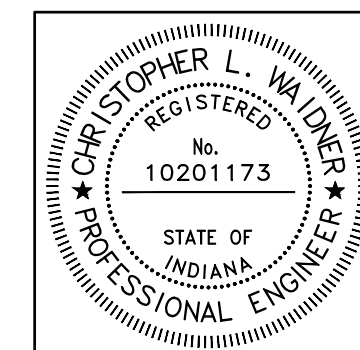
| | | | |
|--------------------------|-------------------------------|-----------|-----|
| RECOMMENDED FOR APPROVAL | <i>Christopher L. Waldner</i> | 12/4/2023 | |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DATA TABLE

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| N/A | N/A |
| VERTICAL SCALE | DESIGNATION |
| N/A | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 77 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\10 Tables\
 FILE: 4421.PIT01.dwg
 DIMSCALE: 1 LTSCALE: 20
 PLOTTED BY: ABuzza
 DATE: Jun 13, 2023 - 12:22pm

| | | STRUCTURE NUMBER | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|--|--|--|--|
| | | 38A | 38B | 39A | 40A | 40B | 41A | 41B | 41C | 42 | 42A | | | | | | | | | | |
| Pipe Type / Shape | | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | 2 / CIRCULAR | | | | | | | | | | |
| Smooth Pipe Size | | 42 | 12 | 42 | 42 | 12 | 42 | 12 | 12 | 42 | 15 | | | | | | | | | | |
| Corrugated Pipe Size | | 42 | 12 | 42 | 42 | 12 | 42 | 12 | 12 | 42 | 15 | | | | | | | | | | |
| RCP / RCHEP (S) | Class | II | II | II | II | II | II | II | II | II | II | | | | | | | | | | |
| | D _{0.01} Rating | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | | | | | | | | | |
| Corrugated Steel Pipe (Lock Seam) (LS) | | OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | | | | | | | | | | |
| Corrugated Steel Pipe (Riveted) (R) | | OK | OK | OK | OK | OK | OK | OK | OK | OK | OK | | | | | | | | | | |
| Spiral Rib Steel Pipe (SR) | | | | | | | | | | | | | | | | | | | | | |
| Ribbed PE Pipe (S) * | | | | | | | | | | | | | | | | | | | | | |
| Smooth Wall PE Pipe (S) * / Maximum DR | | | 26 | | | 26 | | 26 | 26 | | 26 | | | | | | | | | | |
| Profile Wall PVC Pipe (S) | | | | | | | | | | | | | | | | | | | | | |
| Smooth Wall PVC Pipe (S) * | | | | | | | | | | | | | | | | | | | | | |
| Corrugated Polypropylene Pipe (S) (Dual Wall) | | | OK | OK | OK | OK | OK | OK | OK | OK | OK | | | | | | | | | | |
| Fully Bituminous Coated & Lined (LS) (R) | Corrivation Profile | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | 2 2/3" X 1/2" | | | | | | | | | | |
| | Thickness | 0.079 | 0.079 | 0.079 | 0.079 | 0.079 | 0.079 | 0.079 | 0.079 | 0.079 | 0.079 | | | | | | | | | | |
| | Corrivation Profile | 3" X 1" | | 3" X 1" | 3" X 1" | | 3" X 1" | | 3" X 1" | | 3" X 1" | | | | | | | | | | |
| | Thickness | 0.079 | | 0.079 | 0.079 | | 0.079 | | 0.079 | | 0.079 | | | | | | | | | | |
| Zinc Coated w/ Bituminous Paved Invert (LS) (R) | Corrivation Profile | 5" X 1" (LS) | | 5" X 1" (LS) | 5" X 1" (LS) | | 5" X 1" (LS) | | 5" X 1" (LS) | | 5" X 1" (LS) | | | | | | | | | | |
| | Thickness | 0.079 (LS) | | 0.079 (LS) | 0.079 (LS) | | 0.079 (LS) | | 0.079 (LS) | | 0.079 (LS) | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Polymer Pre-coated Galvanized (LS) (R) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Zinc Coated (LS) (R) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Aluminum Coated Type 2 with Paved Paved Invert (LS) (R) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Polymer Pre-coated Galvanized Corrugated Steel Pipe Type 1A(S) (LS) | Corrivation Profile | 2 2/3" X 1/2" | | 2 2/3" X 1/2" | 2 2/3" X 1/2" | | 2 2/3" X 1/2" | | 2 2/3" X 1/2" | | 2 2/3" X 1/2" | | | | | | | | | | |
| | Thickness | 0.064 | | 0.064 | 0.064 | | 0.064 | | 0.064 | | 0.064 | | | | | | | | | | |
| | Corrivation Profile | 3" X 1" | | 3" X 1" | 3" X 1" | | 3" X 1" | | 3" X 1" | | 3" X 1" | | | | | | | | | | |
| | Thickness | 0.064 | | 0.064 | 0.064 | | 0.064 | | 0.064 | | 0.064 | | | | | | | | | | |
| Fully Bituminous Coated & Lined | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Zinc Coated w/ Bituminous Paved Invert | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Polymer Pre-coated Galvanized | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Zinc Coated | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Aluminum Coated Type 2 | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Polymer Pre-coated Galvanized Corrugated Steel Pipe Type 1A(S) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Corrugated Aluminum Alloy Pipe (LS) (R) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Corrugated Aluminum Alloy Pipe w/ Bituminous Paved Invert (C) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Structural Plate Aluminum Alloy Plate (C) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Structural Plate Aluminum Alloy Plate w/ Concrete Field Paving (C) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Structural Plate Steel Pipe (C) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| Structural Plate Steel Pipe w/ Concrete Field Paving (C) | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |
| | Corrivation Profile | | | | | | | | | | | | | | | | | | | | |
| | Thickness | | | | | | | | | | | | | | | | | | | | |



RECOMMENDED FOR APPROVAL *Christopher L. Waldner* 6/13/2023
 Christopher Waldner DATE

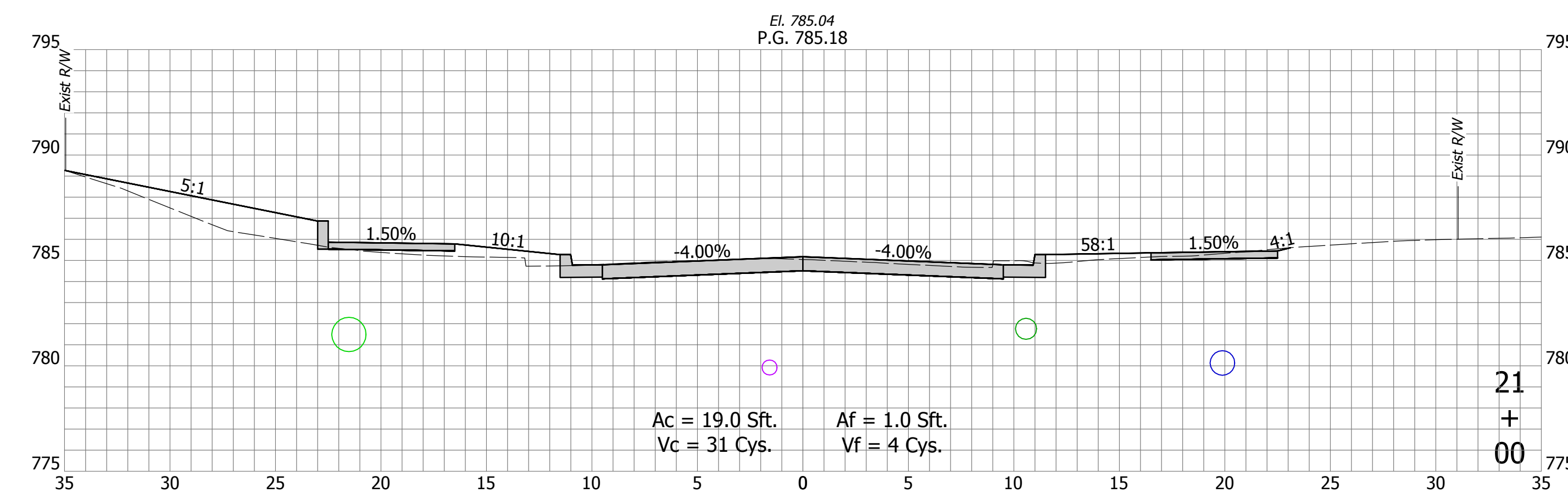
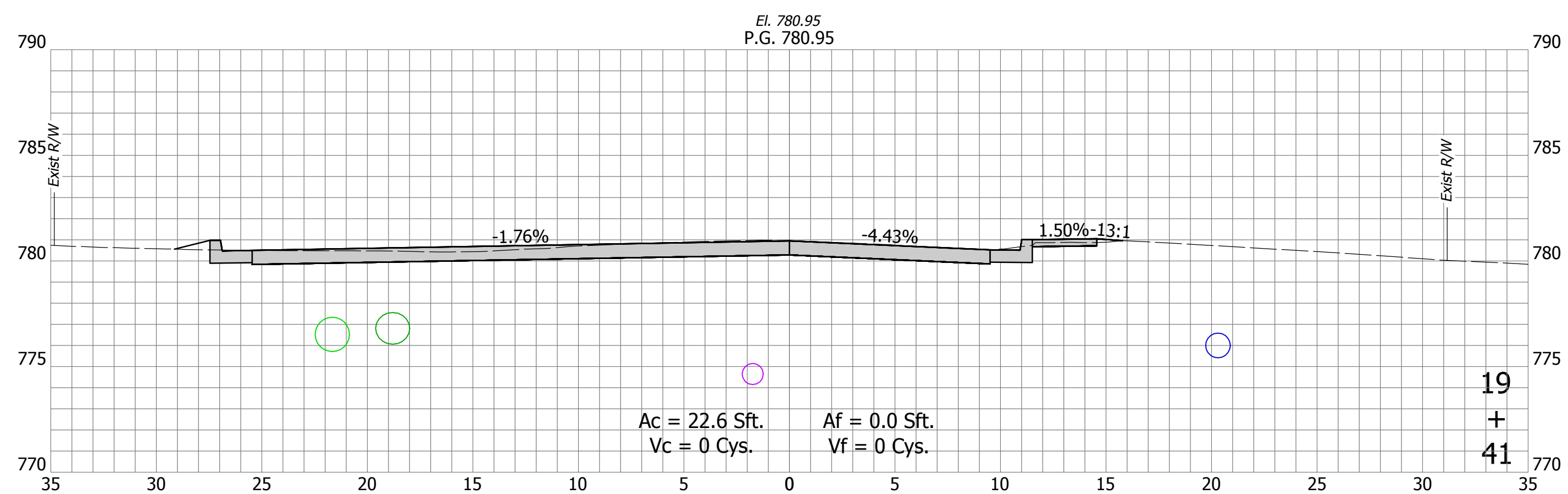
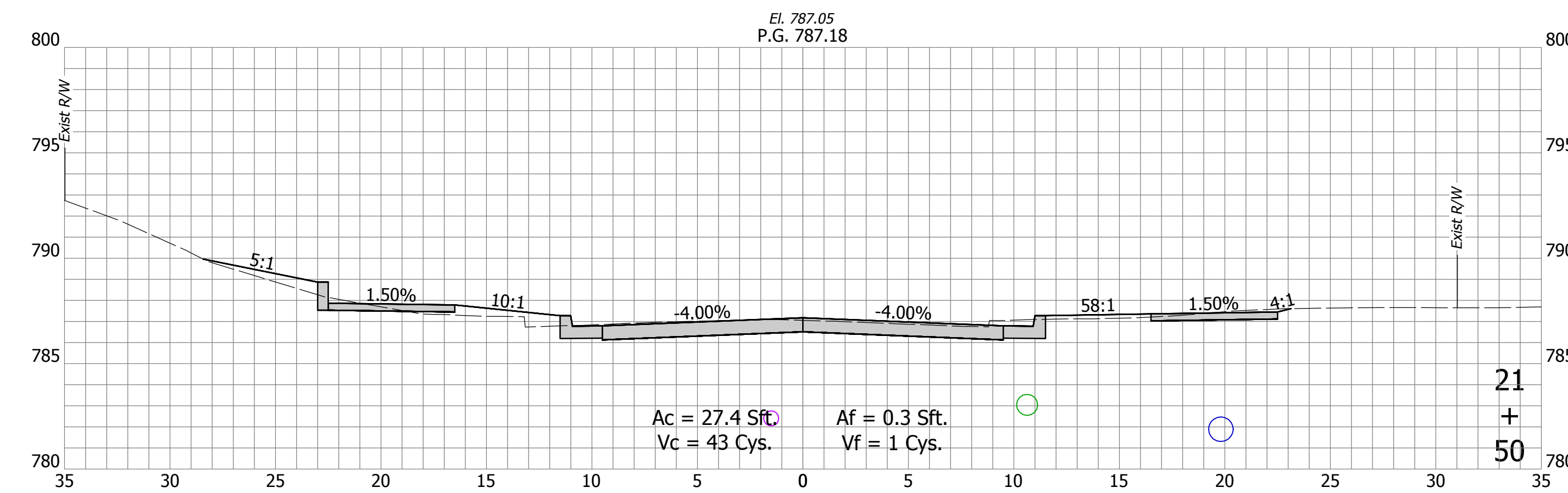
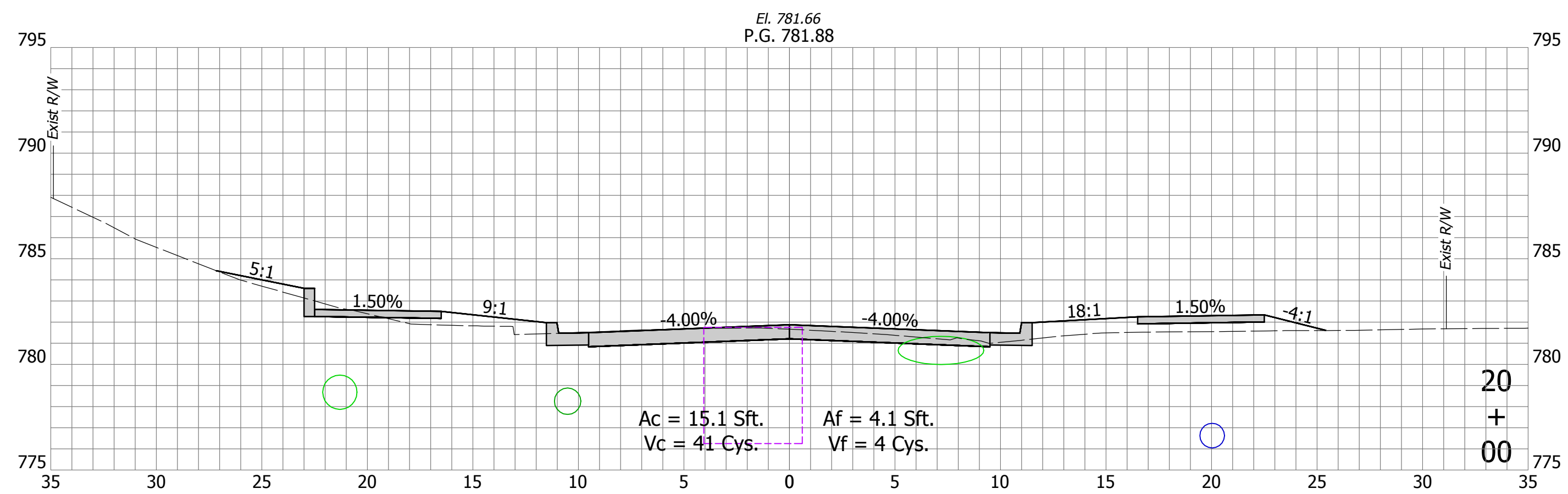
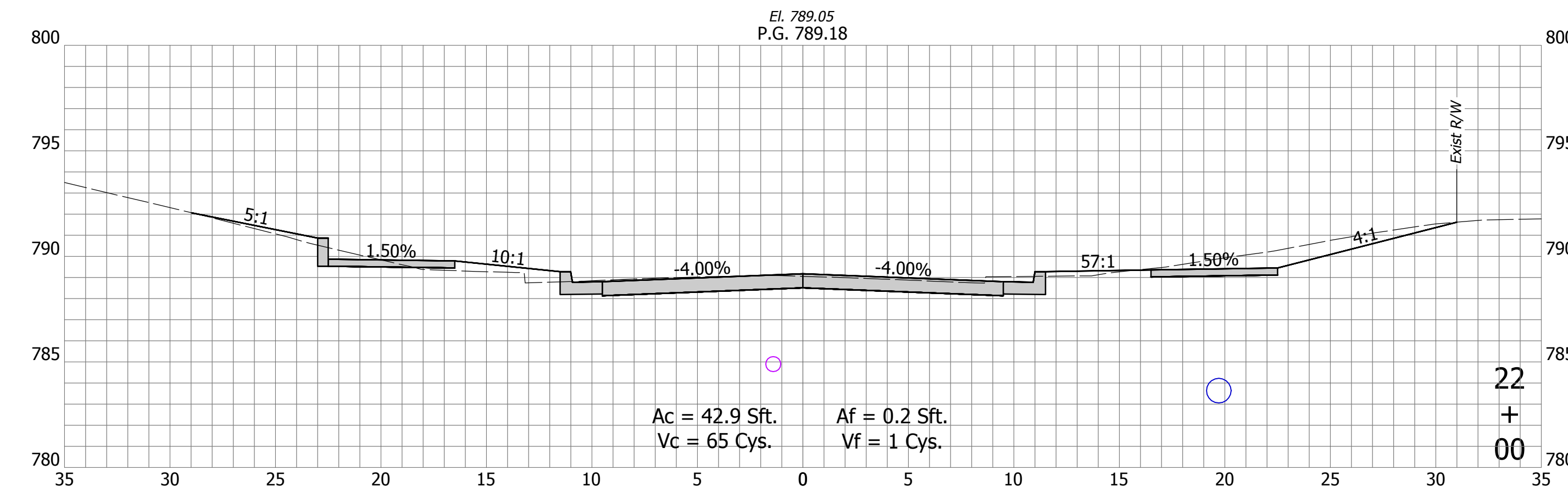
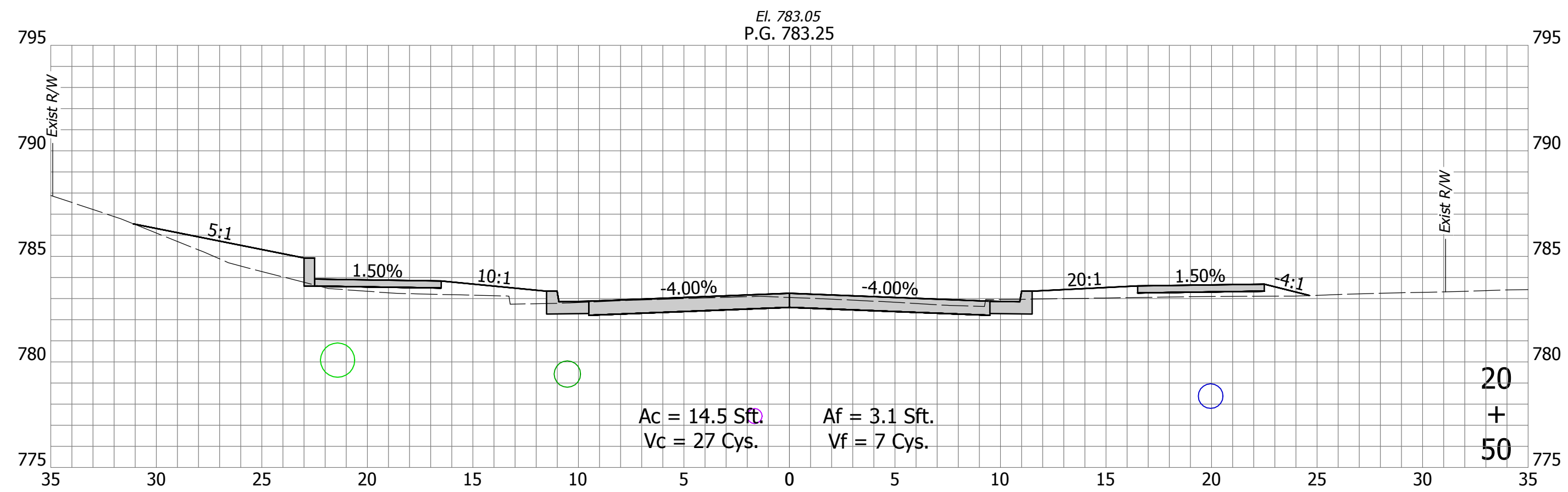
DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA
DEPARTMENT OF TRANSPORTATION

PIPE MATERIAL TABLE

| | |
|-------------------------|------------------------|
| HORIZONTAL SCALE N/A | BRIDGE FILE N/A |
| VERTICAL SCALE N/A | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 81 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

DIRECTORY: C:\Users\SFleming\Desktop\Projects From Desktop\20-4421 1st St. Bloomington\2023-08-16\Sheets
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 PLOTTED BY: SFleming
 DATE: Sep 15, 2023 - 1:43pm



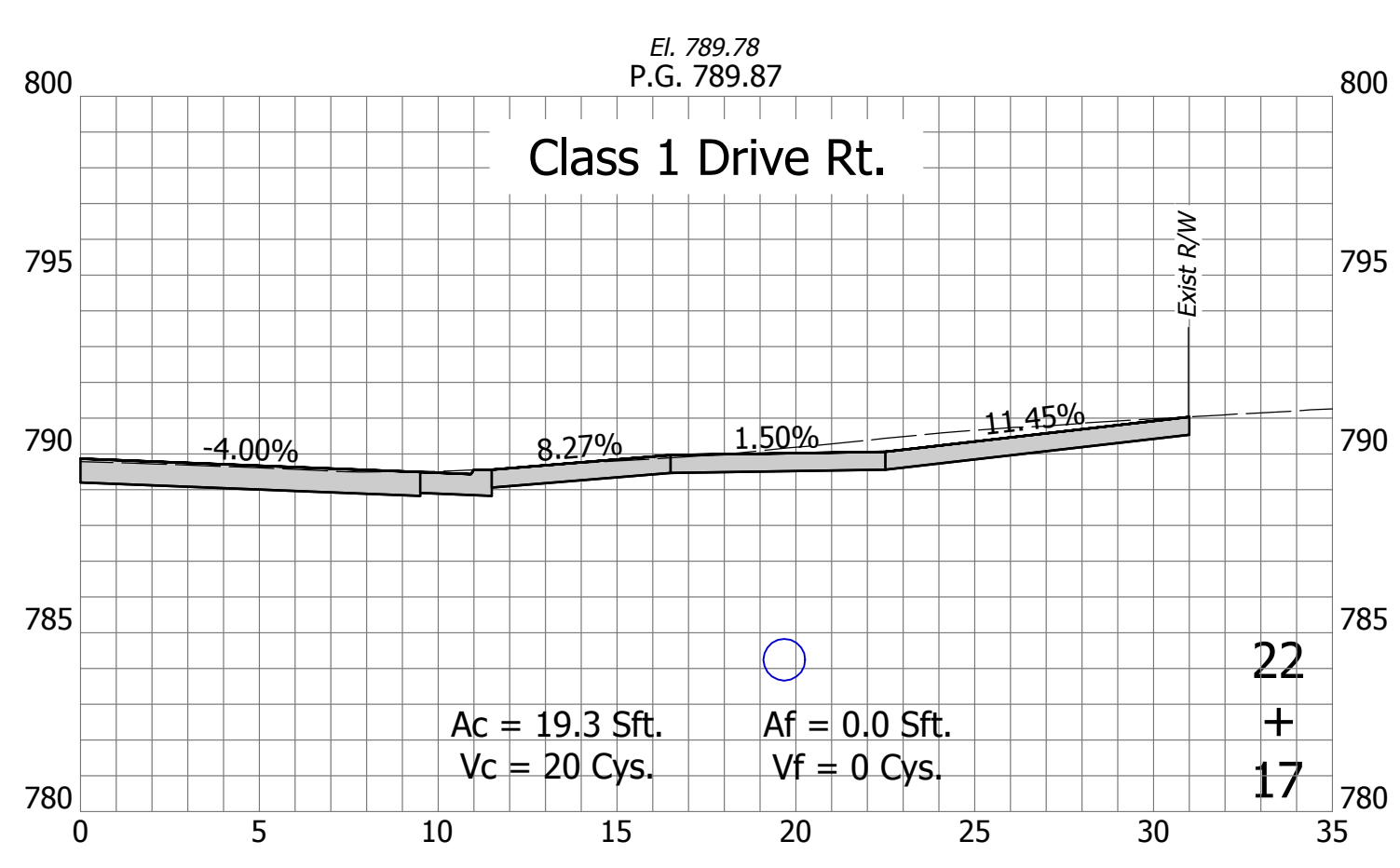
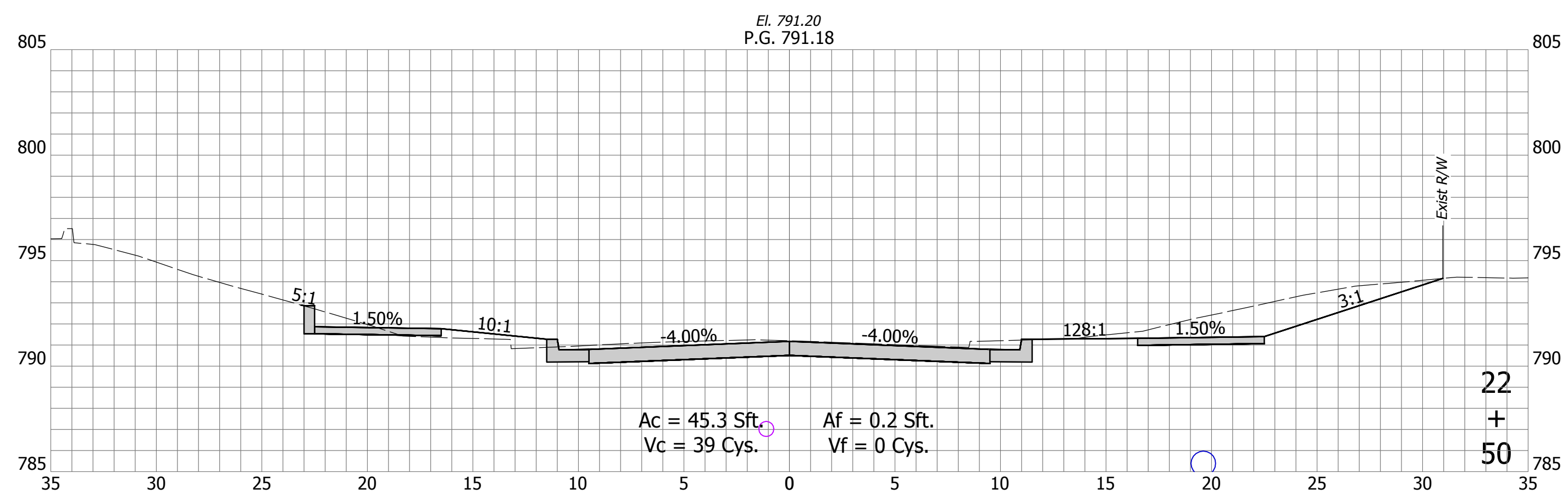
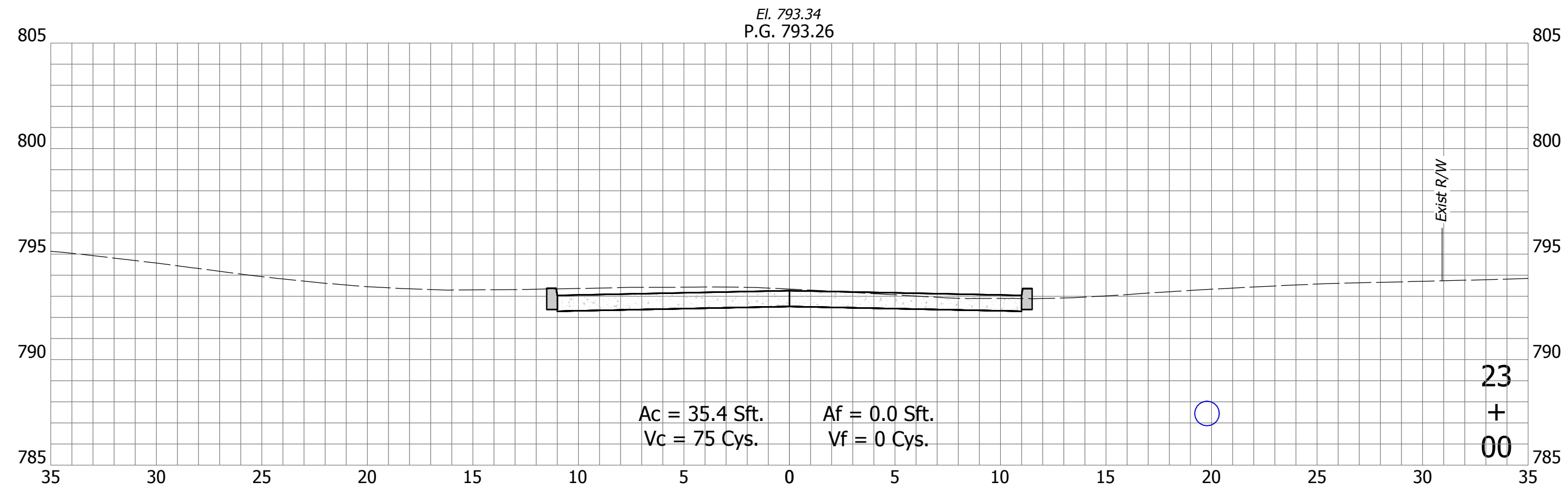
Begin Project: Sta. 19+41

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| RECOMMENDED FOR APPROVAL | Christopher Waldner | 9/15/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION
 Cross Sections
 Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 82 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: C:\Users\SFleming\Desktop\VS Projects From Desktop\20-4421 1st St. Bloomington\2023-08-16\Sheets\
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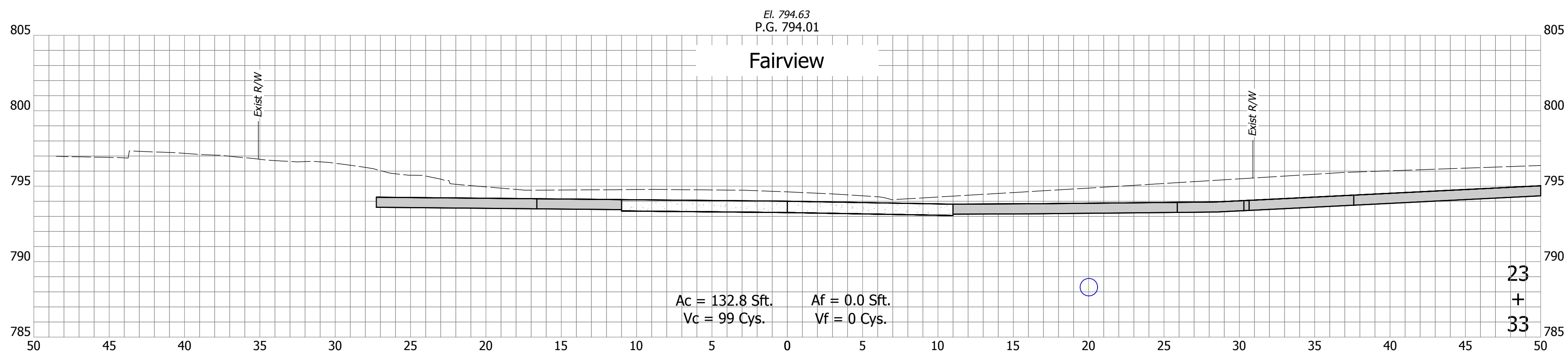
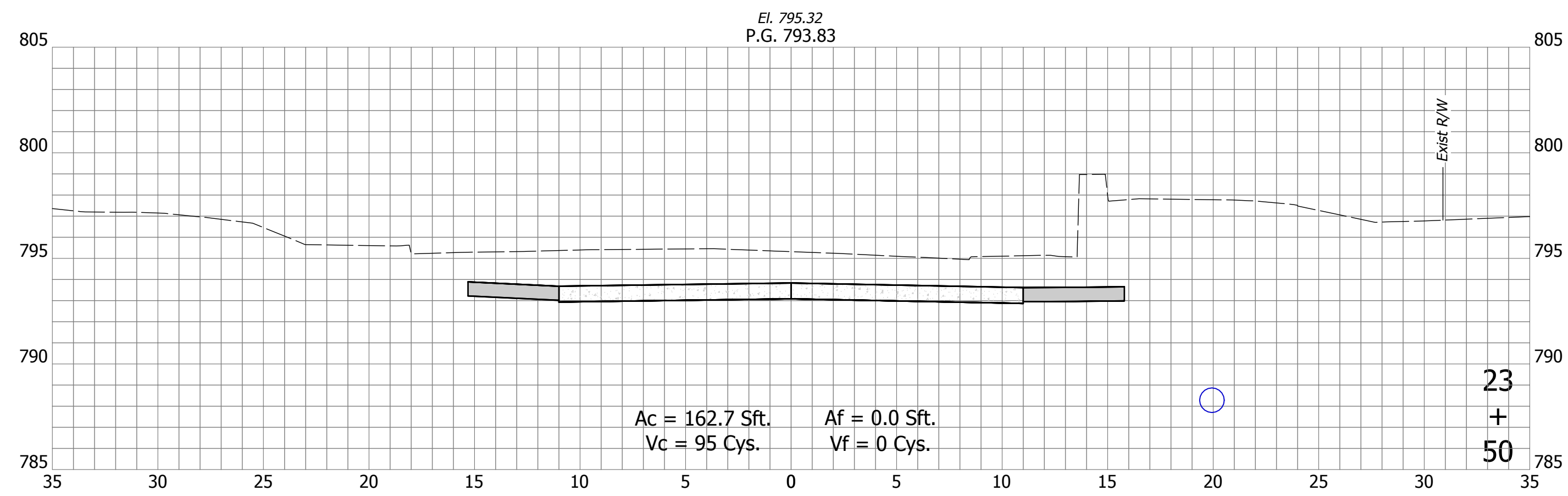
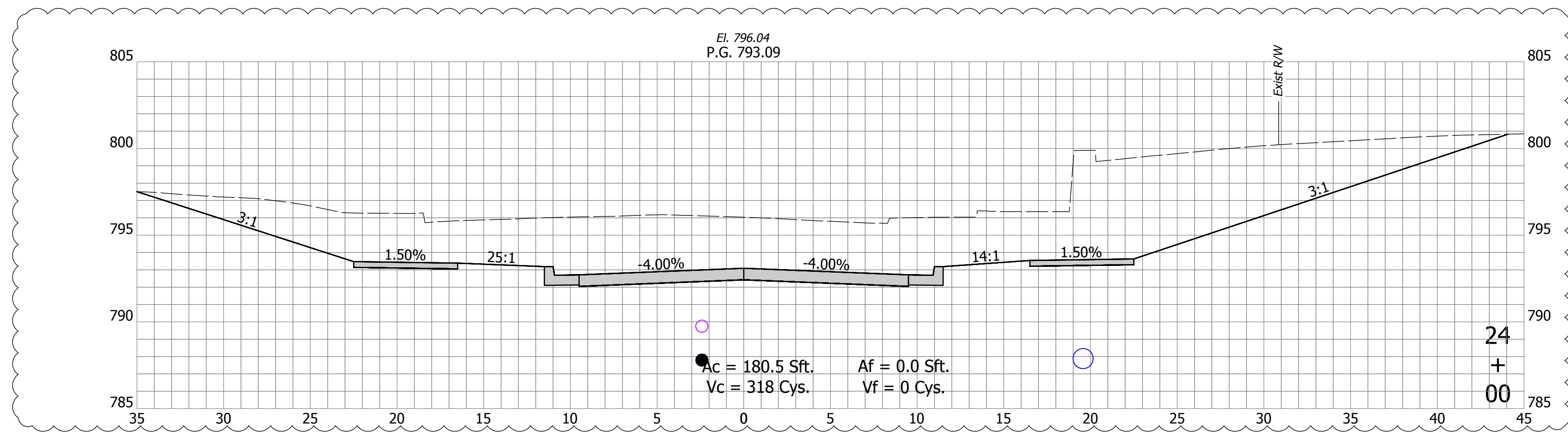


| | | | |
|--------------------------|--------------|-----------|--|
| RECOMMENDED FOR APPROVAL | | 9/15/2023 | |
| Christopher Waldner | | DATE | |
| DESIGNED: RJB | DRAWN: RJB | | |
| CHECKED: JTE | CHECKED: JTE | | |

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 83 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
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 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 4:31pm

| DATE: | REVISIONS |
|------------|----------------------|
| 12/04/2023 | UPDATE CROSS SECTION |

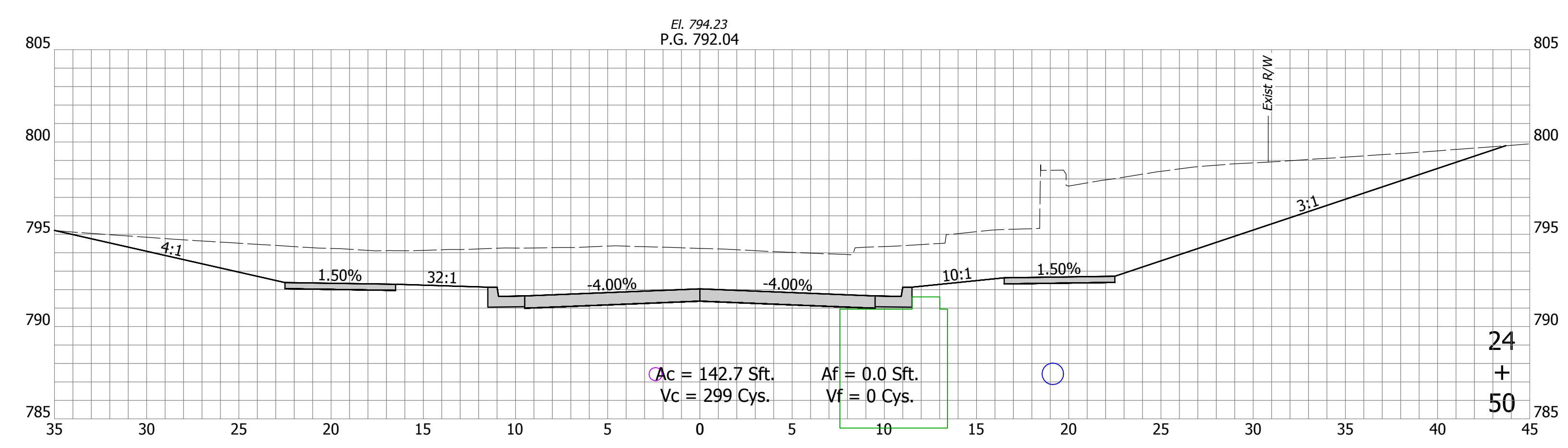
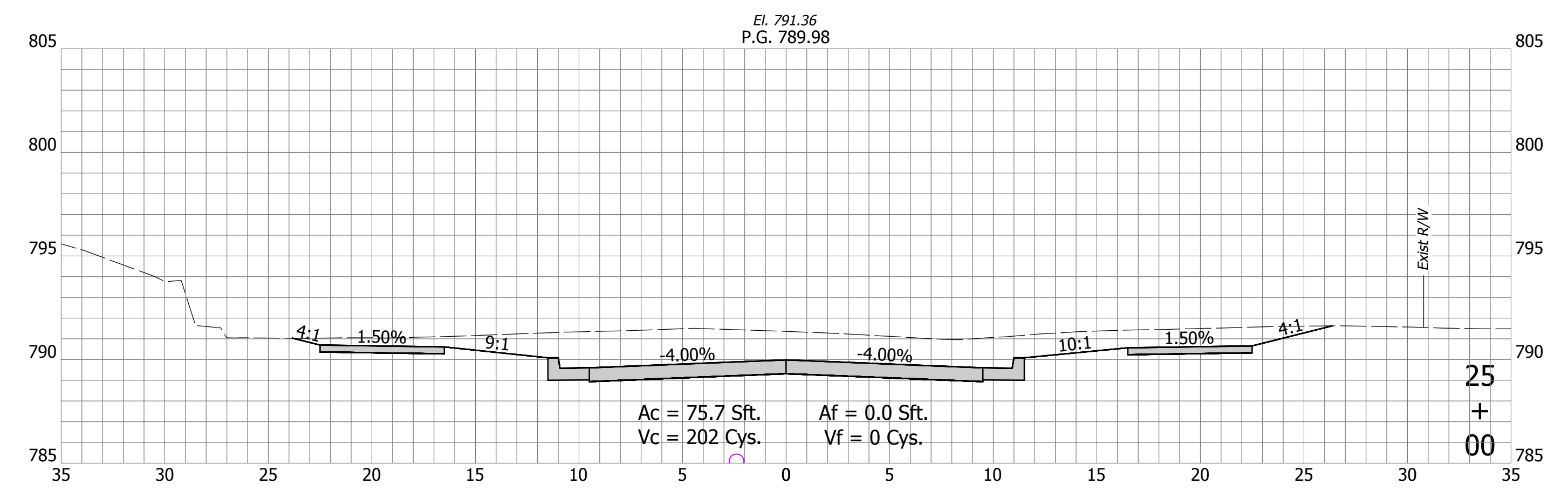
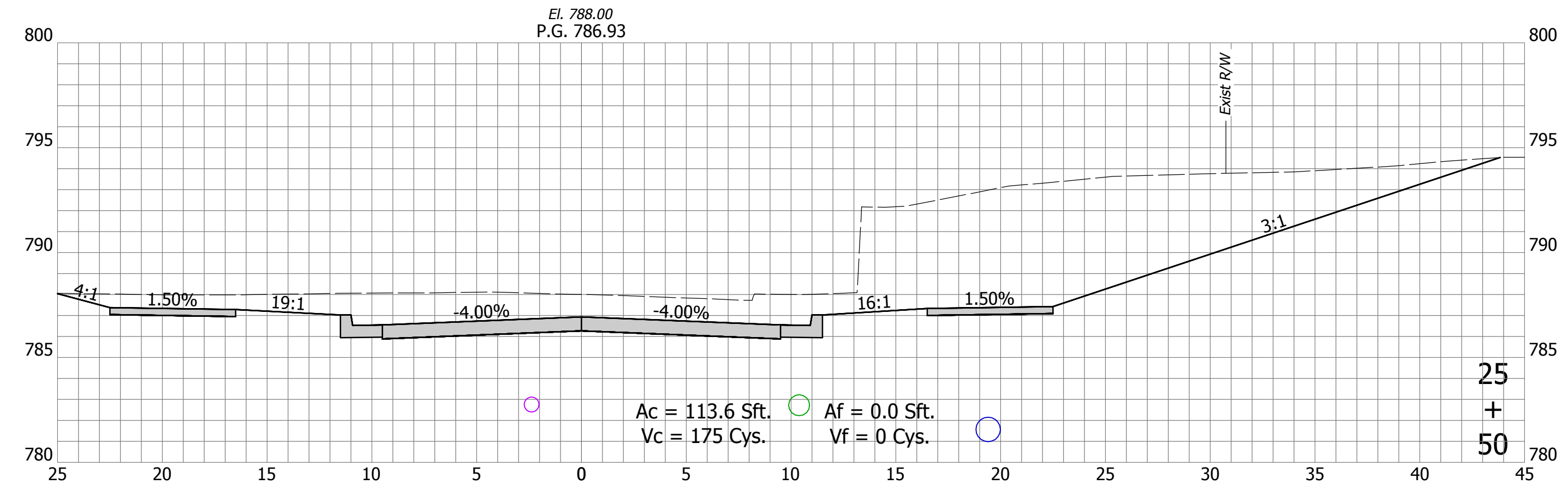
RECOMMENDED FOR APPROVAL: Christopher Waldner
 DATE: 12/4/2023

DESIGNED: RJB DRAWN: RJB
 CHECKED: JTE CHECKED: JTE

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
 Line "PR-A"

| | |
|-----------------------------|------------------------|
| HORIZONTAL SCALE 1" = 5' | BRIDGE FILE N/A |
| VERTICAL SCALE 1" = 5' | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 84 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |



DIRECTORY: C:\Users\SFleming\Desktop\Projects From Desktop\20-4421 1st St. Bloomington\2023-08-16\Sheets\
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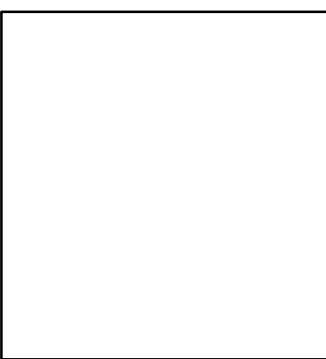
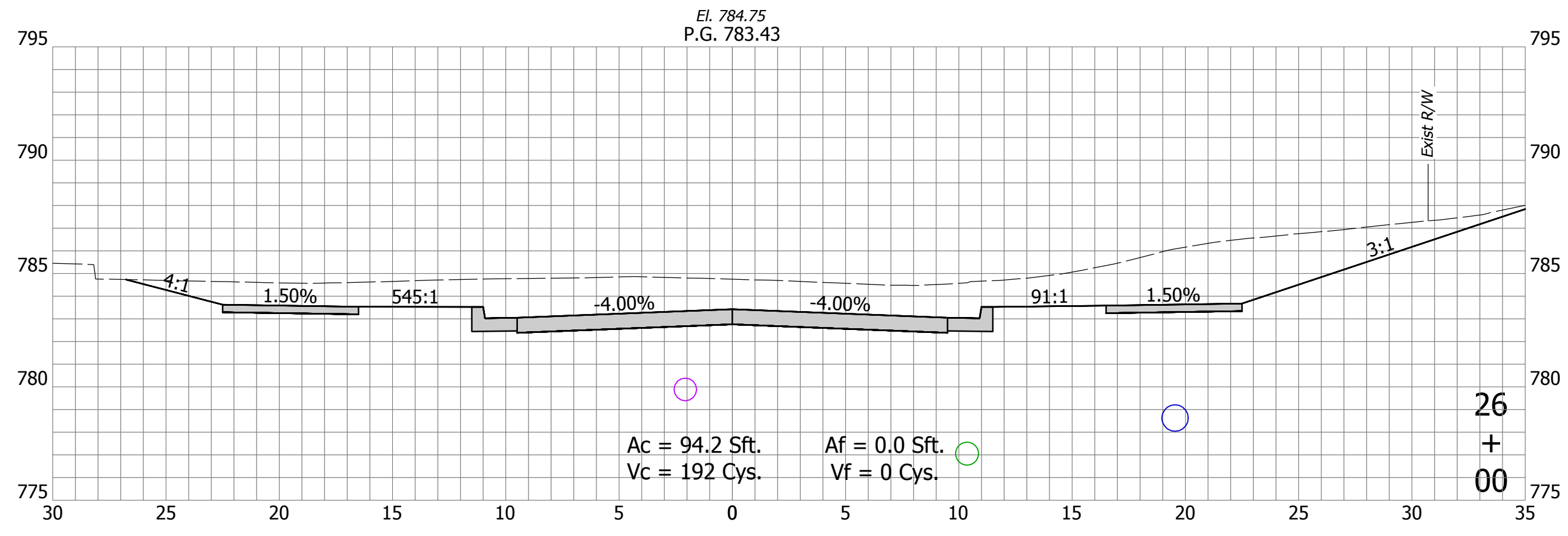
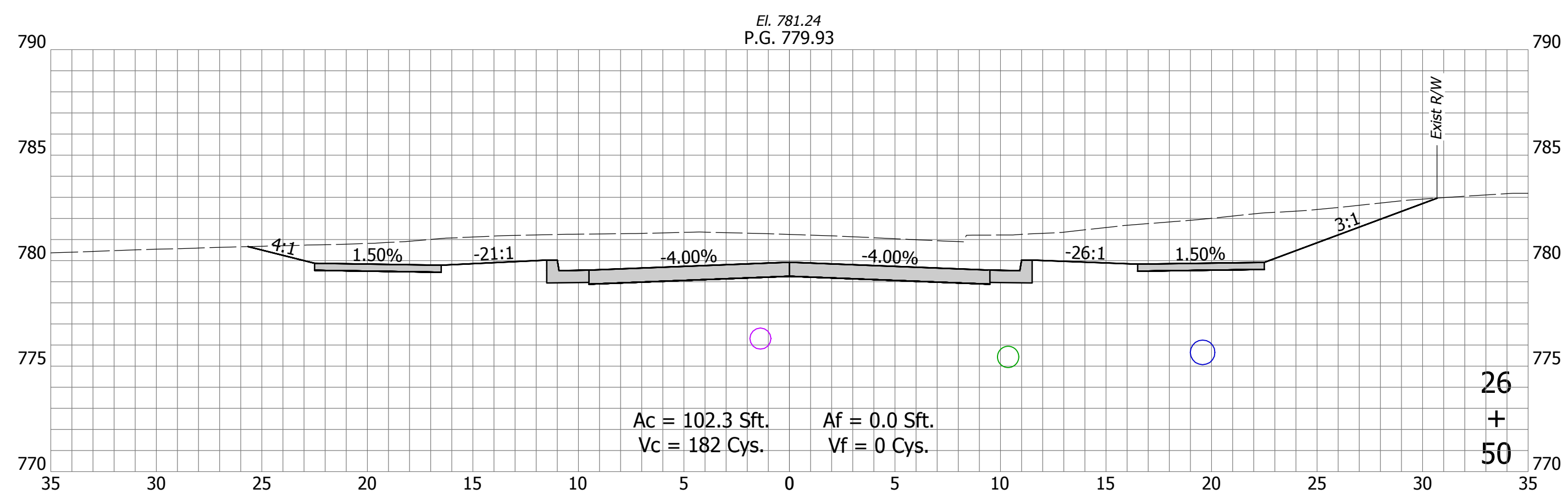
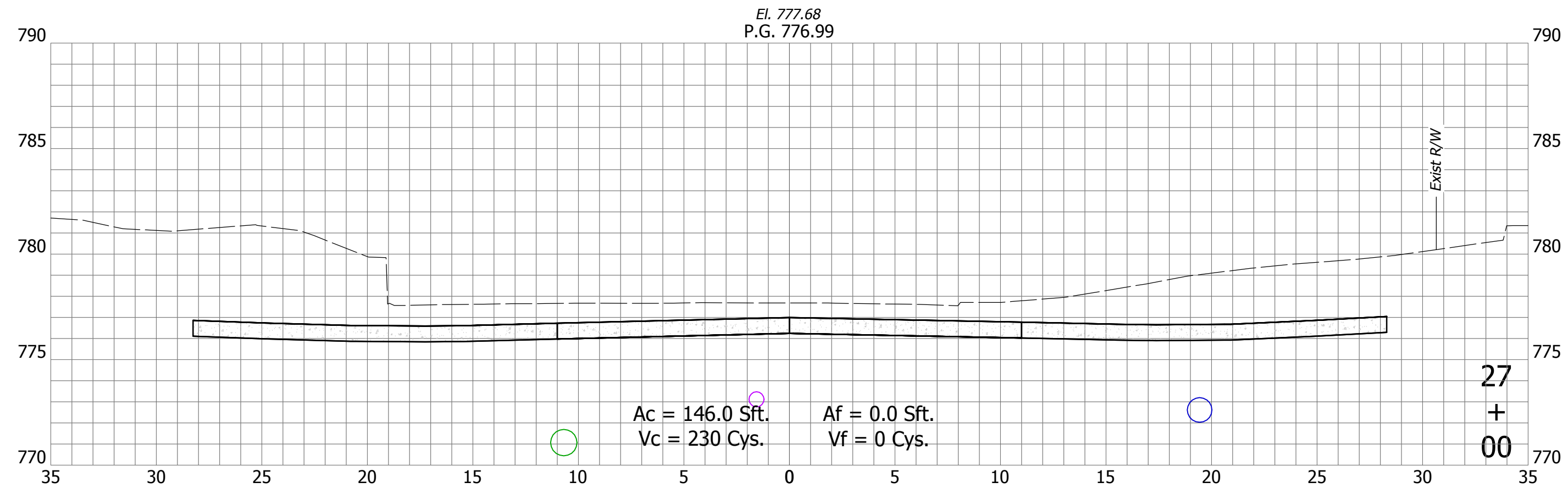
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| RECOMMENDED FOR APPROVAL | Christopher Waldner | DATE | 9/15/2023 |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 85 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
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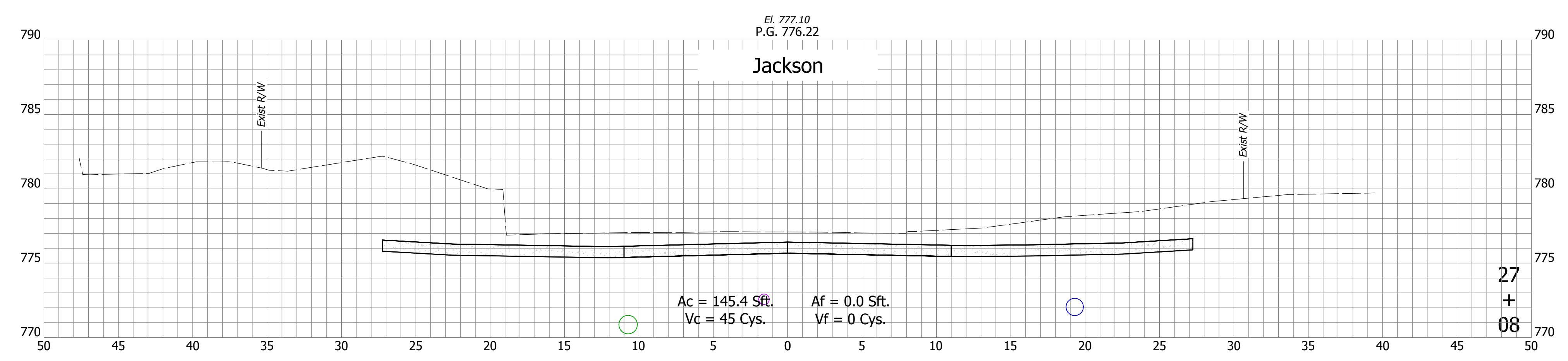
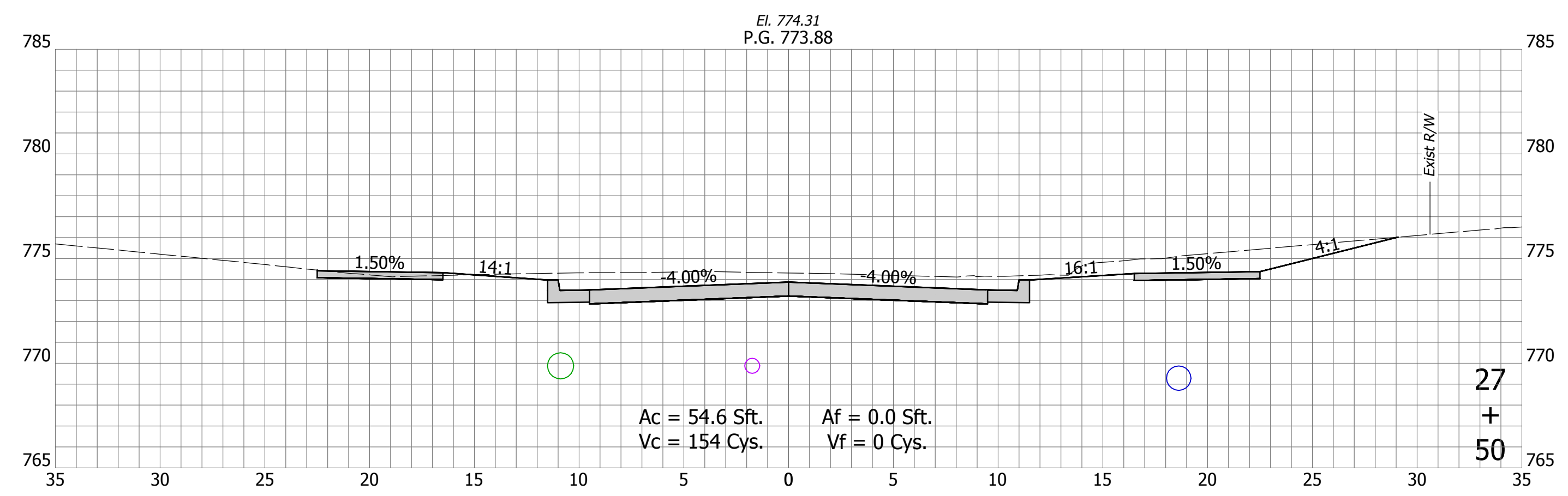
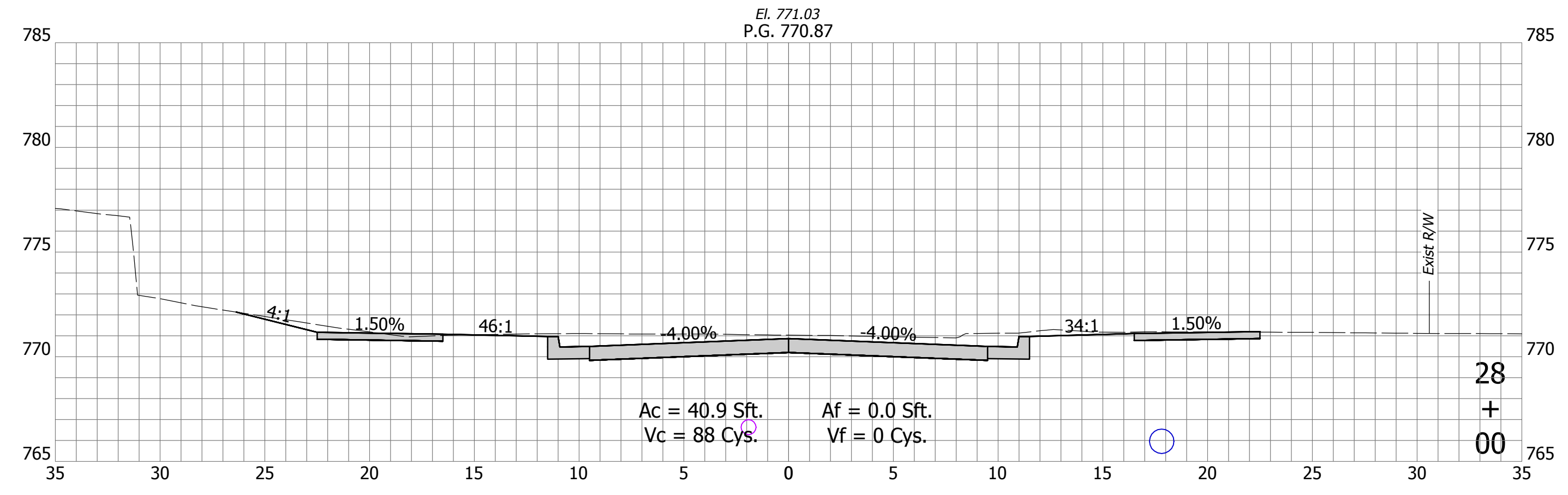


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|--------------------------|---------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | 9/15/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 86 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (1st Street).dwg
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 PLOTTED BY: SFlaming
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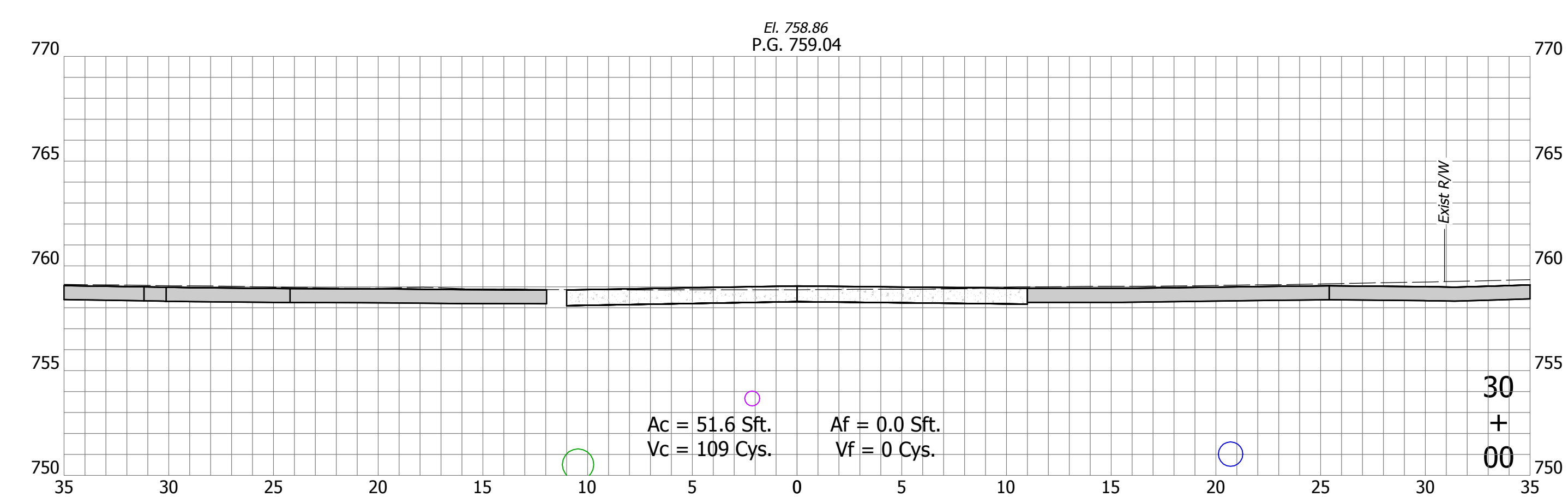
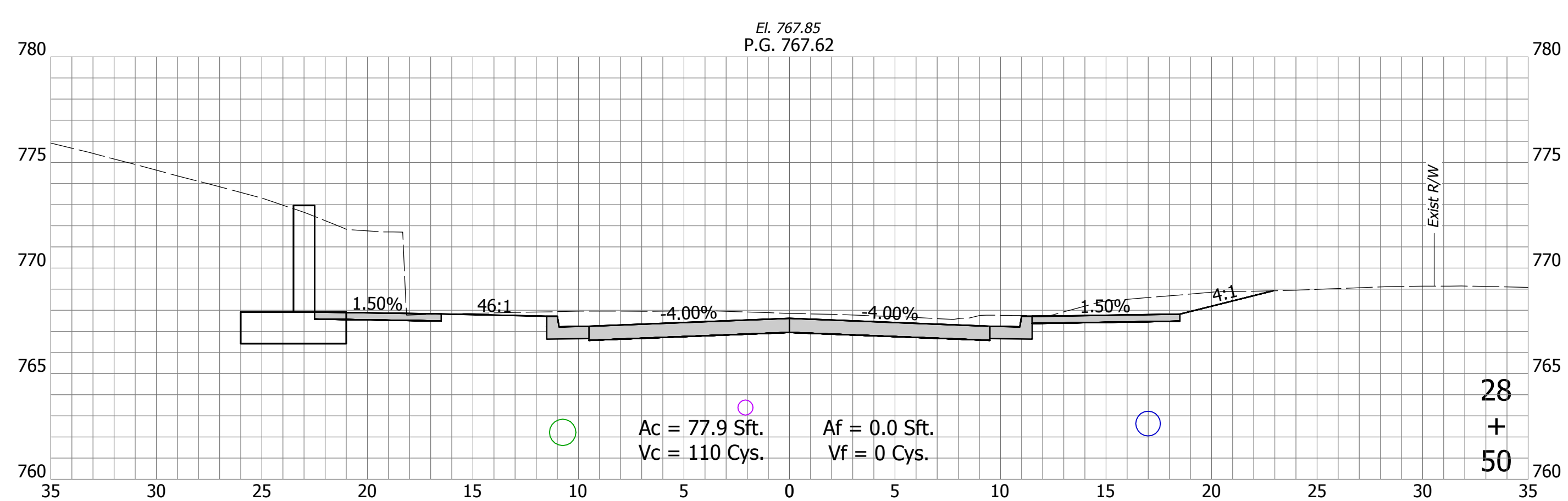
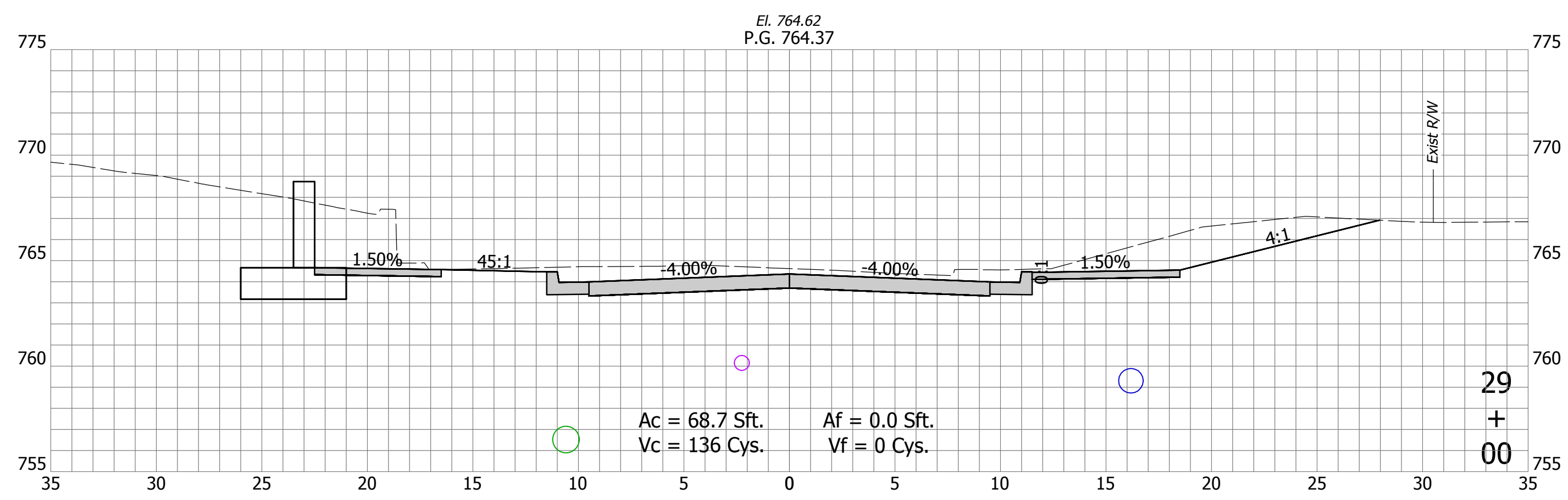
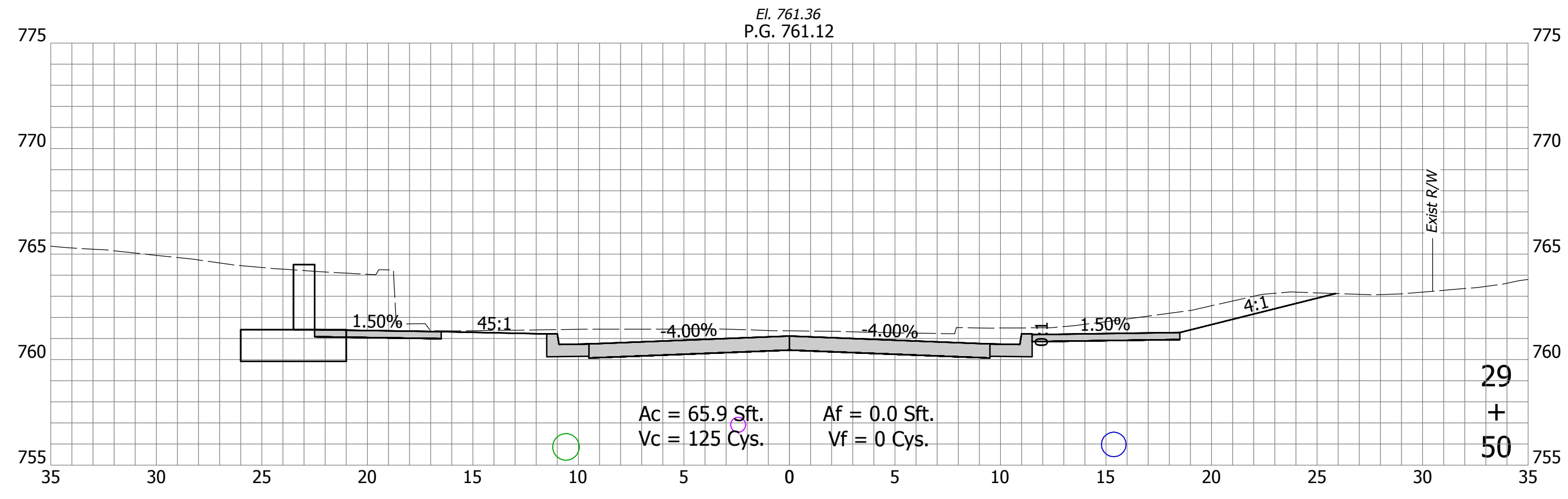
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|--------------------------|---------------------|----------|-----------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | DATE | 9/15/2023 |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

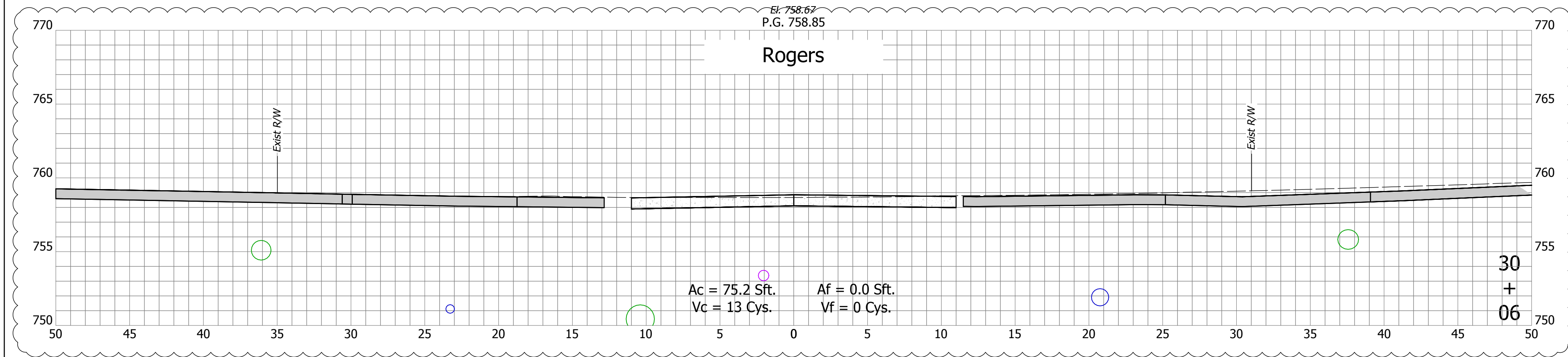
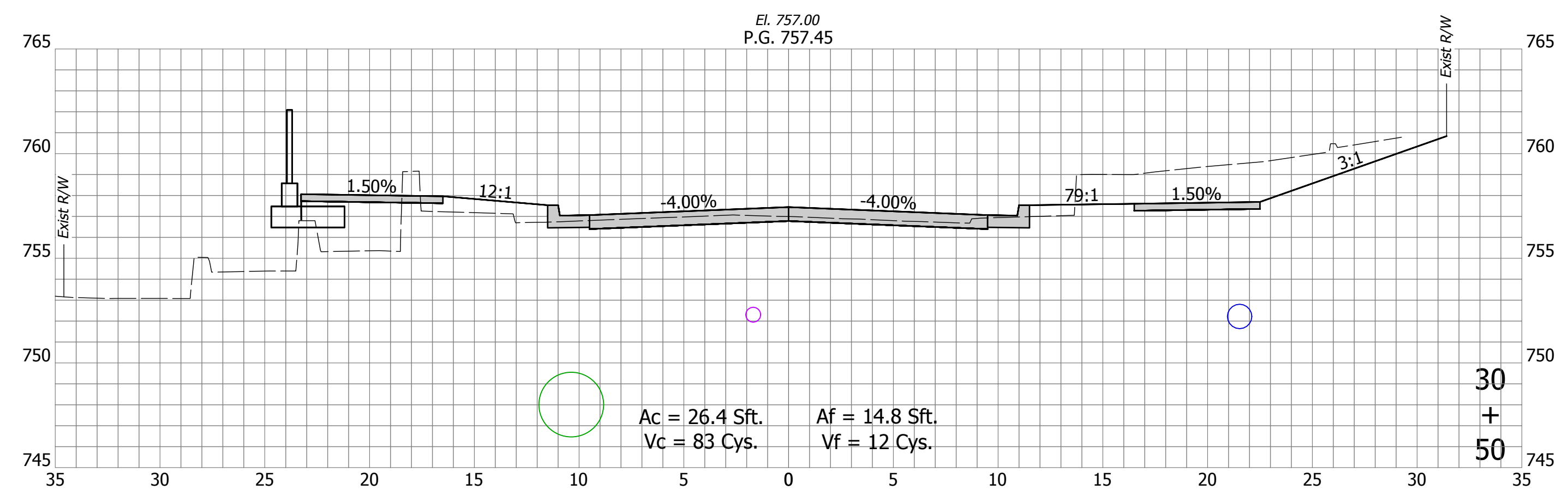
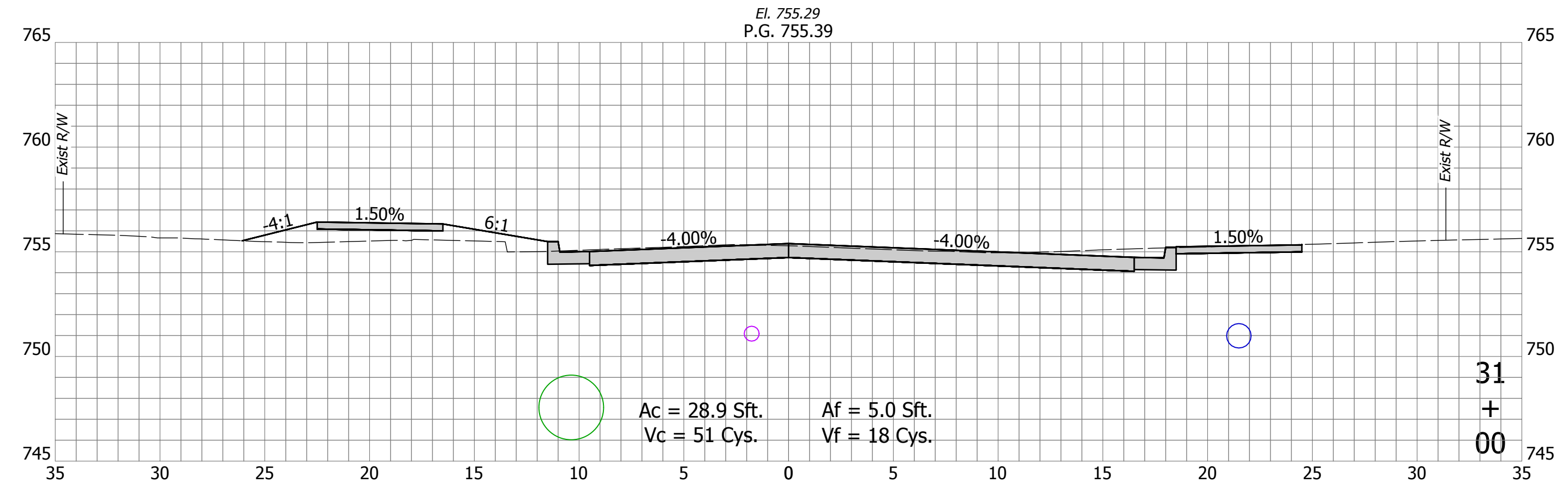
Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 87 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
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 PLOTTED BY: SFlaming
 DATE: Sep 15, 2023 - 1:47pm



| | | | | | | |
|---------------|--------------------------|--|--|----------------|------------------|-------------|
| | RECOMMENDED FOR APPROVAL | 9/15/2023 | INDIANA DEPARTMENT OF TRANSPORTATION Cross Sections Line "PR-A" | | HORIZONTAL SCALE | BRIDGE FILE |
| | Christopher Waldner | DATE | | | 1" = 5' | N/A |
| DESIGNED: RJB | DRAWN: RJB | INDIANA DEPARTMENT OF TRANSPORTATION Cross Sections Line "PR-A" | | VERTICAL SCALE | DESIGNATION | |
| CHECKED: JTE | CHECKED: JTE | | | 1" = 5' | 1900399 | |
| | | | | SURVEY BOOK | SHEETS | |
| | | CONTRACT | PROJECT | | | |
| | | R-41892 | 1900399 | | | |



DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
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| DATE: | REVISIONS |
|------------|----------------------|
| 12/04/2023 | UPDATE CROSS SECTION |

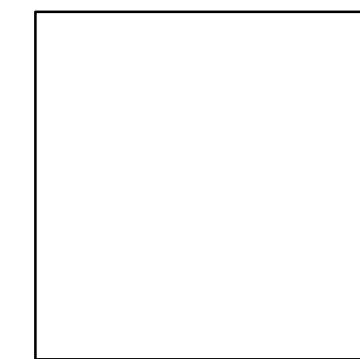
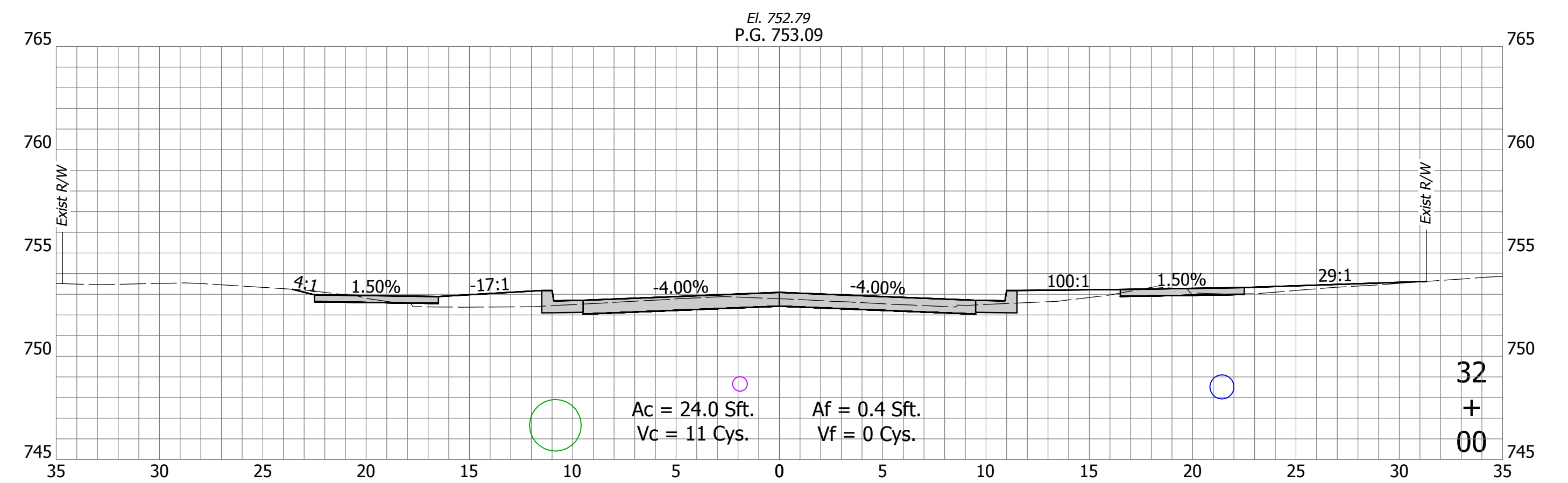
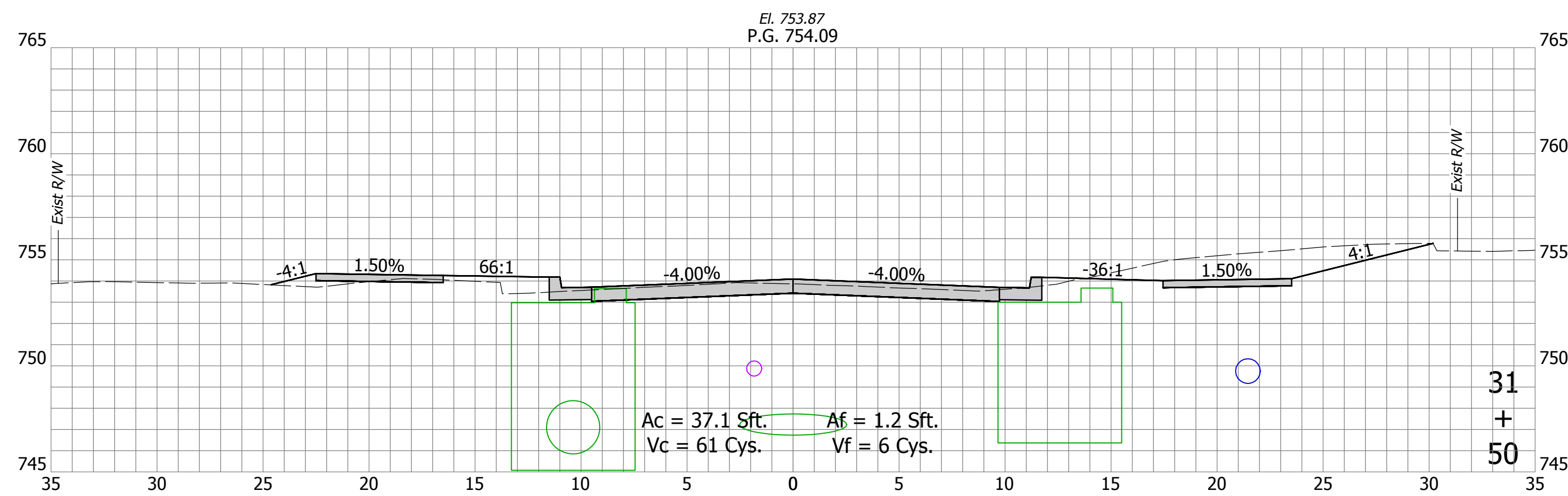
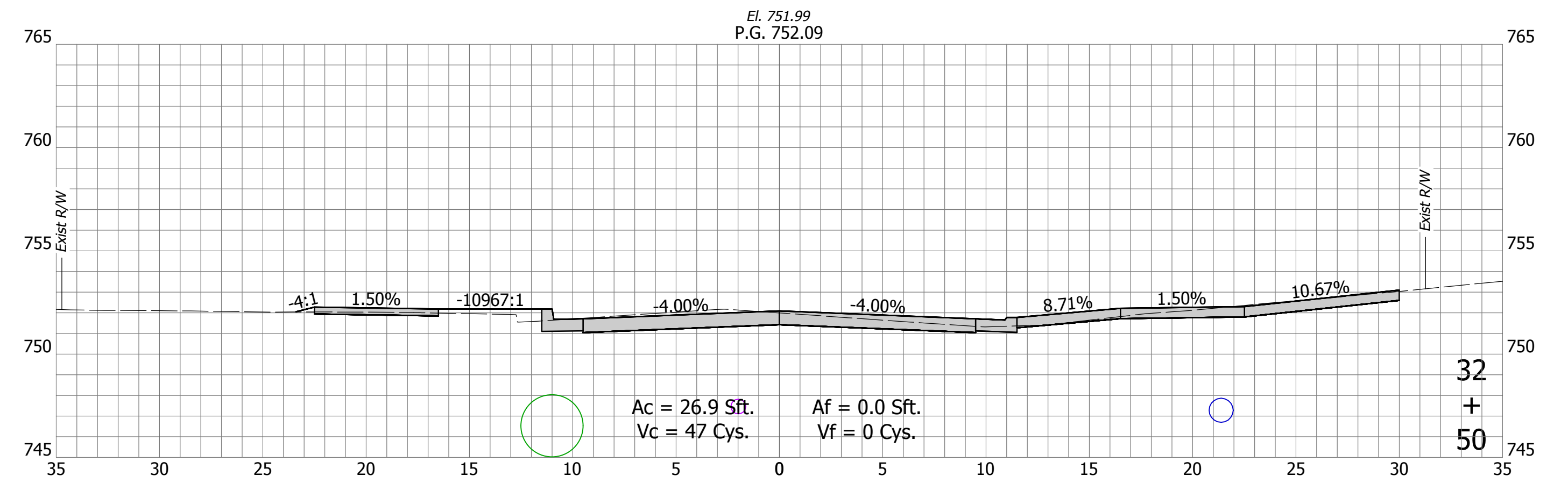
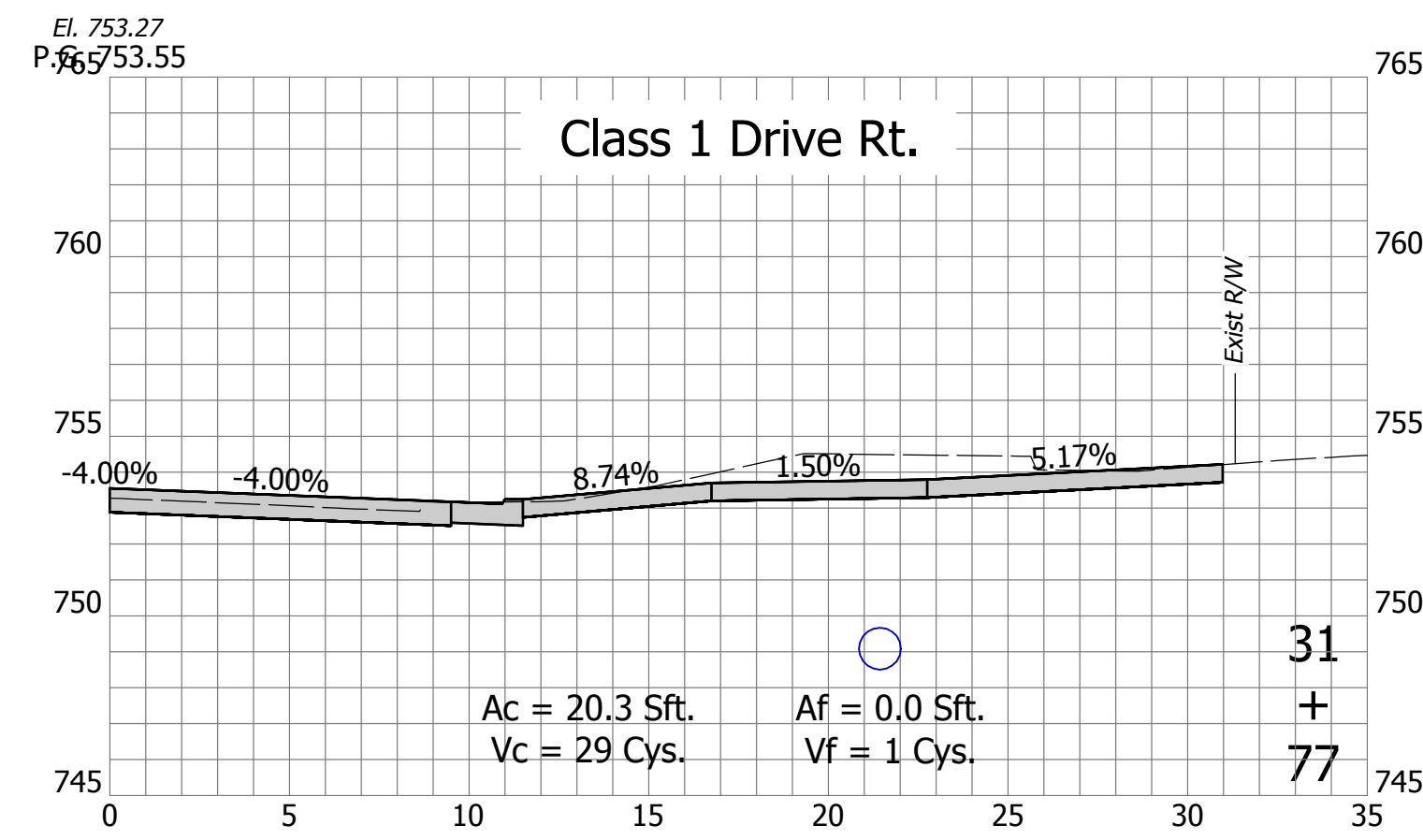
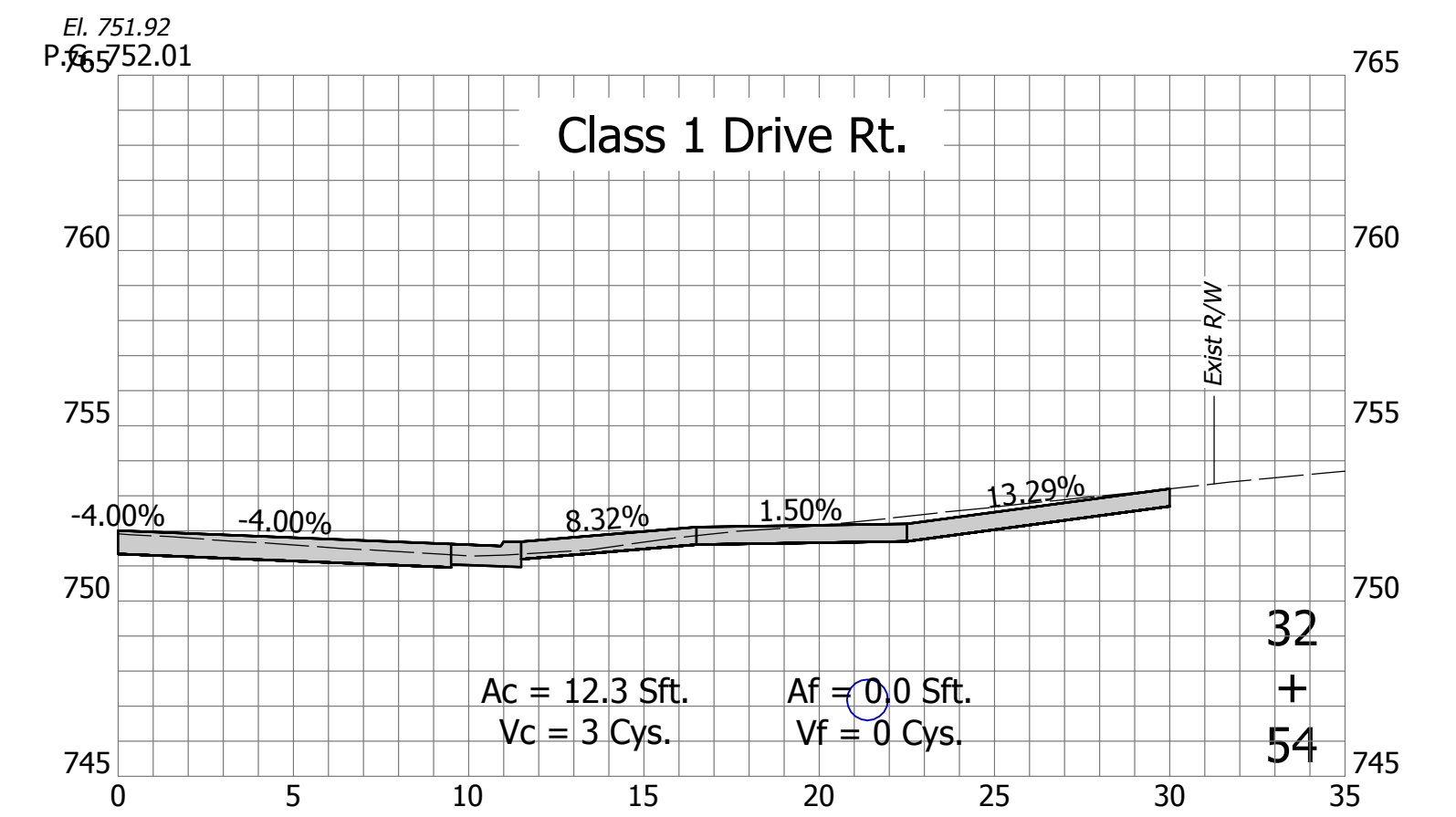
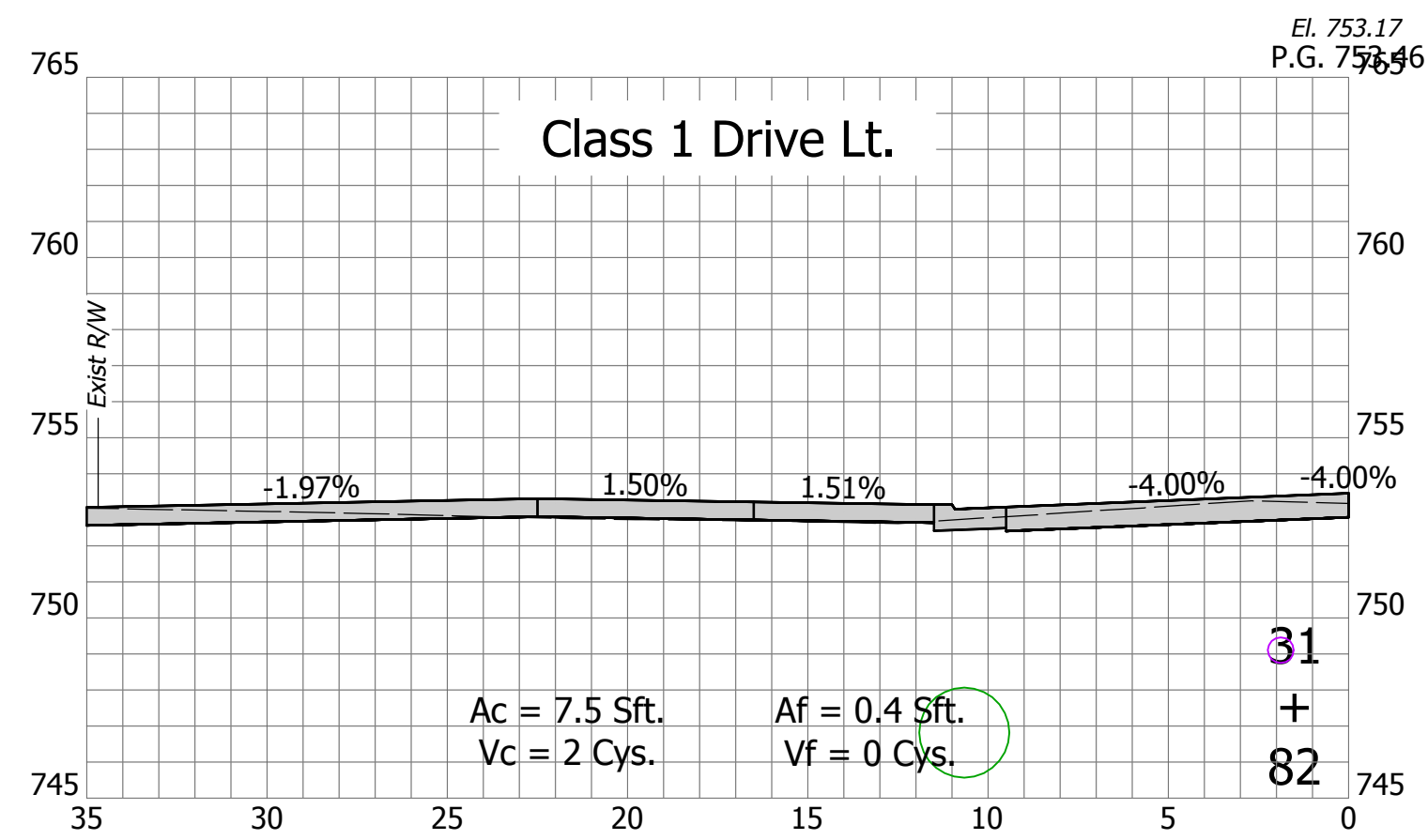
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|--------------------------|---------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | 12/4/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

 Cross Sections
 Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 89 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\1
 FILE: 11 Cross Sections (1st Street).dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1
 PLOTTED BY: SFlaming
 DATE: Sep 15, 2023 - 1:48pm

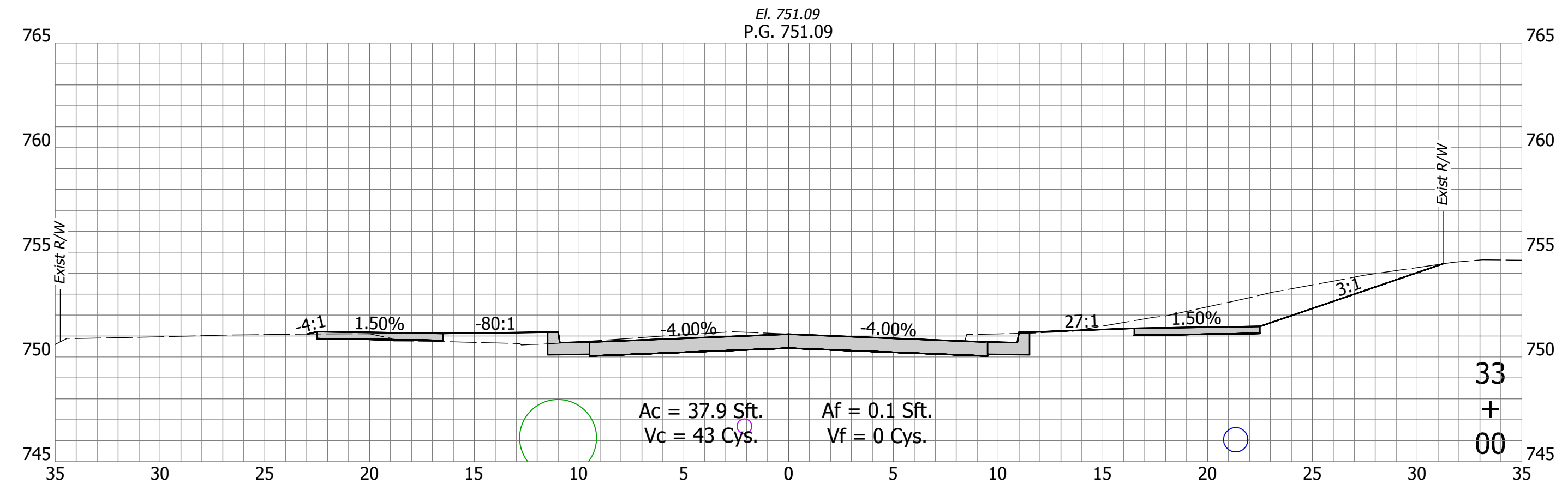
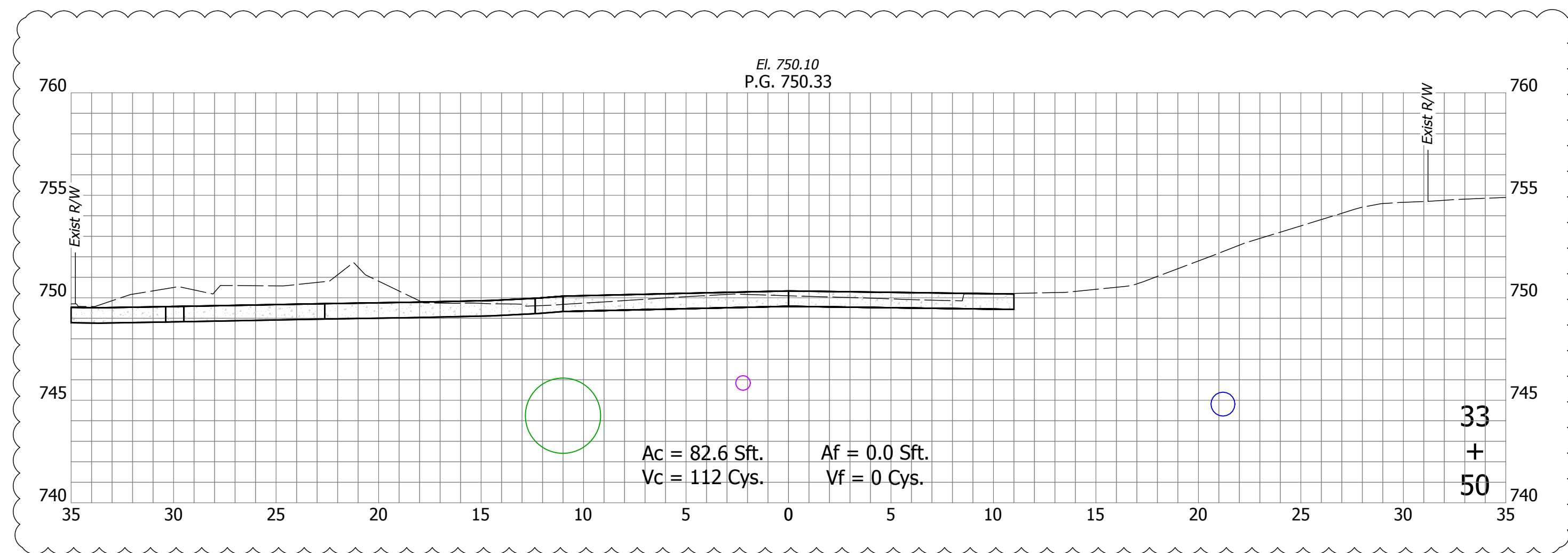
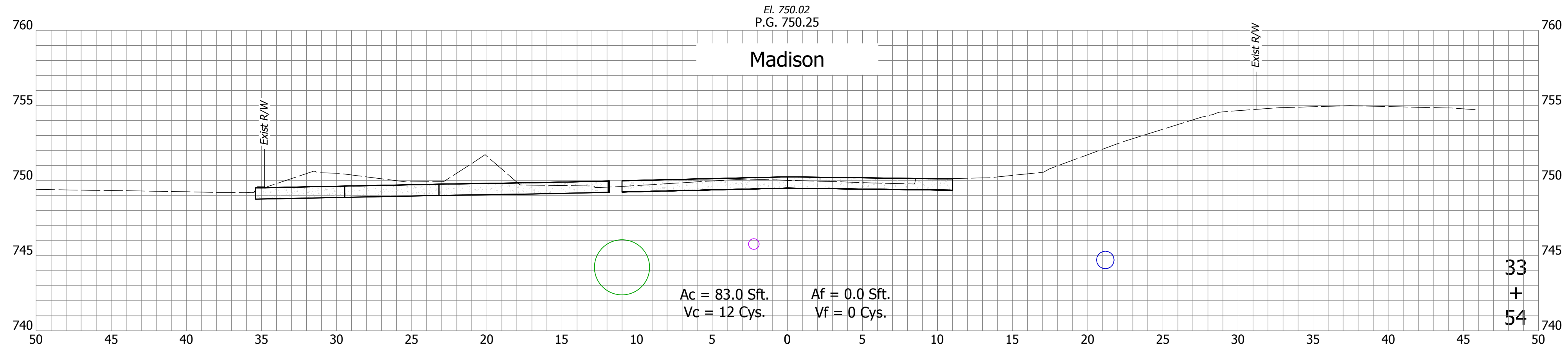


| | | | |
|--------------------------|---------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | 9/15/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION
 Cross Sections
 Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 90 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (1st Street).dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1
 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 4:34pm



| DATE: | REVISIONS |
|------------|----------------------|
| 12/04/2023 | UPDATE CROSS SECTION |

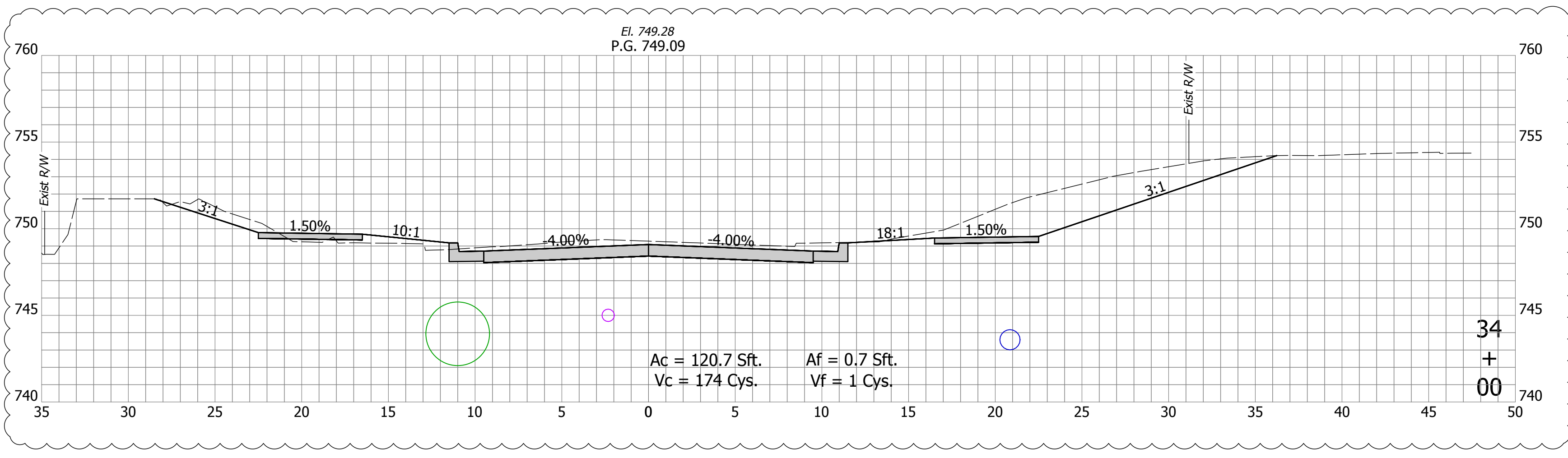
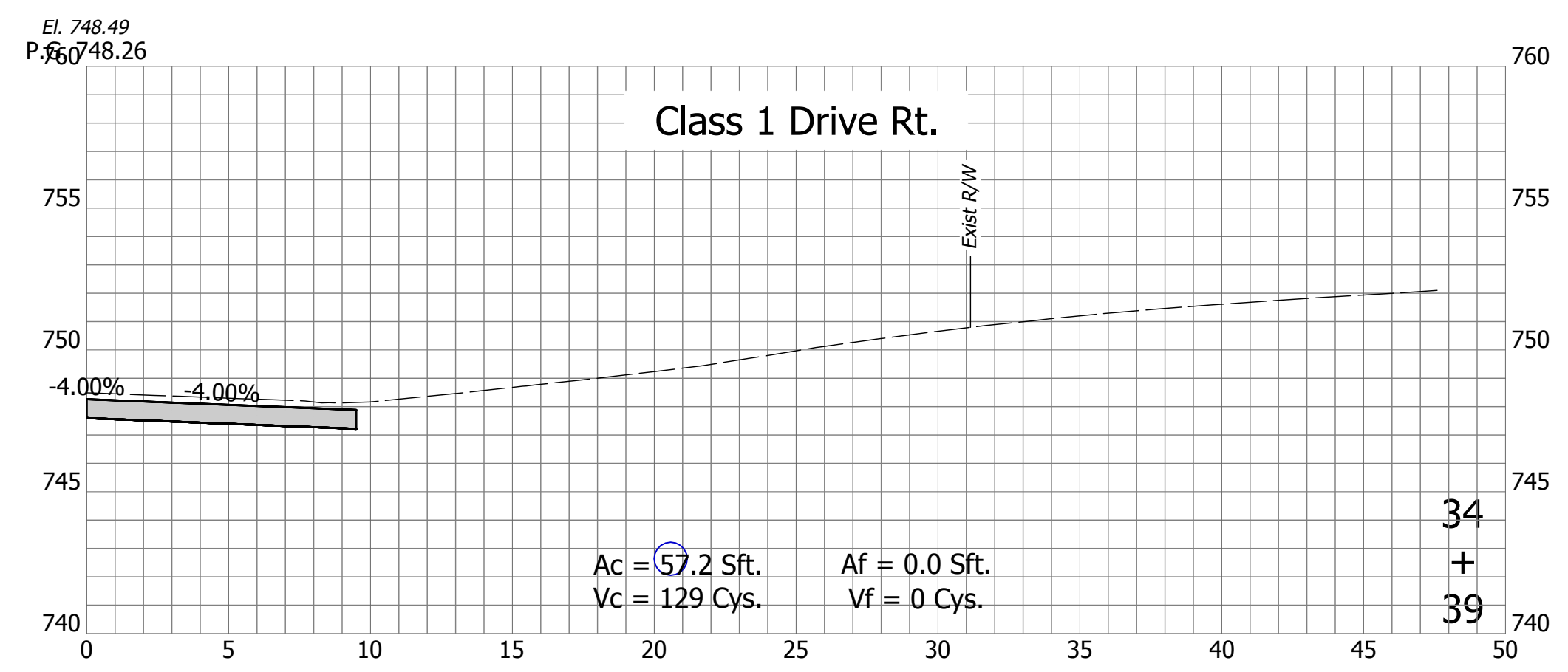
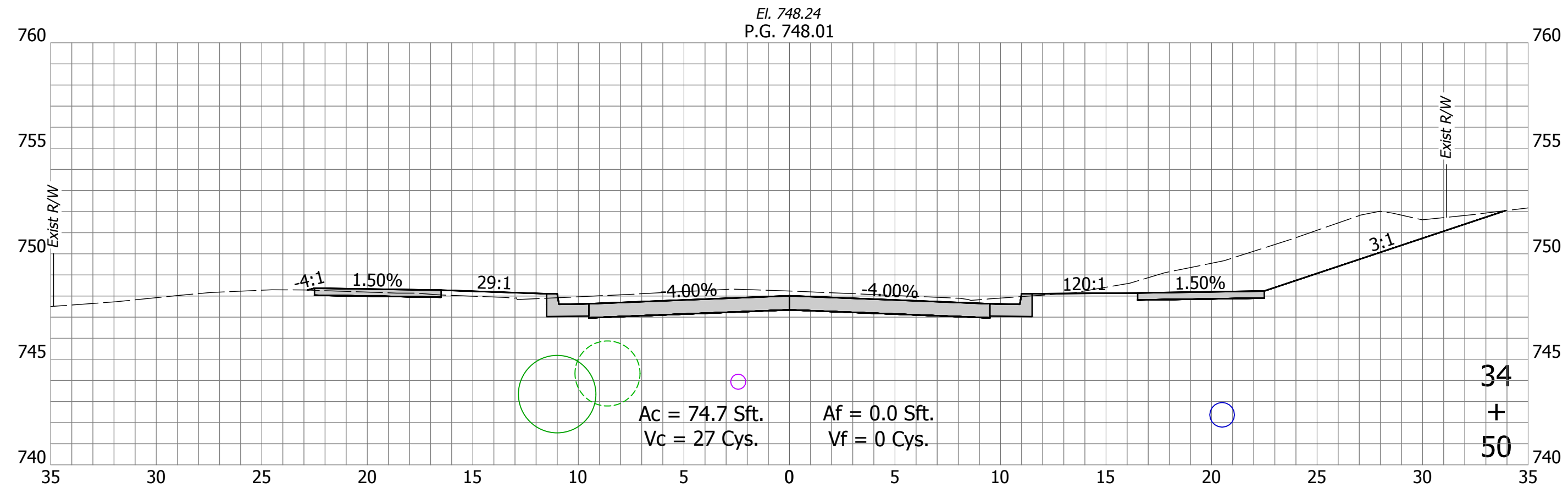
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|--------------------------|---------------------|----------|-----------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | DATE | 12/4/2023 |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 91 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\1
 FILE: 4421 Cross Sections (1st Street).dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1
 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 4:35pm



| DATE: | REVISIONS |
|------------|----------------------|
| 12/04/2023 | UPDATE CROSS SECTION |

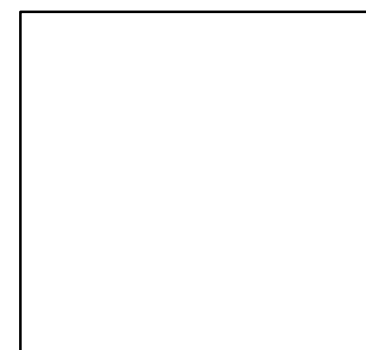
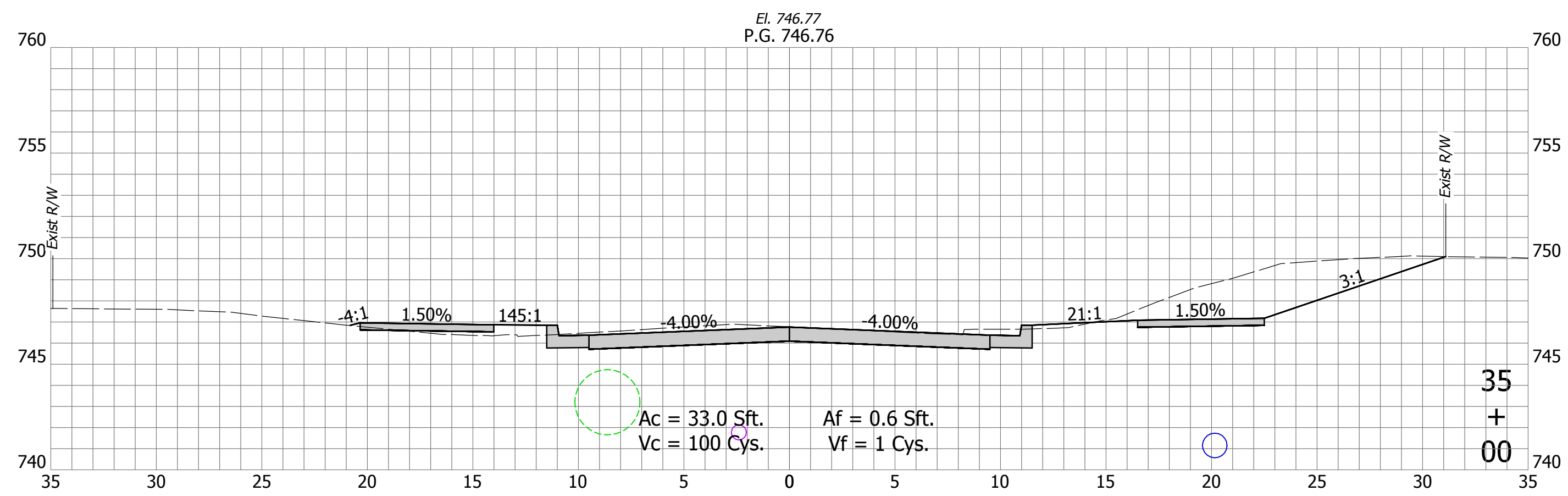
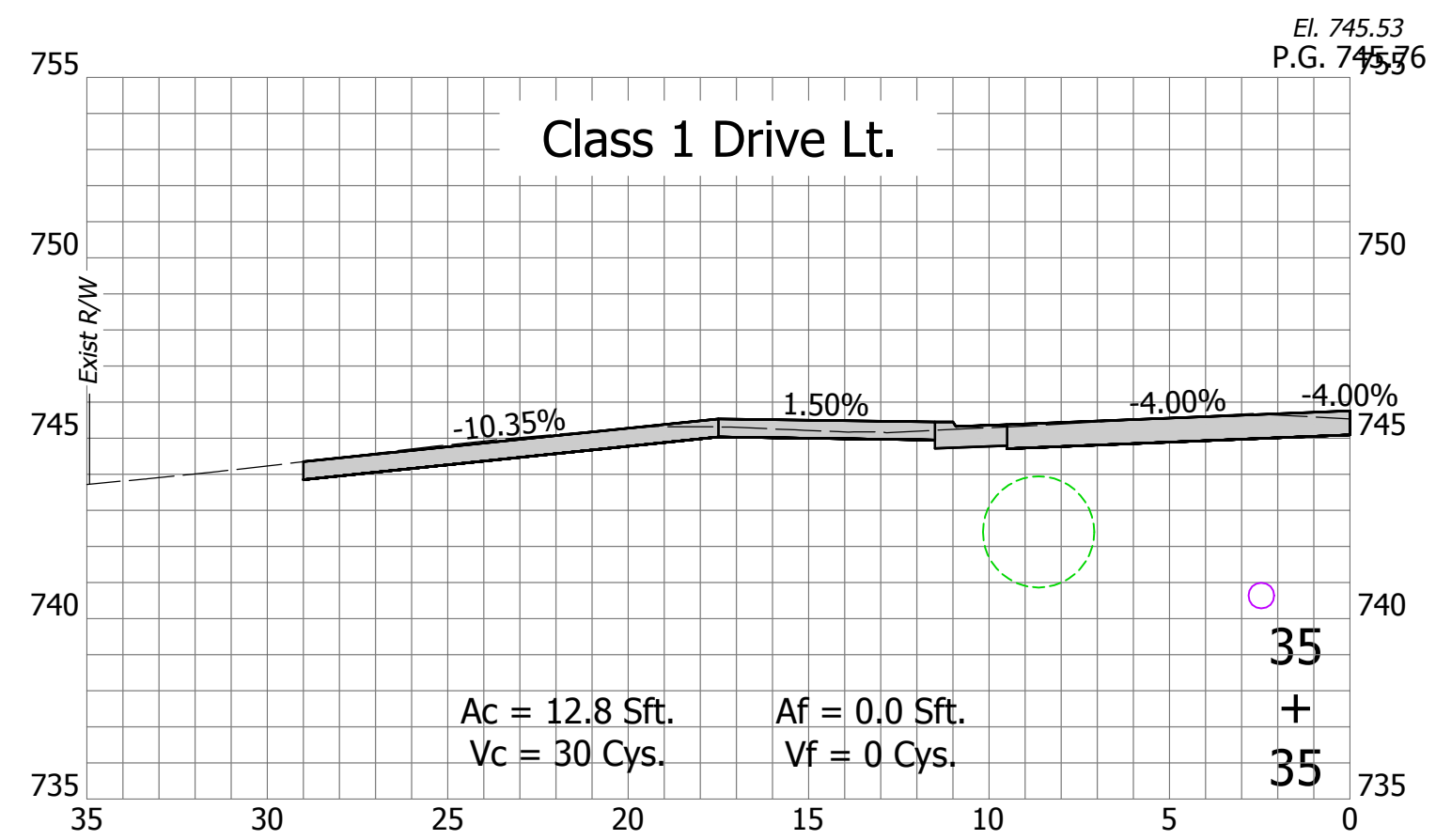
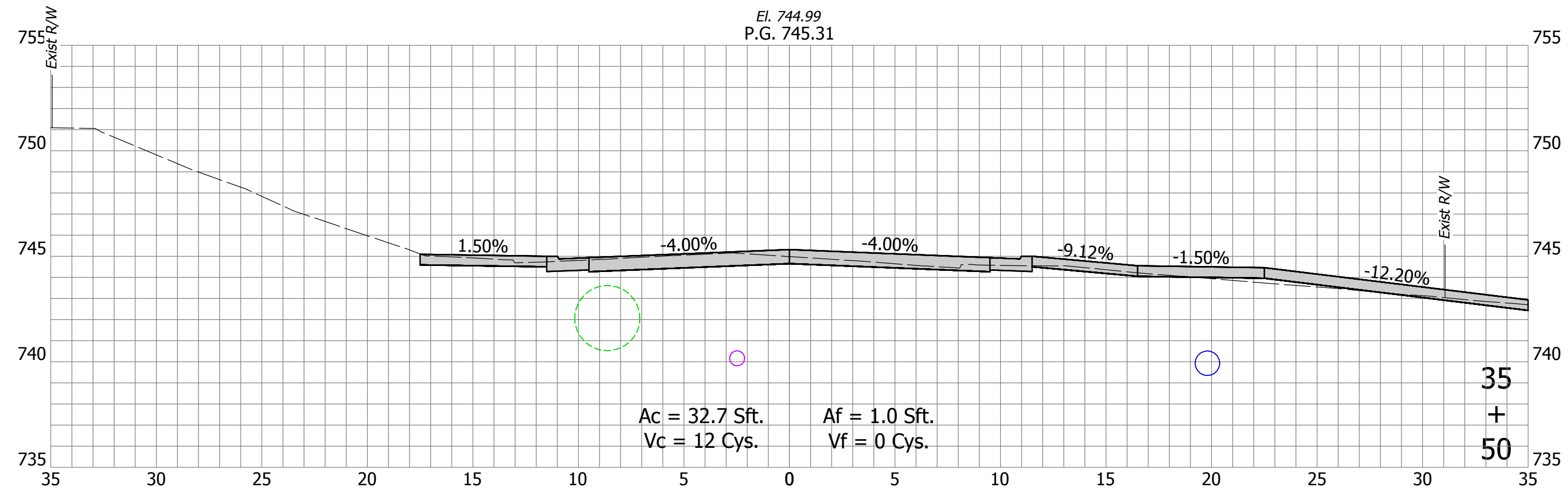
| | |
|--------------------------|--------------|
| RECOMMENDED FOR APPROVAL | 12/4/2023 |
| Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB |
| CHECKED: JTE | CHECKED: JTE |

INDIANA
 DEPARTMENT OF TRANSPORTATION

Cross Sections
 Line "PR-A"

| | |
|-----------------------------|------------------------|
| HORIZONTAL SCALE 1" = 5' | BRIDGE FILE N/A |
| VERTICAL SCALE 1" = 5' | DESIGNATION 1900399 |
| SURVEY BOOK N/A | SHEETS 92 of 102 |
| CONTRACT R-41892 | PROJECT 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (1st Street).dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1
 PLOTTED BY: SFlaming
 DATE: Sep 15, 2023 - 1:50pm



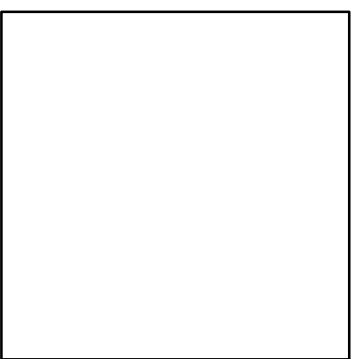
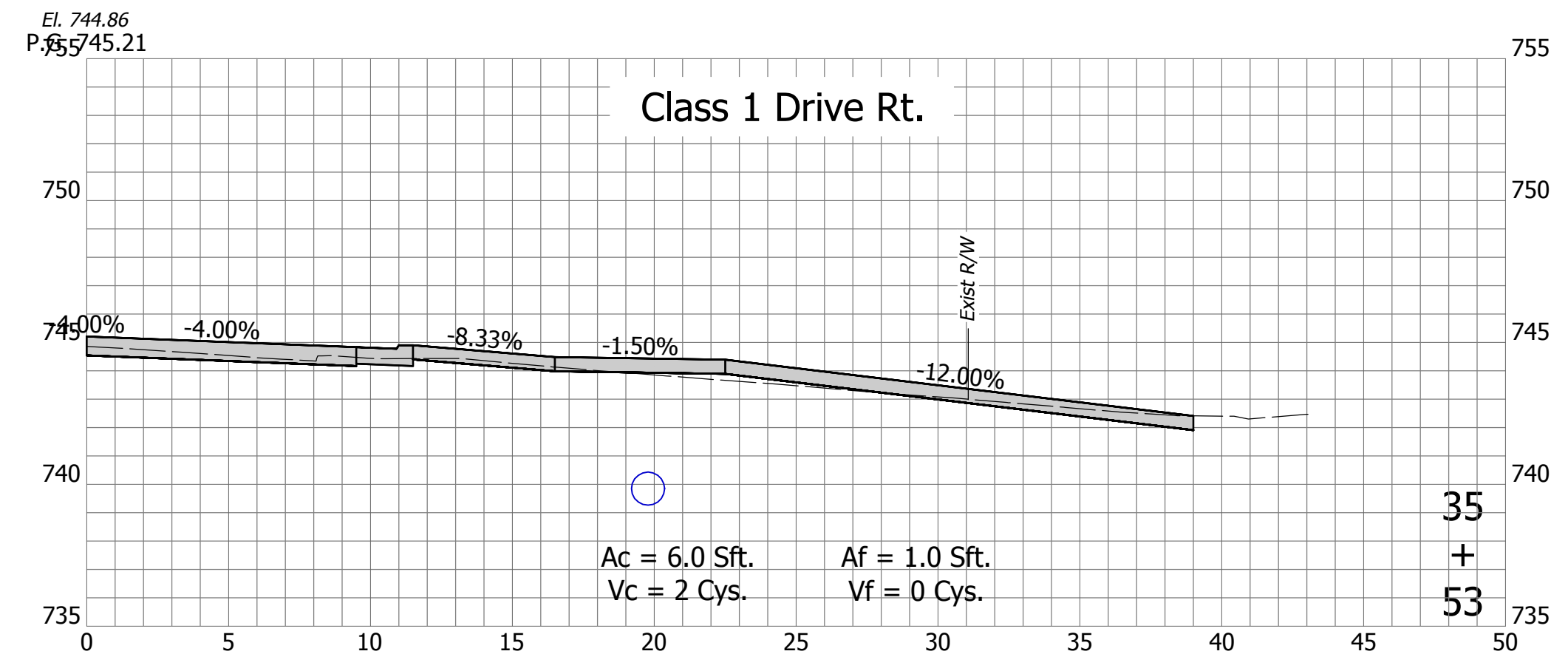
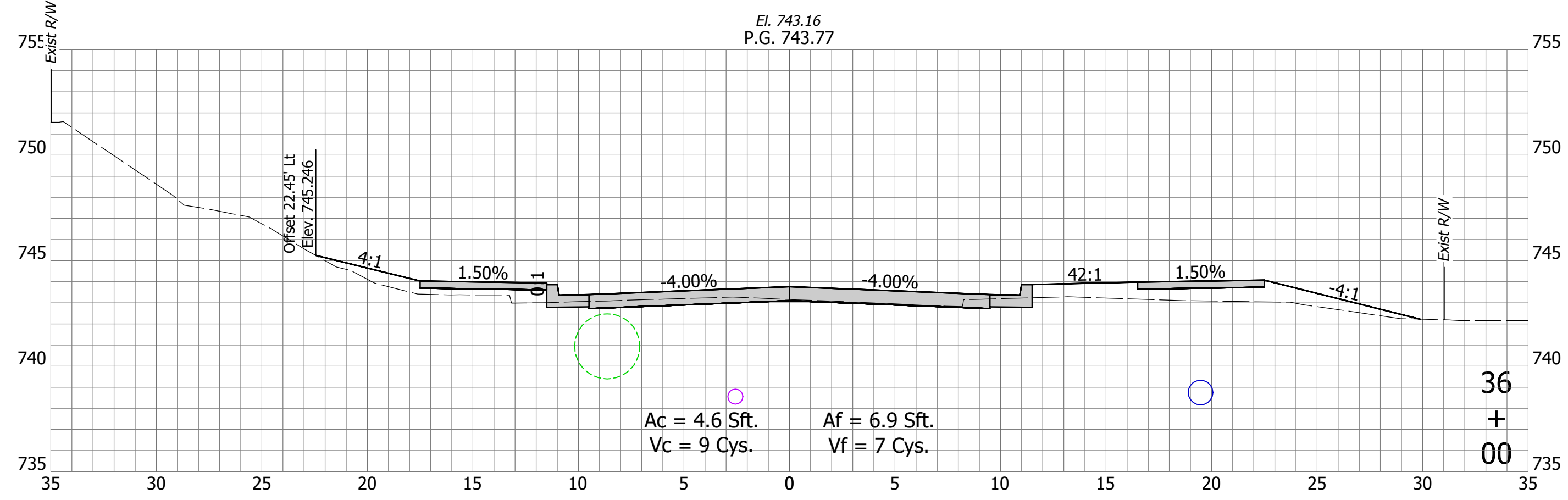
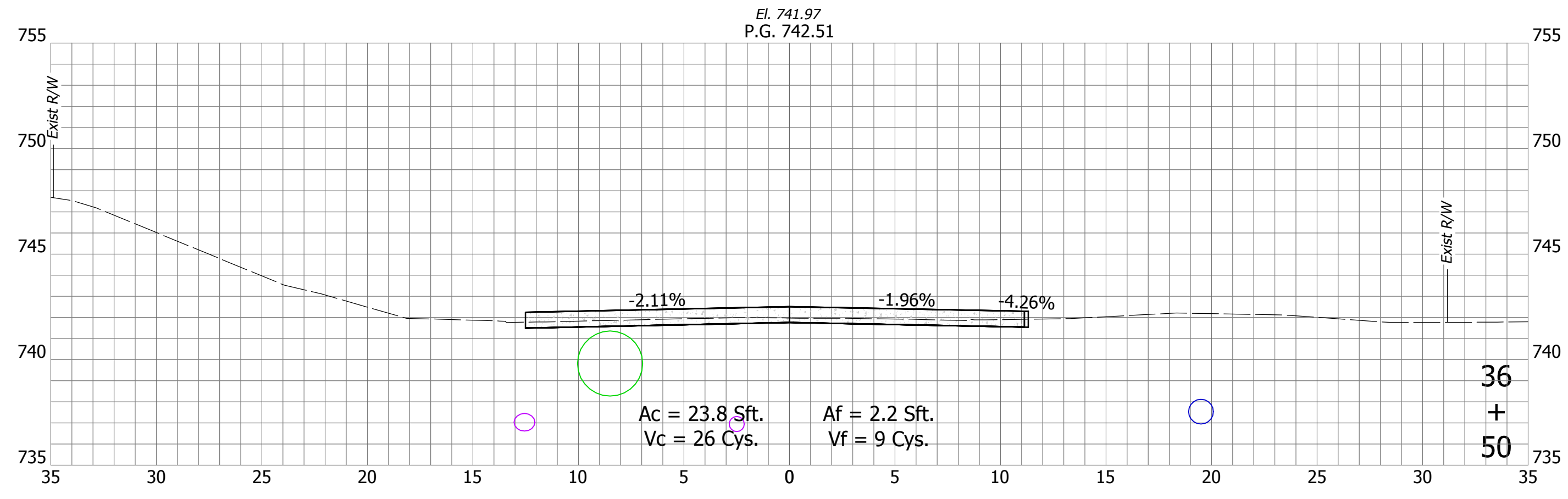
| | | | |
|--------------------------|---------------------|----------|-----------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | DATE | 9/15/2023 |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 93 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE:4421 Cross Sections (1st Street).dwg
 DIMSCALE: 1 LTSCALE:1
 PLOTTED BY: SFlaming
 DATE:Sep 15, 2023 - 1:50pm

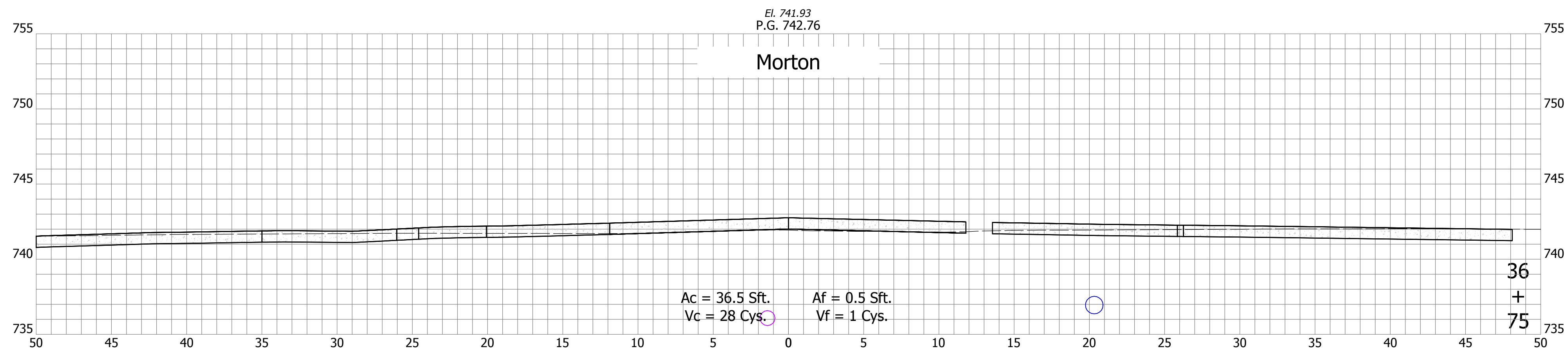
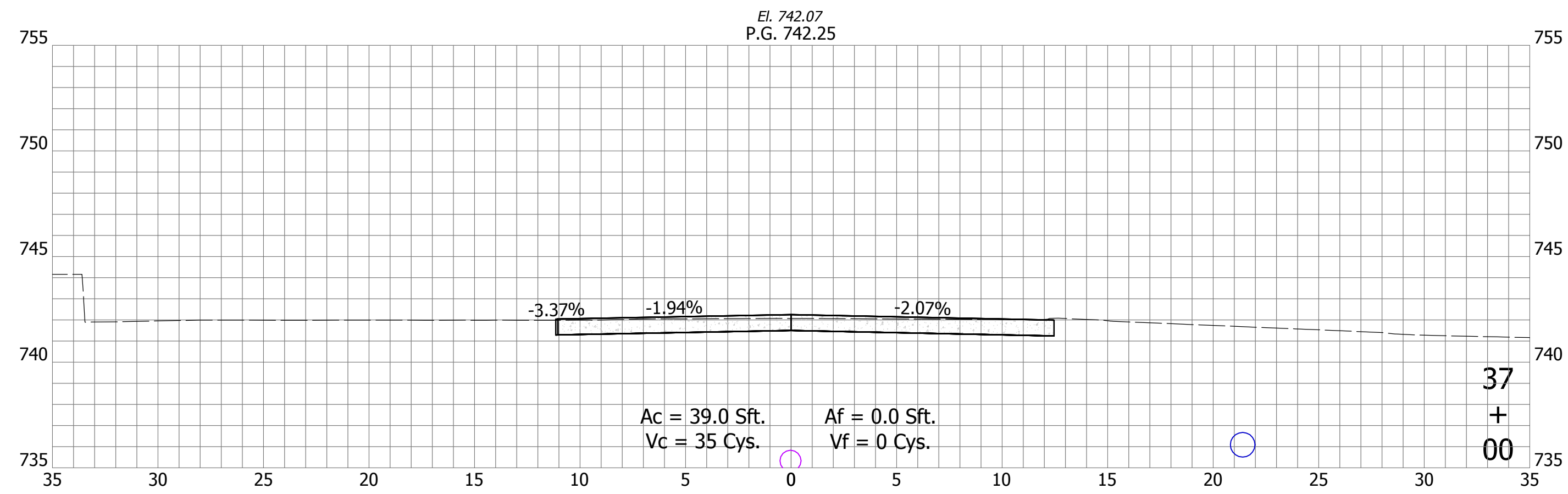
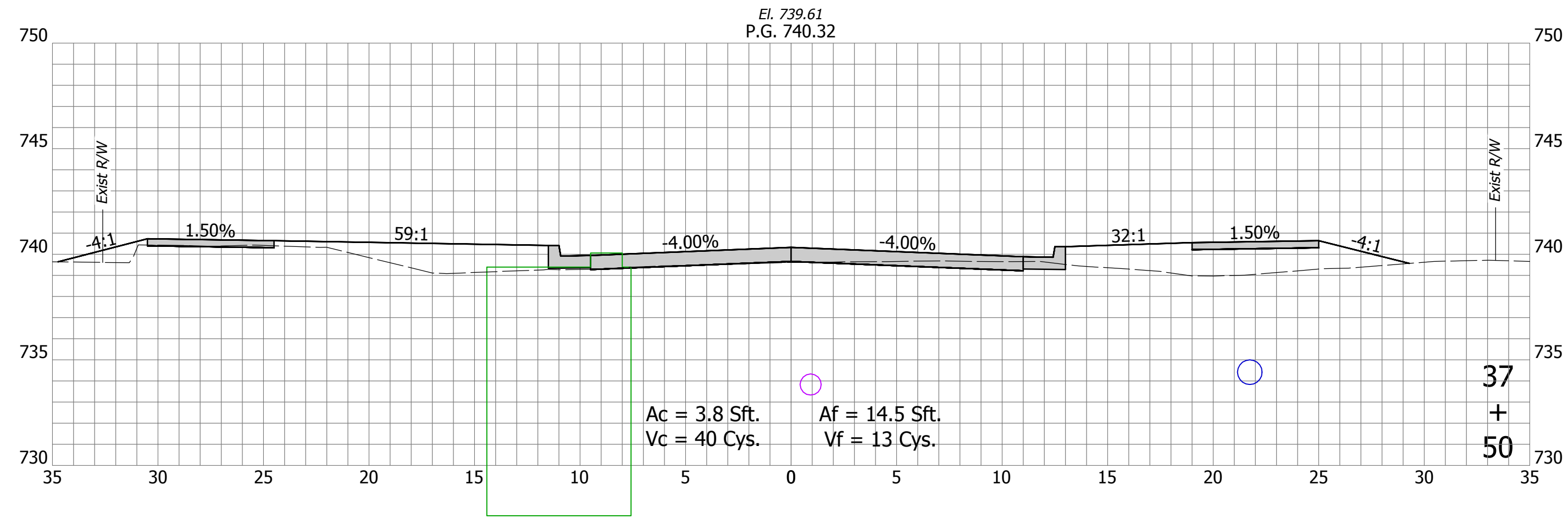


| | | | |
|--------------------------|---------------------|----------|-----------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | DATE | 9/15/2023 |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

 Cross Sections
 Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 94 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (1st Street).dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1
 PLOTTED BY: SFlaming
 DATE: Sep 15, 2023 - 1:51pm

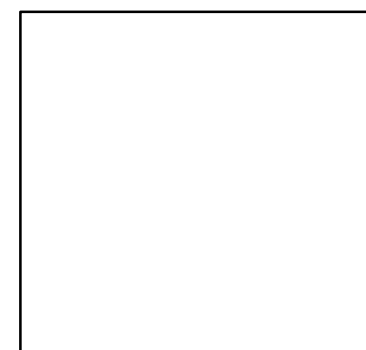
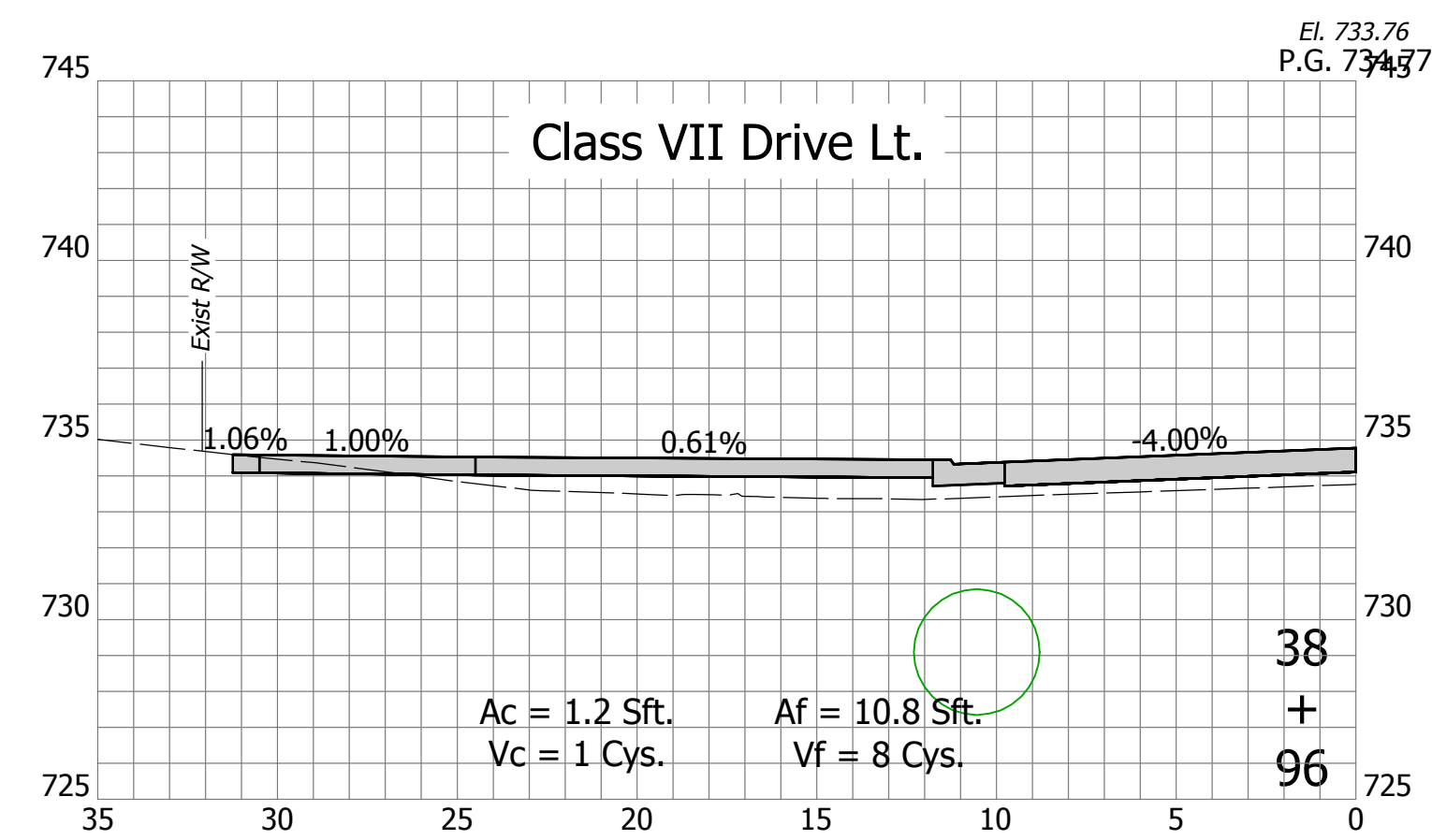
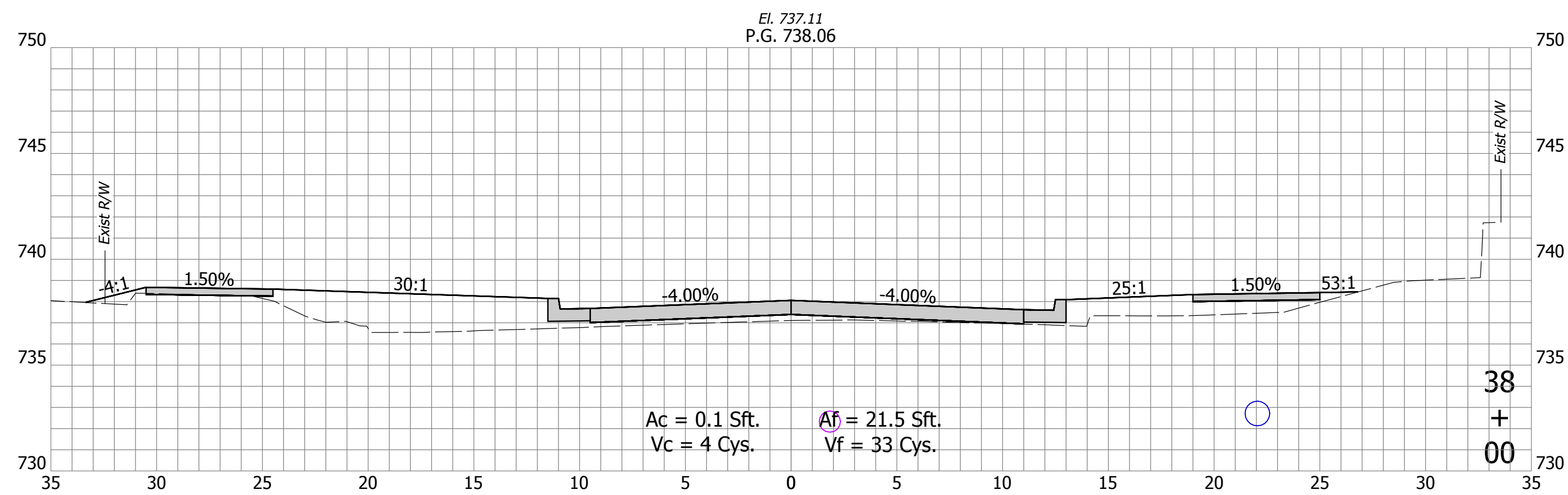
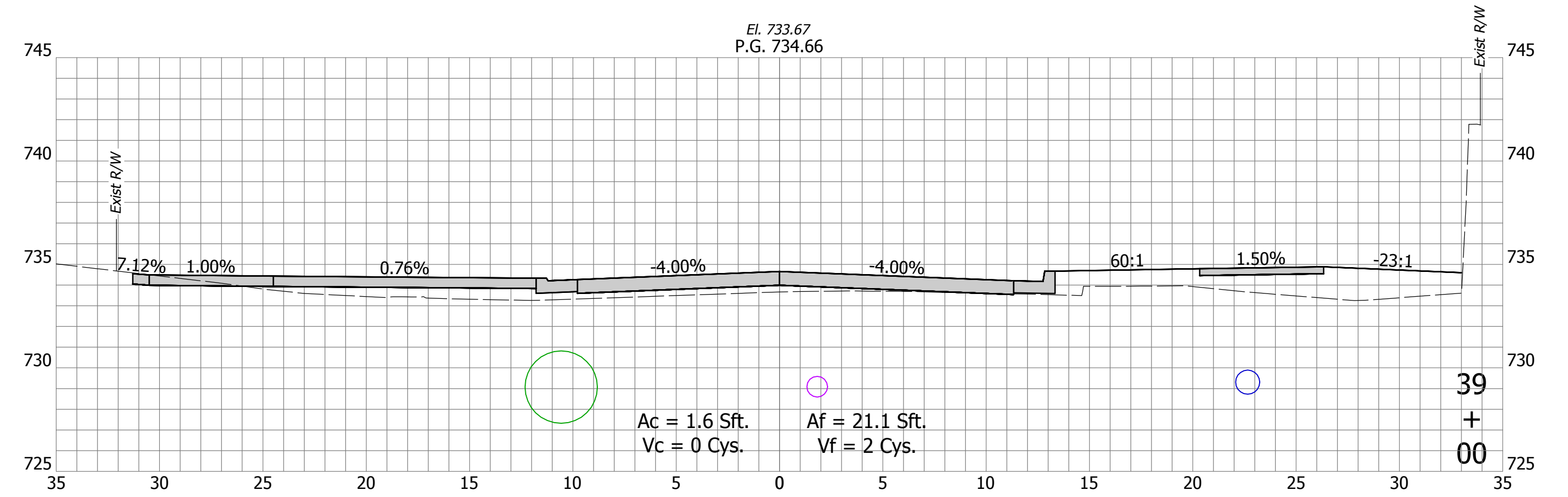
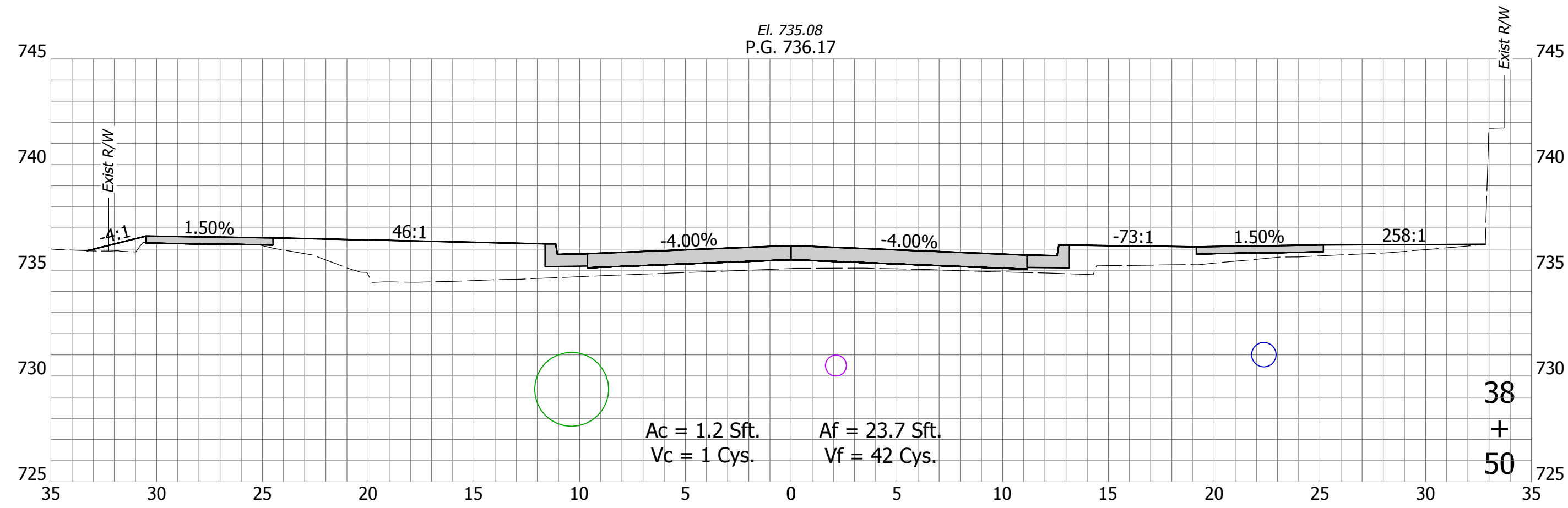
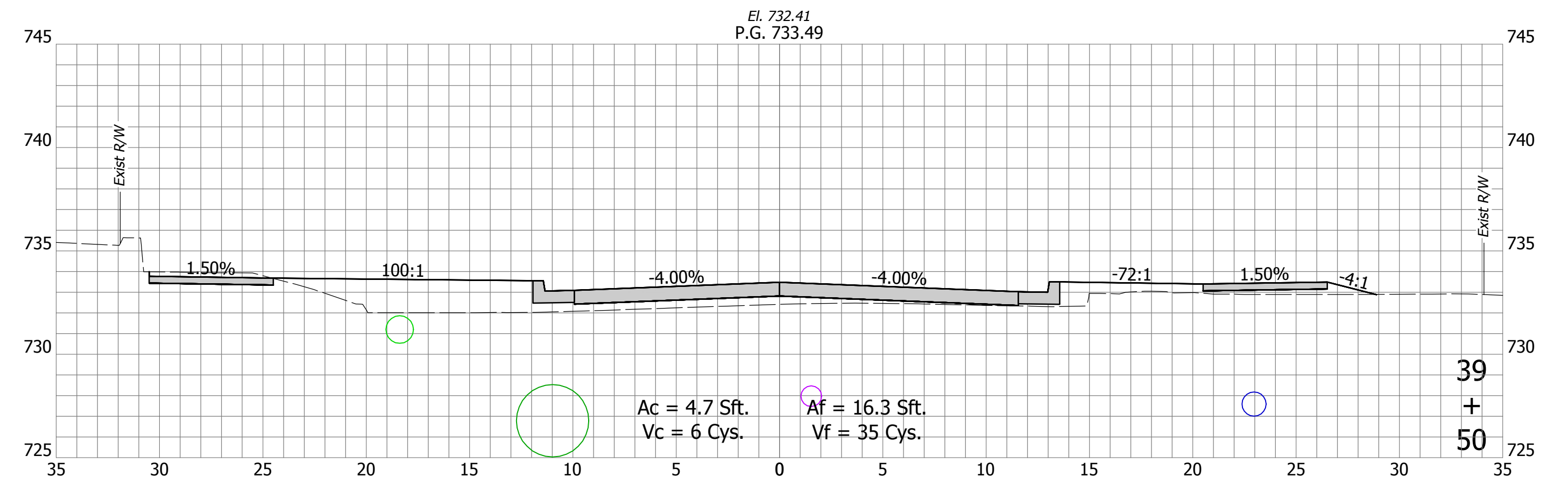
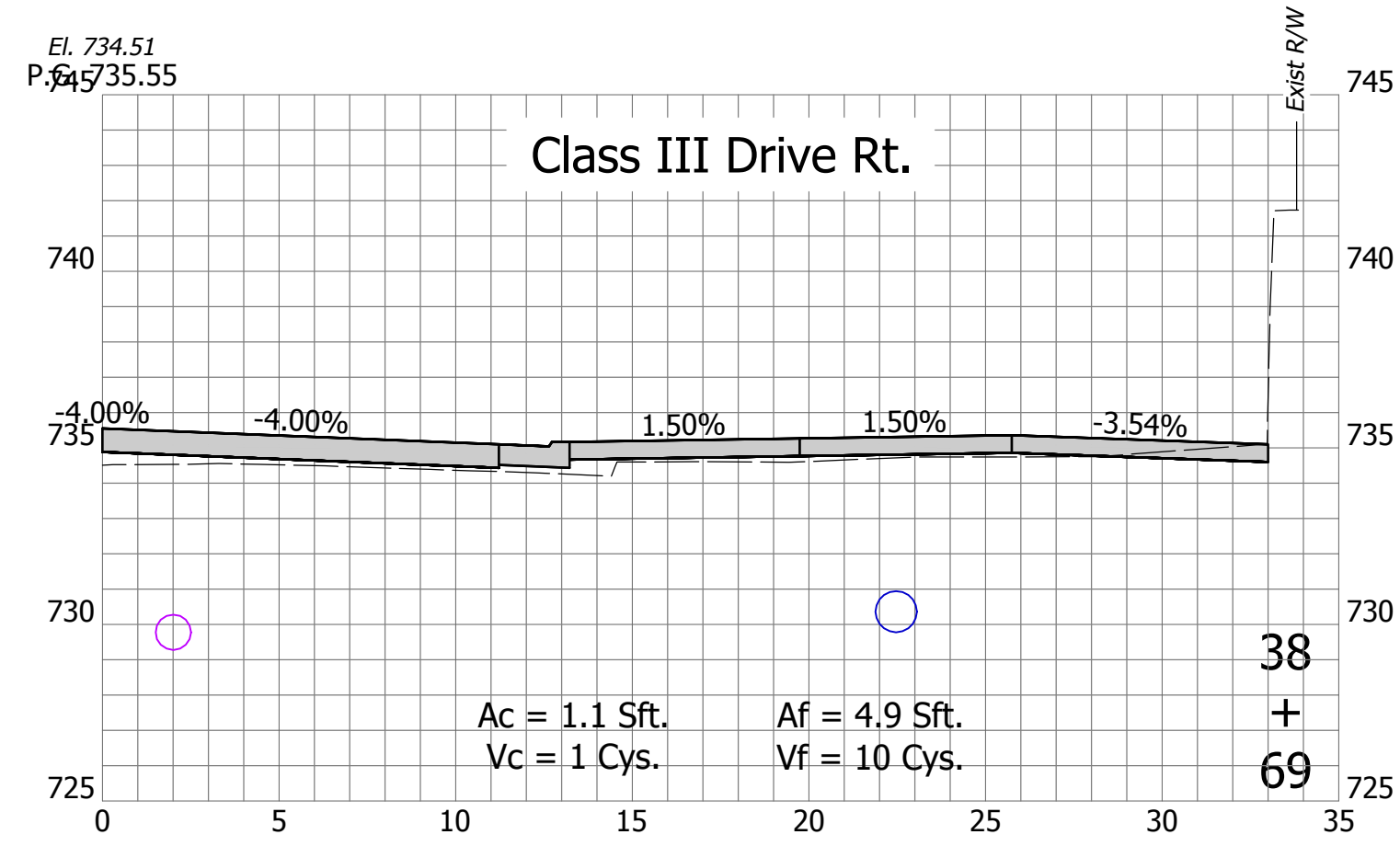
| | | | |
|--------------------------|---------------------|----------|-----------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | DATE | 9/15/2023 |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 95 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

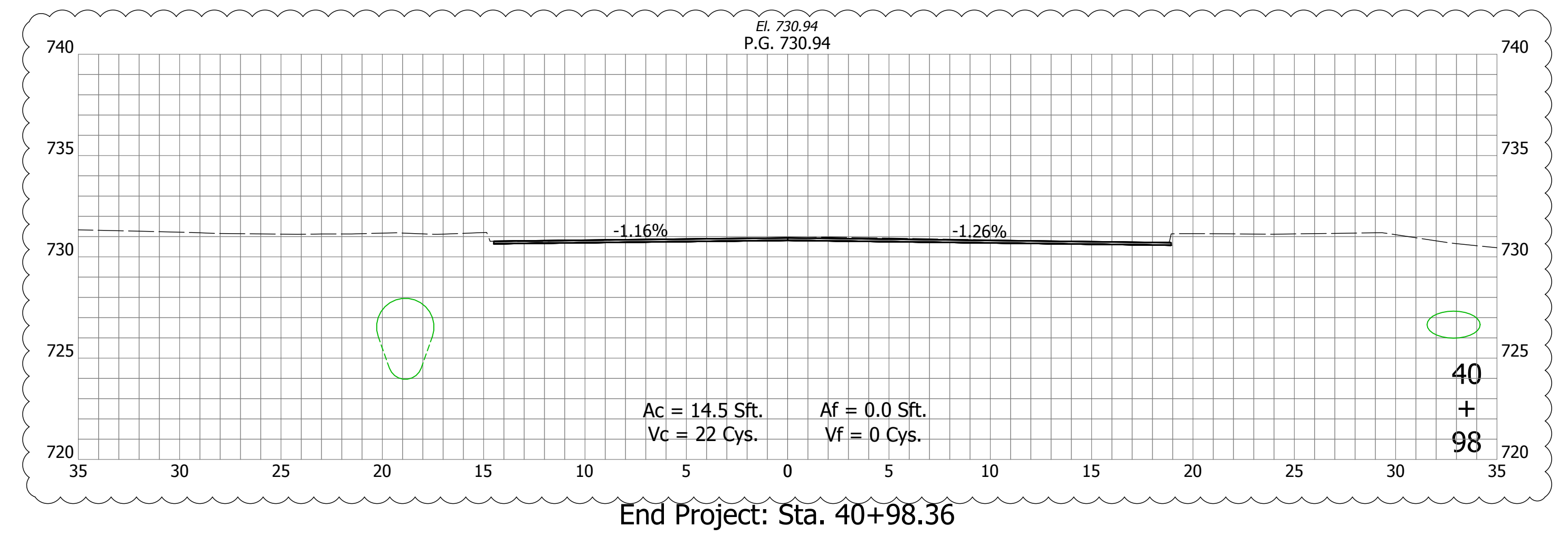
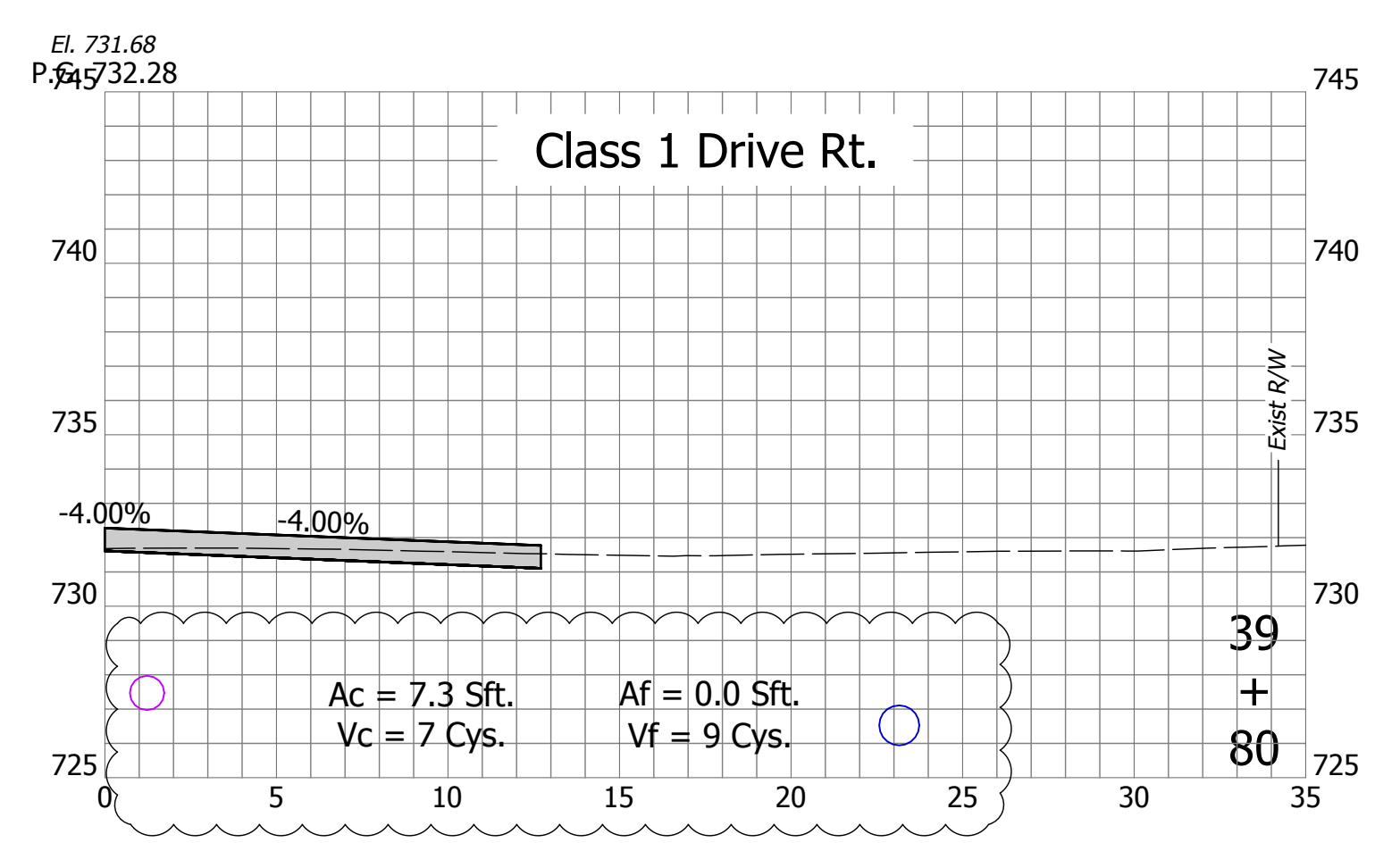
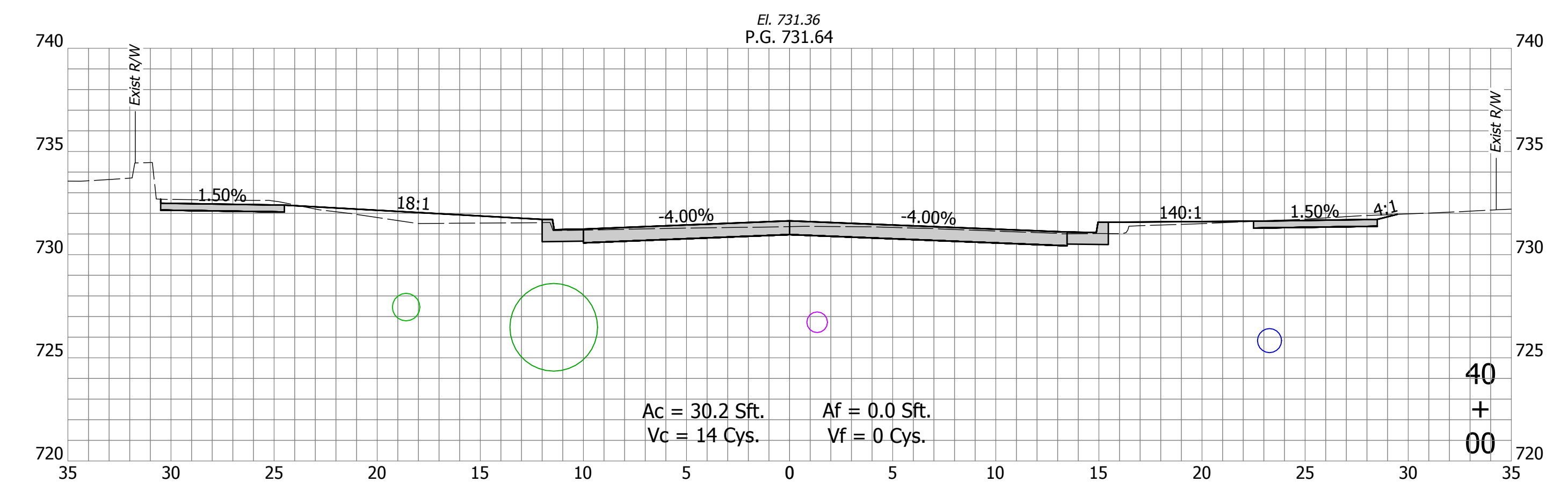
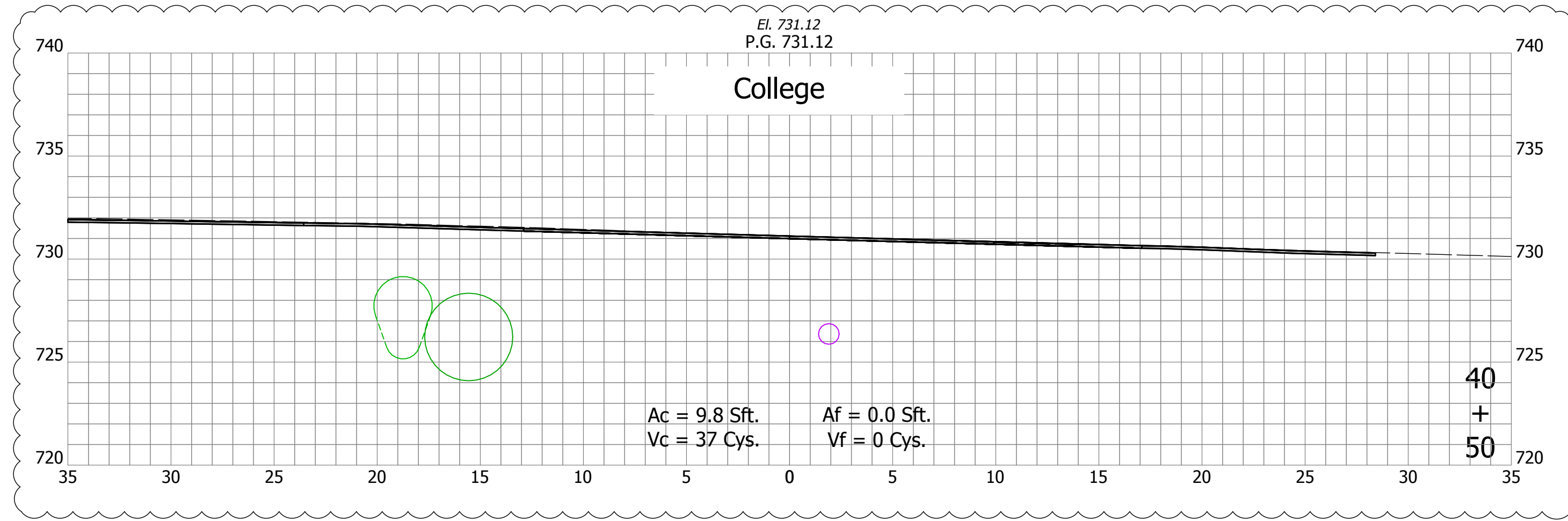
DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (1st Street).dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1
 PLOTTED BY: SFlaming
 DATE: Sep 15, 2023 - 1:51pm



| | | | |
|--------------------------|---------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | 9/15/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA DEPARTMENT OF TRANSPORTATION
Cross Sections
Line "PR-A"

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 96 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |



DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (1st Street).dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1
 PLOTTED BY: Abuzza
 DATE: Dec 04, 2023 - 4:36pm

| DATE: | REVISIONS |
|------------|--|
| 12/04/2023 | UPDATE CROSS SECTIONS AND TABLE LOCATION |

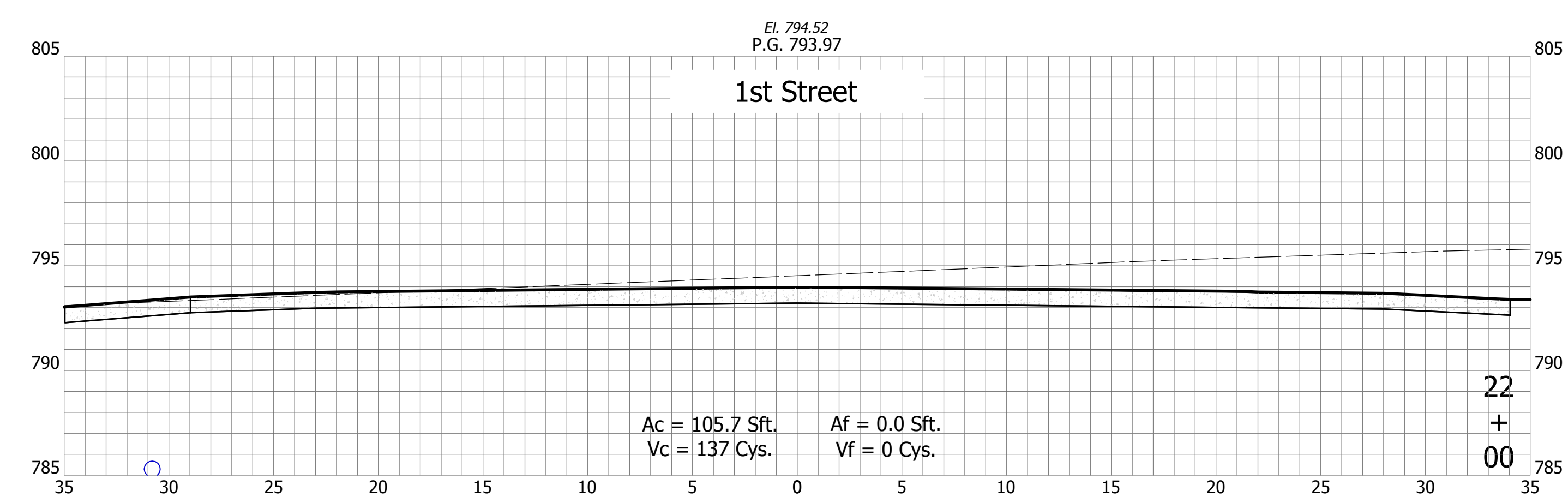
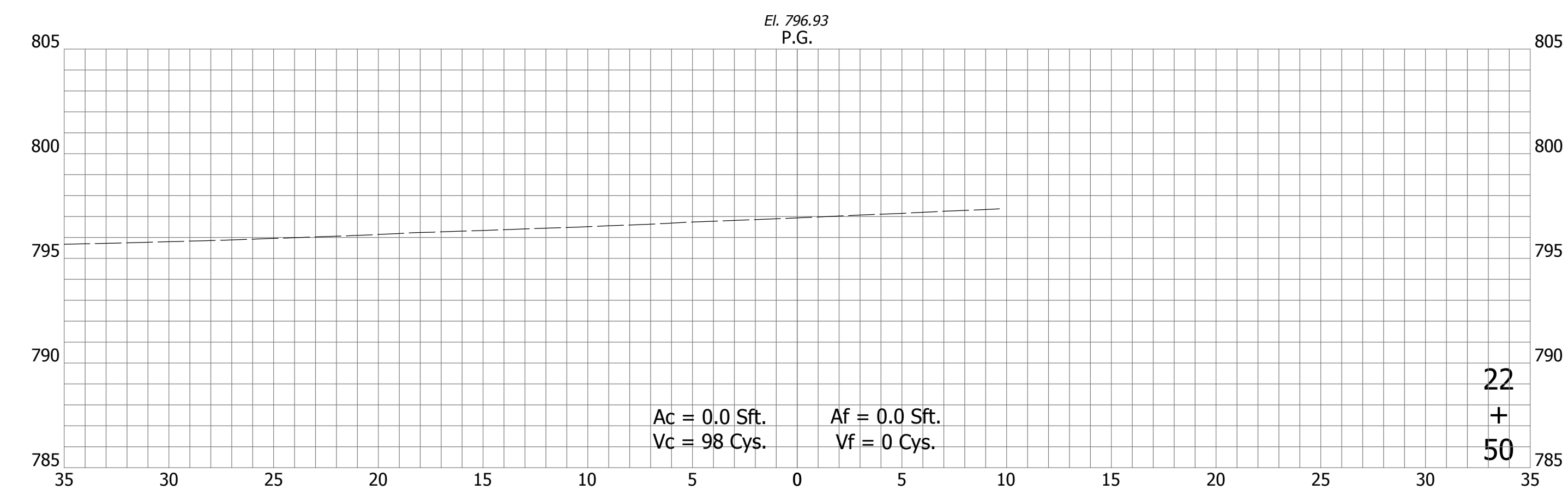
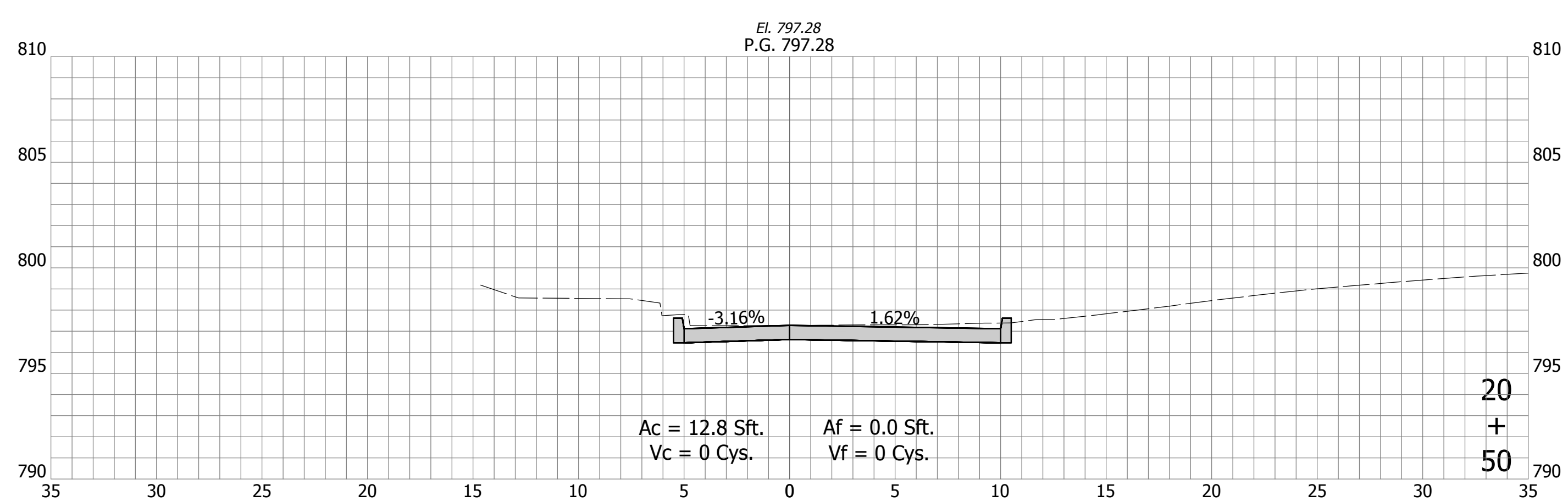
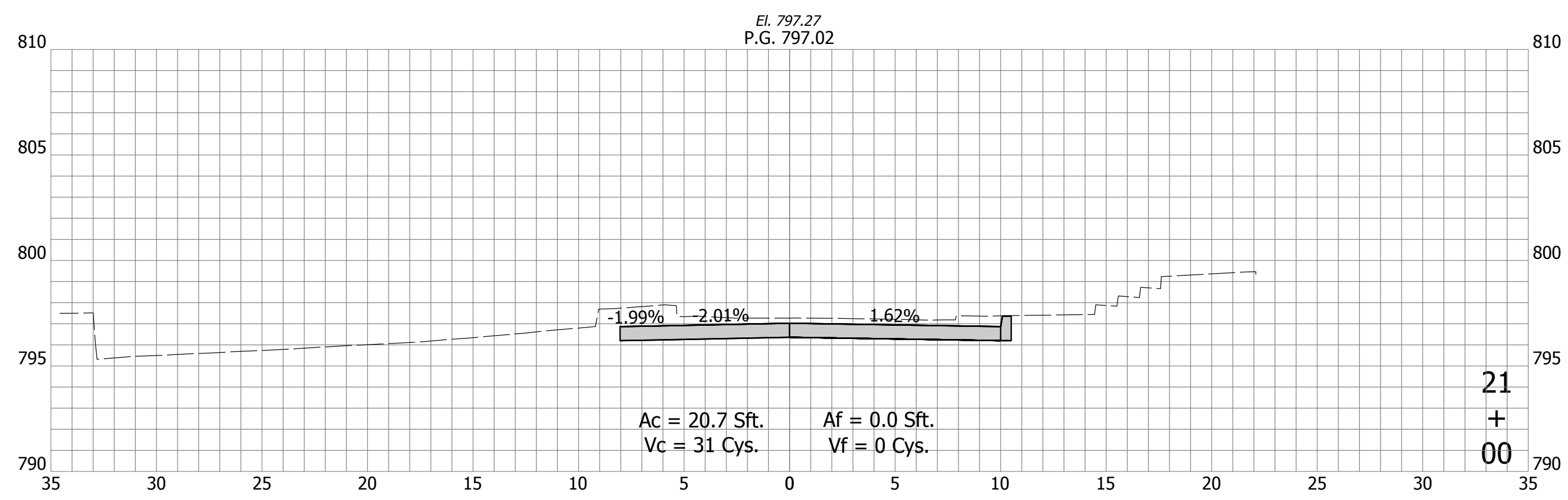
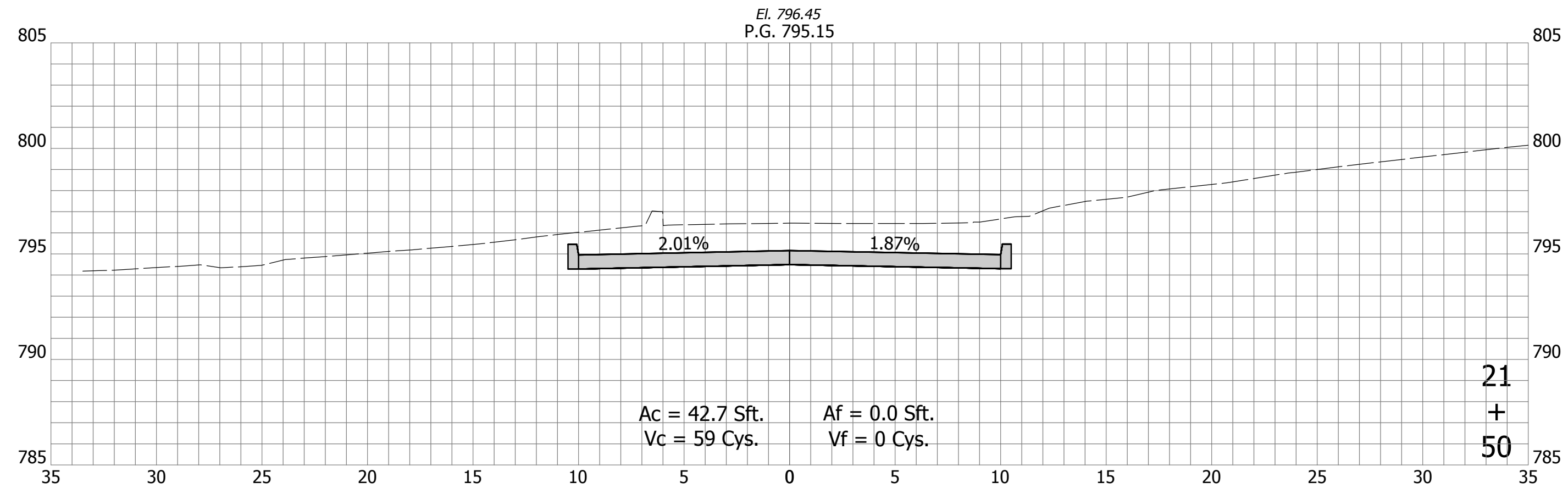
| | |
|--------------------------|--------------|
| RECOMMENDED FOR APPROVAL | 12/4/2023 |
| Christopher Waldner | DATE |
| DESIGNED: RJB | DRAWN: RJB |
| CHECKED: JTE | CHECKED: JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION

Cross Sections
Line "PR-A"

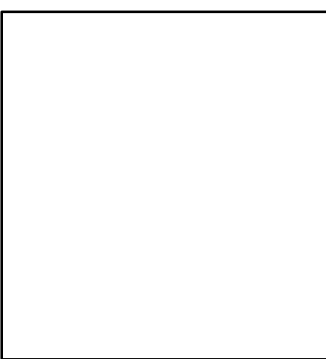
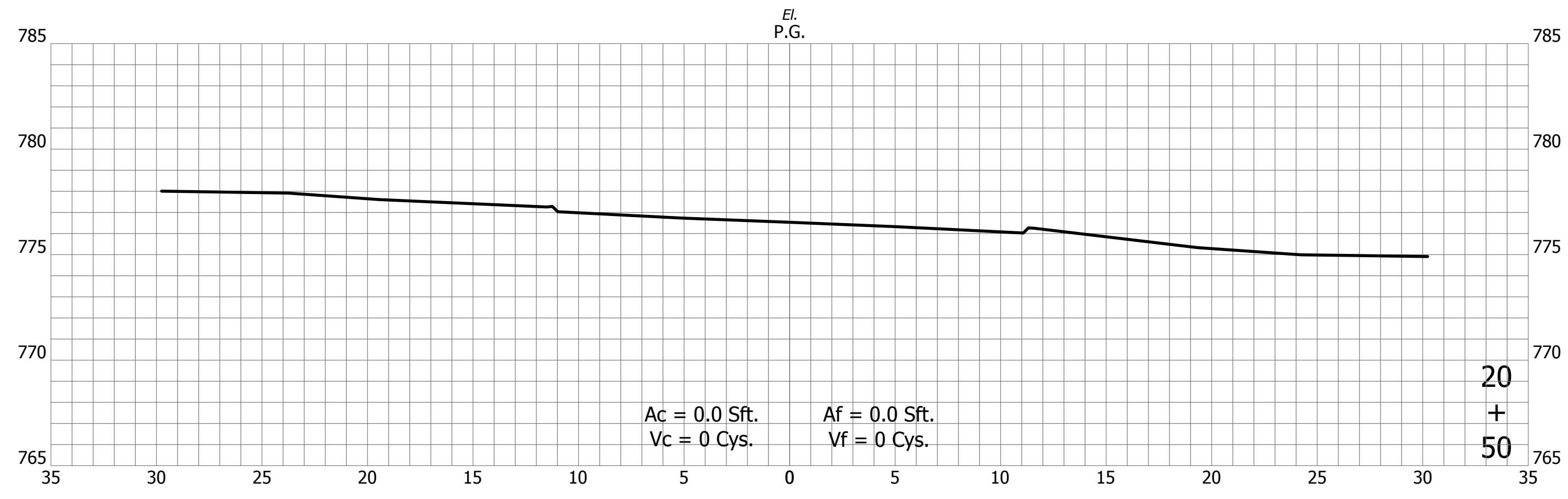
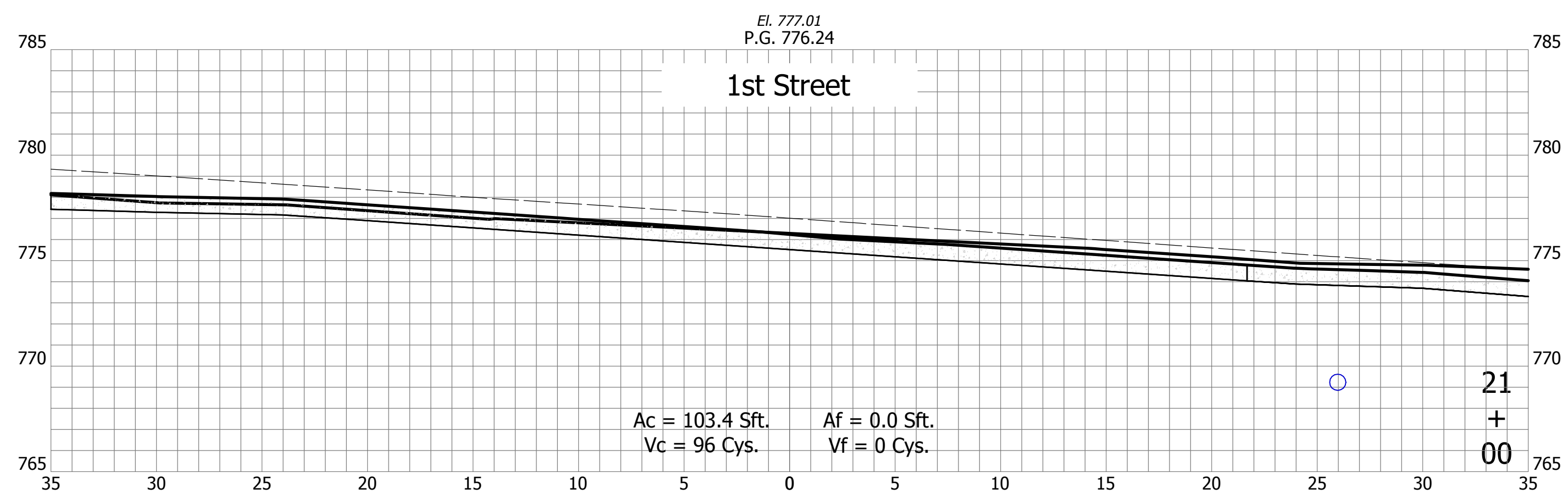
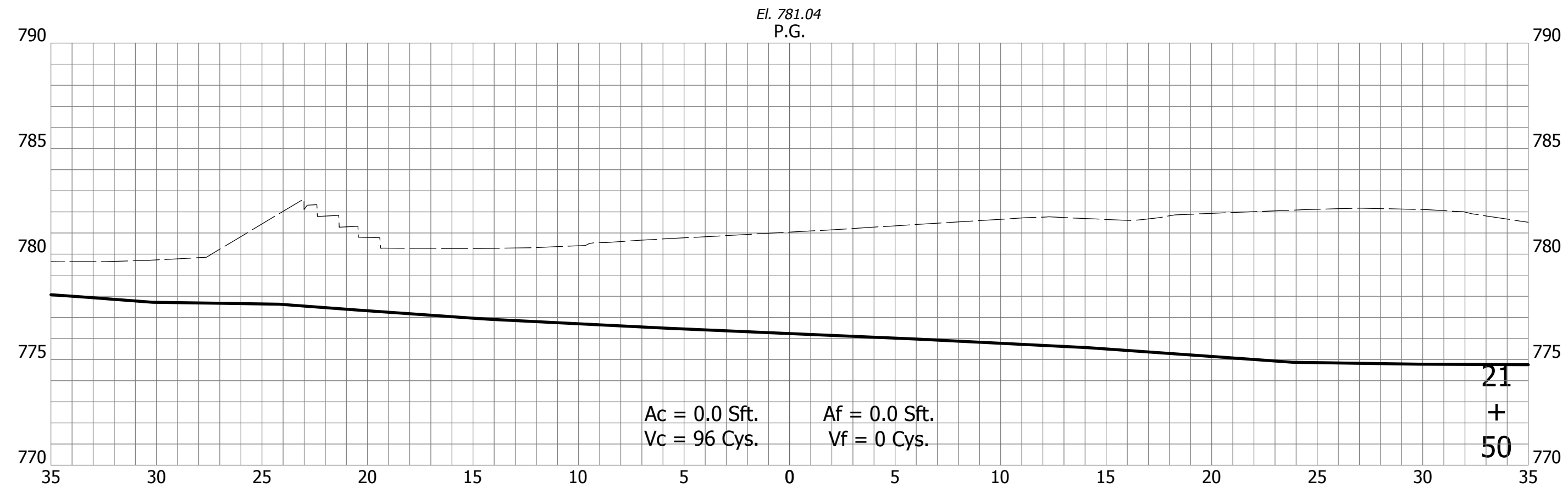
| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 97 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (Side Streets).dwg
 DIMSCALE: 1/4" = 1' LTSCALE: 1
 PLOTTED BY: SFlaming
 DATE: Sep 15, 2023 - 2:00pm



| | | | | | | | |
|--------------------------|---------------------|--|-----------|-------------|--|------------------|-------------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | | 9/15/2023 | | INDIANA DEPARTMENT OF TRANSPORTATION | HORIZONTAL SCALE | BRIDGE FILE |
| | DATE | | DATE | | | 1" = 5' | N/A |
| DESIGNED: RJB | DRAWN: RJB | | | | Cross Sections Line "S-2-A" - Fairview St | VERTICAL SCALE | DESIGNATION |
| CHECKED: JTE | CHECKED: JTE | | | | | 1" = 5' | 1900399 |
| | | | | SURVEY BOOK | | SHEETS | |
| | | | | N/A | | 98 of 102 | |
| | | | | CONTRACT | | PROJECT | |
| | | | | R-41892 | | 1900399 | |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE:4421 Cross Sections (Side Streets).dwg
 DIMSCALE: 1 LTSCALE:1
 PLOTTED BY: SFlaming
 DATE:Sep 15, 2023 - 4:38pm



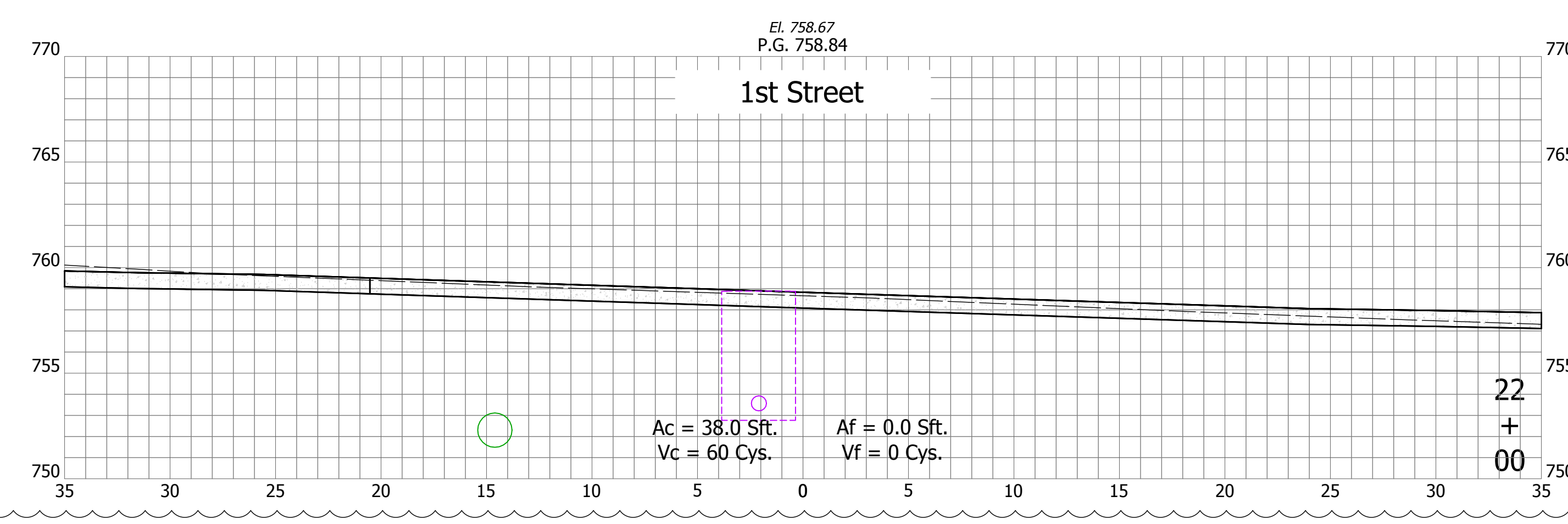
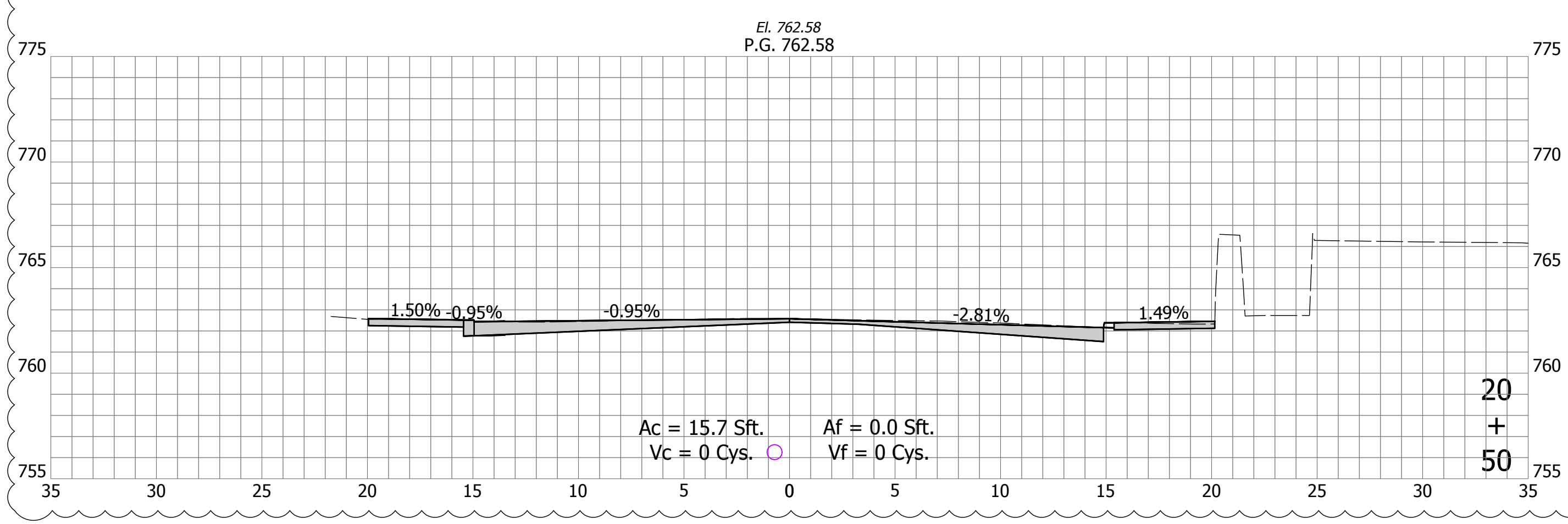
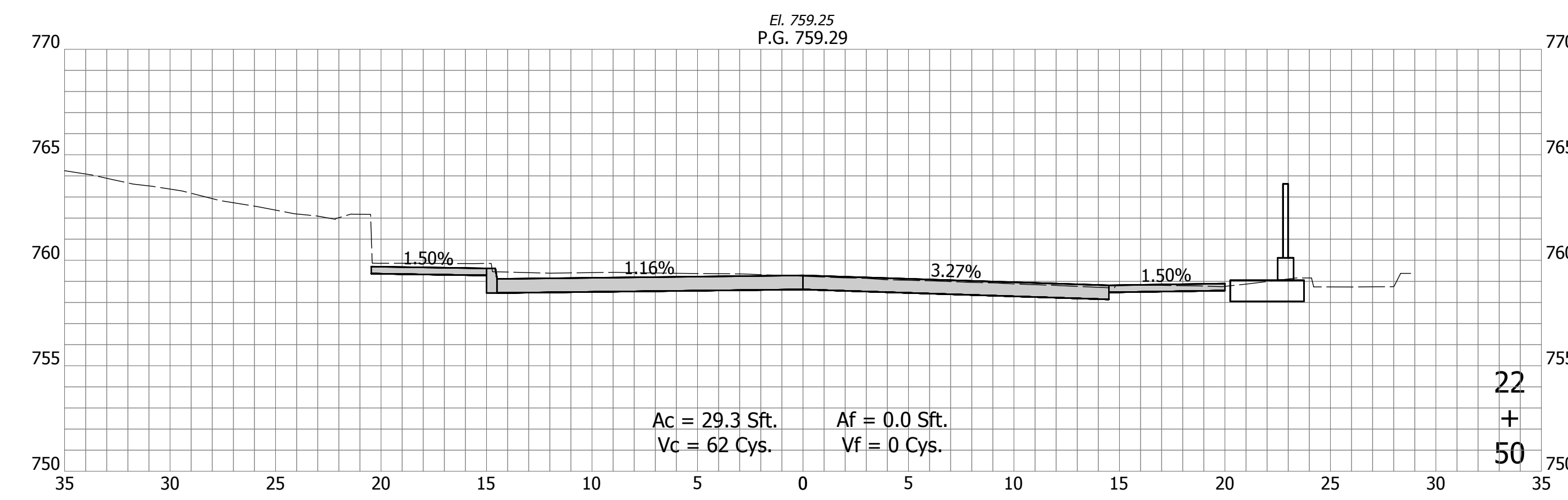
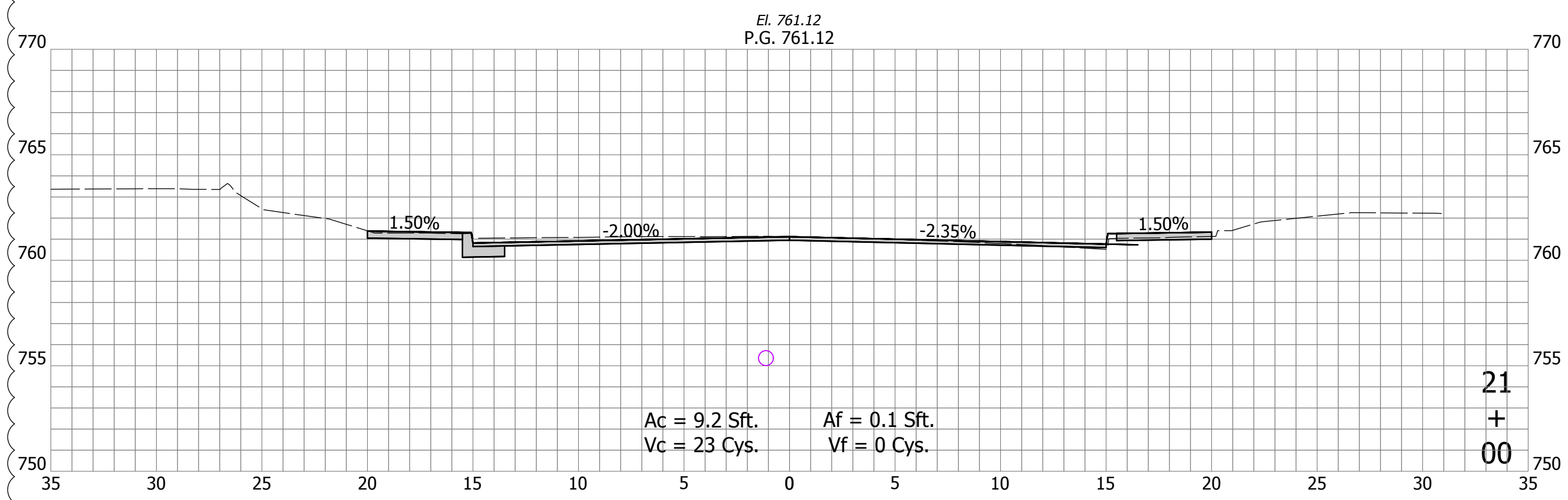
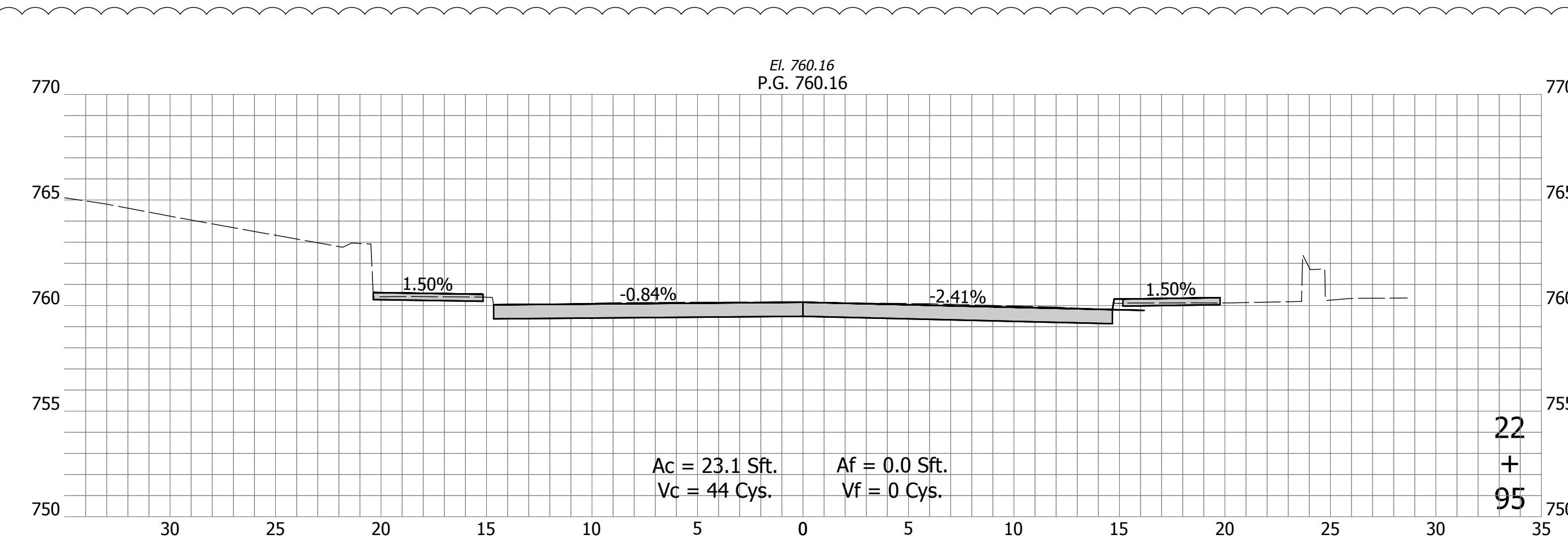
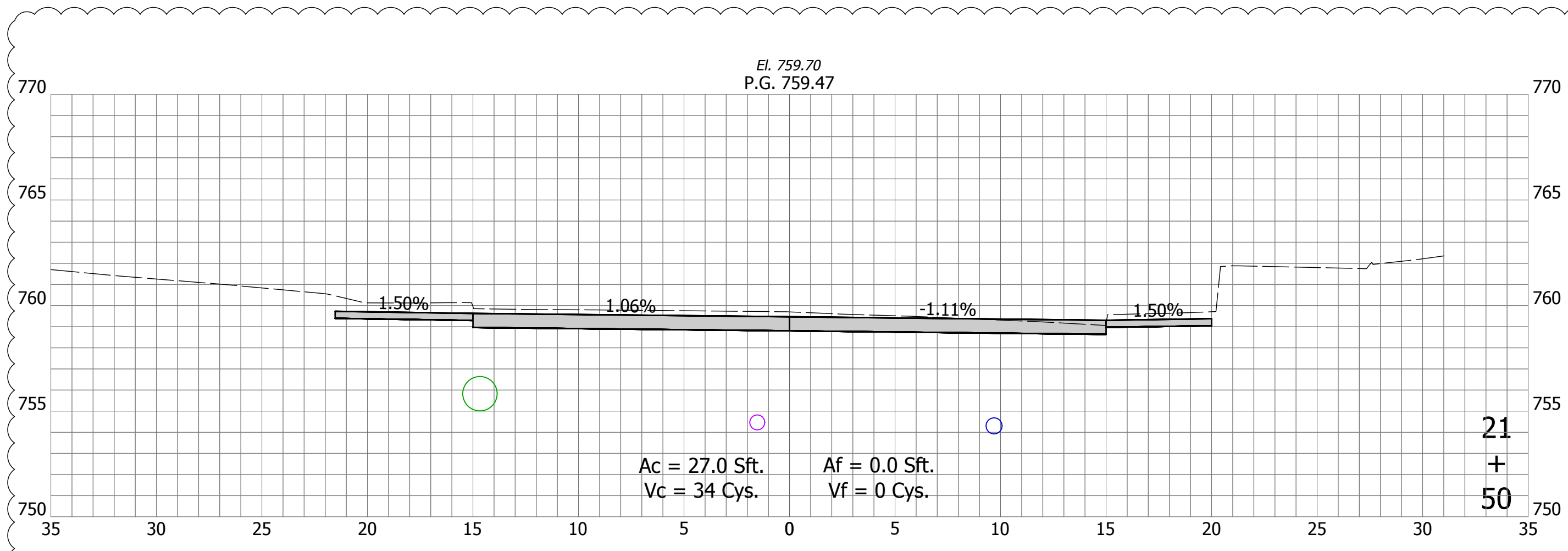
| | | | |
|--------------------------|--------------|-----------|--|
| RECOMMENDED FOR APPROVAL | | 9/15/2023 | |
| Christopher Waldner | | DATE | |
| DESIGNED: RJB | DRAWN: RJB | | |
| CHECKED: JTE | CHECKED: JTE | | |

INDIANA
DEPARTMENT OF TRANSPORTATION

 Cross Sections
 Line "S-3-A" - Jackson St

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 99 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (Side Streets).dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 5:10pm



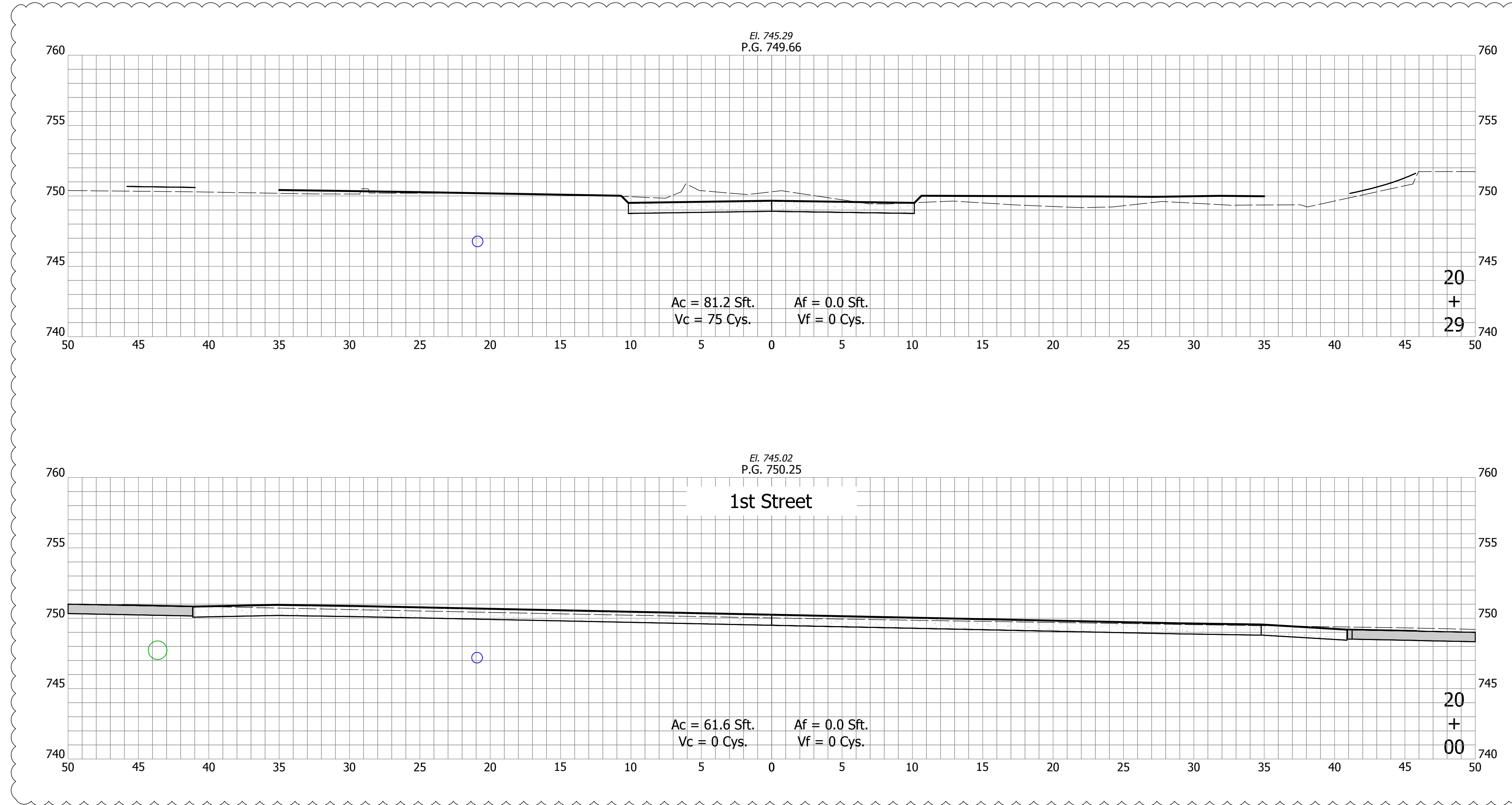
| DATE: | REVISIONS |
|------------|-----------------------|
| 12/04/2023 | UPDATE CROSS SECTIONS |

| | | | |
|--------------------------|---------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | 12/4/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION
 Cross Sections
 Line "S-4-A" - Rogers St

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 100 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (Side Streets).dwg
 DIMSCALE: 1 LTSCALE: 1
 PLOTTED BY: ABuzza
 DATE: Dec 04, 2023 - 5:12pm



| DATE: | REVISIONS |
|------------|-----------------------|
| 12/04/2023 | UPDATE CROSS SECTIONS |

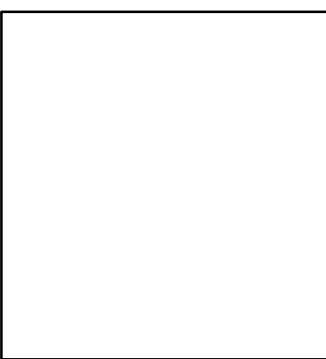
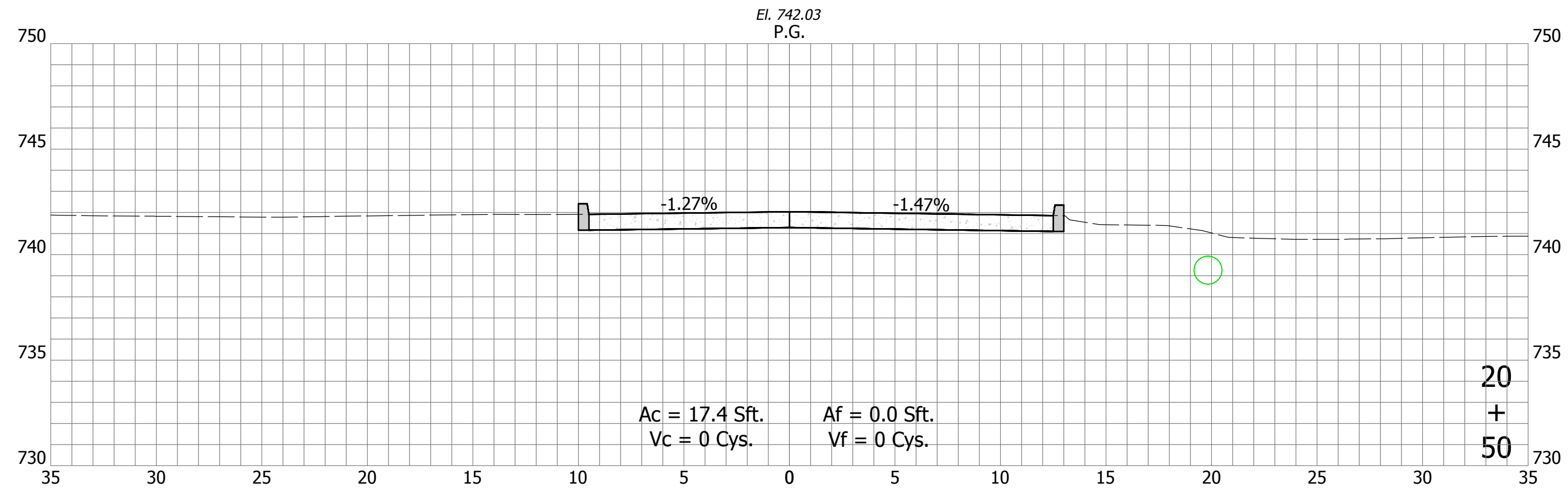
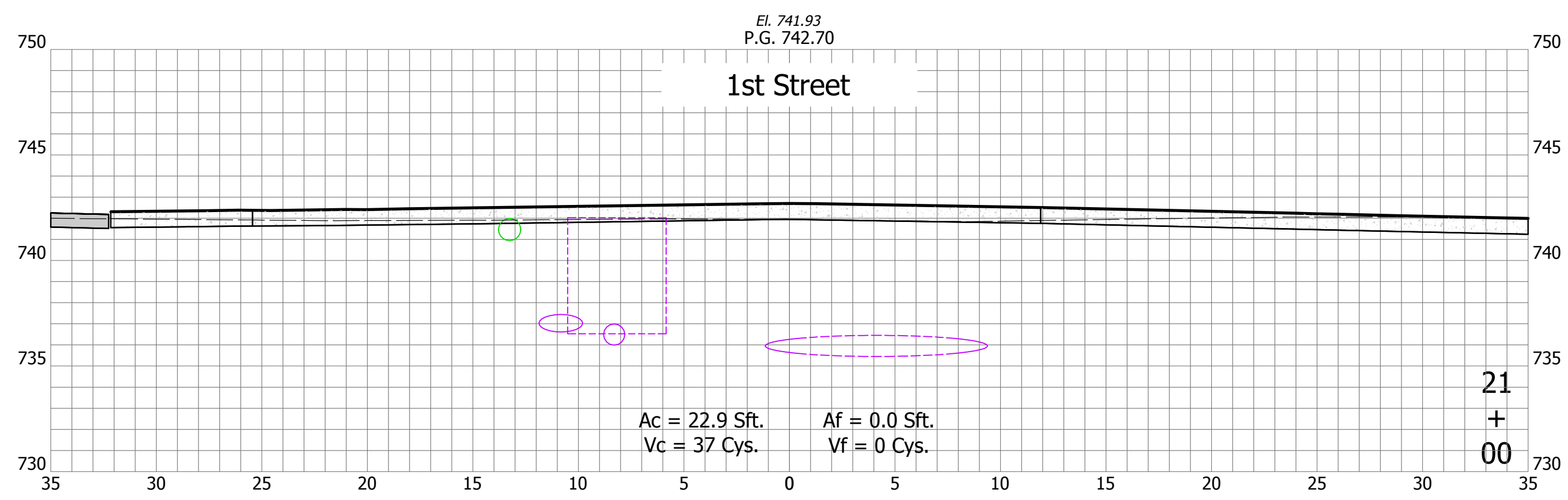
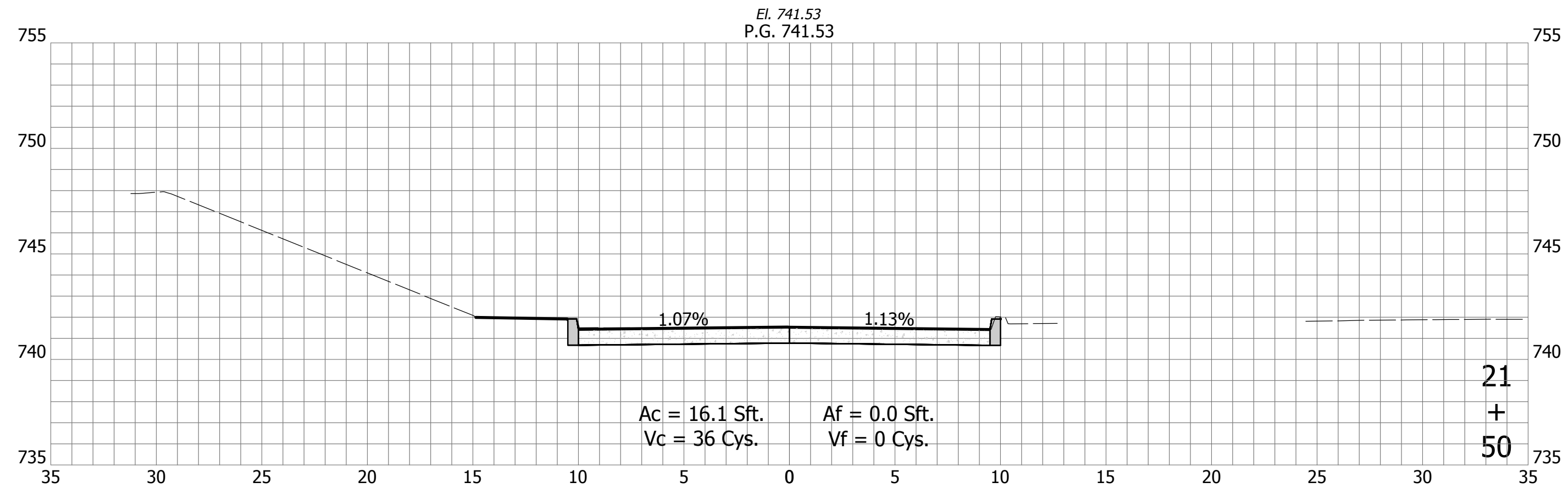


| | | | |
|--------------------------|---------------------|-----------|------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | 12/4/2023 | DATE |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION
 Cross Sections
 Line "S-5-A" - Madison St

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 101 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |

DIRECTORY: F:\2020\20-4421 Bloomington 1st Street\30 SheetDrawings\11 Cross Sections\
 FILE: 4421 Cross Sections (Side Streets).dwg
 DIMSCALE: 1/8" = 1' LTSCALE: 1
 PLOTTED BY: SFlaming
 DATE: Sep 15, 2023 - 4:39pm



| | | | |
|--------------------------|---------------------|----------|-----------|
| RECOMMENDED FOR APPROVAL | Christopher Waldner | DATE | 9/15/2023 |
| DESIGNED: | RJB | DRAWN: | RJB |
| CHECKED: | JTE | CHECKED: | JTE |

INDIANA
DEPARTMENT OF TRANSPORTATION
 Cross Sections
 Line "S-6-A" - Morton St

| | |
|------------------|-------------|
| HORIZONTAL SCALE | BRIDGE FILE |
| 1" = 5' | N/A |
| VERTICAL SCALE | DESIGNATION |
| 1" = 5' | 1900399 |
| SURVEY BOOK | SHEETS |
| N/A | 102 of 102 |
| CONTRACT | PROJECT |
| R-41892 | 1900399 |