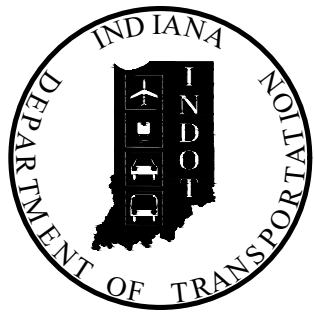


JDD -- 6/3/2025 8:54 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_CS.dwg

|          |             |
|----------|-------------|
| PROJECT  | DESIGNATION |
| 2003097  | 2003097     |
| CONTRACT |             |
| R-43925  |             |

# INDIANA DEPARTMENT OF TRANSPORTATION



## ROAD PLANS

ROUTE: U.S. 231                      AT: RP 287+71

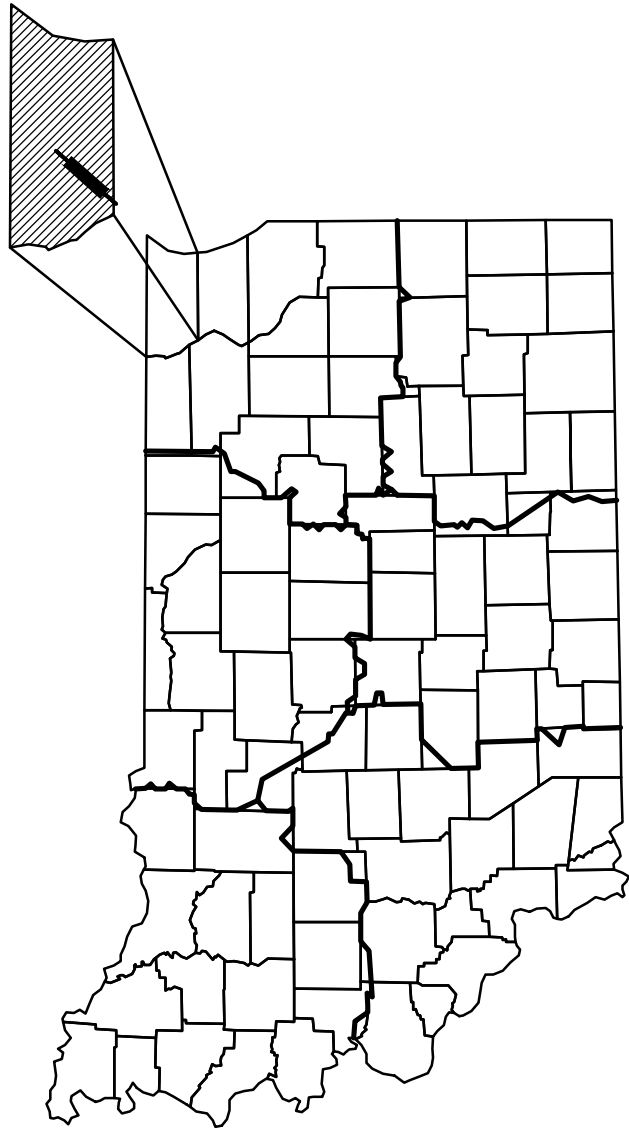
PROJECT NO.                      2003097                      P.E.

                                                 2003097                      R/W

                                                 2003097                      CONST.

| TRAFFIC DATA             | U.S. 231                         | IOWA STREET                      |
|--------------------------|----------------------------------|----------------------------------|
| A.A.D.T. (2025)          | 8,702 V.P.D.                     | 2,215 V.P.D.                     |
| A.A.D.T. (2045)          | 9,147 V.P.D.                     | 2,697 V.P.D.                     |
| D.H.V. (2045)            | 1,034 V.P.H.                     | 370 V.P.H.                       |
| DIRECTIONAL DISTRIBUTION | 55.61 %                          | 47.63 %                          |
| TRUCKS                   | 6.80 % A.A.D.T.<br>3.99 % D.H.V. | 5.16 % A.A.D.T.<br>1.68 % D.H.V. |

| DESIGN DATA               |                              |                              |
|---------------------------|------------------------------|------------------------------|
| DESIGN SPEED              | 55 MPH                       | 40 MPH                       |
| PROJECT DESIGN CRITERIA   | RECONSTRUCTION (NON-FREEWAY) | RECONSTRUCTION (NON-FREEWAY) |
| FUNCTIONAL CLASSIFICATION | MINOR ARTERIAL               | LOCAL AGENCY COLLECTOR       |
| RURAL/URBAN               | RURAL                        | RURAL                        |
| TERRAIN                   | LEVEL                        | LEVEL                        |
| ACCESS CONTROL            | NONE                         | NONE                         |



PROJECT LOCATION SHOWN BY  
LAKE COUNTY

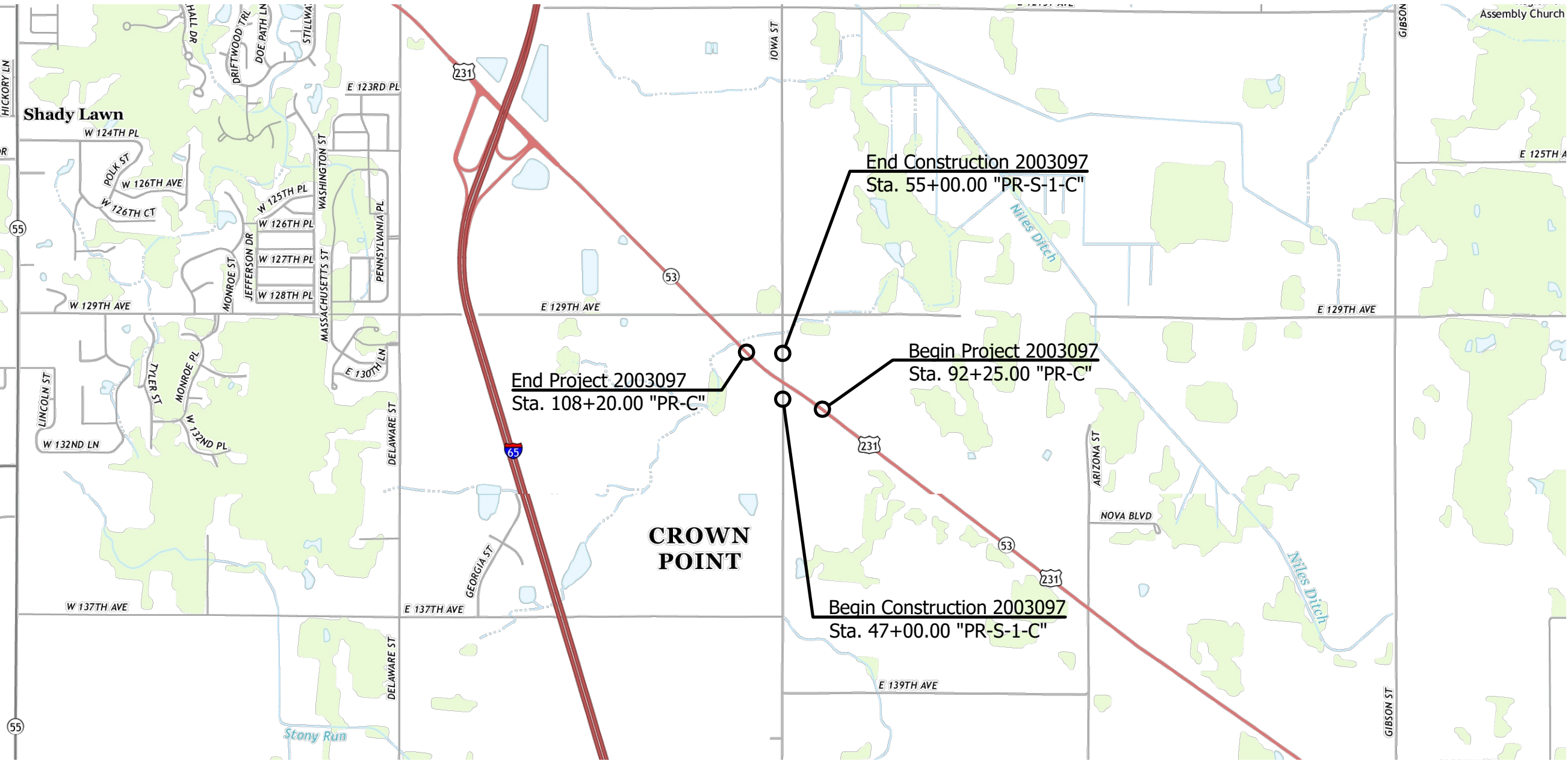
LATITUDE: 41°22'50"N      LONGITUDE: 87°18'23"W

GROSS LENGTH: 0.33 MI.  
NET LENGTH: 0.33 MI.  
MAX. GRADE: 2.62 %

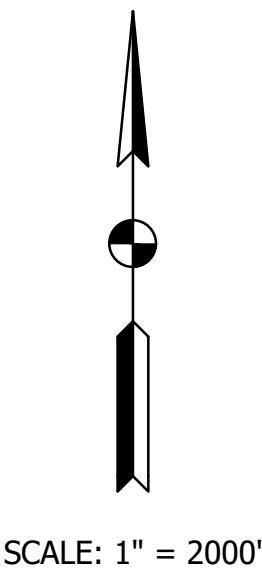
HYDROLOGIC UNIT CODE (S): 04040001030040,  
07120001130020

PUBLIC HEARING PLANS  
JUNE 9, 2025

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



LOCATION MAP  
LAKE COUNTY



LFA

LAWSON-FISHER ASSOCIATES P.C.

525 W. WASHINGTON AVENUE  
SOUTH BEND, INDIANA 46601  
PH. (574) 234-3167

NOT FOR  
CONSTRUCTION

PLANS PREPARED BY: LAWSON-FISHER ASSOC. P.C. 574-234-3167  
PHONE NUMBER

CERTIFIED BY: DATE

APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

|             |             |
|-------------|-------------|
|             |             |
|             | DESIGNATION |
|             | 2003097     |
| SURVEY BOOK | SHEETS      |
|             | 1 of 68     |
| CONTRACT    | PROJECT     |
| R-43925     | 2003097     |

GDH -- 6/3/2025 8:54 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_IN.dwg

| UTILITIES        |                                  |                       |
|------------------|----------------------------------|-----------------------|
| UTILITY          | OWNER                            | ADDRESS               |
| COMMUNICATIONS - | AT&T Distrubution                | 302 S East St         |
|                  | Contact: Dennis Protega          | Crown Point, IN 46307 |
|                  | Phone: (219)662-4689             |                       |
|                  | Email: dp7986@att.com            |                       |
| ELECTRIC -       | NIPSCO Electric                  | 20 S Joseph St.       |
|                  | Contact: Scott Hoffman           | Crown Point, IN 46307 |
|                  | Phone: (219)713-6929             |                       |
|                  | Email: scotthoffman@nisource.com |                       |
| GAS -            | NIPSCO Gas                       | 20 S Joseph St.       |
|                  | Contact: Jessica Thomas          | Crown Point, IN 46307 |
|                  | Phone: (219)302-0038             |                       |
|                  | Email: jessthas@nisource.com     |                       |

| GENERAL NOTES                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| All earth shoulders, median area, cut and fill slopes shall be plain or mulched seeded except where sodding is specified.                                                                                                           |
| The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities. |
| It is the Contractor's responsibility to contact any and all utility companies within the limits of this project 3 weeks prior to any construction.                                                                                 |
| This set of plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivision or section corner information is shown, it is based on physical evidence or testimony.            |
|                                                                                                                                                                                                                                     |

| INDEX     |                                    |
|-----------|------------------------------------|
| SHEET NO. | DRAWING INDEX                      |
| 1         | Title Sheet                        |
| 2         | Index and General Notes            |
| 3 - 7     | Typical Sections                   |
| 8         | Plat No. 1                         |
| 9         | Geometric Tie-Up                   |
| 10 - 12   | Maintenance of Traffic             |
| 13 - 21   | Plan and Profiles                  |
| 22 - 24   | Roundabout Profiles                |
| 25 - 26   | Detention Basin Plan and Sections  |
| 27        | Intersection Spot Elevation Detail |
| 28        | Lighting Plan                      |
| 29 - 32   | Pavement Marking and Signing Plan  |
| 33 - 40   | Erosion Control Plans              |
| 41        | Approach Table                     |
| 42        | Structure Data Table               |
| 43 - 68   | Cross Sections                     |

| REVISIONS |      |         |
|-----------|------|---------|
| SHEET NO. | DATE | REVISED |
|           |      |         |
|           |      |         |
|           |      |         |
|           |      |         |
|           |      |         |
|           |      |         |
|           |      |         |
|           |      |         |

INDIANA 811



Per Indiana State Law IC-8-1-26-16: It is against the law to excavate without notifying the underground location service two (2) working days before commencing work.

INDIANA 811  
1-800-382-5544 OR CALL 811  
24 HOURS A DAY 7 DAYS A WEEK

Note: Utility locations are shown based upon information (maps and paint marks) supplied by others, and there is not guarantee of the accuracy or completeness of said locations.

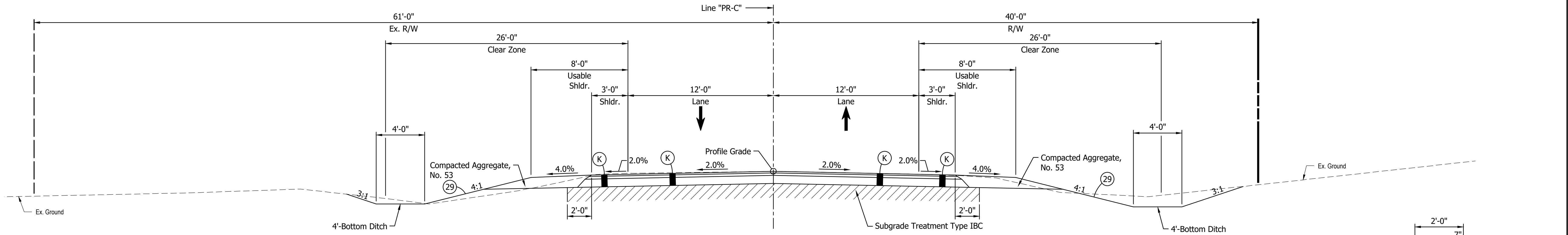
NOT FOR  
CONSTRUCTION

|                                |              |
|--------------------------------|--------------|
| RECOMMENDED FOR APPROVAL _____ |              |
| DESIGNED: DJT                  | DRAWN: GDH   |
| CHECKED: DGD                   | CHECKED: DGD |

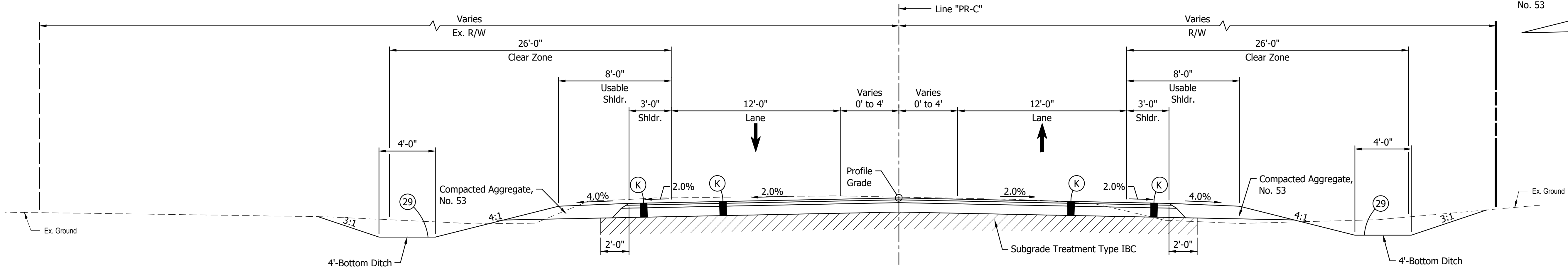
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|-----------------------------------------|--|
| INDIANA<br>DEPARTMENT OF TRANSPORTATION |  |
| INDEX AND GENERAL NOTES                 |  |

|             |             |
|-------------|-------------|
| SCALE       | BRIDGE FILE |
|             | DESIGNATION |
|             | 2003097     |
| SURVEY BOOK | SHEETS      |
|             | 2 of 68     |
| CONTRACT    | PROJECT     |
| R-43925     | 2003097     |

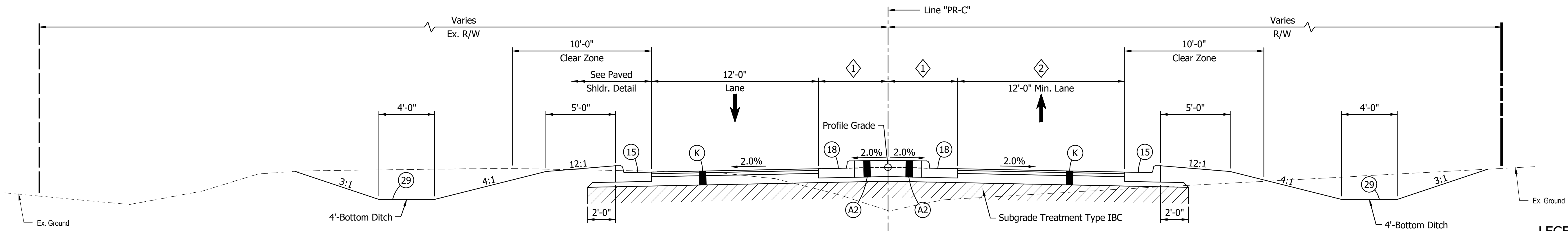
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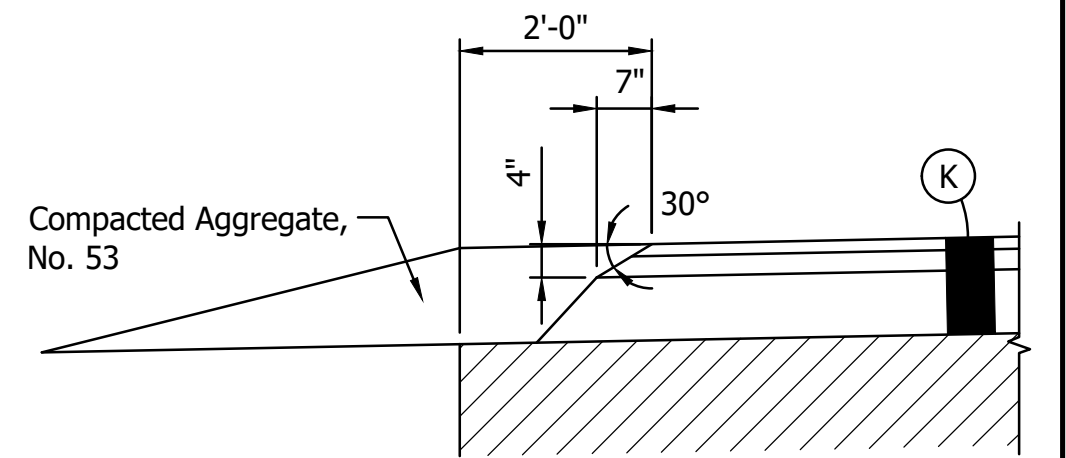
**TYPICAL SECTION - LINE "PR-C"**  
Sta. 92+25.00 to Sta. 93+00.00  
Scale: 1/4" = 1'-0"



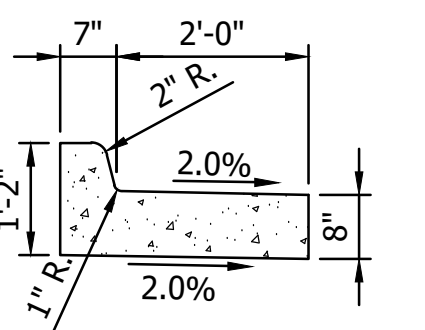
**TYPICAL SECTION - LINE "PR-C"**  
Sta. 93+00.00 to Sta. 95+40.00  
Scale: 1/4" = 1'-0"



**TYPICAL SECTION - LINE "PR-C"**  
Sta. 95+40.00 to Sta. 98+00.00  
Scale: 1/4" = 1'-0"



**SAFETY EDGE DETAIL**  
Scale: 1/2" = 1'-0"



**18 CURB AND GUTTER,  
COMBINED, MODIFIED, REVERSE**  
Scale: 1/2" = 1'-0"

**LEGEND:**

- (A2) PCCP, 6" Colored on 8" Compacted Aggregate, No. 53 on Subgrade Treatment, Type IBC
- (K) 165 #/sys QC/QA-HMA, 3, 70, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 64, Base, 25.0 mm on Subgrade Treatment, Type IBC
- (15) Curb and Gutter, Combined
- (18) Curb and Gutter, Combined Modified, Reverse
- (29) Mulched Seeding, Type R

**PAVED SHOULDER DETAIL**  
Sta. 95+40.00 to Sta. 97+22.97  
Scale: 1/4" = 1'-0"

NOT FOR  
CONSTRUCTION

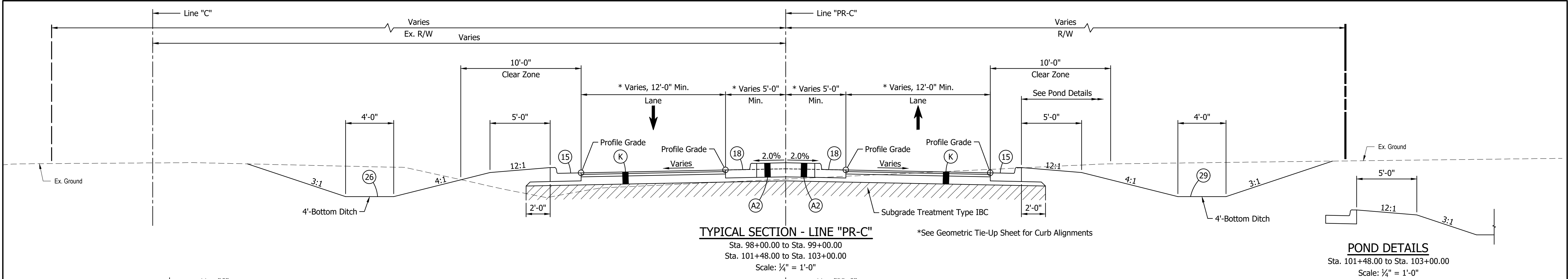
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|--------------------------------|--------------|
| RECOMMENDED FOR APPROVAL _____ |              |
| DESIGNED: DJT                  | DRAWN: GDH   |
| CHECKED: DGD                   | CHECKED: DGD |

INDIANA  
DEPARTMENT OF TRANSPORTATION

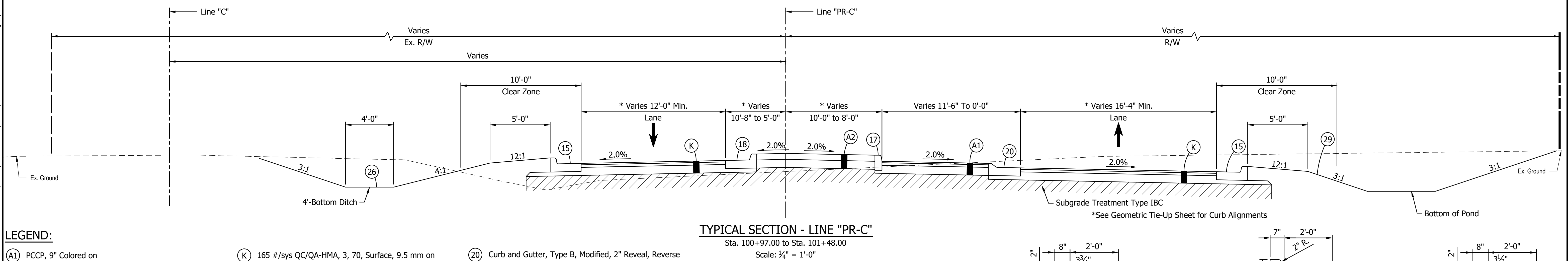
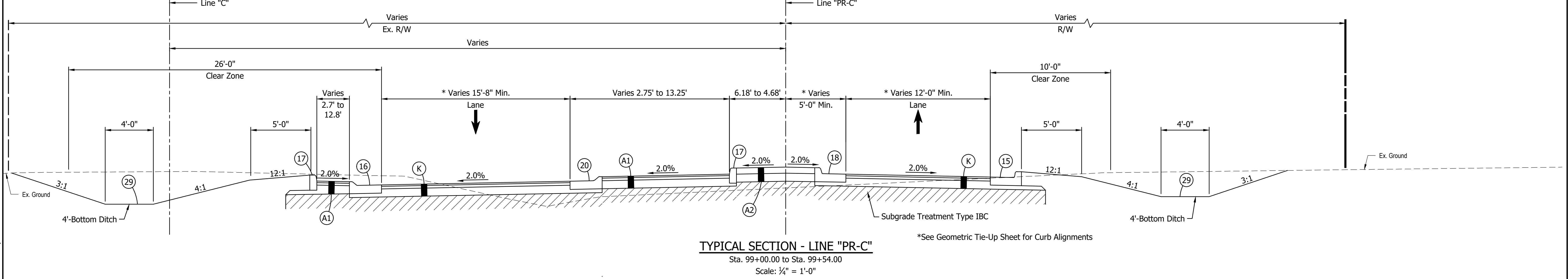
TYPICAL SECTIONS  
LINE "PR-C"

|                     |                        |
|---------------------|------------------------|
| SCALE<br>AS NOTED   | BRIDGE FILE            |
|                     | DESIGNATION<br>2003097 |
| SURVEY BOOK         | SHEETS<br>3 of 68      |
| CONTRACT<br>R-43925 | PROJECT<br>2003097     |

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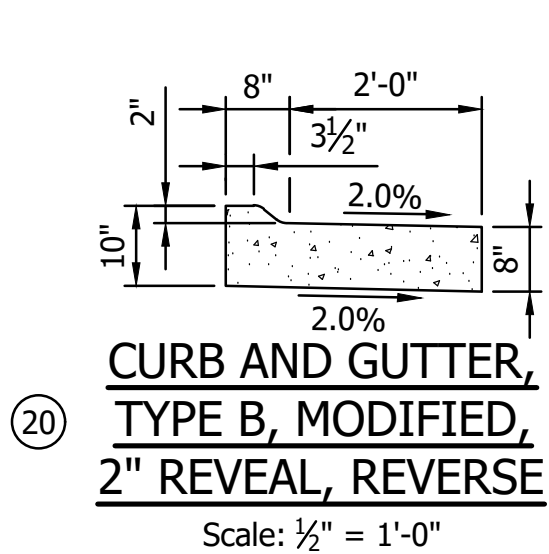
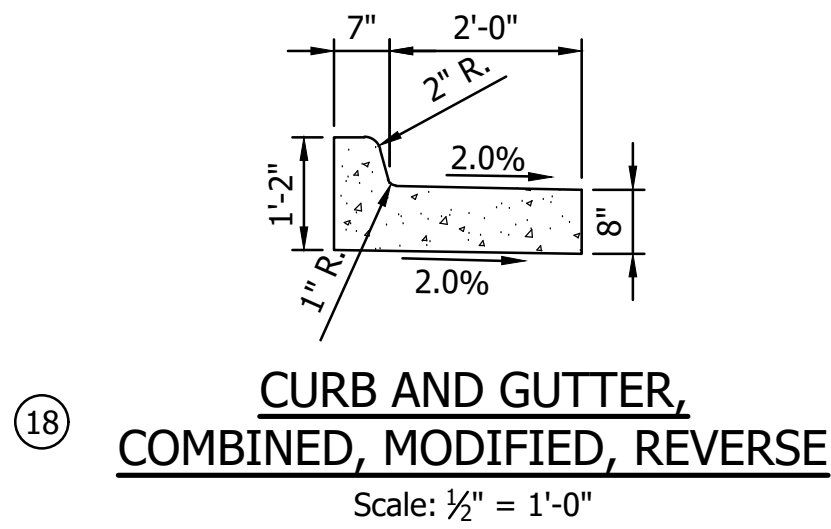
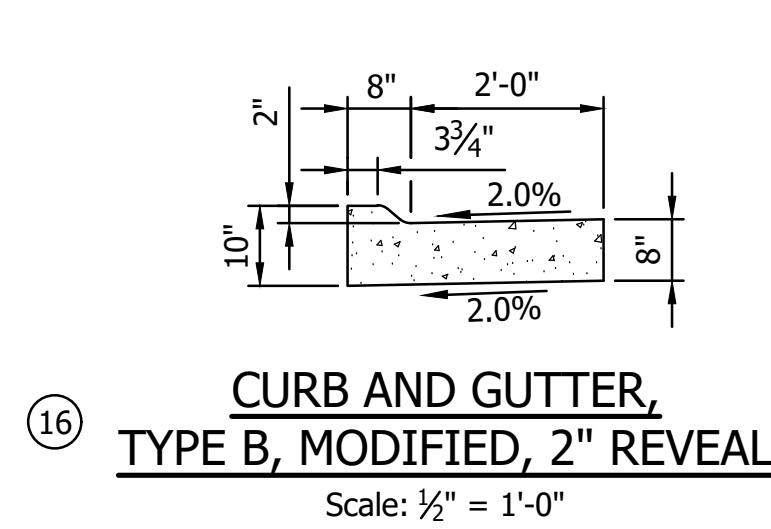


**POND DETAILS**  
Sta. 101+48.00 to Sta. 103+00.00  
Scale: 1/4" = 1'-0"



**LEGEND:**

- |                                                                                                                                                                                   |                                                                                                                                                                                   |                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| (A1) PCCP, 9" Colored on 5" Compacted Aggregate, No. 53 on Subgrade Treatment, Type IBC                                                                                           | (K) 165 #/sys QC/QA-HMA, 3, 70, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 64, Base, 25.0 mm on Subgrade Treatment, Type IBC | (20) Curb and Gutter, Type B, Modified, 2" Reveal, Reverse |
| (A2) PCCP, 6" Colored on 8" Compacted Aggregate, No. 53 on Subgrade Treatment, Type IBC                                                                                           | (15) Curb and Gutter, Combined                                                                                                                                                    | (26) Sodding                                               |
| (J) 165 #/sys QC/QA-HMA, 3, 70, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 64, Base, 25.0 mm on Subgrade Treatment, Type IBC | (16) Curb and Gutter, Type B, Modified, 2" Reveal                                                                                                                                 | (29) Mulched Seeding, Type R                               |
|                                                                                                                                                                                   | (17) Integral Curb                                                                                                                                                                |                                                            |
|                                                                                                                                                                                   | (18) Curb and Gutter, Combined Modified, Reverse                                                                                                                                  |                                                            |



NOT FOR  
CONSTRUCTION

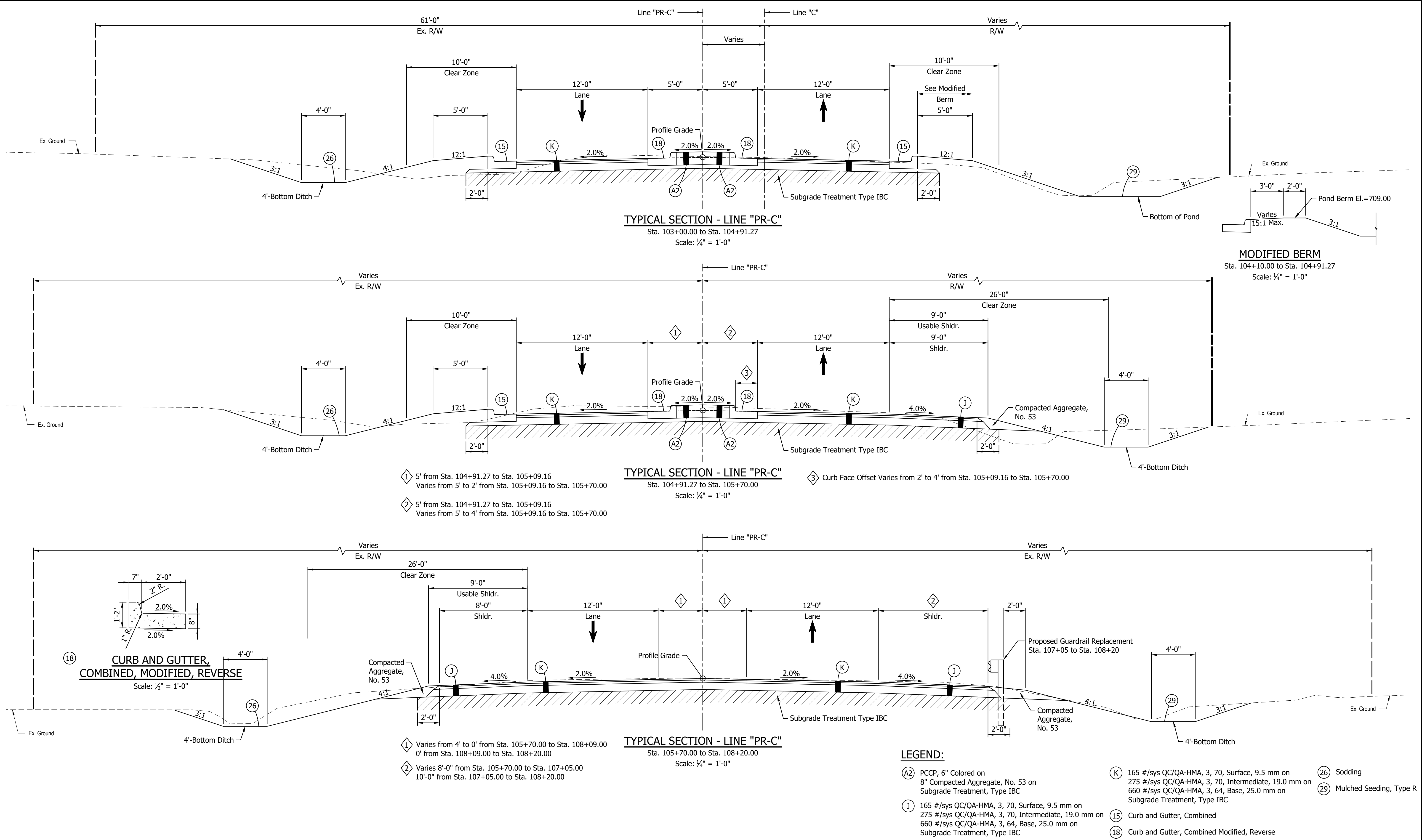
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|--------------------------|--------------|
| RECOMMENDED FOR APPROVAL |              |
| DESIGNED: DJT            | DRAWN: GDH   |
| CHECKED: DGD             | CHECKED: DGD |

INDIANA  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
LINE "PR-C"

|                       |                        |
|-----------------------|------------------------|
| SCALE<br>1/4" = 1'-0" | BRIDGE FILE            |
|                       | DESIGNATION<br>2003097 |
| SURVEY BOOK           | SHEETS<br>4 of 68      |
| CONTRACT<br>R-43925   | PROJECT<br>2003097     |

DJT - 6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_ISO1.dwg (TYP SEC 03)



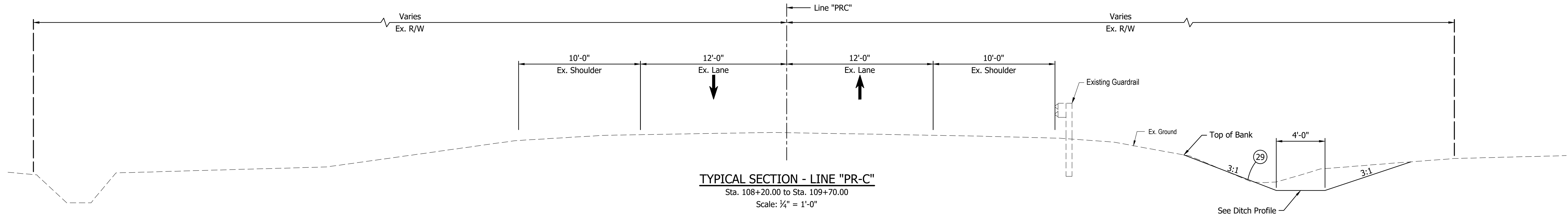
NOT FOR  
CONSTRUCTION

|                          |              |
|--------------------------|--------------|
| RECOMMENDED FOR APPROVAL |              |
| DESIGNED: DJT            | DRAWN: GDH   |
| CHECKED: DGD             | CHECKED: DGD |

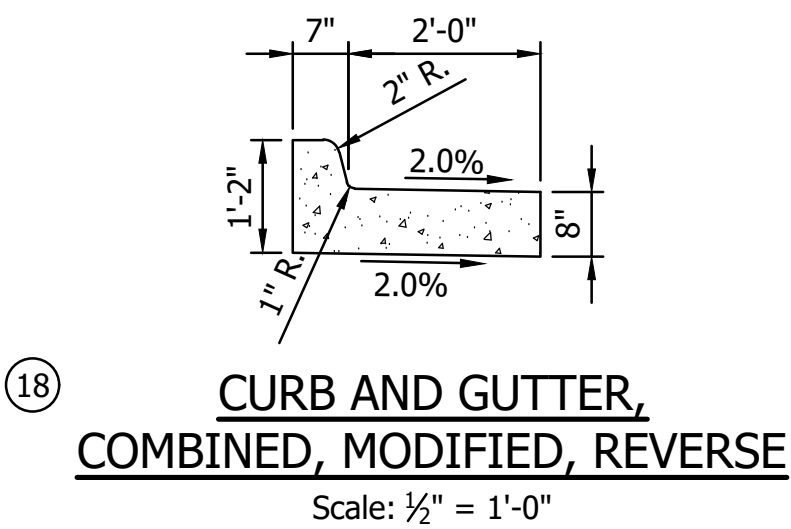
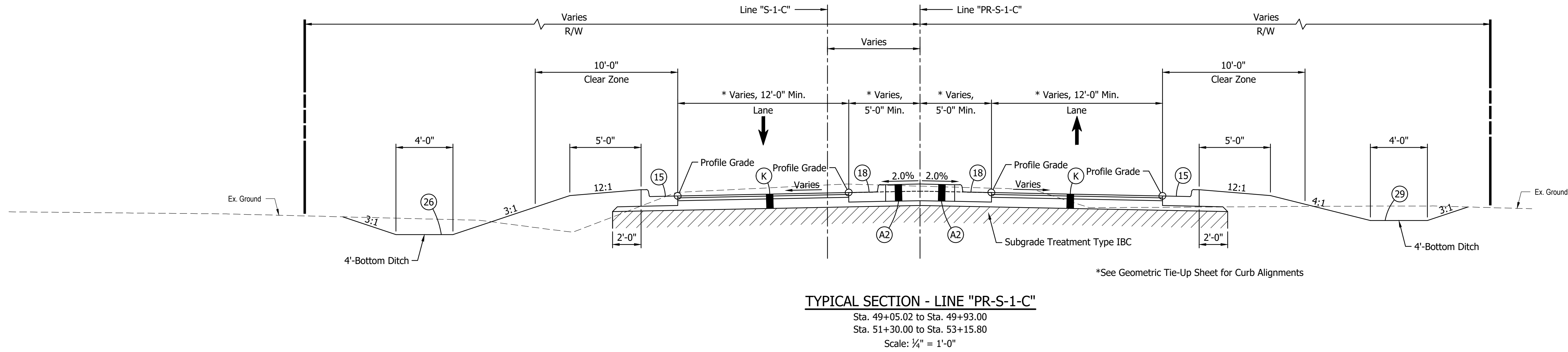
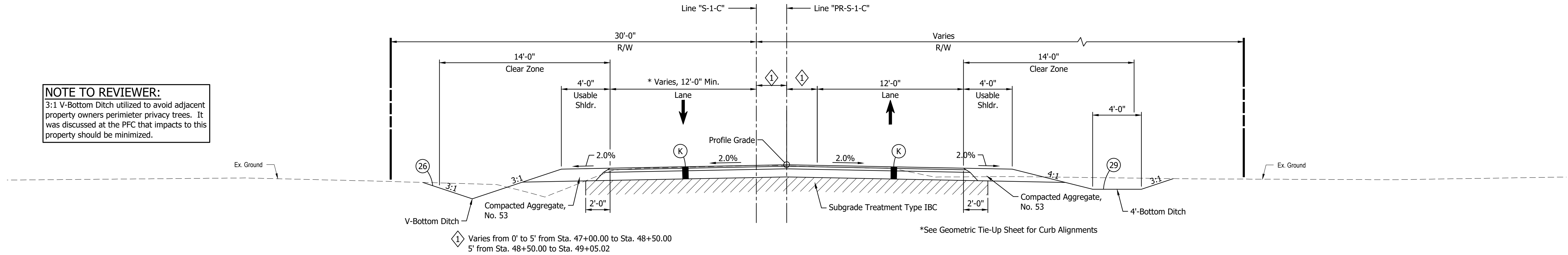
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| INDIANA<br>DEPARTMENT OF TRANSPORTATION |  |
| TYPICAL SECTIONS<br>LINE "PR-C"         |  |

|                     |                               |
|---------------------|-------------------------------|
| SCALE<br>AS NOTED   | BRIDGE FILE                   |
| SURVEY BOOK         | SHEETS                        |
| CONTRACT<br>R-43925 | 5 of 68<br>PROJECT<br>2003097 |

DJT - 6/3/2025 8:58 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_ISO1.dwg (TYP SEC 04)



**NOTE TO REVIEWER:**  
3:1 V-Bottom Ditch utilized to avoid adjacent property owners perimeter privacy trees. It was discussed at the PFC that impacts to this property should be minimized.



- LEGEND:**
- (A2) PCCP, 6" Colored on 8" Compacted Aggregate, No. 53 on Subgrade Treatment, Type IBC
  - (K) 165 #/sys QC/QA-HMA, 3, 70, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 64, Base, 25.0 mm on Subgrade Treatment, Type IBC
  - (15) Curb and Gutter, Combined
  - (18) Curb and Gutter, Combined Modified, Reverse
  - (29) Mulched Seeding, Type R

NOT FOR  
CONSTRUCTION

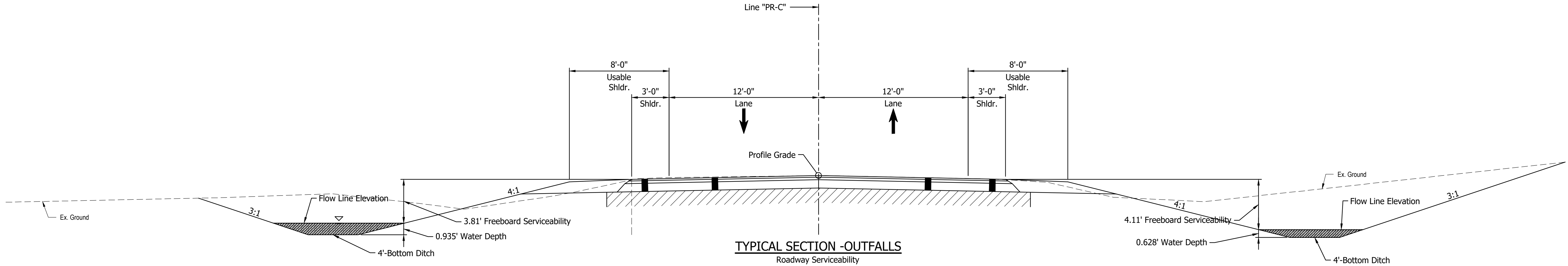
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| RECOMMENDED FOR APPROVAL _____ |              |
| DESIGNED: DJT                  | DRAWN: GDH   |
| CHECKED: DGD                   | CHECKED: DGD |

INDIANA  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
LINE "PR-C" & "PR-S-1C"

|                       |                        |
|-----------------------|------------------------|
| SCALE<br>1/4" = 1'-0" | BRIDGE FILE            |
|                       | DESIGNATION<br>2003097 |
| SURVEY BOOK           | SHEETS<br>6 of 68      |
| CONTRACT<br>R-43925   | PROJECT<br>2003097     |

DJT - 6/3/2025 8:55 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_TS01.dwg (FREEBOARD)



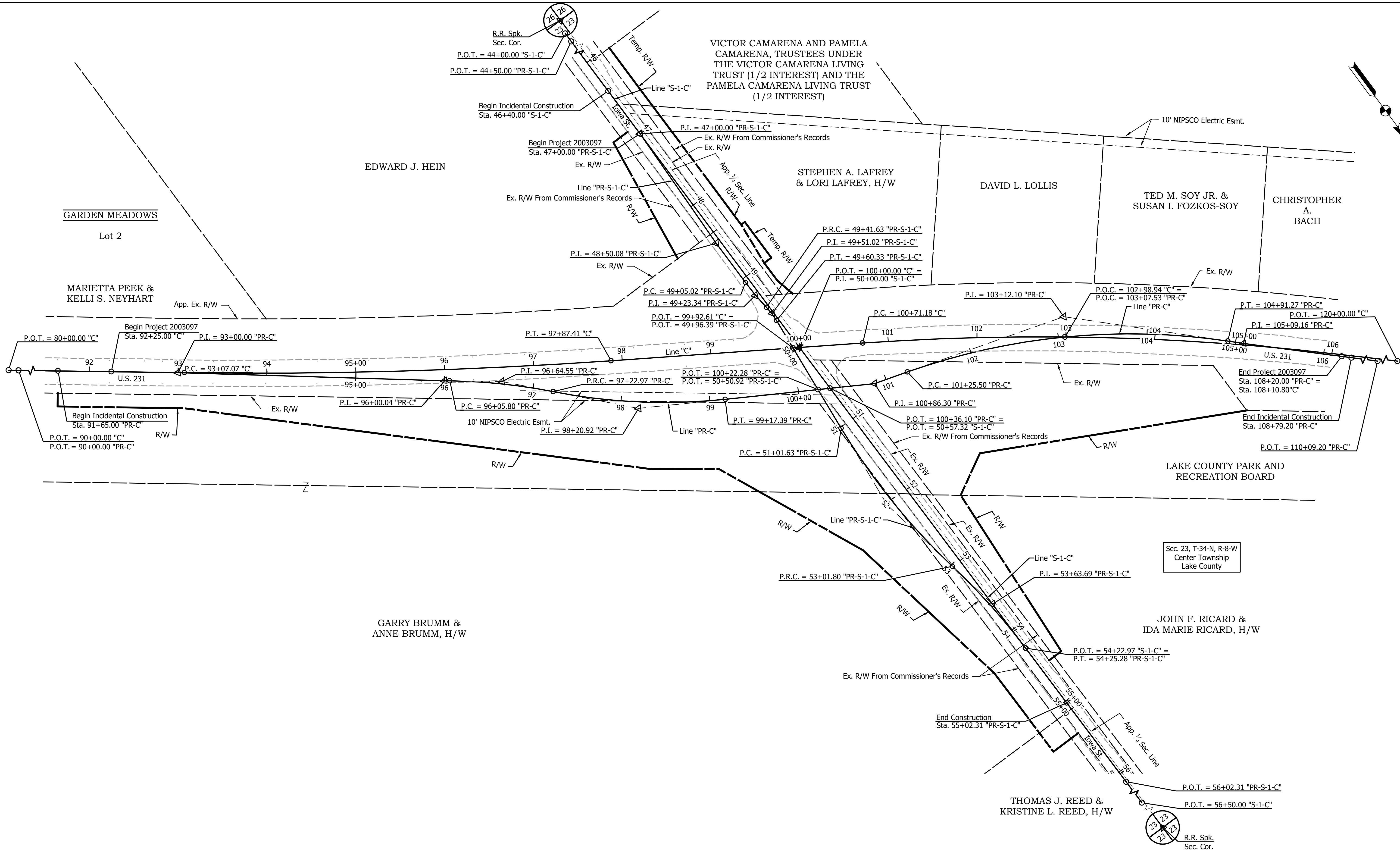
NOT FOR  
CONSTRUCTION

|                                   |                    |
|-----------------------------------|--------------------|
| RECOMMENDED<br>FOR APPROVAL _____ |                    |
| DESIGN ENGINEER _____             | DATE _____         |
| DESIGNED: FTP _____               | DRAWN: FTP _____   |
| CHECKED: DJT _____                | CHECKED: DJT _____ |

|                                         |  |
|-----------------------------------------|--|
| INDIANA<br>DEPARTMENT OF TRANSPORTATION |  |
| TYPICAL SECTIONS<br>DITCH FREEBOARD     |  |

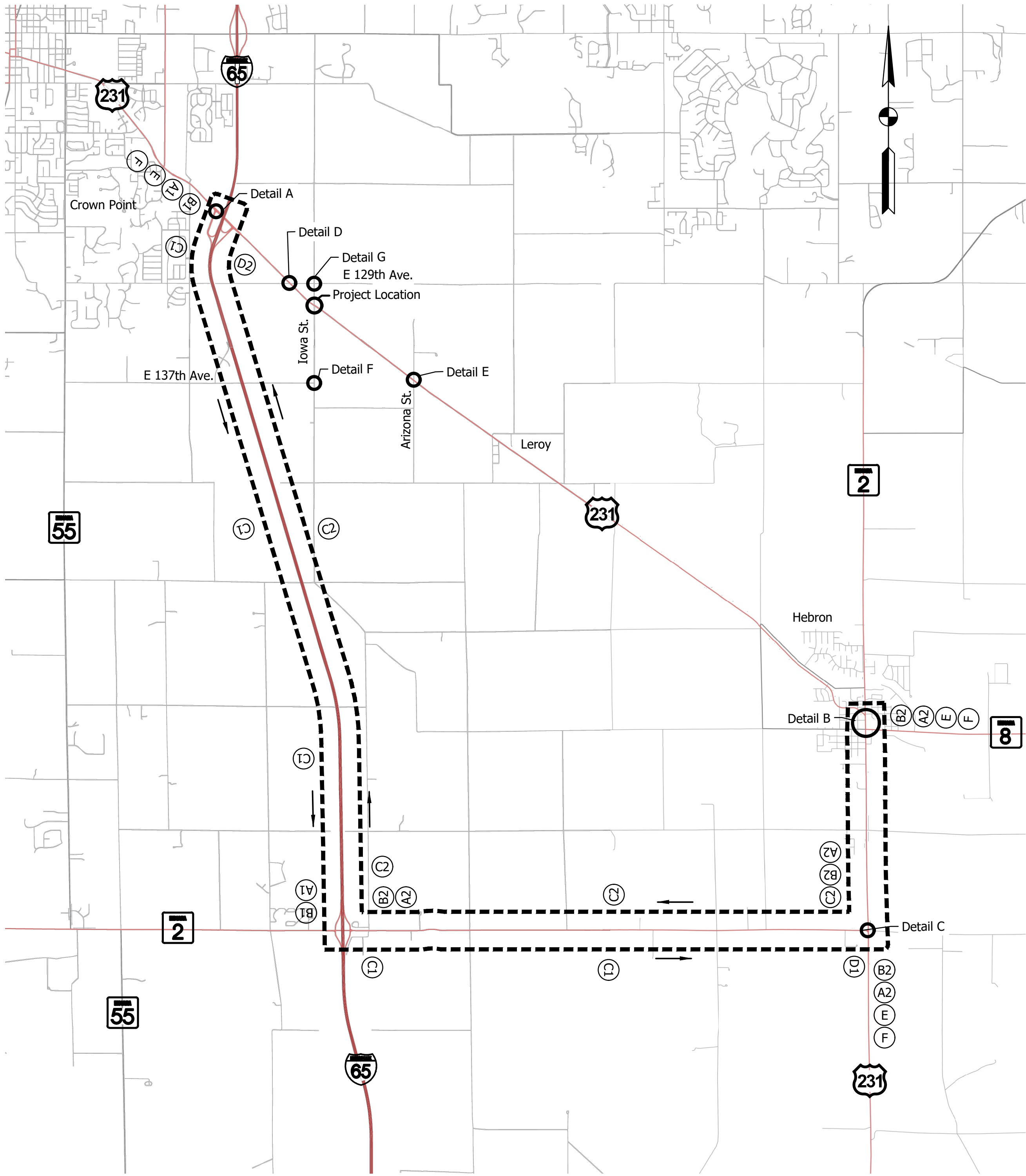
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|                       | DESIGNATION<br>2003097 |       |
| SURVEY BOOK           | SHEETS                 |       |
|                       | 7                      | of 68 |
| CONTRACT<br>R-43925   | PROJECT<br>2003097     |       |

CDH - 6/3/2025 8:58 AM - U:\2022\202223 INDOT US 231\Cod\Plan Set\Civil\222300TR\_P101.dwg (PLAT NO. 1)





DDE -- 6/3/2025 8:56 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300MT\_DR01.dwg (NOT DET -- SR 231)

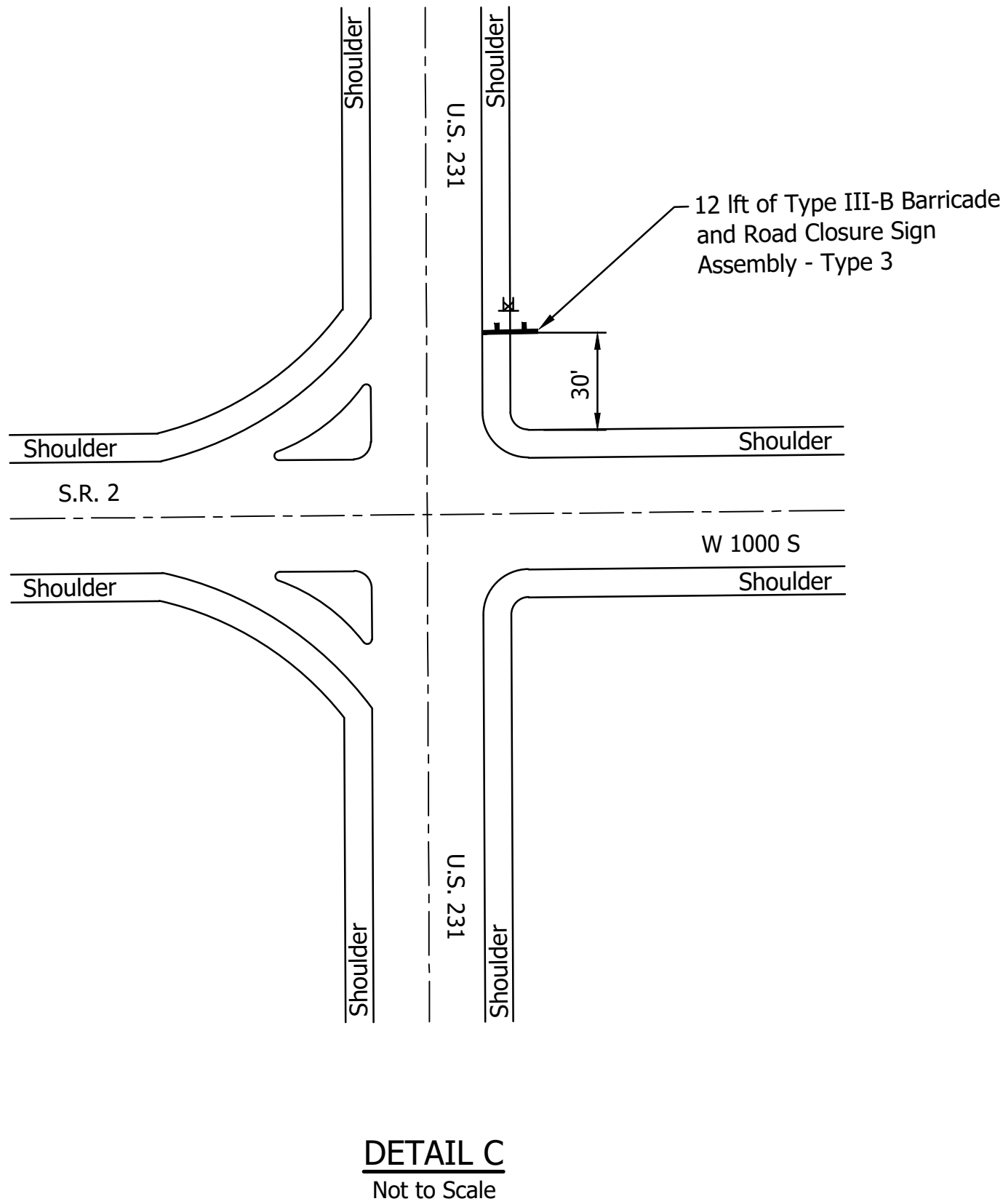
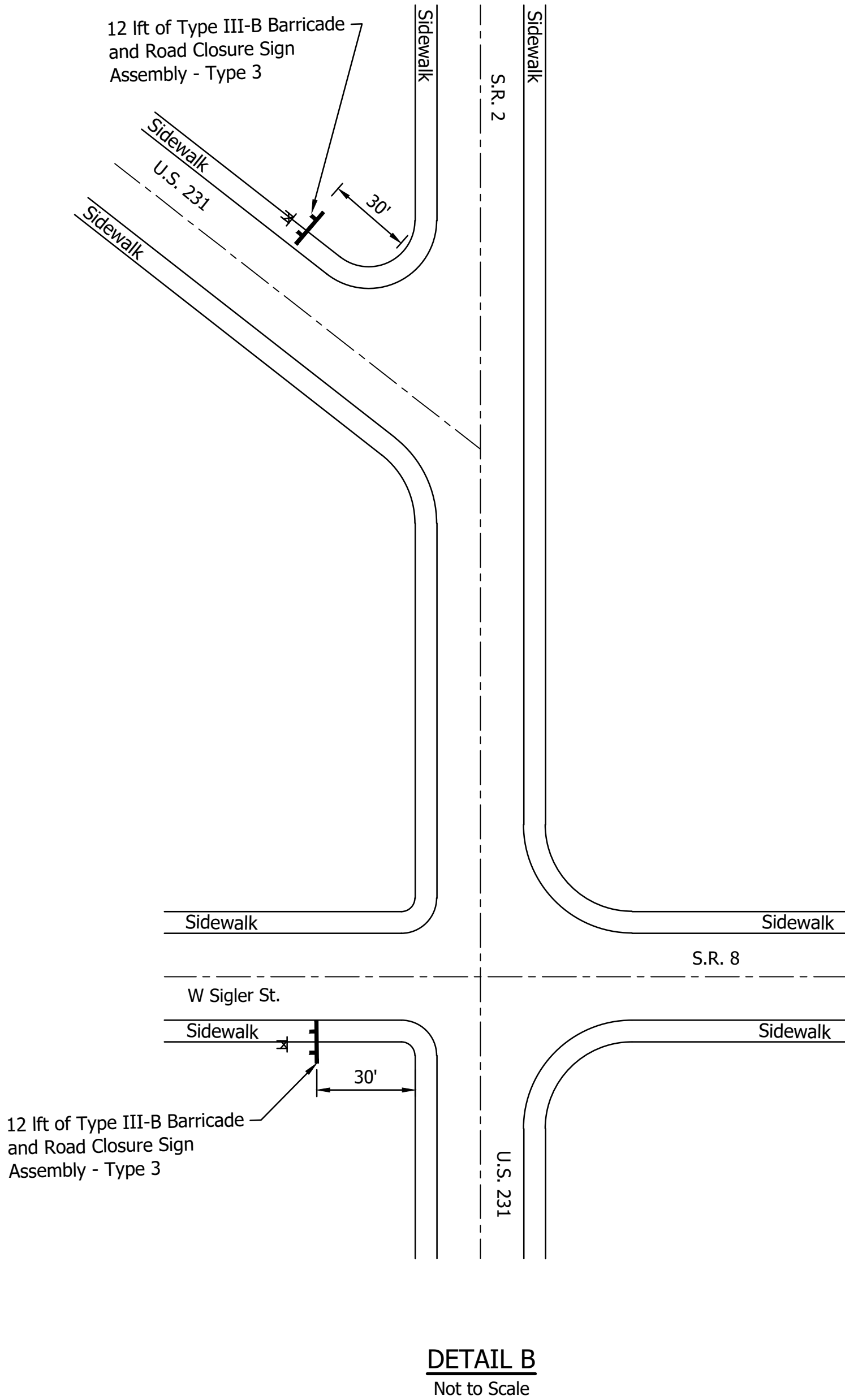
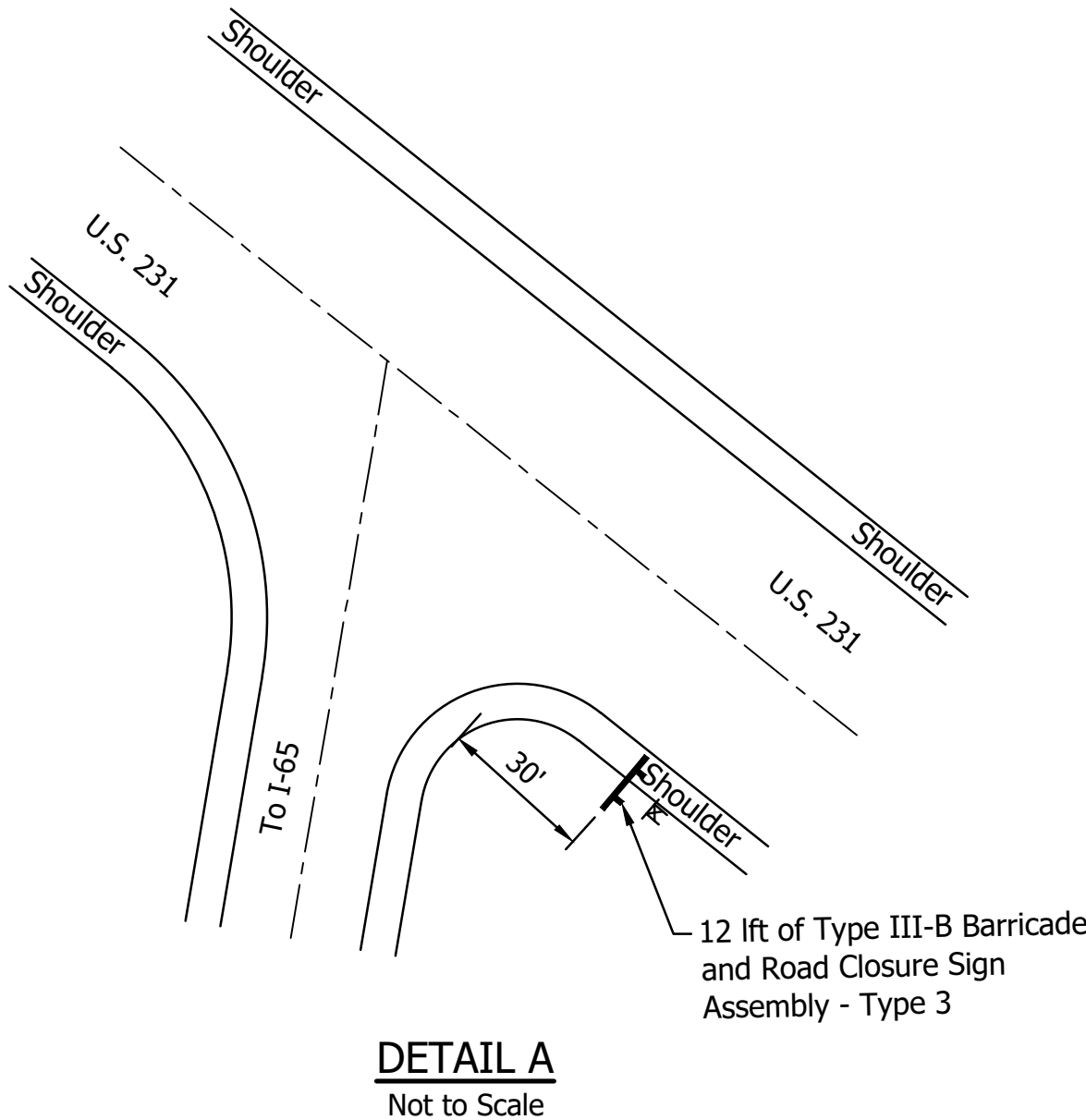


**DETOUR ROUTE**  
Scale: 1" = 4000'

**DETOUR ROUTE MARKER ASSEMBLIES**

|                                                                                                                                      |                        |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>(A1)</b><br><b>DETOUR</b><br><b>SOUTH</b><br><b>231</b><br>M5-1(R or L)(S)<br>21" x 15"<br>ADVANCE TURN DETOUR<br>MARKER ASSEMBLY | <b>(B1)</b><br><b></b> |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------|

DDE -- 6/3/2025 8:55 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300MT\_DR02.dwg (NOT GEN. NOTES)



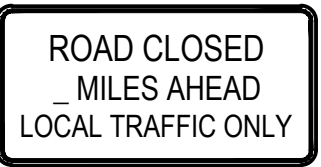
| ESTIMATE OF QUANTITIES              |          |          |
|-------------------------------------|----------|----------|
| ITEM                                | QUANTITY | UNIT     |
| Maintaining Traffic                 | 1        | Lump Sum |
| Construction Sign Type B            | 22       | Each     |
| Barricade Type III-A                | 108      | Lft      |
| Barricade Type III-B                | 168      | Lft      |
| Detour Route Sign Assemblies        | 23       | Each     |
| Road Closure Sign Assemblies Type 1 | 4        | Each     |
| Road Closure Sign Assemblies Type 2 | 4        | Each     |
| Road Closure Sign Assemblies Type 3 | 4        | Each     |

GENERAL NOTES:

1. Install construction signs as shown on plans and as directed.
2. Traffic shall be detoured along S.R. 2 and I-65.
3. All type 'A' construction signs to have low intensity flashing yellow light, type 'A'.
4. All materials, procedures, signs, markings, and miscellaneous items shall conform to the requirements of the INDOT standard specifications and the Indiana Manual on Uniform Traffic Control Devices, and revisions there to.
5. Contractor shall notify local fire department, police, ambulance services, and schools of the work schedule and temporary traffic layouts.

LEGEND:

- ⏏ Road Closure Assembly
- ⏏ Type III-B Barricade



R11-3  
60" x 30"



XM4-10(R or L)  
48" x 18"

ROAD CLOSURE SIGN ASSEMBLY - TYPE 3



R11-3  
60" x 30"

ROAD CLOSURE SIGN ASSEMBLY - TYPE 1

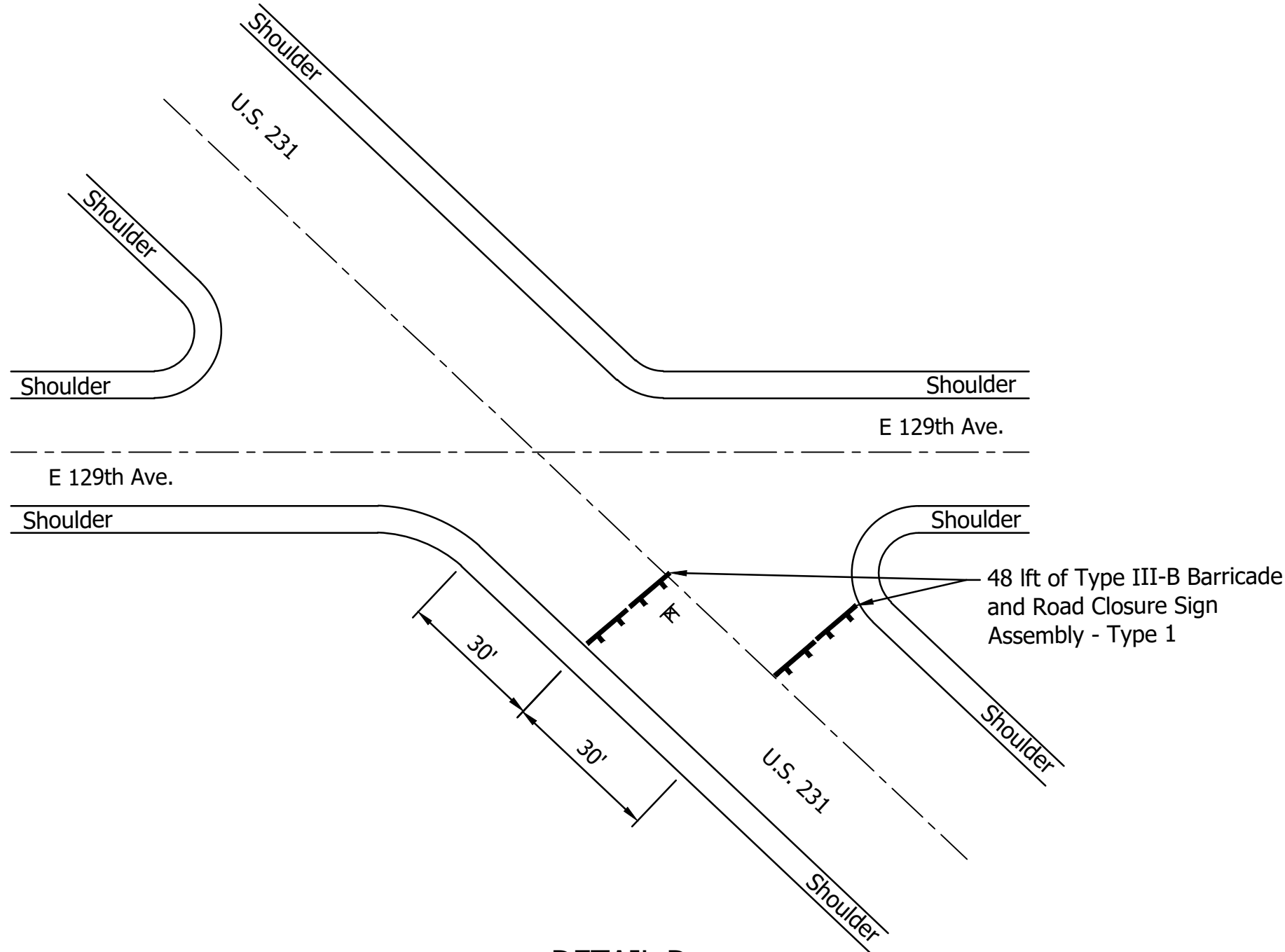
NOT FOR  
CONSTRUCTION

|                                |              |
|--------------------------------|--------------|
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| CHECKED: DGD                   | CHECKED: DGD |

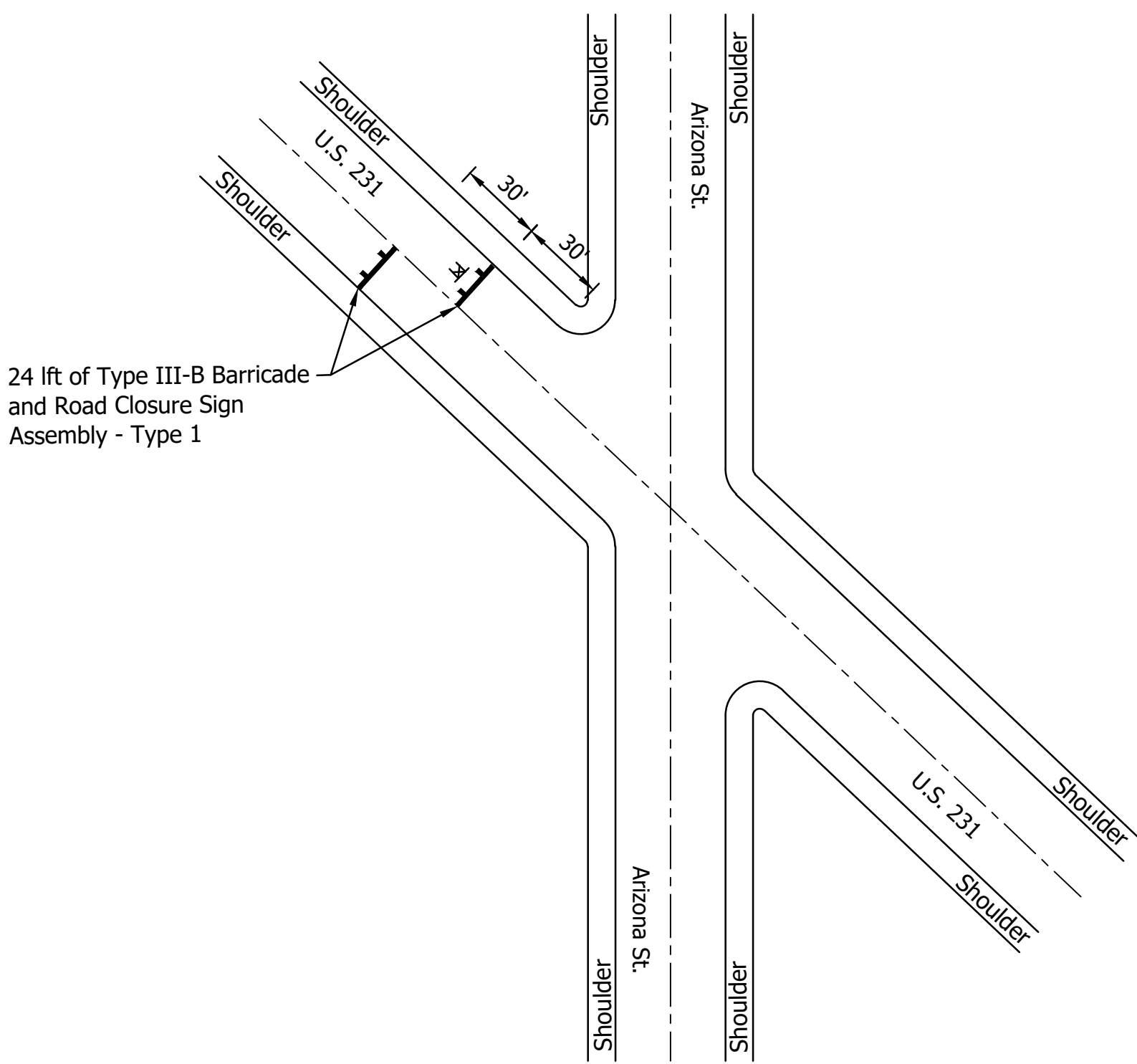
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| INDIANA<br>DEPARTMENT OF TRANSPORTATION             |  |
| MAINTENANCE OF TRAFFIC<br>GENERAL NOTES AND DETAILS |  |

|                       |                        |
|-----------------------|------------------------|
| SCALE<br>NOT TO SCALE | BRIDGE FILE            |
|                       | DESIGNATION<br>2003097 |
| SURVEY BOOK           | SHEETS<br>11 of 68     |
| CONTRACT<br>R-43925   | PROJECT<br>2003097     |

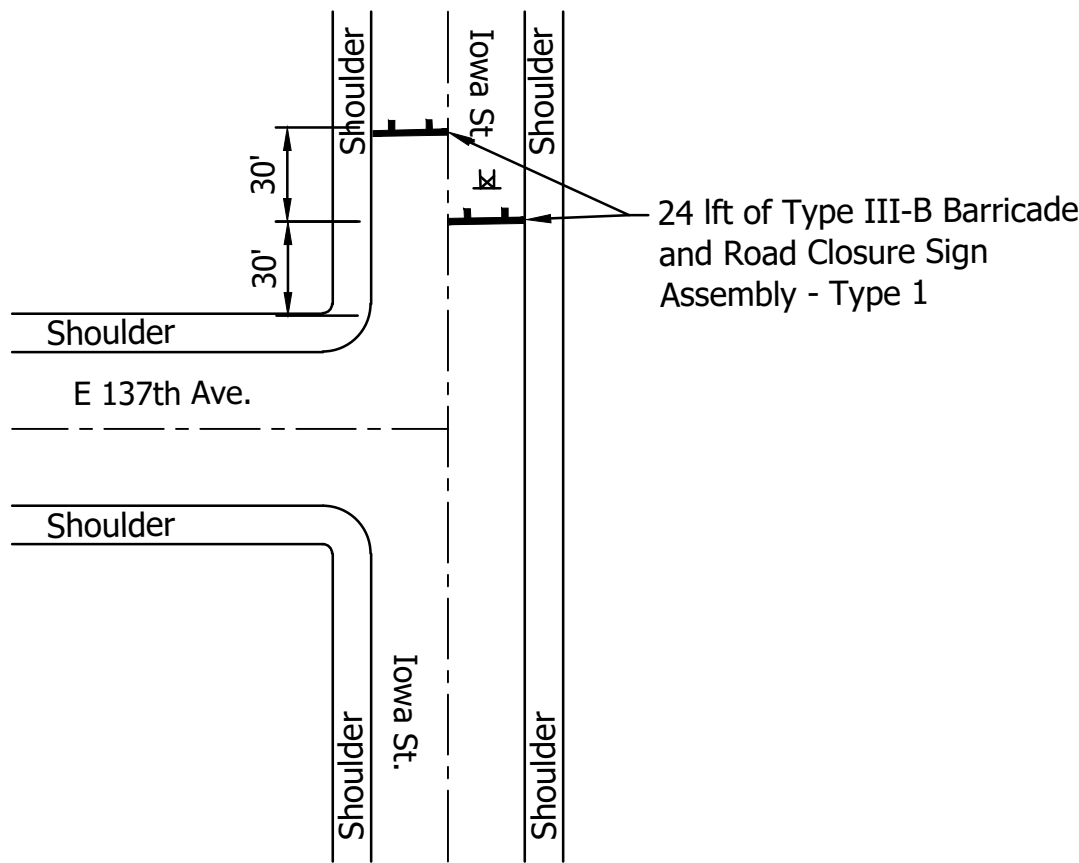
UDD -- 6/3/2025 8:56 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300MT\_DR03.dwg (NOT GEN. NOTES)



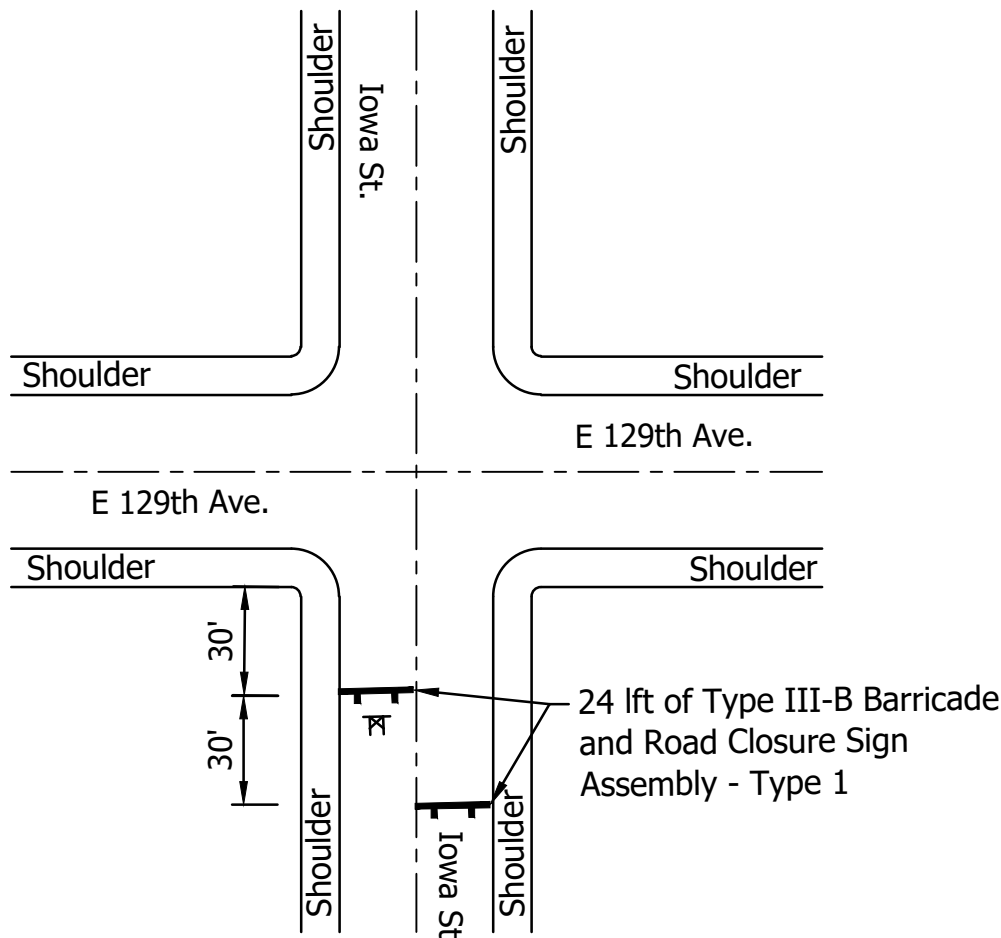
DETAIL D  
Not to Scale



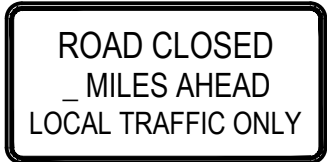
DETAIL E  
Not to Scale



DETAIL F  
Not to Scale



DETAIL G  
Not to Scale



R11-3  
60" x 30"

LEGEND:

-  Road Closure Assembly
-  Type III-B Barricade

ROAD CLOSURE SIGN ASSEMBLY - TYPE 1

NOT FOR  
CONSTRUCTION

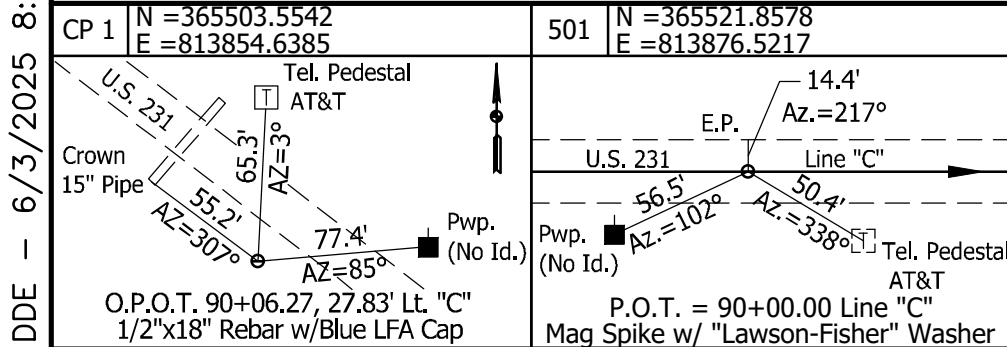
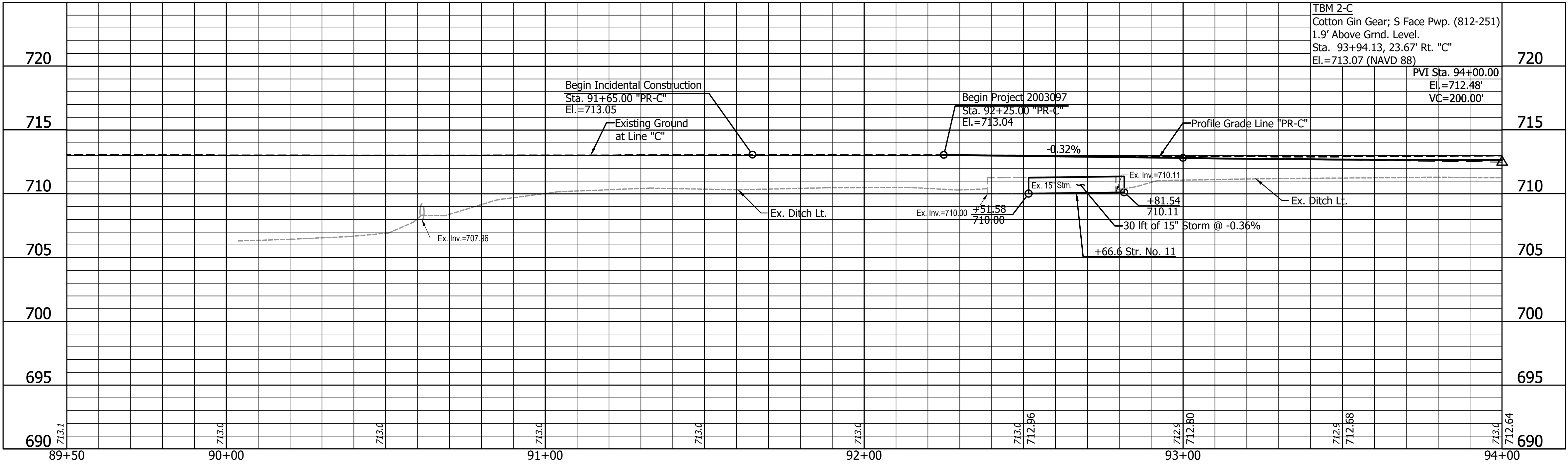
|                                   |              |
|-----------------------------------|--------------|
| RECOMMENDED<br>FOR APPROVAL _____ |              |
| DESIGNED: DJT                     | DRAWN: PJV   |
| CHECKED: DGD                      | CHECKED: DGD |

|                                         |  |
|-----------------------------------------|--|
| INDIANA<br>DEPARTMENT OF TRANSPORTATION |  |
| MAINTENANCE OF TRAFFIC<br>DETAILS       |  |

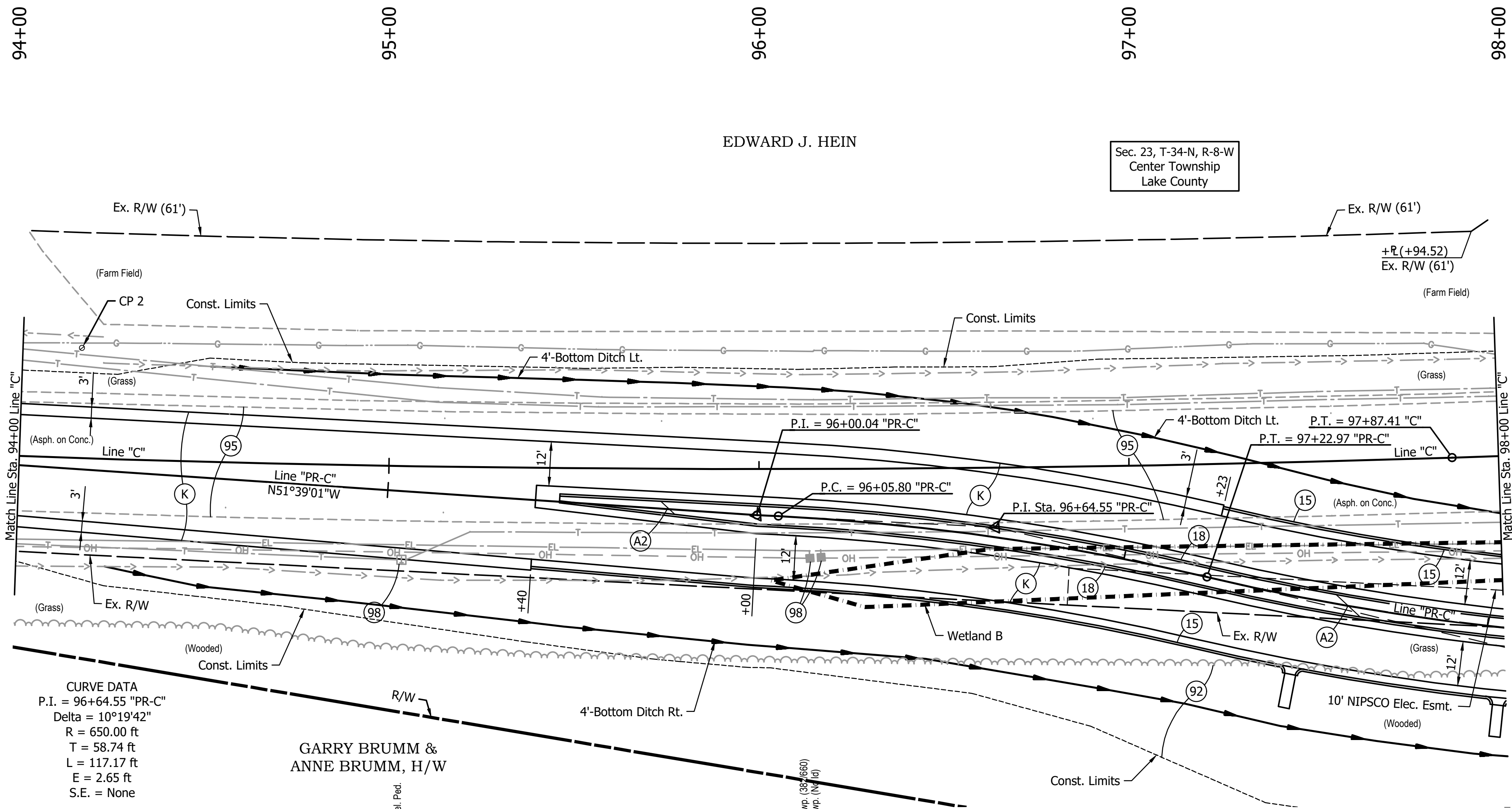
|                       |                        |
|-----------------------|------------------------|
| SCALE<br>NOT TO SCALE | BRIDGE FILE            |
|                       | DESIGNATION<br>2003097 |
| SURVEY BOOK           | SHEETS<br>12 of 68     |
| CONTRACT<br>R-43925   | PROJECT<br>2003097     |

DDE - 6/3/2025 8:55 AM - U:\2022\202223 INDOT US 231\Cod\Plan Set\Civil\222300TR\_PP01.dwg (P & P - LINE C)

| EARTHWORK BALANCE           |   |          |
|-----------------------------|---|----------|
| Line "PR-C"                 |   |          |
| Fill +25%                   | = | 3113 cys |
| Common Excavation           | = | 4357 cys |
| B-Borrow                    | = | 0 cys    |
| Waste                       | = | 1244 cys |
| * Excludes Pavement Removal |   |          |

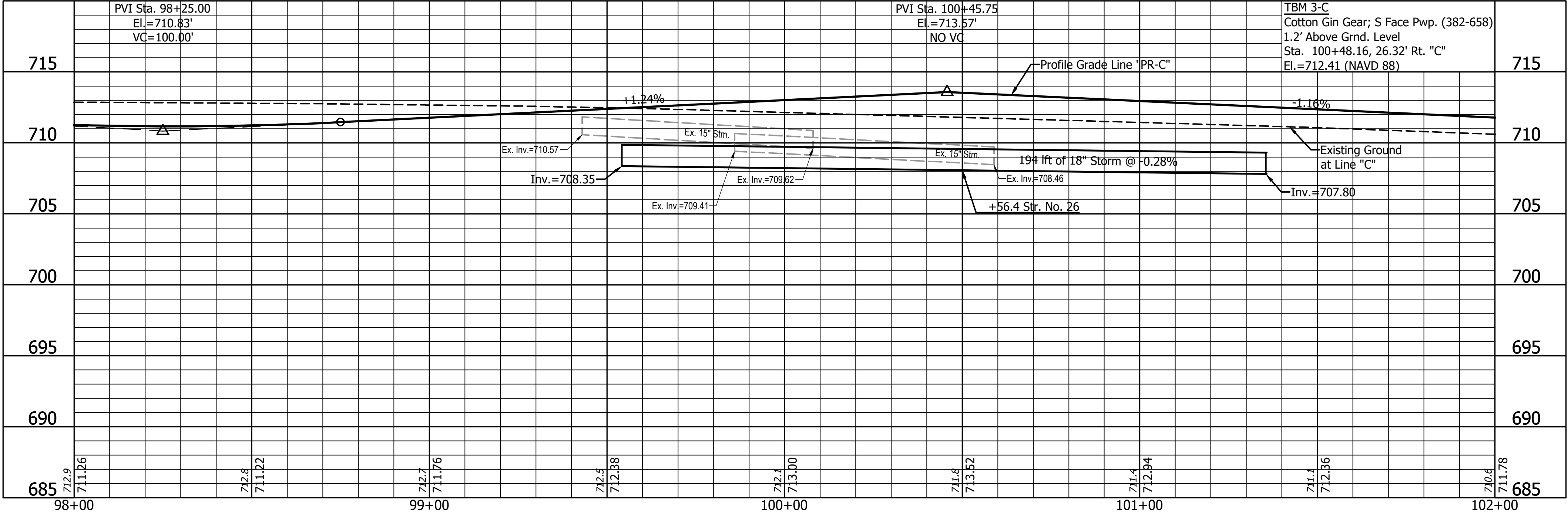


DDE - 6/3/2025 8:55 AM - U:\2022\202223 INDOT US 231\Cod\Plan Set\Civil\222300TR\_PP02.dwg (P & P - LINE C)





JDD -- 6/3/2025 8:56 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PRO3.dwg (PROFILE -- LINE C)



NOT FOR  
CONSTRUCTION

|                                                           |              |
|-----------------------------------------------------------|--------------|
| RECOMMENDED<br>FOR APPROVAL _____<br>DESIGN ENGINEER DATE |              |
| DESIGNED: DJT                                             | DRAWN: GDH   |
| CHECKED: DGD                                              | CHECKED: DGD |

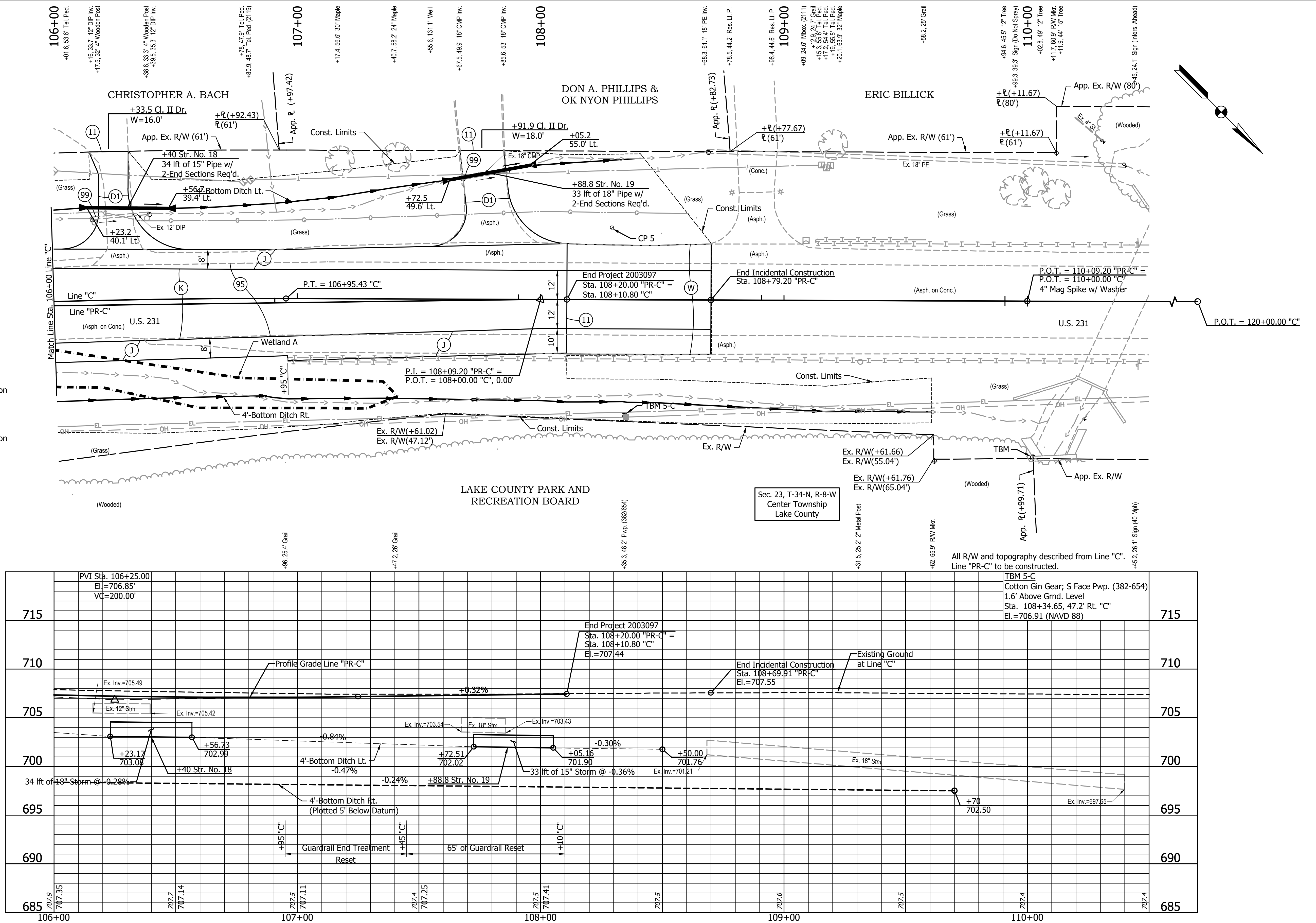
|                                                 |  |
|-------------------------------------------------|--|
| INDIANA<br>DEPARTMENT OF TRANSPORTATION         |  |
| PROFILE - LINE "C"<br>STA. 98+00 TO STA. 102+00 |  |

|                              |                        |  |
|------------------------------|------------------------|--|
| HORIZONTAL SCALE<br>1" = 20' | BRIDGE FILE            |  |
| VERTICAL SCALE<br>1" = 5'    | DESIGNATION<br>2003097 |  |
| SURVEY BOOK                  | SHEETS<br>16 of 68     |  |
| CONTRACT<br>R-43925          | PROJECT<br>2003097     |  |



LEGEND:

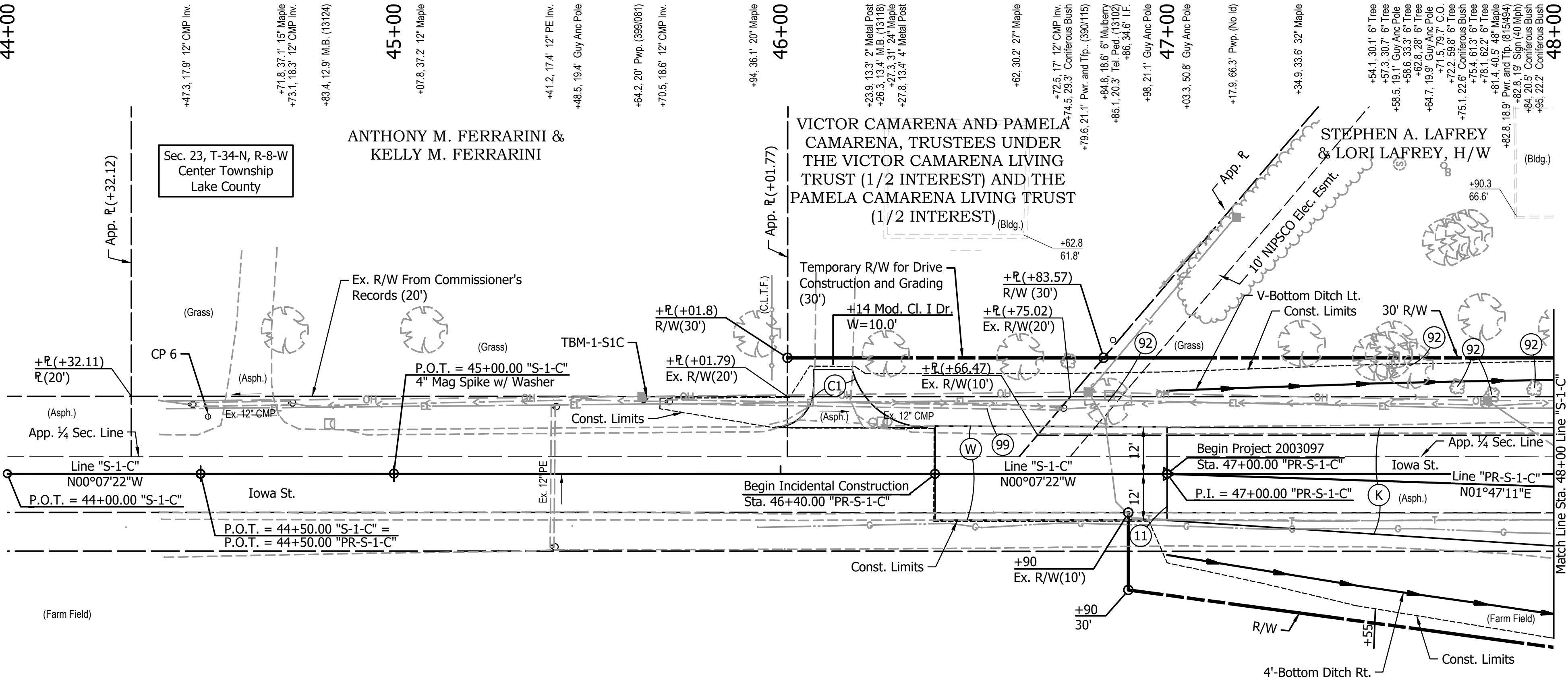
- (D1) HMA for Approaches, Type B  
165 #/sys HMA Surface, Type B, on  
275 #/sys HMA Intermediate, Type B, on  
6" Compacted Aggregate, No. 53 on  
Subgrade Treatment, Type II, on
- (J) 165 #/sys QC/QA-HMA, 3, 70, Surface, 9.5 mm on  
275 #/sys QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on  
660 #/sys QC/QA-HMA, 3, 64, Base, 25.0 mm on  
Subgrade Treatment, Type IBC
- (K) 165 #/sys QC/QA-HMA, 3, 70, Surface, 9.5 mm on  
275 #/sys QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on  
660 #/sys QC/QA-HMA, 3, 64, Base, 25.0 mm on  
Subgrade Treatment, Type IBC
- (W) 165 #/sys QC/QA-HMA, 3, 70, Surface, 9.5 mm on  
Transition Milling
- (11) Saw Cut
- (95) Pavement Removal
- (99) Remove



C:\Users\GDH\OneDrive\Documents\2022\202223\INDOT US 231\Cod\Plan Set\Civil\222300TR\_PP06.dwg (P & P - LINE S-1-C)

6/3/2025 8:56 AM - U:\2022\202223\INDOT US 231\Cod\Plan Set\Civil\222300TR\_PP06.dwg (P & P - LINE S-1-C)

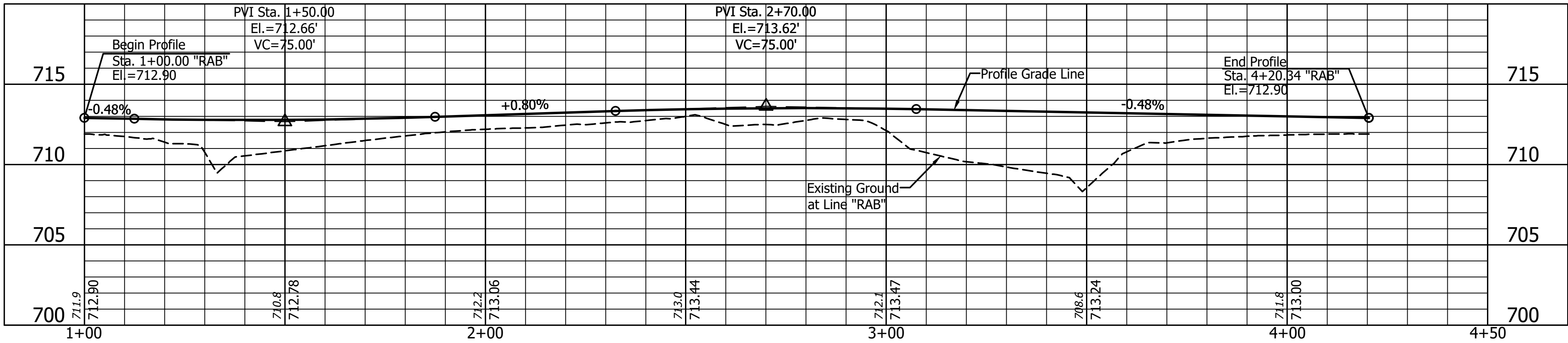
| EARTHWORK BALANCE           |   |          |
|-----------------------------|---|----------|
| Line "PR-S-1-C"             |   |          |
| Fill +25%                   | = | 335 cys  |
| Common Excavation           | = | 1029 cys |
| B-Borrow                    | = | 0 cys    |
| Waste                       | = | 694 cys  |
| * Excludes Pavement Removal |   |          |





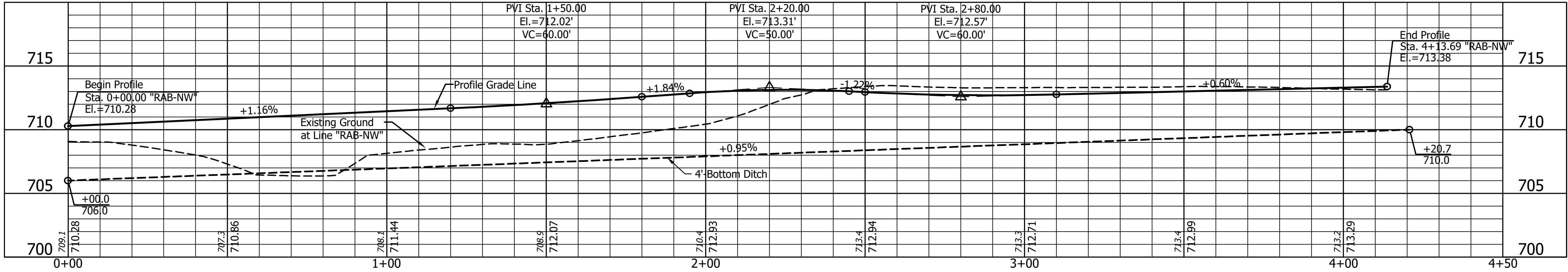


JDD - 6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PFO1.dwg (RAB PROFILES 02)

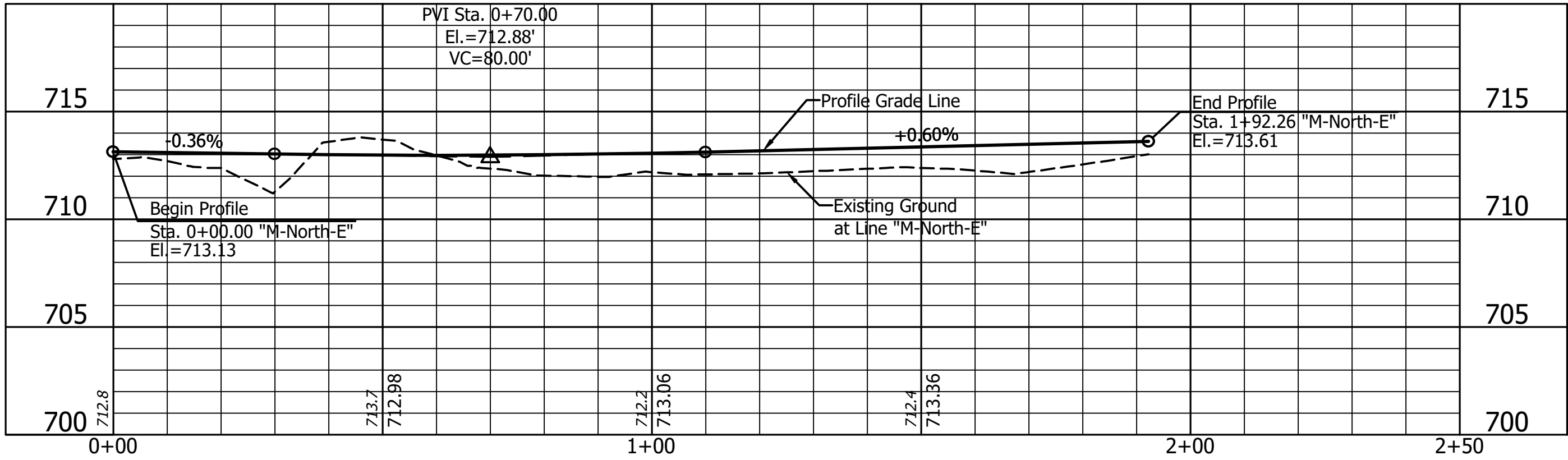


PROFILE - LINE "RAB"  
Sta. 1+00.00 to Sta. 4+50.00

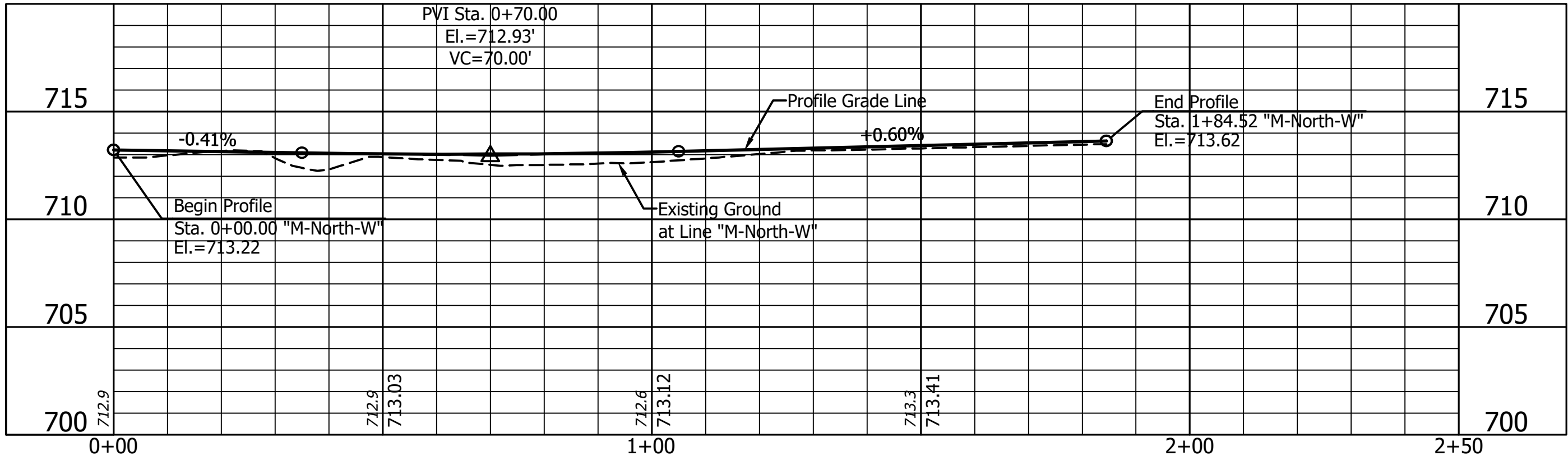
JDD - 6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PFO1.dwg (222300TR\_PFO1 - RAB PROFILES2)



JDD -- 6/3/2025 8:56 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PFO1.dwg (RAB PROFILES 03)

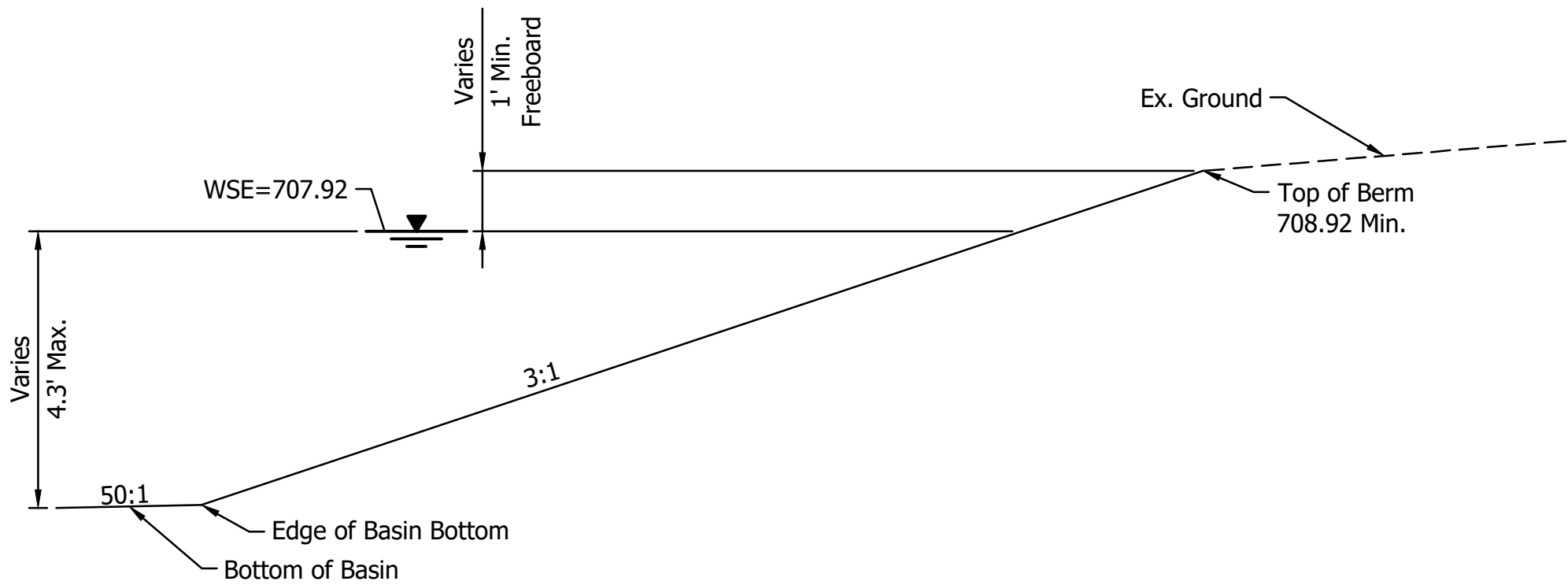


PROFILE - LINE "M-North-E"  
Sta. 0+00.00 to Sta. 2+50.00

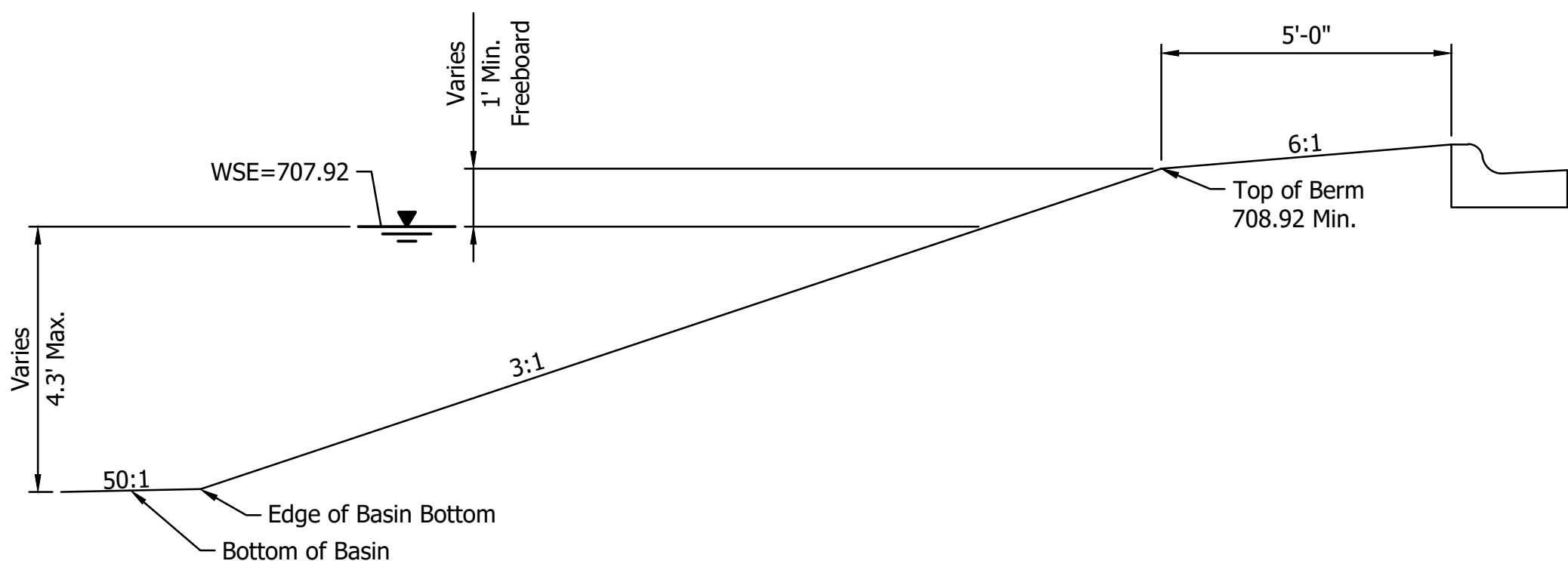




DJT -- 6/3/2025 8:57 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_GP01.dwg (BASIN SECTIONS)

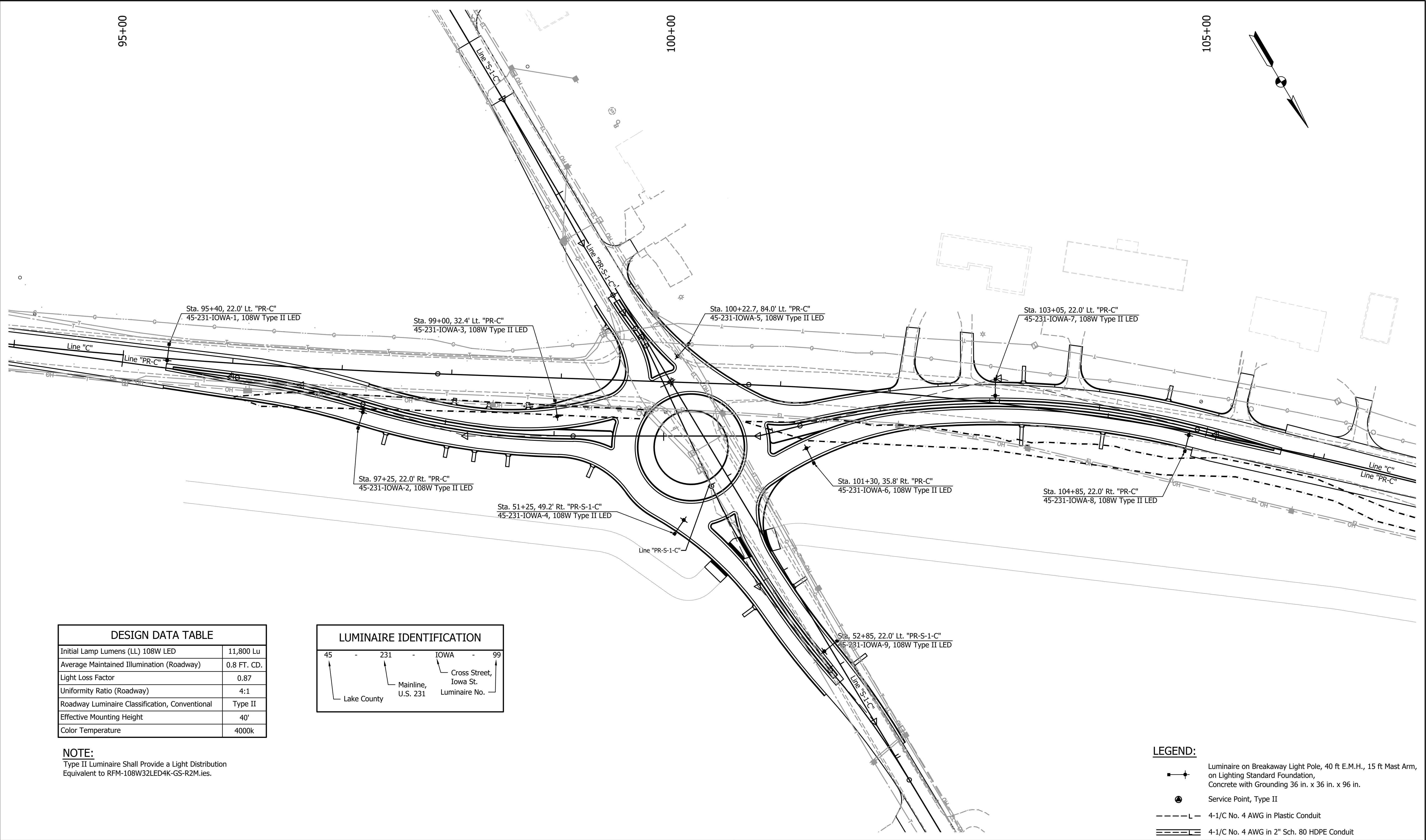


SECTION A-A  
Not to Scale

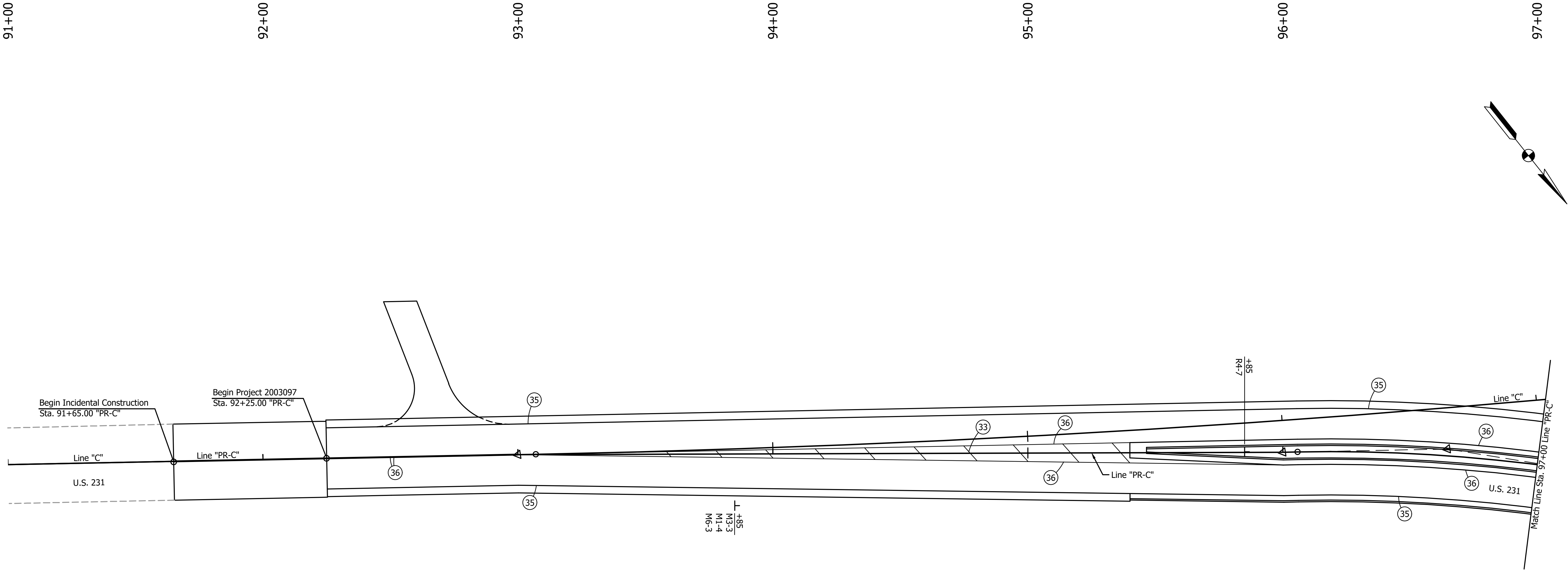




GDH - 6/3/2025 8:58 AM - U:\2022\202223 INDOT US 231\Cod\Plan Set\Civil\222300LT\_PL1.dwg (LIGHTING PLAN)



FTP -- 6/3/2025 8:58 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300PM\_PL01.dwg (P\MT. MRKG. 01 -- PR-C)



M1-4  
30" x 24"



M3-3  
24" x 12"



&lt;



FTP -- 6/3/2025 8:58 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300PM\_PL01.dwg (P\MT: MRKG. 03 -- PR-C)



M1-4  
30" x 24"

NORTH

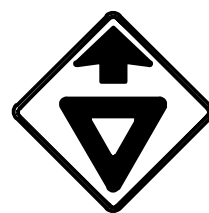
M3-1  
24" x 12"



M6-3  
21" x 15"



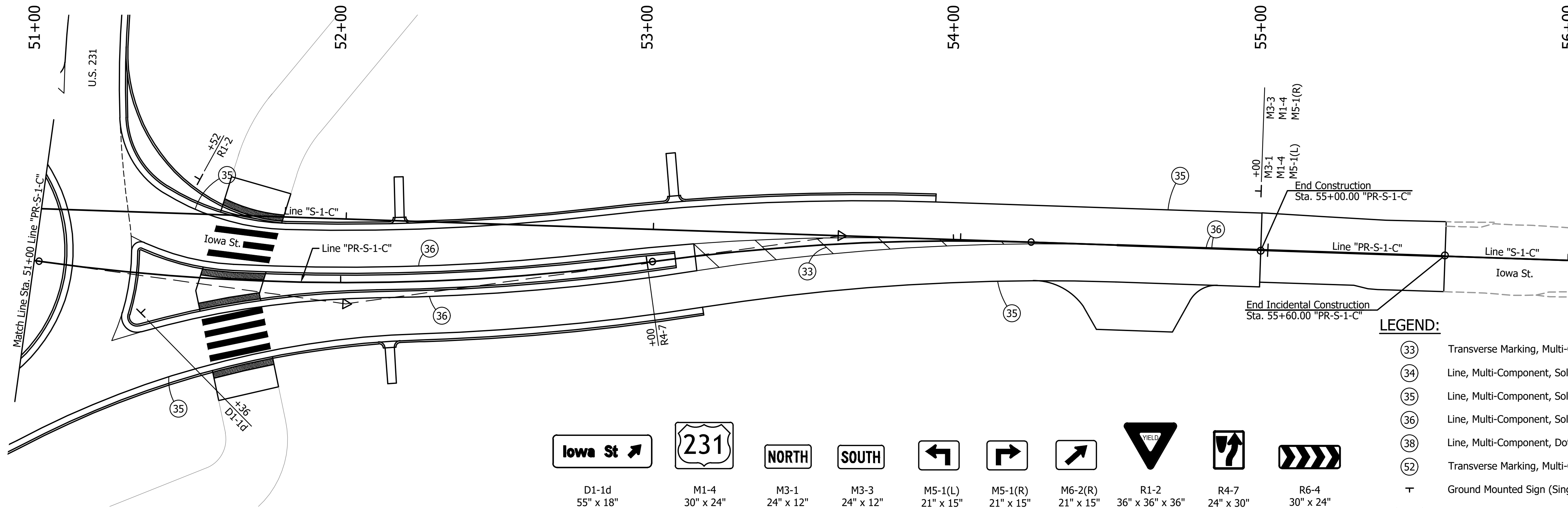
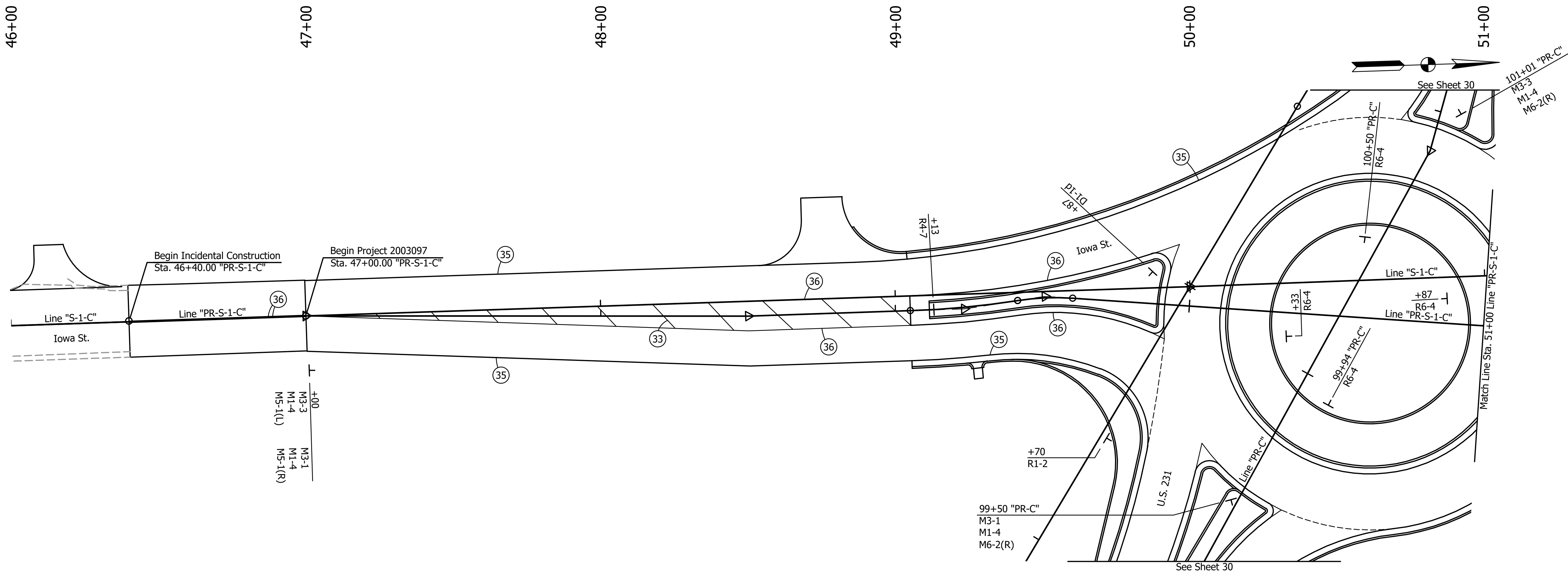
R4-7  
24" x 30"



W3-2  
30" x 30"

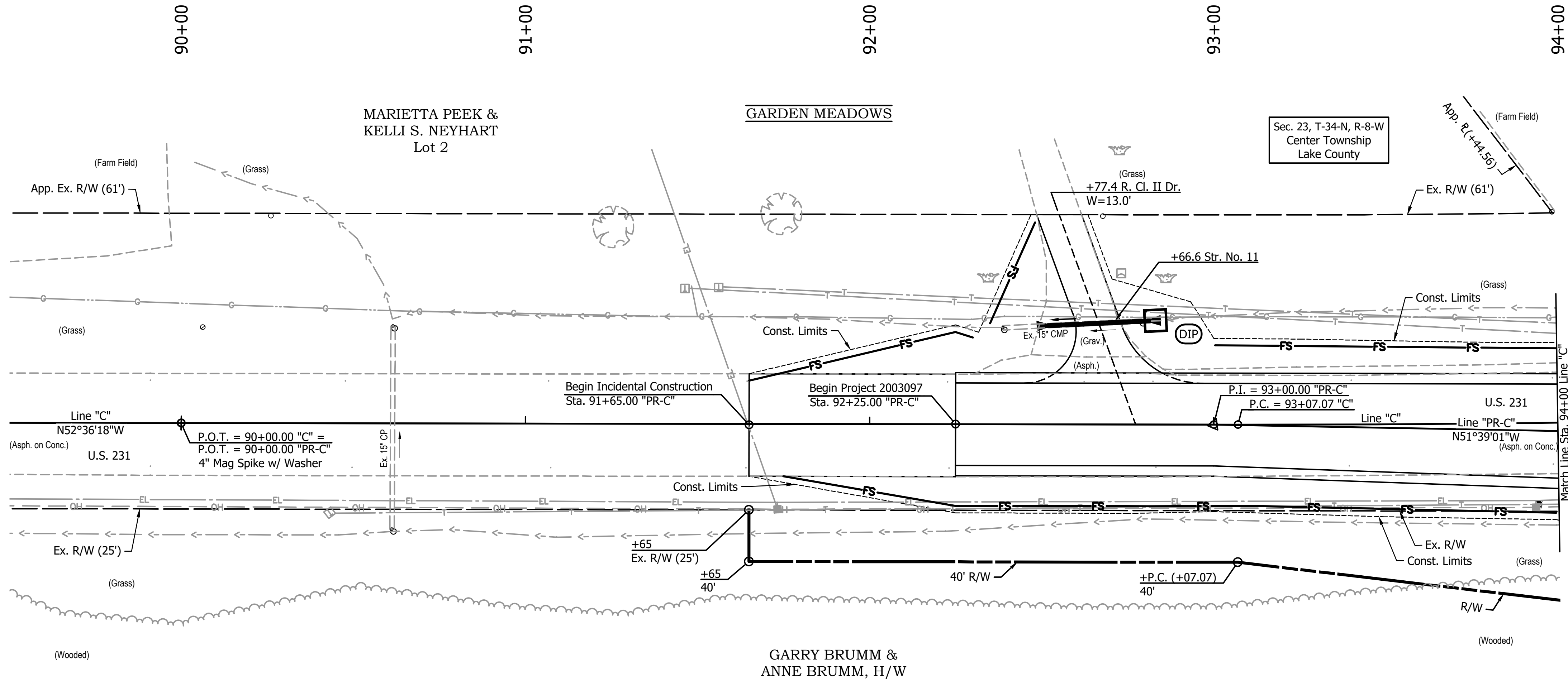
LEGEND:

6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300PM\_PL02.dwg (PVMT. MRKG. 04 - PR-S-1-C)



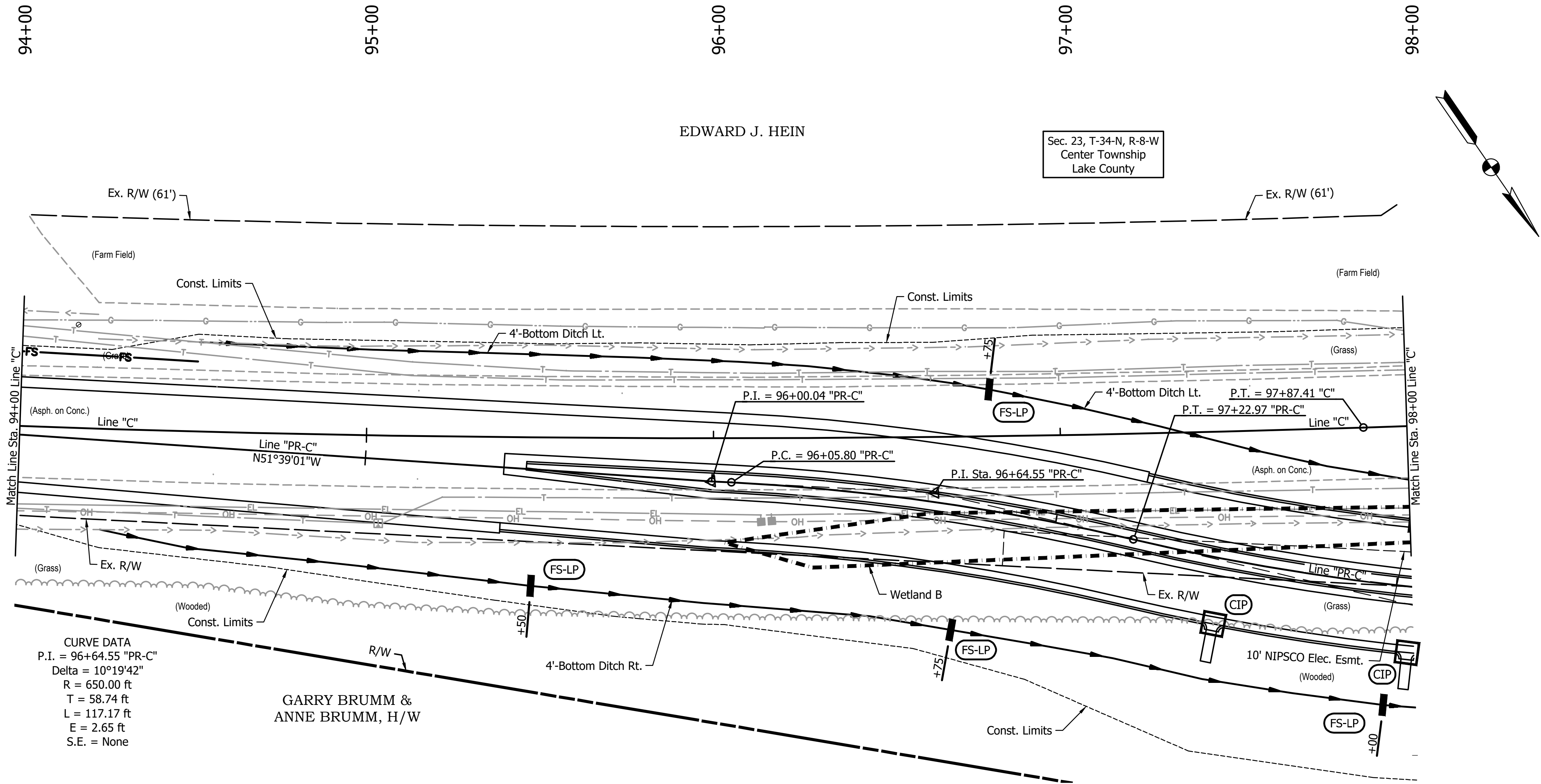
Iowa St

DDE - 6/3/2025 8:55 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PP01.dwg (EC - LINE C)



| EROSION CONTROL SUMMARY TABLE |                 |
|-------------------------------|-----------------|
| TEMPORARY SEEDING             | TEMPORARY MULCH |
| LBS                           | TON             |
| 640                           | 11              |

DDE - 6/3/2025 8:57 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PP02.dwg (EC - LINE C)



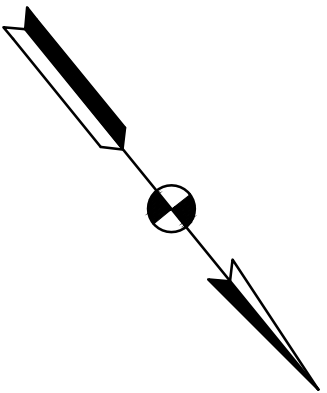
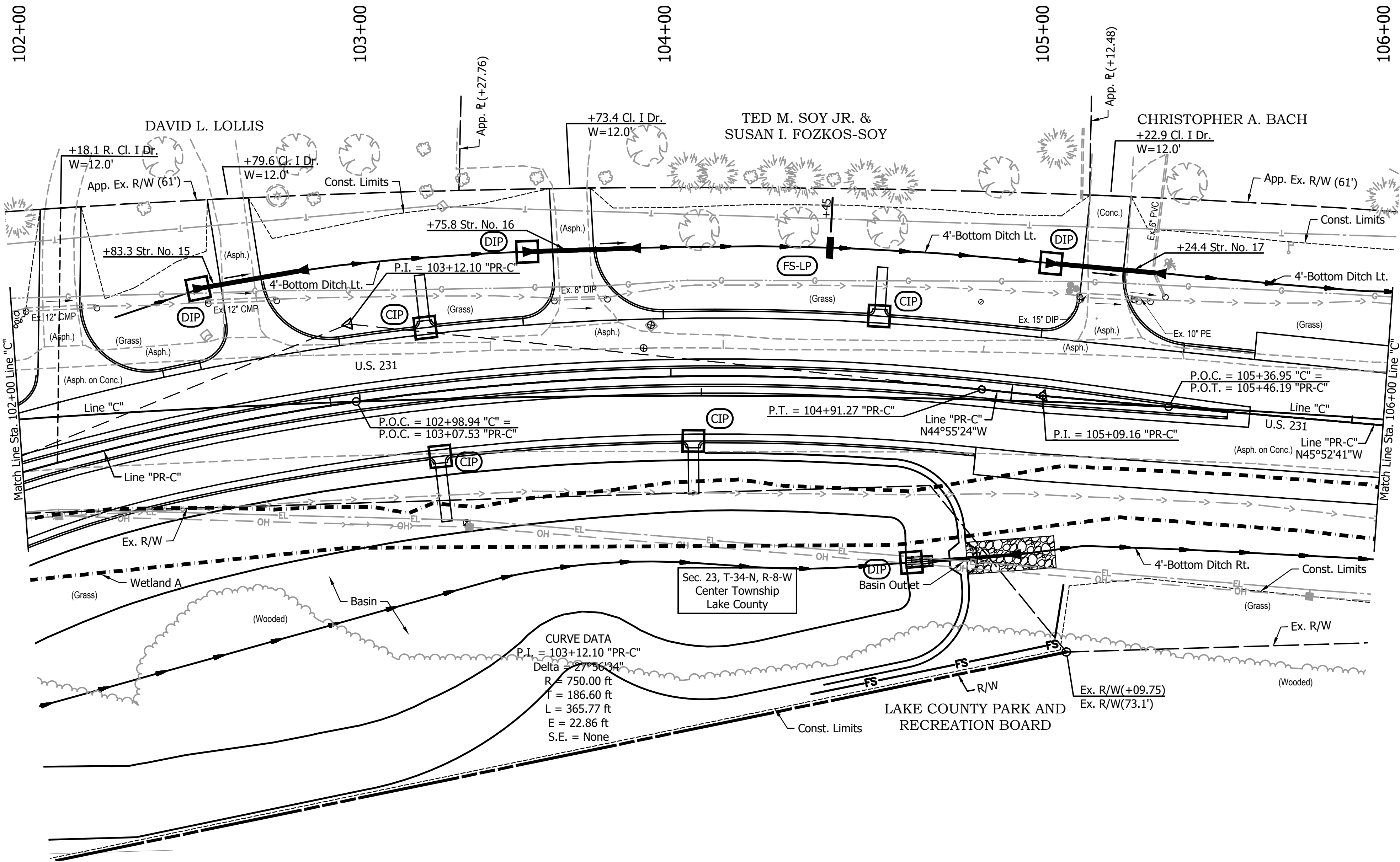
CURVE DATA  
P.I. = 96+64.55 "PR-C"  
Delta = 10°19'42"  
R = 650.00 ft  
T = 58.74 ft  
L = 117.17 ft  
E = 2.65 ft  
S.E. = None

GARRY BRUMM &  
ANNE BRUMM, H/W

LEGEND:



D:\J - 6/3/2025 8:57 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PP04.dwg (EC - LINE C)

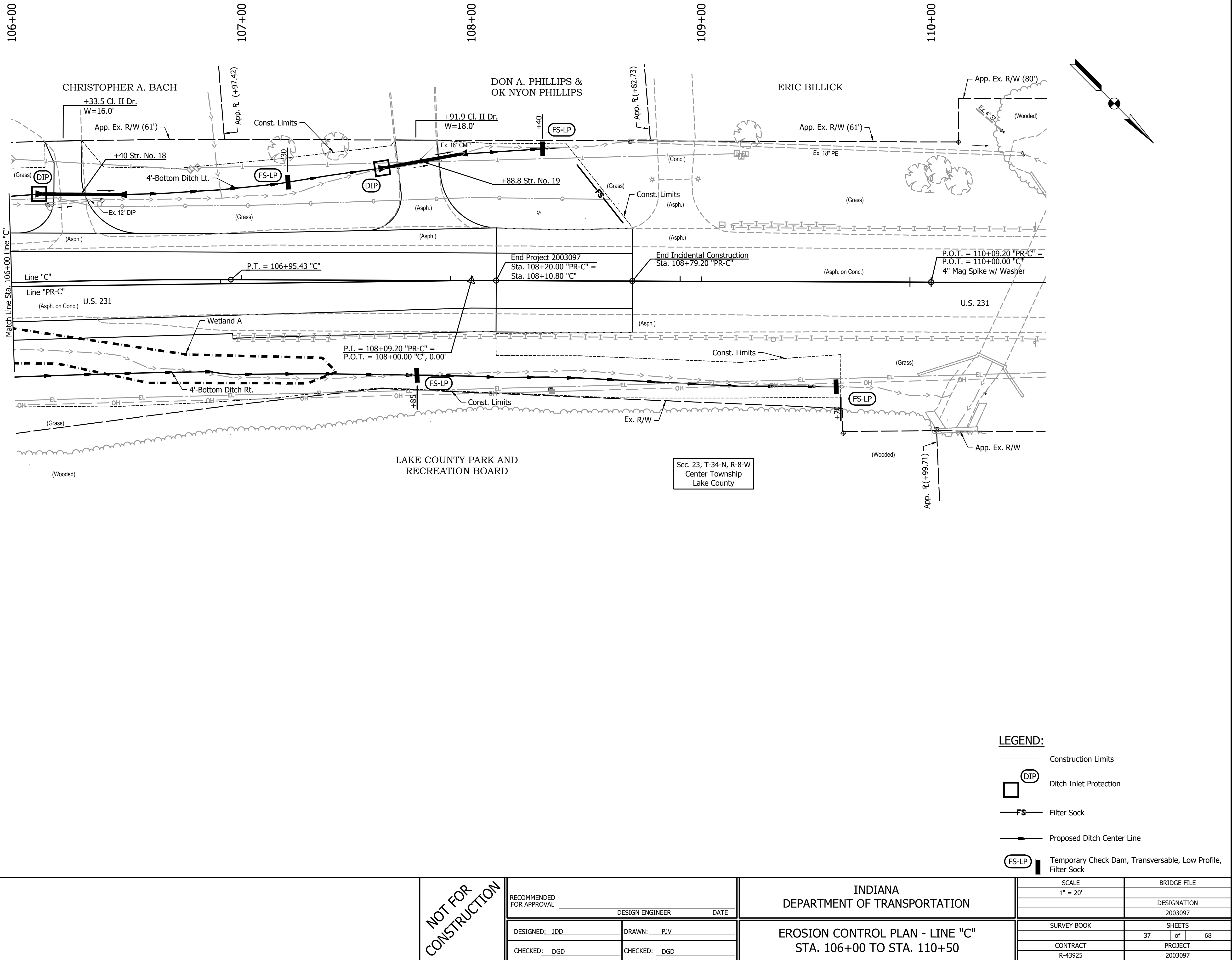


**LEGEND:**

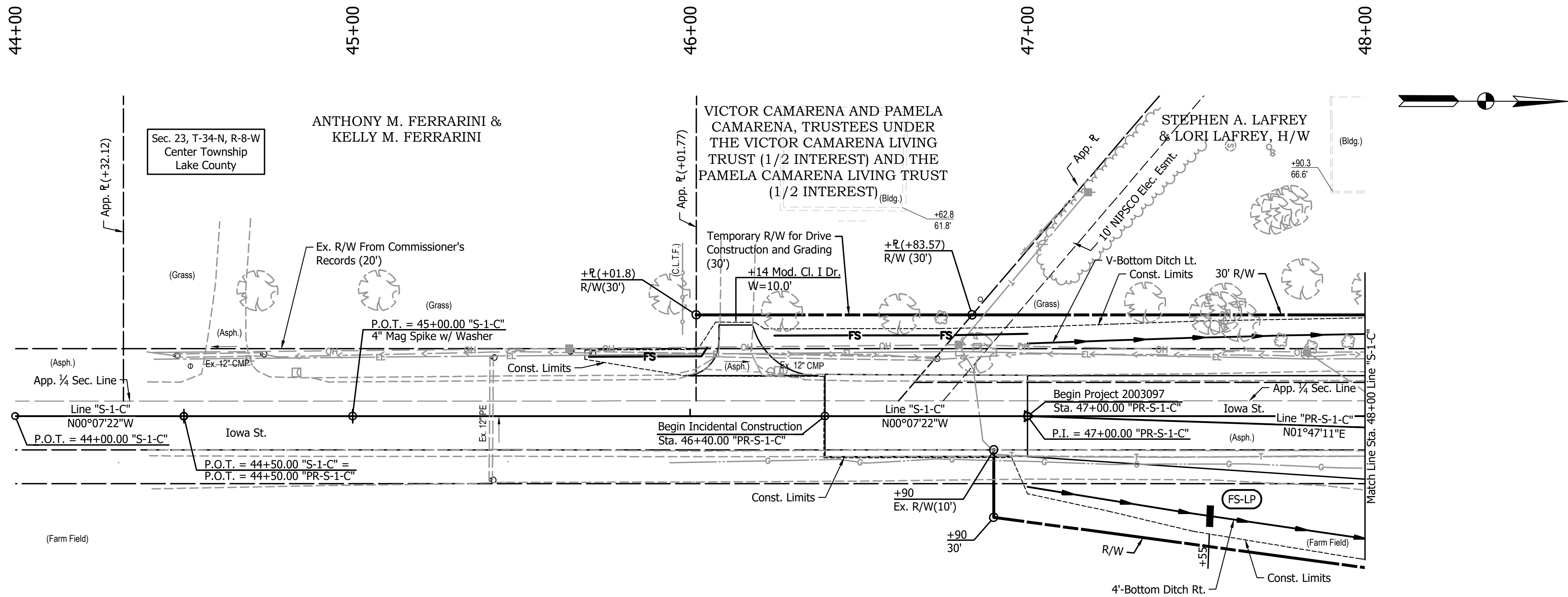
- Construction Limits
- CIP Curb Inlet Protection
- DIP Ditch Inlet Protection
- FS Filter Sock
- Proposed Ditch Center Line
- FS-LP Temporary Check Dam, Transversable, Low Profile, Filter Sock

NOT FOR  
CONSTRUCTION

DDE -- 6/3/2025 8:56 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PP05.dwg (EC - LINE C)



CDH - 6/3/2025 8:55 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PP06.dwg (EC - LINE S-1-C)

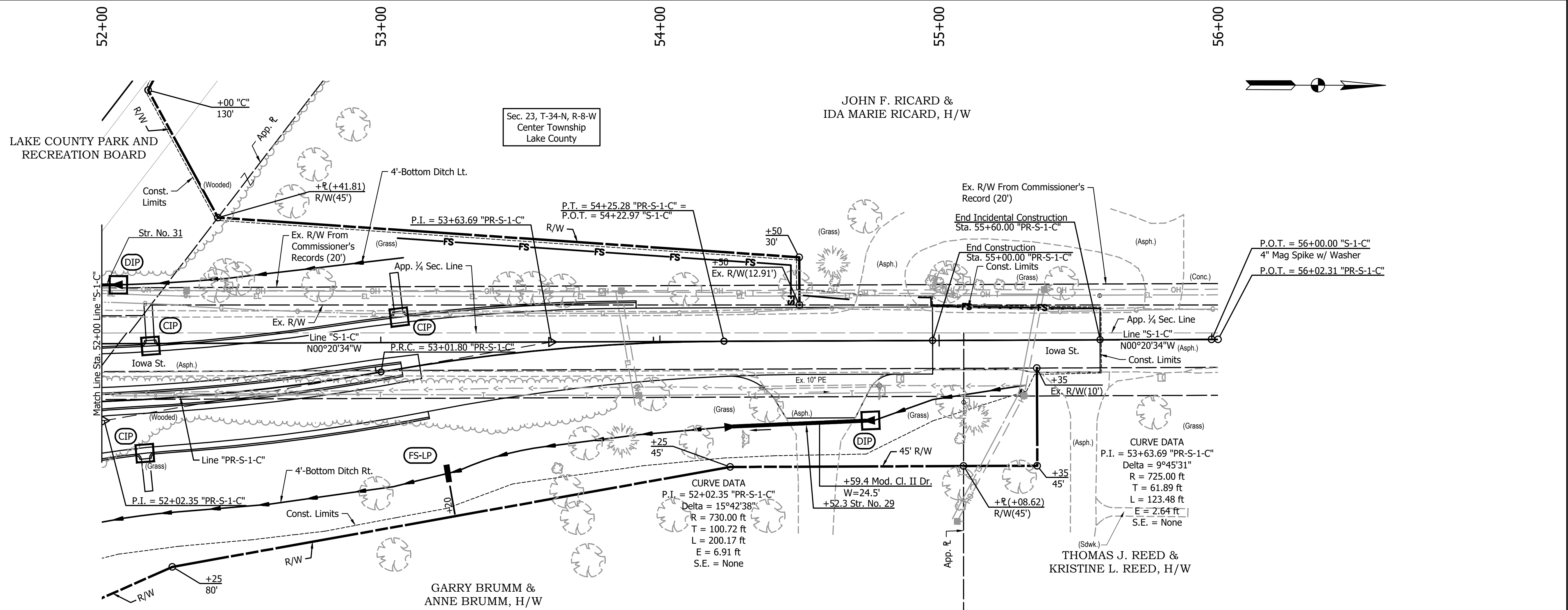


EDWARD J. HEIN

- LEG**



GDH - 6/3/2025 8:55 AM - U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TR\_PP08.dwg (EC - LINE S-1-C)



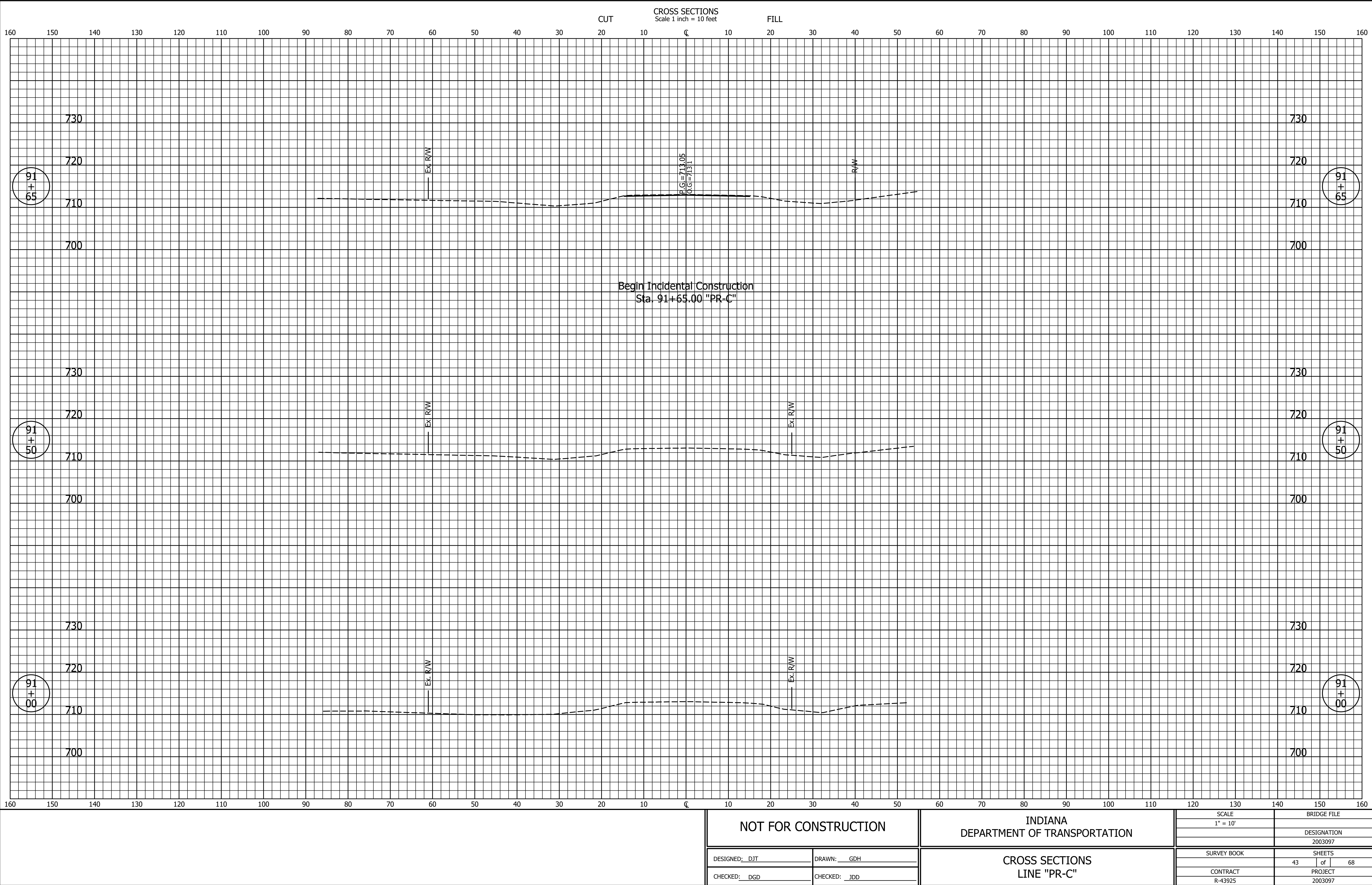
GDH - 6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Cod\Plan Set\Civil\222300TB\_AP.dwg (APPR. TABLE)

| PAVEMENT QUANTITIES AND APPROACH TABLE |                                         |       |        |      |                          |                         |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------|-----------------------------------------|-------|--------|------|--------------------------|-------------------------|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| LOCATION                               | DESCRIPTION<br>(APPROACH TYPE OR CLASS) | WIDTH | LENGTH | RADI | DISTANCE BEYOND R/W LINE | SURFACE BEYOND R/W LINE |  |  |  | GRADE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

DJT -- 6/3/2025 8:55 AM -- U:\2022\202223 INDOT US 231\Cad\Plan Set\Civil\222300TB\_SD.dwg (STR: DATA TABLE)

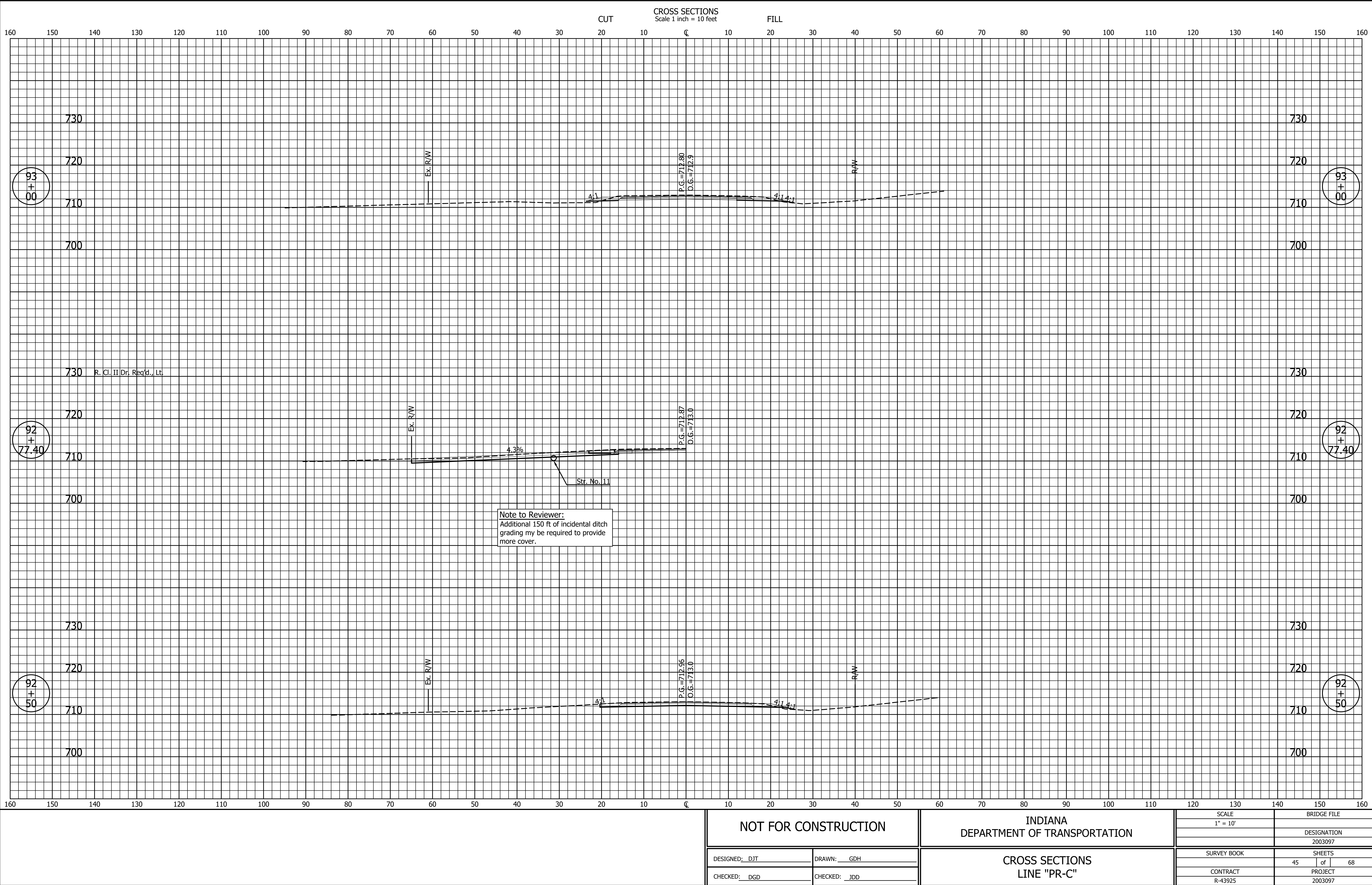
| STRUCTURE DATA      |          |  |  |  |      |             |  |        |                               |      |           |  |  |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|----------|--|--|--|------|-------------|--|--------|-------------------------------|------|-----------|--|--|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| STRUCTURE<br>NUMBER | LOCATION |  |  |  | SIZE | DESCRIPTION |  | LENGTH | VIDEO<br>INSPECTION<br>LENGTH | SKEW | FLOW LINE |  |  | SERVICE LIFE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

FTP - 6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Coa\C30\Design Files\222300D\_CO.dwg (XS\_1\_PR-C)

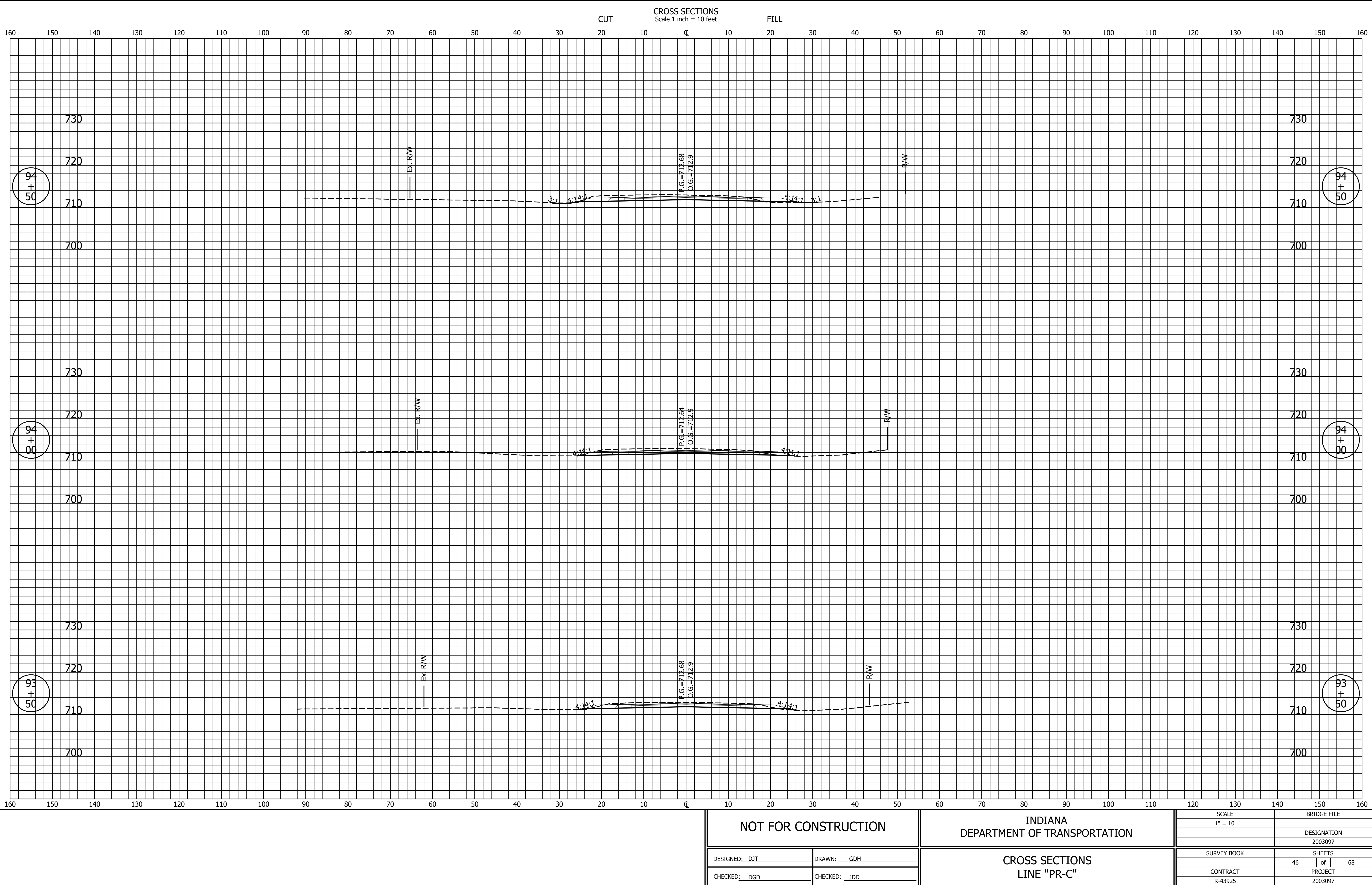




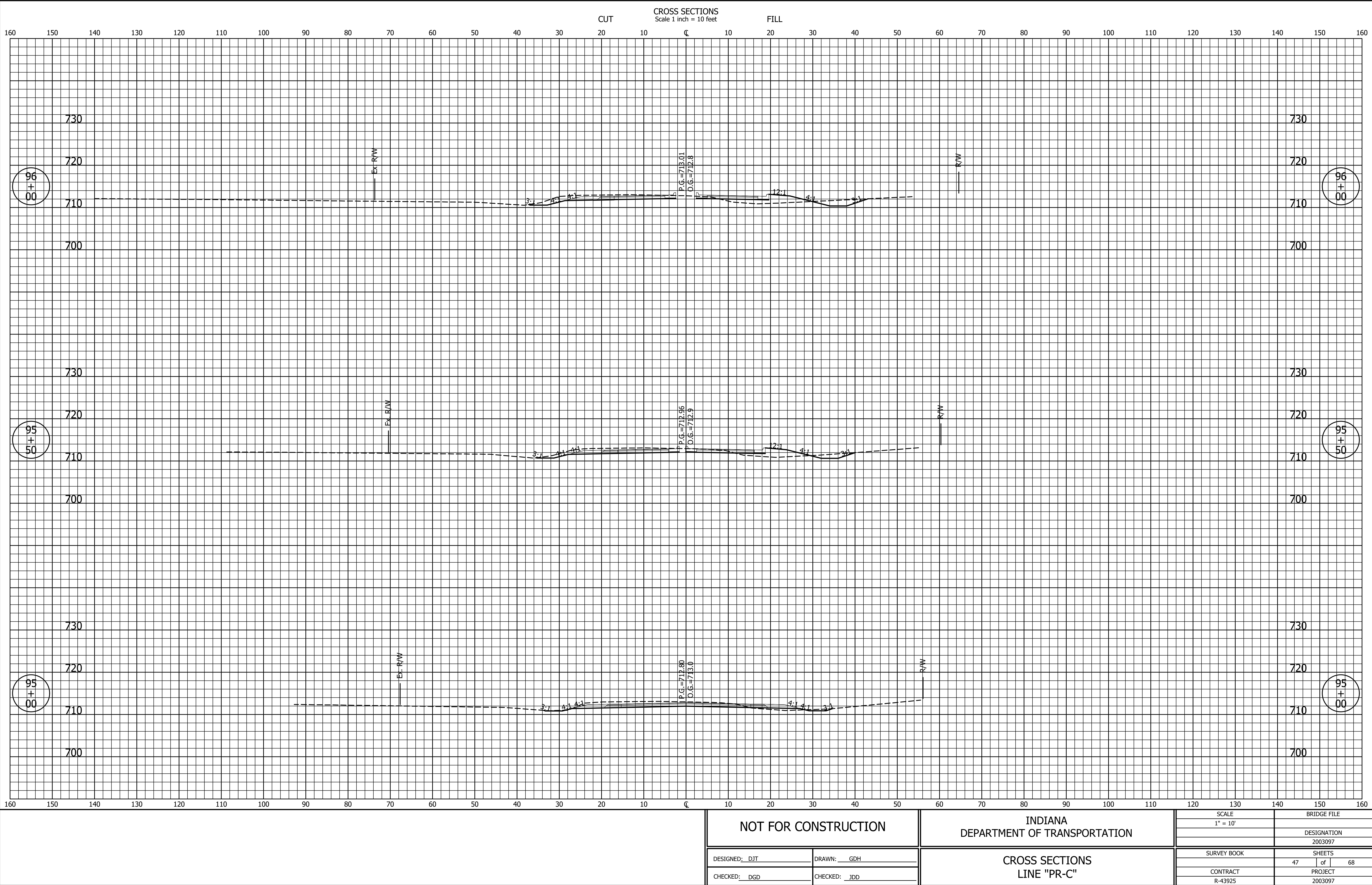
FTP - 6/3/2025 8:58 AM - U:\2022\202223 INDOT US 231\Coa\C30\Design Files\222300D\_CO.dwg (XS\_3\_PR-C)



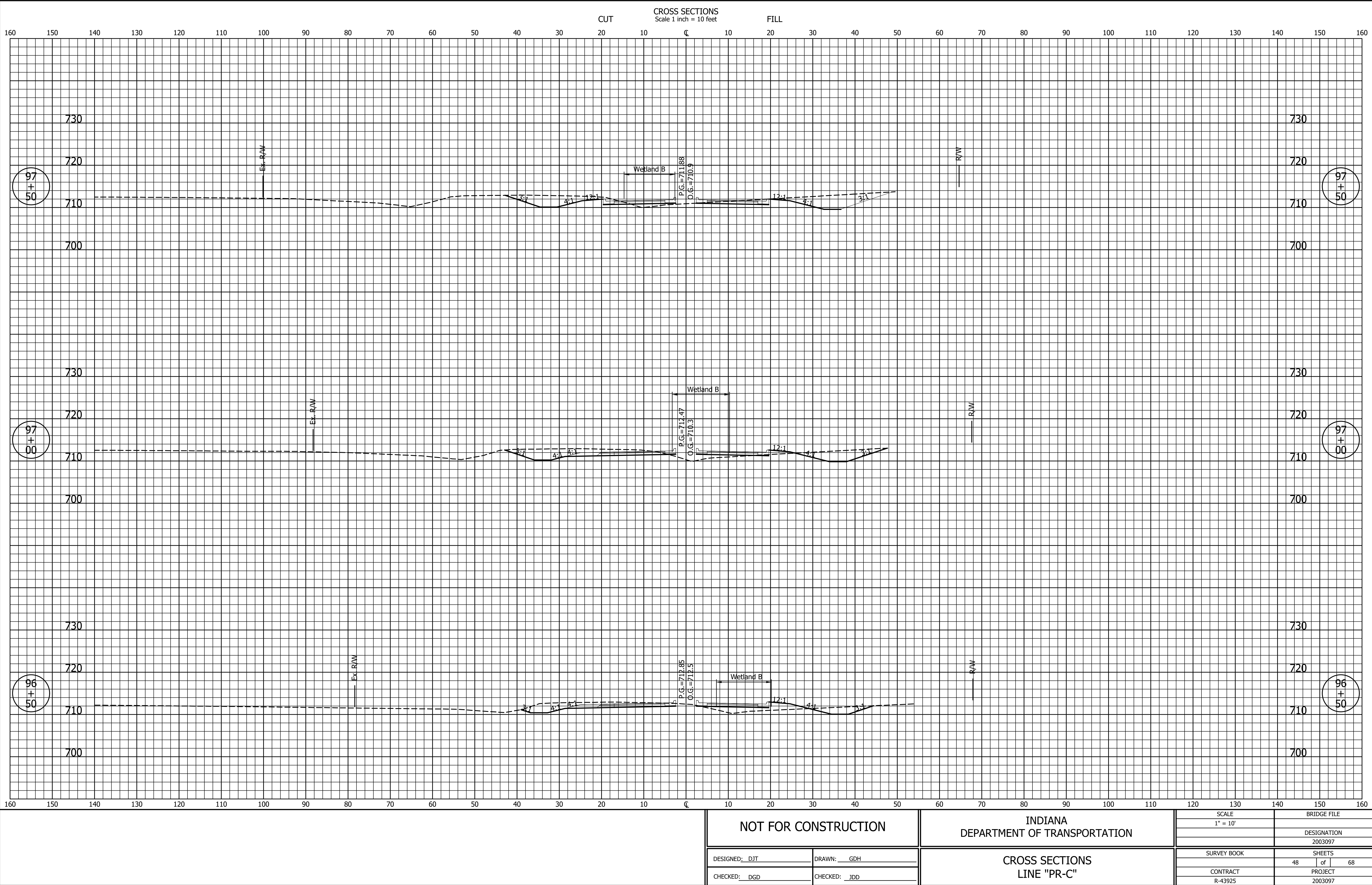
FTP - 6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Cad\C3D\Design Files\222300D\_CO.dwg (XS\_4\_PR-C)



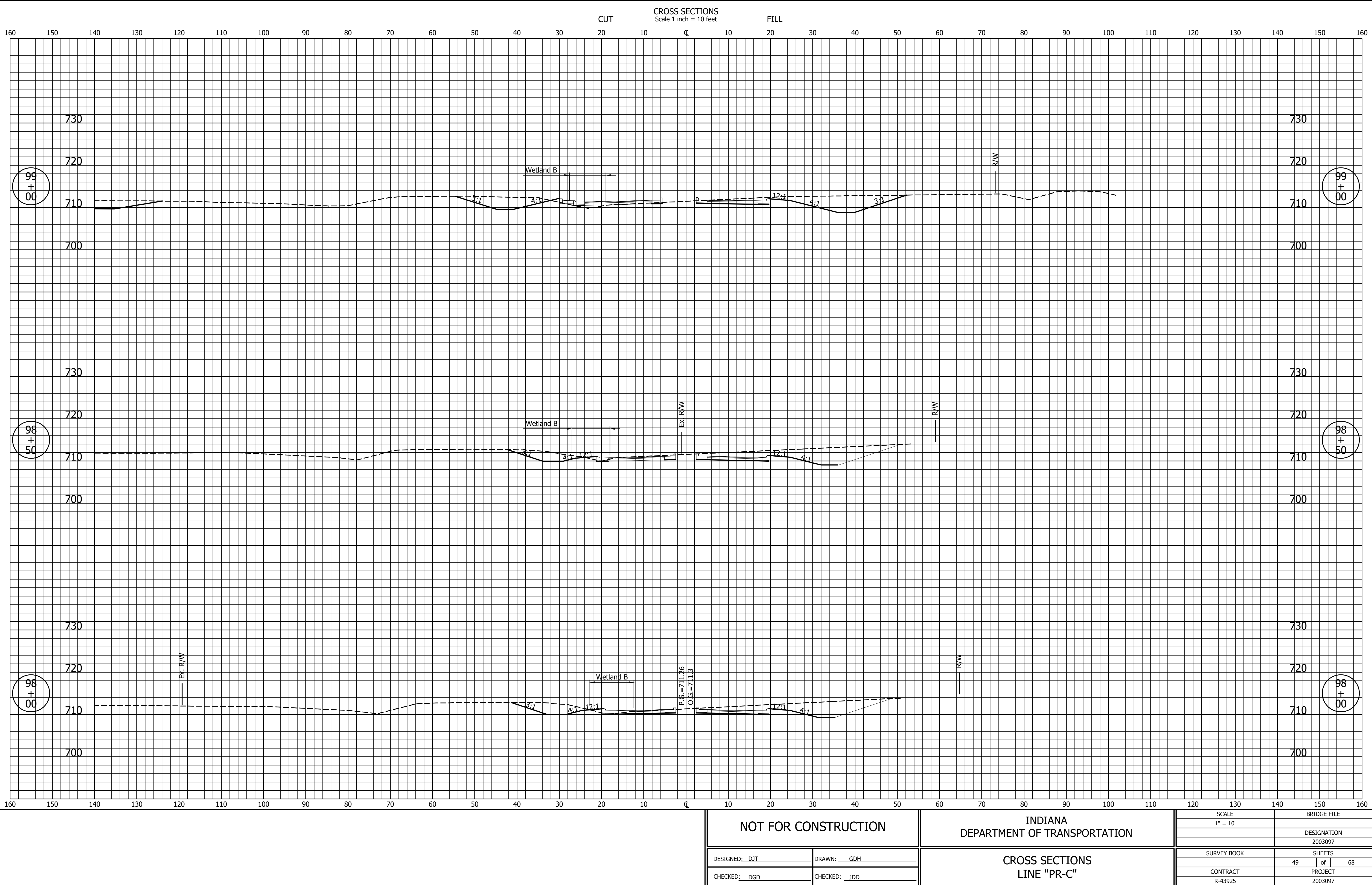
FTP - 6/3/2025 8:59 AM - U:\2022\202223 INDOT US 231\Cad\C3D\Design Files\222300D\_CO.dwg (XS\_5\_PR-C)



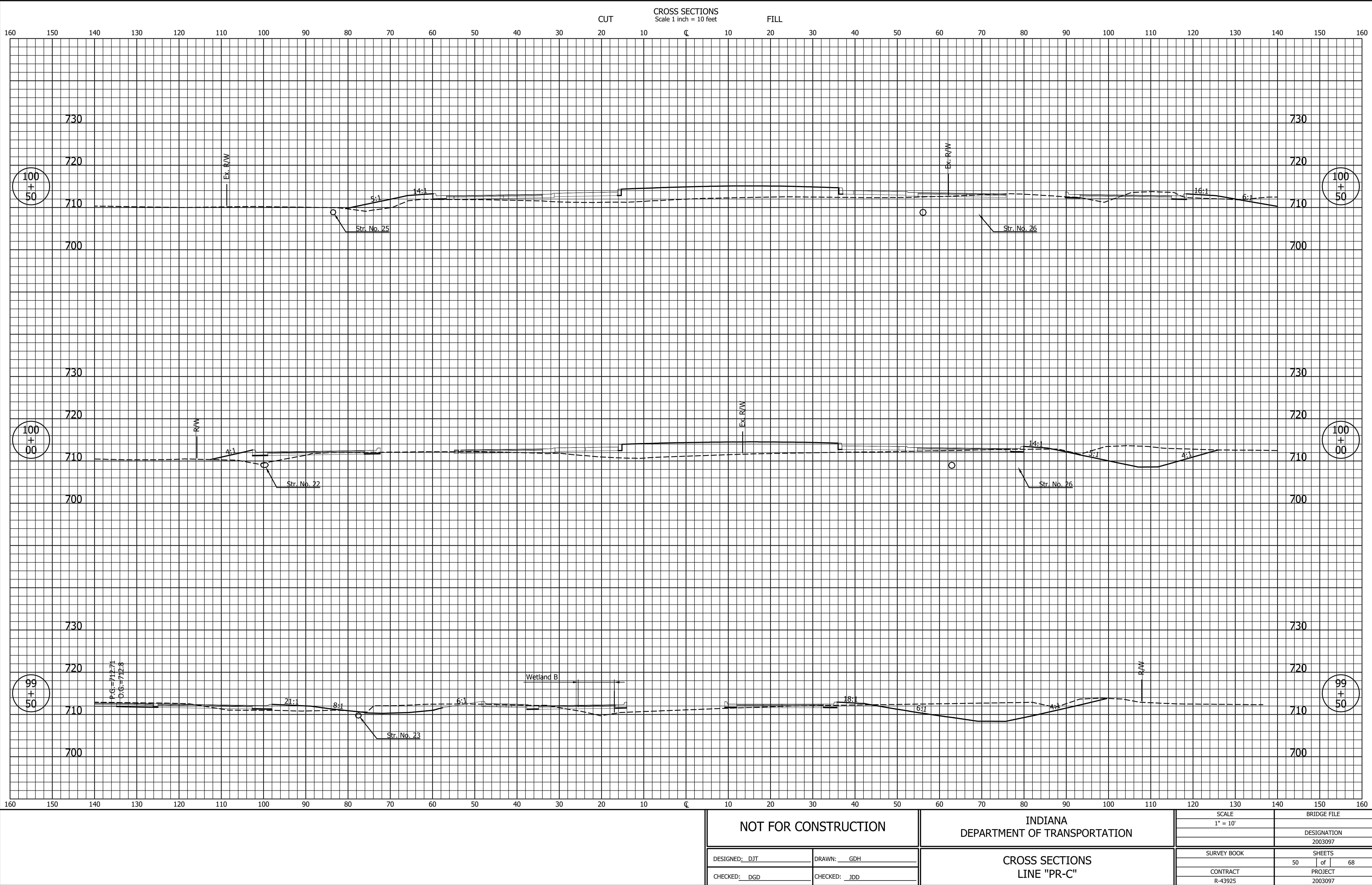
FTP - 6/3/2025 8:55 AM - U:\2022\202223 INDOT US 231\Coa\C3D\Design Files\222300D\_CO.dwg (XS\_6\_PR-C)



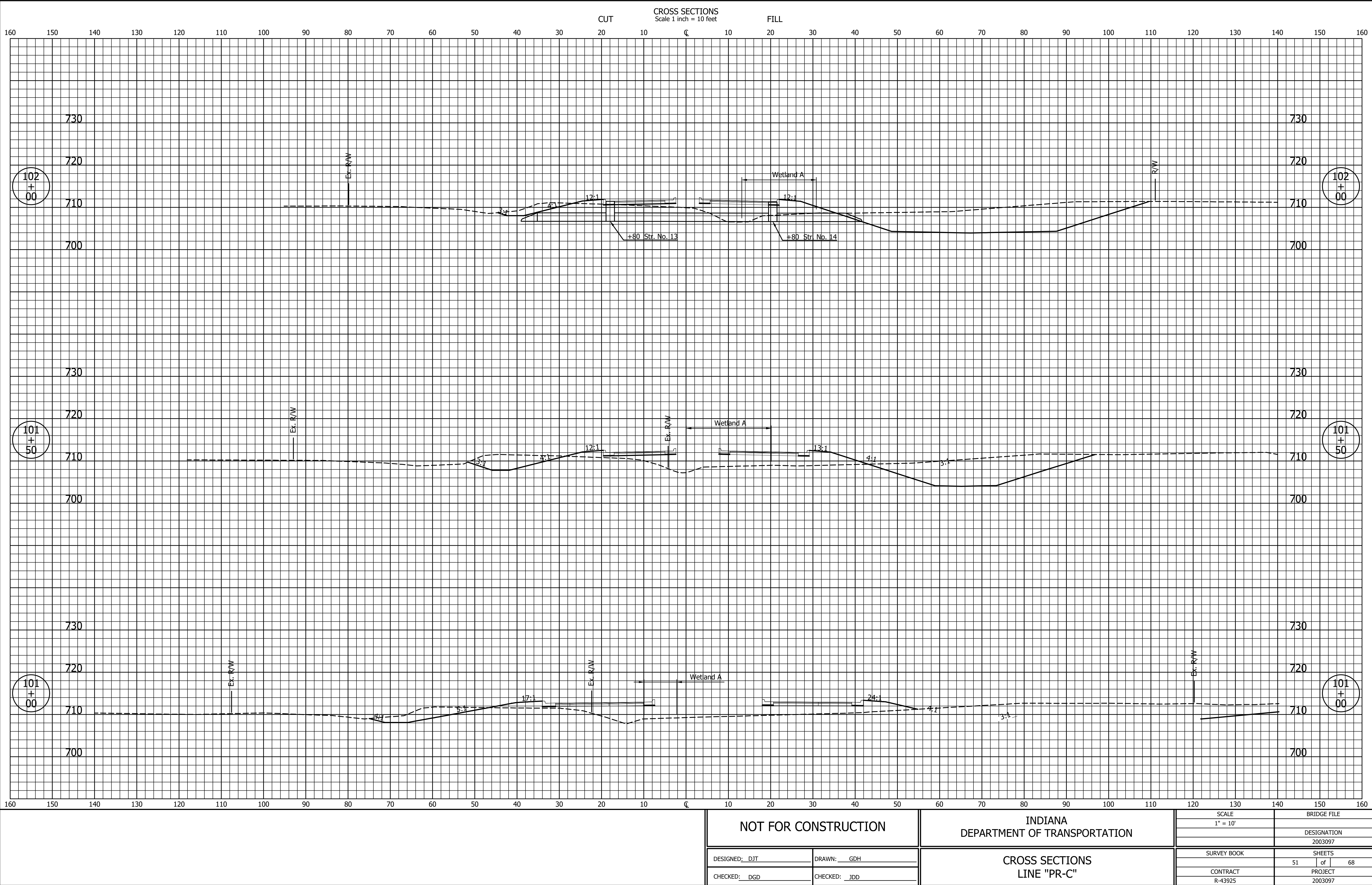
FTP - 6/3/2025 8:57 AM - U:\2022\202223 INDOT US 231\Cad\C3D\Design Files\222300D\_CO.dwg (XS\_7\_PR-C)



FTP - 6/3/2025 8:57 AM - U:\2022\202223 INDOT US 231\Cad\C3D\Design Files\222300D\_CO.dwg (XS\_B\_PR-C)



FTP - 6/3/2025 8:56 AM - U:\2022\202223 INDOT US 231\Coa\C30\Design Files\222300D\_CO.dwg (XS\_9\_PR-C)



FTP - 6/3/2025 8:57 AM - U:\2022\202223 INDOT US 231\Co\C30\Design Files\222300D\_CO.dwg (XS\_10\_PR-C)

