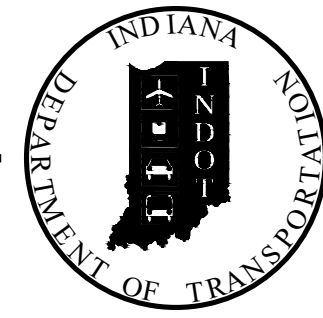


PROJECT	DESIGNATION
2003098	2003098
CONTRACT	
R-43907	

INDIANA DEPARTMENT OF TRANSPORTATION

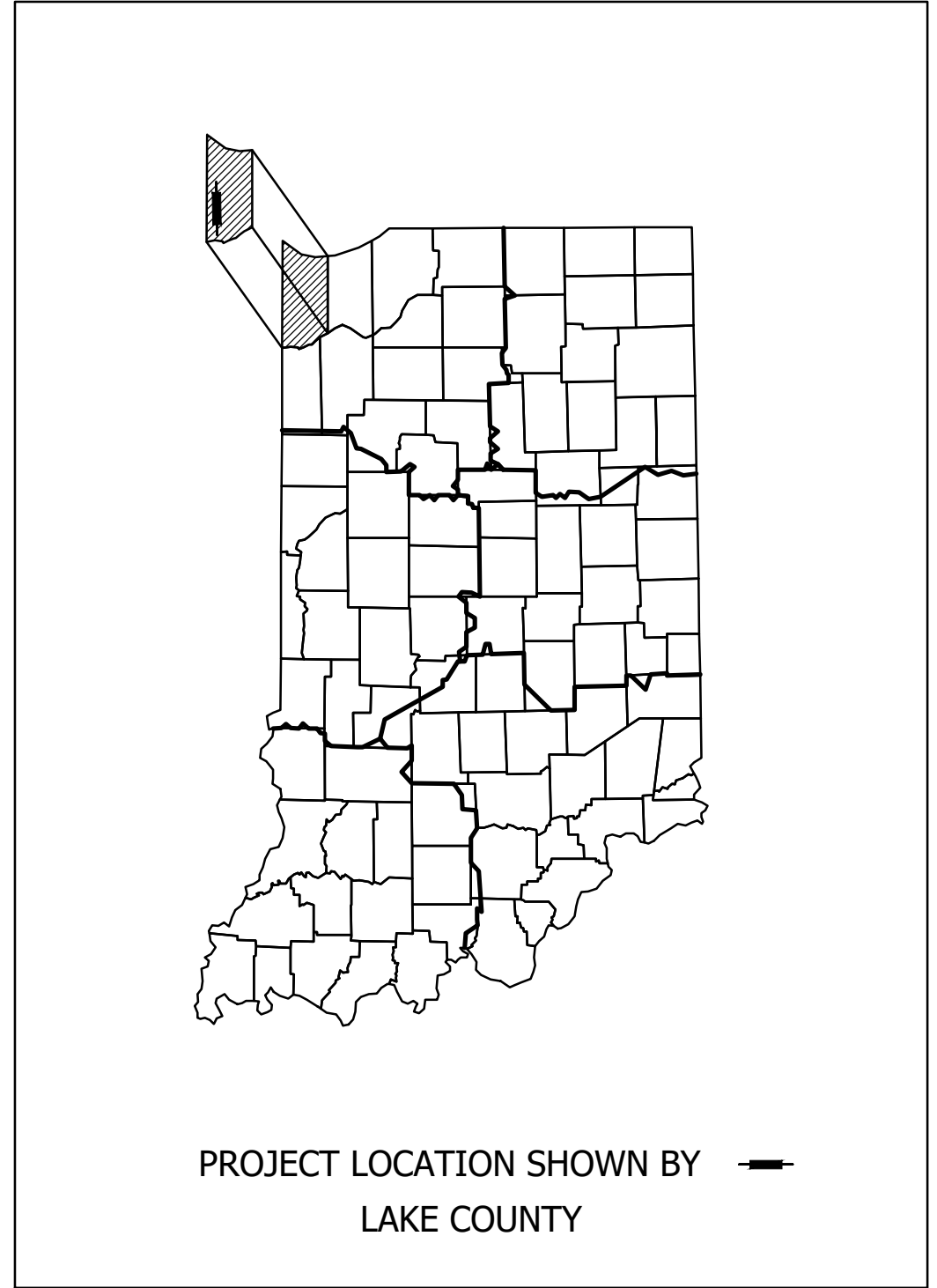


ROAD PLANS

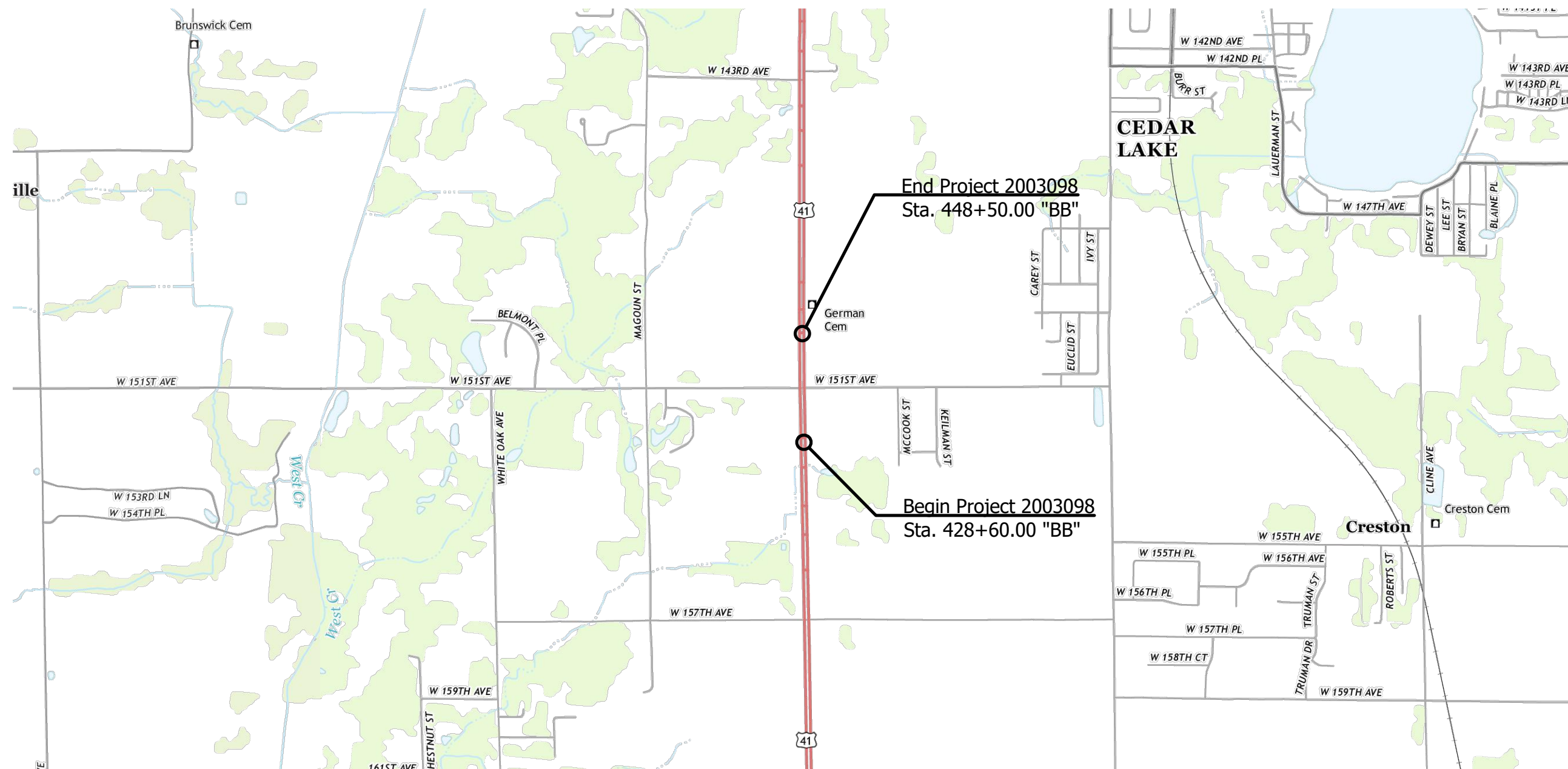
ROUTE: U.S. 41 AT: RP 253+01
PROJECT NO. 2003098 P.E.
2003098 R/W
2003098 CONST.

TRAFFIC DATA	U.S. 41	151st Ave
A.A.D.T. (2025)	13,940 V.P.D.	2,453 V.P.D.
A.A.D.T. (2045)	15,283 V.P.D.	2,720 V.P.D.
D.H.V. (2045)	1,375 V.P.H.	280 V.P.H.
DIRECTIONAL DISTRIBUTION	50.41 %	53.60 %
TRUCKS	9.21 % A.A.D.T. 4.04 % D.H.V.	2.91 % A.A.D.T. 1.39 % D.H.V.

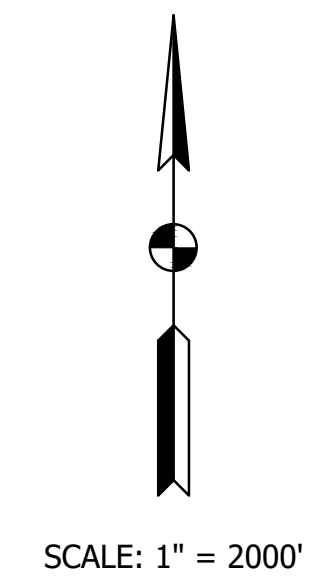
DESIGN DATA	60 MPH	30 MPH WEST / 40 MPH EAST
DESIGN SPEED	60 MPH	30 MPH WEST / 40 MPH EAST
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL	MAJOR COLLECTOR
RURAL/URBAN	RURAL	RURAL
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	PARTIAL	NONE



Median U-Turn Intersection Improvement on U.S. 41 at 151st Ave., 3.8 Miles North of S.R. 2
Sections 4 and 5, T-33-N, R-9-W, West Creek Township, Lake County, Indiana



LOCATION MAP
LAKE COUNTY



LATITUDE: 41°20'35"N LONGITUDE: 87°28'11"W

GROSS LENGTH:	0.40 MI.
NET LENGTH:	0.40 MI.
MAX. GRADE:	1.16 %

HYDROLOGIC UNIT CODE (S): 071200011309

PUBLIC HEARING PLANS
SEPTEMBER 16, 2024

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

GDH - 9/12/2024 1:45 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_CS.dwg

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

SURVEY BOOK	SHEETS
CONTRACT	PROJECT
R-43907	2003098

UTILITIES

UTILITY	OWNER	ADDRESS
COMMUNICATIONS -	AT&T Distribution Contact: Angelo LaMantia Phone: (219) 776-7780 Email: alamantia@undc.com	302 S East St. Crown Point, IN 46307
	Comcast North Contact: Larry Smith Phone: (574) 320-8203 Email: larry_smith@comcast.com	16 W 84th Dr. Merrillville, IN 46410
ELECTRIC -	NIPSCO Electric Contact: Jon Derwinski Phone: (219) 647-6260 Email: jderwinski@nisource.com	1460 E 15th Ave. Gary, Indiana 46402
GAS -	NIPSCO Gas Contact: Brent Leloup Phone: (219) 647-6260 Email: bleloup@nisource.com	801 E 86th Ave. Merrillville, IN 46410

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 - 5	Typical Sections
6	Plat No. 1
7 - 12	Maintenance of Traffic
13 - 16	Plan and Profiles
17 - 19	Intersection Details
20	Lighting Plan
21	Pavement Marking Plan
22	Signing Plan
23	Patching Table
24 - 30	Erosion Control Plans and Summary Table
31	Approach Table
32	Structure Data Table
33 - 50	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.

GDH - 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_IN.dwg

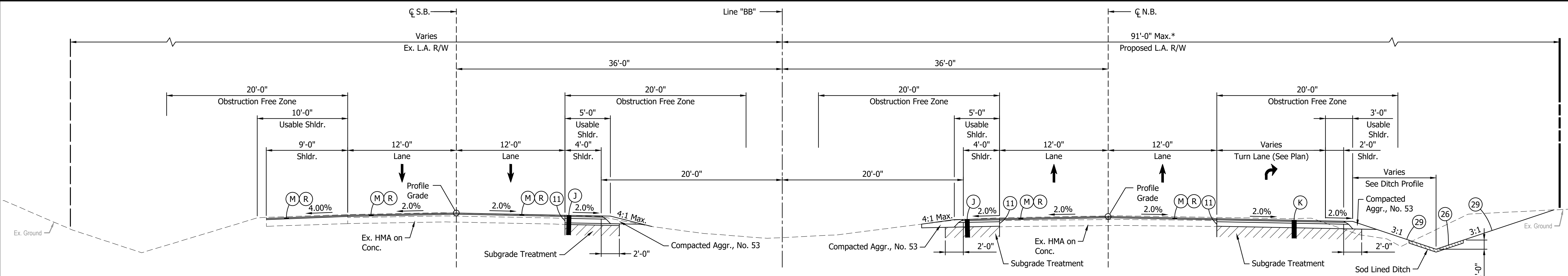
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

INDIANA DEPARTMENT OF TRANSPORTATION
INDEX AND GENERAL NOTES

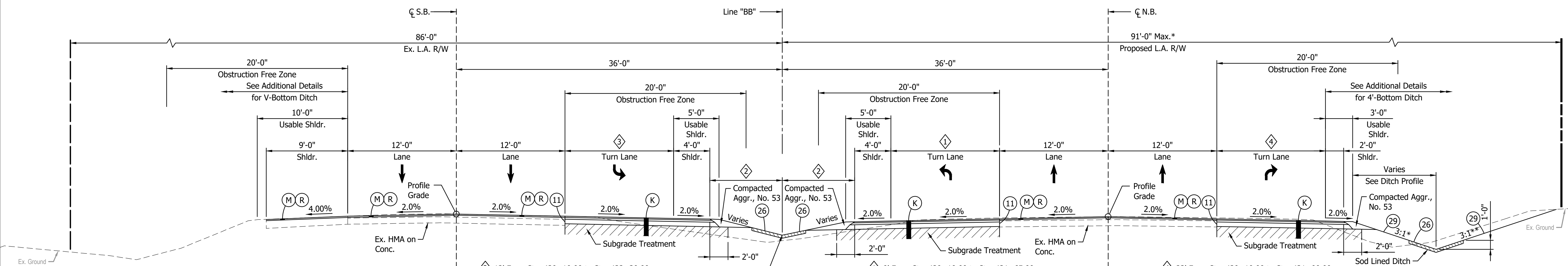
SCALE	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS
	2 of 50
CONTRACT R-43907	PROJECT 2003098

U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_TS01.dwg (222240TR_TS01 - TYP. SECT. 01)



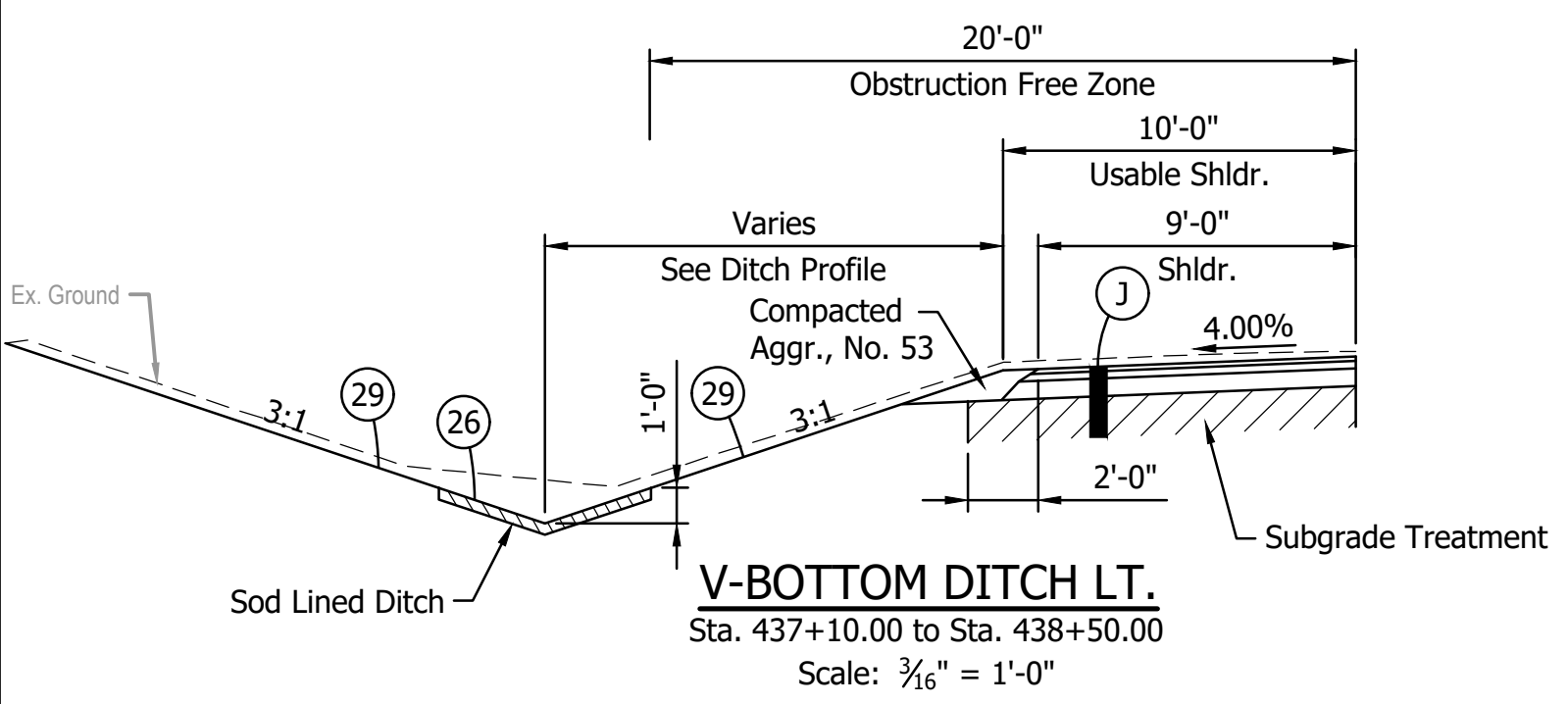
TYPICAL SECTION - LINE "BB"
 Sta. 428+60.00 to Sta. 429+10.00
 Scale: 3/16" = 1'-0"

* Proposed R/W Varies
 86'-0" to 91'-0"
 From Sta. 428+60.00 to Sta. 434+00.00

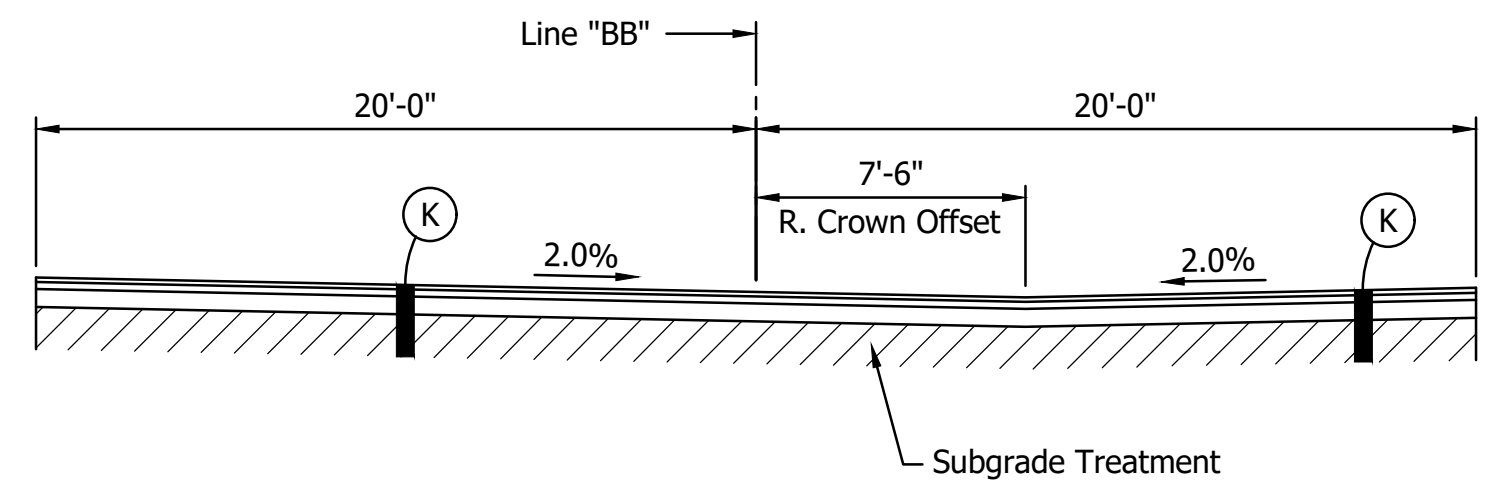


TYPICAL SECTION - LINE "BB"
 Sta. 429+10.00 to Sta. 439+24.20
 Scale: 3/16" = 1'-0"

* 4:1 From Sta. 428+80.00 to Sta. 430+50.00
 ** 2:1 From Sta. 429+10.00 to Sta. 432+50.00
 Varies 2:1 to 3:1 From Sta. 432+50.00 to Sta. 433+00.00



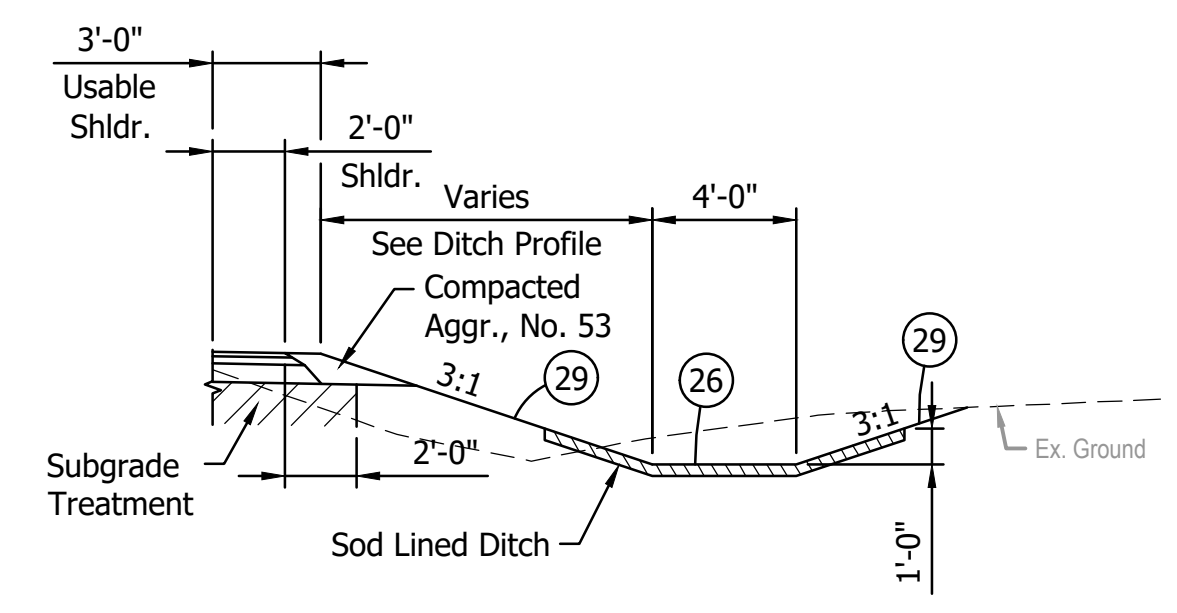
V-BOTTOM DITCH LT.
 Sta. 437+10.00 to Sta. 438+50.00
 Scale: 3/16" = 1'-0"



MEDIAN U-TURN
 Sta. 439+10.00 to Sta. 439+75.00
 Scale: 3/16" = 1'-0"

LEGEND:

- (J) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm on Widening with HMA, Type D, Consisting of:
275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on
770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm
7.5" Compacted Aggregate, No. 53 on
(As Needed to Match Existing Adjacent Mainline Pavement Thickness)
Subgrade Treatment, Type IC
- (K) 165 #/sys QC/QA-HMA, 3, 58S, Surface, 9.5 mm on
275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on
770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm
7.5" Compacted Aggregate, No. 53 on
(As Needed to Match Existing Adjacent Mainline Pavement Thickness)
Subgrade Treatment, Type IC
- (M) Milling, Profile (0" - 4")
- (R) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
- (11) Saw Cut
- (26) Sodding
- (29) Mulched Seeding, Type R



4'-BOTTOM DITCH RT.
 Sta. 435+44.00 to Sta. 437+17.00
 Sta. 437+52.00 to Sta. 438+50.00
 Scale: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

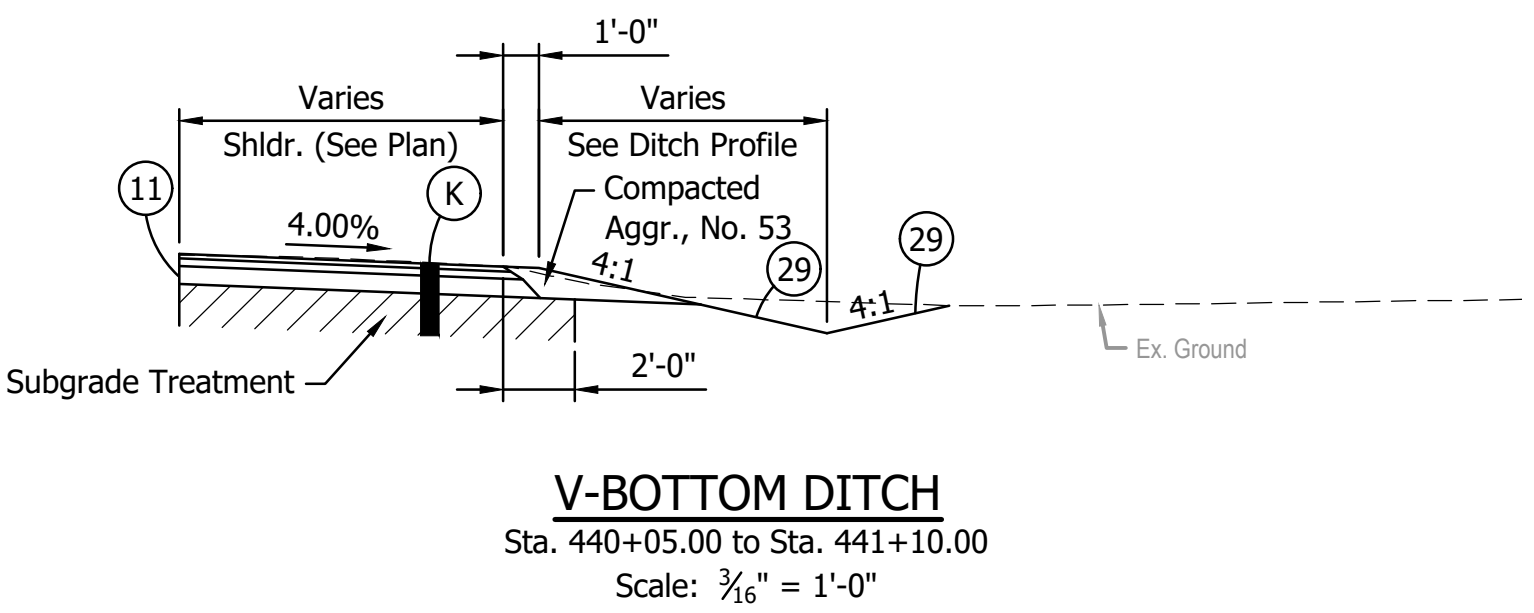
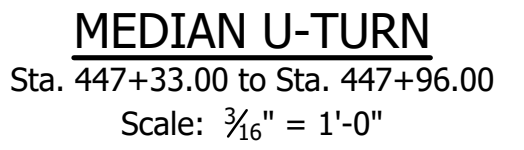
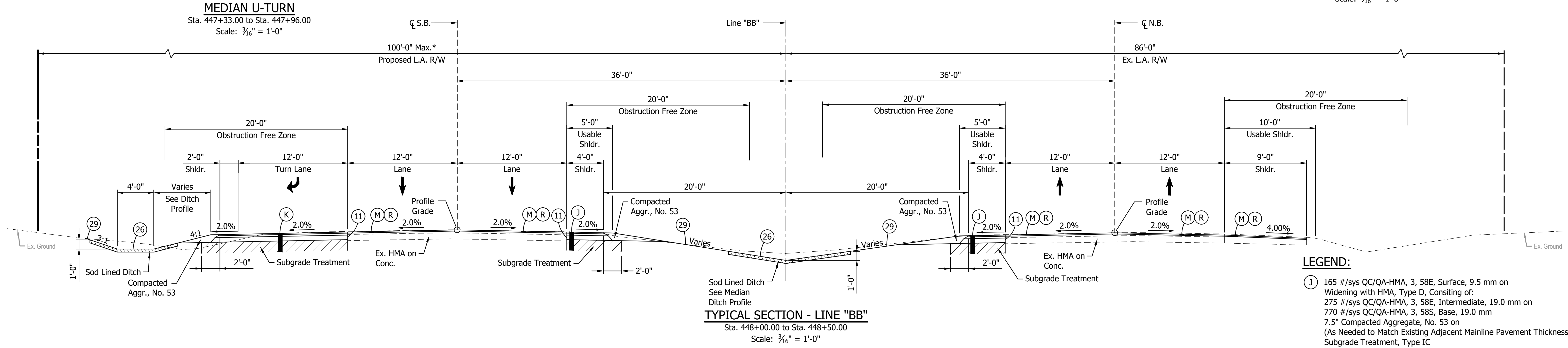
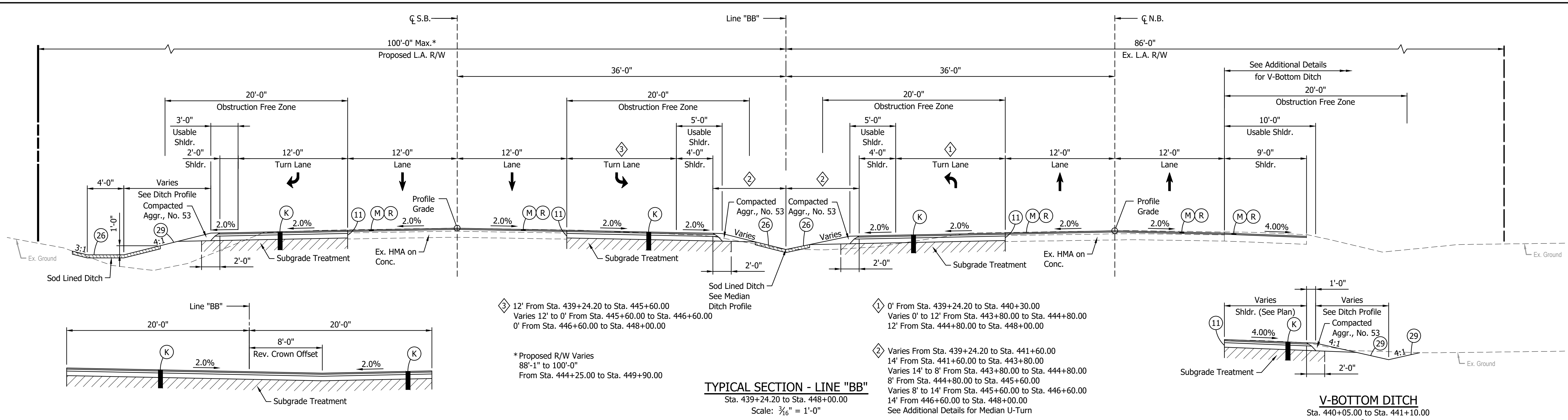
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS LINE "BB"

SCALE 3/16" = 1'-0"	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 3 of 50
CONTRACT R-43907	PROJECT 2003098

U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_TS01.dwg (222240TR_TS01 - TYP. SECT. 02)



- LEGEND:**
- (J) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm on Widening with HMA, Type D, Consisting of: 275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on 770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm 7.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (K) 165 #/sys QC/QA-HMA, 3, 58S, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on 770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm 7.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (M) Milling, Profile (0" - 4")
 - (R) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
 - (11) Saw Cut
 - (26) Sodding
 - (29) Mulched Seeding, Type R

NOT FOR CONSTRUCTION

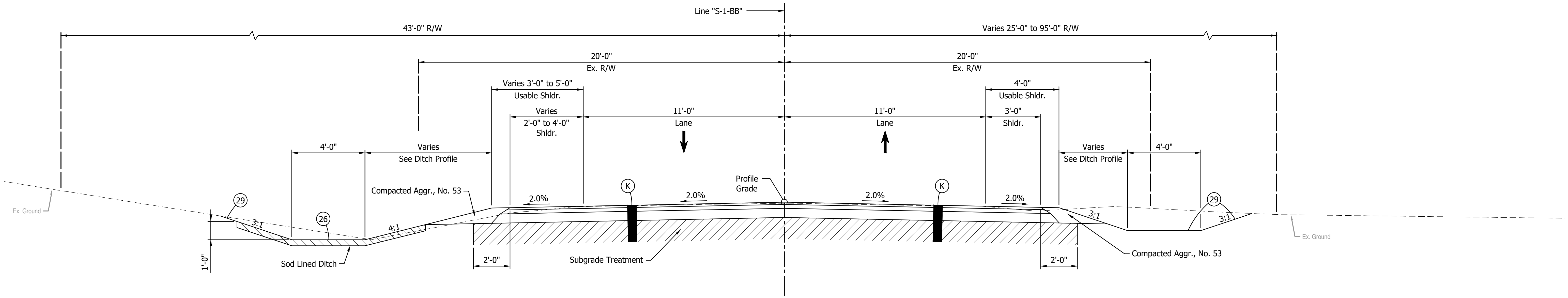
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA DEPARTMENT OF TRANSPORTATION

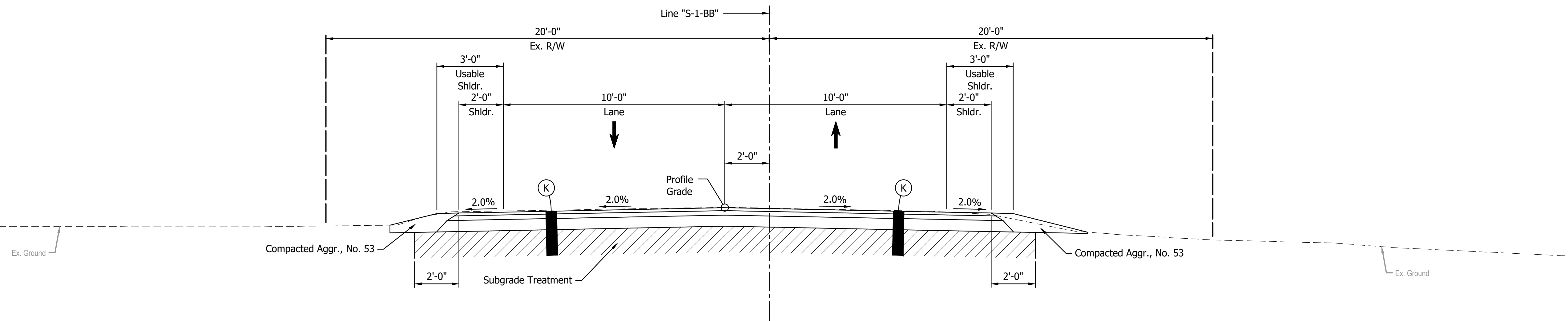
TYPICAL SECTIONS LINE "BB"

SCALE 3/16" = 1'-0"	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 4 of 50
CONTRACT R-43907	PROJECT 2003098

U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_IS01.dwg (222240TR_IS01 - TYP. SECT. 03)
 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_IS01.dwg (222240TR_IS01 - TYP. SECT. 03)



TYPICAL SECTION - LINE "S-1-BB"
 Sta. 18+05.00 to Sta. 19+52.00
 Scale: 3/8" = 1'-0"



TYPICAL SECTION - LINE "S-1-BB"
 Sta. 20+48.00 to Sta. 21+95.00
 Scale: 3/8" = 1'-0"

LEGEND:

- (K) 165 #/sys QC/QA-HMA, 3, 58S, Surface, 9.5 mm on
 275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on
 770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on
 7.5" Compacted Aggregate, No. 53 on
 (As Needed to Match Existing Adjacent Mainline Pavement Thickness)
 Subgrade Treatment, Type IC
- (26) Sodding
- (29) Mulched Seeding, Type R

NOT FOR CONSTRUCTION

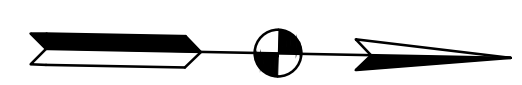
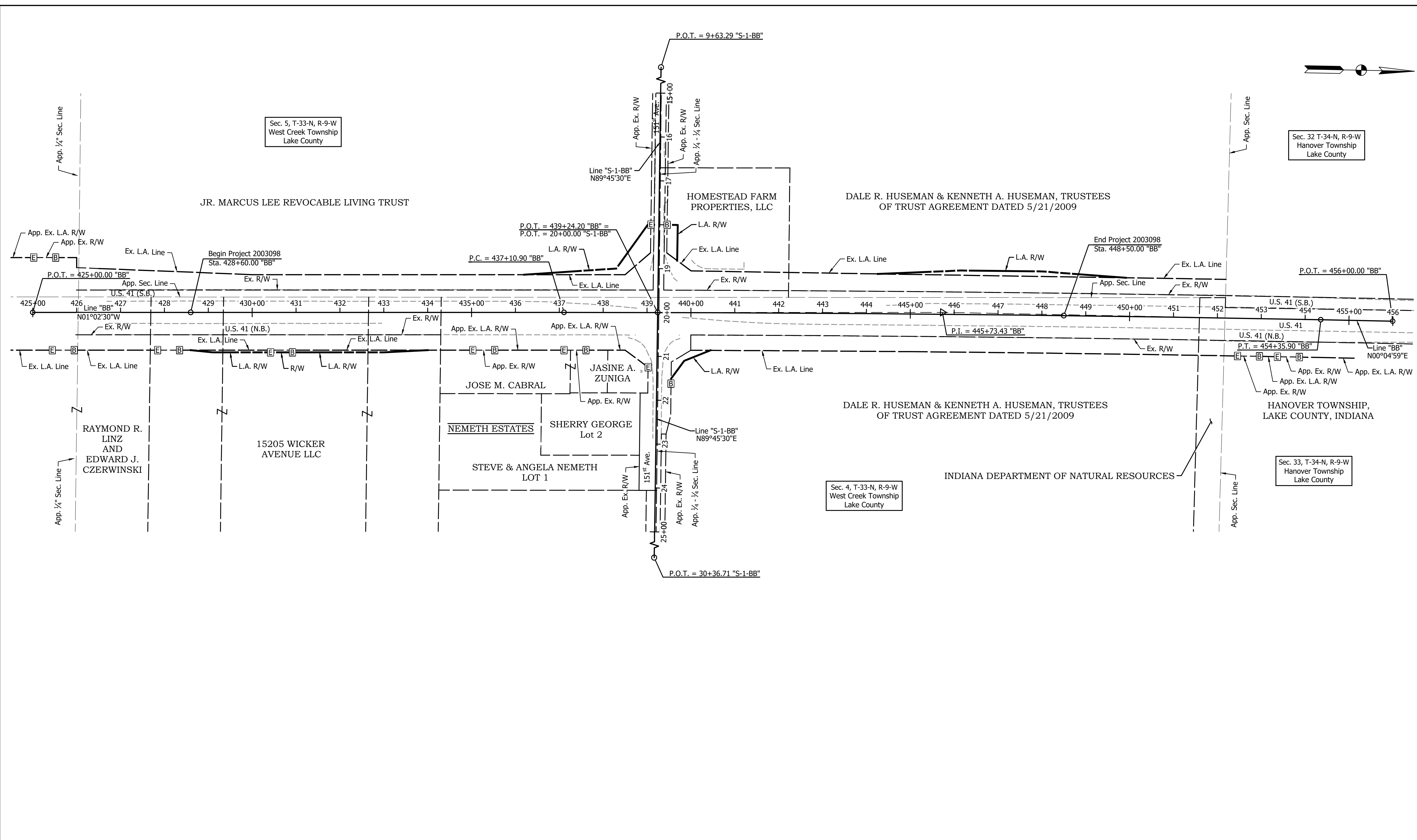
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

INDIANA
 DEPARTMENT OF TRANSPORTATION

 TYPICAL SECTIONS
 LINE "S-1-BB"

SCALE 3/8" = 1'-0"	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 5 of 50
CONTRACT R-43907	PROJECT 2003098

GDH - 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\22224QTR_P101.dwg (PLAT NO. 1)



**NOT FOR
CONSTRUCTION**

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

PLAT NO. 1

SCALE 1" = 100'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 6 of 50
CONTRACT R-43907	PROJECT 2003098

GENERAL NOTES:

1. Install construction signs as shown on plans and as directed.
2. U.S. 41 shall remain open at all times and maintain at least one lane in each direction.
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 coordinate with INDOT PE/PS to notify local fire department, police, ambulance services, and schools at least two weeks prior to any construction that would block or limit access.
6. The construction zone speed limit for U.S. 41 is 50 mph (Design Speed = 60 mph).
7. U.S. 41 traffic barrel spacing on tangent: 50 ft
U.S. 41 traffic barrel spacing on taper: 25 ft
8. U.S. 41 construction clear zone requirements: 16 ft for 4:1
9. Cover any existing speed limit signs that conflict with construction speed reduction.

PHASE I:

1. Construction activities shall include construction of outside shoulders, turn lanes, truck turning loons, and roadside ditches/storm structures. Public road approaches shall be constructed in this phase. Full depth shoulder reconstruction where traffic is to run in Phase II as shown shall be constructed before the start of Phase II.

PHASE II:

1. Construction activities shall include construction of median shoulders, turn lanes, raised median island, and median ditches/storm structures.

POST PHASE II (NOT DETAILED):

1. Construction activities shall include mill and overlay of travel lanes. This shall be completed under traffic as a moving operation.

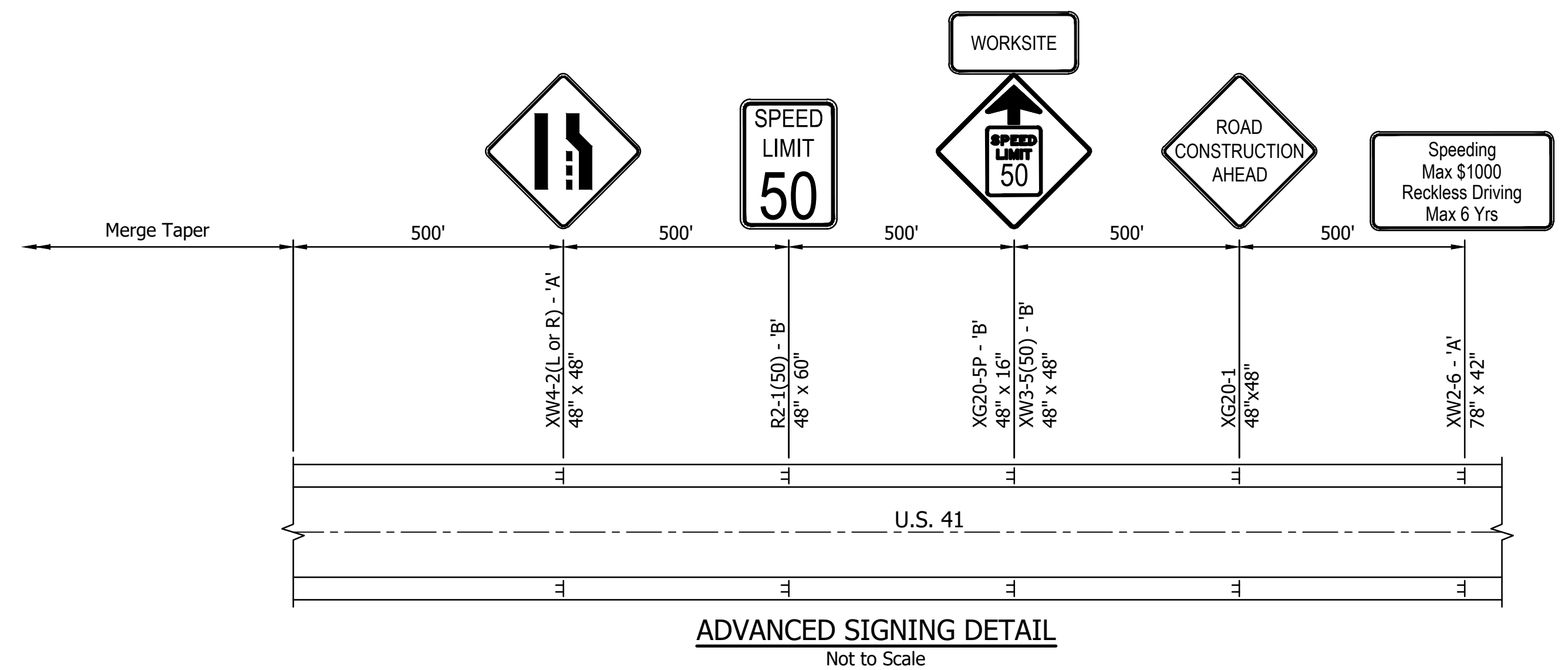


PROJECT LOCATION
Scale: 1" = 1,000'

ESTIMATE OF QUANTITIES - CONTROLLING		
ITEM	QUANTITY	UNIT
Maintaining Traffic	1	Lump Sum
Construction Sign Type A	24	Each
Construction Sign Type B	4	Each
Temporary Pavement Marking, Paint, Solid, White, 4"	6850	ft
Temporary Pavement Marking, Paint, Solid, Yellow, 4"	6850	ft
Temporary Pavement Marking, Removable, Solid, White, 4"	6850	ft
Temporary Pavement Marking, Removable, Solid, Yellow, 4"	6850	ft
Line Remove	18332	ft
Temporary Traffic Barrier, Type 2	747	ft
Energy Absorbing Terminal, CZ, TL-3	2	Each
Barricade, Type III-B	216	ft
Flashing Arrow Board	120	Days

ESTIMATE OF QUANTITIES - PHASE I		
ITEM	QUANTITY	UNIT
Maintaining Traffic	1	Lump Sum
Construction Sign Type A	24	Each
Construction Sign Type B	4	Each
Temporary Pavement Marking, Paint, Solid, White, 4"	3885	ft
Temporary Pavement Marking, Paint, Solid, Yellow, 4"	2965	ft
Temporary Pavement Marking, Removable, Solid, White, 4"	3885	ft
Temporary Pavement Marking, Removable, Solid, Yellow, 4"	2965	ft
Temporary Traffic Barrier, Type 2	747	ft
Energy Absorbing Terminal, CZ, TL-3	2	Each
Line Remove	12464	ft
Barricade, Type III-B	216	ft
Flashing Arrow Board	60	Days

ESTIMATE OF QUANTITIES - PHASE II		
ITEM	QUANTITY	UNIT
Maintaining Traffic	1	Lump Sum
Construction Sign Type A	24	Each
Construction Sign Type B	4	Each
Temporary Pavement Marking, Paint, Solid, White, 4"	2965	ft
Temporary Pavement Marking, Paint, Solid, Yellow, 4"	3885	ft
Temporary Pavement Marking, Removable, Solid, White, 4"	2965	ft
Temporary Pavement Marking, Removable, Solid, Yellow, 4"	3885	ft
Temporary Traffic Barrier, Type 2	701	ft
Energy Absorbing Terminal, CZ, TL-3	2	Each
Line Remove	5868	ft
Barricade, Type III-B	120	ft
Flashing Arrow Board	60	Days



ADVANCED SIGNING DETAIL
Not to Scale

GDH - 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\22224QMT_GNO1.dwg (NOT GENERAL NOTES)

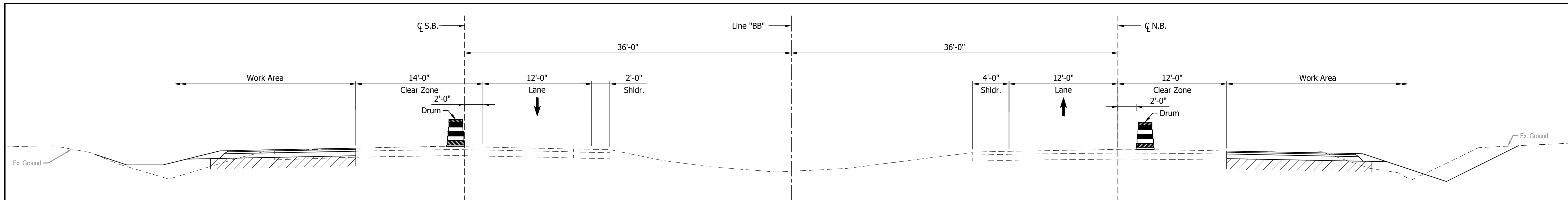
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC GENERAL NOTES	

SCALE AS SHOWN	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 7 of 50
CONTRACT R-43907	PROJECT 2003098

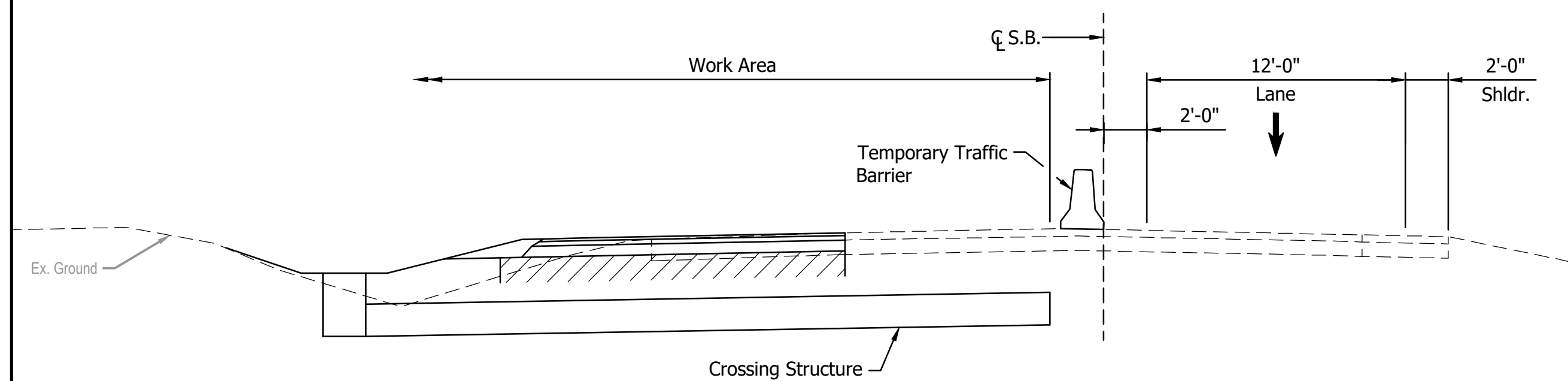
U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240MT_TS01.dwg (MOT TYP. SECT. 01)
 GDH - 9/12/2024 1:46 PM



PHASE I - MOT TYPICAL SECTION

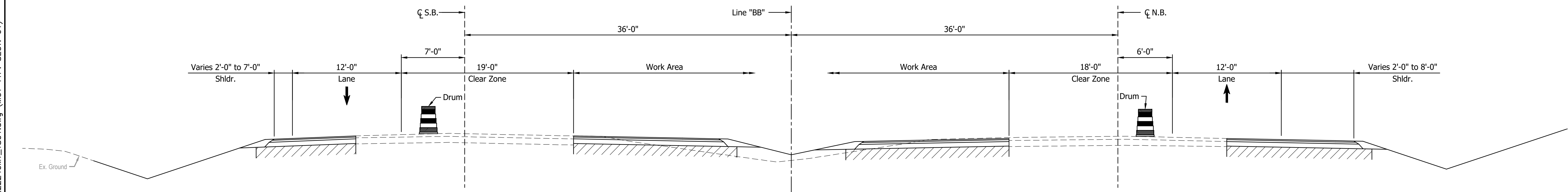
LINE "BB"

Scale: 3/16" = 1'-0"



PHASE I TEMPORARY TRAFFIC BARRIER DETAIL

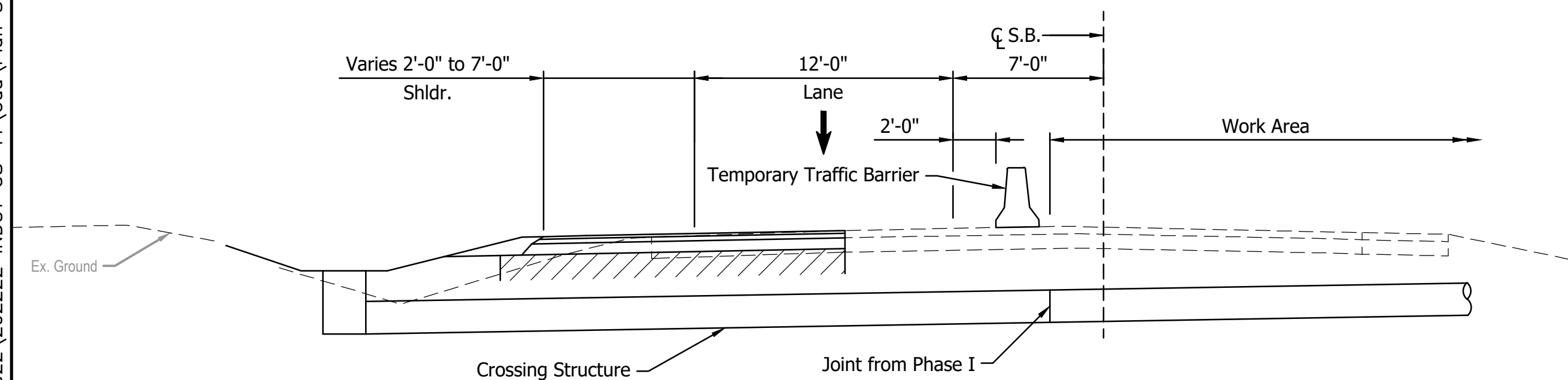
Scale: 3/16" = 1'-0"



PHASE II - TYPICAL SECTION

LINE "BB"

Scale: 3/16" = 1'-0"



PHASE II TEMPORARY TRAFFIC BARRIER DETAIL

Scale: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

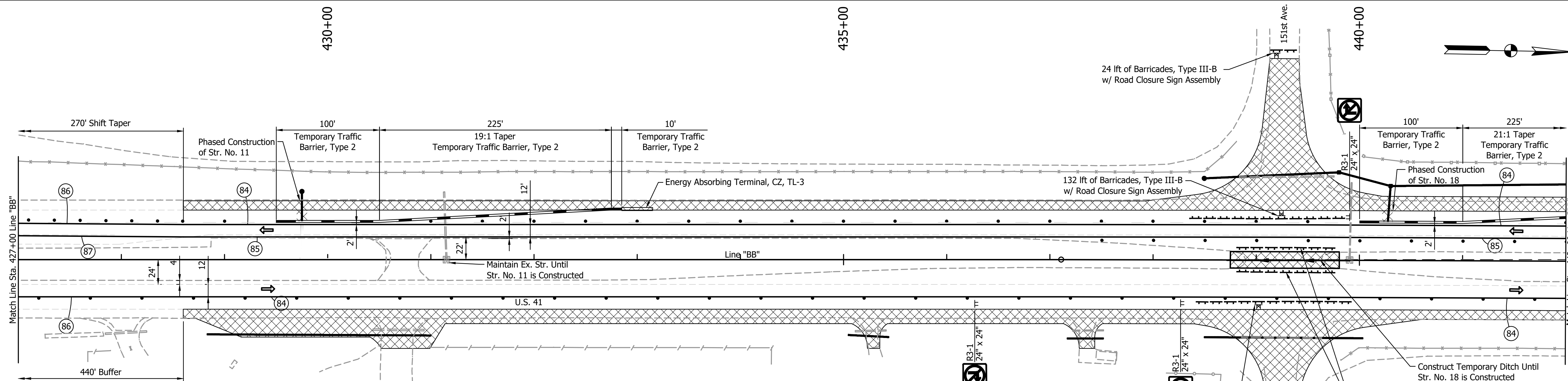
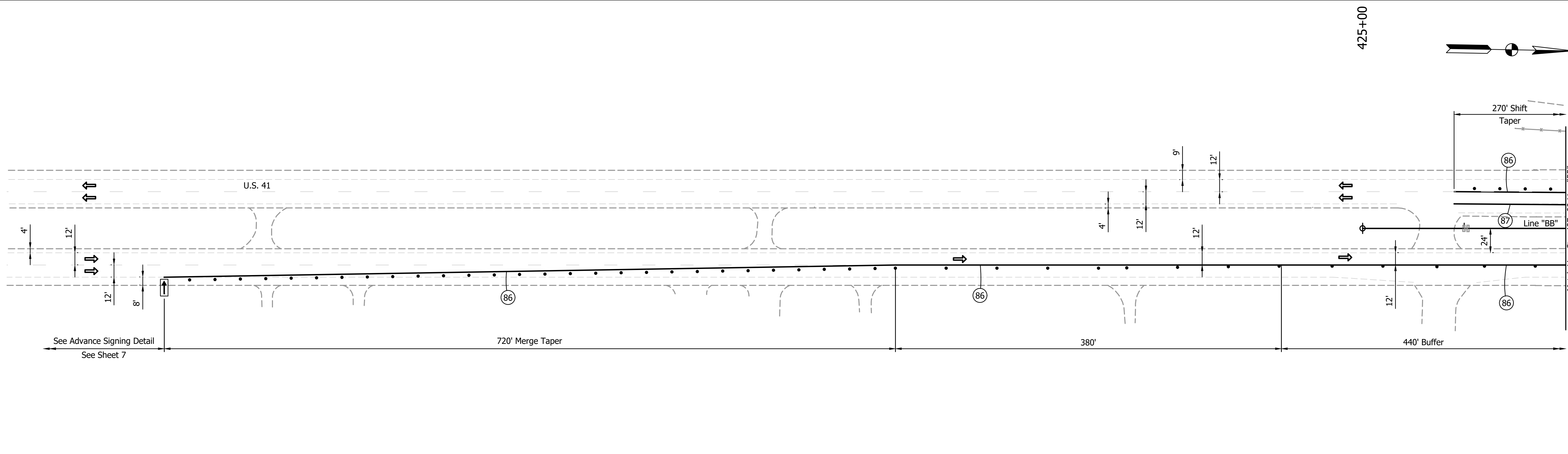
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

SCALE 3/16" = 1'-0"	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 8 of 50
CONTRACT R-43907	PROJECT 2003098

GDH - 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222224QMT_PL1.dwg (PHASE I PL1)



LEGEND:

- (84) Temporary Pavement Marking, Paint, Solid, White, 4"
- (85) Temporary Pavement Marking, Paint, Solid, Yellow, 4"
- (86) Temporary Pavement Marking, Removable, Solid, White, 4"
- (87) Temporary Pavement Marking, Removable, Solid, Yellow, 4"
- ⊠ Road Closure Assembly
- ⊠ Barricade, Type III-B
- ⊠ Construction Sign
- Drum
- ➔ Temporary Direction of Traffic
- ⬇️ Flashing Arrow Board
- ▨ Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGD	CHECKED: JDD

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PHASE I**

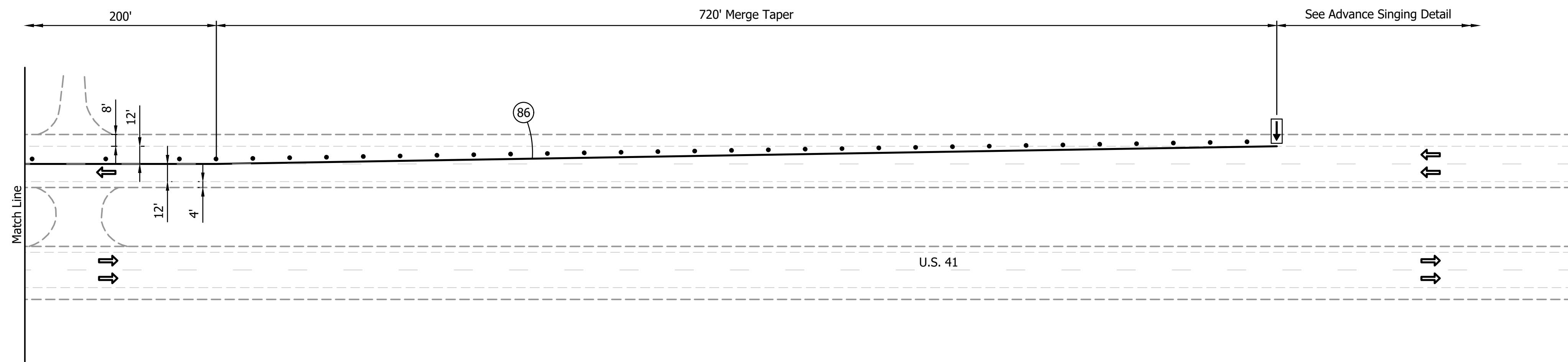
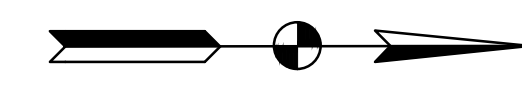
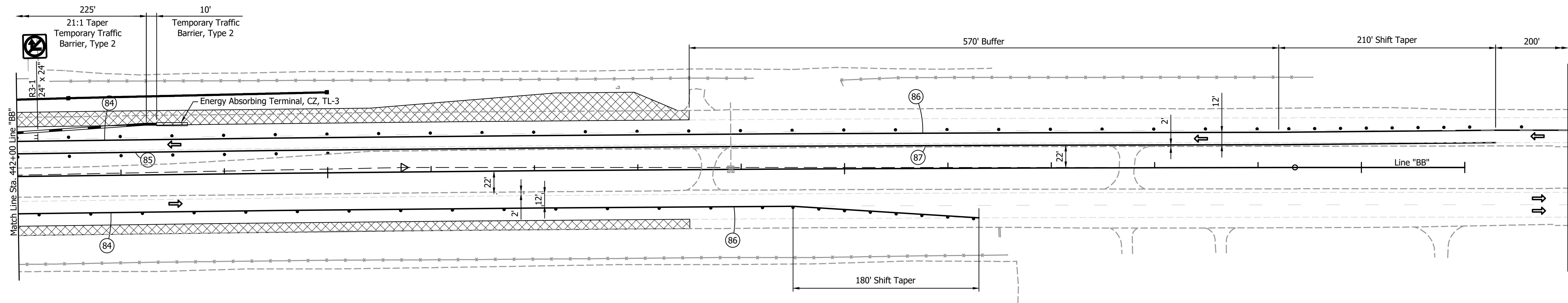
SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 9 of 50
CONTRACT R-43907	PROJECT 2003098

GDH - 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\22224QMT_PL1.dwg (PHASE I PL2)

445+00

450+00

455+00



LEGEND:

- ⊘84 Temporary Pavement Marking, Paint, Solid, White, 4"
- ⊘85 Temporary Pavement Marking, Paint, Solid, Yellow, 4"
- ⊘86 Temporary Pavement Marking, Removable, Solid, White, 4"
- ⊘87 Temporary Pavement Marking, Removable, Solid, Yellow, 4"
- ⊢ Road Closure Assembly
- ⊢ Barricade, Type III-B
- ⊢ Construction Sign
- Drum
- ⇨ Temporary Direction of Traffic
- ⇨ Flashing Arrow Board
- ▨ Construction Area

NOT FOR CONSTRUCTION

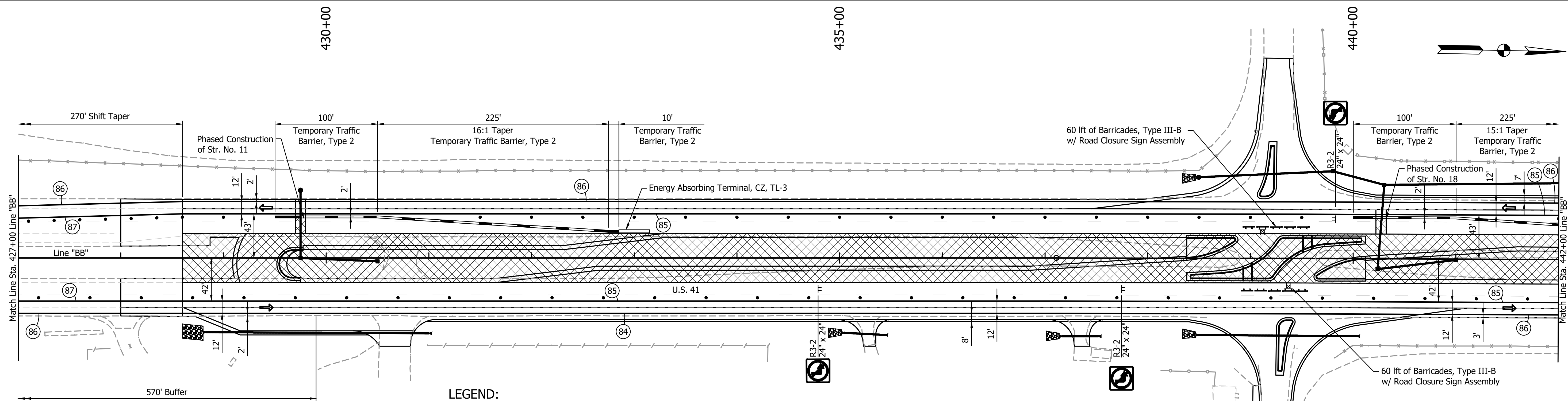
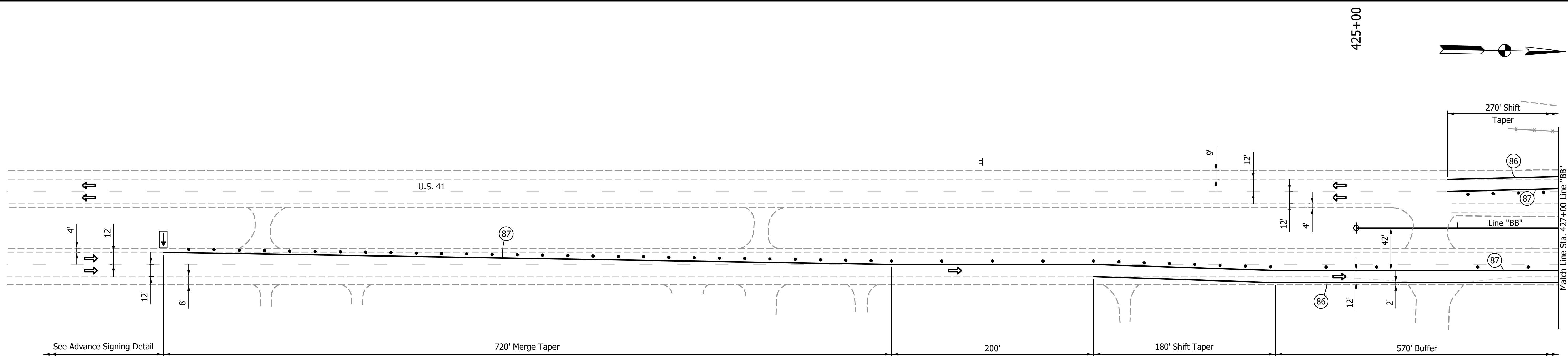
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD	DRAWN: GDH		
CHECKED: DGD	CHECKED: JDD		

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PHASE I**

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 10 of 50
CONTRACT R-43907	PROJECT 2003098

GDH - 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\22224QMT_PL.dwg (PHASE II PL1)



LEGEND:

- ⊙84 Temporary Pavement Marking, Paint, Solid, White, 4"
- ⊙85 Temporary Pavement Marking, Paint, Solid, Yellow, 4"
- ⊙86 Temporary Pavement Marking, Removable, Solid, White, 4"
- ⊙87 Temporary Pavement Marking, Removable, Solid, Yellow, 4"
- ⊣ Road Closure Assembly
- ⊣ Barricade, Type III-B
- ⊥ Construction Sign
- Drum
- ⇨ Temporary Direction of Traffic
- ⬇ Flashing Arrow Board
- ▨ Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE II

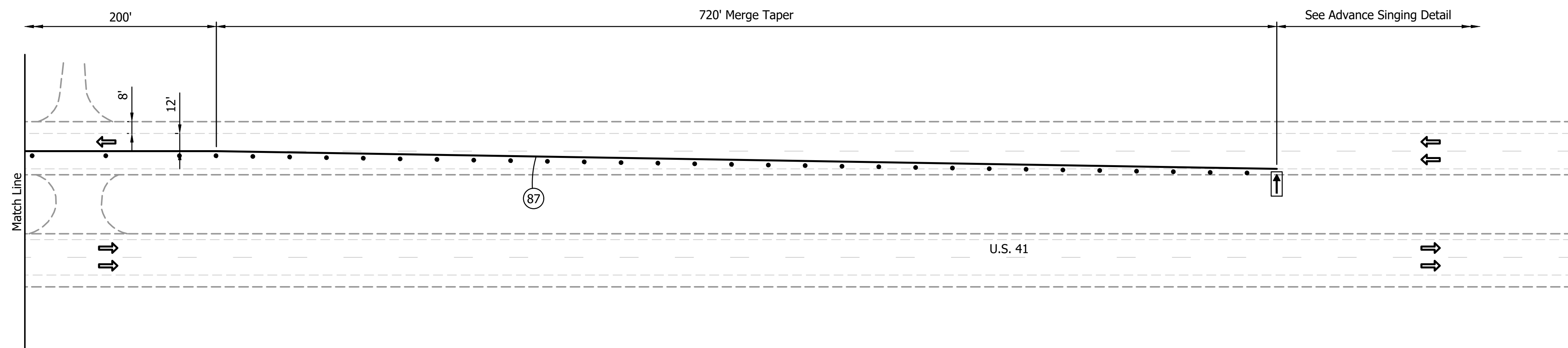
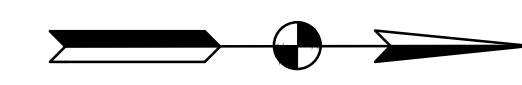
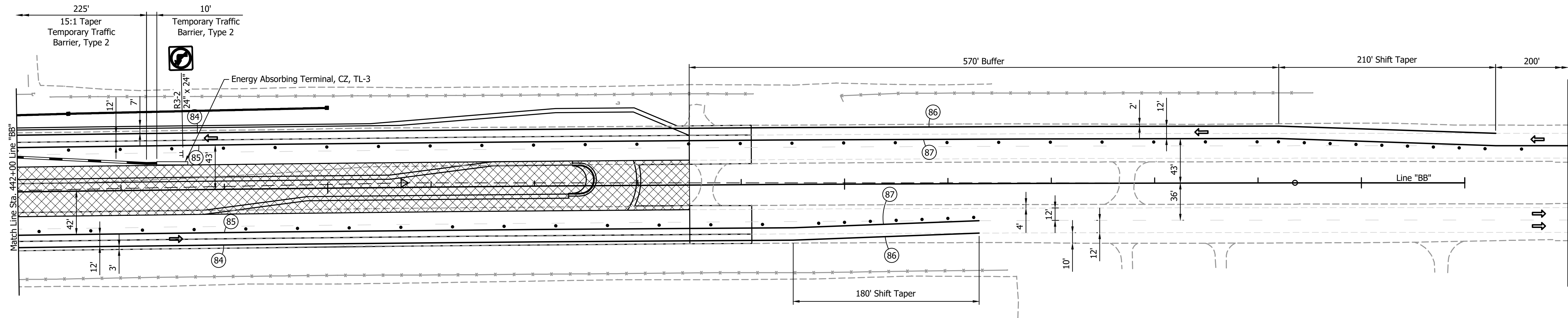
SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 11 of 50
CONTRACT R-43907	PROJECT 2003098

U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\22224QMT_PL.dwg (PHASE II PL2)
 GDH - 9/12/2024 1:46 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\22224QMT_PL.dwg (PHASE II PL2)

445+00

450+00

455+00



LEGEND:

- (84) Temporary Pavement Marking, Paint, Solid, White, 4"
- (85) Temporary Pavement Marking, Paint, Solid, Yellow, 4"
- (86) Temporary Pavement Marking, Removable, Solid, White, 4"
- (87) Temporary Pavement Marking, Removable, Solid, Yellow, 4"
- ⊥ Road Closure Assembly
- ⊥ Barricade, Type III-B
- ⊥ Construction Sign
- Drum
- ⇨ Temporary Direction of Traffic
- ⇦ Flashing Arrow Board
- ▨ Construction Area

NOT FOR CONSTRUCTION

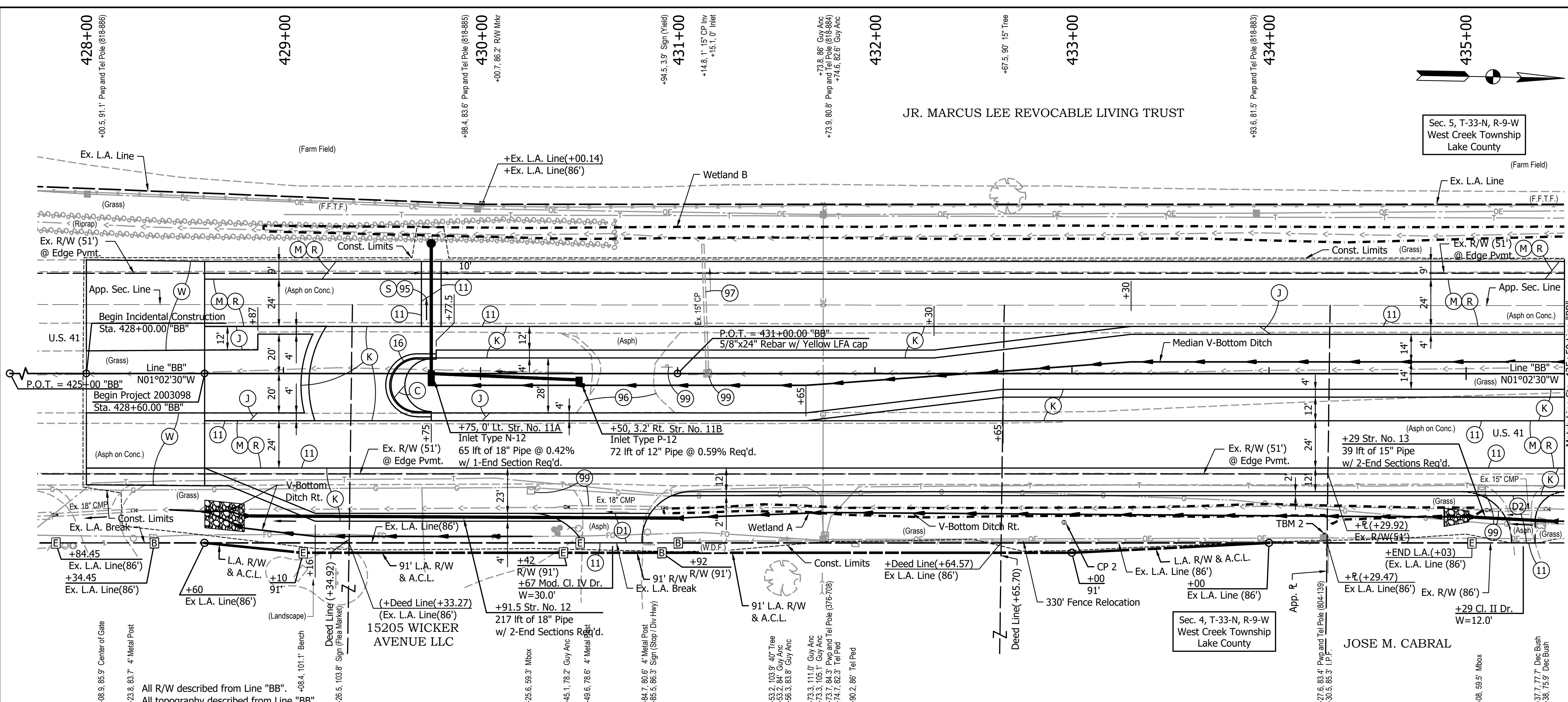
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

INDIANA
 DEPARTMENT OF TRANSPORTATION

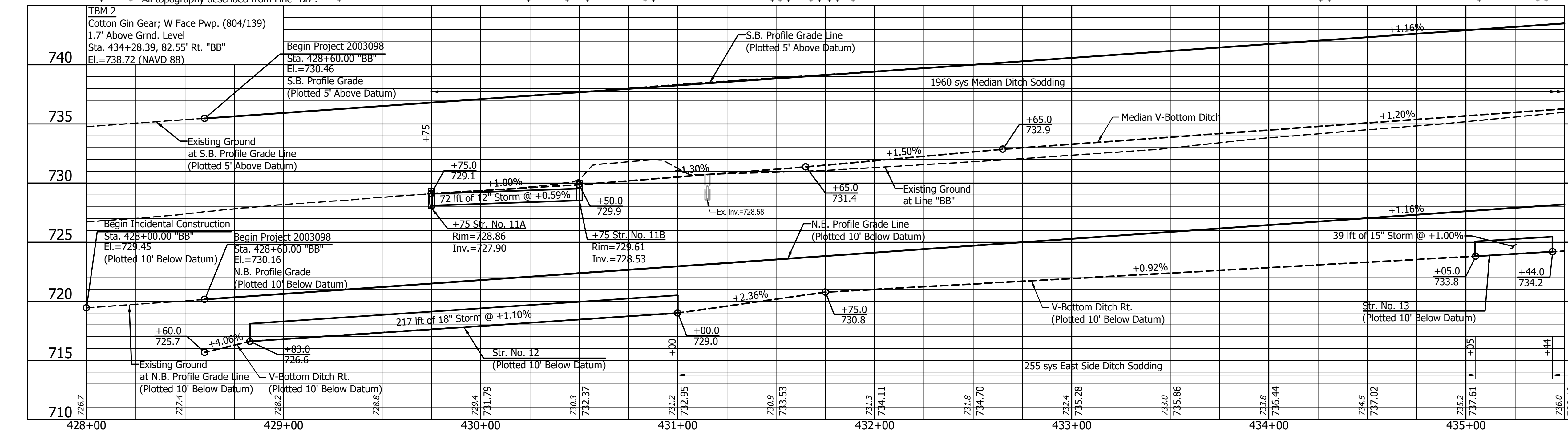
 MAINTENANCE OF TRAFFIC
 PHASE II

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 12 of 50
CONTRACT R-43907	PROJECT 2003098

JDD - 9/12/2024 1:47 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\222240TR_PP01.dwg (222240TR_PP01 - P & P - LINE BB)

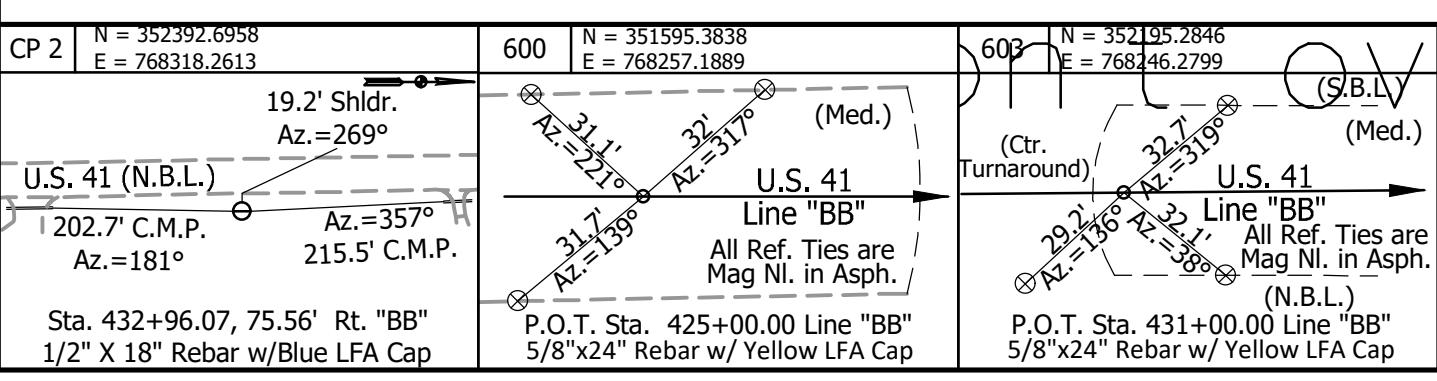


- LEGEND:**
- (C) PCCP, 8" on 14.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (D1) HMA for Approaches, Type B 165 #/sys HMA Surface, Type B, on 275 #/sys HMA Intermediate, Type B, on 660 #/sys HMA Base, Type B, on Geogrid, Type 1B
 - (D2) 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
 - (J) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm on Widening with HMA, Type D, Consisting of: 275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on 770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm 7.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (K) 165 #/sys QC/QA-HMA, 3, 58S, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on 770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm 7.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (M) Milling, Profile (0" - 4")
 - (R) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
 - (S) HMA for Structure Installation 165 #/sys HMA Surface, Type C on 275 #/sys HMA Intermediate, Type C on 880 #/sys HMA Base, Type C on 6" Compacted Aggregate, No. 53 Base on Subgrade Treatment, Type II
 - (W) Transition Milling on 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
 - (11) Saw Cut
 - (16) Curb and Gutter, B, Concrete
 - (95) Pavement Removal
 - (96) Remove, Asphalt Pavement
 - (97) Pipe Abandon Grout and Fill
 - (99) Remove
 - (Riprap) Uniform Riprap



EARTHWORK BALANCE

Line "BB"	=	2135 cys
Fill +25%	=	4610 cys
Common Excavation	=	0 cys
B-Borrow	=	2475 cys
Waste	=	2475 cys



NOT FOR CONSTRUCTION

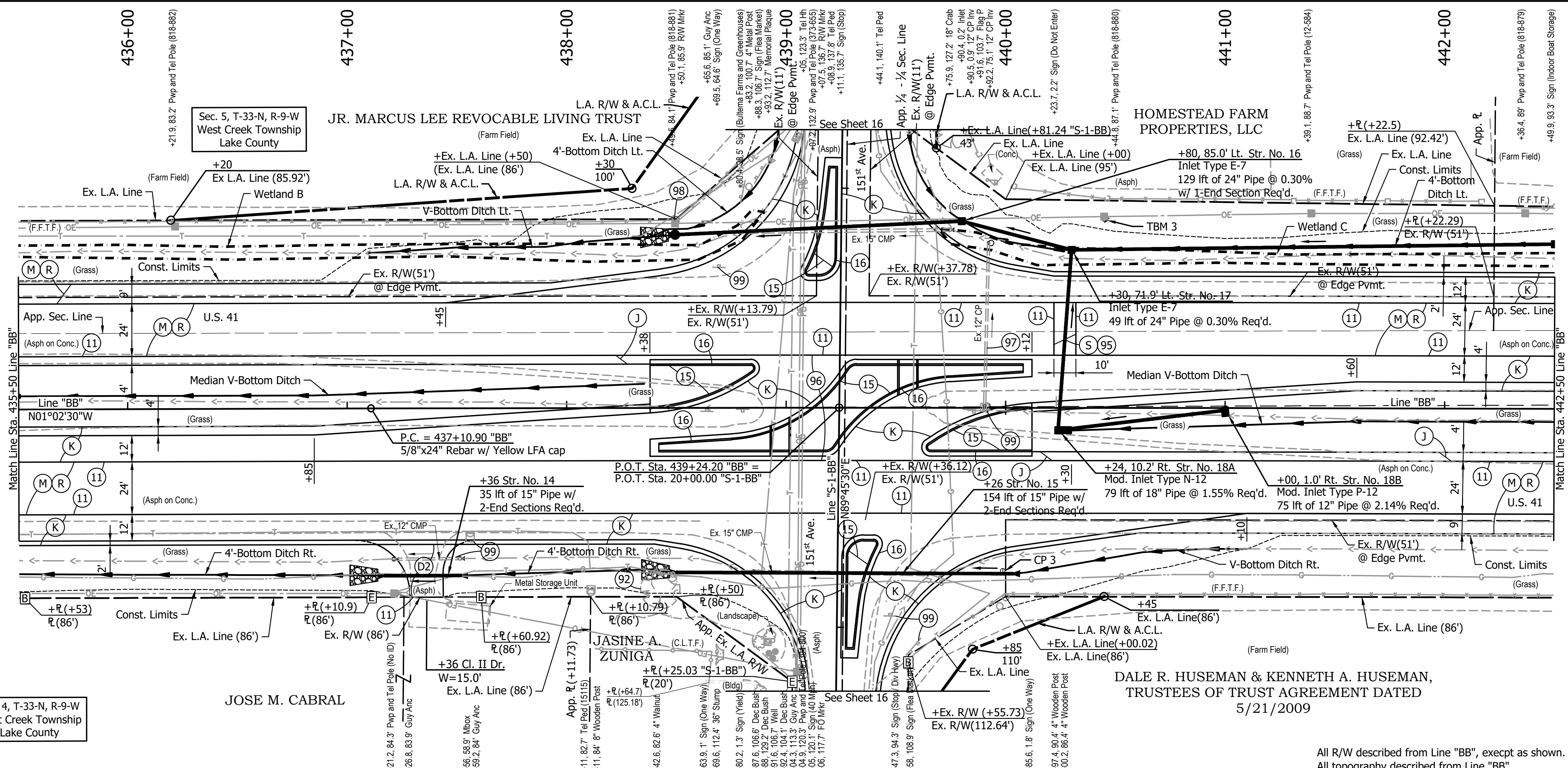
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA
DEPARTMENT OF TRANSPORTATION

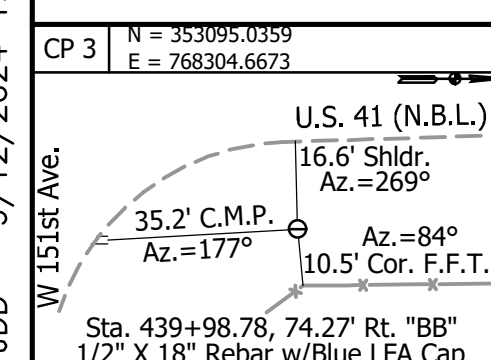
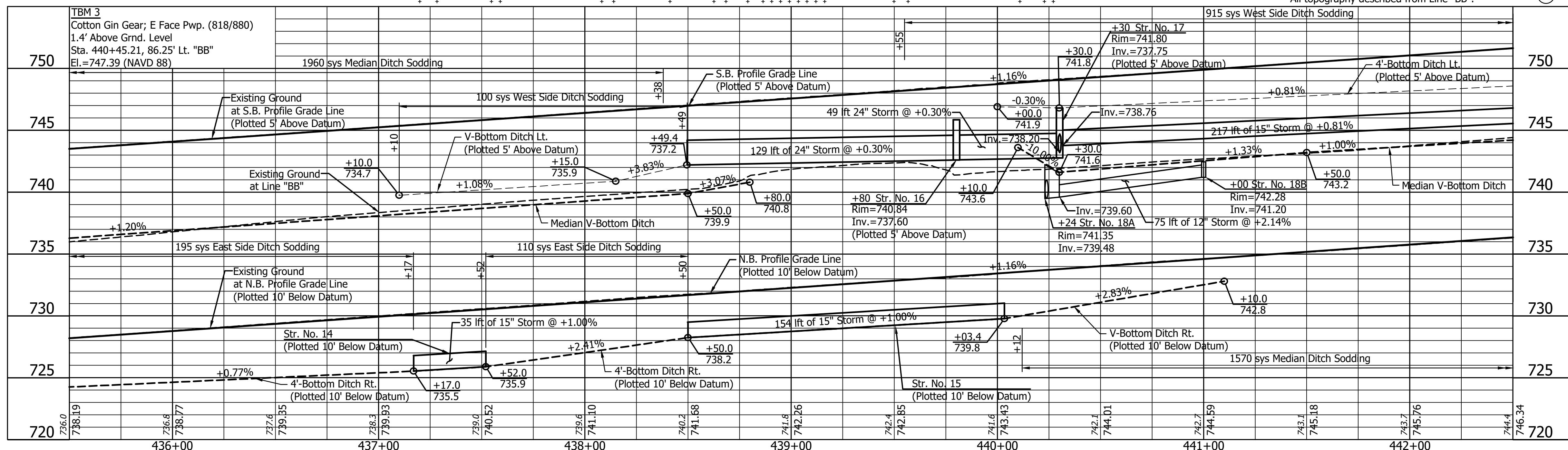
PLAN AND PROFILE - LINE "BB"
STA. 428+00 TO STA. 435+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003098
SURVEY BOOK	SHEETS
	13 of 50
CONTRACT	PROJECT
R-43907	2003098

JDD - 9/12/2024 1:47 PM - U:\2022\2022222 INDOT US 41\Cad\Plan Set\Civil\222240TR_PP02.dwg (222240TR_PP02 - P & P - LINE BB)



- DALE R. HUSEMAN &
KENNETH A.
HUSEMAN, TRUSTEES OF
TRUST AGREEMENT DATED
5/21/2009
- LEGEND:**
- (D2) 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
 - (J) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm on
Widening with HMA, Type D, Consisting of:
275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on
770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm
7.5" Compacted Aggregate, No. 53 on
(As Needed to Match Existing Adjacent Mainline Pavement Thickness)
Subgrade Treatment, Type IC
 - (K) 165 #/sys QC/QA-HMA, 3, 58S, Surface, 9.5 mm on
275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on
770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm
7.5" Compacted Aggregate, No. 53 on
(As Needed to Match Existing Adjacent Mainline Pavement Thickness)
Subgrade Treatment, Type IC
 - (M) Milling, Profile (0" - 4")
 - (R) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
 - (S) HMA for Structure Installation
165 #/sys HMA Surface, Type C on
275 #/sys HMA Intermediate, Type C on
880 #/sys HMA Base, Type C on
6" Compacted Aggregate, No. 53 Base on
Subgrade Treatment, Type II
 - (11) Saw Cut
 - (15) Curb, Island Concrete
 - (16) Curb and Gutter, B, Concrete
 - (92) Remove, Tree
 - (95) Pavement Removal
 - (97) Pipe Abandon Grout and Fill
 - (99) Remove



CP 3	N = 353095.0359 E = 768304.6673	601	N = 352806.0834 E = 768235.1727
U.S. 41 (N.B.L.) 16.6' Shldr. Az.=269°		U.S. 41 Line "BB" (Med.)	
35.2' C.M.P. Az.=177°		21.7' Az.=157°	
10.5' Cor. F.F.T.F.		20.0'	
P.C. Sta. 437+10.90 Line "BB" 5/8"x24" Rebar w/ Yellow LFA Cap		P.C. Sta. 437+10.90 Line "BB" 5/8"x24" Rebar w/ Yellow LFA Cap	

DESIGNED: JDD	DRAWN: GDH
CHECKED: DGD	CHECKED: JDD

NOT FOR
CONSTRUCTION

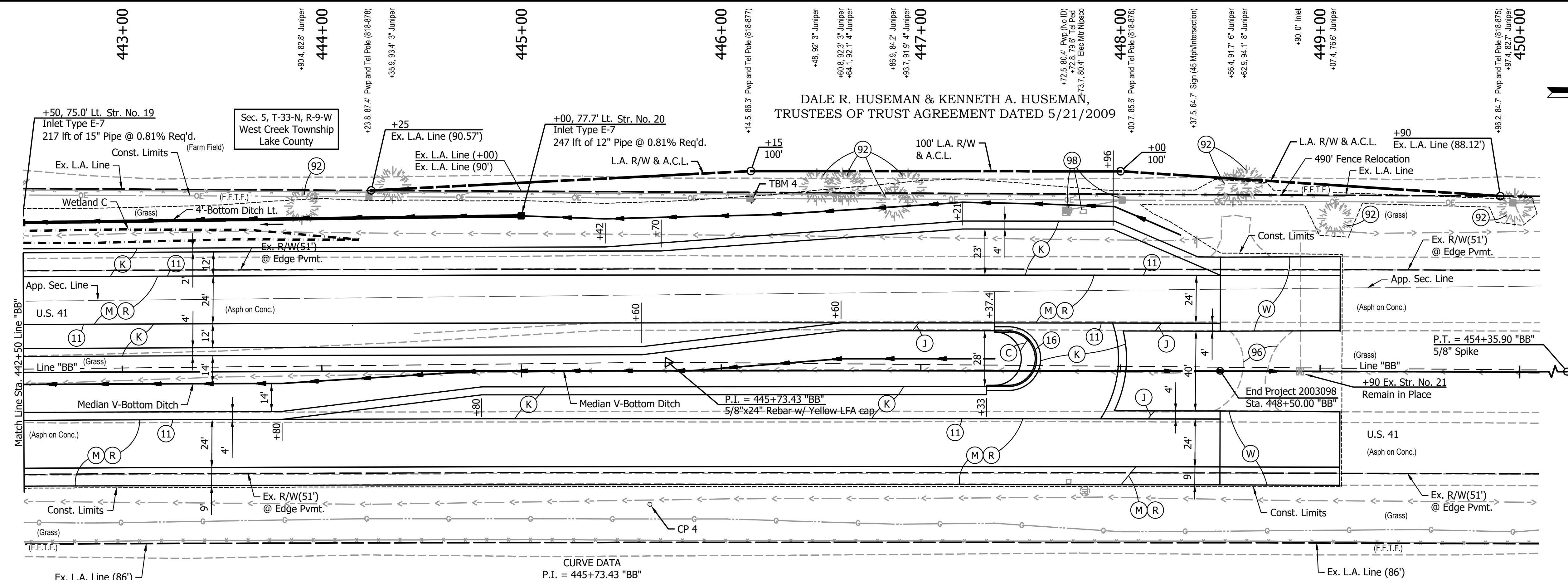
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - LINE "BB"
STA. 435+50 TO STA. 442+50

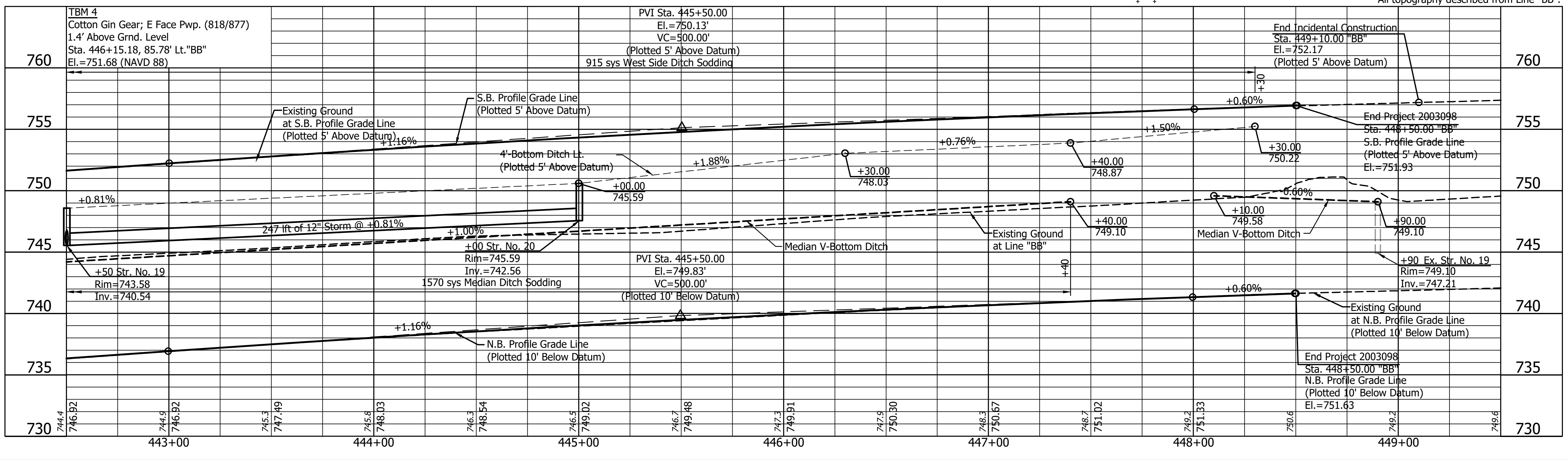
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003098
SURVEY BOOK	SHEETS
	14 of 50
CONTRACT	PROJECT
R-43907	2003098

JDD - 9/12/2024 1:47 PM - U:\2022\20222222 INDOT US 41\Cad\Plan Set\Civil\222240TR_PP03.dwg (222240TR_PP03 - P & P - LINE BB)

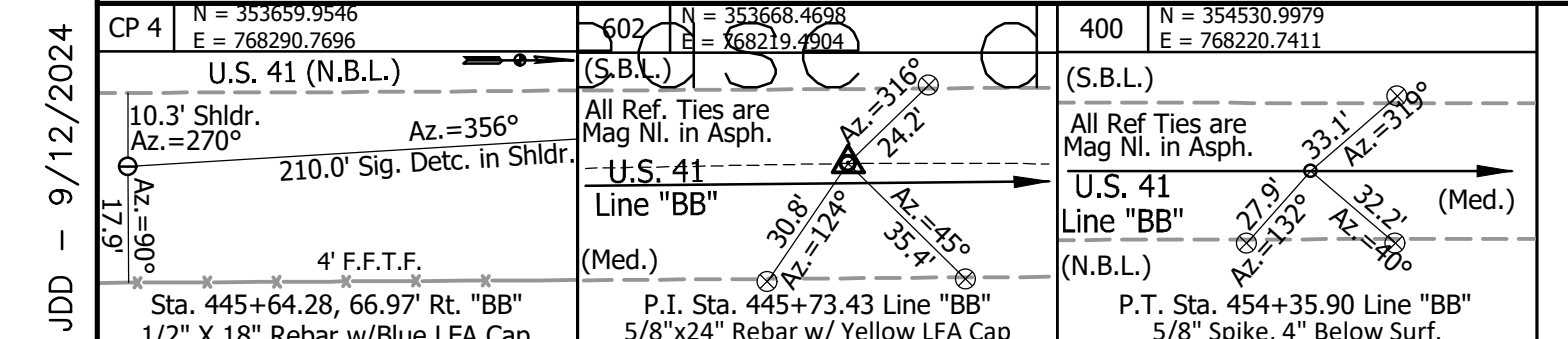


CURVE DATA
 P.I. = 445+73.43 "BB"
 Delta = 1°07'30"
 R = 87863.80 ft
 T = 862.53 ft
 L = 1725.00 ft
 E = 4.23 ft
 S.E. = None

DALE R. HUSEMAN & KENNETH A. HUSEMAN,
 TRUSTEES OF TRUST AGREEMENT DATED 5/21/2009



- LEGEND:**
- (C) PCCP, 8" on 14.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (J) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm on Widening with HMA, Type D, Consisting of: 275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on 770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm 7.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (K) 165 #/sys QC/QA-HMA, 3, 58S, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on 770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm 7.5" Compacted Aggregate, No. 53 on (As Needed to Match Existing Adjacent Mainline Pavement Thickness) Subgrade Treatment, Type IC
 - (M) Milling, Profile (0" - 4")
 - (R) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
 - (W) Transition Milling on 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
 - (11) Saw Cut
 - (15) Curb, Island Concrete
 - (16) Curb and Gutter, B, Concrete
 - (92) Remove, Tree
 - (95) Pavement Removal
 - (96) Remove, Asphalt Pavement
 - (98) Remove, By Others
 - (99) Remove



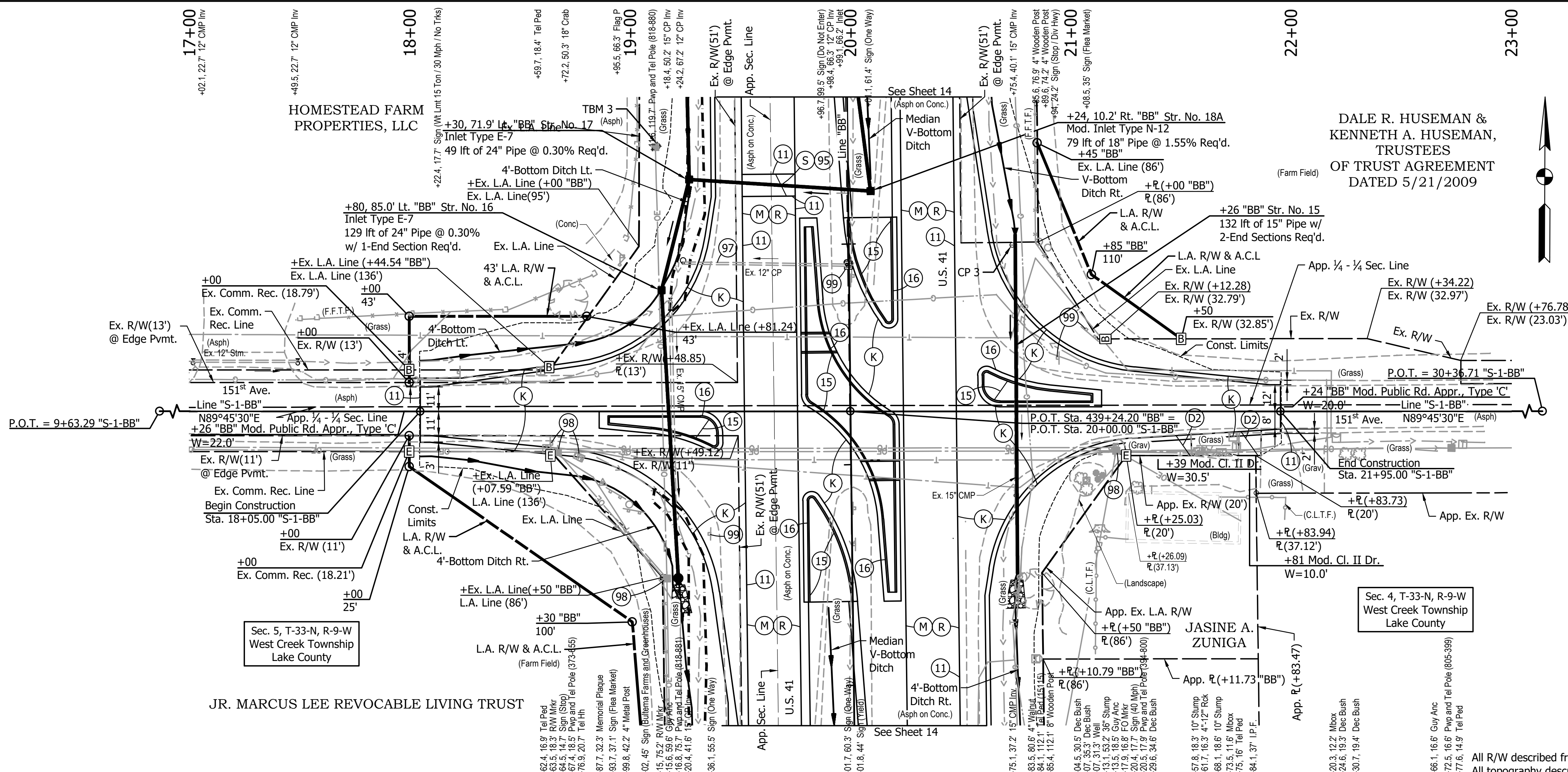
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE - LINE "BB"
 STA. 442+50 TO STA. 449+50

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003098
SURVEY BOOK	SHEETS
	15 of 50
CONTRACT	PROJECT
R-43907	2003098

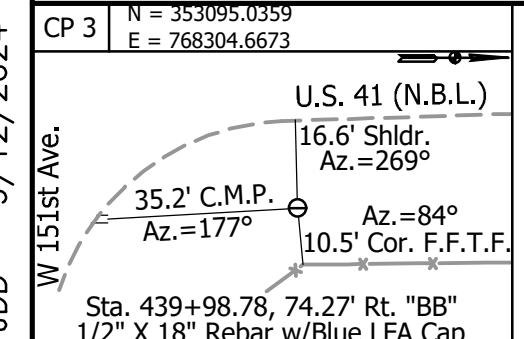
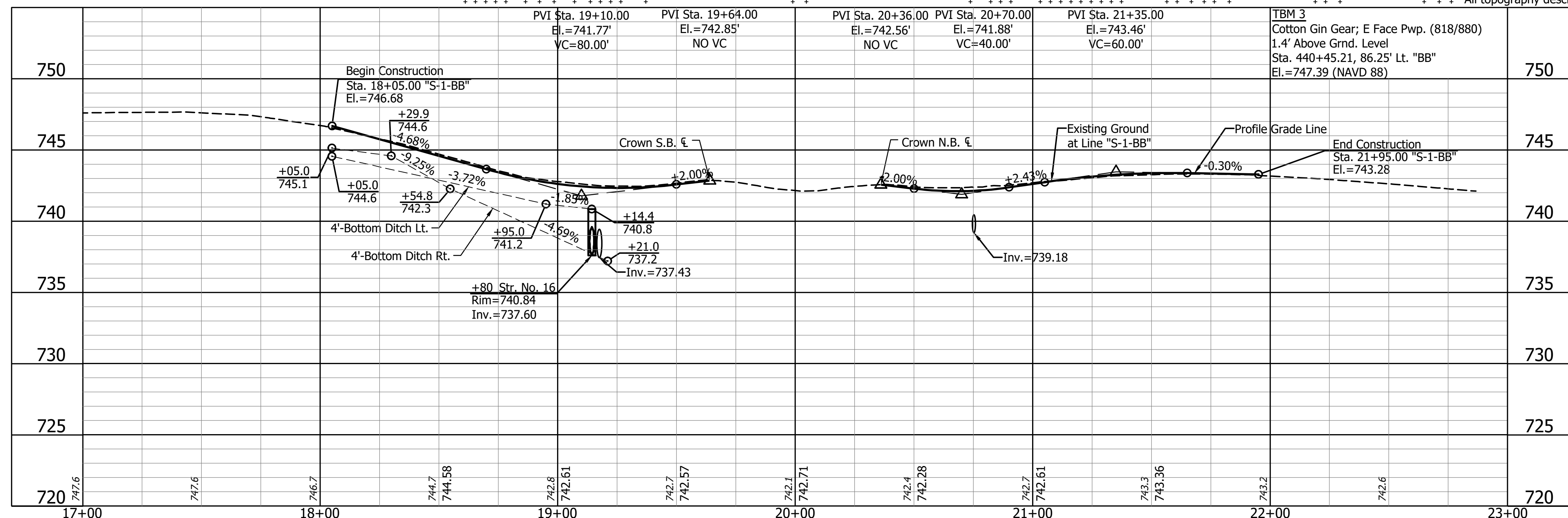
JDD - 9/12/2024 1:47 PM - U:\2022\20222222 INDOT US 41\Cad\Plan Set\Civil\222240TR_PP04.dwg (222240TR_PP04 - P & P - LINE S-1-BB)



DALE R. HUSEMAN & KENNETH A. HUSEMAN, TRUSTEES OF TRUST AGREEMENT DATED 5/21/2009

- LEGEND:**
- (D2) 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
 - (J) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm on
Widening with HMA, Type D, Consisting of:
275 #/sys QC/QA-HMA, 3, 58E, Intermediate, 19.0 mm on
770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm
7.5" Compacted Aggregate, No. 53 on
(As Needed to Match Existing Adjacent Mainline Pavement Thickness)
Subgrade Treatment, Type IC
 - (K) 165 #/sys QC/QA-HMA, 3, 58S, Surface, 9.5 mm on
275 #/sys QC/QA-HMA, 3, 58S, Intermediate, 19.0 mm on
770 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm
7.5" Compacted Aggregate, No. 53 on
(As Needed to Match Existing Adjacent Mainline Pavement Thickness)
Subgrade Treatment, Type IC
 - (M) Milling, Profile (0" - 4")
 - (R) 165 #/sys QC/QA-HMA, 3, 58E, Surface, 9.5 mm
 - (S) HMA for Structure Installation
165 #/sys HMA Surface, Type C on
275 #/sys HMA Intermediate, Type C on
880 #/sys HMA Base, Type C on
6" Compacted Aggregate, No. 53 Base on
Subgrade Treatment, Type II
 - (11) Saw Cut
 - (15) Curb, Island Concrete
 - (16) Curb and Gutter, B, Concrete
 - (95) Pavement Removal
 - (97) Pipe Abandon Grout and Fill
 - (98) Remove, By Others
 - (99) Remove

All R/W described from Line "S-1-BB", except as shown.
All topography described from Line "S-1-BB".



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

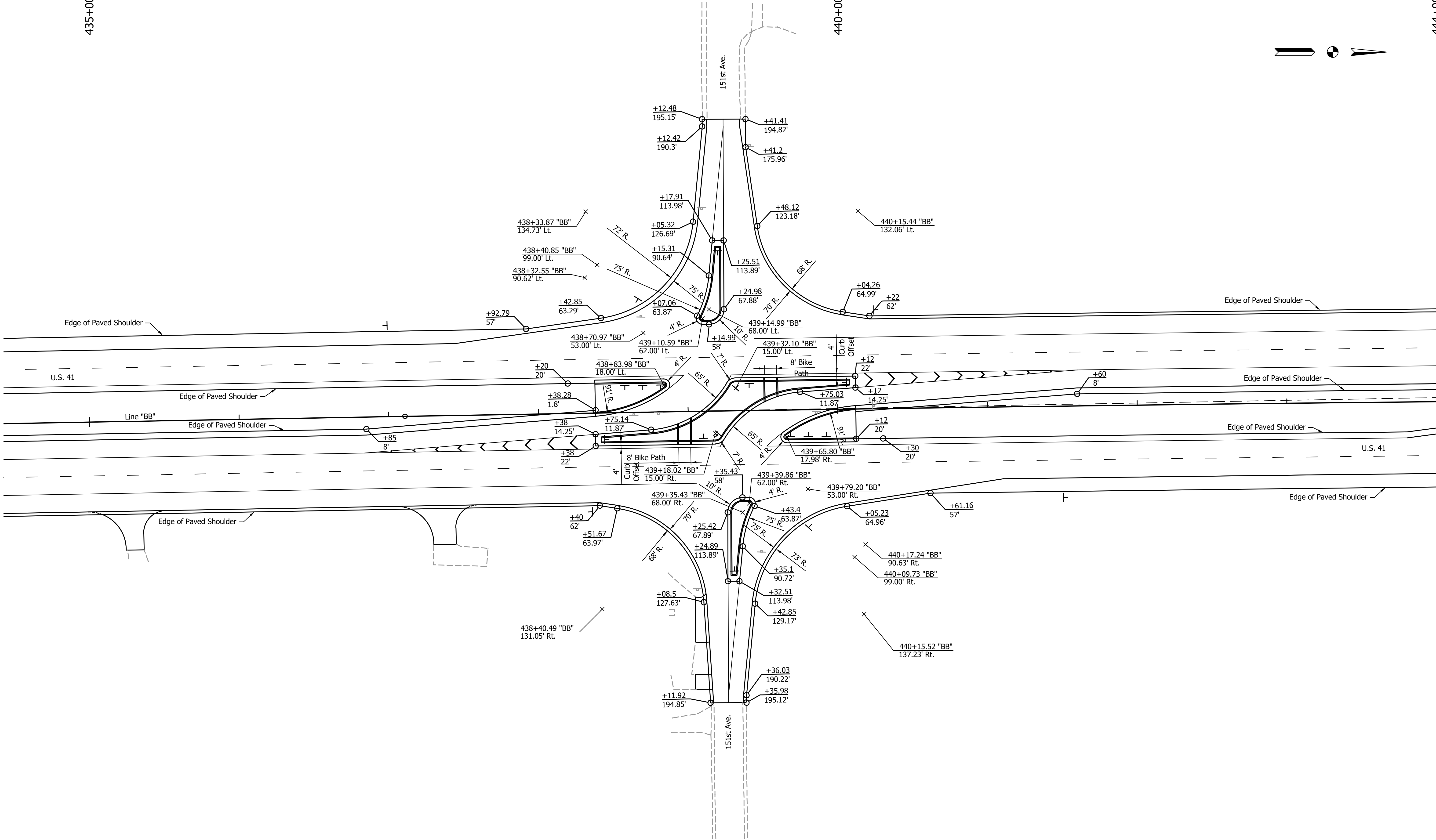
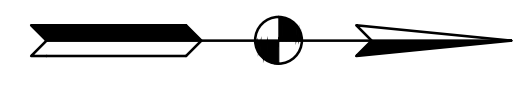
INDIANA DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE - LINE "S-1-BB"
STA. 17+00 TO STA. 23+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003098
SURVEY BOOK	SHEETS
	16 of 50
CONTRACT	PROJECT
R-43907	2003098

435+00

440+00

444+00



JDD - 9/12/2024 1:47 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_ID01.dwg (INT DETAIL)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

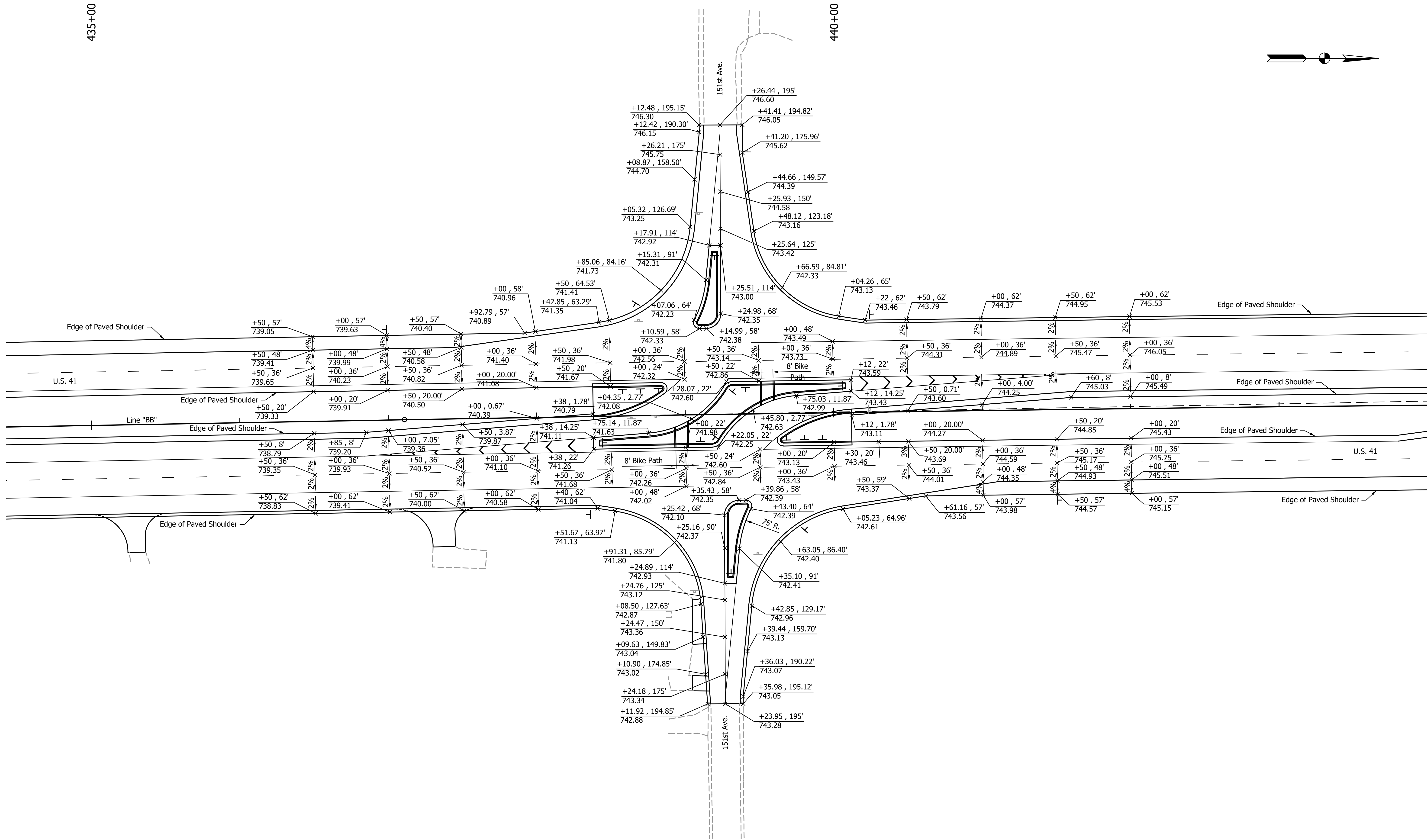
INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 17 of 50
CONTRACT R-43907	PROJECT 2003098

435+00

440+00



JDD - 9/12/2024 1:47 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_ID01.dwg (SPOT EL)

NOT FOR CONSTRUCTION

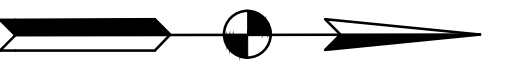
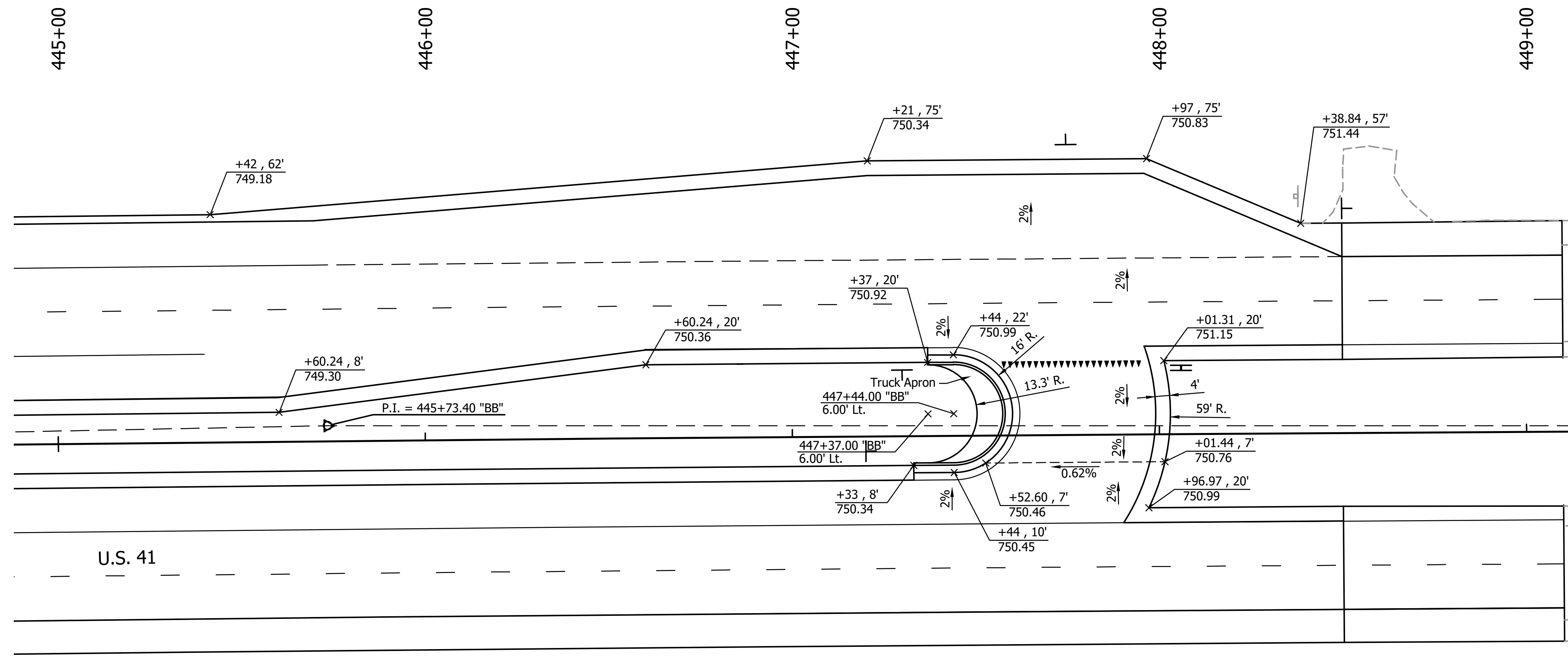
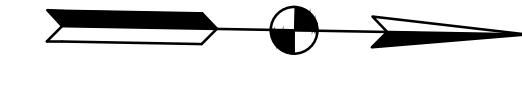
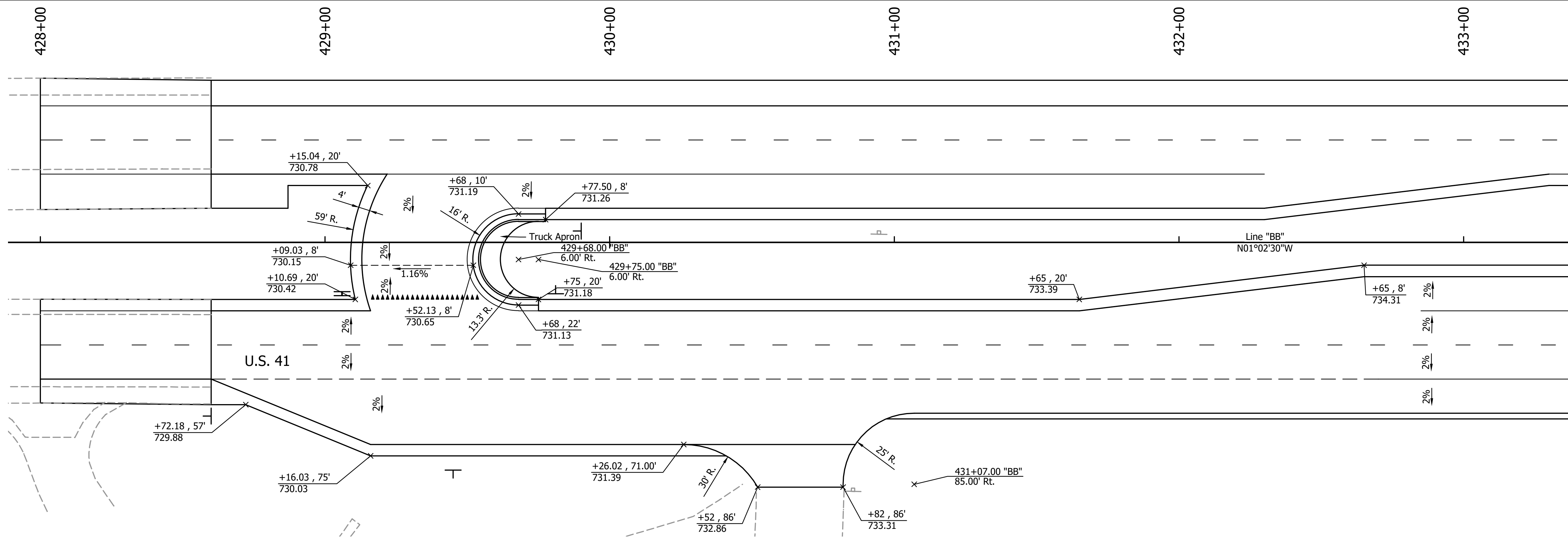
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
SPOT ELEVATIONS

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 18 of 50
CONTRACT R-43907	PROJECT 2003098

JDD - 9/12/2024 1:47 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_ID01.dwg (LOON DETAIL)



NOT FOR CONSTRUCTION

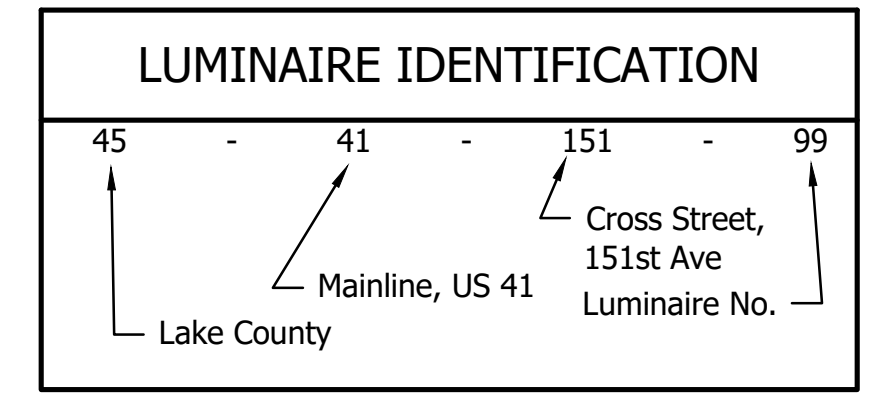
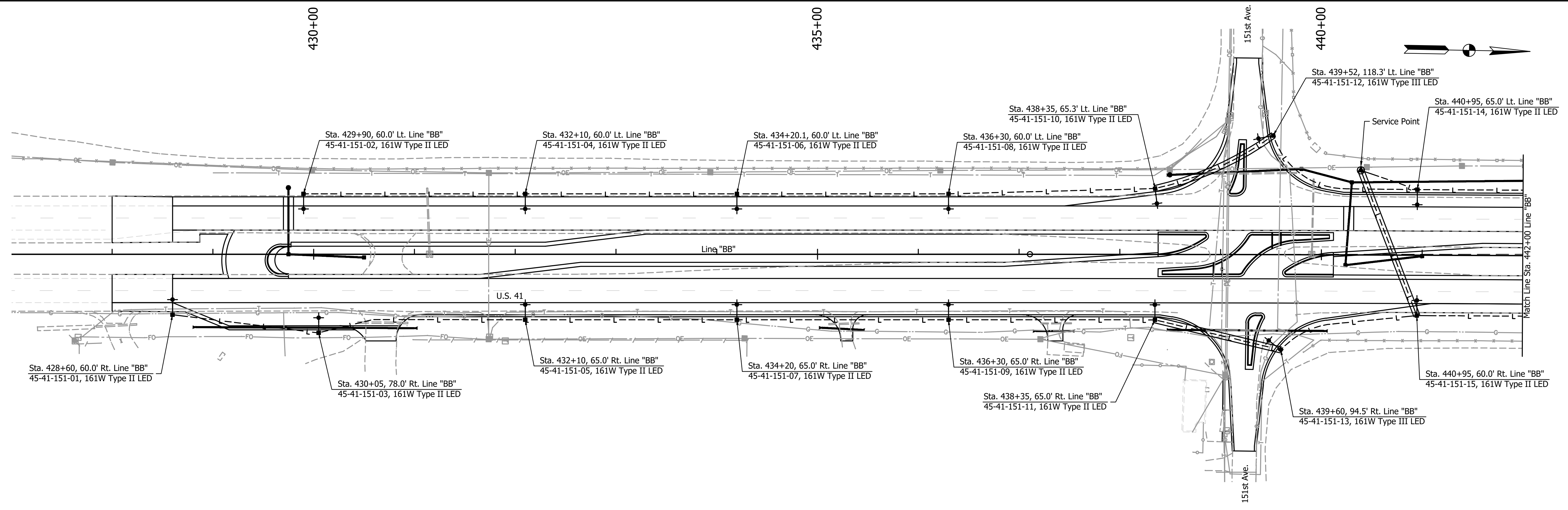
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA
DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAIL
LOON DETAILS**

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 19 of 50
CONTRACT R-43907	PROJECT 2003098

U:\2022\202222 INDOT US 41\Code\Plan Set\Civil\222240LT_PL1.dwg (LIGHTING PL1)



Note:
 Type II Luminaire Shall Provide a Light Distribution Equivalent to RFM-160W48LED4K-G2-R2M.ies. Type III Luminaire Shall Provide a Light Distribution Equivalent to RFM-160W48LED4K-G2-R3M.ies

- LEGEND:**
- Luminaire on Breakaway Light Pole, 40 ft E.M.H., 15 ft Mast Arm, on Lighting Standard Foundation, Concrete with Grounding 36 in. x 36 in. x 96 in.
 - Service Point, Type II
 - 4-1/C No. 4 AWG in Plastic Conduit
 - 4-1/C No. 4 AWG in 2" Sch. 80 HDPE Conduit

NOT FOR CONSTRUCTION

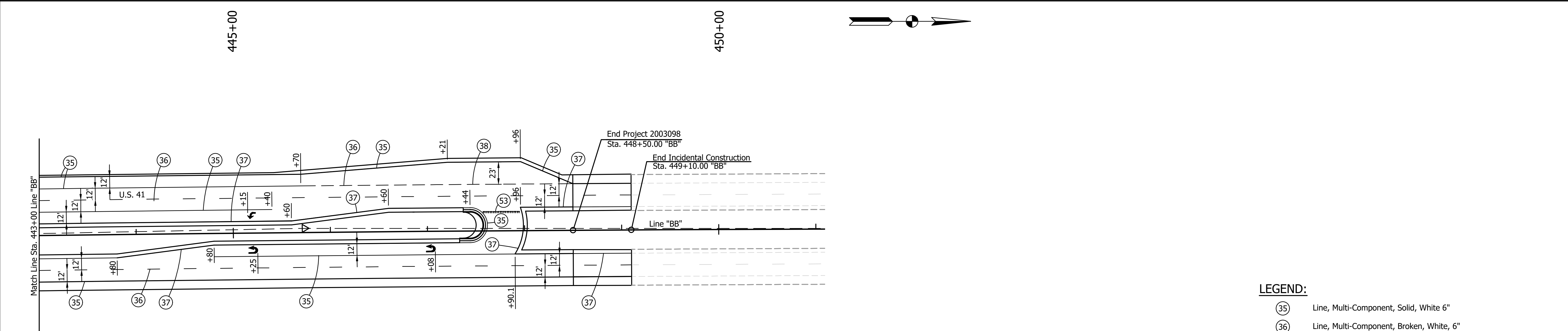
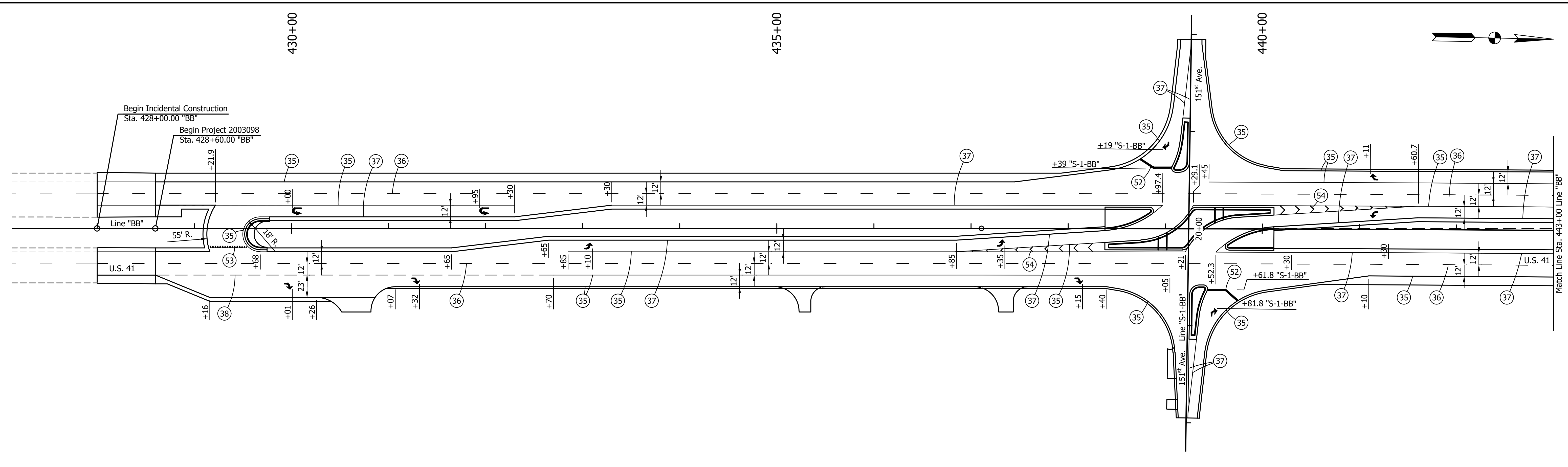
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN LINE "BB"

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 20 of 50
CONTRACT R-43907	PROJECT 2003098

JDD - 9/12/2024 1:48 PM - U:\2022\20222222 INDOT US 41\Cad\Plan Set\Civil\2222240PM_PLO1.dwg (PVMINT MKK)



NOTES:

1. Longitudinal pavement markings along U.S. 41 shall be grooved.
2. Replace all pavement markings removed due to Maintenance of Traffic scheme.

LEGEND:

- (35) Line, Multi-Component, Solid, White 6"
- (36) Line, Multi-Component, Broken, White, 6"
- (37) Line, Multi-Component, Solid, Yellow, 6"
- (38) Line, Multi-Component, Dotted, White, 12"
- (51) Transverse Marking, Multi-Component, Solid, White, Cross Hatch, 12"
- (52) Transverse Marking, Multi-Component, Stop Line, White, 24"
- (53) Transverse Marking, Multi-Component, Yield Line, White, 18"
- (54) Transverse Marking, Multi-Component, Cross Hatch Line, White, 8"
- ↩ or ↪ or ↻ Pavement Message Marking, Multi-Component, Turn Arrow

NOT FOR CONSTRUCTION

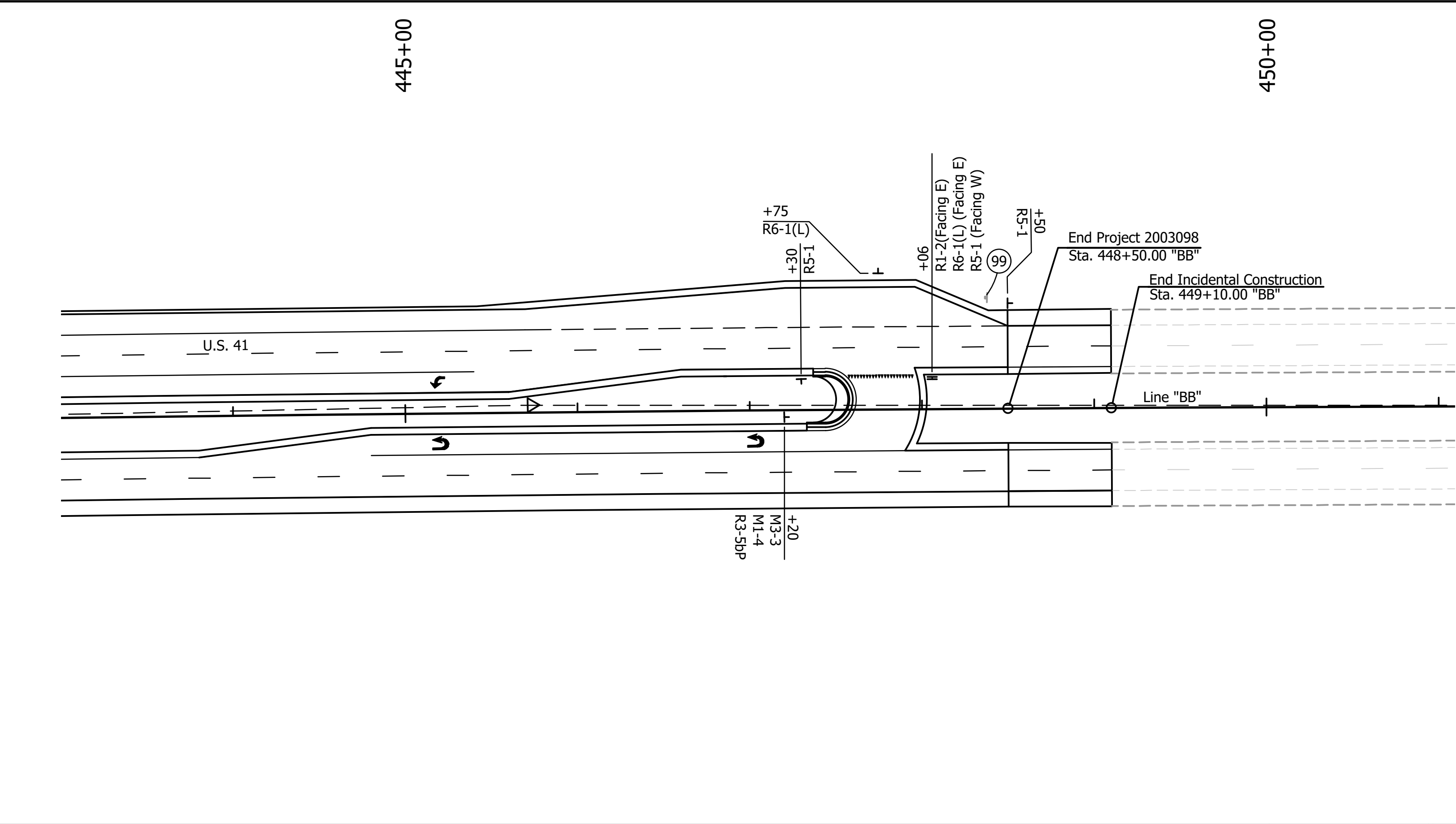
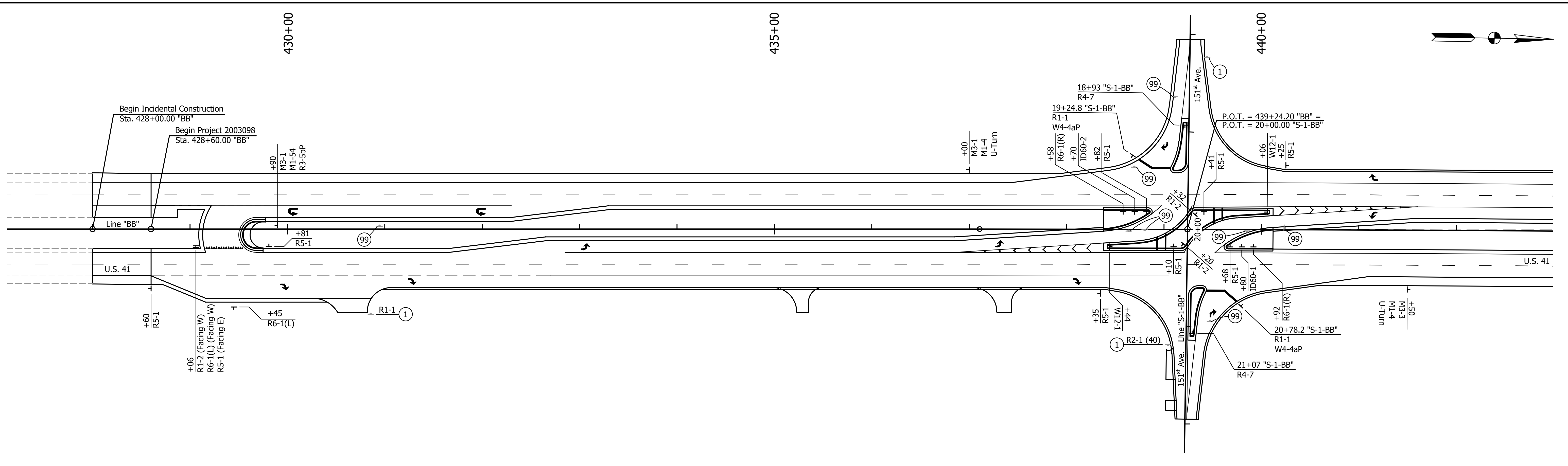
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 21 of 50
CONTRACT R-43907	PROJECT 2003098

DDE - 9/12/2024 1:48 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240SN_PL01.dwg (SIGNING PLAN)



SOUTH 151st Ave NORTH

ID60-1
108" x 72"

NORTH 151st Ave SOUTH

ID60-2
108" x 72"

M1-4
24" x 24"

M3-1, M3-3
24" x 12"

STOP
R1-1
36" x 36"

YIELD
R1-2
48" x 48" x 48"

SPEED LIMIT 40
R2-1(40)
30" x 36"

LEFT LANE
R3-5bP
30" x 12"

R4-7
24" x 30"

DO NOT ENTER
R5-1
36" x 36"

ONE WAY
R6-1(L or R)
54" x 18"

U-TURN
24" x 24"

TRAFFIC FROM LEFT DOES NOT STOP
W4-4aP
24" x 12"

W12-1
36" x 36"

LEGEND:

① No Changes to Existing Sign or Supports

99 Remove

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGD	CHECKED: JDD	

INDIANA DEPARTMENT OF TRANSPORTATION

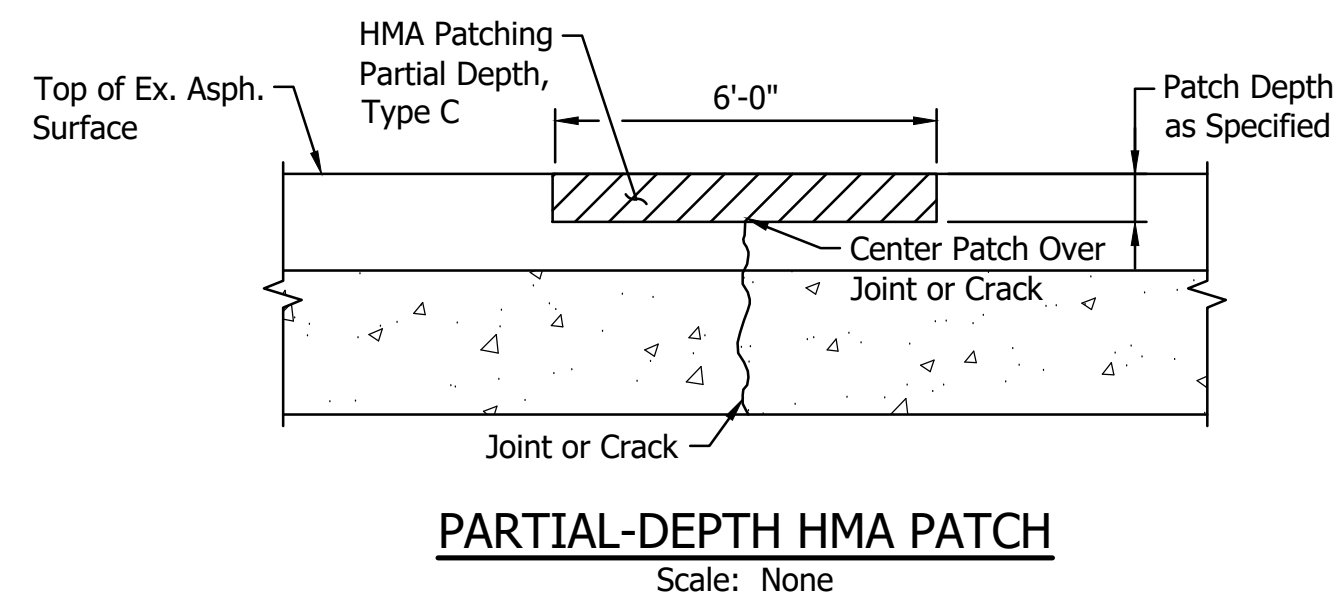
SIGNING PLAN

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 22 of 50
CONTRACT R-43907	PROJECT 2003098

JDD - 9/12/2024 1:48 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TB_PS.dwg (PATCHING TABLE)

PATCHING SUMMARY TABLE											
START STATION	DIRECTION	LOCATION	TYPE OF PATCHING	LANE	HMA DEPTH	WIDTH	LENGTH	AREA	CONCRETE PAVEMENT REMOVE	HMA FOR PATCHING, TYPE C	SUBGRADE TREATMENT, TYPE II
					IN	FT	FT	SYS	SYS	TONS	SYS
Line "BB"											
433+50	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	54	24			
434+35	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	27	12			
435+62	N.B.	Full Lane	Partial Depth	Driving	4	12	6	8			
436+24	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	158	70			
439+86	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	160	71			
442+07	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	35	15			
442+84	N.B.	Full Lane	Partial Depth	Driving/Passing	4	24	6	16			
442+99	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	91	40			
443+69	N.B.	Full Lane	Partial Depth	Driving/Passing	4	24	6	16			
444+14	N.B.	Full Lane	Partial Depth	Passing	4	12	6	8			
444+16	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	50	22			
444+93	N.B.	Full Lane	Partial Depth	Driving	4	12	6	8			
445+10	N.B.	Full Lane	Partial Depth	Driving	4	12	6	8			
445+23	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	178	79			
445+89	N.B.	Full Lane	Partial Depth	Driving	4	12	6	8			
447+22	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	29	13			
448+40	N.B.	Outside Wheel Path	Partial Depth	Driving	4	4	30	14			
448+69	N.B.	Full Lane	Partial Depth	Driving/Passing	4	24	6	16			
							Total	449			

PATCHING AREAS	
PARTIAL DEPTH HMA PATCH	FULL DEPTH HMA PATCH
TONS	TONS



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: JDD _____	

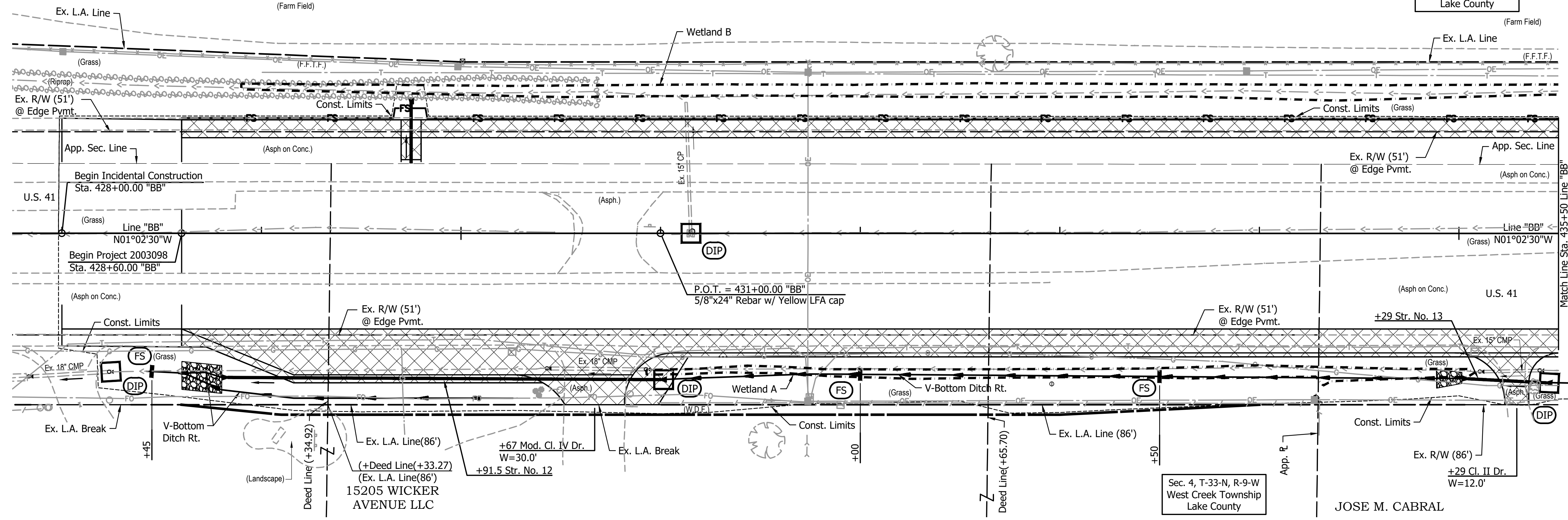
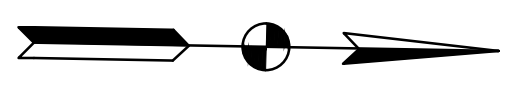
INDIANA DEPARTMENT OF TRANSPORTATION
PATCHING SUMMARY TABLE

SCALE	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 23 of 50
CONTRACT R-43907	PROJECT 2003098

428+00 429+00 430+00 431+00 432+00 433+00 434+00 435+00

JR. MARCUS LEE REVOCABLE LIVING TRUST

Sec. 5, T-33-N, R-9-W
West Creek Township
Lake County



- LEGEND:**
- Construction Area
 - Construction Limits
 - Ditch Inlet Protection, Filter Sock
 - Filter Sock
 - Proposed Ditch Center Line
 - Temporary Check Dam, Transversable, Filter Sock

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: PJV _____	
CHECKED: DGD _____	CHECKED: JDD _____	

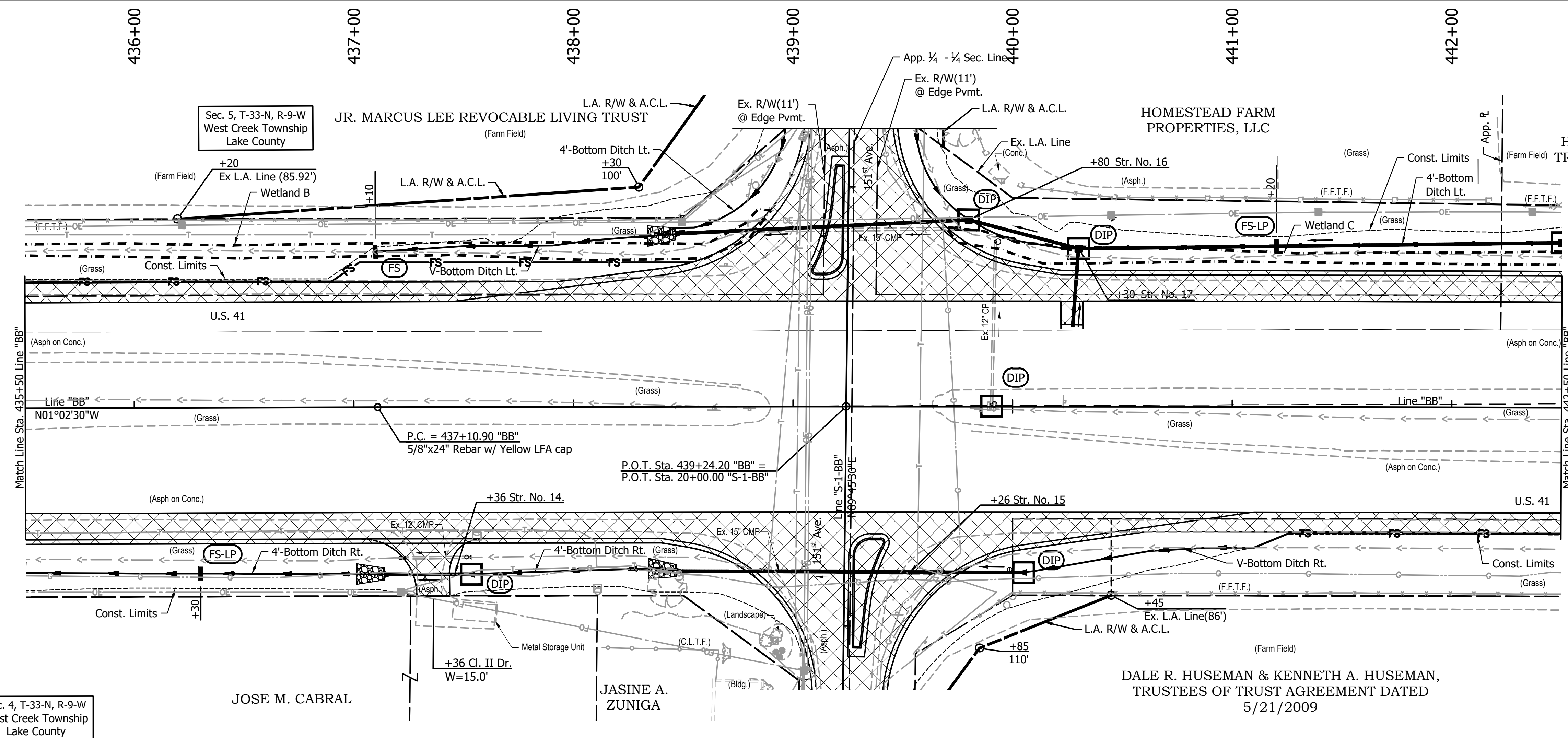
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - PHASE I
STA. 428+00 TO STA. 435+50 - LINE "BB"**

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 24 of 50
CONTRACT R-43907	PROJECT 2003098

DDE - 9/12/2024 1:48 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_ECO1.dwg (EC - 01 - PH I)

DDE - 9/12/2024 1:48 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_EC02.dwg (EC - 02 - PH 1)



DALE R. HUSEMAN &
KENNETH A.
HUSEMAN, TRUSTEES OF
TRUST AGREEMENT DATED
5/21/2009

- LEGEND:**
- Construction Area
 - Construction Limits
 - Ditch Inlet Protection, Filter Sock
 - Filter Sock
 - Proposed Ditch Center Line
 - Temporary Check Dam, Transversable, Low Profile, Filter Sock
 - Temporary Check Dam, Transversable, Filter Sock

**NOT FOR
CONSTRUCTION**

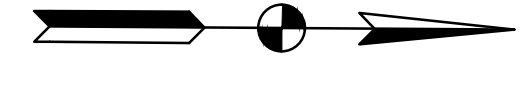
RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD	DRAWN: PJV
CHECKED: DGD	CHECKED: JDD

**INDIANA
DEPARTMENT OF TRANSPORTATION**

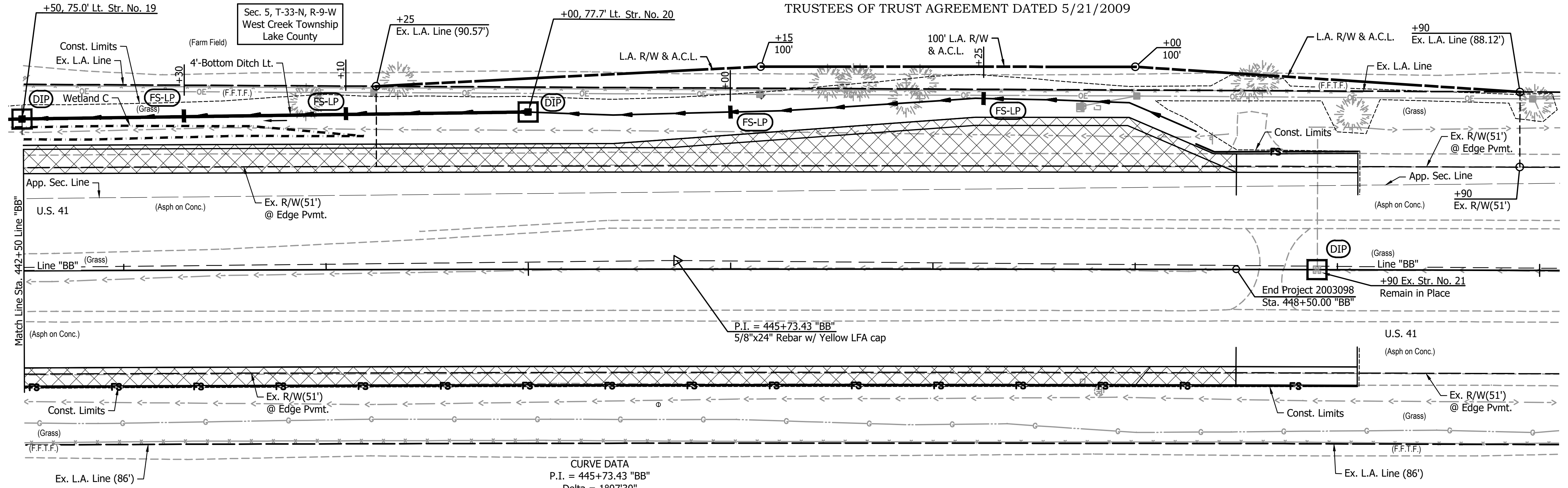
**EROSION CONTROL PLAN - PHASE I
STA. 435+50 TO STA. 442+50 - LINE "BB"**

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 25 of 50
CONTRACT R-43907	PROJECT 2003098

443+00 444+00 445+00 446+00 447+00 448+00 449+00 450+00



DALE R. HUSEMAN & KENNETH A. HUSEMAN,
TRUSTEES OF TRUST AGREEMENT DATED 5/21/2009





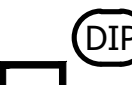



CURVE DATA
P.I. = 445+73.43 "BB"
Delta = 1°07'30"
R = 87863.80 ft
T = 862.53 ft
L = 1725.00 ft
E = 4.23 ft
S.E. = None

DALE R. HUSEMAN & KENNETH A. HUSEMAN,
TRUSTEES OF TRUST AGREEMENT DATED 5/21/2009

End Project 2003098
Sta. 448+50.00 "BB"

U.S. 41
(Asph on Conc.)

(Farm Field)

- LEGEND:**
-  Construction Area
 -  Construction Limits
 -  Ditch Inlet Protection, Filter Sock
 -  Filter Sock
 -  Proposed Ditch Center Line
 -  Temporary Check Dam, Transversable, Low Profile, Filter Sock

DDE - 9/12/2024 1:48 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_EC03.dwg (EC - 03 - PH 1)

NOT FOR CONSTRUCTION

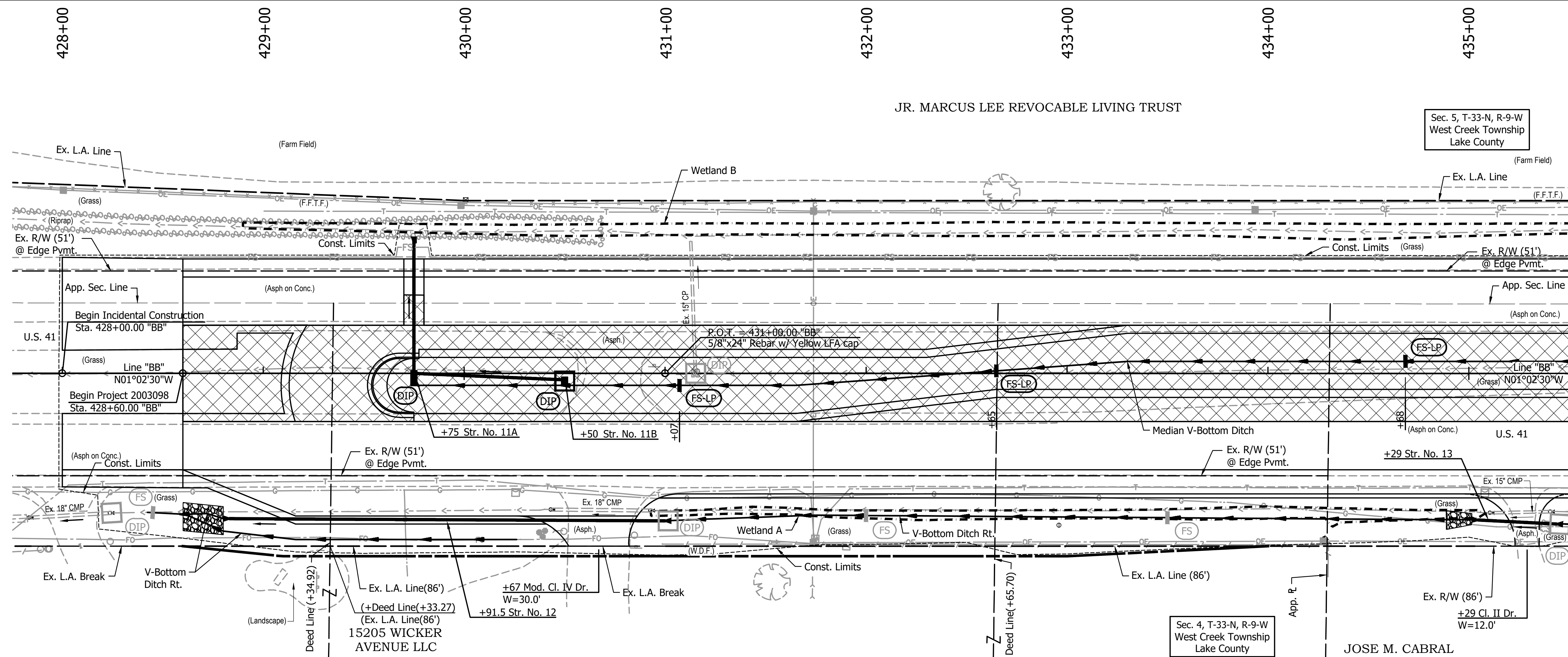
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: PJV	
CHECKED: DGD	CHECKED: JDD	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - PHASE I
STA. 442+50 TO STA. 449+50 - LINE "BB"**

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 26 of 50
CONTRACT R-43907	PROJECT 2003098

JDD - 9/12/2024 1:48 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_ECO4.dwg (EC - 04 - PH II)







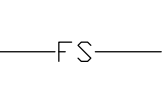



JR. MARCUS LEE REVOCABLE LIVING TRUST

Sec. 5, T-33-N, R-9-W
West Creek Township
Lake County

Sec. 4, T-33-N, R-9-W
West Creek Township
Lake County

JOSE M. CABRAL

LEGEND:

-  Construction Area
-  Construction Limits
-  Ditch Inlet Protection, Filter Sock Installed in Phase I
-  Ditch Inlet Protection, Filter Sock
-  Filter Sock Installed in Phase 1
-  Proposed Ditch Center Line
-  Temporary Check Dam, Transversable, Filter Sock Installed in Phase I
-  Temporary Check Dam, Transversable, Low Profile, Filter Sock

NOT FOR CONSTRUCTION

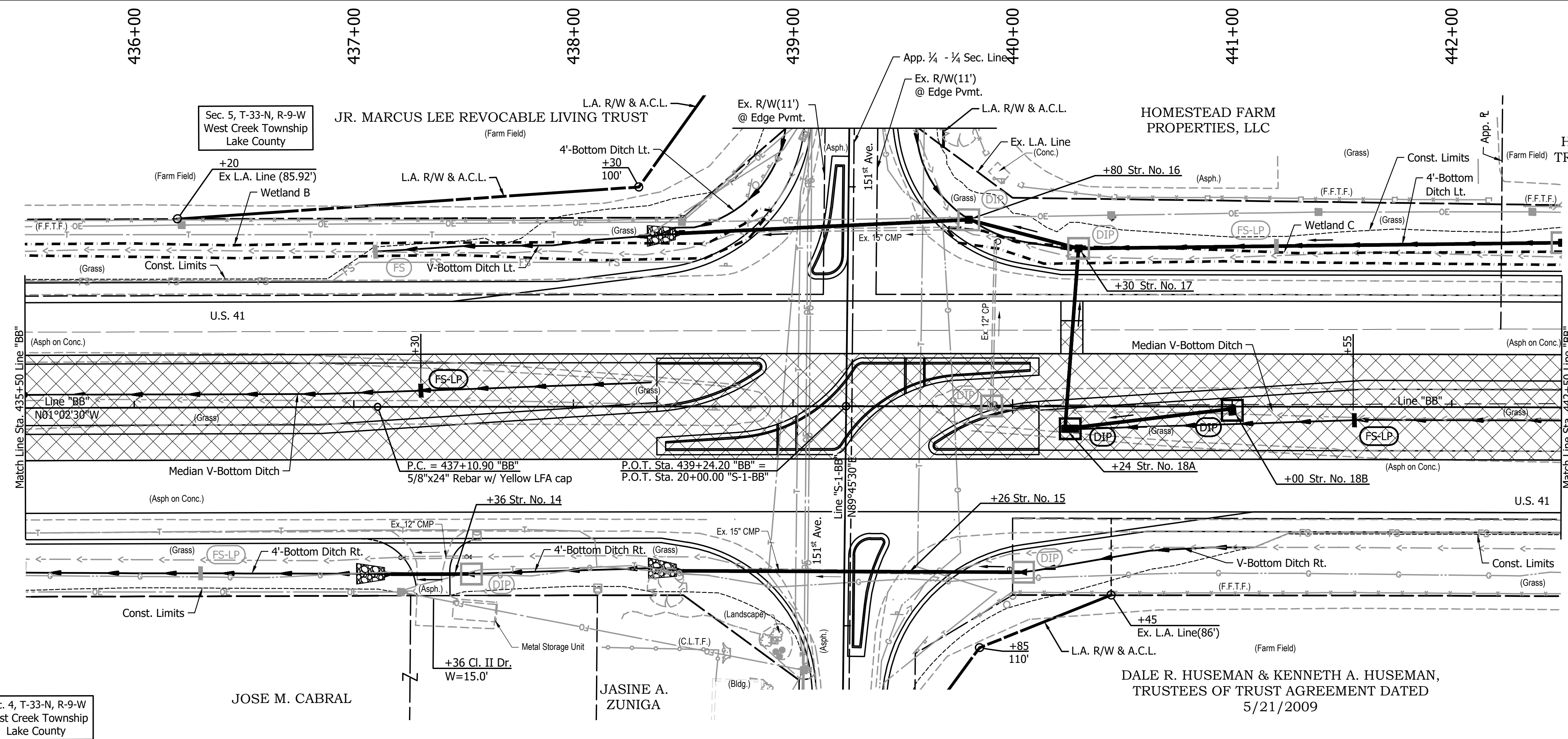
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: PJV _____	
CHECKED: DGD _____	CHECKED: JDD _____	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - PHASE II
STA. 428+00 TO STA. 435+50 - LINE "BB"**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 2003098
SURVEY BOOK	SHEETS 27 of 50
CONTRACT R-43907	PROJECT 2003098

JDD - 9/12/2024 1:49 PM - U:\2022\2022222 INDOT US 41\Cad\Plan Set\Civil\222240TR_EC05.dwg (EC - 05 - PH II)



DALE R. HUSEMAN &
KENNETH A.
HUSEMAN, TRUSTEES OF
TRUST AGREEMENT DATED
5/21/2009

- LEGEND:**
- Construction Area
 - Construction Limits
 - Ditch Inlet Protection, Filter Sock Installed in Phase I
 - Ditch Inlet Protection, Filter Sock
 - Filter Sock Installed in Phase 1
 - Proposed Ditch Center Line
 - Temporary Check Dam, Transversable, Filter Sock Installed in Phase I
 - Temporary Check Dam, Transversable, Low Profile, Filter Sock, Installed in Phase I
 - Temporary Check Dam, Transversable, Low Profile, Filter Sock

NOT FOR CONSTRUCTION

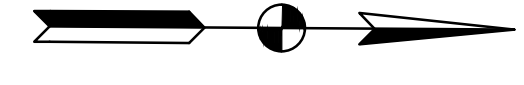
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: PJV	
CHECKED: DGD	CHECKED: JDD	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

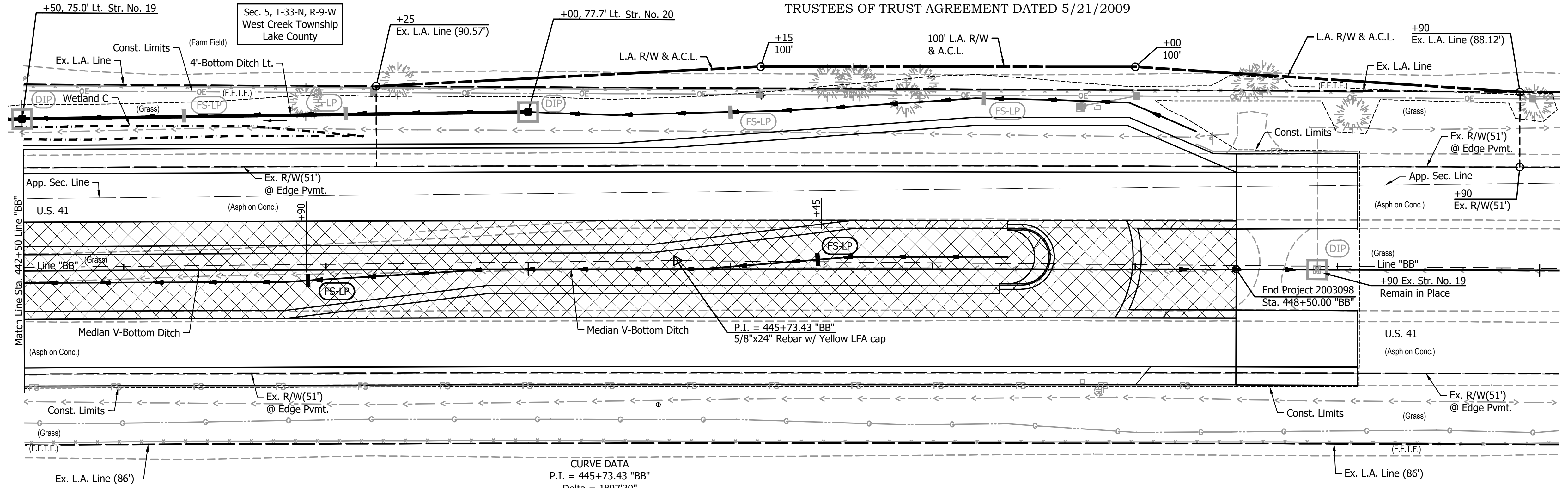
**EROSION CONTROL PLAN - PHASE II
STA. 435+50 TO STA. 442+50 - LINE "BB"**

SCALE 1" = 30"	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 28 of 50
CONTRACT R-43907	PROJECT 2003098

443+00 444+00 445+00 446+00 447+00 448+00 449+00 450+00



DALE R. HUSEMAN & KENNETH A. HUSEMAN,
TRUSTEES OF TRUST AGREEMENT DATED 5/21/2009



CURVE DATA
P.I. = 445+73.43 "BB"
Delta = 1°07'30"
R = 87863.80 ft
T = 862.53 ft
L = 1725.00 ft
E = 4.23 ft
S.E. = None

DALE R. HUSEMAN & KENNETH A. HUSEMAN,
TRUSTEES OF TRUST AGREEMENT DATED 5/21/2009

- LEGEND:**
- Construction Area
 - Construction Limits
 - Ditch Inlet Protection, Filter Sock Installed in Phase I
 - Filter Sock Installed in Phase I
 - Proposed Ditch Center Line
 - Temporary Check Dam, Transversable, Low Profile, Filter Sock, Installed in Phase I
 - Temporary Check Dam, Transversable, Low Profile, Filter Sock

JDD - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TR_EC06.dwg (EC - 06 - PH II)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: PJV	
CHECKED: DGD	CHECKED: JDD	

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - PHASE II
STA. 442+50 TO STA. 449+50 - LINE "BB"

SCALE 1" = 30'	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS 29 of 50
CONTRACT R-43907	PROJECT 2003098

DDE - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TB_EC.dwg (EC TABLE)

EROSION CONTROL SUMMARY TABLE - PHASE 1															
FROM STATION	TO STATION	LOCATION			TEMPORARY SILT FENCE	TEMPORARY DITCH INLET PROTECTION	FILTER SOCK	TEMPORARY SEDIMENT TRAP	DIVERSION INTERCEPTOR, TYPE C	SEDIMENT, REMOVE	CURB INLET PROTECTION	EROSION CONTROL BLANKET	CHECK DAM TRANSVERSABLE, FILTER SOCK, LOW PROFILE	CHECK DAM TRANSVERSABLE, FILTER SOCK	REMARKS
		LEFT	MEDIAN	RIGHT											
		LFT	EACH	RHT	LFT	EACH	TON	FT	CYS	EACH	SYS	LFT	LFT		
Line "BB"															
428+25				X	1				1						
428+45				X									12		
428+60	438+54	X				1,005									
431+00				X	1				1						
431+15			X		1				1						
432+00				X									12		
433+50				X									12		
435+45				X	1				1						
436+30				X								12			
437+00		X											12		
437+36				X	1				1						
439+80		X			1				1						
439+90			X		1				1						
440+00				X	1				1						
440+30		X			1				1						
441+10	448+50			X		745									
441+20		X										12			
442+50		X			1				1						
443+30		X										12			
444+10		X										12			
445+00		X			1				1						
446+00		X										12			
447+25		X										12			
448+30	449+10	X				85									
448+90			X		1				1						
TOTALS					12	1835			12			72	48		

EROSION CONTROL SUMMARY TABLE - PHASE 2															
FROM STATION	TO STATION	LOCATION			TEMPORARY SILT FENCE	TEMPORARY DITCH INLET PROTECTION	FILTER SOCK	TEMPORARY SEDIMENT TRAP	DIVERSION INTERCEPTOR, TYPE C	SEDIMENT, REMOVE	CURB INLET PROTECTION	EROSION CONTROL BLANKET	CHECK DAM TRANSVERSABLE, FILTER SOCK, LOW PROFILE	CHECK DAM TRANSVERSABLE, FILTER SOCK	REMARKS
		LEFT	MEDIAN	RIGHT											
		LFT	EACH	RHT	LFT	EACH	TON	FT	CYS	EACH	SYS	LFT	LFT		
Line "BB"															
429+75				X	1				1						
430+50				X	1				1						
431+07				X									12		
432+65				X									12		
434+68				X									12		
437+30				X									12		
440+24				X	1				1						
441+00				X	1				1						
441+55				X									12		
443+90				X									12		
446+45				X									12		
TOTALS					4				4				84		

EROSION CONTROL SUMMARY TABLE	
TEMPORARY SEEDING	TEMPORARY MULCH
LBS	TON
230	4

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE _____	BRIDGE FILE _____
DESIGNED: JDD _____	DRAWN: GDH _____		EROSION CONTROL SUMMARY TABLE	SURVEY BOOK _____
CHECKED: DGD _____	CHECKED: JDD _____		CONTRACT R-43907	PROJECT 2003098

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADIUS	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE				GRADE	EXCAVATION		SUBBASE FOR PCCP	D-1 COMPACTION JOINT	CLEAR ZONE AT DRIVE	HMA FOR APPROACHES TYPE B			QC/QA-PCCP, 10"	QC/QA - HMA MATERIALS						SUBGRADE TREATMENT		HMA MATERIAL FOR		COMPACTED AGGREGATE, NO. 53		COMPACTED AGGREGATE, NO. 73		PCCP		DENSE GRADED SUBBASE	LIQUID ASPHALT SEALANT	JOINT ADHESIVE, SURFACE	GEOGRID, TYPE 1B	REMARKS				
						DENSE GRADED SUBBASE	PCCP FOR APPROACHES				SUBGRADE TREATMENT	LBS PER SYD				2, 64 SURFACE 9.5 mm	3, 58E SURFACE 9.5 mm	2, 64 INTERMD. 12.5 mm		3, 58E INTERMD. 19.0 mm	3, 58S BASE 19.0 mm	WIDENING WITH HMA, TYPE D	HMA FOR STRUCTURE INSTALLATION, TYPE C	TYPE	PRIME COAT	TACK COAT	DEPTH		DEPTH		DEPTH													
							DEPTH	DEPTH	DEPTH			TYPE															165	275	660	220	165	220	275	770	1045						1210	660	II	IC
						6 IN.	6 IN.	9 IN.	II		1	2				3	CUT	FILL + 25%		165	275	660	220	165	220	275	770	1045	1210	660	II	IC	VARIES	6 IN.	6 IN.						9 IN.	6 IN.	8 IN.	6 IN.
						FT	FT	FT	FT		CYS	CYS				CYS	SYS	%		%	%	CYS	CYS	CYS	LFT	FT	TONS	TONS	TONS	SYS	TONS	TONS	TONS	TONS	TONS						TONS	TONS	SYS	SYS
Line "BB"																																												
Mainline																																												
429+50	Truck Apron																																											
430+67 Rt.	Mod. Cl. IV Dr.	30	26,15	25,30																																								
435+29 Rt.	Cl. II Dr.	12	26	15,25																																								
437+36 Rt.	Cl. II Dr.	15	26	15,25																																								
439+24 Lt.	Mod. Type 'C' Public Rd. Appr.	22	147	70,75																																								
439+26 Rt.	Mod. Type 'C' Public Rd. Appr.	20	147	75,70																																								
447+50	Truck Apron																																											
Line "S-1-BB"																																												
21+39 Rt.	Mod. Cl. II Dr.	30.5	10																																									
21+81 Rt.	Mod. Cl. II Dr.	10	11																																									
TOTALS																																												

GDH - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TB_AP.dwg (222240TB_AP - APPR. TABLE)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: DGA _____	DRAWN: GDH _____	
CHECKED: DGD _____	CHECKED: DGA _____	

INDIANA DEPARTMENT OF TRANSPORTATION

APPROACH TABLE

SCALE _____	BRIDGE FILE _____
DESIGNATION 2003098	
SURVEY BOOK _____	SHEETS 31 of 50
CONTRACT R-43907	PROJECT 2003098

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					PIPE TYPE	DESCRIPTION	LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE				SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	SCOUR PROTECTION						GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	REMARKS													
	STATION	LEFT	RIGHT	CROSS	OFFSET		SIZE				MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	COVER	UP STREAM	DOWN STREAM								SERVICE LIFE	CONCRETE, CLASS A, FOR STR.	VIDEO INSPECTION	PIPE END SECTION	REVRAP			TYPE			TYPE	SLOPE			EA.	TYPE	SLOPE	EA.									
																										FT	IN.	SUMP DEPTH	GEOTEXTILE, TYPE 1A	RIPRAP	CYS									CYS	CYS	LFT	EA.					
11A	429+75	X			0	18	1	Inlet Type N-12 w/ End Section	65			0.99	727.90	727.62	75	Abr.	7	20	2																													
11B	430+50		X		3.2	12	1	Inlet Type P-12	72			0.66	728.53	727.90	75	Abr.	7	13	2																					11A								
12	429+91.5		X			18	3	Culvert w/ End Sections	217			2.19	729.01	726.62	75	Abr.	7	107	2				43	Uniform	24																							
13	435+29		X			15	3	Culvert w/ End Sections	39			2.32	734.20	733.81	75	Abr.	7	18	2				18	Uniform	8																							
14	437+36		X			15	3	Culvert w/ End Sections	35			2.98	735.88	735.53	75	Abr.	7	20	2				18	Uniform	8																							
15	439+26		X			15	1	Culvert w/ End Sections	154			1.68	739.78	738.24	75	Abr.	7	56	2				18	Uniform	8																							
16	439+80	X			85	24	1	Inlet Type E-7 w/ End Section	129			2.66	737.60	737.20	75	Abr.	7	92	2				18	Uniform	8																							
17	440+30	X			71.9	24	1	Inlet Type E-7	49			1.64	737.75	737.60	75	Abr.	7	26	2																							16						
18A	440+24		X		10.2	18	1	Mod. Inlet Type N-12	79			1.65	739.48	738.20	75	Abr.	7	32	2																							17						
18B	441+00		X		1	12	1	Mod. Inlet Type P-12	75			0.59	741.20	739.56	75	Abr.	7	13	2																							18A						
19	442+50	X			75	15	1	Inlet Type E-7	217			1.91	740.54	738.75	75	Abr.	7	85	2																									17				
20	445+00	X			77.7	12	1	Inlet Type E-7	247			2.03	742.56	740.54	75	Abr.	7	88	2																													19

PIPE MATERIAL TABLE

		11A	11B	12	13	14	15	16	17	18A	18B	19	20
INT. DES.	STRUCTURE NUMBER												
	PIPE TYPE / SHAPE (CIR or DEF)												
	SMOOTH PIPE SIZE	18	12	18	15	15	15	24	24	18	12	15	12
	CORRUGATED PIPE SIZE	18	12	18	15	15	15	24	24	18	12	15	12
	SEMI-SMOOTH PIPE SIZE	18	12	18	15	15	15	24	24	18	12	15	12
CONC.	RCP/RCHEP (S)												
	CLASS												
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)												
PLASTIC PIPE	CORRUGATED PE PIPE, TYPE S (S) *												
	PROFILE WALL (RIBBED) PE PIPE (S) *												
	PROFILE WALL (CLOSED) PE PIPE (S) *												
	SMOOTH WALL PE PIPE (S) */MAXIMUM DR												
	CORRUGATED PP PIPE (S)												
	PROFILE WALL PVC PIPE (S)												
CLAY	SMOOTH WALL PVC PIPE (S) *												
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)												
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)												
	CORR. PROFILE THICKNESS												
	ZINC COATED (C)												
	CORR. PROFILE THICKNESS												
	ZINC COATED W/ BPI (C)												
	CORR. PROFILE THICKNESS												
COR. ALUM. PIPE/ P-ARCH	ALUM. COATED TYPE 2 (C)												
	CORR. PROFILE THICKNESS												
	POLYMER PRECOATED GALVANIZED (C)												
	CORR. PROFILE THICKNESS												
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL												
	CORR. PROFILE THICKNESS												
SPIRAL RIB STEEL PIPE	CORRUGATED ALUM. ALLOY (C)												
	CORR. PROFILE THICKNESS												
	CORRUGATED ALUM. ALLOY W/ BPI (C)												
	CORR. PROFILE THICKNESS												
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)												
	RIB PROFILE THICKNESS												
	ZINC COATED W/BPI (SS)												
	RIB PROFILE THICKNESS												
SPIRAL RIB STEEL PIPE	ALUM. COATED TYPE 2 (SS)												
	RIB PROFILE THICKNESS												
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)												
	RIB PROFILE THICKNESS												

LEGEND:

PIPE MATERIAL

- ALUM Aluminum
- CORR Corrugation
- DR Dimensional Ratio
- PE Polyethylene
- PP Polypropylene
- PVC Polyvinyl Chloride
- RCHEP Reinforced Concrete Horizontal Elliptical Pipe
- RCP Reinforced Concrete Pipe
- STR Structural
- (LS) Lock Seam Pipe Required

PIPE PROTECTION

- BIT Bituminous
- BPI Bituminous Paved Invert
- CFP Concrete Field Paving

SHAPE

- CIR Circular Pipe
- DEF Deformed Pipe

INTERIOR DESIGNATION

- (C) Corrugated Pipe Material
- (S) Smooth Pipe Material
- (SS) Semi-Smooth Pipe Material

PIPE SIZE

Circular pipe is shown as diameter in inches
Deformed pipe is shown as area in square feet

* Refer to Standard Drawings 715-PHCL-20 through -22 for nominal diameter appropriate for pay item diameter.

NOT FOR CONSTRUCTION

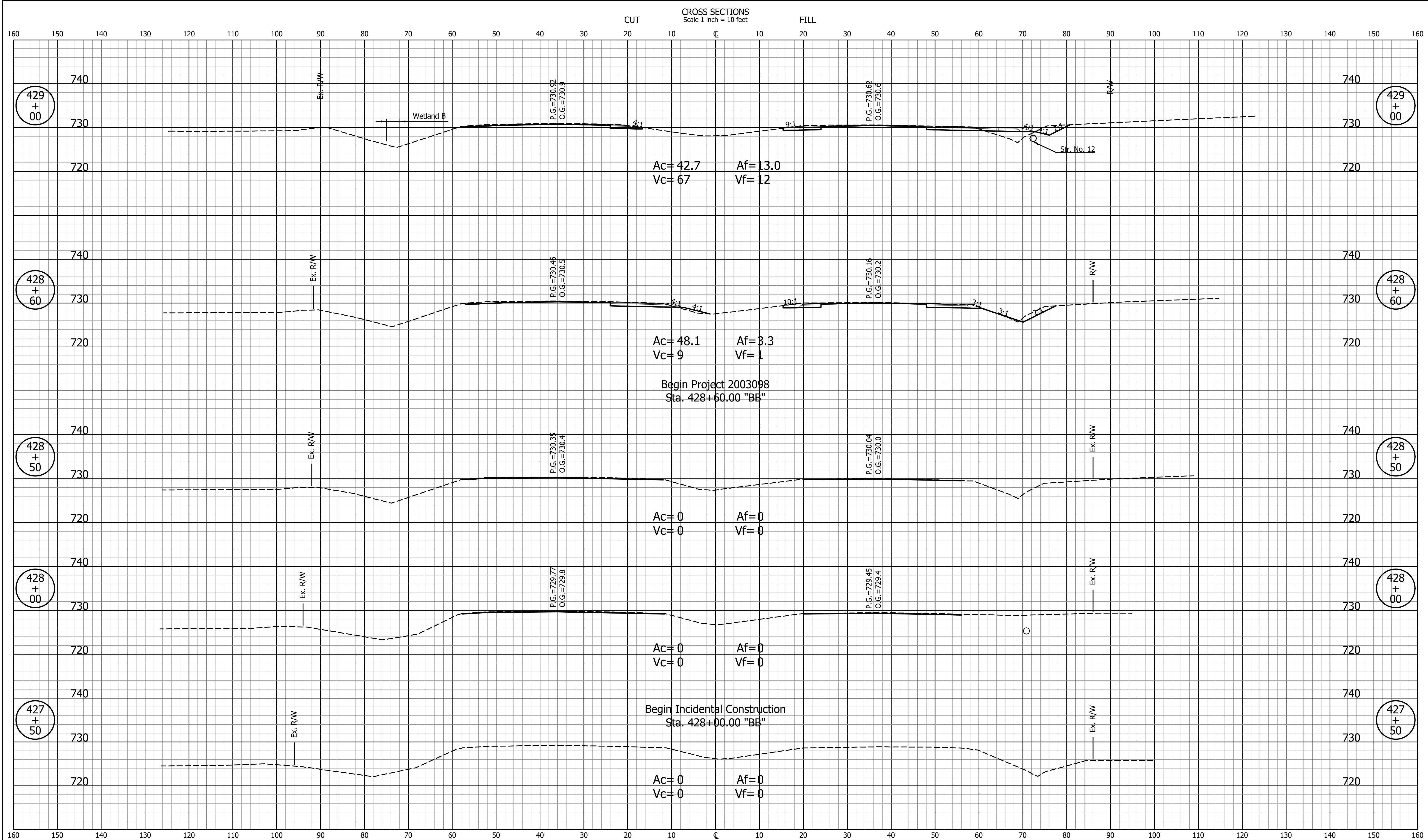
RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: GDH _____
CHECKED: DGD _____	CHECKED: JDD _____

INDIANA DEPARTMENT OF TRANSPORTATION	
STRUCTURE DATA AND PIPE MATERIAL TABLE	

SCALE	BRIDGE FILE
	DESIGNATION 2003098
SURVEY BOOK	SHEETS
CONTRACT R-43907	32 of 50 PROJECT 2003098

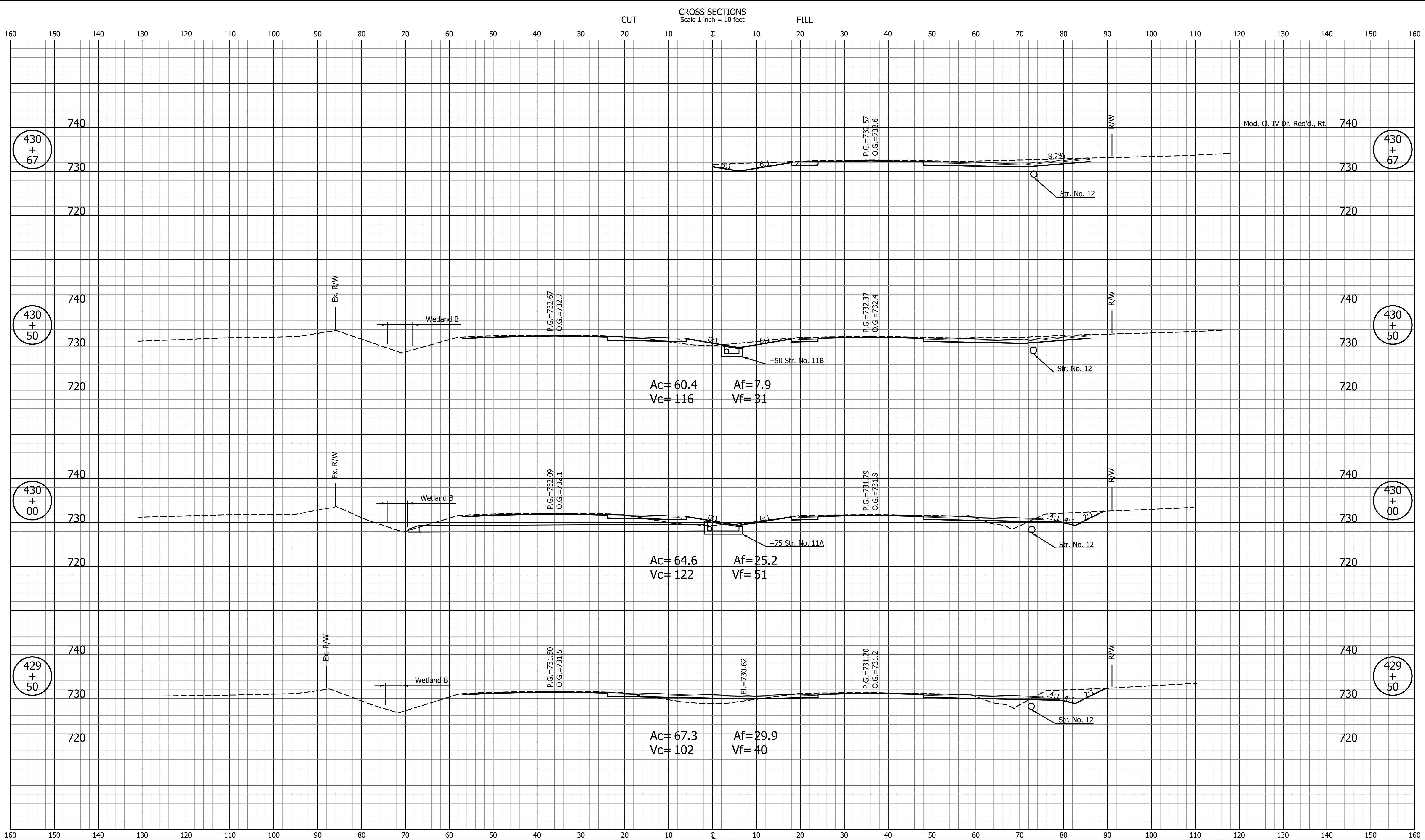
DDE - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\Plan Set\Civil\222240TB_SD.dwg (STR. DATA TABLE)

GDH - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_1_BB)



NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
		CROSS SECTIONS LINE "BB"		DESIGNED: JDD	DRAWN: GDH
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS 33 of 50
CONTRACT R-43907				PROJECT 2003098	

GDH - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_2_BB)



NOT FOR CONSTRUCTION

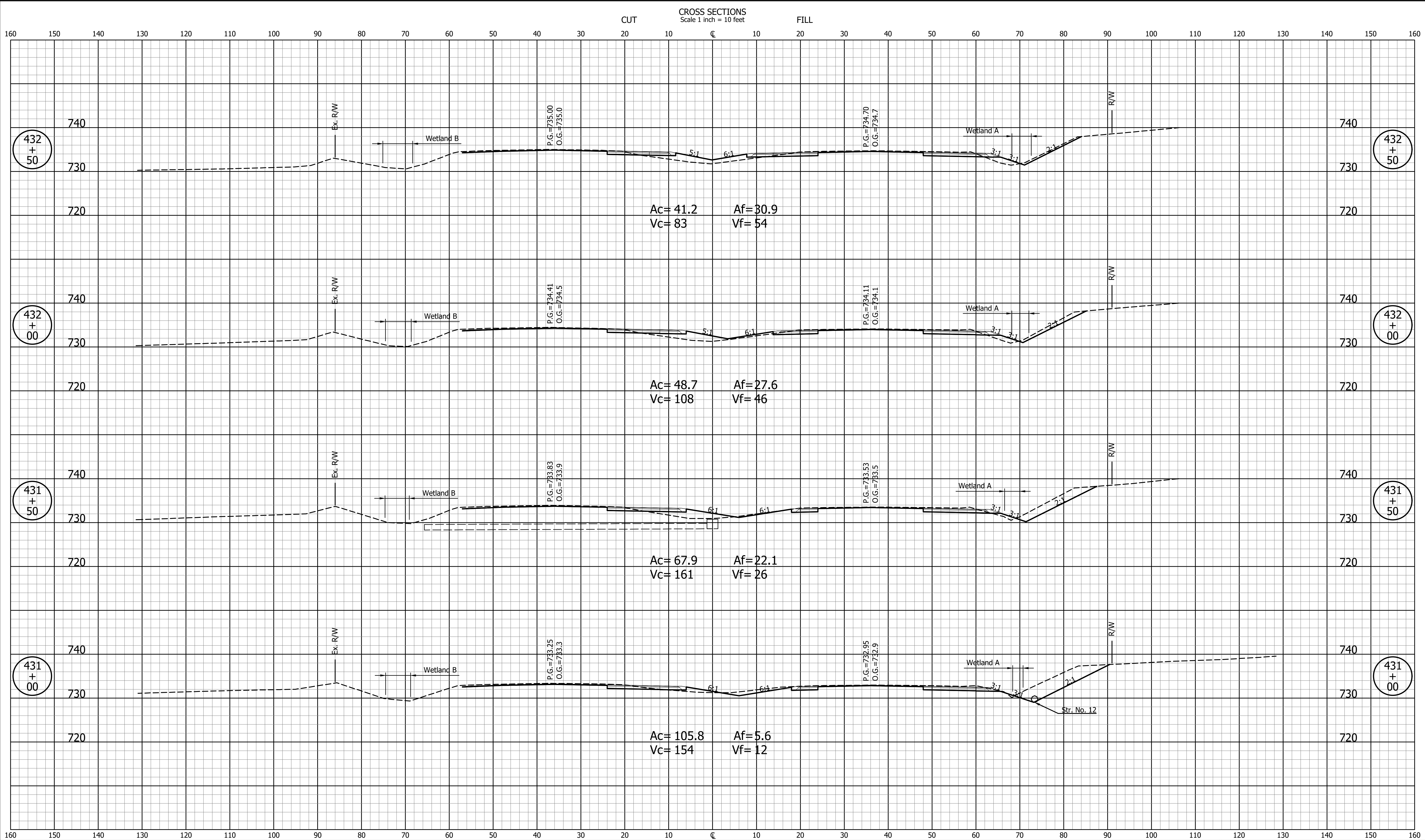
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGD	CHECKED: JDD

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "BB"**

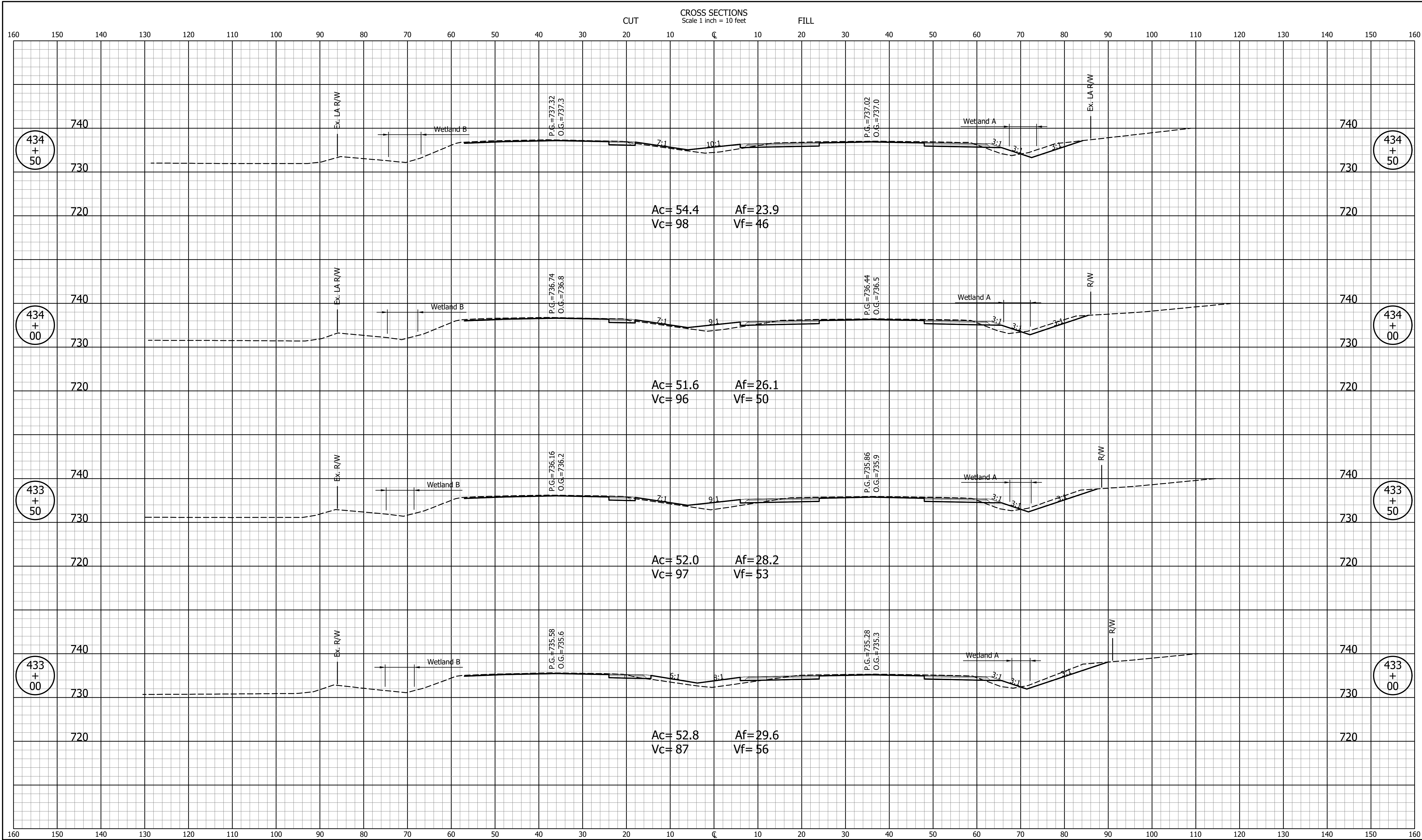
SCALE 1" = 10'	BRIDGE FILE
SURVEY BOOK	DESIGNATION 2003098
CONTRACT R-43907	SHEETS 34 of 50 PROJECT 2003098

GDH - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_3_BB)



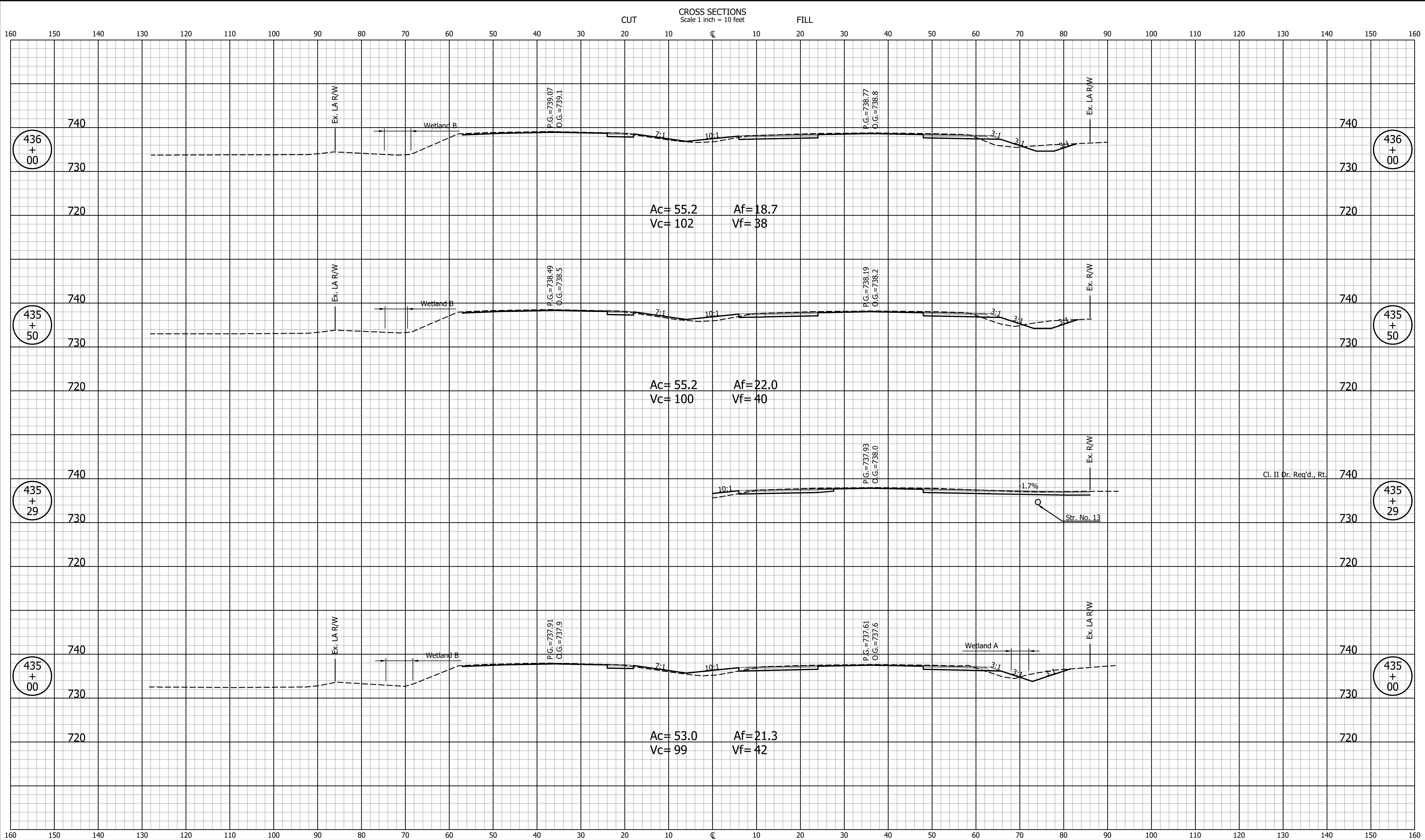
NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"	
CHECKED: DGD	CHECKED: JDD	SCALE 1" = 10'	BRIDGE FILE
		SURVEY BOOK R-43907	DESIGNATION 2003098
		SHEETS 35 of 50	PROJECT 2003098

GDH - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_4_BB)



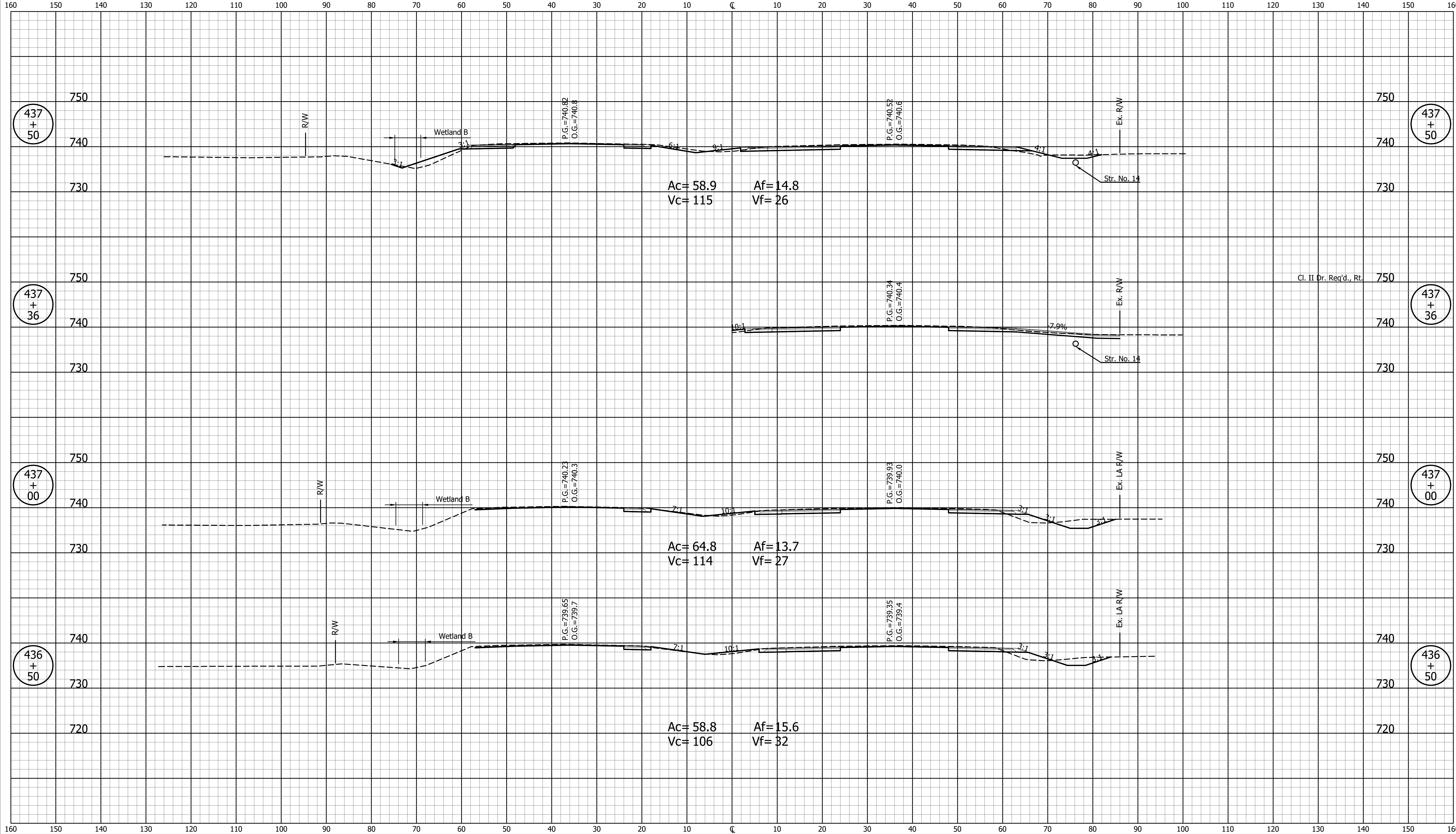
NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"			DESIGNATION 2003098
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS 36 of 50
				CONTRACT R-43907	PROJECT 2003098

GDH - 9/12/2024 1:49 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_5_BB)



NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"	
CHECKED: DGD	CHECKED: JDD	SCALE 1" = 10'	BRIDGE FILE
		SURVEY BOOK R-43907	DESIGNATION 2003098
		SHEETS 37 of 50	PROJECT 2003098

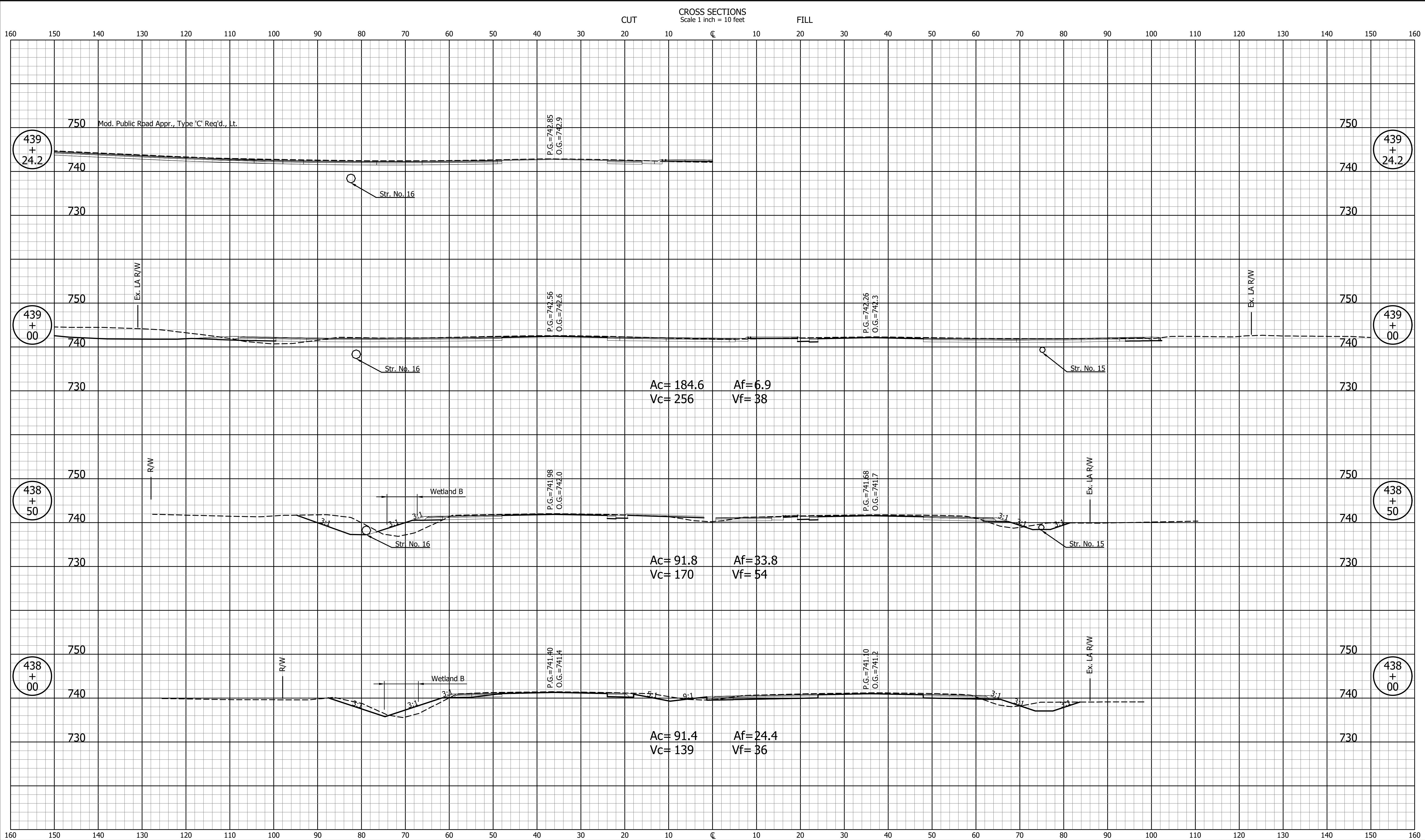
CROSS SECTIONS
Scale 1 inch = 10 feet



GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_6_BB)

NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"		DESIGNATION 2003098	
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS 38 of 50
				CONTRACT R-43907	PROJECT 2003098

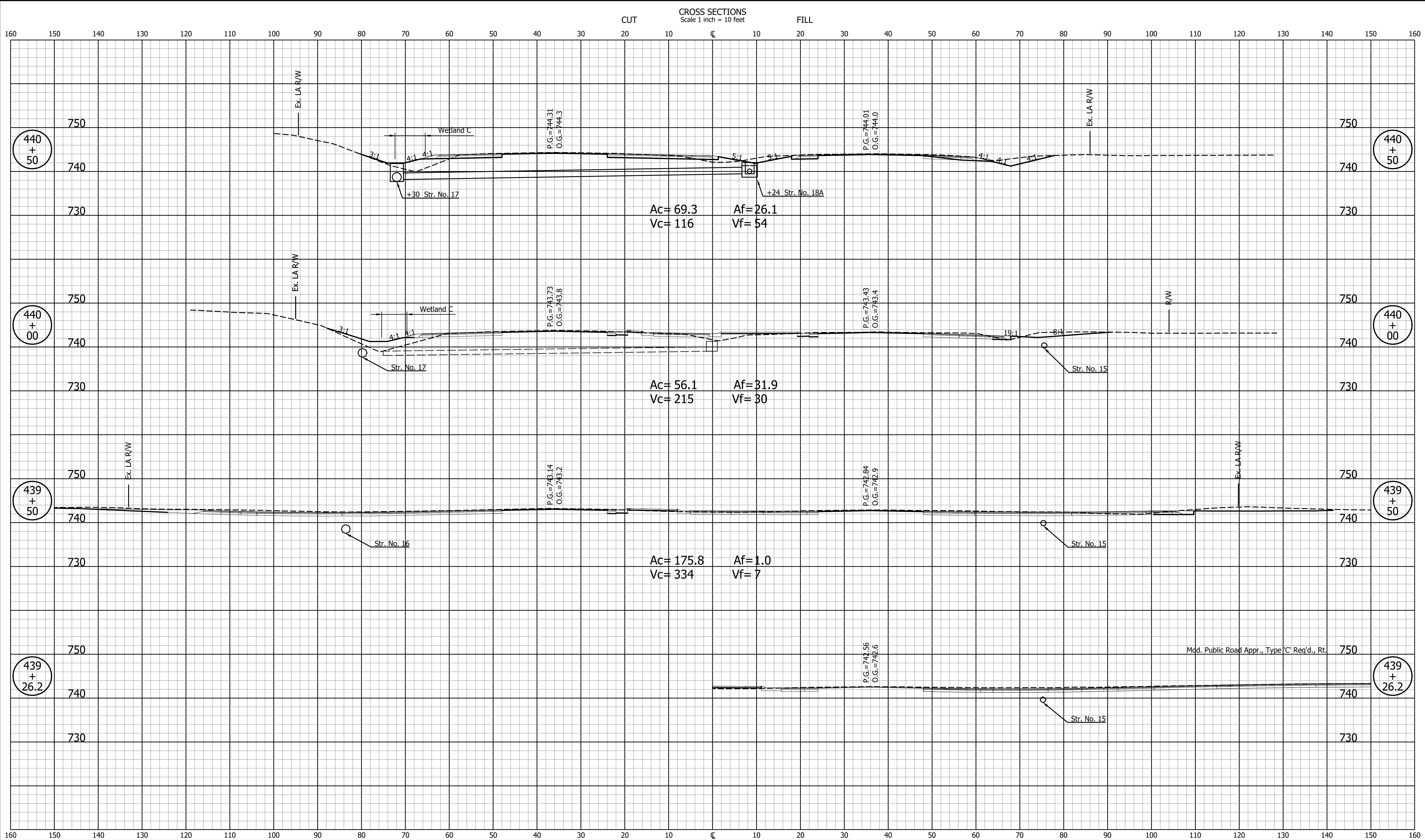
GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_7_BB)



NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
		CROSS SECTIONS LINE "BB"		DESIGNATION 2003098	SHEETS 39 of 50
SURVEY BOOK	PROJECT 2003098				
CONTRACT R-43907					

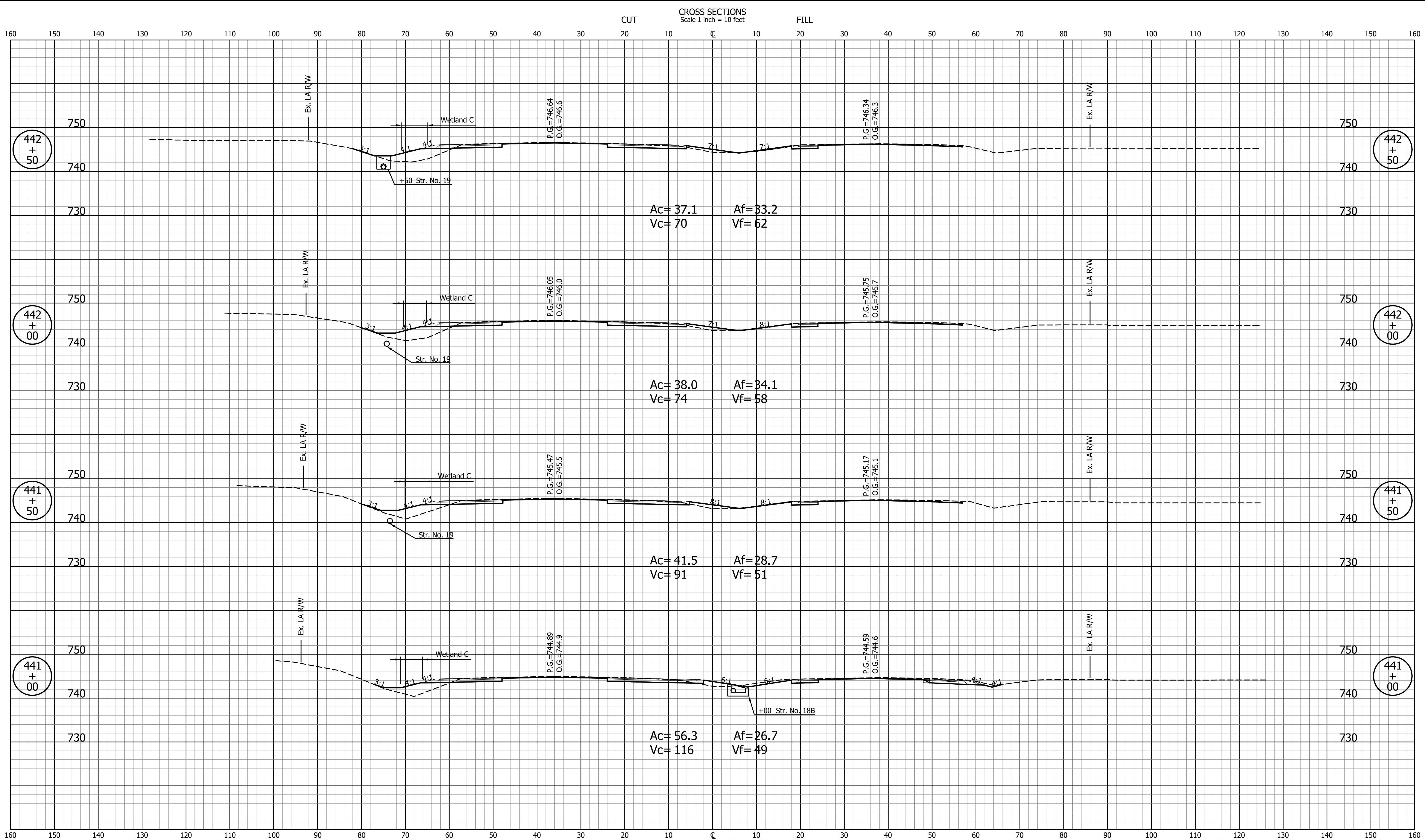
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGD	CHECKED: JDD

GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_8_BB)



NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"		DESIGNATION 2003098	
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS 40 of 50
				CONTRACT R-43907	PROJECT 2003098

GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_9_BB)

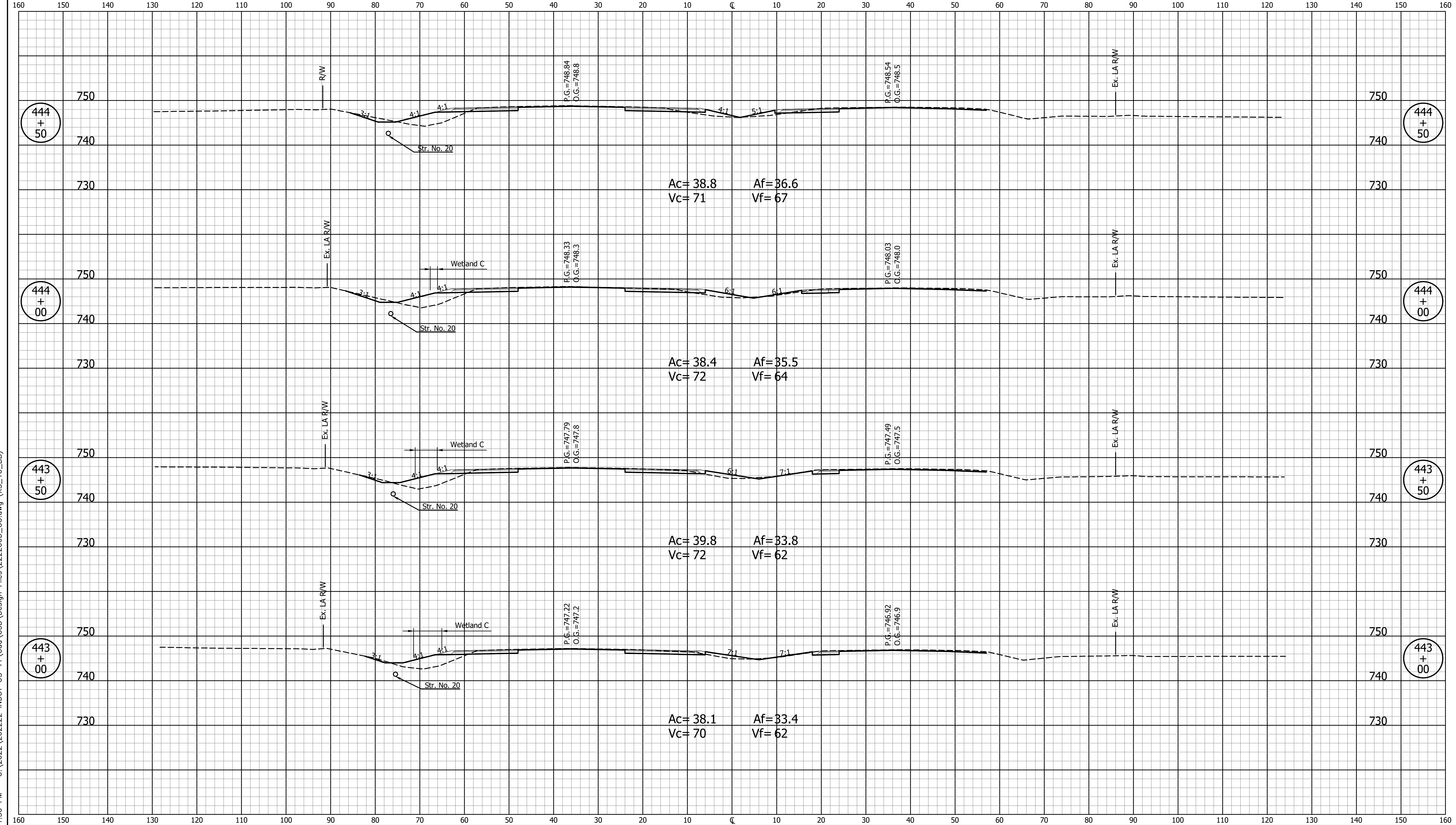


NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
				DESIGNATION 2003098	
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"		SURVEY BOOK	SHEETS 41 of 50
CHECKED: DGD	CHECKED: JDD			CONTRACT R-43907	PROJECT 2003098

CROSS SECTIONS
Scale 1 inch = 10 feet

CUT

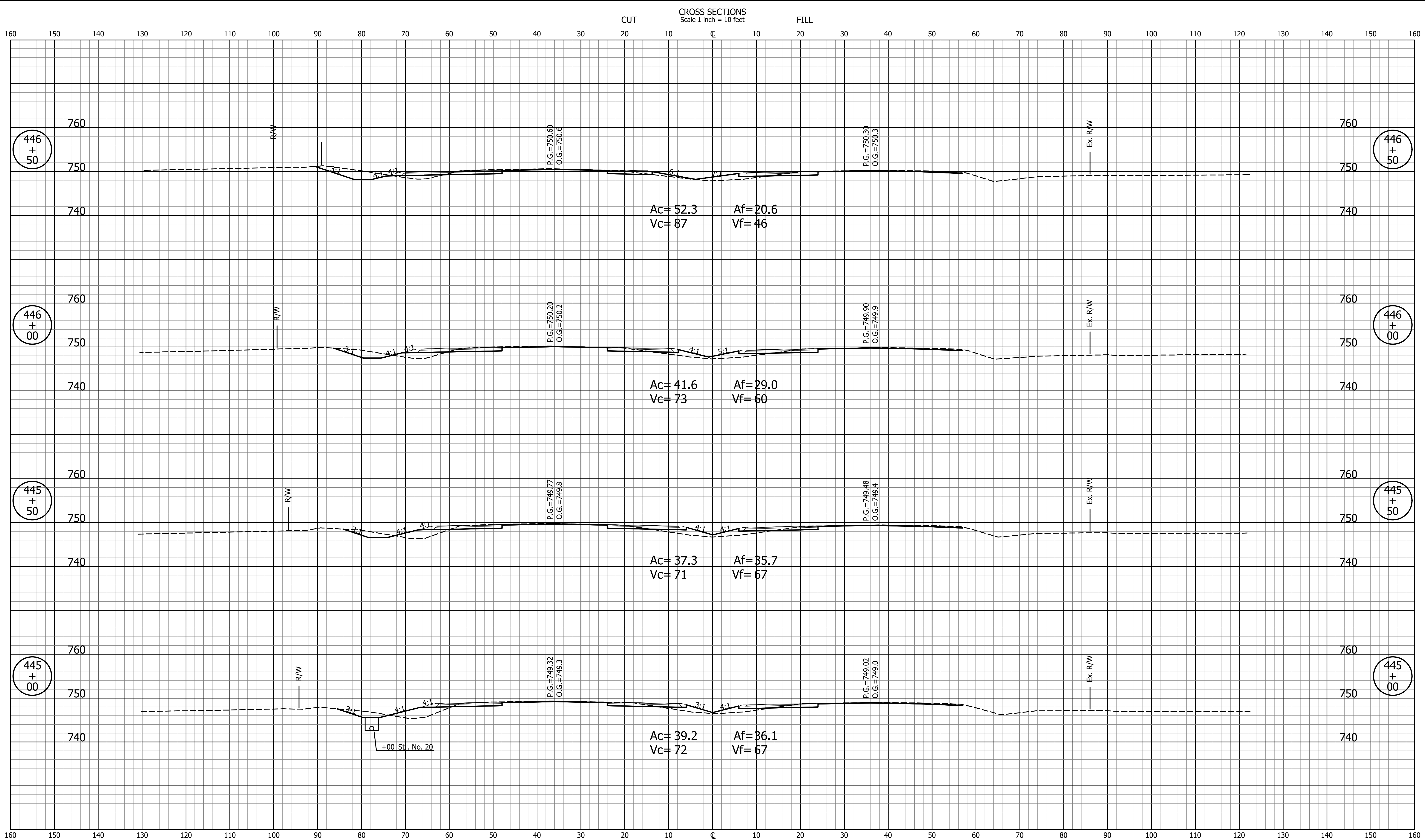
FILL



GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_10_BB)

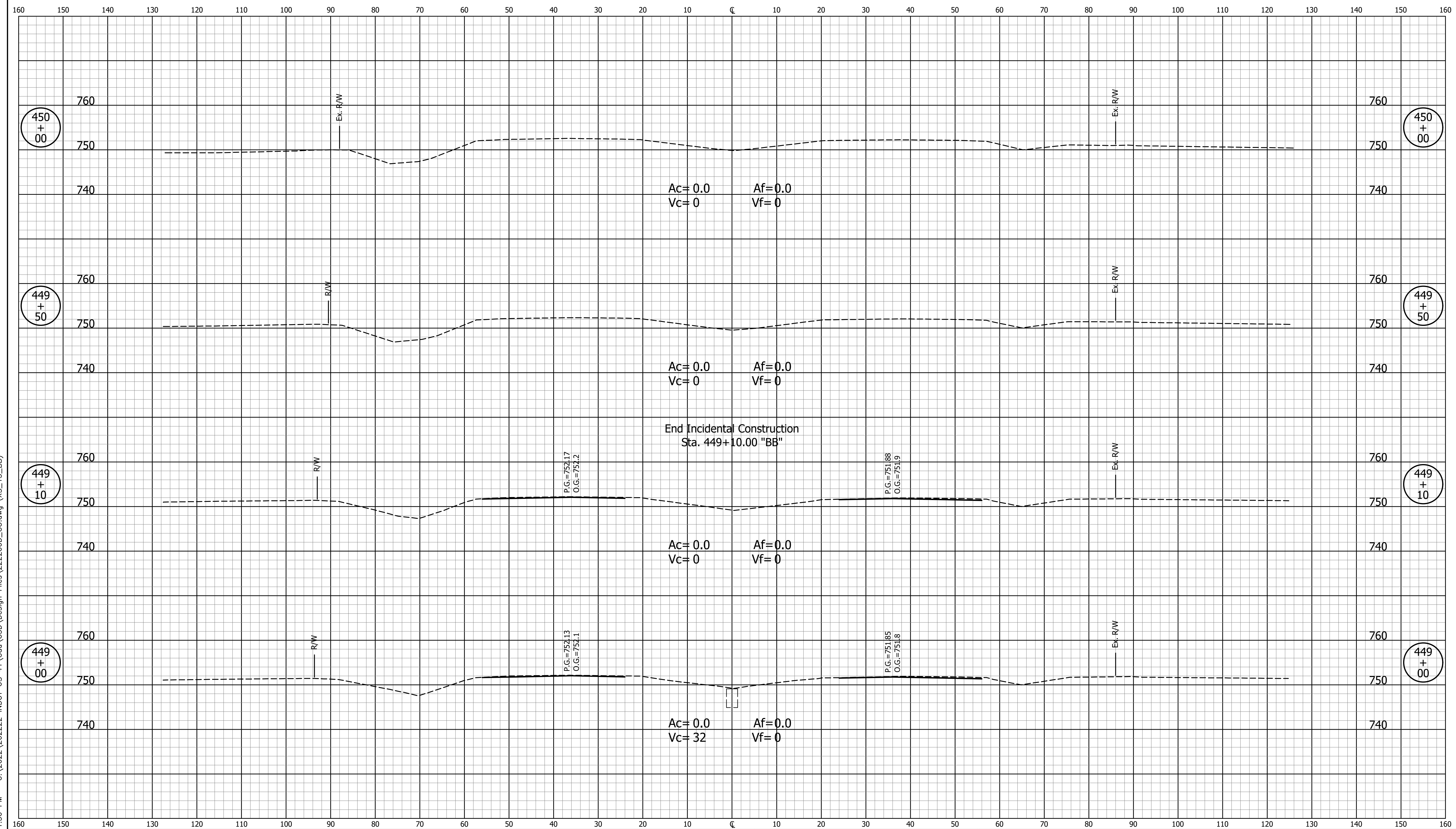
NOT FOR CONSTRUCTION	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
	CROSS SECTIONS LINE "BB"		DESIGNATION 2003098	SHEETS 42 of 50
DESIGNED: JDD	DRAWN: GDH	CONTRACT R-43907		PROJECT 2003098
CHECKED: DGD	CHECKED: JDD			

GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_11_BB)



NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"		SURVEY BOOK	SHEETS 43 of 50
CHECKED: DGD	CHECKED: JDD	CONTRACT R-43907	PROJECT 2003098		

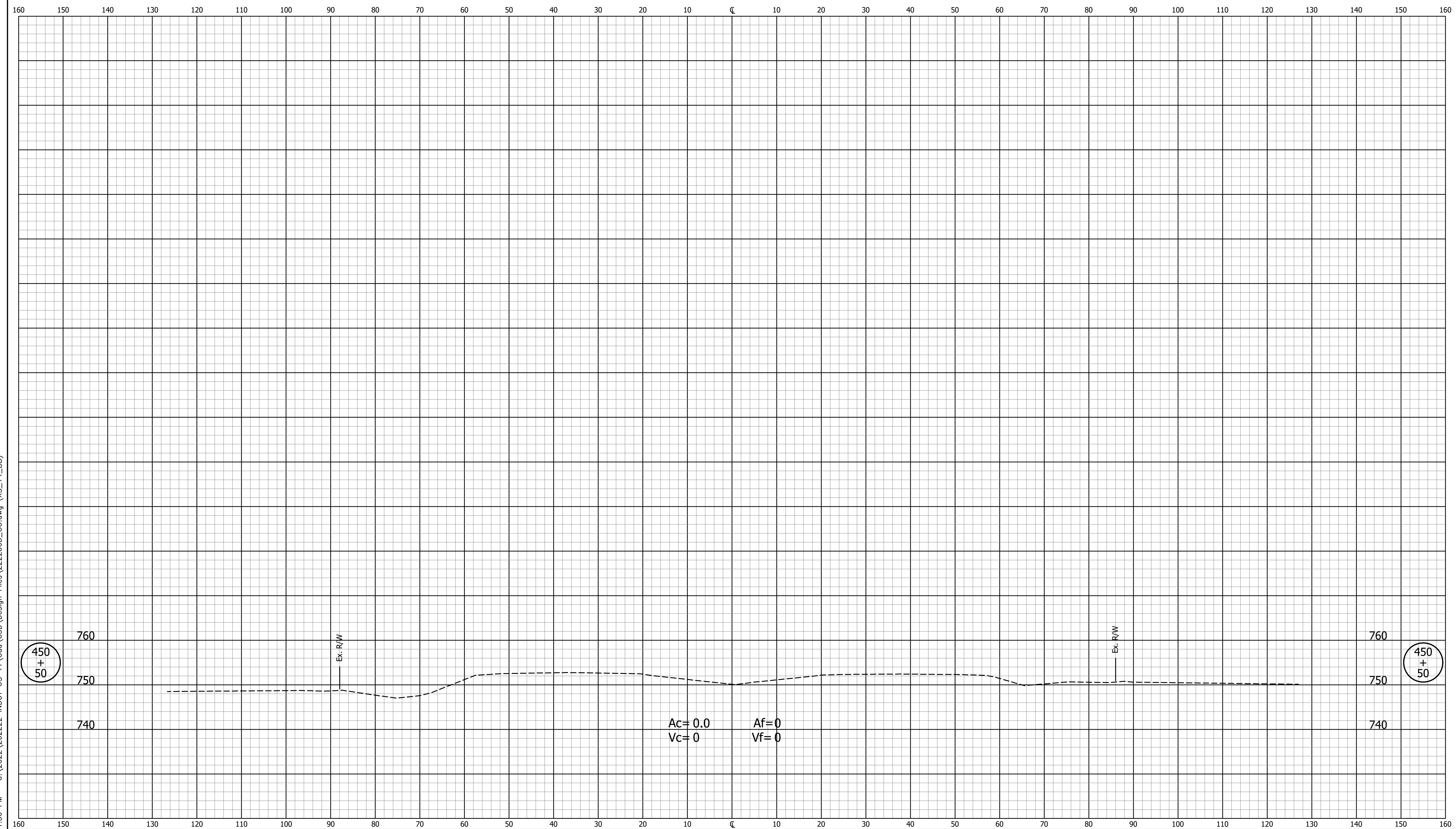
CROSS SECTIONS
Scale 1 inch = 10 feet



GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_13_BB)

NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "BB"		DESIGNATION 2003098	
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS 45 of 50
				CONTRACT R-43907	PROJECT 2003098

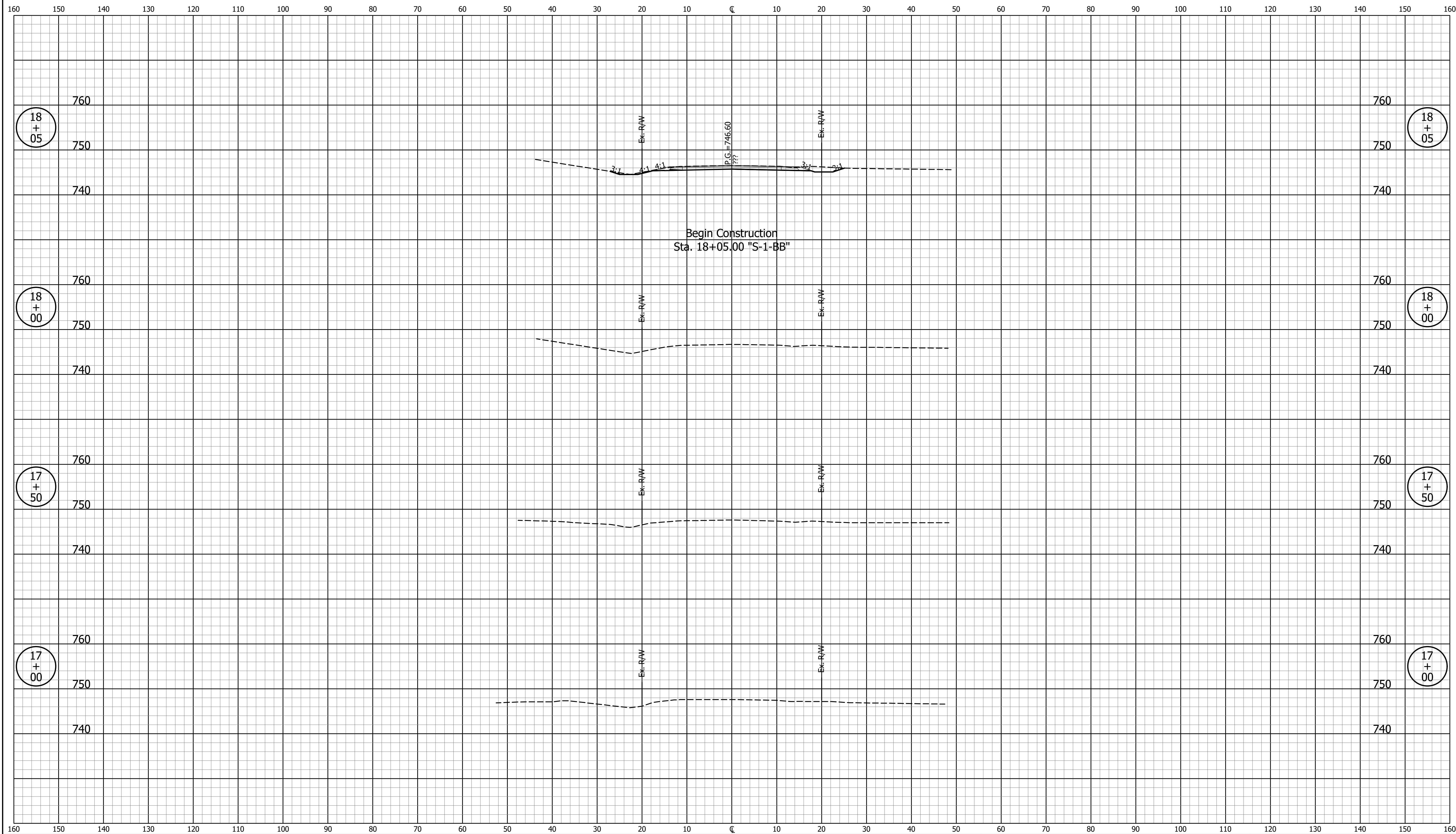
CROSS SECTIONS
Scale 1 inch = 10 feet



GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_14_BB)

NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
		CROSS SECTIONS LINE "BB"		DESIGNATION 2003098	SHEETS 46 of 50
DESIGNED: JDD	DRAWN: GDH			SURVEY BOOK	PROJECT
CHECKED: DGD	CHECKED: JDD			CONTRACT R-43907	2003098

CROSS SECTIONS
Scale 1 inch = 10 feet



GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_15_S-1-BB)

NOT FOR CONSTRUCTION

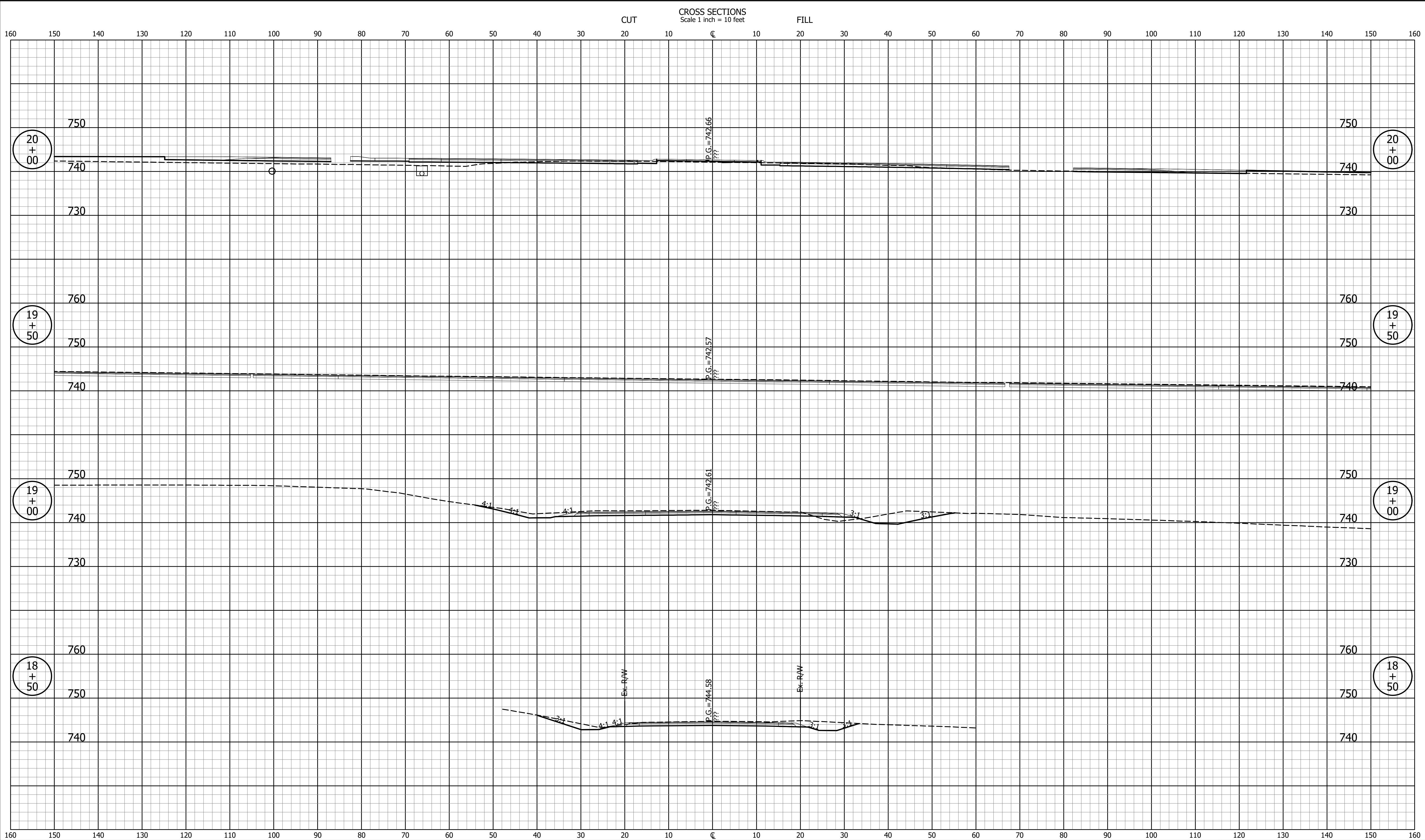
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGD	CHECKED: JDD

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE "S-1-BB"**

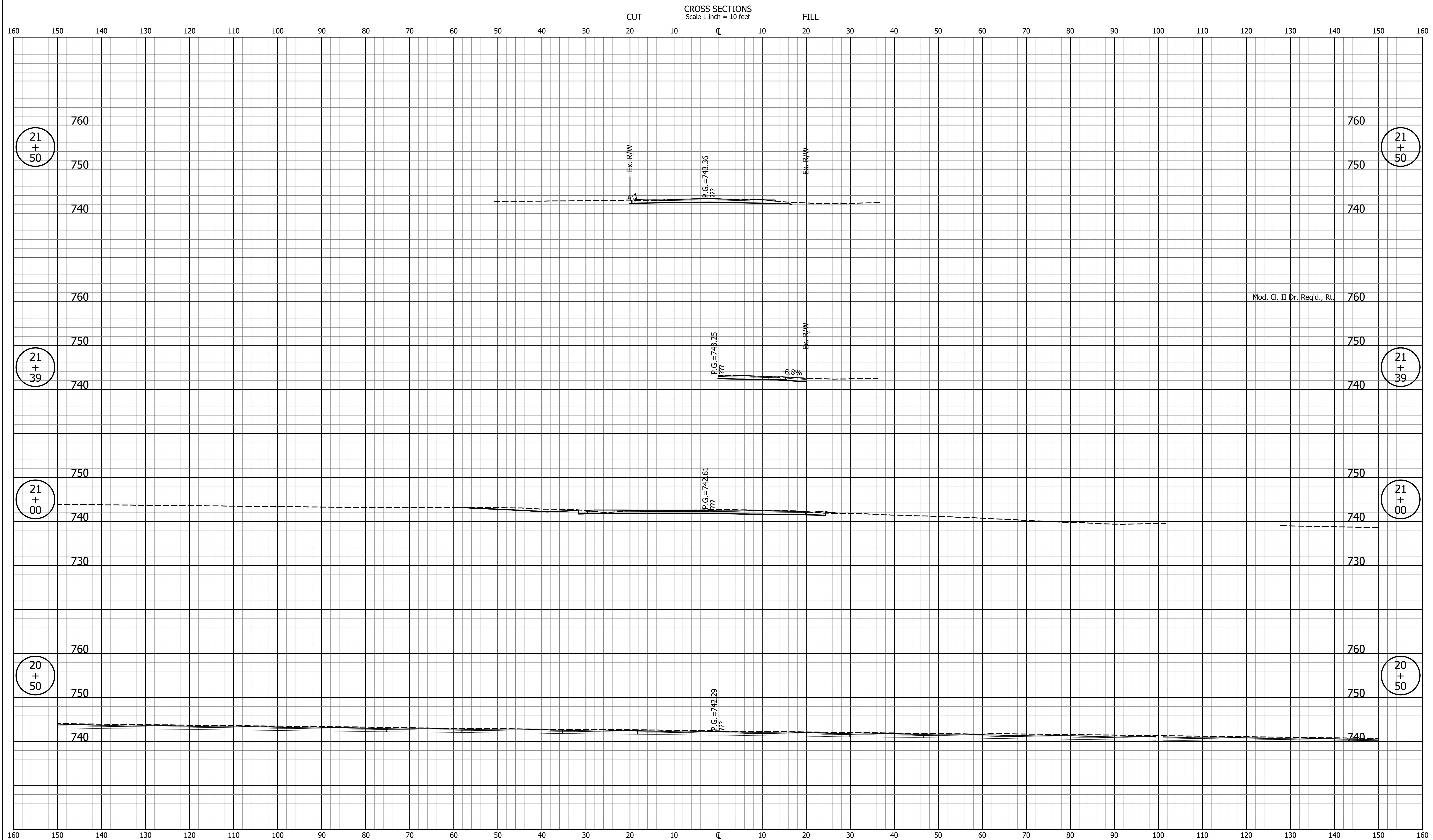
SCALE 1" = 10'	BRIDGE FILE
SURVEY BOOK	SHEETS 47 of 50
CONTRACT R-43907	PROJECT 2003098

GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_16_S-1-BB)



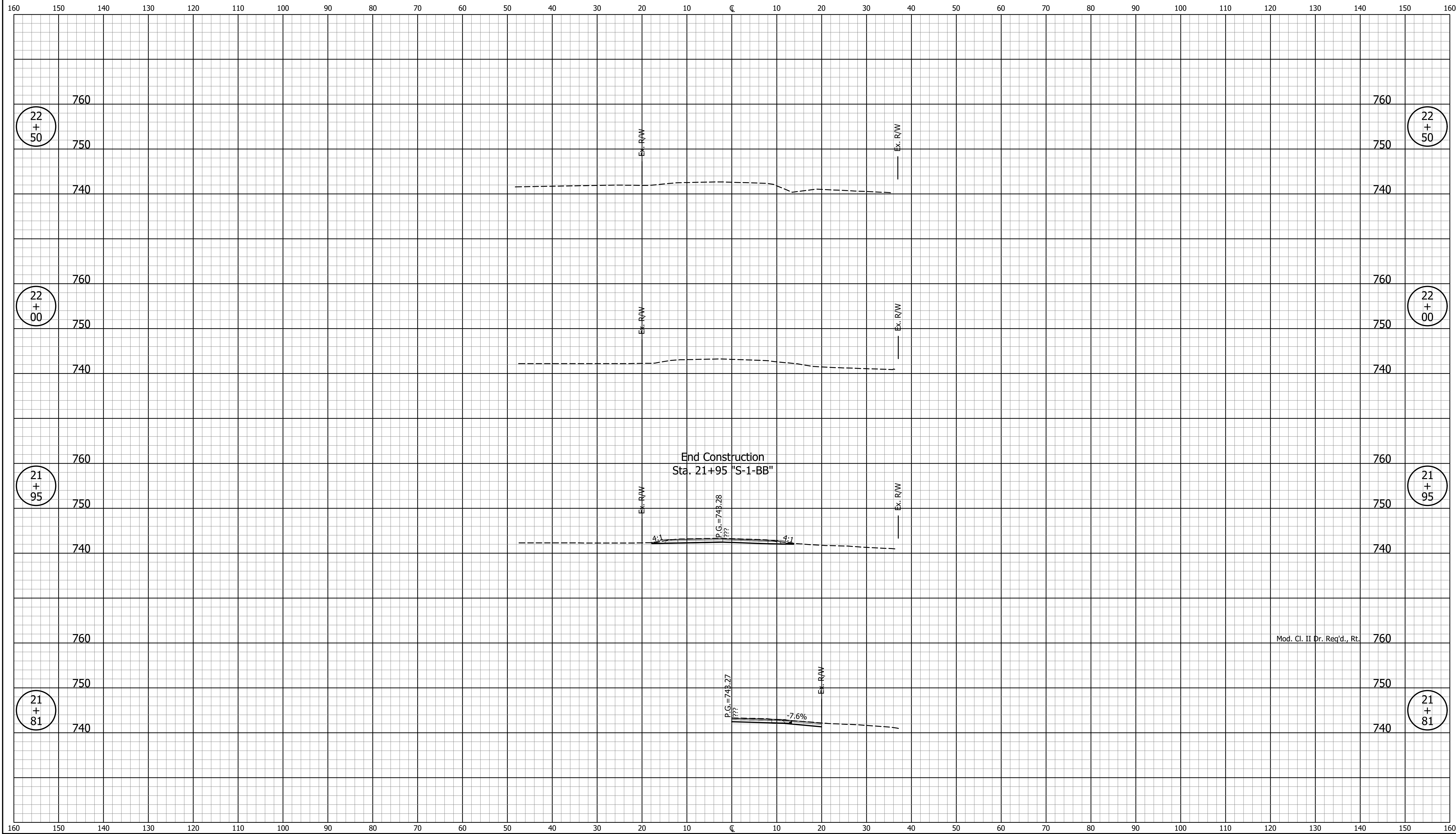
NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "S-1-BB"		DESIGNATION 2003098	
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS
		CONTRACT R-43907	48 of 50	PROJECT 2003098	

GDH - 9/12/2024 1:50 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_17_S-1-BB)



NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "S-1-BB"		DESIGNATION 2003098	
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS 49 of 50
				CONTRACT R-43907	PROJECT 2003098

CROSS SECTIONS
Scale 1 inch = 10 feet



Mod. Cl. II Dr. Req'd., Rt.

GDH - 9/12/2024 1:51 PM - U:\2022\202222 INDOT US 41\Cad\C3D\Design Files\222200D_CO.dwg (XS_18_S-1-BB)

NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "S-1-BB"		DESIGNATION 2003098	
CHECKED: DGD	CHECKED: JDD			SURVEY BOOK	SHEETS 50 of 50
				CONTRACT R-43907	PROJECT 2003098