

PROJECT	DESIGNATION
1901705	1901705
CONTRACT	
R-42163	

CITY OF FORT WAYNE INDIANA



ROAD PLANS

ROUTE: ST 1043 HILLEGAS ROAD FROM STATE BLVD. TO COLISEUM BLVD.

PROJECT NO.

1901705 P.E.

1901705 R/W

1901705 CONST.

Added Travel Lanes Project on Hillegas Road

Beginning 80' feet south of the intersection of State Blvd. and proceeding north 7,090 feet along Hillegas Road to the intersection of Coliseum Blvd.
The project is located in Section 28, 29, 32 and 33, T-31-N, R-12-E, City of Fort Wayne, Washington Township, Allen County, Indiana

MAYOR

HONORABLE THOMAS C. HENRY

BOARD OF PUBLIC WORKS

SHAN GUNAWARDENA Date:
BOARD OF PUBIC WORKS, CHAIR

KUMAR MENON - MEMBER Date:

CHRIS GUERRERO - MEMBER Date:

PATRICK ZAHARAKO - CITY ENGINEER/ERC Date:



END STP PROJECT NO. 1901705
P.O.T. STA. 80+10.00 "PR-A"

BEGIN STP PROJECT NO. 1901705
P.O.T. STA. 9+20.00 "PR-A"

LOCATION MAP
FORT WAYNE, INDIANA
WASHINGTON TOWNSHIP, ALLEN COUNTY

TRAFFIC DATA

A.A.D.T. (2025)	19,958 V.P.D.
A.A.D.T. (2045)	24,091 V.P.D.
D.H.V	2,002 V.P.H.
DIRECTIONAL DISTRIBUTION	52% SB
TRUCKS	2.4 % A.A.D.T. 1.3 % D.H.V.

DESIGN DATA

DESIGN SPEED	45 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION, NON-FREEWAY
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL
RURAL/URBAN	URBAN
TERRAIN	INTERMEDIATE
ACCESS CONTROL	NONE



PROJECT LOCATION SHOWN BY
ALLEN COUNTY

LATITUDE: 41°05'44.29"N LONGITUDE: 85°11'31.37"W
HYDROLOIC UNIT CODE: 04100004060060

GROSS LENGTH: 1.34 MI.
NET LENGTH: 1.34 MI.
MAX. GRADE: 2.51 %

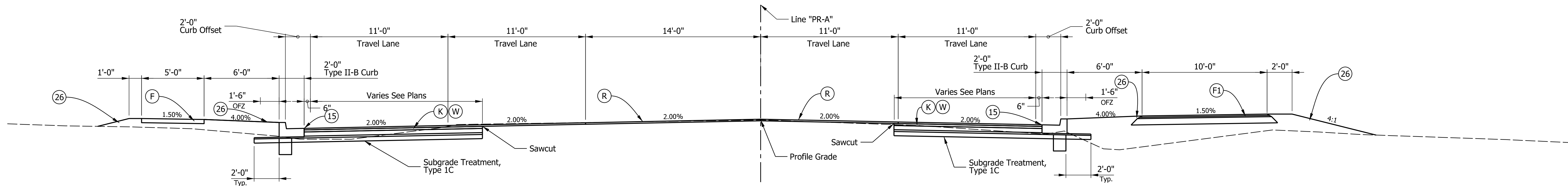
NOTES TO REVIEWER:
1. The existing R/W location will be finalized once the City has completed their risk assessment.
2. The Proposed R/W and labeling of the Temporary R/W purpose will be finalized after the City's risk assessment.

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2022
TO BE USED WITH THESE PLANS

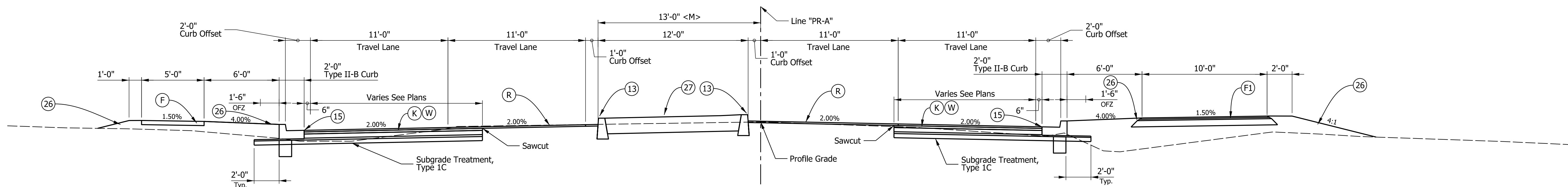
PLANS PREPARED BY: GAI CONSULTANTS 260-969-8800 PHONE NUMBER
CERTIFIED BY: _____ DATE
APPROVED FOR LETTING: _____ CITY OF FORT WAYNE, INDIANA DATE

DESIGNATION	1901705
SURVEY BOOK	SHEETS
CONTRACT	PROJECT
R-42163	1901705

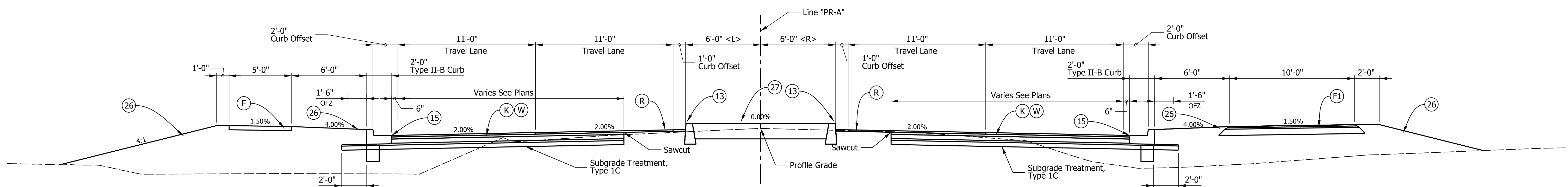
P:\3\10\2023 12:09:45 PM By: huythkt Per: Transportation.tbl Model: Sheet 1



TYPICAL SECTION
 STA. 9+30.12 TO STA. 18+85.00 "PR-A"
 STA. 66+55.00 TO STA. 75+10.00 "PR-A"
 (K) Changes to (W) if Full Depth Width Less than 5'-0"



TYPICAL SECTION
 STA. 18+85 TO STA. 19+67.86 "PR-A"
 STA. 64+87.14 TO 66+55.00 "PR-A"
 STA. 74+60 "PR-A"
 (K) Changes to (W) if Full Depth Width Less than 5'-0"



TYPICAL SECTION
 STA. 20+80.00 TO STA. 32+67.00 "PR-A"
 STA. 44+00.00 TO STA. 49+44.00 "PR-A"
 STA. 59+57.00 TO STA. 64+87.14 "PR-A"
 (K) Changes to (W) if Full Depth Width Less than 5'-0"

NOTES:
 1. All lanes, curb, sidewalks and trail transition with edge of median.
 2. Resurfacing areas include median areas for ease of construction and maintaining traffic.

NOTE TO REVIEWER
PAVEMENT SECTION FROM
HILLEGAS ROAD BRIDGE
PROJECT B-37657 DES. 1401164

④ RAILING, CONCRETE C, MODIFIED (Type PF-1)
 ⑬ CURB, CONCRETE, MODIFIED, (Type III Curb)
 ⑮ CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
 ⑳ CENTER CURB, D CONCRETE
 ㉒ SODDING, NURSERY
 ㉓ PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS

(D) HMA for Approaches Type B
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on
 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
 Subgrade Treatment, Type IC, on
 Geotextile, Type IA (NW)
 (F) SIDEWALK, CONCRETE
 (F1) HMA FOR SIDEWALK
 140#/SYD HMA Surface, Type B on
 220#/SYD HMA Intermediate, Type B on
 6" Compacted Aggregate No. 53, Base on
 Subgrade Treatment Type III
 (J2) COMPACTED AGGREGATE FOR SHOULDER
 10" Compacted Aggregate No. 53, Base

(K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on
 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
 Subgrade Treatment, Type IC, on
 Geotextile, Type IA (NW)
 (R) Milling, Asphalt 1.5" then
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on
 Existing Pavement

(W) HMA FOR WIDENING
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on
 Widening with HMA, Type C Consisting of
 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
 Subgrade Treatment, Type IC, on
 Geotextile, Type IA (NW)

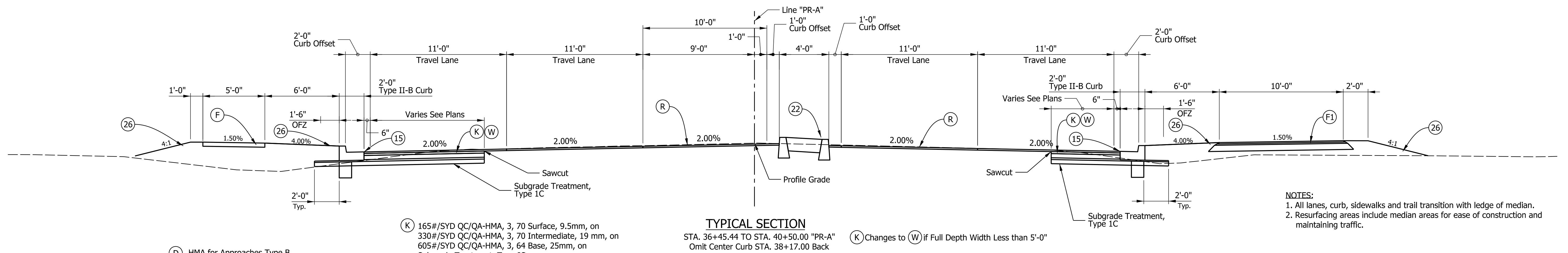
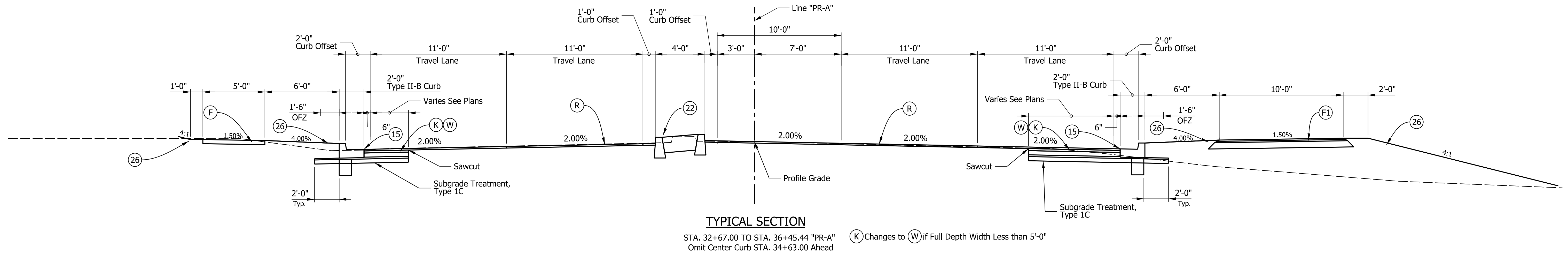
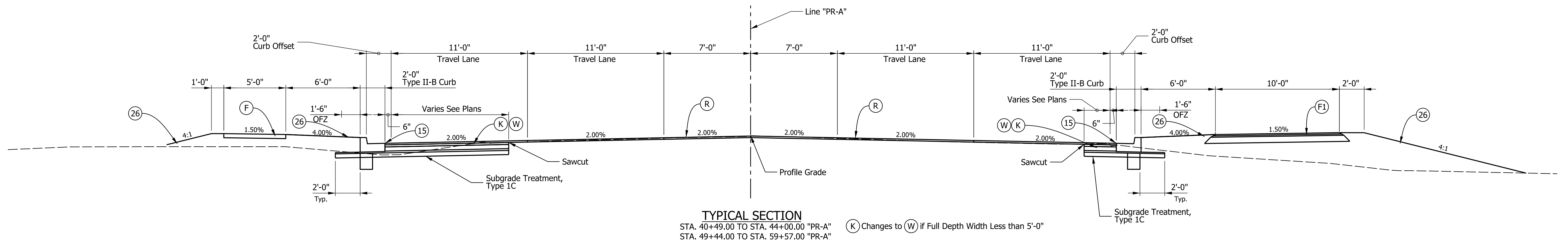


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA	
TYPICAL SECTIONS	

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	3 of 164
CONTRACT	PROJECT
R-42163	1901705

Modlr:Sheet 2
 Pen: Transportation.tbl
 By: huythkt
 12:09:46 PM
 P:\c3\10\2023



NOTES:
 1. All lanes, curb, sidewalks and trail transition with ledge of median.
 2. Resurfacing areas include median areas for ease of construction and maintaining traffic.

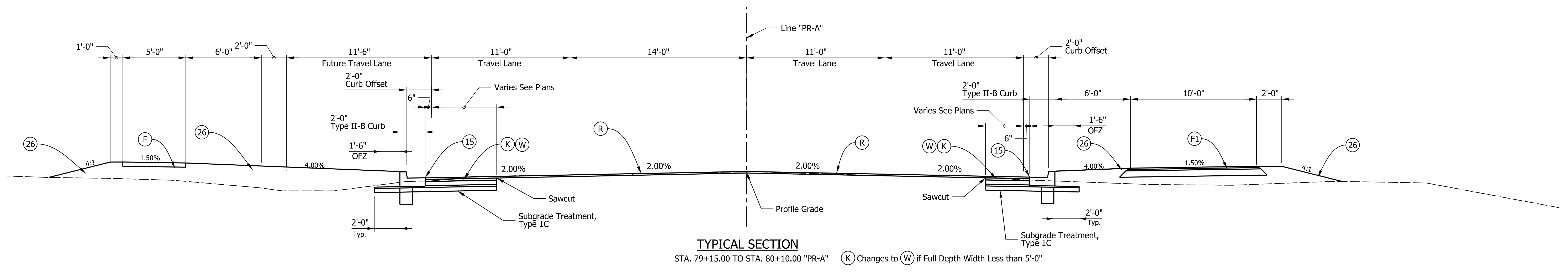
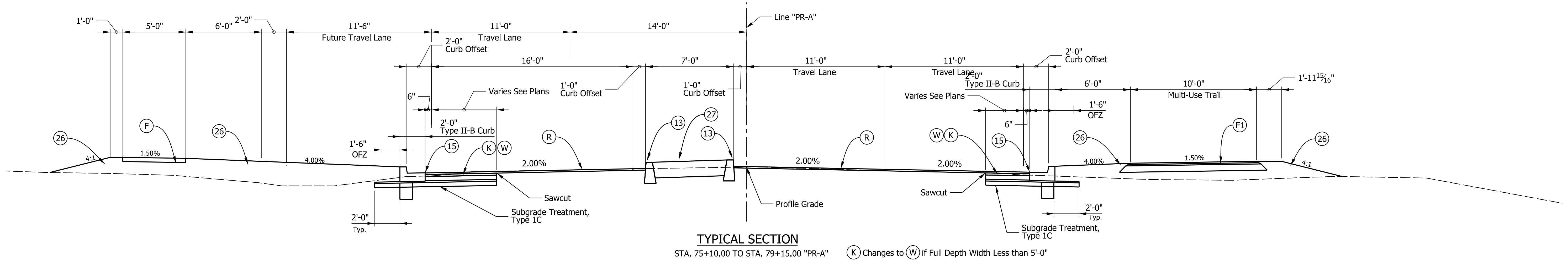
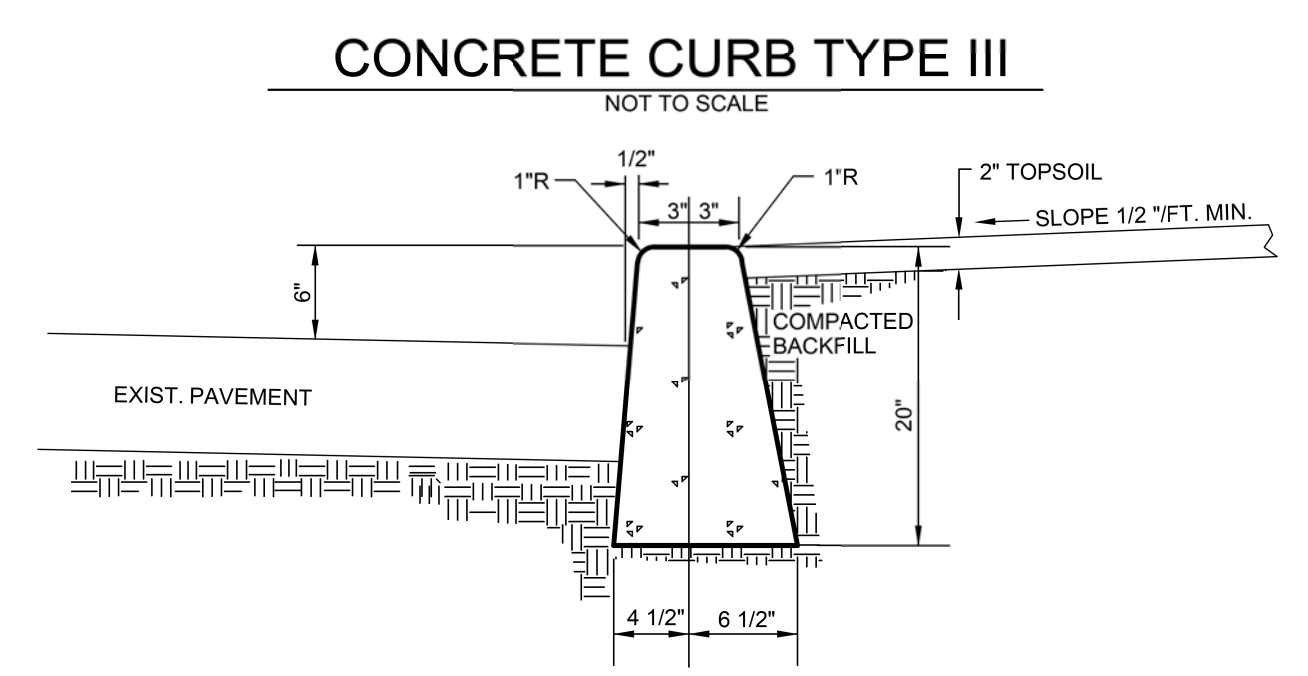
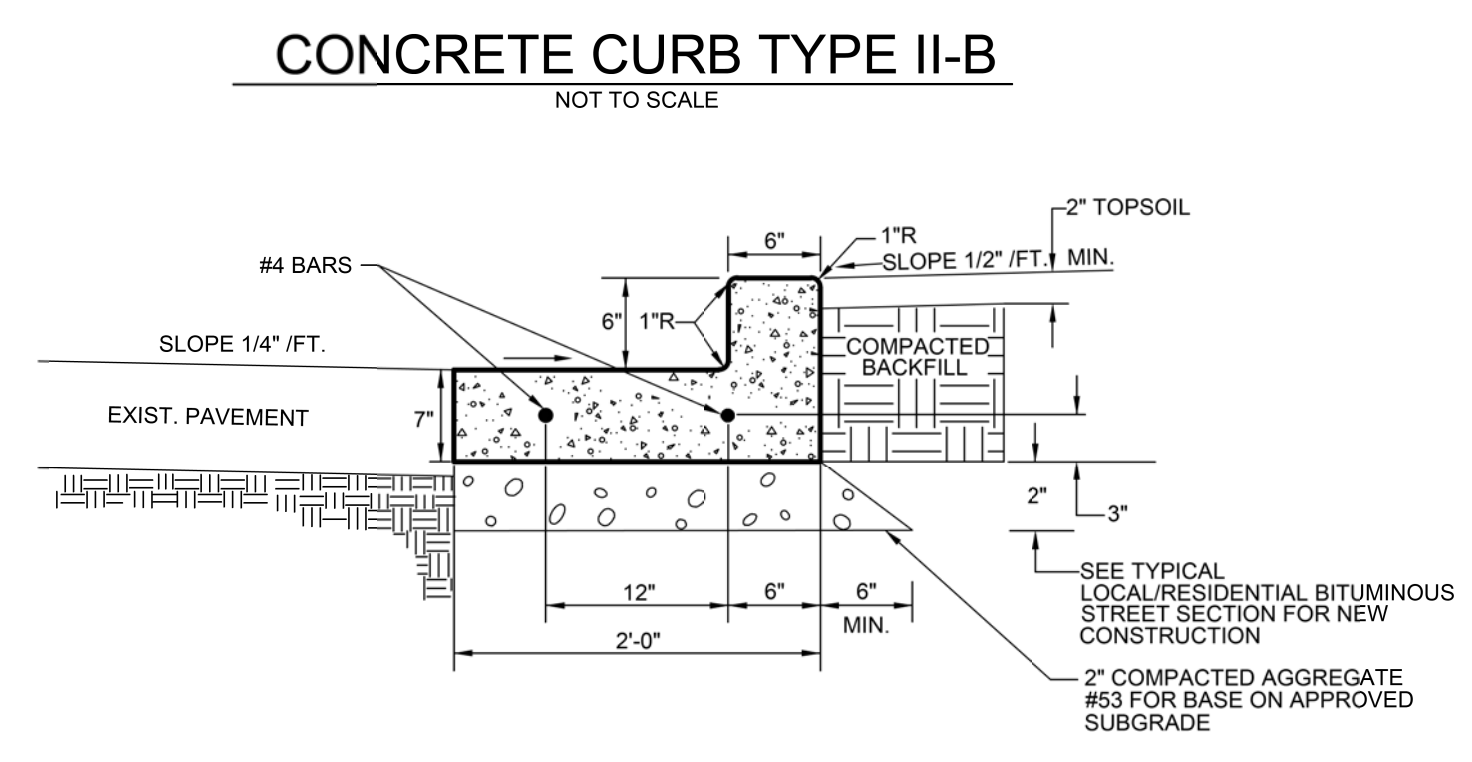
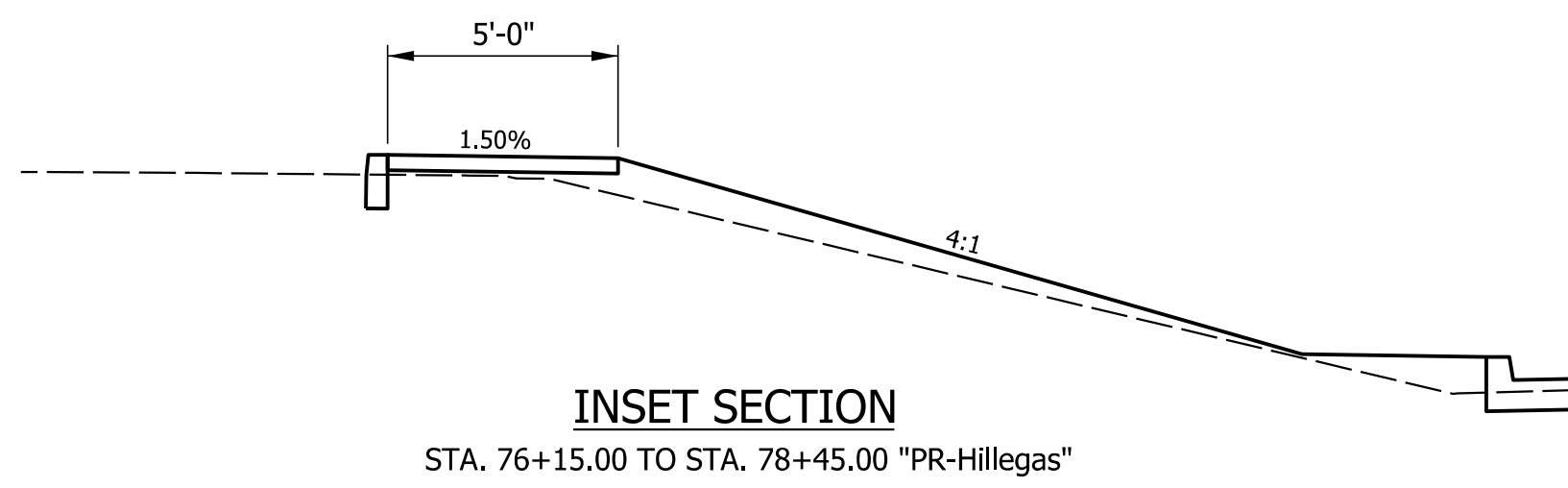
- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS
- (D) HMA for Approaches Type B
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK
 140#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on Subgrade Treatment Type III
- (J2) COMPACTED AGGREGATE FOR SHOULDER
 10" Compacted Aggregate No. 53, Base
- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
- (W) HMA FOR WIDENING
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA	
TYPICAL SECTIONS	

SCALE 1/4" = 1'-0"	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS
	4 of 164
CONTRACT R-42163	PROJECT 1901705



- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type 1C, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement

NOTES:
1. All lanes, curb, sidewalks and trail transition with ledge of median.
2. Resurfacing areas include median areas for ease of construction and maintaining traffic.

Plc:3/10/2023 12:09:48 PM By: huythkt Per: Transportation.tbl Model:Sheet 3

- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) SIDEWALK, CONCRETE
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (F) HMA FOR APPROACHES TYPE B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type 1C, on Geotextile, Type IA (NW)
- (F1) HMA FOR SIDEWALK 140#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on Subgrade Treatment Type III
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS
- (12) COMPACTED AGGREGATE FOR SHOULDER 10" Compacted Aggregate No. 53, Base
- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type 1C, on Geotextile, Type IA (NW)

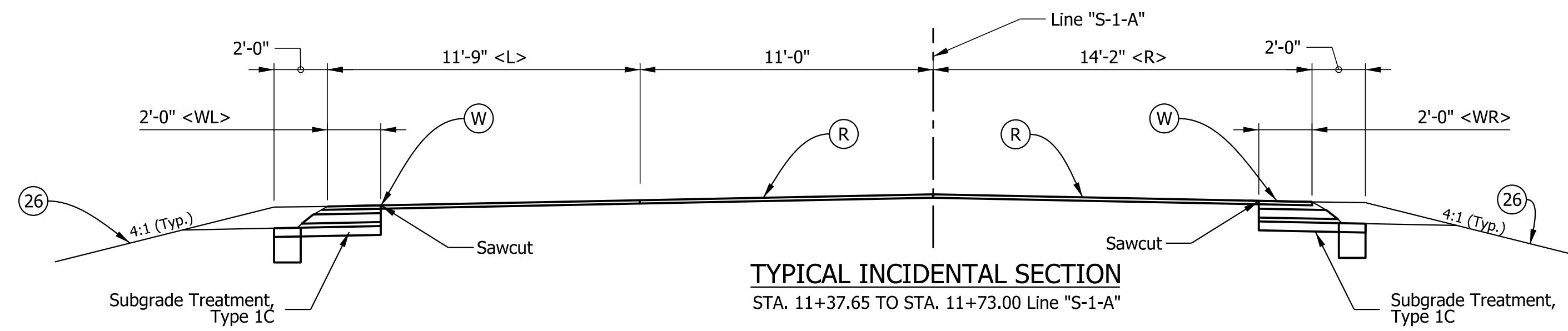


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

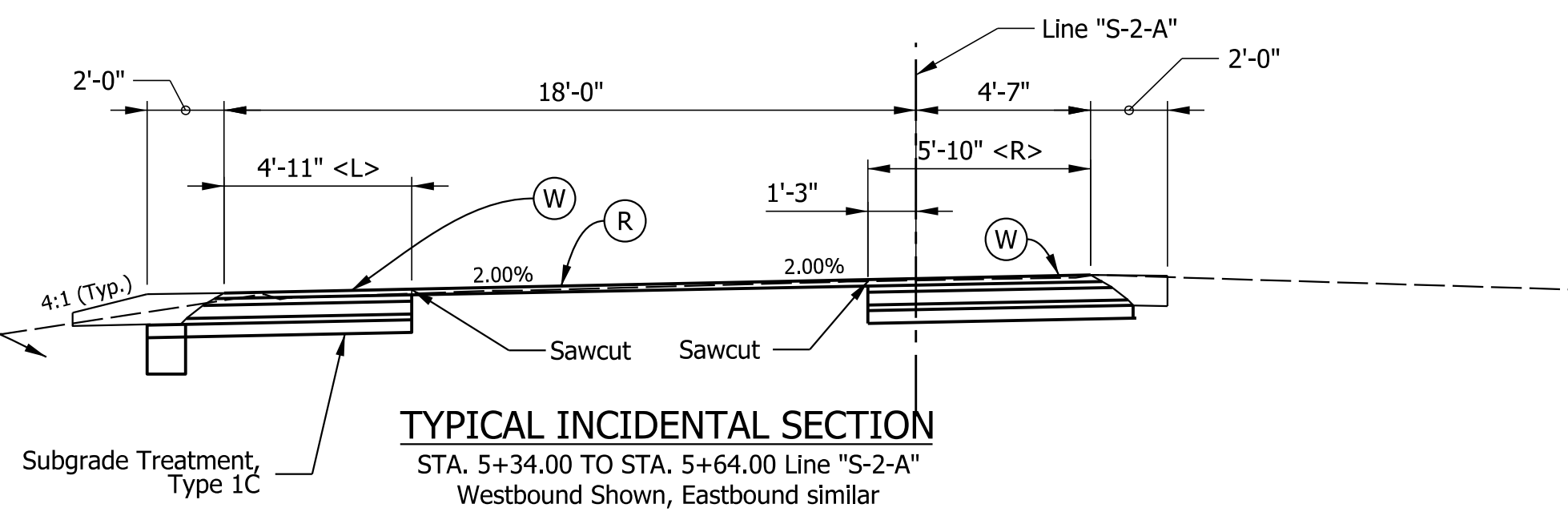
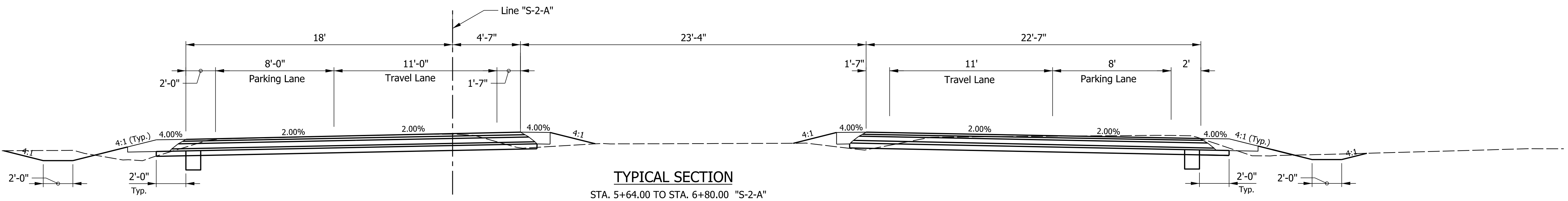
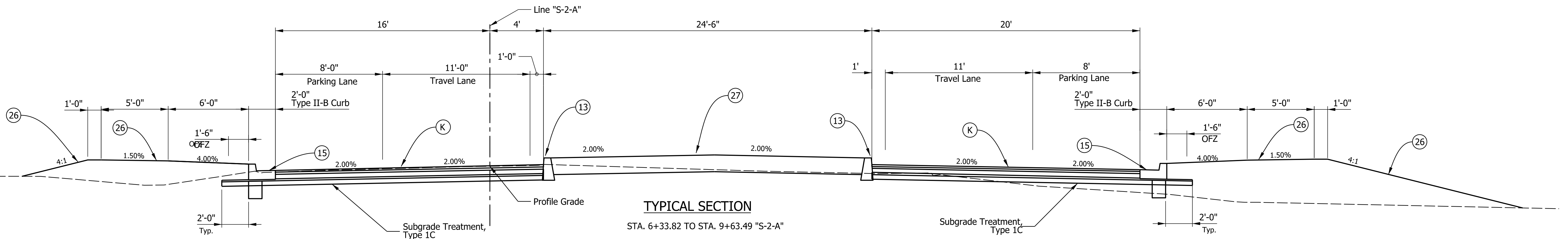
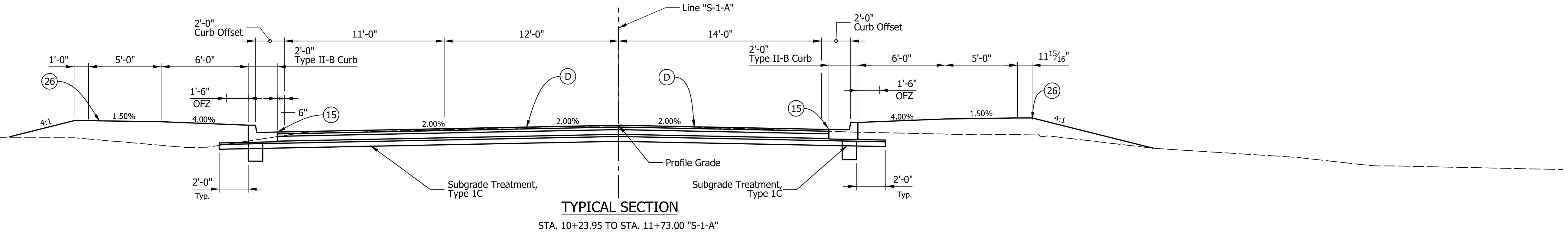
CITY OF FORT WAYNE INDIANA

TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	5 of 164
CONTRACT	PROJECT
R-42163	1901705



<R> Varies from 13'-6" at Sta. 11+37.65 to 14'-2" at Sta. 11+73.00.
 <WR> Varies from 3'-9" at Sta. 11+37.65 to 2'-0" at Sta. 11+73.00.
 <L> Varies from 13'-6" at Sta. 11+37.65 to 11'-9" at Sta. 11+73.00.
 <WL> Varies from 3'-10" at Sta. 11+37.65 to 2'-0" at Sta. 11+73.00



Westbound
 <R> Varies from 2'-0" at Sta. 5+34.00 to 4'-7" at Sta. 5+64.00.
 <L> Varies from 2'-0" at Sta. 5+34.00 to 4'-11" at Sta. 5+64.00.
 Eastbound
 <R> Varies from 2'-0" at Sta. 5+34.00 to 7'-4" at Sta. 5+64.00.
 <L> Varies from 2'-0" at Sta. 5+34.00 to 3'-2" at Sta. 5+64.00

(D) HMA for Approaches Type B
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on
 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
 Subgrade Treatment, Type IC, on
 Geotextile, Type IA (NW)

(R) Milling, Asphalt 1.5" then
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on
 Existing Pavement

(W) HMA FOR WIDENING
 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on
 Widening with HMA, Type C Consisting of
 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
 Subgrade Treatment, Type IC, on
 Geotextile, Type IA (NW)

- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK
 140#/SYD HMA Surface, Type B on
 220#/SYD HMA Intermediate, Type B on
 6" Compacted Aggregate No. 53, Base on
 Subgrade Treatment Type III
- (J2) COMPACTED AGGREGATE FOR SHOULDER
 10" Compacted Aggregate No. 53, Base

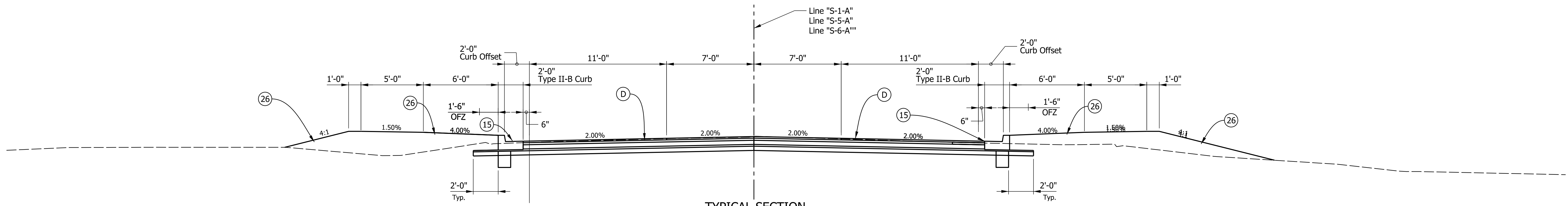


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
 INDIANA

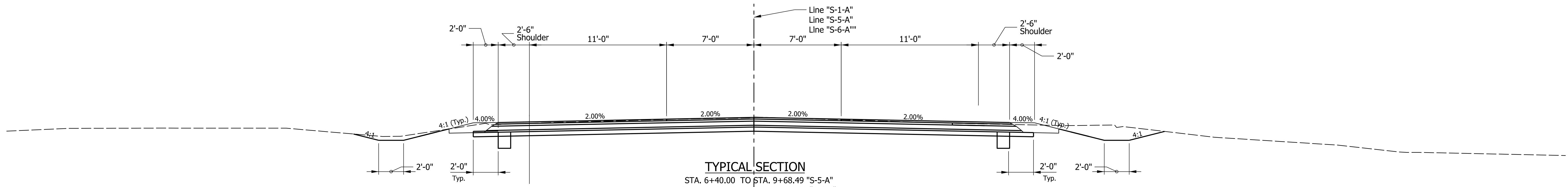
TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	6 of 164
CONTRACT	PROJECT
R-42163	1901705



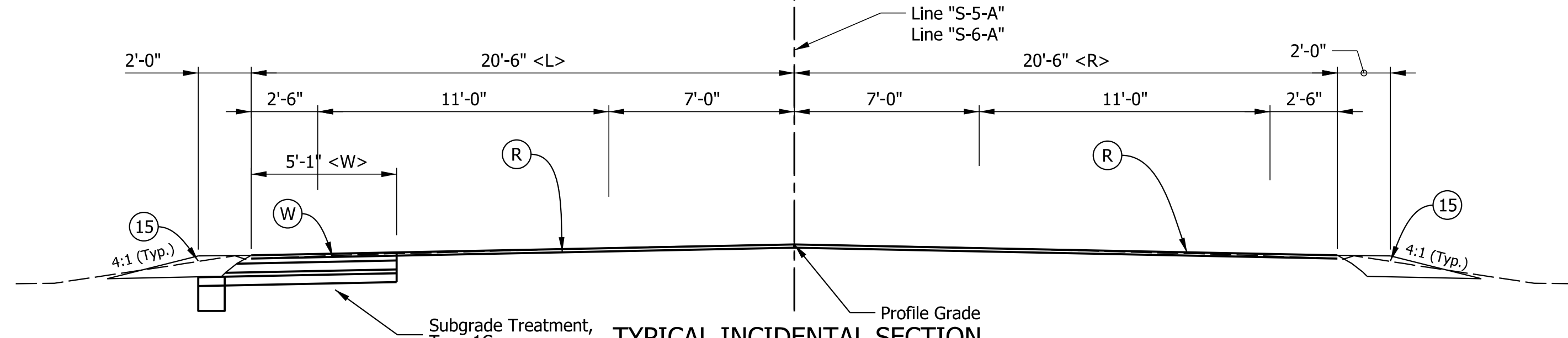
TYPICAL SECTION

STA. 6+40.00 TO STA. 9+68.49 "S-5-A"
 STA. 10+29.50 TO STA. 11+60.00 "S-6-A"



TYPICAL SECTION

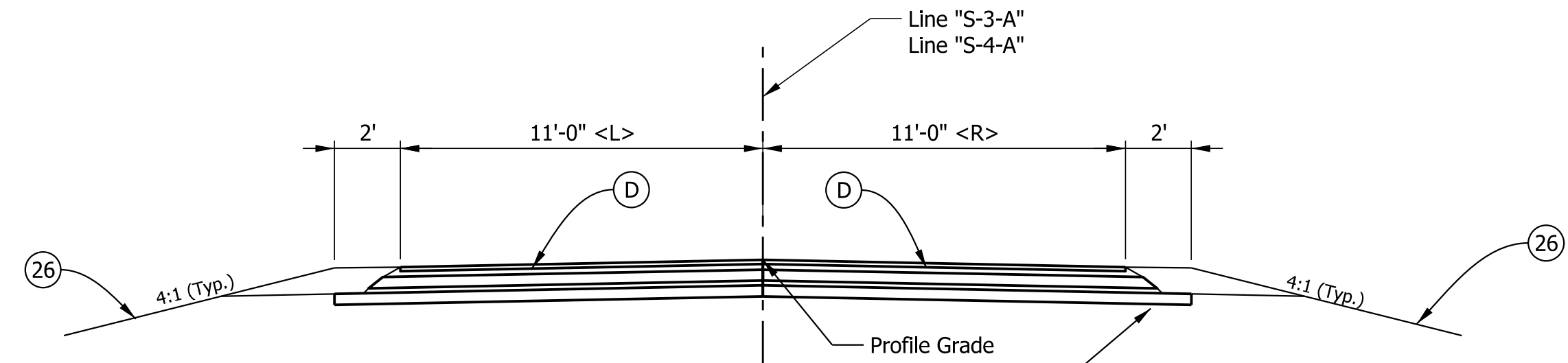
STA. 6+40.00 TO STA. 9+68.49 "S-5-A"
 STA. 10+29.50 TO STA. 11+60.00 "S-6-A"



TYPICAL INCIDENTAL SECTION

STA. 5+50.00 TO STA. 6+00.00 Line "S-5-A"
 STA. 11+45.00 TO STA. 11+60.00 Line "S-6-A"

S-5-A
 <R> Varies from 23'-6" at Sta. 5+50.00 to 20'-6" at Sta. 6+00.00.
 <L> Varies from 13'-6" at Sta. 5+50.00 to 20'-6" at Sta. 6+00.00.
 <W> Varies from 2'-0" at Sta. 5+50.00 to 5'-1" at Sta. 6+00.00.
 S-6-A
 <R> Varies from 20'-6" at Sta. 11+45.00 to 21'-11" at Sta. 11+60.00.
 <L> Varies from 20'-6" at Sta. 11+45.00 to 21'-11" at Sta. 11+60.00



TYPICAL SECTION

STA. 9+00 TO STA. 9+63.50 Line "S-3-A"
 STA. 10.22.5 TO STA. 10+82.00 Line "S-4-A"

<L>
 VARIES FROM 9'-2" AT STA. 9+00 TO 13'-0" AT STA. 9+36.6 Line "S-3-A"
 VARIES FROM 13'-0" AT STA. 10+49.24 TO 9'-2" AT STA. 10+82.00 Line "S-4-A"

<R>
 VARIES FROM 9'-2" AT STA. 9+00 TO 13'-0" AT STA. 9+36.60 Line "S-3-A"
 VARIES FROM 13'-0" AT STA. 10+49.24 TO 9'-0" AT STA. 10+82.00 Line "S-4-A"

- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement

- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)

- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 140#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on Subgrade Treatment Type III
- (J2) COMPACTED AGGREGATE FOR SHOULDER 10" Compacted Aggregate No. 53, Base

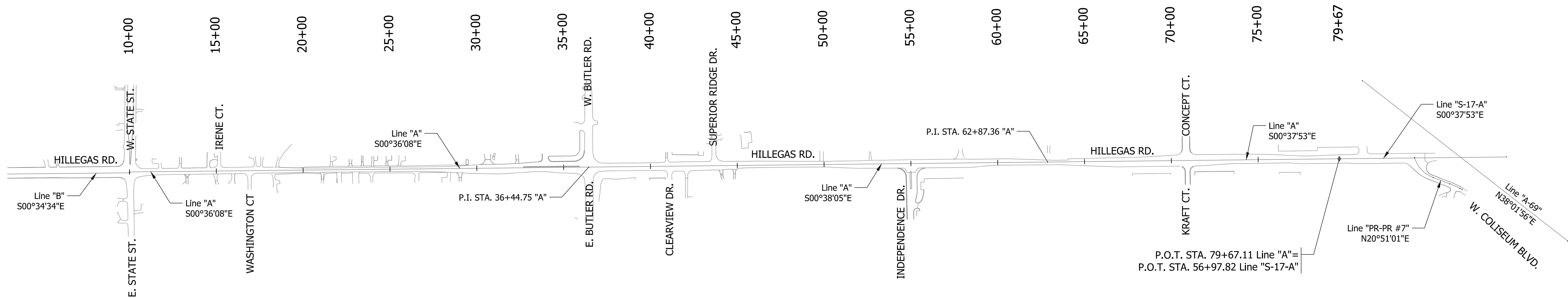
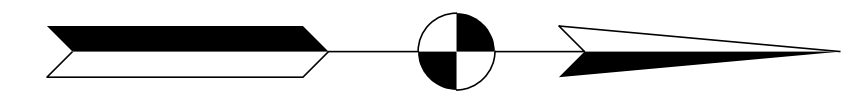


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

**CITY OF FORT WAYNE
 INDIANA**

TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	7 of 164
CONTRACT	PROJECT
R-42163	1901705



Point Type	Station	Northing	Easting	Radius	Length	Tangent
Alignment Name:		A Hillegas				
Description:						
POB	114+65.790	188597.9448	748257.6444			
POE	122+94.843	189426.9564	748249.3084			
Alignment Name:		Hillegas				
Description:						
POB	10+00.000	189425.4479	748244.0582			
PI	36+44.751	192070.0523	748216.2574			
PI	36+44.751	192070.0523	748216.2574			
PI	62+87.364	194712.5037	748186.9884			
PI	62+87.364	194712.5037	748186.9884			
POE	79+67.110	196392.1476	748168.4752			
Alignment Name:		Line PR-PR #7				
Description:						
POB	10+00.000	196825.3296	748161.0736			
PC	10+02.750	196826.1723	748163.6913			
PC	10+02.750	196826.1723	748163.6913			
PI	10+89.201	196852.6593	748245.9847	180	161.19	86.451
PT	11+63.940	196933.4489	748276.7549			
PT	11+63.940	196933.4489	748276.7549			
PC	12+66.110	197028.9282	748313.12			
PC	12+66.110	197028.9282	748313.12			
PI	12+98.111	197058.8336	748324.51	550	63.93	32.001
PT	13+30.040	197087.2163	748339.2915			
PT	13+30.040	197087.2163	748339.2915			
POE	13+44.820	197100.3251	748346.1184			
Alignment Name:		A I-69				
Description:						
POB	400+00.000	196525.553	747717.6095			
POE	415+00.000	197707.0513	748641.7641			

Plc3/10/2023 12:10:11 PM By: huythkt Per: Transportation.tbl Model: Sheet 1

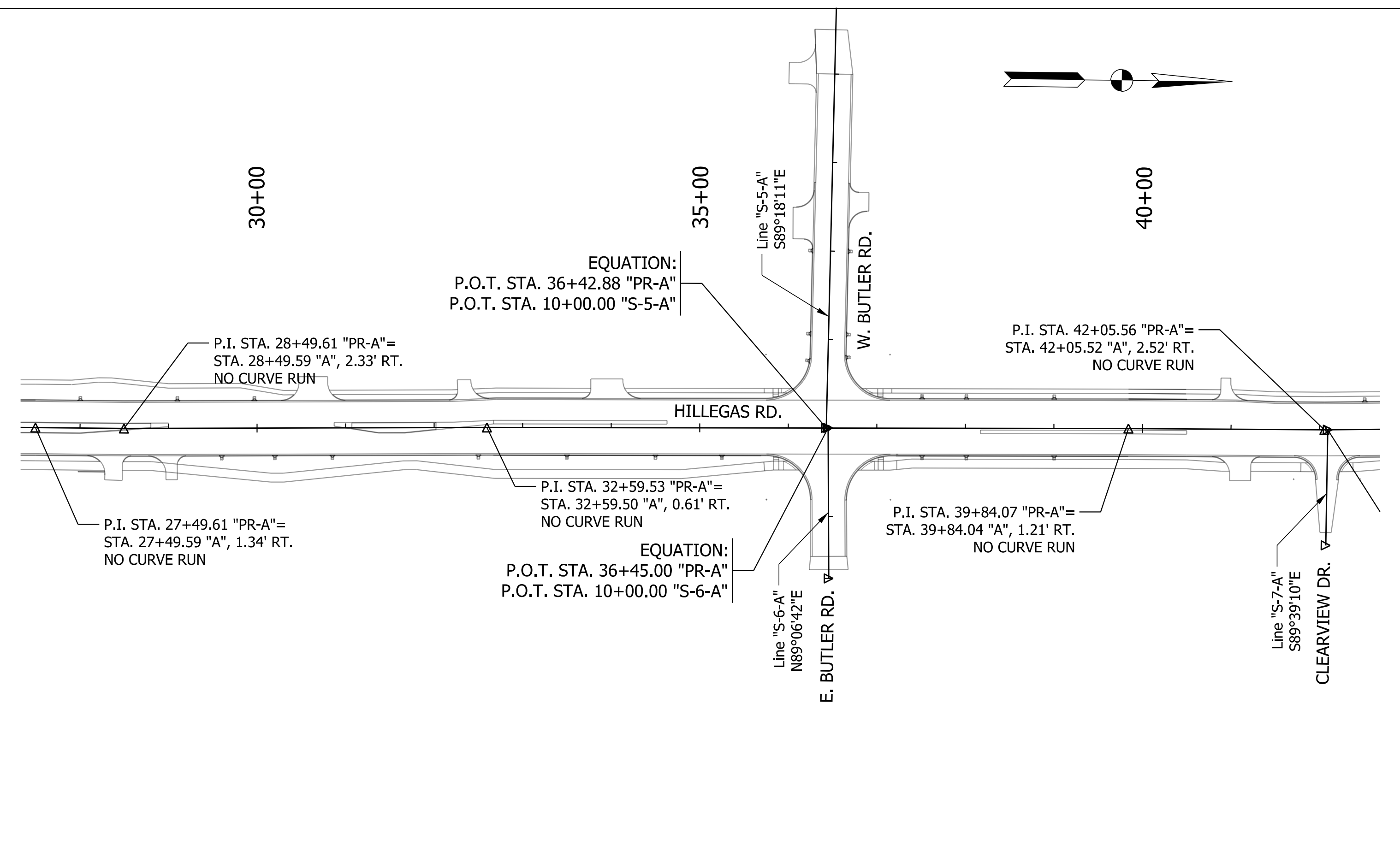
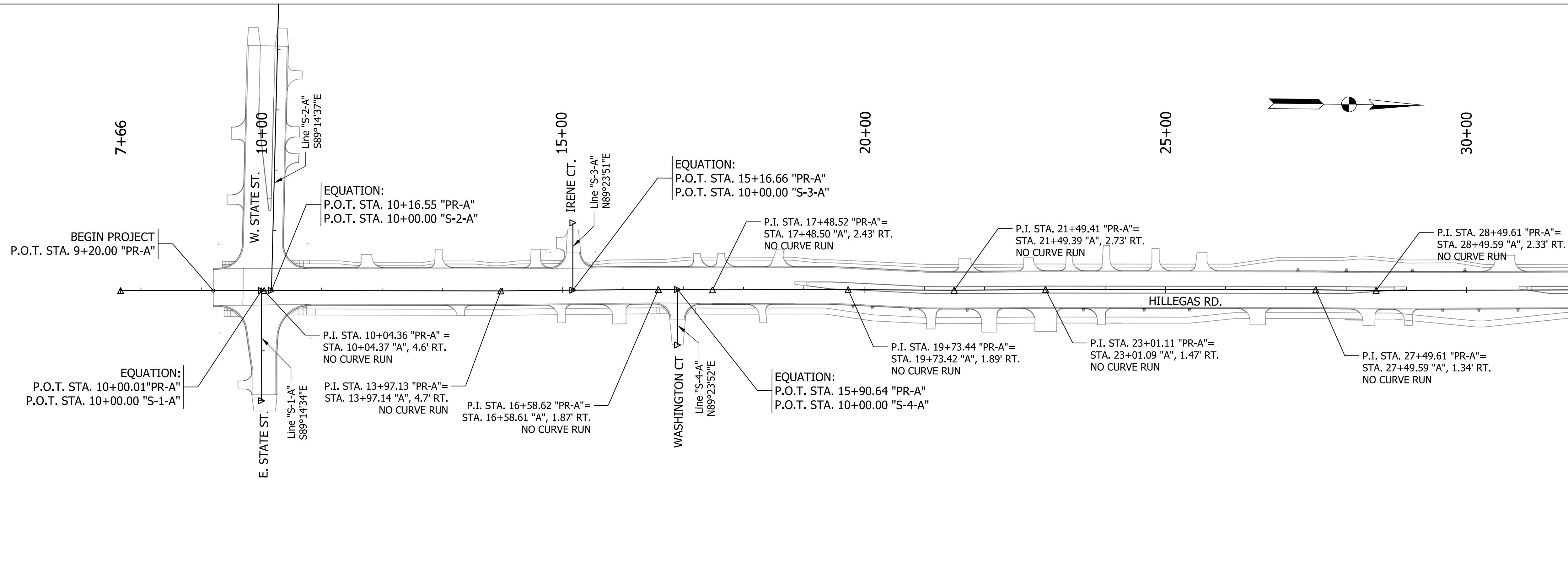


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
 INDIANA

 GEOMETRIC TIES
 EXISTING ALIGNMENTS

SCALE 1" = 300'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 8 of 164
CONTRACT R-42163	PROJECT 1901705



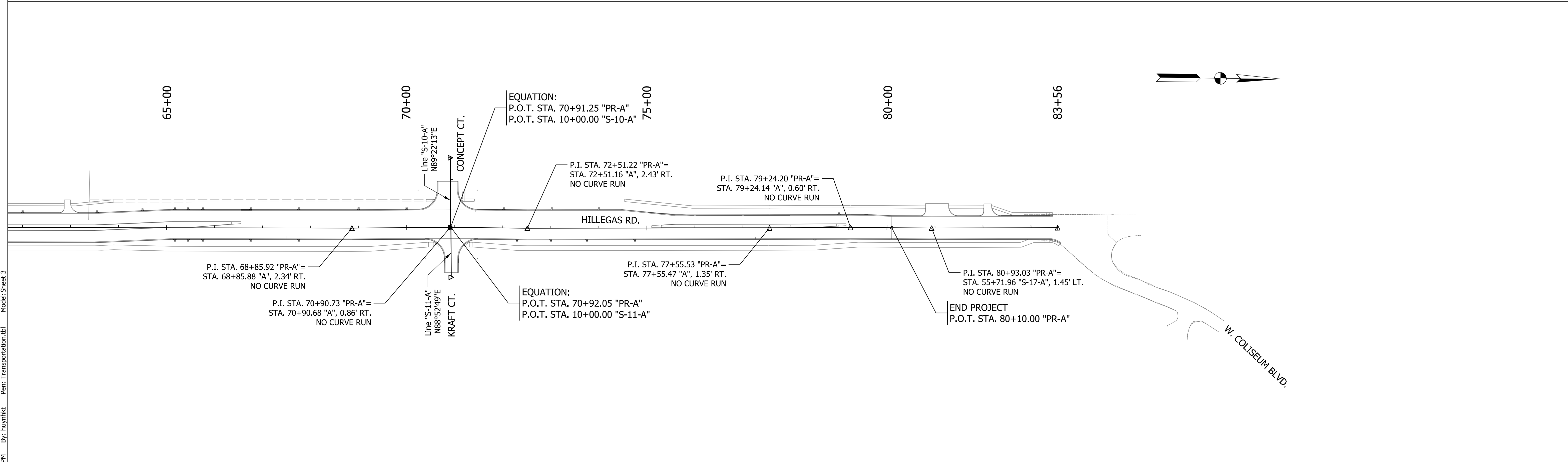
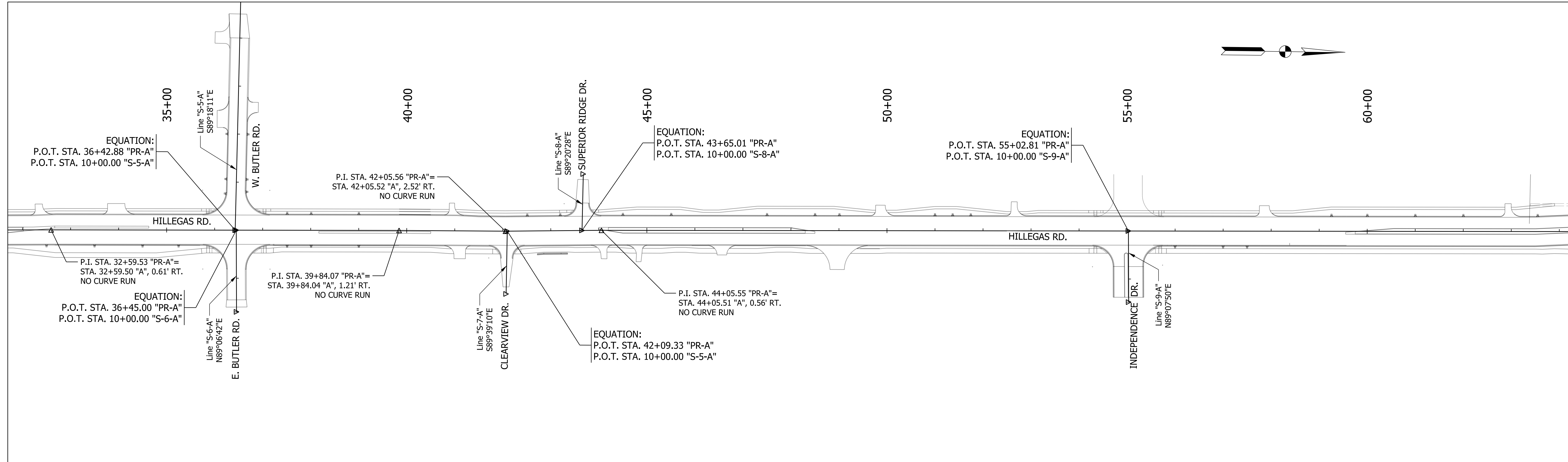
Plc3/10/2023 12:10:20 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 2



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA
GEOMETRIC TIES
PROPOSED ALIGNMENTS

SCALE	BRIDGE FILE
1" = 100'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	9 of 164
CONTRACT	PROJECT
R-42163	1901705



Plc3/10/2023 12:10:23 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 3



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
 INDIANA

**GEOMETRIC TIES
 PROPOSED ALIGNMENTS**

SCALE 1" = 100'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 10 of 164
CONTRACT R-42163	PROJECT 1901705

Plc3/10/2023 12:10:23 PM By: huythk Pen: Transportation.tbl Model:Sheet 4

Alignment Name:		PR-A							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	7+66.200	189191.716	748251.4002	N 0°40'44" W				
Tangent	PI	10+04.364	189429.8631	748248.5781					
Tangent	PI	10+04.364	189429.8631	748248.5781	N 0°35'14" W				
Tangent	PI	13+97.132	189822.6106	748244.5532					
Tangent	PI	13+97.132	189822.6106	748244.5532	N 1°12'50" W				
Tangent	PI	16+58.619	190084.039	748239.0132					
Tangent	PI	16+58.619	190084.039	748239.0132	N 0°14'57" W				
Tangent	PI	17+48.516	190173.9353	748238.6222					
Tangent	PI	17+48.516	190173.9353	748238.6222	N 0°44'29" W				
Tangent	PI	19+73.438	190398.8383	748235.7117					
Tangent	PI	19+73.438	190398.8383	748235.7117	N 0°19'41" W				
Tangent	PI	21+49.406	190574.8032	748234.7046					
Tangent	PI	21+49.406	190574.8032	748234.7046	N 1°04'33" W				
Tangent	PI	23+01.108	190726.4784	748231.8562					
Tangent	PI	23+01.108	190726.4784	748231.8562	N 0°37'08" W				
Tangent	PI	27+49.613	191174.9579	748227.0119					
Tangent	PI	27+49.613	191174.9579	748227.0119	N 0°02'07" W				
Tangent	PI	28+49.612	191274.9565	748226.9501					
Tangent	PI	28+49.612	191274.9565	748226.9501	N 0°50'33" W				
Tangent	PI	32+59.532	191684.8325	748220.9234					
Tangent	PI	32+59.532	191684.8325	748220.9234	N 0°34'15" W				
Tangent	PI	39+84.069	192409.3333	748213.7061					
Tangent	PI	39+84.069	192409.3333	748213.7061	N 0°17'42" W				
Tangent	PI	42+05.558	192630.8189	748212.5662					
Tangent	PI	42+05.558	192630.8189	748212.5662	N 0°11'44" W				
Tangent	PI	44+05.555	192830.7724	748208.3935					
Tangent	PI	44+05.555	192830.7724	748208.3935	N 0°35'34" W				
Tangent	PI	68+85.924	195311.009	748182.729					
Tangent	PI	68+85.924	195311.009	748182.729	N 1°02'41" W				
Tangent	PI	70+90.729	195515.7802	748178.9946					
Tangent	PI	70+90.729	195515.7802	748178.9946	N 0°04'19" W				
Tangent	PI	72+51.221	195676.2716	748178.7933					
Tangent	PI	72+51.221	195676.2716	748178.7933	N 0°45'13" W				
Tangent	PI	77+55.531	196180.5386	748172.1599					
Tangent	PI	77+55.531	196180.5386	748172.1599	N 0°53'18" W				
Tangent	PI	79+24.203	196349.1898	748169.5452					
Tangent	PI	79+24.203	196349.1898	748169.5452	N 0°20'36" W				
Tangent	PI	80+93.033	196518.0164	748168.5339					
Tangent	PI	80+93.033	196518.0164	748168.5339	N 0°48'11" W				
Tangent	POE	83+55.520	196780.4777	748164.8551					

Alignment Name:		E State St (S-1-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	10+00.000	189425.5083	748248.6297	N 89°14'34" E				
Tangent	POE	11+83.000	189427.9273	748431.6176					
Alignment Name:		W State St (S-2-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	3+00.000	189451.29	747548.5142	S 89°14'37" E				
Tangent	POE	10+00.000	189442.0486	748248.4532					
Alignment Name:		Irene Ct (S-3-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	8+88.08	189940.9387	748130.1059	N 89°23'51" E				
Tangent	POE	10+00.000	189942.1154	748242.0207					
Alignment Name:		Washington Ct (S-4-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	10+00.000	190116.0617	748238.8739	N 89°23'52" E				
Tangent	POE	10+92.156	190117.0304	748331.0249					
Alignment Name:		W Butler Rd (S-5-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	3+60.000	192075.9486	747577.1521	S 89°18'11" E				
Tangent	POE	10+00.000	192068.1636	748217.1047					
Alignment Name:		E Butler Rd (S-6-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	10+00.000	192070.282	748217.0836	N 89°06'42" E				
Tangent	POE	11+70.000	192072.9178	748387.0632					
Alignment Name:		Clearview Dr (S-7-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	10+00.000	192634.5872	748212.4876	S 89°39'10" E				
Tangent	POE	11+30.695	192633.7951	748343.1801					
Alignment Name:		Superior Ridge Dr. (S-8-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	8+82.61	192791.5858	748091.8574	S 89°20'28" E				
Tangent	POE	10+00.000	192790.2357	748209.2396					
Alignment Name:		Independence Dr (S-9-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	10+00.000	193927.9688	748197.0401	N 89°07'50" E				
Tangent	POE	11+48.000	193930.2146	748345.0231					
Alignment Name:		Concept Ct (S-10-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	8+55.000	195514.7105	748034.0376	N 89°22'13" E				
Tangent	POE	10+00.000	195516.3044	748179.0288					
Alignment Name:		Kraft Pkwy (S-11-A)							
Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	10+00.000	195517.103	748178.9929	N 88°52'49" E				
Tangent	POE	11+03.88	195519.1331	748282.8507					



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____

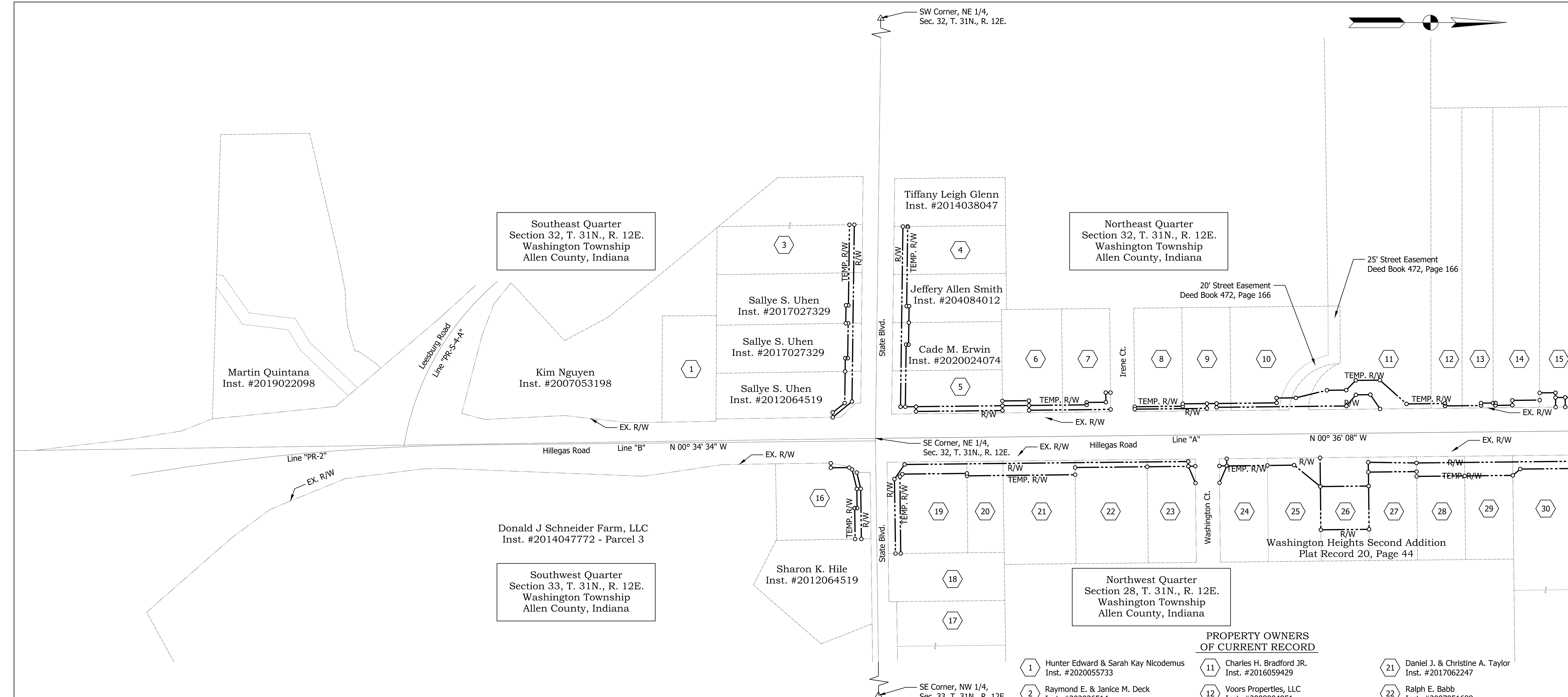
DESIGNED: ARW DRAWN: KTH/MWM

CHECKED: MJS CHECKED: MJS/ARW

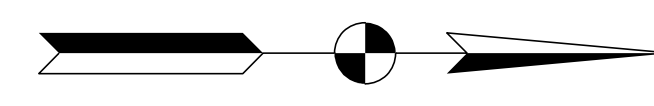
CITY OF FORT WAYNE
INDIANA

GEOMETRIC TIES
PROPOSED ALIGNMENTS

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	11 of 164
CONTRACT	PROJECT
R-42163	1901705



SW Corner, NE 1/4,
Sec. 32, T. 31N., R. 12E.



Martin Quintana
Inst. #2019022098

Southeast Quarter
Section 32, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

Sallye S. Uhen
Inst. #2017027329

Sallye S. Uhen
Inst. #2017027329

Sallye S. Uhen
Inst. #2012064519

Kim Nguyen
Inst. #2007053198

Tiffany Leigh Glenn
Inst. #2014038047

Jeffery Allen Smith
Inst. #204084012

Cade M. Erwin
Inst. #2020024074

Northeast Quarter
Section 32, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

20' Street Easement
Deed Book 472, Page 166

25' Street Easement
Deed Book 472, Page 166

Line "PR-2"

Hillegas Road Line "B" N 00° 34' 34" W

SE Corner, NE 1/4,
Sec. 32, T. 31N., R. 12E.

Hillegas Road Line "A" N 00° 36' 08" W

Donald J Schneider Farm, LLC
Inst. #2014047772 - Parcel 3

Southwest Quarter
Section 33, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

Sharon K. Hile
Inst. #2012064519

Northwest Quarter
Section 28, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

Washington Heights Second Addition
Plat Record 20, Page 44

PROPERTY OWNERS
OF CURRENT RECORD

- | | | |
|---|---|--|
| 1 Hunter Edward & Sarah Kay Nicodemus
Inst. #2020055733 | 11 Charles H. Bradford JR.
Inst. #2016059429 | 21 Daniel J. & Christine A. Taylor
Inst. #2017062247 |
| 2 Raymond E. & Janice M. Deck
Inst. #202036514 | 12 Voors Properties, LLC
Inst. #2008004951 | 22 Ralph E. Babb
Inst. #2007051688 |
| 3 Kenneth M. & Corrine L. Lyttle
Inst. #203003607 | 13 Jen Wei
Inst. #2020080143 | 23 Leila M. & Lee Vaden
Inst. #2008038515 |
| 4 Robert & Susan J. Bingamon
Inst. #2021038030 | 14 Billy H. Oblinger
Inst. #2017039794 | 24 Mark & Stephanie Baker
Inst. #2016068442 |
| 5 Donald M. & Ellen L. Luepke
Inst. #2018037092 | 15 David M. Schaffer
Inst. #88026001 | 25 Nickolas S. & Ashly N. Annis
Inst. #2019042320 |
| 6 Corey D. Baker
Inst. #2020062703 | 16 Gwendolyn R. Sordelet
Inst. #990031177 | 26 William L. & Mildred M. Anderson
Inst. #2040054728 |
| 7 Thompson Tanner
Inst. #2020031073 | 17 Don A. & Edna Heckber
Inst. #200023385 | 27 Cami LLC
Inst. #205010626 |
| 8 Daniel T. Haisley
Inst. #2013040812 | 18 Don A. & Edna Heckber
Inst. #2011017360 | 28 Cami LLC
Inst. #205009817 |
| 9 Bruce A. Kinley
Inst. #970051669 | 19 Norma A. Skinner
Inst. #200029659 | 29 AC Development Corp.
Inst. #2017067937 |
| 10 Don B. Lieberum & Annette
Kitt Francher Lieberum
Inst. #2016068123 | 20 Daniel J. Taylor
Inst. #2012023519 | 30 Todd Vonderau & Gina Bunn
Inst. #2010065766 |

Plc:3/10/2023 12:10:44 PM By: huythkt Per: Transportation.tbl Model:Sheet 1

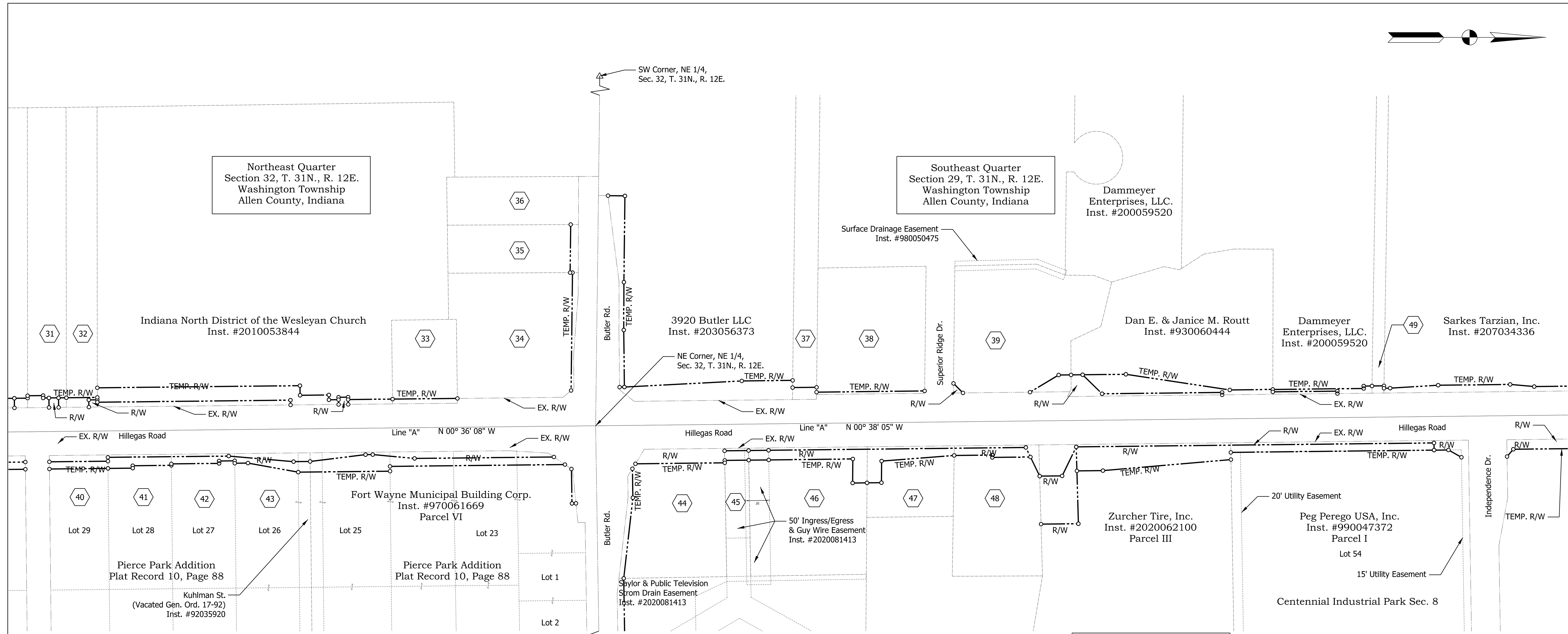
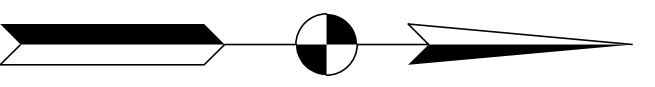


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

PLAT NO. 1

SCALE 1" = 100'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS
	12 of 164
CONTRACT R-42163	PROJECT 1901705



**PROPERTY OWNERS
OF CURRENT RECORD**

- | | | |
|---|--|---|
| 31 Carol J. Clayton
Inst. #2021025771 | 37 Pinnacle Tower Inc.
Inst. #990065030 | 43 Cook & Schenkel Properties, LLC.
Inst. #2009007877 |
| 32 William E. Kesterke
Inst. #204053400 | 38 F & J Enterprises, Inc.
Inst. #960001530 | 44 Don K. Saylor
Parcel I
Inst. #2021021434 |
| 33 Lorene K. Thiele
Inst. #2017064627 | 39 HK Investments LLC
Inst. #980050475 | 45 Fort Wayne Public Television, Inc.
Inst. #1982009625 |
| 34 Casper LLC.
Inst. #204076212 | 40 Ruiz Maximino Quinta
Inst. #960022622 | 46 Finnegan's Playground, LLC.
Parcel I
Inst. #2020011644 |
| 35 Carper, LLC
Inst. #2022004866 | 41 Raymond E. & Janice M. Deck
Inst. #2050009413 | 47 Todd W. Haifley
Inst. #2014050427 |
| 36 Ronald Silvers et al.
Inst. #2011036550 | 42 E & M Royal Properties, LLC.
Inst. #2017045027 | 48 Christopher Treesh
Inst. #2017041009 |
| | | 49 Gregory J Case
Inst. #2015025750 |

Plc:3/10/2023 12:10:45 PM By: huynhkt Per: Transportation.tbl Model:Sheet 2

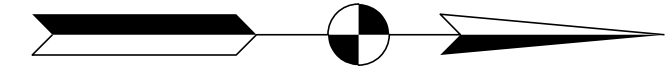


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

**CITY OF FORT WAYNE
INDIANA**

PLAT NO. 1

SCALE 1" = 100'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 13 of 164
CONTRACT R-42163	PROJECT 1901705



SW Corner, NE 1/4,
Sec. 29, T. 31N., R. 12E.

SE Corner, NW 1/4,
Sec. 28, T. 31N., R. 12E.

Southeast Quarter
Section 29, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

Northeast Quarter
Section 29, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

Fort Wayne TV, LLC.
Inst. #2018003724

Rogers Markets, Inc.
Parcel I
Inst. #2005060796

SLG Real Estate Holdings, LLC.
Inst. #2017043817

NE Corner, SE 1/4,
Sec. 29, T. 31N., R. 12E.

Concept Ct.

Interstate 69
EX. L.A. R/W

Line "A-L-69"

Access Road Easement
Inst. #89-13233 & 89-22421

S 00° 37' 53" E

N 00° 38' 05" W

Line "A" N 00° 37' 53" W

N 00° 37' 53" W

Line "A"

Line "S-17-A"

N 38° 01' 56" E

Interstate 69

TEMP. R/W

Hillegas Road

R/W

Line "A"

R/W

EX. R/W

Hillegas Road

TEMP. R/W

EX. R/W

Hillegas Road

TEMP. R/W

EX. R/W

20' Storm Sewer Easement

TEMP. R/W

EX. R/W

Hillegas Road

TEMP. R/W

EX. R/W

Line "A"

R/W

EX. R/W

Hillegas Road

TEMP. R/W

EX. R/W

Coliseum Blvd.
N 00° 37' 53" W

Line "PR #7"

EX. R/W

53

15' Easement

Lot 74

Southwest Quarter
Section 28, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

Peg Perego USA, Inc.
Inst. #2004001658

Hillegas Realty
Tract #3
Inst. #2003087139

54

55

56

CES Management LLC.
Tract #6
Inst. #2019021138

City of Fort Wayne
Inst. #2010018711

S & A Real Estate, LLC.
Inst. #2009056668

Northwest Quarter
Section 28, T. 31N., R. 12E.
Washington Township
Allen County, Indiana

Secondary Development Plan
of Hillegas Industrial Park
Plat Cabinet D, Page 130

Ingress / Egress Easement Per
Secondary Development Plan
of Hillegas Industrial Park

PROPERTY OWNERS
OF CURRENT RECORD

50 EAP, LLC.
Parcel I
Inst. #2013063921

52 Deer Island, LLC.
Inst. #2021040215

54 Hillegas Industrial Park Owners Association, Inc.
Inst. #205011635

51 Ironwood Equity Partners, LLC.
Parcel I
Inst. #2016051180

53 MD5 Fort Wayne LLC
Inst. #2016053744

55 John F. Popp Business Corp.
Inst. #2003127378

56 Don Saylor Investments LLC.
Inst. #2020006682

Fort Wayne Realty, LLC.
Parcel I
Inst. #203066946

Lot 73

Peg Perego USA, Inc.
Parcel II
Inst. #990047372



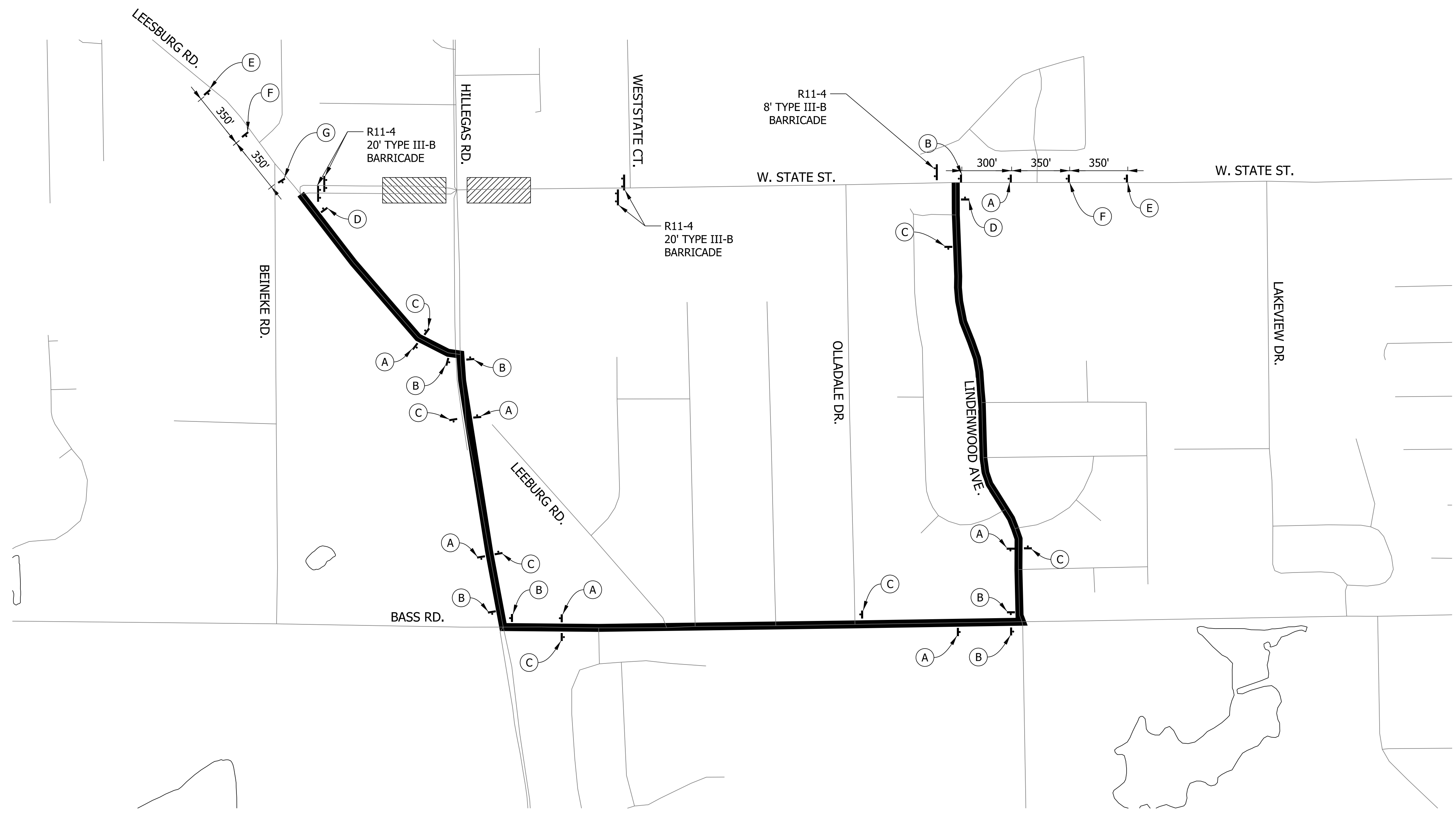
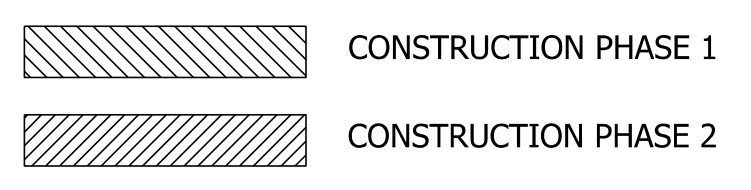
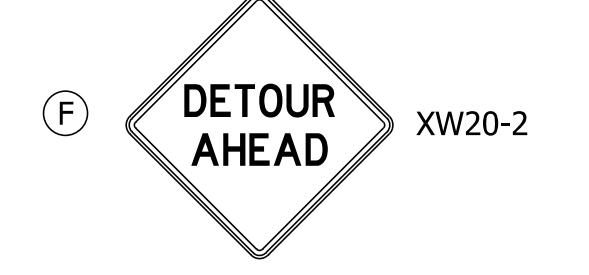
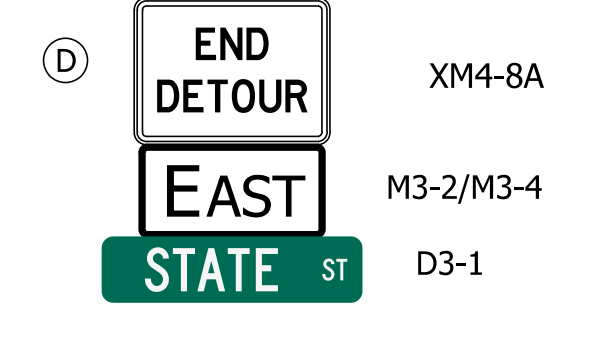
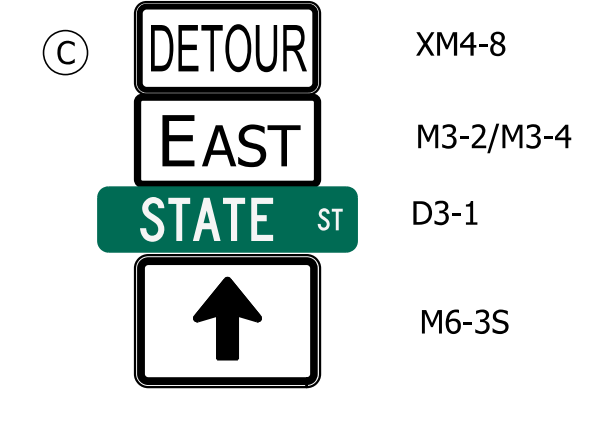
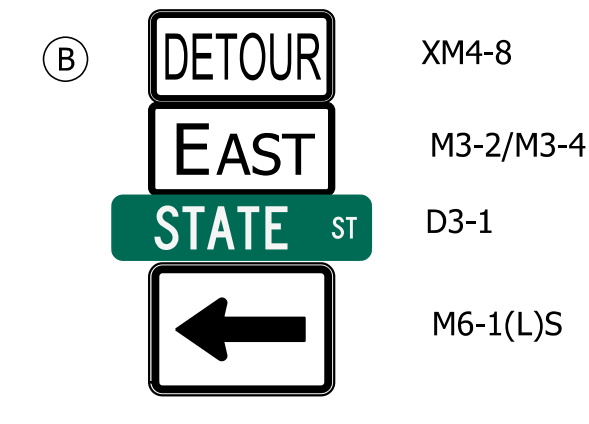
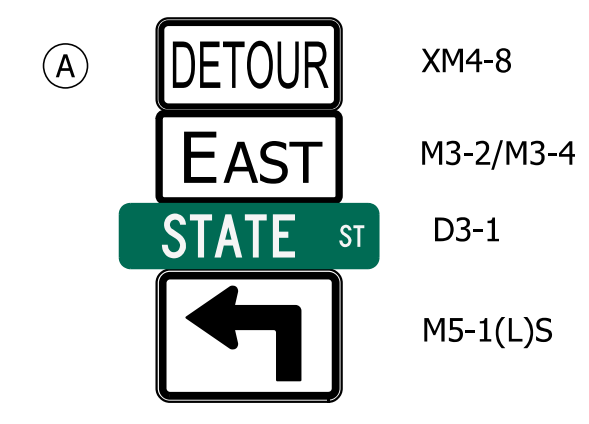
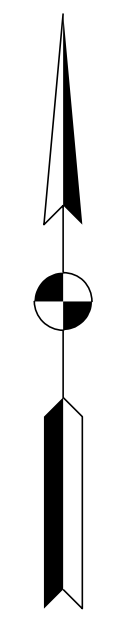
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

PLAT NO. 1

SCALE 1" = 100'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 14 of 164
CONTRACT R-42163	PROJECT 1901705

Plot:3/10/2023 12:10:46 PM By: huythkt Per: Transportation.tbl Model:Sheet 3



Plot: 3/10/2023 12:10:50 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 1





RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	


CITY OF FORT WAYNE
INDIANA


DETOUR ROUTE
STATE STREET

SCALE 1" = 400'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 15 of 164
CONTRACT R-42163	PROJECT 1901705


- (A)  XM4-8
M3-2
D3-1
M5-1(L)S

- (B)  XM4-8
M3-2
D3-1
M6-1(L)S

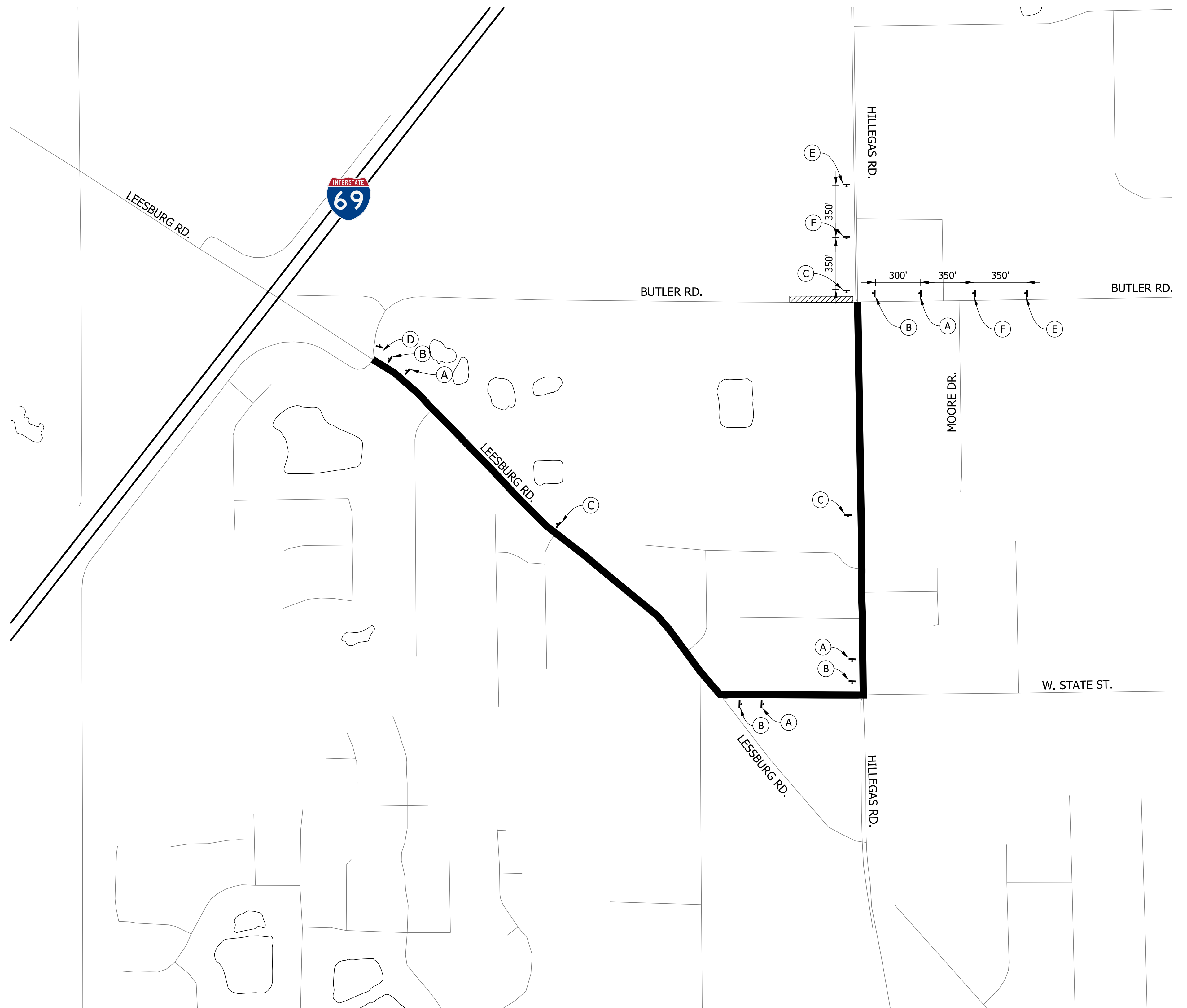
- (C)  XM4-8
M3-2
D3-1
M6-3S

- (D)  XM4-8A
M3-2
D3-1

- (E)  XW20-3

- (F)  XW20-2

 CONSTRUCTION AREA



Plc3/10/2023 12:10:52 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 1





RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	


CITY OF FORT WAYNE
INDIANA


DETOUR ROUTE
PHASE IA - BUTLER ROAD

SCALE 1" = 400'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 16 of 164
CONTRACT R-42163	PROJECT 1901705


- (A)  XM4-8
M3-2
D3-1
M5-1(L)S

- (B)  XM4-8
M3-2
D3-1
M6-1(L)S

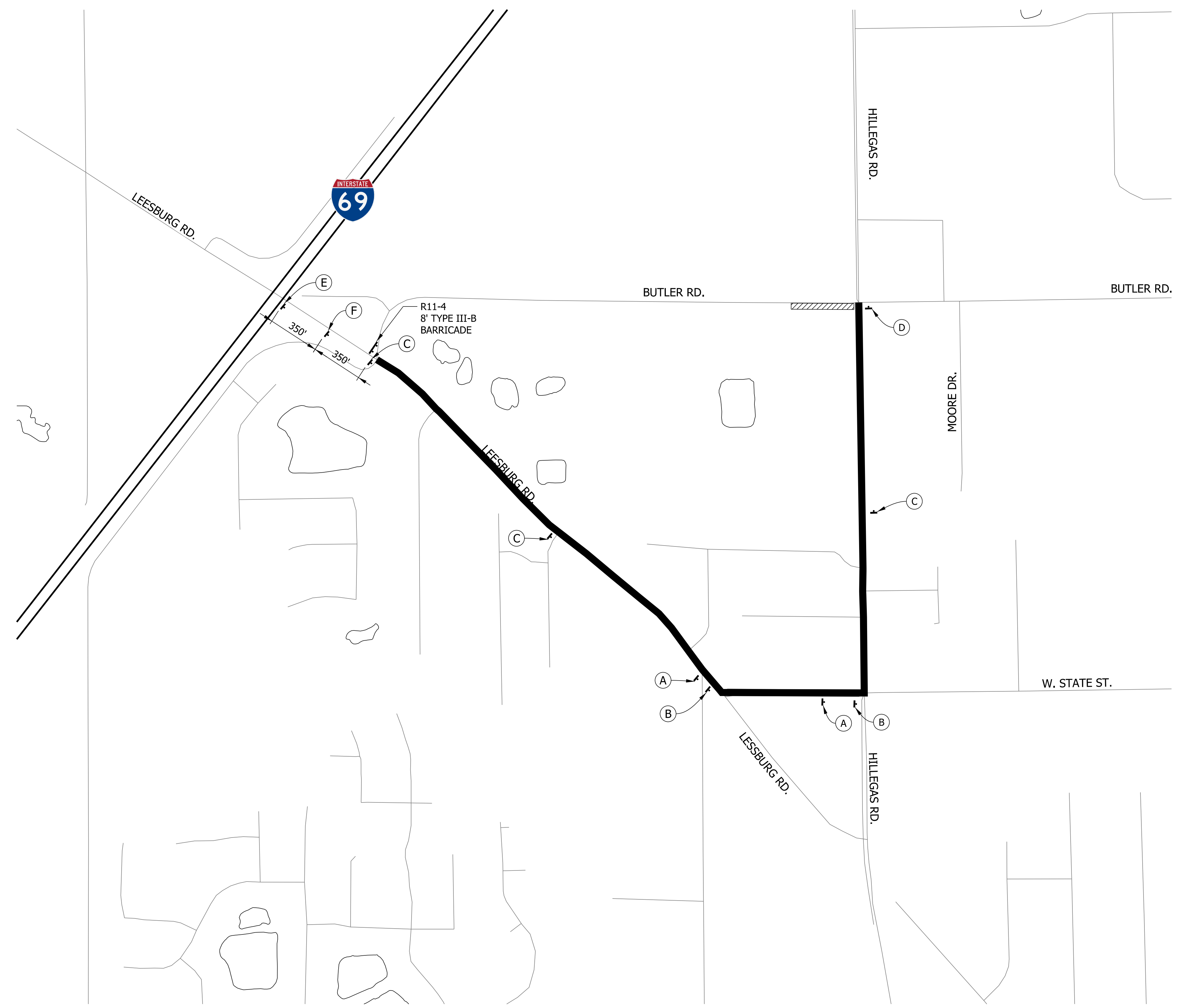
- (C)  XM4-8
M3-2
D3-1
M6-3S

- (D)  XM4-8A
M3-2
D3-1

- (E)  XW20-3

- (F)  XW20-2

 CONSTRUCTION AREA



P:\c3\10\2023 12:10:53 PM By: huynhtk Pen: Transportation.tbl Model:Sheet 2



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW _____	DRAWN: KTH/MWM _____	
CHECKED: MJS _____	CHECKED: MJS/ARW _____	

CITY OF FORT WAYNE
 INDIANA

 DETOUR ROUTE
 PHASE IIA - BUTLER ROAD

SCALE 1" = 400'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 17 of 164
CONTRACT R-42163	PROJECT 1901705

NOTES PROJECT I

Phase 1

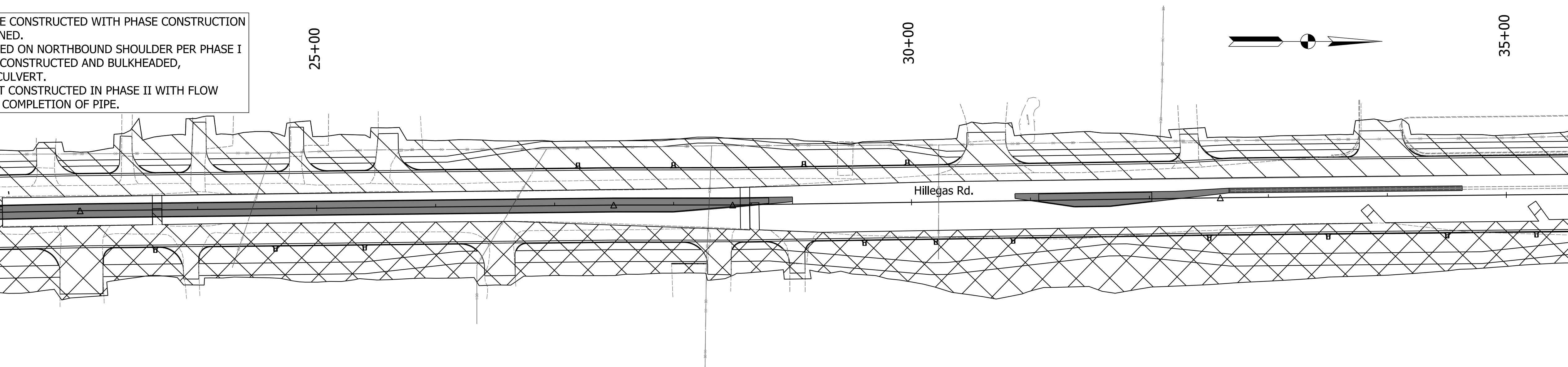
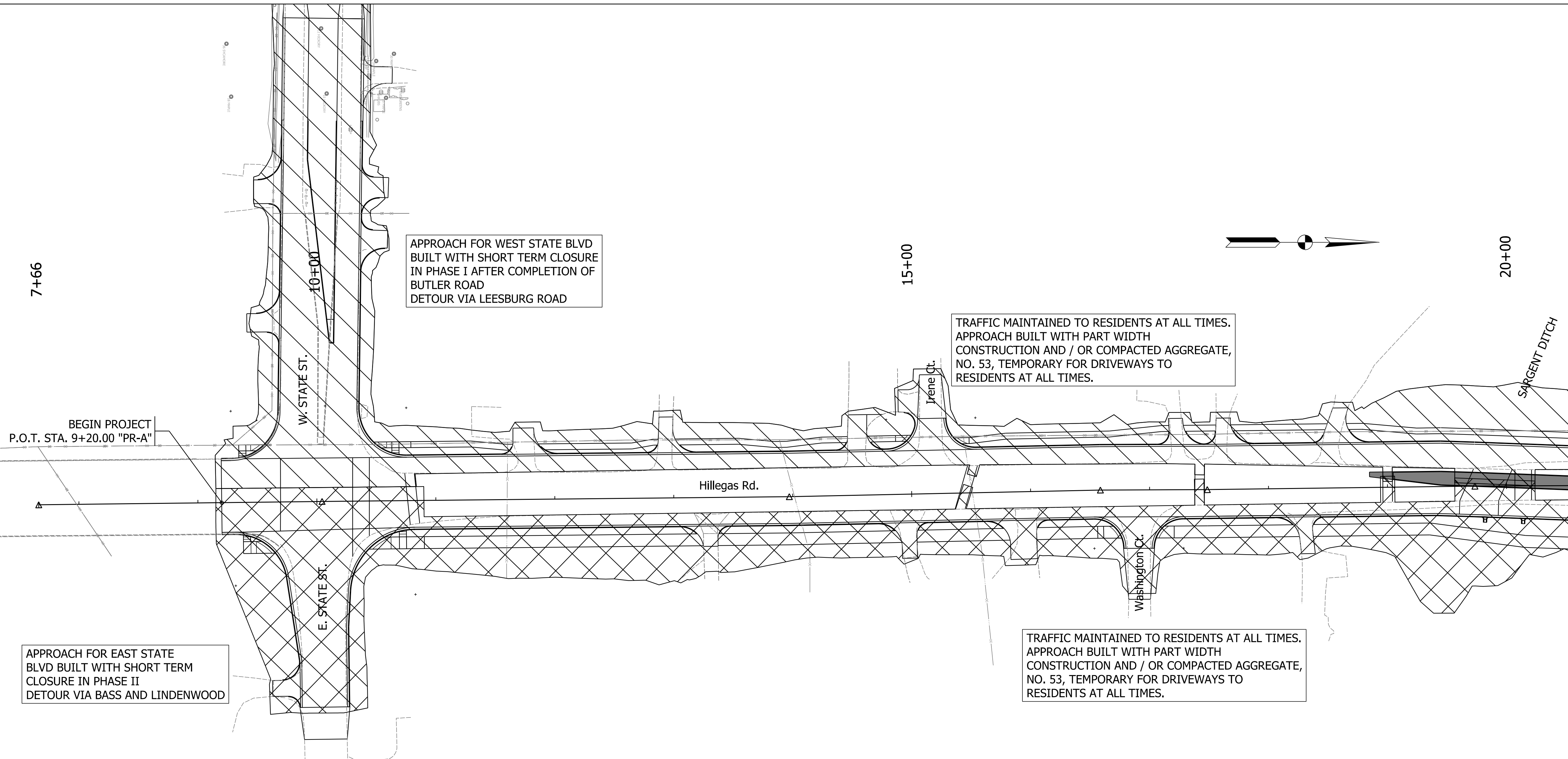
Traffic maintained on Hillegas with 2 10 foot lanes along east edge of pavement for construction of west side of the roadway and inlet of new culvert.

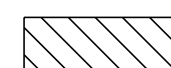


Phase 2

Traffic maintained on Hillegas with 2 11 foot lanes along curb and gutter constructed in phase 1 for construction of east side of the roadway and remainder of new culverts.

Phase 3

Median construction and landscaping with single travel lane maintained in each direction along constructed curb and gutter.



-  PHASE I
-  PHASE II
-  PHASE III



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

**MAINTENANCE OF TRAFFIC
CONSTRUCTION PHASING PLAN**

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 18 of 164
CONTRACT R-42163	PROJECT 1901705

NOTES PROJECT II

Phase 1

Traffic maintained on Hillegas with 2 10 foot lanes along west edge of pavement until Station 47+30 to construct east side of roadway and outlet of culvert. Traffic will then switch to east edge of pavement to construct west side of roadway.

Phase 2

Traffic maintained on Hillegas with 2 11 foot lanes along curb and gutter constructed in Phase for construction of west side of the roadway until Station 47+30 to build remainder of new culvert, then switching to construction on the east side of the roadway.

Phase 3

Median construction and landscaping with single travel lane maintained in each direction along constructed curb and gutter.

TRAFFIC MAINTAINED TO BUSINESSES AT ALL TIMES. APPROACH BUILT WITH PART WIDTH CONSTRUCTION AND / OR COMPACTED AGGREGATE, NO. 53, TEMPORARY FOR DRIVEWAYS

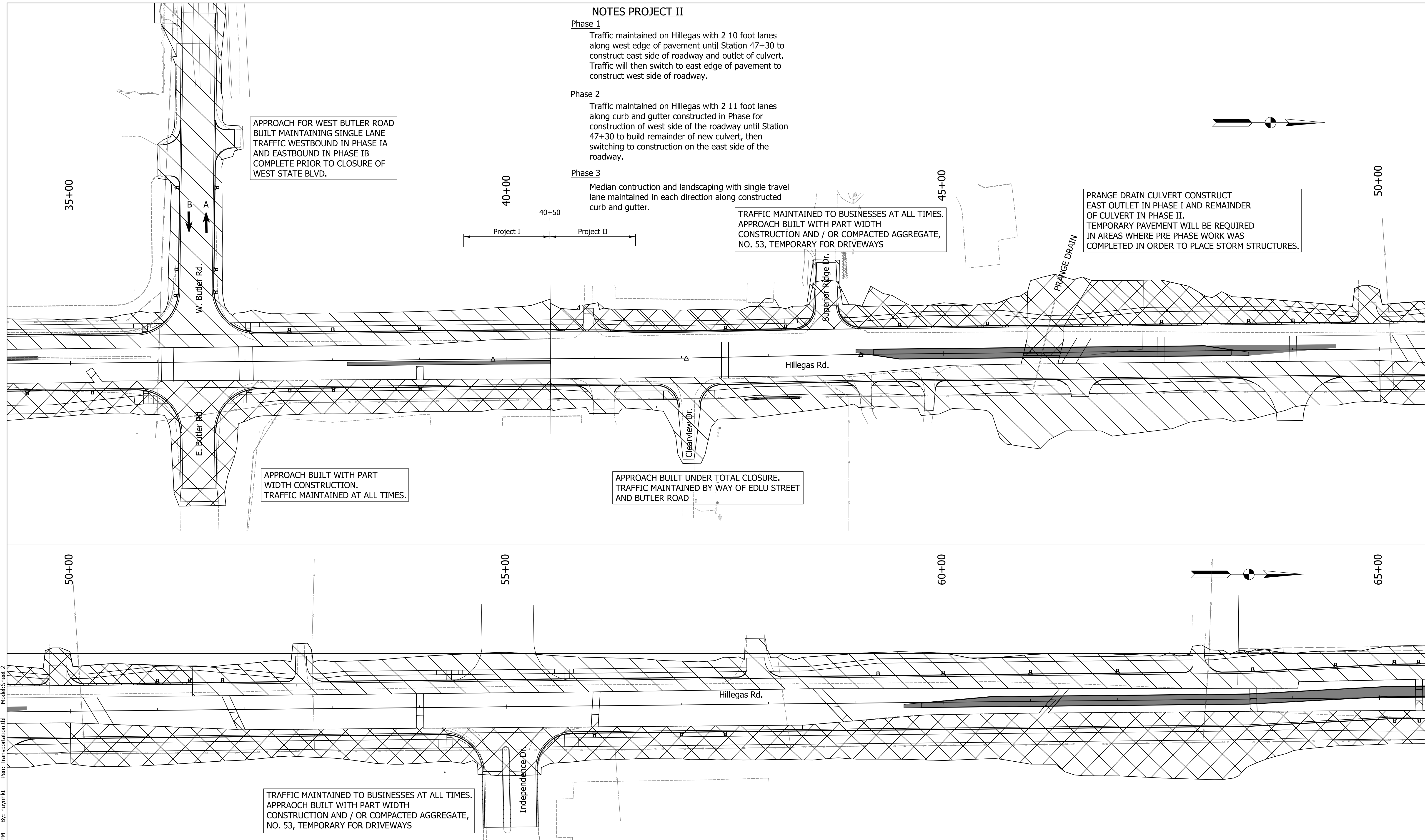
PRANGE DRAIN CULVERT CONSTRUCT EAST OUTLET IN PHASE I AND REMAINDER OF CULVERT IN PHASE II. TEMPORARY PAVEMENT WILL BE REQUIRED IN AREAS WHERE PRE PHASE WORK WAS COMPLETED IN ORDER TO PLACE STORM STRUCTURES.

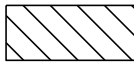


APPROACH FOR WEST BUTLER ROAD BUILT MAINTAINING SINGLE LANE TRAFFIC WESTBOUND IN PHASE IA AND EASTBOUND IN PHASE IB COMPLETE PRIOR TO CLOSURE OF WEST STATE BLVD.

APPROACH BUILT WITH PART WIDTH CONSTRUCTION. TRAFFIC MAINTAINED AT ALL TIMES.

APPROACH BUILT UNDER TOTAL CLOSURE. TRAFFIC MAINTAINED BY WAY OF EDLU STREET AND BUTLER ROAD

TRAFFIC MAINTAINED TO BUSINESSES AT ALL TIMES. APPROACH BUILT WITH PART WIDTH CONSTRUCTION AND / OR COMPACTED AGGREGATE, NO. 53, TEMPORARY FOR DRIVEWAYS



-  PHASE I
-  PHASE II
-  PHASE III



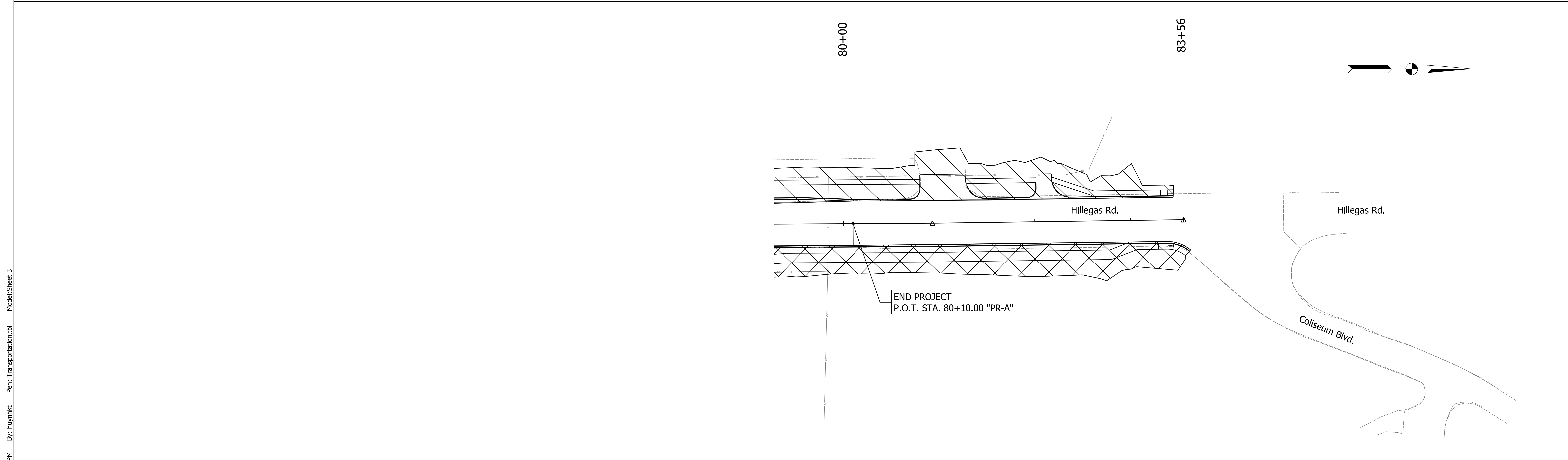
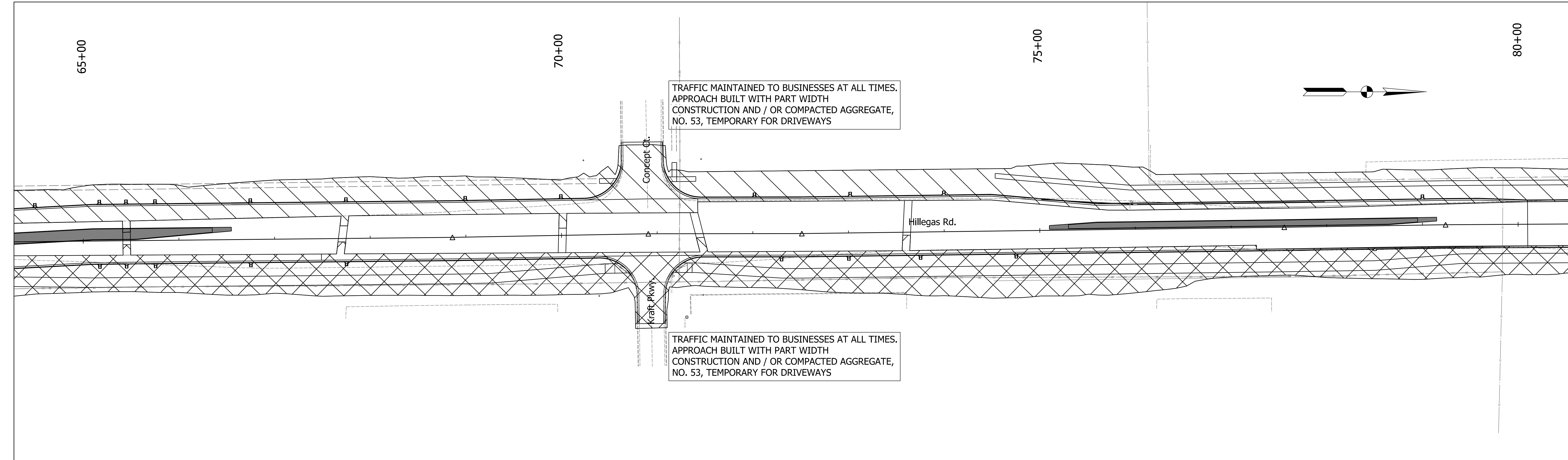
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

**MAINTENANCE OF TRAFFIC
CONSTRUCTION PHASING PLAN**

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 19 of 164
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 12:11:20 PM By: huyntkt Pen: Transportation.tbl Model: Sheet 2



Plc:3/10/2023 12:11:21 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 3

- PHASE I
- PHASE II
- PHASE III

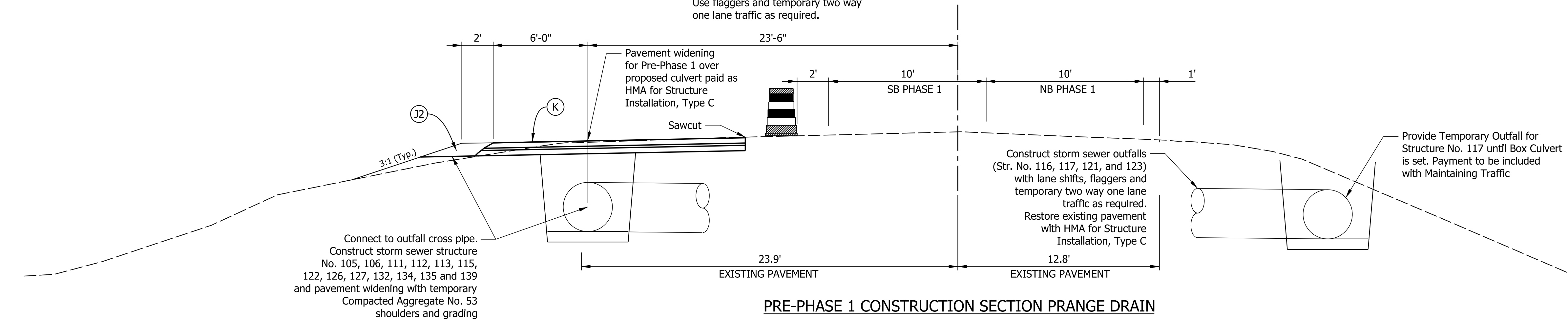
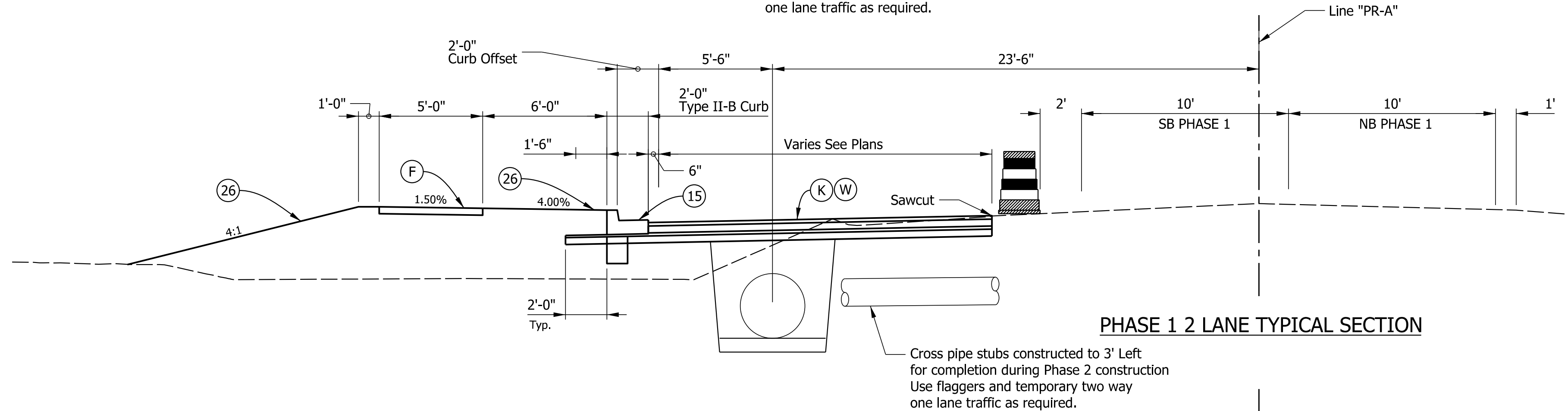
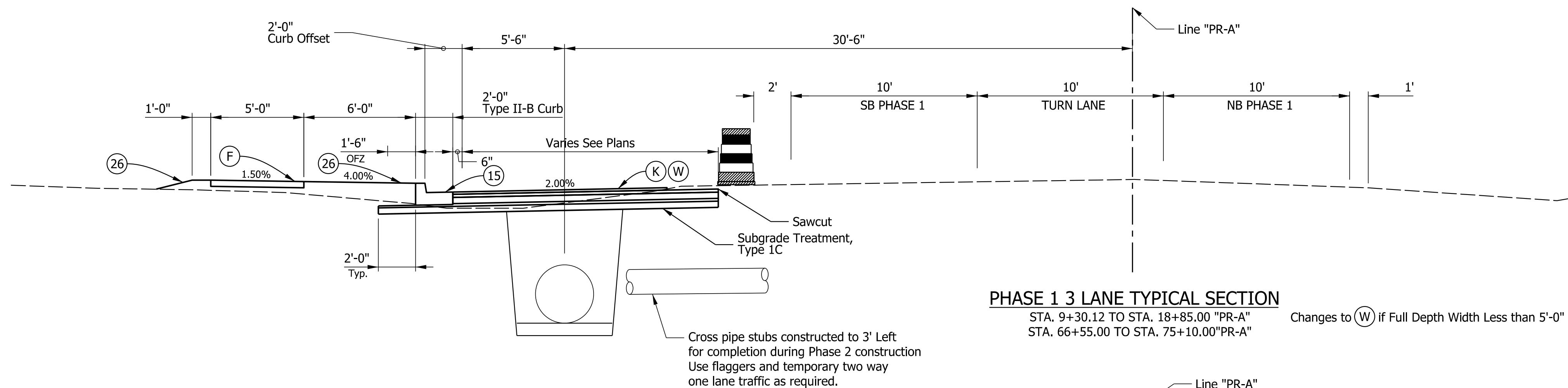


RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM		
CHECKED: MJS	CHECKED: MJS/ARW		

CITY OF FORT WAYNE
 INDIANA

 MAINTENANCE OF TRAFFIC
 CONSTRUCTION PHASING PLAN

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1901705
SURVEY BOOK	SHEETS 20 of 164
CONTRACT R-42163	PROJECT 1901705



- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (F1) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement

P10:3/10/2023 12:11:27 PM By: huythkt Per: Transportation.tbl Model: MOT Sh 1

- (J2) COMPACTED AGGREGATE NO. 53 (8.5" THK)
- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 140#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on Subgrade Treatment Type III



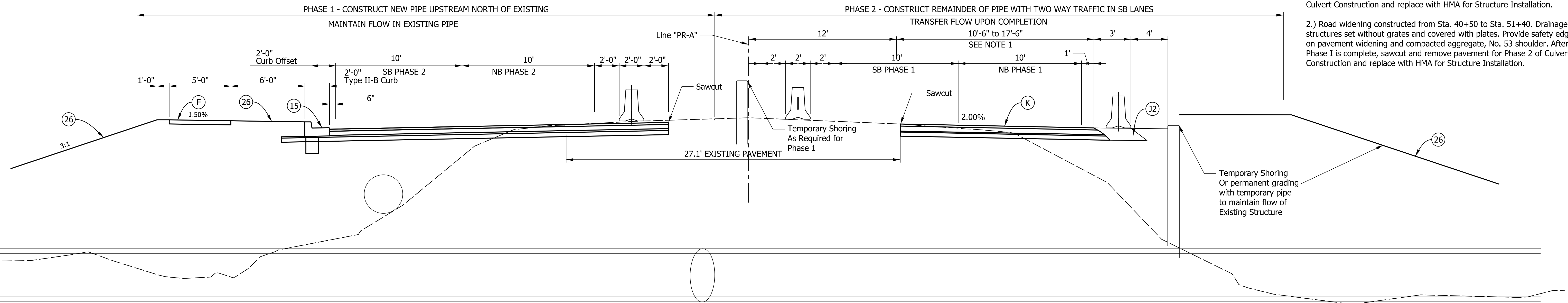
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA

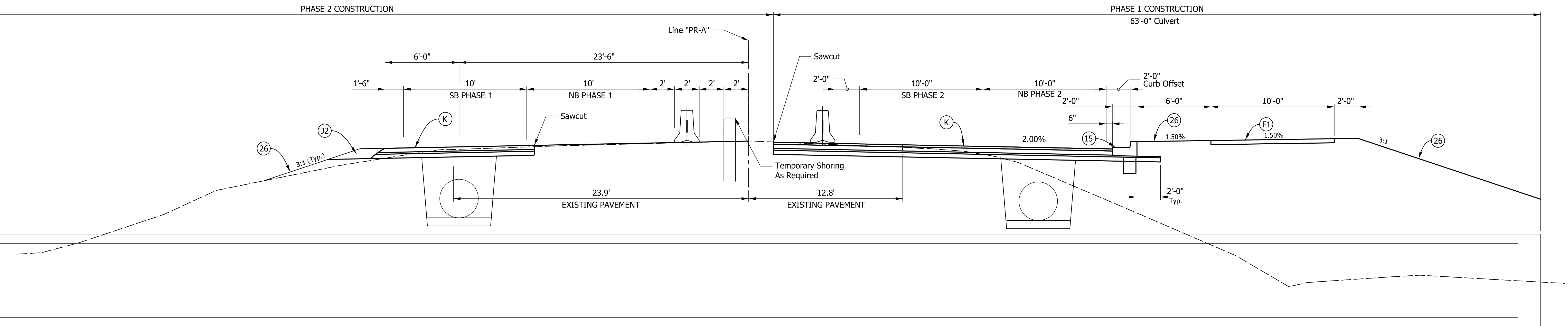
PHASE 1 MOT TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	21 of 164
CONTRACT	PROJECT
R-42163	1901705

NOTES:
 1.) Road widening constructed from Sta. 17+30 to Sta. 24+40. Drainage structures set without grates and covered with plates. Provide safety edge on pavement widening and compacted aggregate, No. 53 shoulder. After Phase I is complete, sawcut and remove safety edge for completion of Phase 1 and gutter and finish grading. Sawcut and remove pavement for Phase 2 of Culvert Construction and replace with HMA for Structure Installation.
 2.) Road widening constructed from Sta. 40+50 to Sta. 51+40. Drainage structures set without grates and covered with plates. Provide safety edge on pavement widening and compacted aggregate, No. 53 shoulder. After Phase I is complete, sawcut and remove pavement for Phase 2 of Culvert Construction and replace with HMA for Structure Installation.



PHASE CONSTRUCTION SECTION SARGENT DRAIN



PHASE CONSTRUCTION SECTION PRANGE DRAIN

- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement

- (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)

- (J2) COMPACTED AGGREGATE NO. 53 (8.5" THK)
- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS

- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 140#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on Subgrade Treatment Type III

- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)



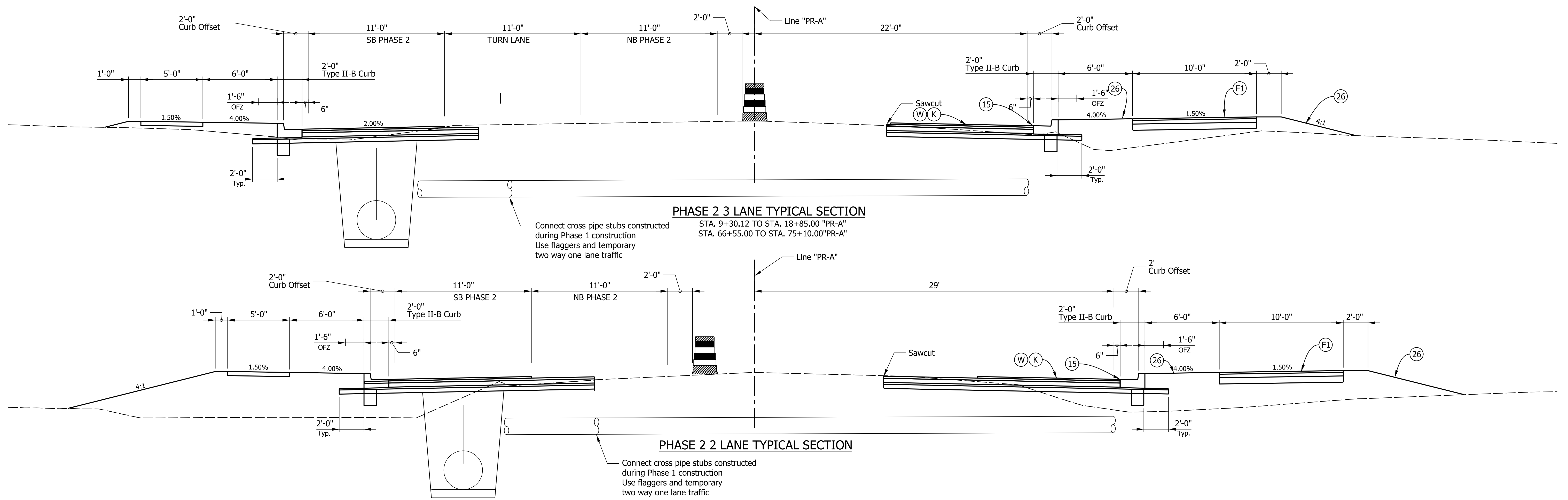
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

SMALL STRUCTURE MOT
TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	22 of 164
CONTRACT	PROJECT
R-42163	1901705

P:\c3\10\2023 12:11:28 PM By: huythkt Per: Transportation.tbl Model: MOT_S1_3



- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement

- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS
- (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 140#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on Subgrade Treatment Type III
- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)

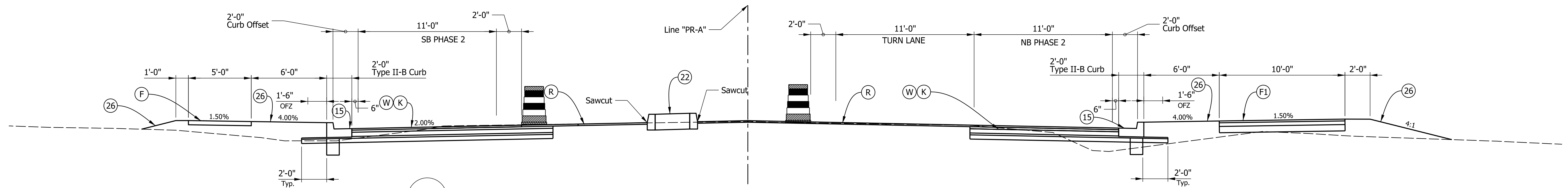


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

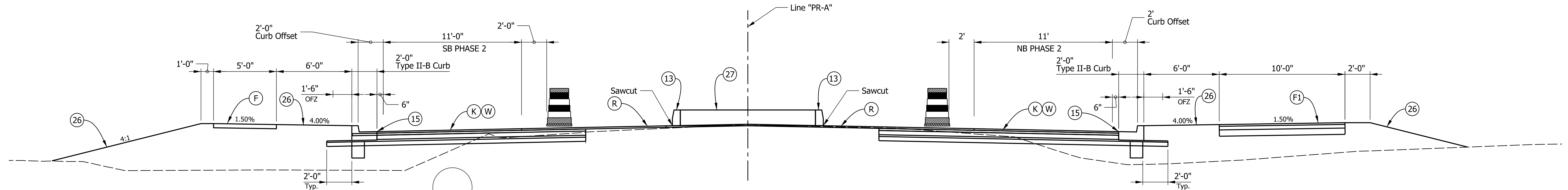
CITY OF FORT WAYNE INDIANA	
PHASE 2 MOT TYPICAL SECTIONS	

SCALE 1/4" = 1'-0"	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS
	23 of 164
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 12:11:29 PM By: huythkt Per: Transportation.tbl Model: MOT Sh 4



PHASE 3 3 LANE TYPICAL SECTION
 STA. 9+30.12 TO STA. 18+85.00 "PR-A"
 STA. 66+55.00 TO STA. 75+10.00 "PR-A"



PHASE 3 2 LANE TYPICAL SECTION

Note:
 Perform milling and resurfacing of existing pavement prior to saw cutting for median construction

- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement

- (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)

- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (15) CENTER CURB, D CONCRETE
- (22) SODDING, NURSERY
- (26) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 140#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on Subgrade Treatment Type III
- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA

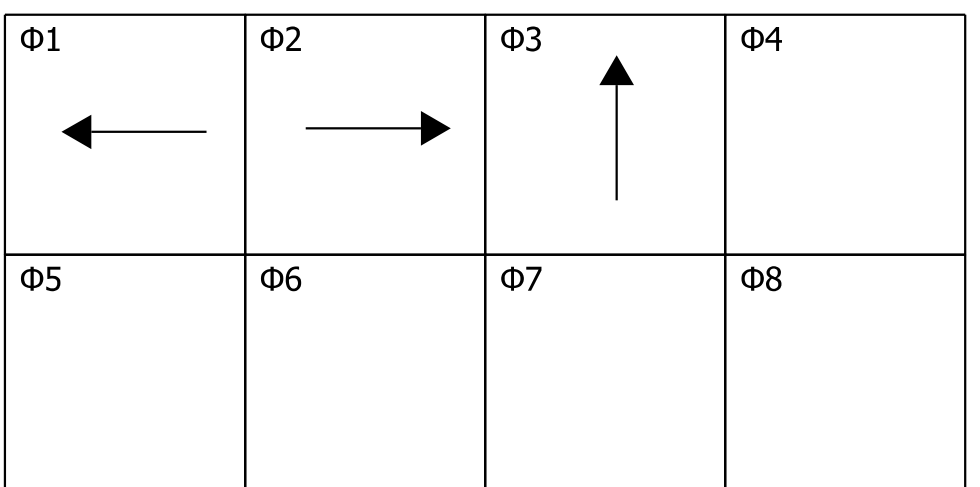
PHASE 3 MOT TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	24 of 164
CONTRACT	PROJECT
R-42163	1901705

LEGEND

- (31) TEMPORARY TRAFFIC BARRIER, TYPE 2
- (32) ENERGY ABSORBING TERMINAL, CZ, TL-2
- (51) TEMPORARY PAVEMENT MARKING, STOP LINE 24"
- (52) TEMPORARY PAVEMENT MARKING, 4", YELLOW LINE
- (53) TEMPORARY PAVEMENT MARKING, 4", WHITE LINE
- (76) "SPEED LIMIT" (R2-1)
- (77) "ROAD CLOSED AHEAD" (W20-3)
- (79) "STOP" (R1-1)
- (80) BARRICADE, III-B
- (82) ROAD CLOSURE ASSEMBLY WITH (R11-2)
- (84) ROAD CLOSURE SIGN ASSEMBLY WITH (R11-4)
- (85) "ROAD CONSTRUCTION AHEAD" (XW20-1)
- (86) "REDUCED SPEED LIMIT AHEAD" (W3-5)
- (87) DOUBLE ARROW SIGN (W12-1)
- (88) REVERSE CURVE (W1-4)
- (89) "END CONSTRUCTION" (XG20-2)
- (94) "ONE LANE ROAD" (W20-4)
- DIRECTION OF TRAVEL
- ⊣ TRAFFIC SIGN
- TRAFFIC BARREL (50' SPA. UNLESS NOTED)

PHASE DIAGRAM



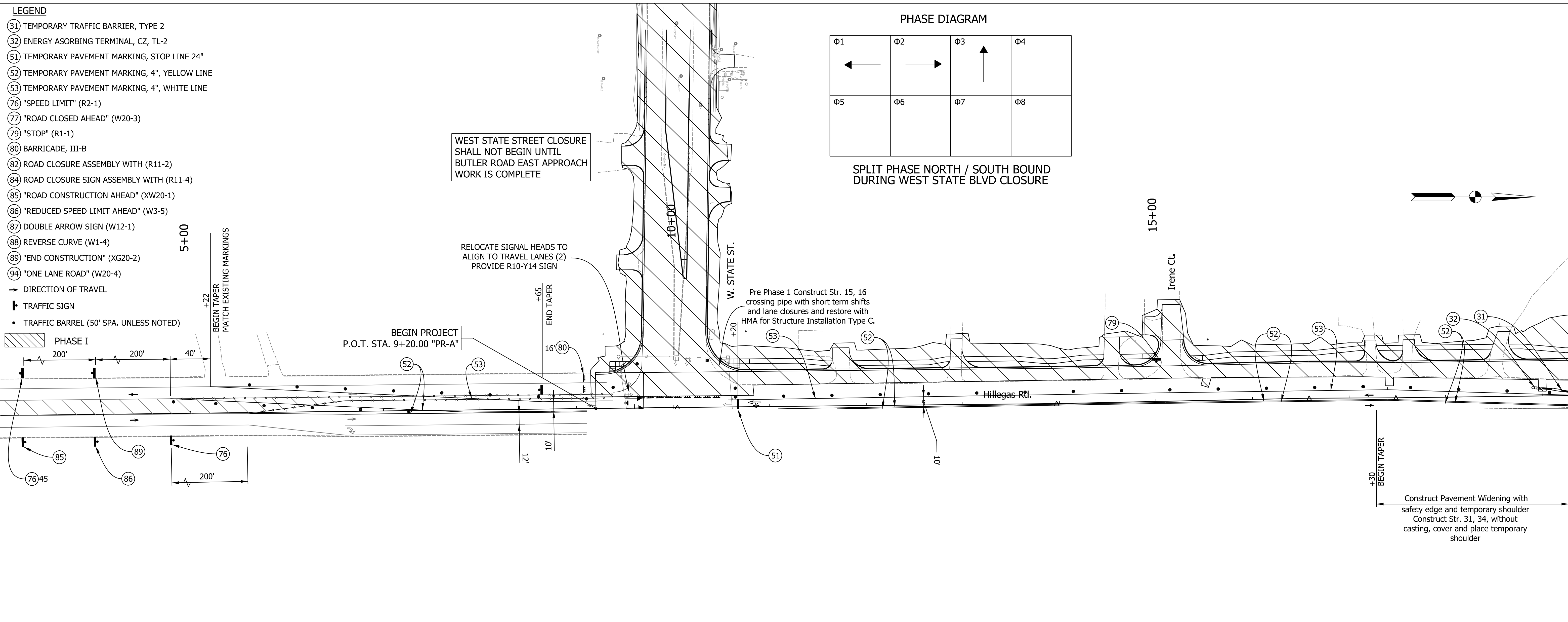
SPLIT PHASE NORTH / SOUTH BOUND DURING WEST STATE BLVD CLOSURE

WEST STATE STREET CLOSURE SHALL NOT BEGIN UNTIL BUTLER ROAD EAST APPROACH WORK IS COMPLETE

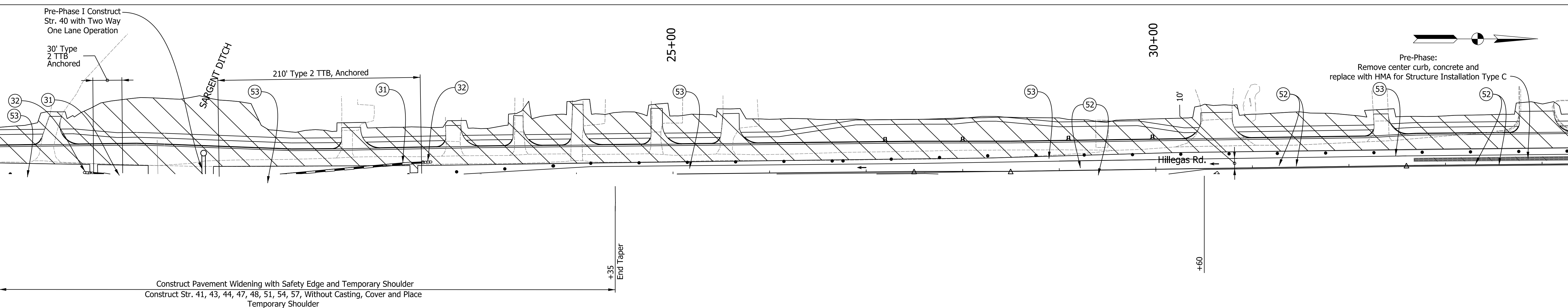
RELOCATE SIGNAL HEADS TO ALIGN TO TRAVEL LANES (2) PROVIDE R10-Y14 SIGN

Pre Phase 1 Construct Str. 15, 16 crossing pipe with short term shifts and lane closures and restore with HMA for Structure Installation Type C.

BEGIN PROJECT P.O.T. STA. 9+20.00 "PR-A"



Construct Pavement Widening with safety edge and temporary shoulder Construct Str. 31, 34, without casting, cover and place temporary shoulder



Construct Pavement Widening with Safety Edge and Temporary Shoulder Construct Str. 41, 43, 44, 47, 48, 51, 54, 57, Without Casting, Cover and Place Temporary Shoulder

Model: Sheet 1
 Pen: Transportation.tbl
 By: huythkt
 12:11:47 PM
 Plot: 3/10/2023

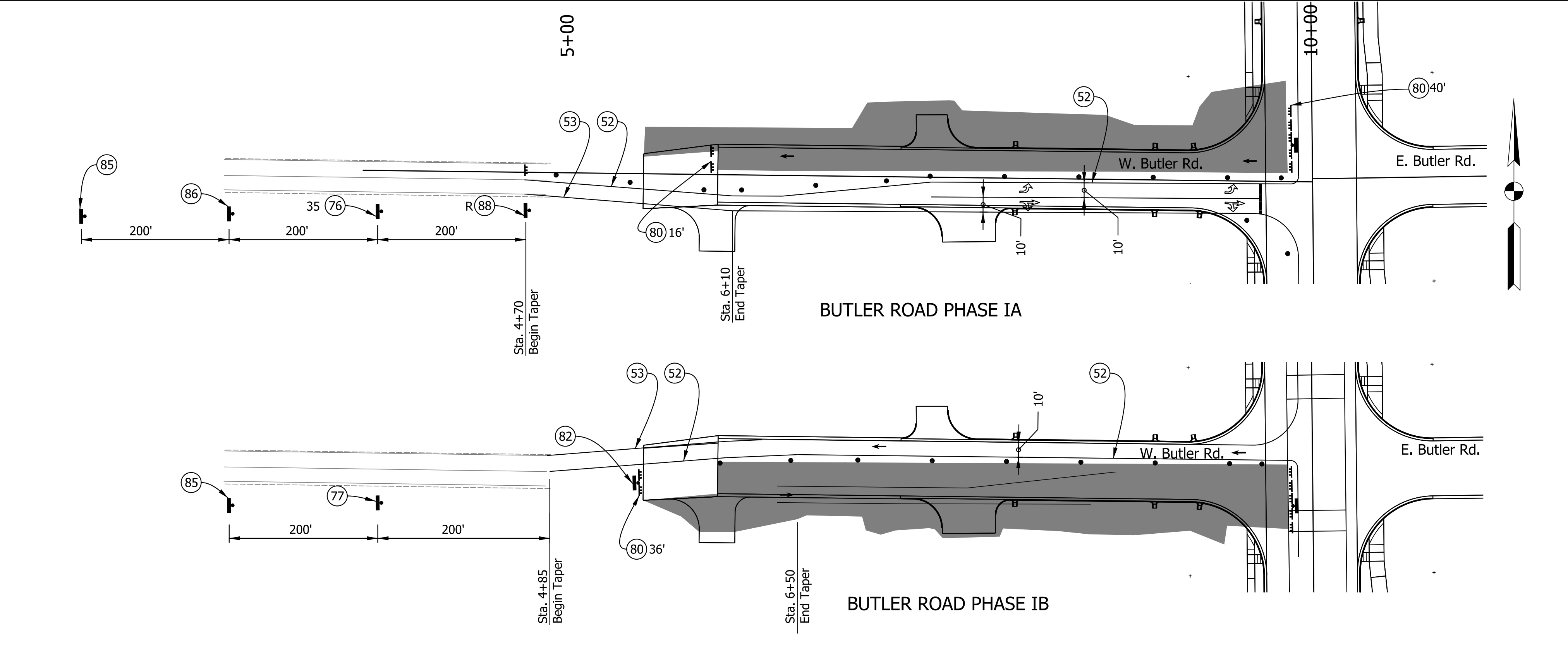
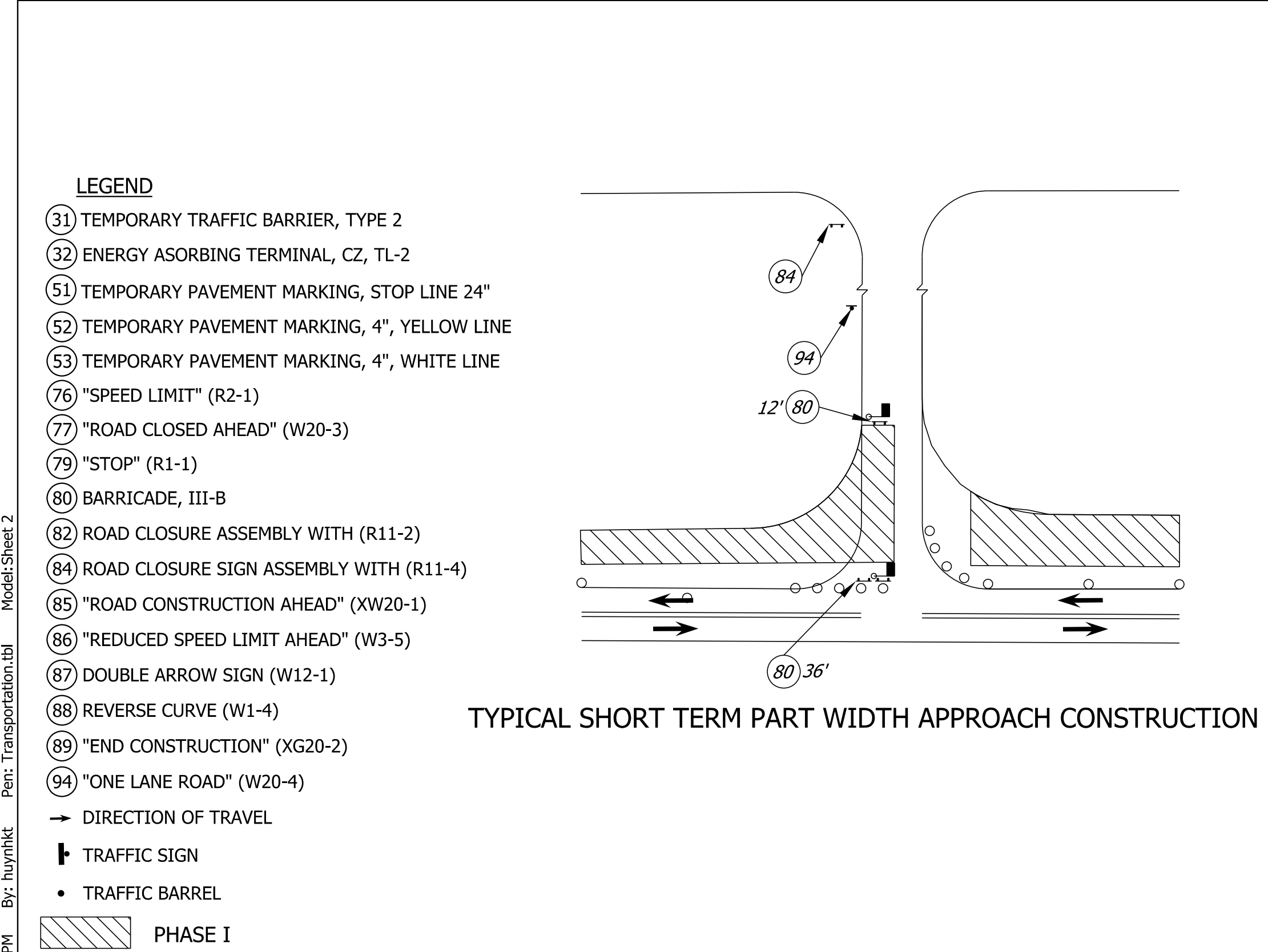
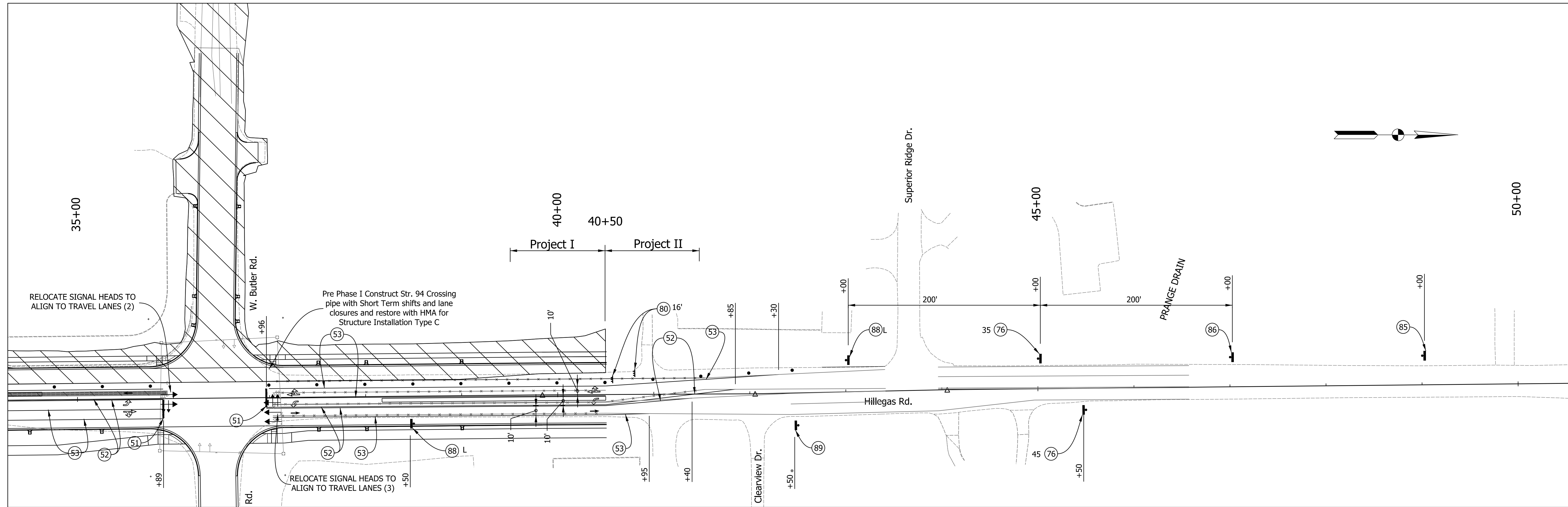


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA

MAINTENANCE OF TRAFFIC PROJECT I - PHASE I

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 25 of 164
CONTRACT R-42163	PROJECT 1901705



Plc3/10/2023 12:11:54 PM By: huythk Per: Transportation.tbl Model:Sheet 2



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

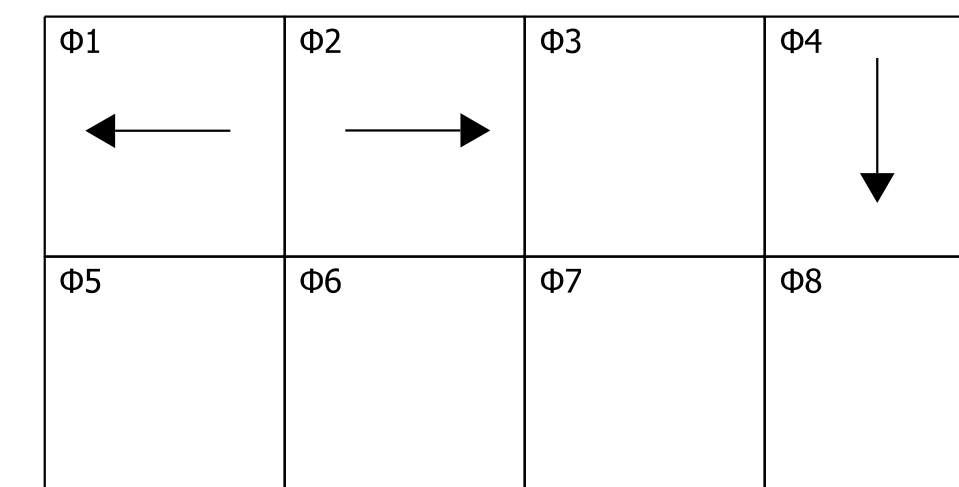
MAINTENANCE OF TRAFFIC
PROJECT I - PHASE I

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 26 of 164
CONTRACT R-42163	PROJECT 1901705

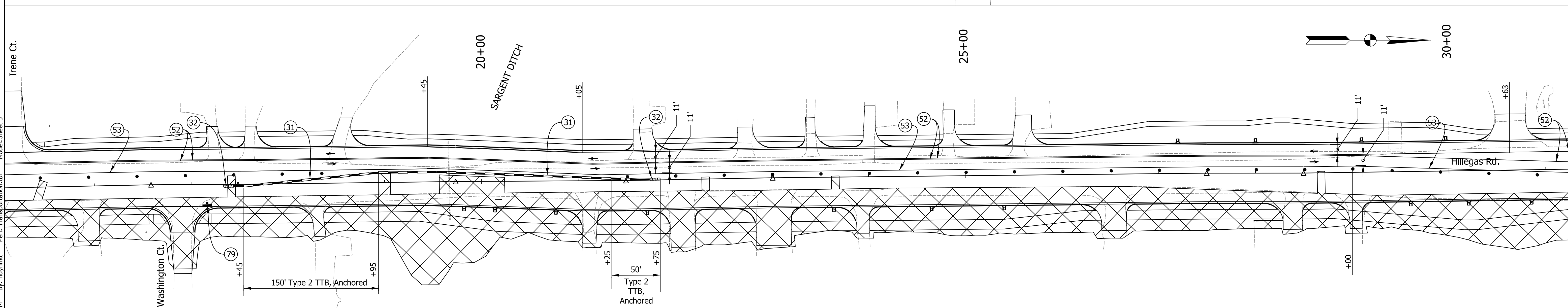
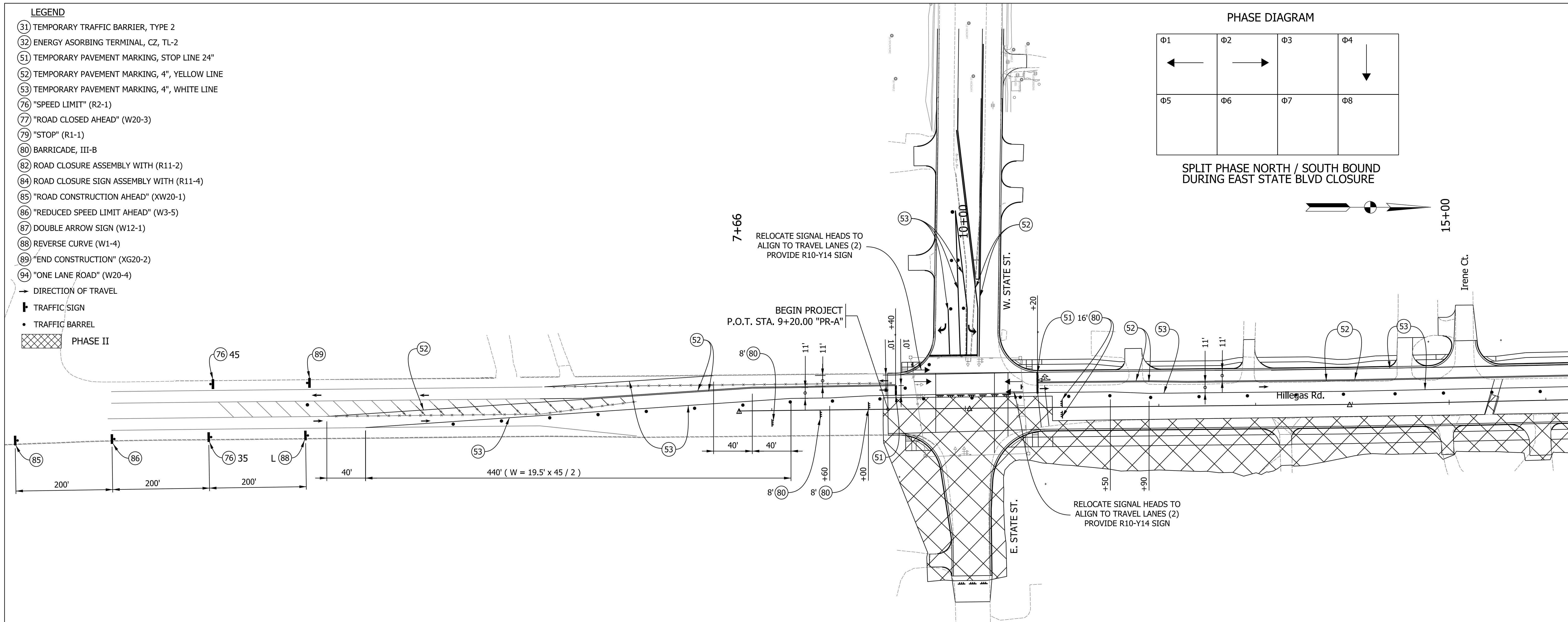
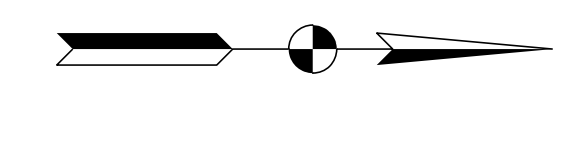
LEGEND

- 31 TEMPORARY TRAFFIC BARRIER, TYPE 2
- 32 ENERGY ABSORBING TERMINAL, CZ, TL-2
- 51 TEMPORARY PAVEMENT MARKING, STOP LINE 24"
- 52 TEMPORARY PAVEMENT MARKING, 4", YELLOW LINE
- 53 TEMPORARY PAVEMENT MARKING, 4", WHITE LINE
- 76 "SPEED LIMIT" (R2-1)
- 77 "ROAD CLOSED AHEAD" (W20-3)
- 79 "STOP" (R1-1)
- 80 BARRICADE, III-B
- 82 ROAD CLOSURE ASSEMBLY WITH (R11-2)
- 84 ROAD CLOSURE SIGN ASSEMBLY WITH (R11-4)
- 85 "ROAD CONSTRUCTION AHEAD" (XW20-1)
- 86 "REDUCED SPEED LIMIT AHEAD" (W3-5)
- 87 DOUBLE ARROW SIGN (W12-1)
- 88 REVERSE CURVE (W1-4)
- 89 "END CONSTRUCTION" (XG20-2)
- 94 "ONE LANE ROAD" (W20-4)
- DIRECTION OF TRAVEL
- ↑ TRAFFIC SIGN
- TRAFFIC BARREL
- ▨ PHASE II

PHASE DIAGRAM



SPLIT PHASE NORTH / SOUTH BOUND
DURING EAST STATE BLVD CLOSURE



Model: Sheet 3
 Pen: Transportation.tbl
 By: huythkt
 12:11:58 PM
 3/10/2023

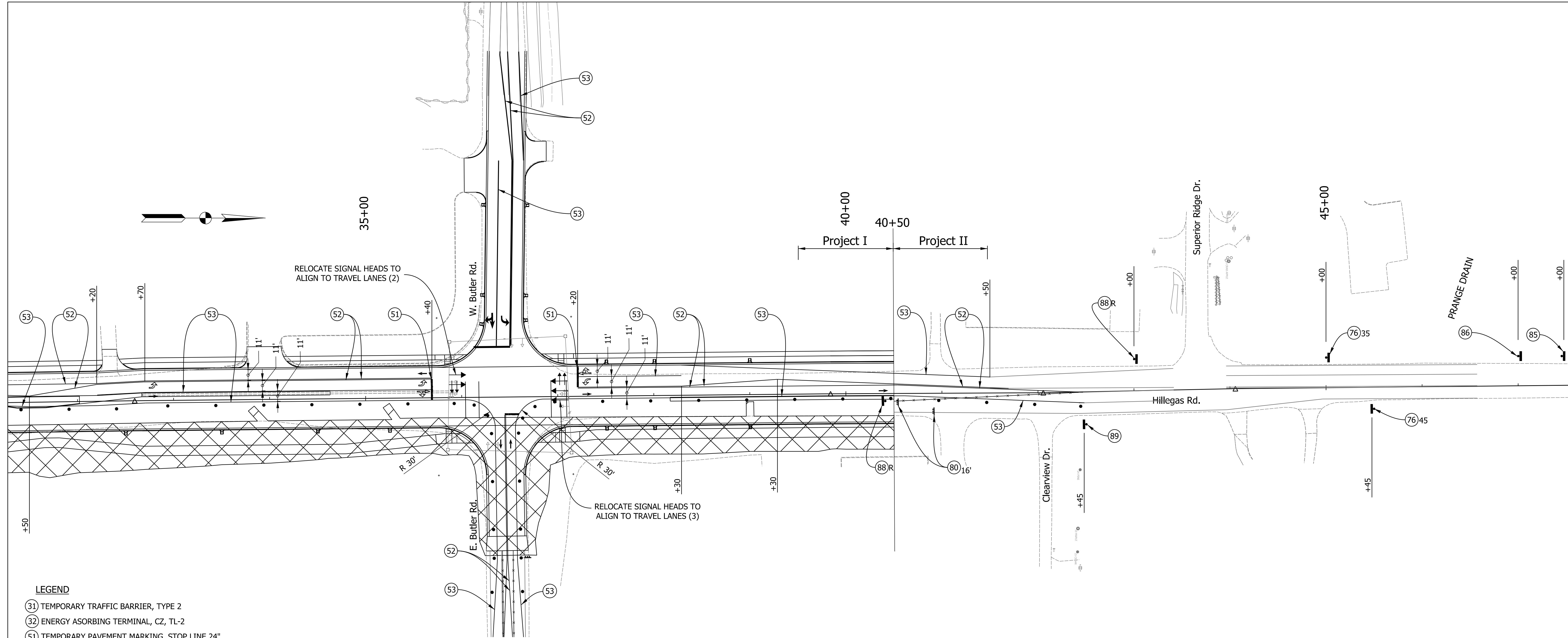


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT I - PHASE 2

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 27 of 164
CONTRACT R-42163	PROJECT 1901705



LEGEND

- (31) TEMPORARY TRAFFIC BARRIER, TYPE 2
- (32) ENERGY ASORBING TERMINAL, CZ, TL-2
- (51) TEMPORARY PAVEMENT MARKING, STOP LINE 24"
- (52) TEMPORARY PAVEMENT MARKING, 4", YELLOW LINE
- (53) TEMPORARY PAVEMENT MARKING, 4", WHITE LINE
- (76) "SPEED LIMIT" (R2-1)
- (77) "ROAD CLOSED AHEAD" (W20-3)
- (79) "STOP" (R1-1)
- (80) BARRICADE, III-B
- (82) ROAD CLOSURE ASSEMBLY WITH (R11-2)
- (84) ROAD CLOSURE SIGN ASSEMBLY WITH (R11-4)
- (85) "ROAD CONSTRUCTION AHEAD" (XW20-1)
- (86) "REDUCED SPEED LIMIT AHEAD" (W3-5)
- (87) DOUBLE ARROW SIGN (W12-1)
- (88) REVERSE CURVE (W1-4)
- (89) "END CONSTRUCTION" (XG20-2)
- (94) "ONE LANE ROAD" (W20-4)
- DIRECTION OF TRAVEL
- ▬ TRAFFIC SIGN
- TRAFFIC BARREL
- ▨ PHASE II

Plot: 3/10/2023 12:12:01 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 4



RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM
CHECKED: MJS	CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT I - PHASE 2

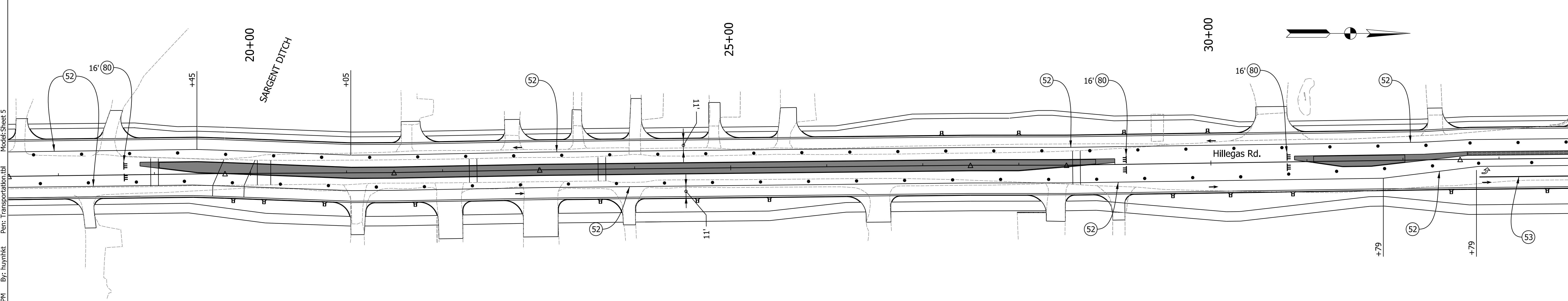
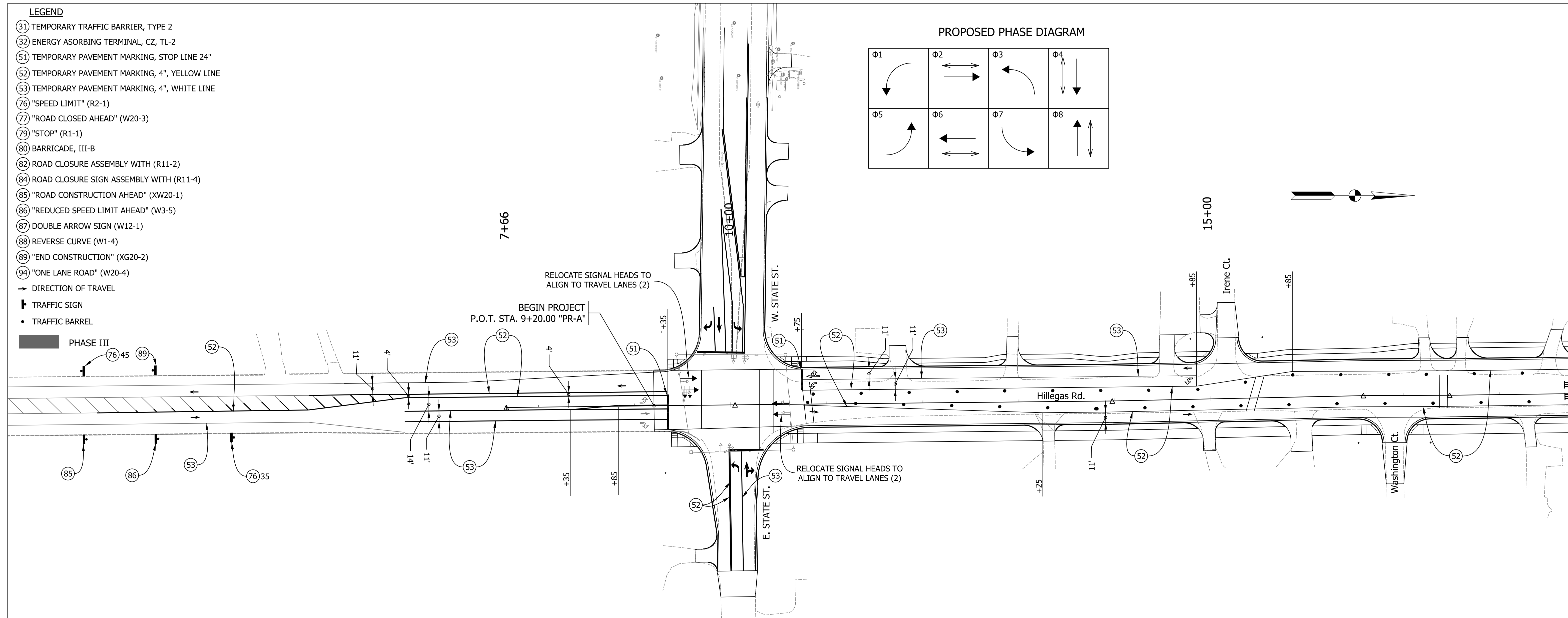
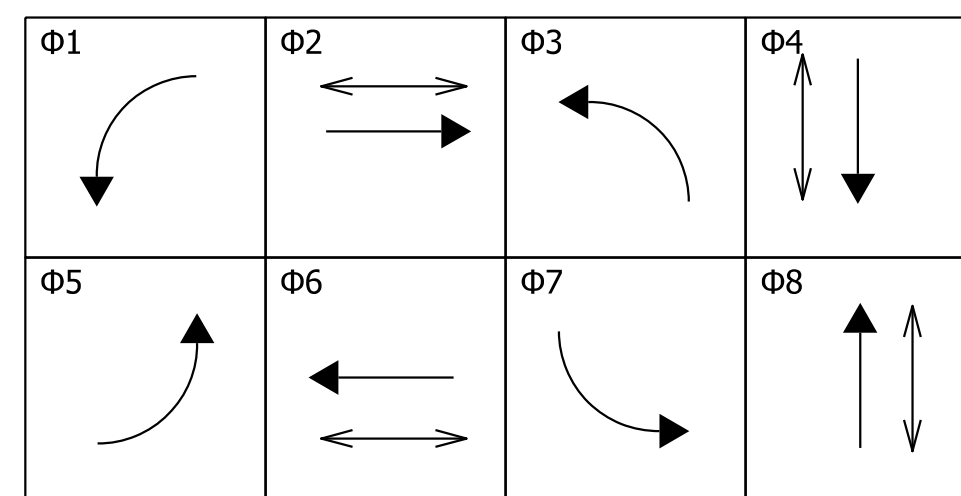
SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 28 of 164
CONTRACT R-42163	PROJECT 1901705

LEGEND

- (31) TEMPORARY TRAFFIC BARRIER, TYPE 2
- (32) ENERGY ABSORBING TERMINAL, CZ, TL-2
- (51) TEMPORARY PAVEMENT MARKING, STOP LINE 24"
- (52) TEMPORARY PAVEMENT MARKING, 4", YELLOW LINE
- (53) TEMPORARY PAVEMENT MARKING, 4", WHITE LINE
- (76) "SPEED LIMIT" (R2-1)
- (77) "ROAD CLOSED AHEAD" (W20-3)
- (79) "STOP" (R1-1)
- (80) BARRICADE, III-B
- (82) ROAD CLOSURE ASSEMBLY WITH (R11-2)
- (84) ROAD CLOSURE SIGN ASSEMBLY WITH (R11-4)
- (85) "ROAD CONSTRUCTION AHEAD" (XW20-1)
- (86) "REDUCED SPEED LIMIT AHEAD" (W3-5)
- (87) DOUBLE ARROW SIGN (W12-1)
- (88) REVERSE CURVE (W1-4)
- (89) "END CONSTRUCTION" (XG20-2)
- (94) "ONE LANE ROAD" (W20-4)
- DIRECTION OF TRAVEL
- ▬ TRAFFIC SIGN
- TRAFFIC BARREL

PHASE III

PROPOSED PHASE DIAGRAM



Model: Sheet 5
 Pen: Transportation.tbl
 By: huynhkt
 12:12:05 PM
 Plot: 3/10/2023

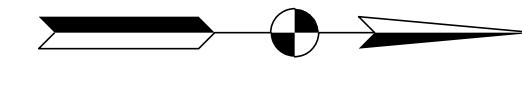
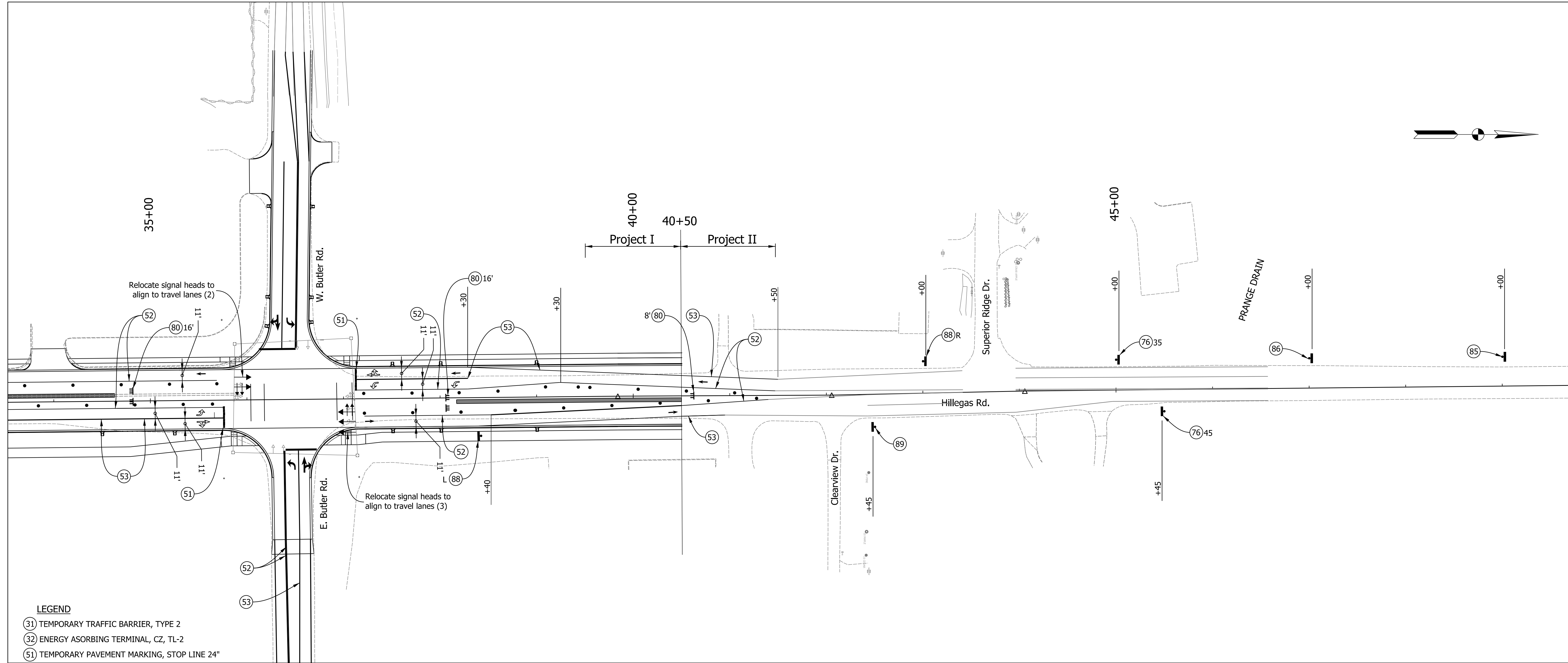


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

**CITY OF FORT WAYNE
INDIANA**

**MAINTENANCE OF TRAFFIC
PROJECT I - PHASE III**

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 29 of 164
CONTRACT R-42163	PROJECT 1901705



LEGEND

- (31) TEMPORARY TRAFFIC BARRIER, TYPE 2
- (32) ENERGY ASORBING TERMINAL, CZ, TL-2
- (51) TEMPORARY PAVEMENT MARKING, STOP LINE 24"
- (52) TEMPORARY PAVEMENT MARKING, 4", YELLOW LINE
- (53) TEMPORARY PAVEMENT MARKING, 4", WHITE LINE
- (76) "SPEED LIMIT" (R2-1)
- (77) "ROAD CLOSED AHEAD" (W20-3)
- (79) "STOP" (R1-1)
- (80) BARRICADE, III-B
- (82) ROAD CLOSURE ASSEMBLY WITH (R11-2)
- (84) ROAD CLOSURE SIGN ASSEMBLY WITH (R11-4)
- (85) "ROAD CONSTRUCTION AHEAD" (XW20-1)
- (86) "REDUCED SPEED LIMIT AHEAD" (W3-5)
- (87) DOUBLE ARROW SIGN (W12-1)
- (88) REVERSE CURVE (W1-4)
- (89) "END CONSTRUCTION" (XG20-2)
- (94) "ONE LANE ROAD" (W20-4)
- DIRECTION OF TRAVEL
- ⊥ TRAFFIC SIGN
- TRAFFIC BARREL

Plot: 3/10/2023 12:12:07 PM By: huythkt Pen: Transportation.tbl Model: Sheet 6

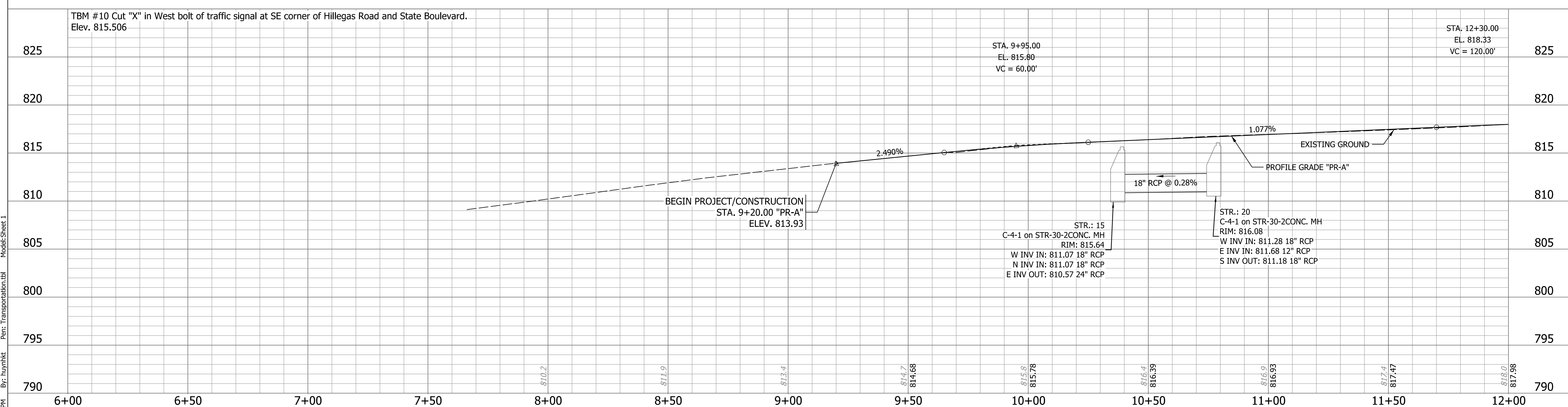
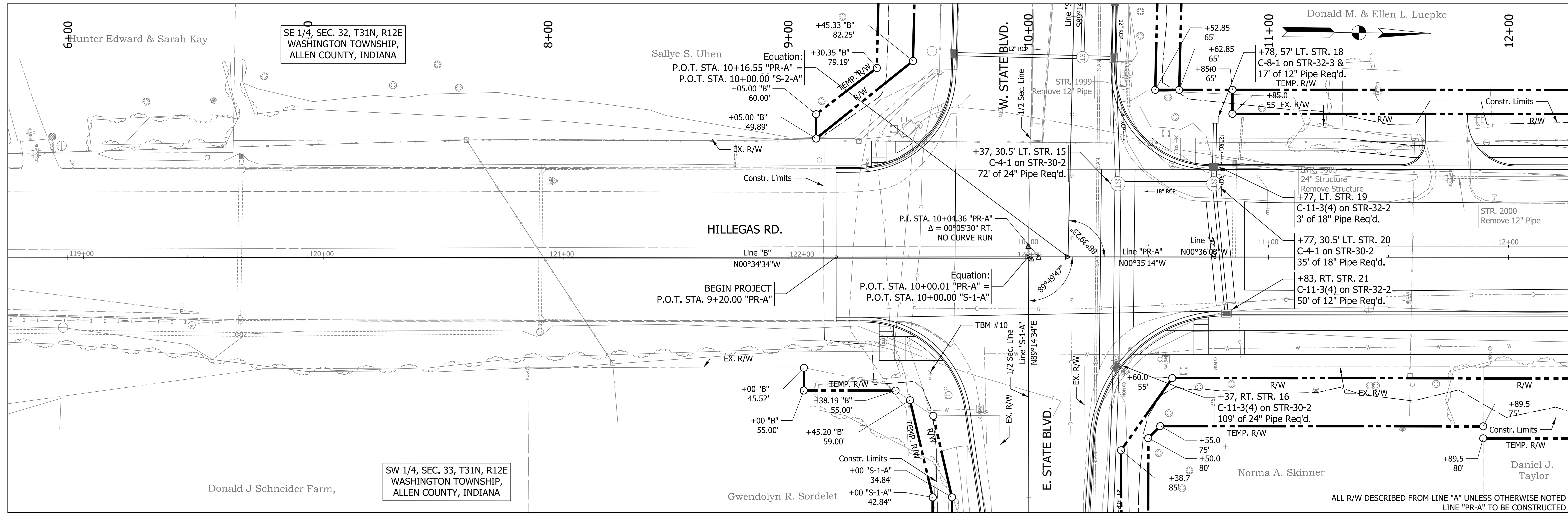
PHASE III



RECOMMENDED FOR APPROVAL _____	
DESIGNED: ARW	DRAWN: KTH/MWM
CHECKED: MJS	CHECKED: MJS/ARW

CITY OF FORT WAYNE INDIANA	
MAINTENANCE OF TRAFFIC PROJECT I - PHASE III	

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 30 of 164
CONTRACT R-42163	PROJECT 1901705



Note: See Index Sheet for Control Points

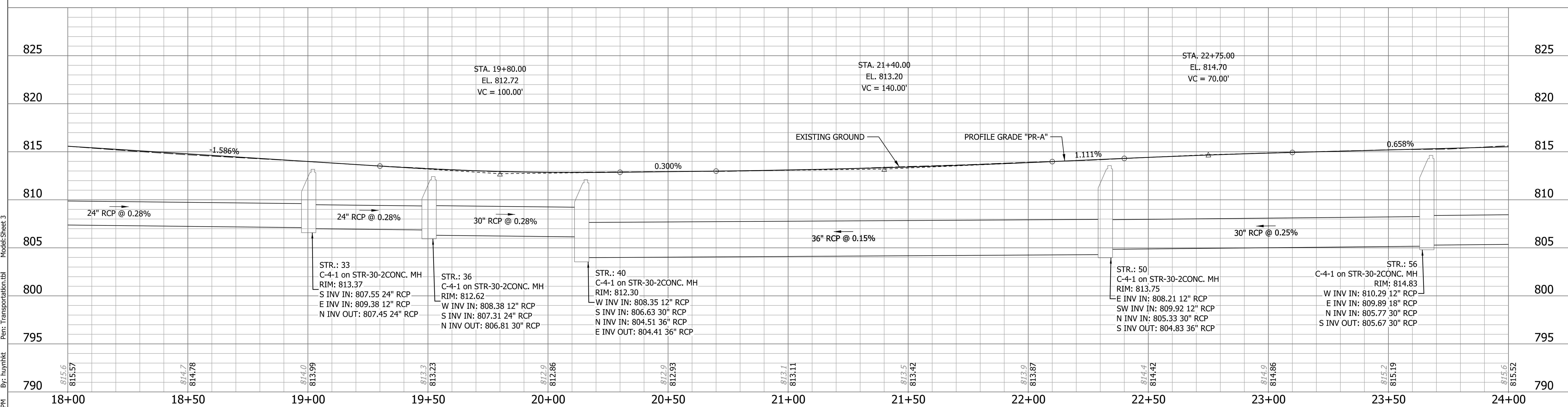
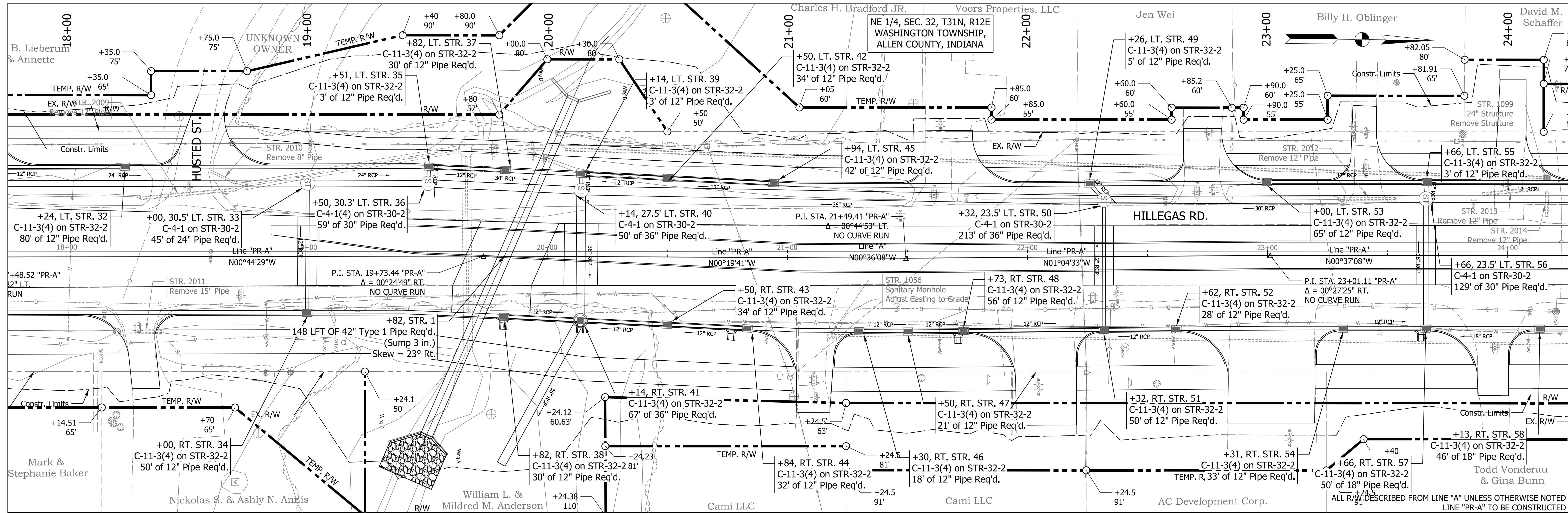
1:07:19 PM
 By: huythkt
 Pen: Transportation.tbl
 Model: Sheet 1
 Plot: 3/10/2023



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA
PLAN AND PROFILE
LINES "A" & "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	31 of 159
CONTRACT	PROJECT
R-42163	1901705



Note: See Index Sheet for Control Points

1:07:29 PM
 By: huythkt
 Pen: Transportation.tbl
 Model: Sheet 3
 Plot: 3/10/2023

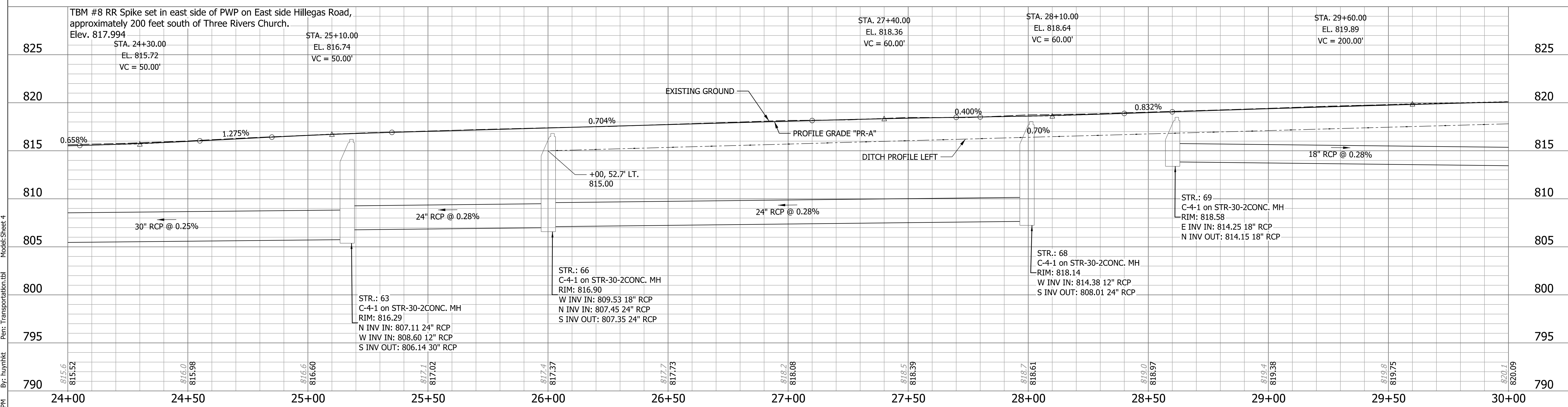
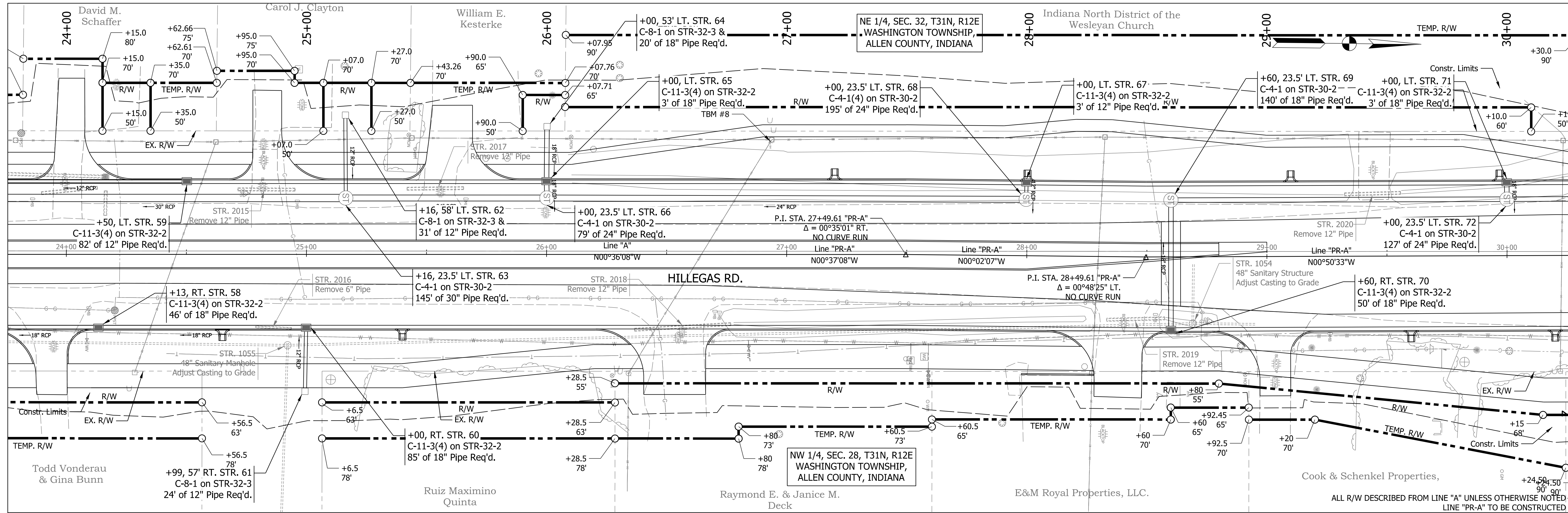


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

PLAN AND PROFILE
LINES "A" & "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	33 of 159
CONTRACT	PROJECT
R-42163	1901705



Note: See Index Sheet for Control Points

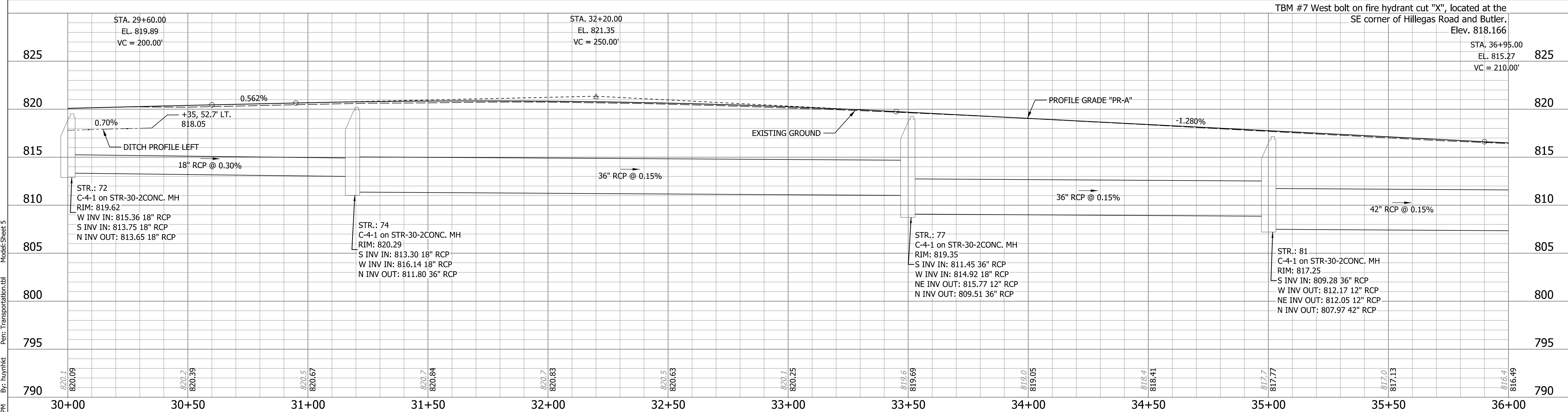
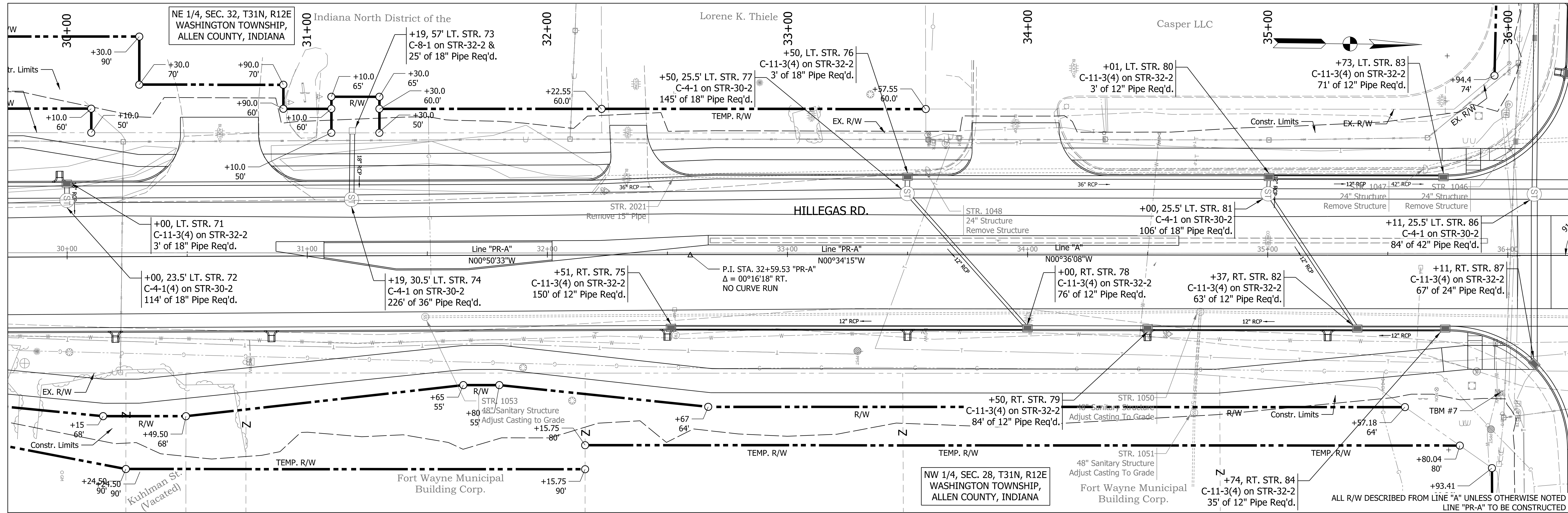
By: huyntkt
 1:07:36 PM
 Pen: Transportation.tbl
 Model: Sheet 4
 Plot: 3/10/2023

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
 INDIANA

PLAN AND PROFILE
 LINES "A" & "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	34 of 159
CONTRACT	PROJECT
R-42163	1901705



Note: See Index Sheet for Control Points

1:07:45 PM
 By: huythkt
 Pen: Transportation.tbl
 Model: Sheet 5
 Plot: 3/10/2023

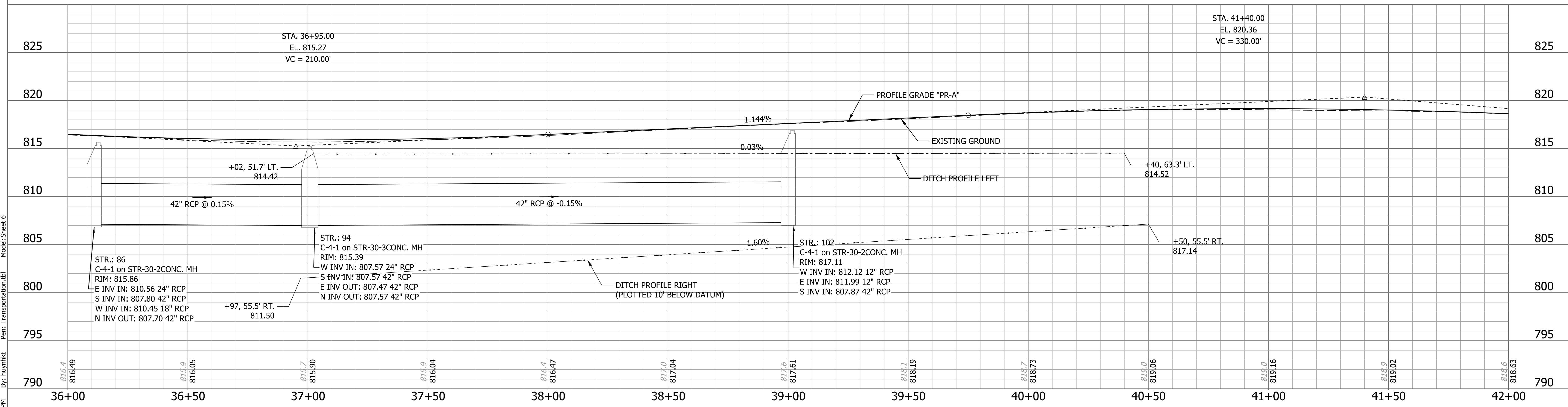
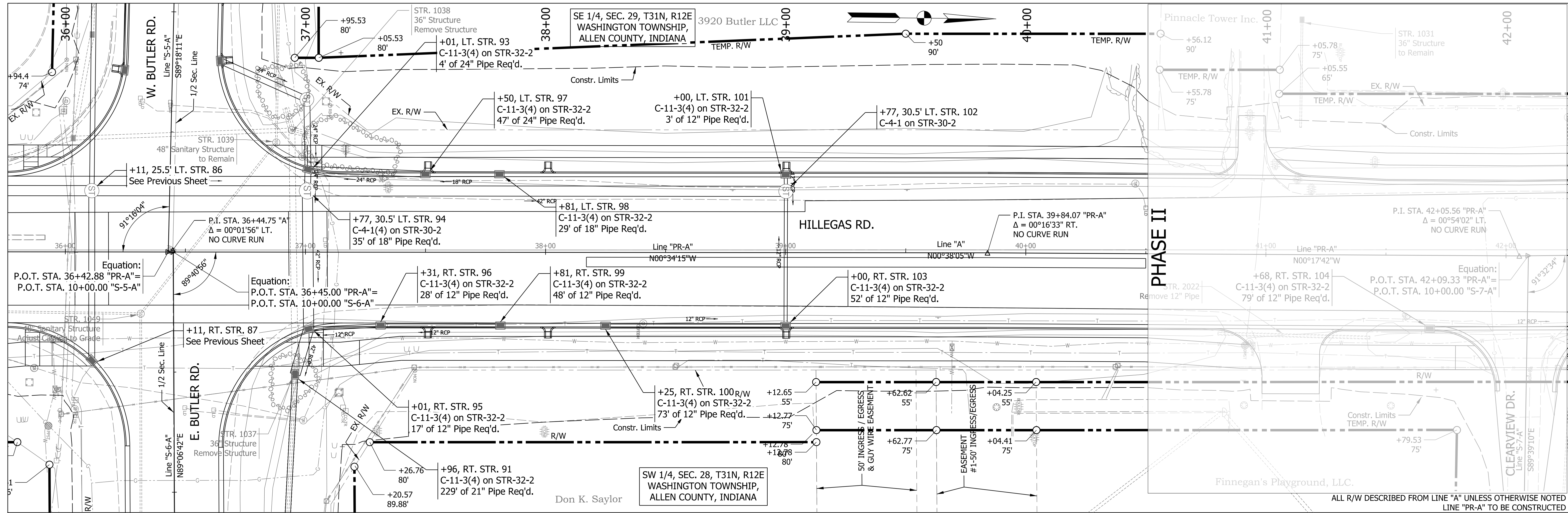


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

PLAN AND PROFILE
LINES "A" & "PR-A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS
CONTRACT R-42163	35 of 159 PROJECT 1901705



Note: See Index Sheet for Control Points

2:45:58 PM By: huythkt Mod: Sheet 6 Pen: Transportation.tbl Plot: 3/10/2023

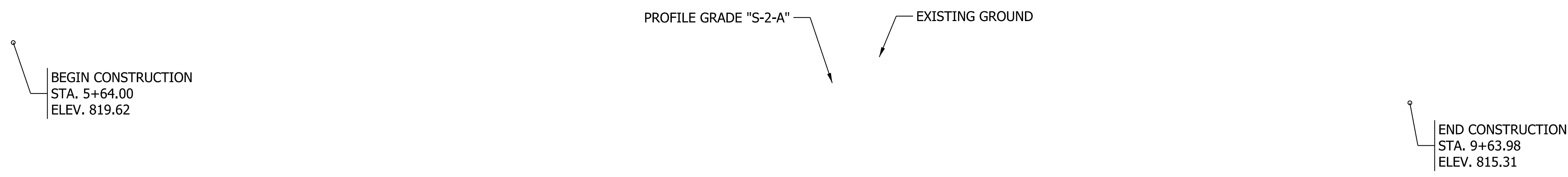
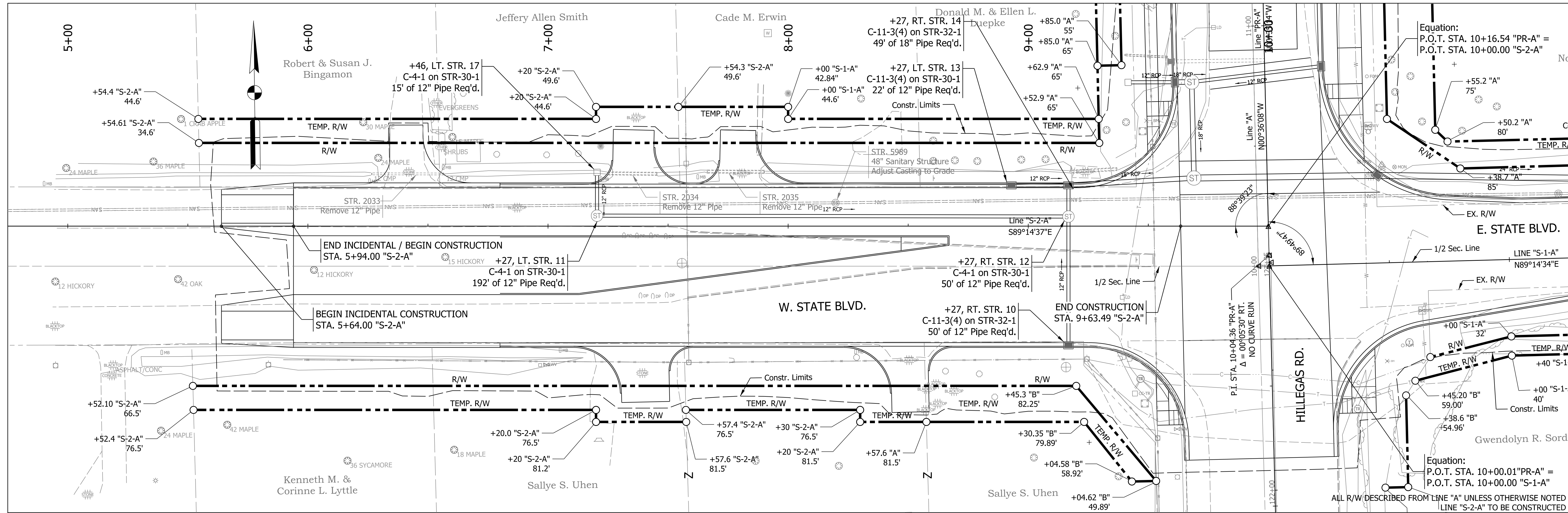


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

PLAN AND PROFILE
LINES "A" & "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	36 of 159
CONTRACT	PROJECT
R-42163	1901705



Note: See Index Sheet for Control Points

Plc3/10/2023 12:40:28 PM By: huynhkt Per: Transportation.tbl Model: Sheet 2

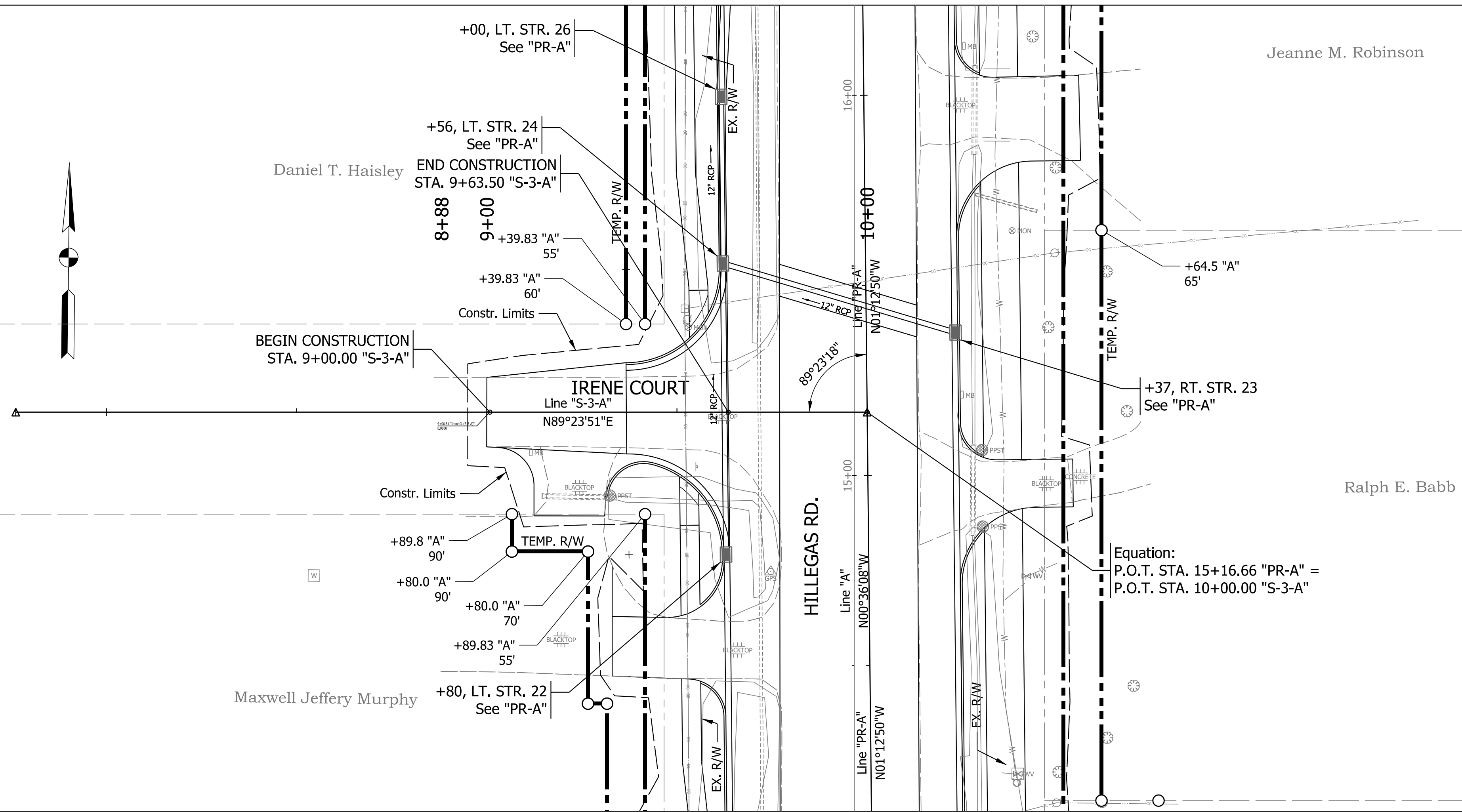


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

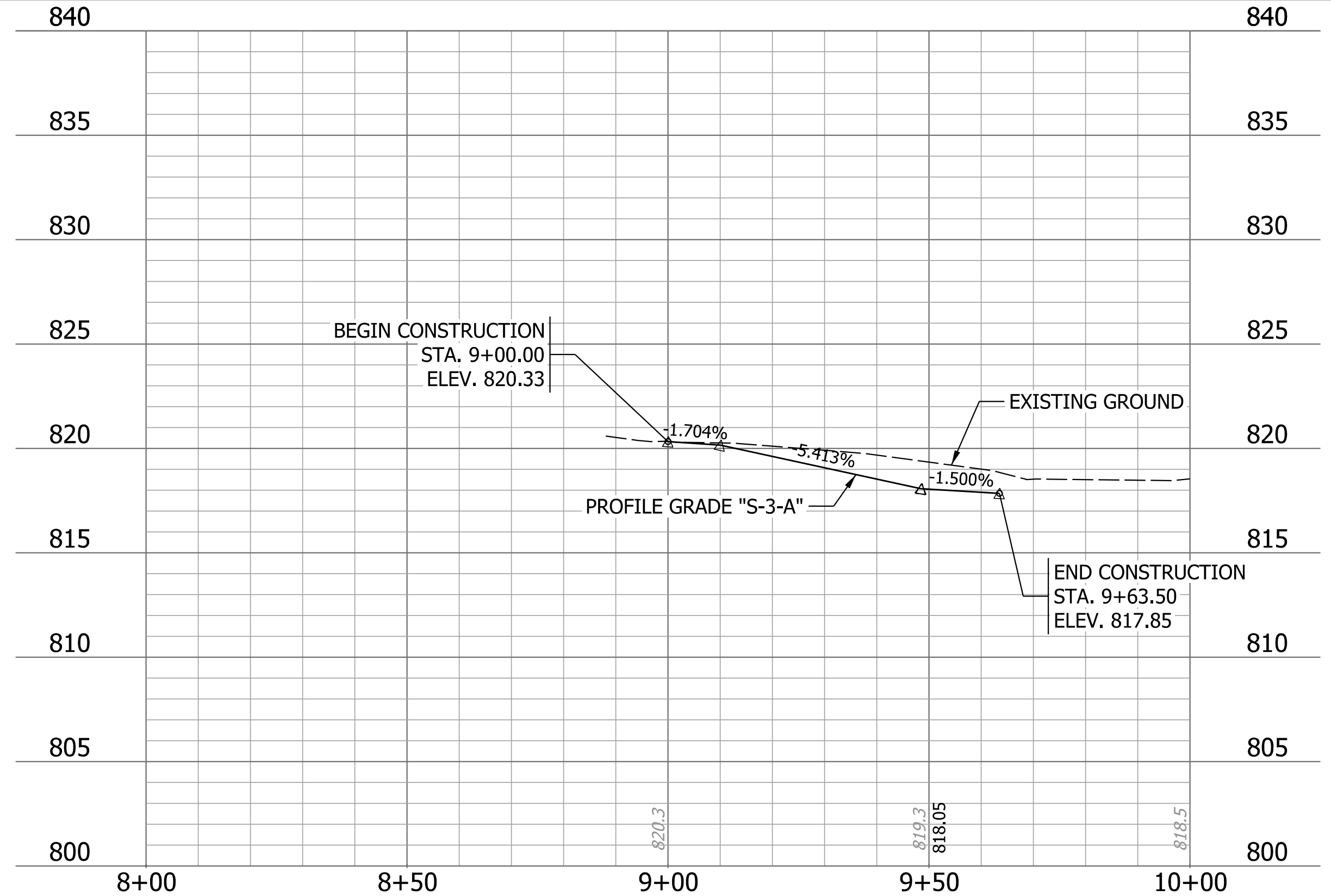
CITY OF FORT WAYNE
INDIANA

PLAN AND PROFILE
LINE "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	38 of 159
CONTRACT	PROJECT
R-42163	1901705



ALL R/W DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "S-3-A" TO BE CONSTRUCTED



Note: See Index Sheet for Control Points



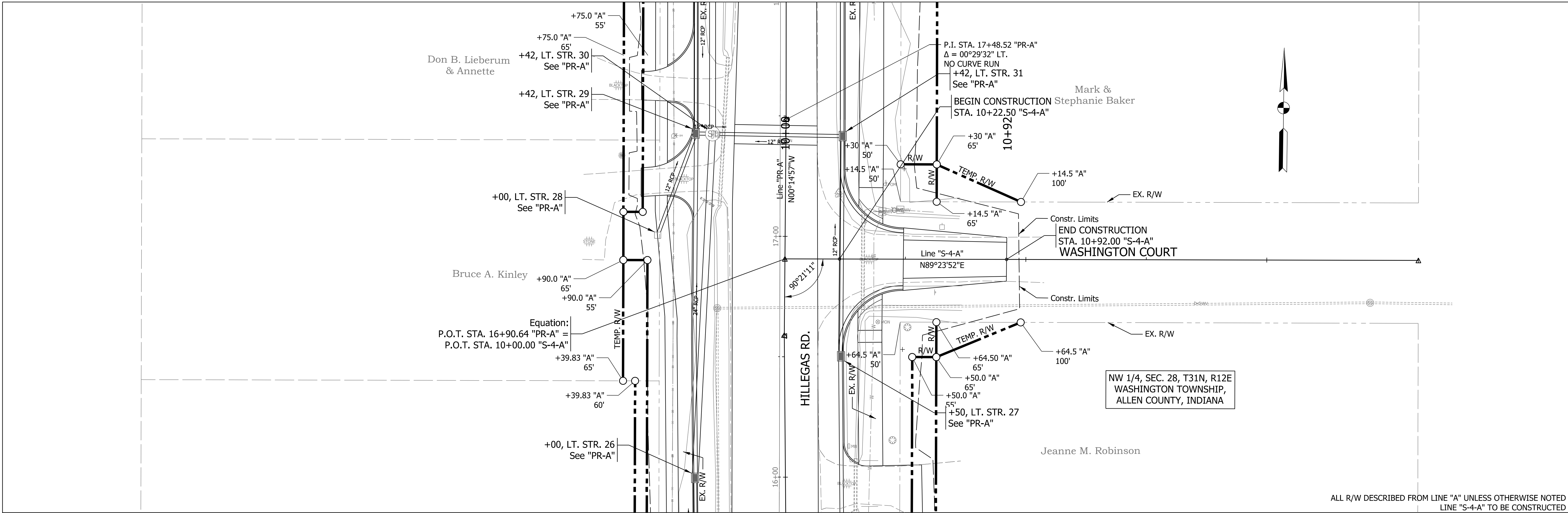
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

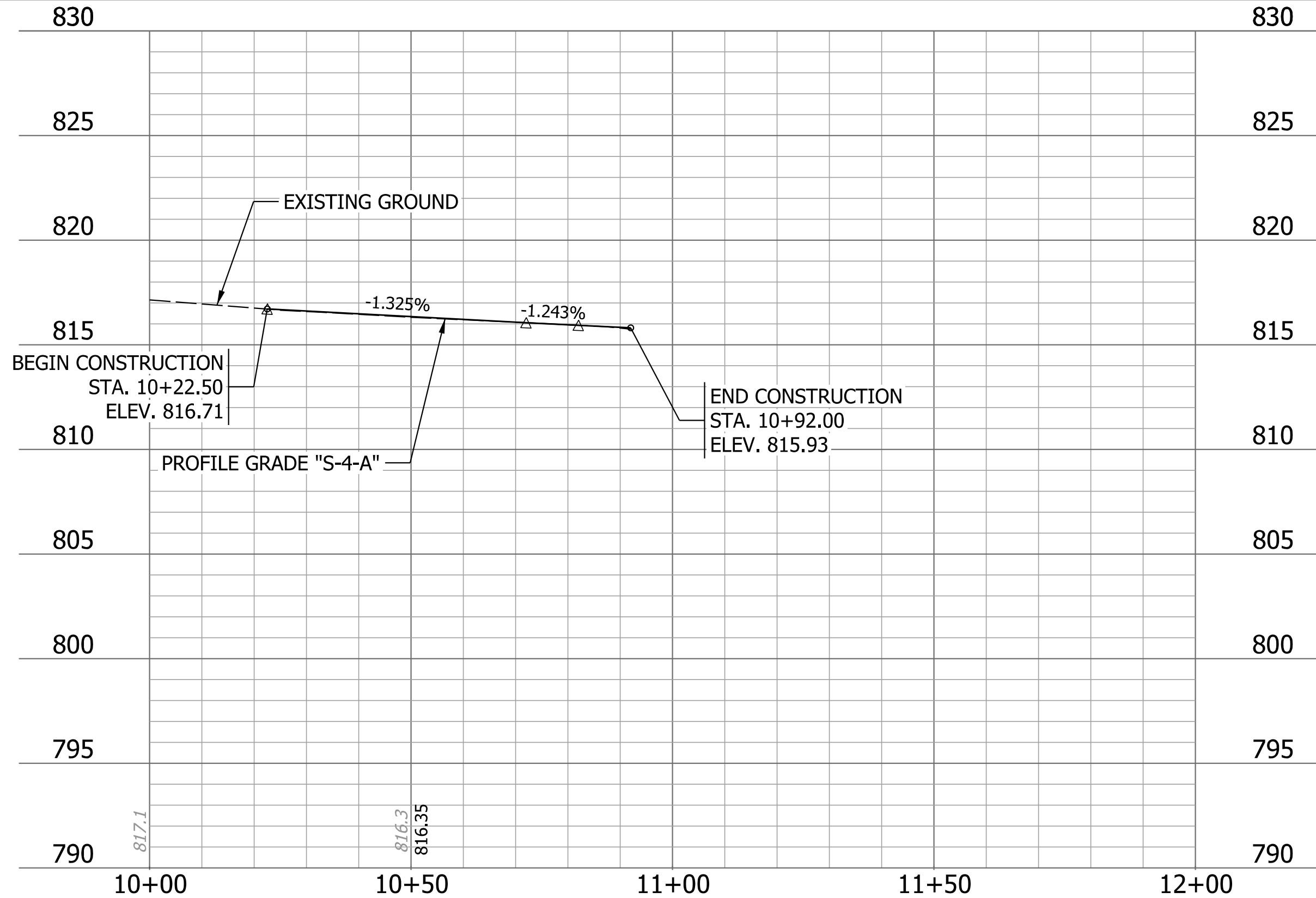
PLAN AND PROFILE
LINE "S-3-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	39 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 12:40:33 PM By: huynhkt Per: Transportation.tbl Model:Sheet 3



ALL R/W DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "S-4-A" TO BE CONSTRUCTED



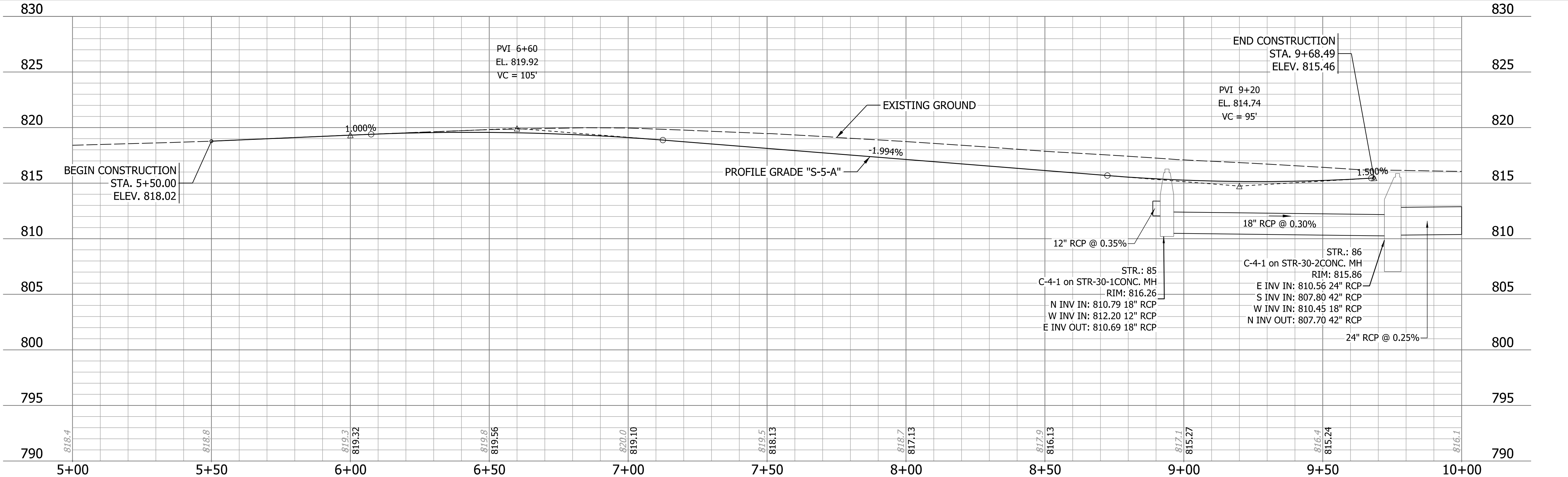
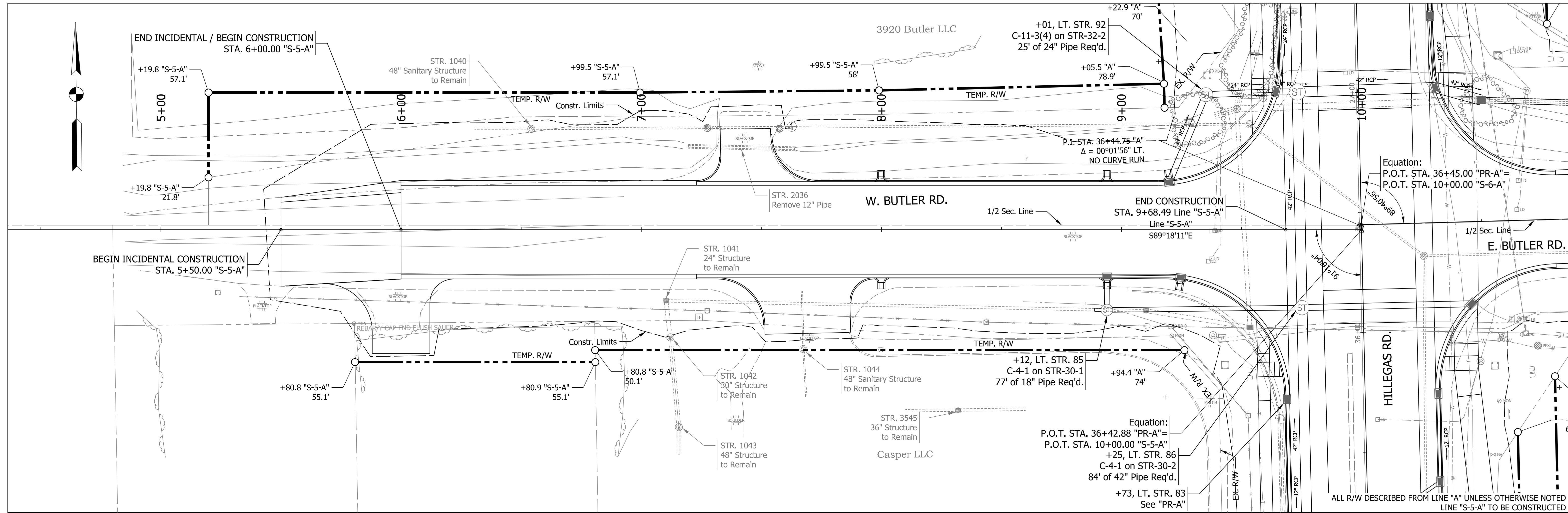
Plc:3/10/2023 12:40:41 PM By: huythk Pen: Transportation.tbl Model: Sheet 4




RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
 INDIANA
 PLAN AND PROFILE
 LINE "S-4-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	40 of 159
CONTRACT	PROJECT
R-42163	1901705



Note: See Index Sheet for Control Points



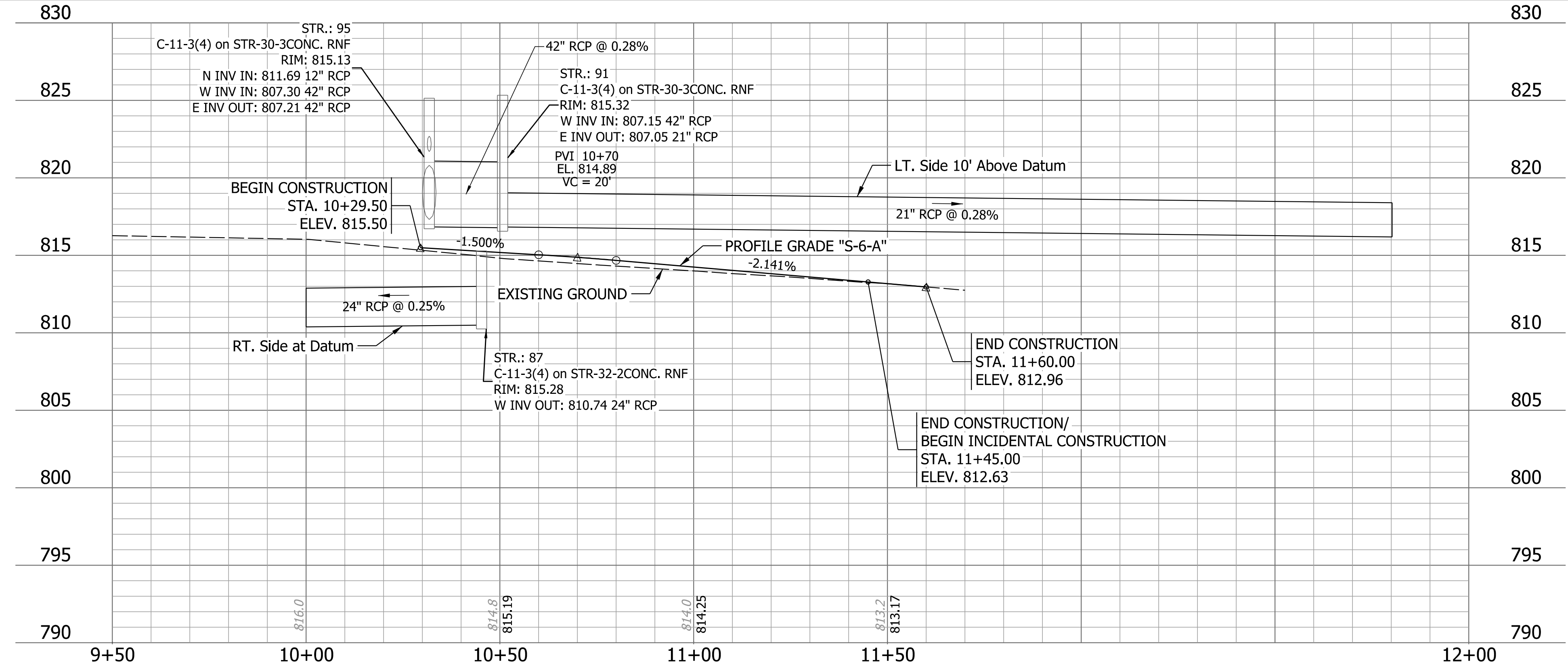
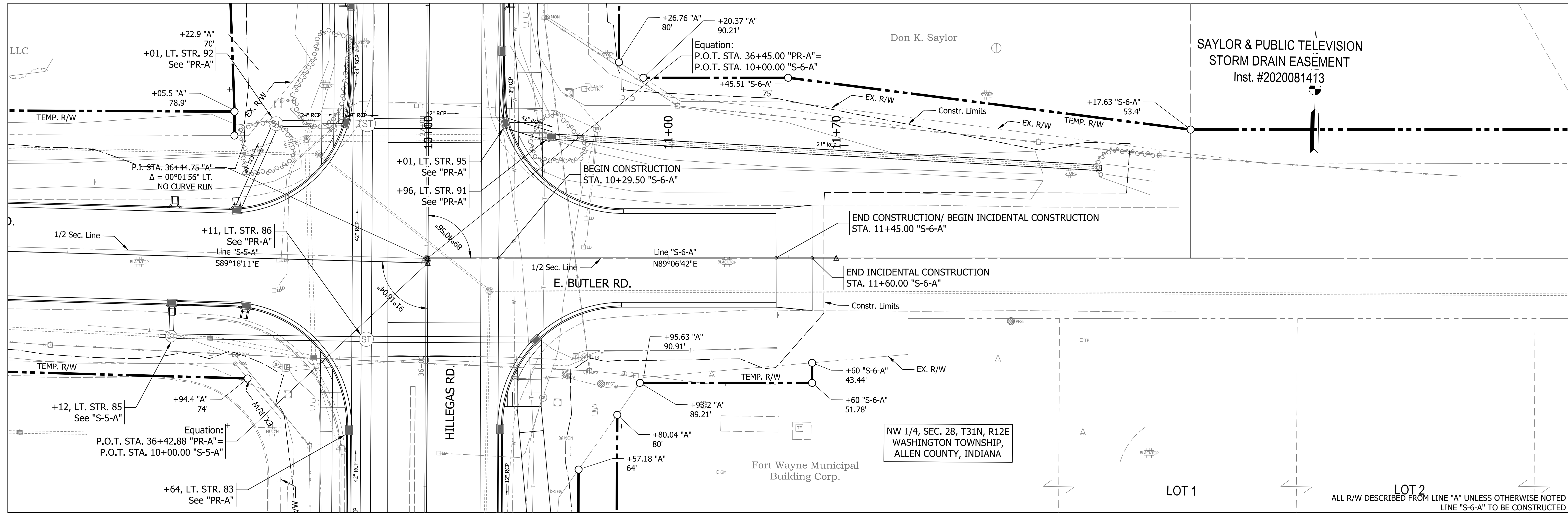
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE INDIANA

PLAN AND PROFILE LINE "S-5-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	41 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 12:40:46 PM By: huythkt Pen: Transportation.tbl Model: Sheet 5



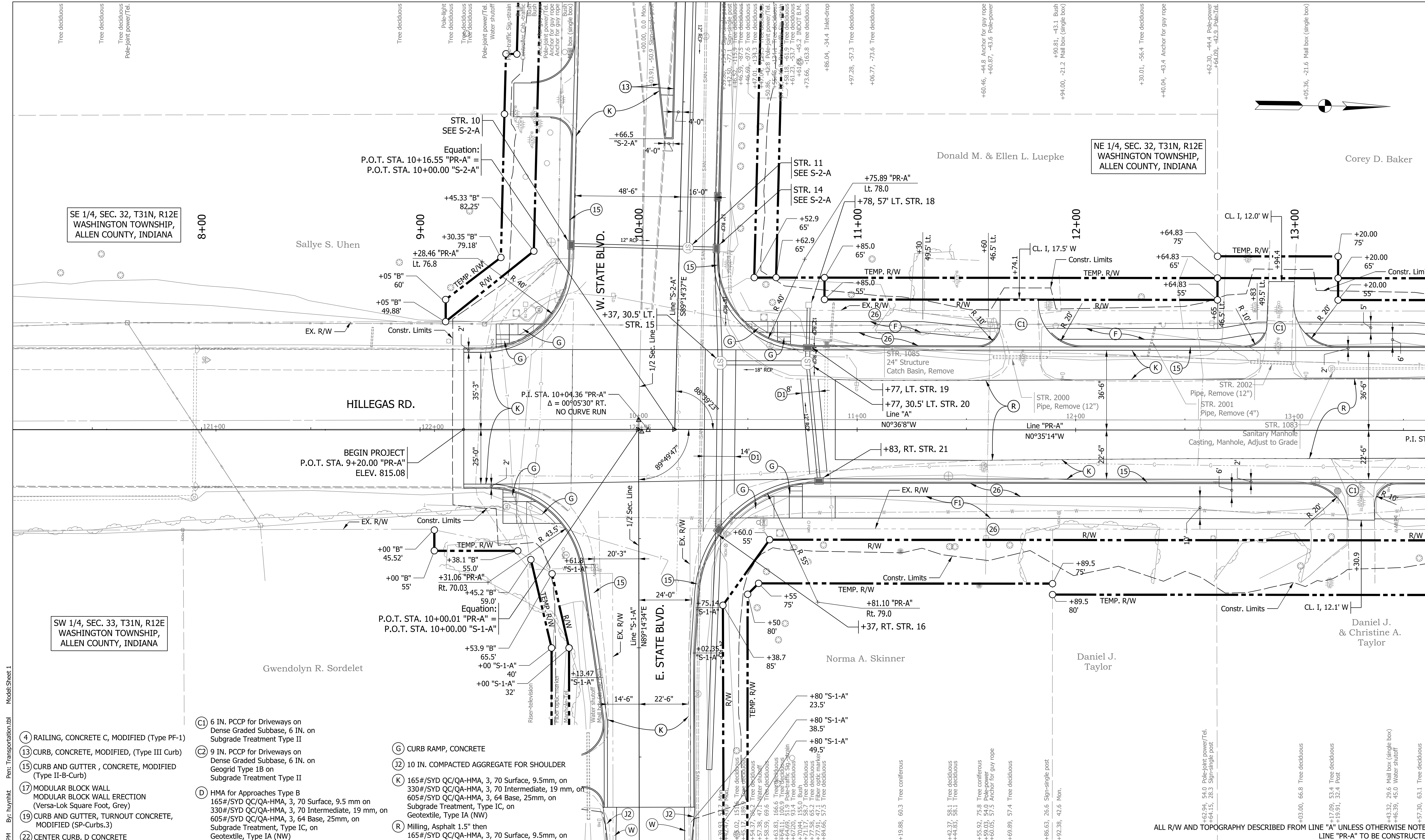
Note: See Index Sheet for Control Points

12:40:52 PM By: huythkt Pen: Transportation.tbl Model: Sheet 6
 P:\3\10\2023


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
 INDIANA
 PLAN AND PROFILE
 LINE "S-6-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	42 of 159
CONTRACT	PROJECT
R-42163	1901705



Plot: 3/10/2023 12:45:09 PM By: huythkt Model: Sheet 1 Pen: Transpotation.tbl

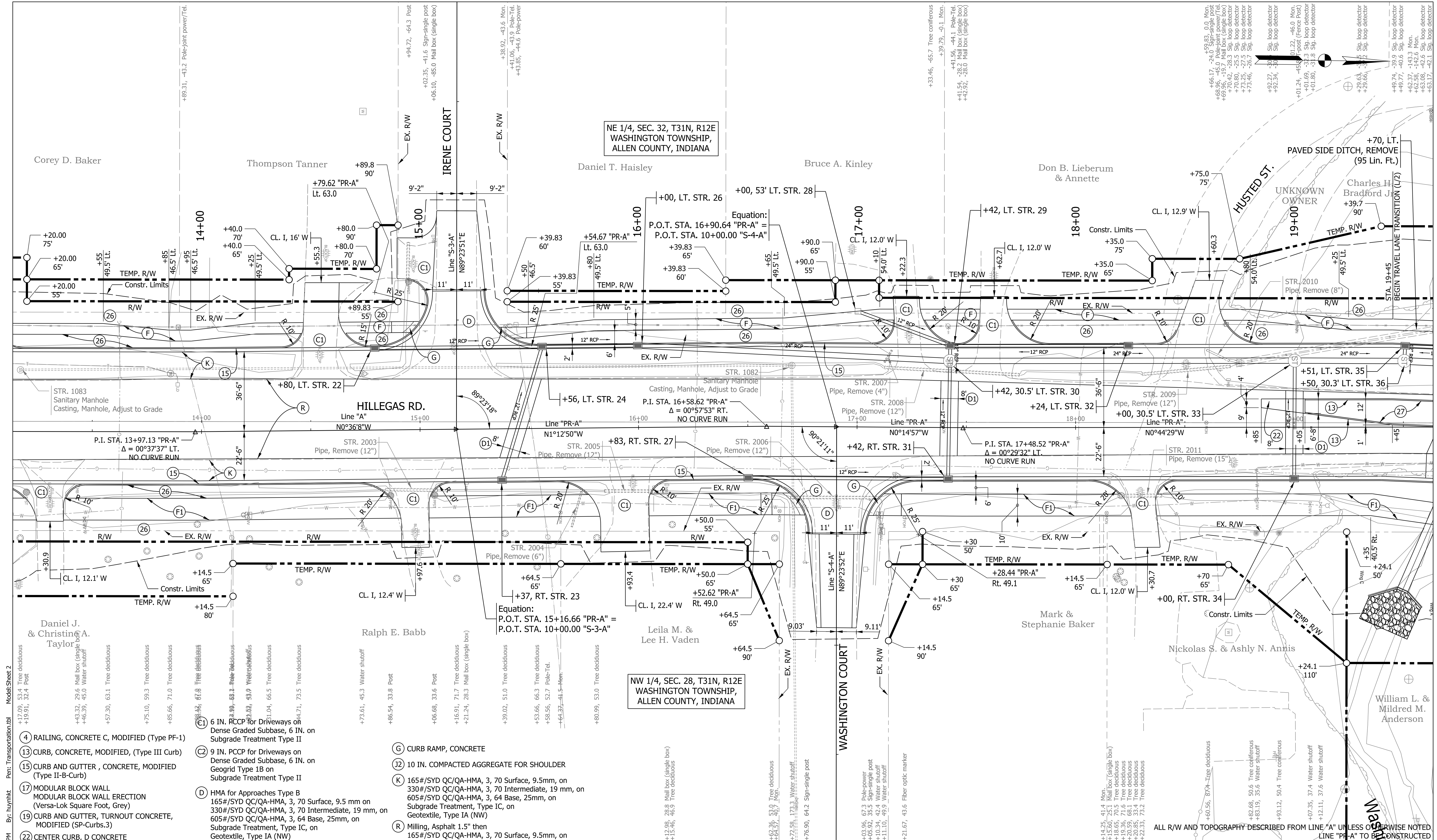
- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (17) MODULAR BLOCK WALL MODULAR BLOCK WALL ERECTION (Versa-Lok Square Foot, Grey)
- (19) CURB AND GUTTER, TURNOUT CONCRETE, MODIFIED (SP-Curbs.3)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER - REFER TO LANDSCAPE PLANS
- (C1) 6 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Subgrade Treatment Type II
- (C2) 9 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Geogrid Type 1B on Subgrade Treatment Type II
- (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (D1) HMA for Structure Installation, Type B (1100#/SYD)
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on
- (G) CURB RAMP, CONCRETE
- (J2) 10 IN. COMPACTED AGGREGATE FOR SHOULDER
- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA
CONSTRUCTION DETAIL
LINE "A" AND "PR-A"

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	49 of 159
CONTRACT	PROJECT
R-42163	1901705

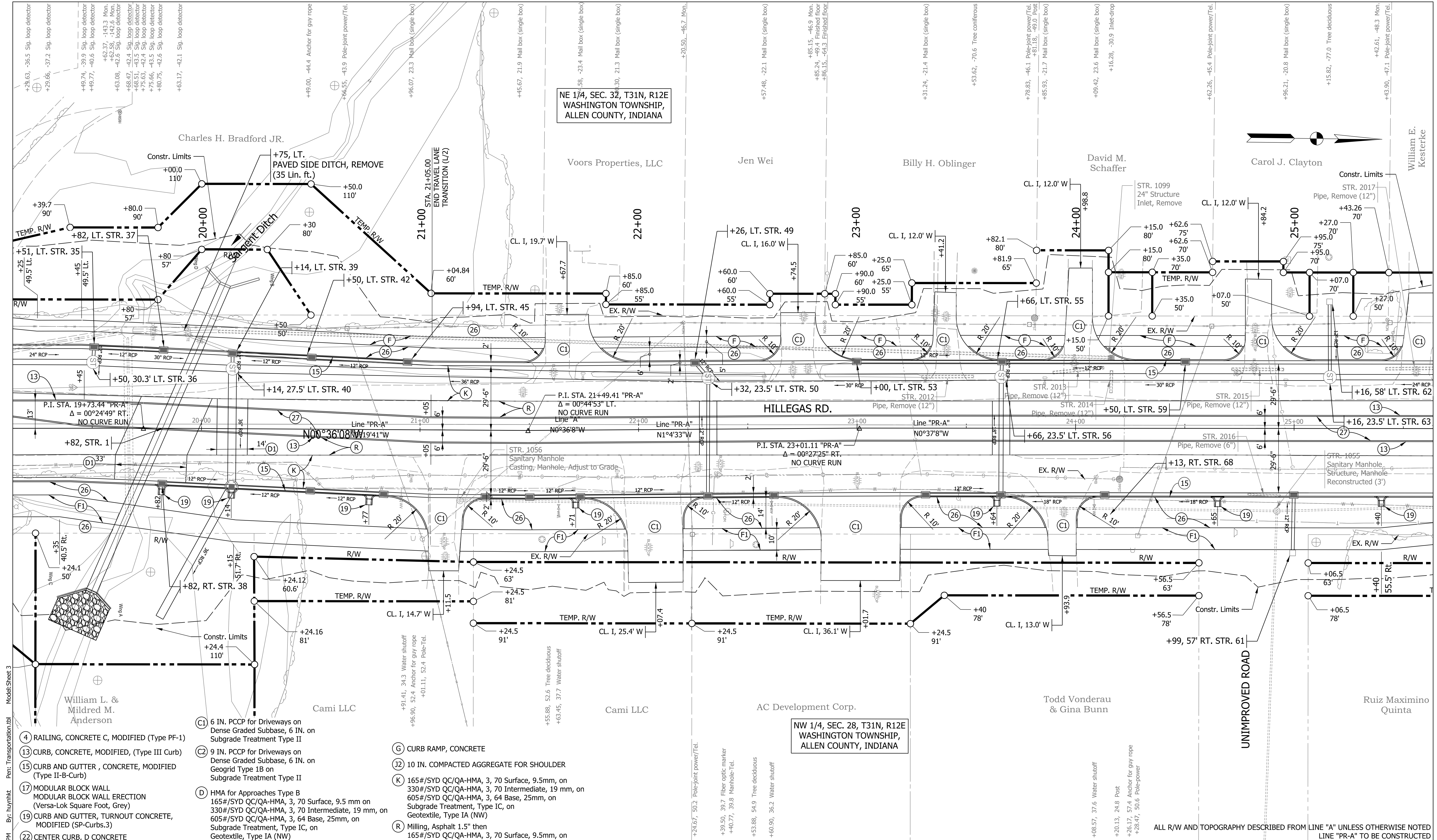


- Model: Sheet 2
 Per: Transportation.tbl
 By: huythk
 Date: 12:45:13 PM
 P: 3/10/2023
- ④ RAILING, CONCRETE C, MODIFIED (Type PF-1)
 - ⑬ CURB, CONCRETE, MODIFIED, (Type III Curb)
 - ⑮ CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
 - ⑰ MODULAR BLOCK WALL ERECTION (Versa-Lok Square Foot, Grey)
 - ⑲ CURB AND GUTTER, TURNOUT CONCRETE, MODIFIED (SP-Curbs.3)
 - ⑳ CENTER CURB, D CONCRETE
 - ㉒ SODDING, NURSERY
 - ㉓ PLANT, GROUND COVER - REFER TO LANDSCAPE PLANS
 - ① 6 IN. RCCP for Driveways on Dense Graded Subbase, 6 IN. on Subgrade Treatment Type II
 - ② 9 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Geogrid Type 1B on Subgrade Treatment Type II
 - ③ HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
 - ④ Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
 - ⑤ HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
 - ⑥ HMA for Structure Installation, Type B (1100#/SYD)
 - ⑦ SIDEWALK, CONCRETE
 - ⑧ HMA FOR SIDEWALK 110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA	
CONSTRUCTION DETAIL LINES "A" AND "PR-A"	
SCALE	BRIDGE FILE
1" = 20'	
SURVEY BOOK	DESIGNATION
	1901705
CONTRACT	SHEETS
R-42163	50 of 159
	PROJECT
	1901705





Date: 12/10/2023 12:45:19 PM
 By: huyhthk
 Project: Transportation.tbl
 Model: Sheet 3

NE 1/4, SEC. 32, T31N, R12E
WASHINGTON TOWNSHIP,
ALLEN COUNTY, INDIANA

NW 1/4, SEC. 28, T31N, R12E
WASHINGTON TOWNSHIP,
ALLEN COUNTY, INDIANA



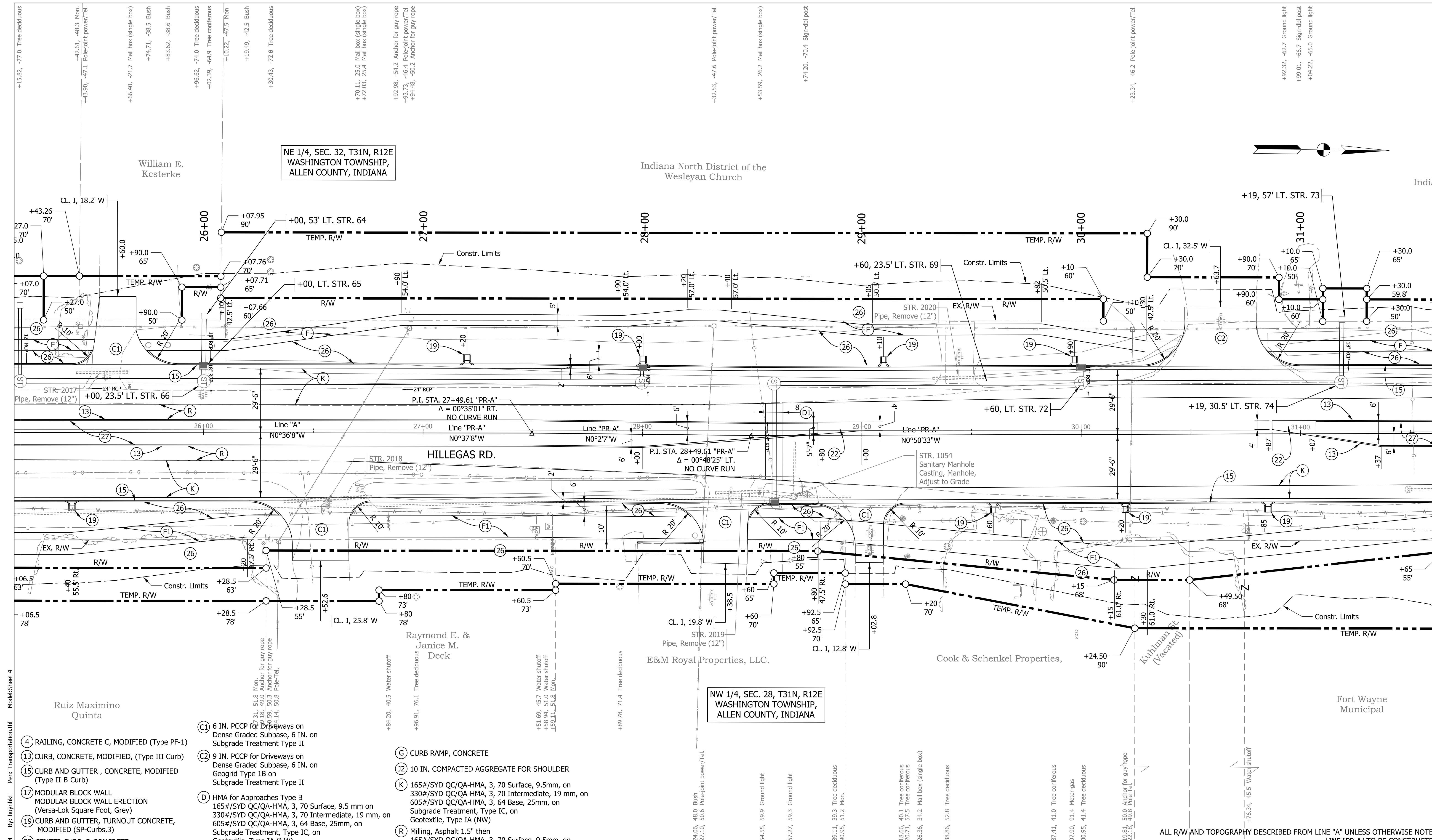
- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (17) MODULAR BLOCK WALL
MODULAR BLOCK WALL ERECTION
(Versa-Lok Square Foot, Grey)
- (19) CURB AND GUTTER, TURNOUT CONCRETE,
MODIFIED (SP-Curbs.3)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER - REFER
TO LANDSCAPE PLANS
- (C1) 6 IN. PCCP for Driveways on
Dense Graded Subbase, 6 IN. on
Subgrade Treatment Type II
- (C2) 9 IN. PCCP for Driveways on
Dense Graded Subbase, 6 IN. on
Geogrid Type 1B on
Subgrade Treatment Type II
- (D) HMA for Approaches Type B
165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on
330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
Subgrade Treatment, Type IC, on
Geotextile, Type IA (NW)
- (D1) HMA for Structure Installation, Type B (1100#/SYD)
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK
110#/SYD HMA Surface, Type B on
220#/SYD HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
- (G) CURB RAMP, CONCRETE
- (J2) 10 IN. COMPACTED AGGREGATE FOR SHOULDER
- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on
330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
Subgrade Treatment, Type IC, on
Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then
165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on
Existing Pavement
- (W) HMA FOR WIDENING
165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on
Widening with HMA, Type C Consisting of
330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on
605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
Subgrade Treatment, Type IC, on
Geotextile, Type IA (NW)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

CONSTRUCTION DETAIL
LINES "A" AND "PR-A"

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	51 of 159
CONTRACT	PROJECT
R-42163	1901705



Model: Sheet 4
 Pen: Transportation.tbl
 By: huyntkt
 Date: 12:45:24 PM
 Plot: 3/10/2023
 Z:\Infra\2019\191224.00 - FTW Hillegas Rd Col to St(CAD)\BCAD\Production Drawings\191224.00 - Construction Details - Project 1.dgn

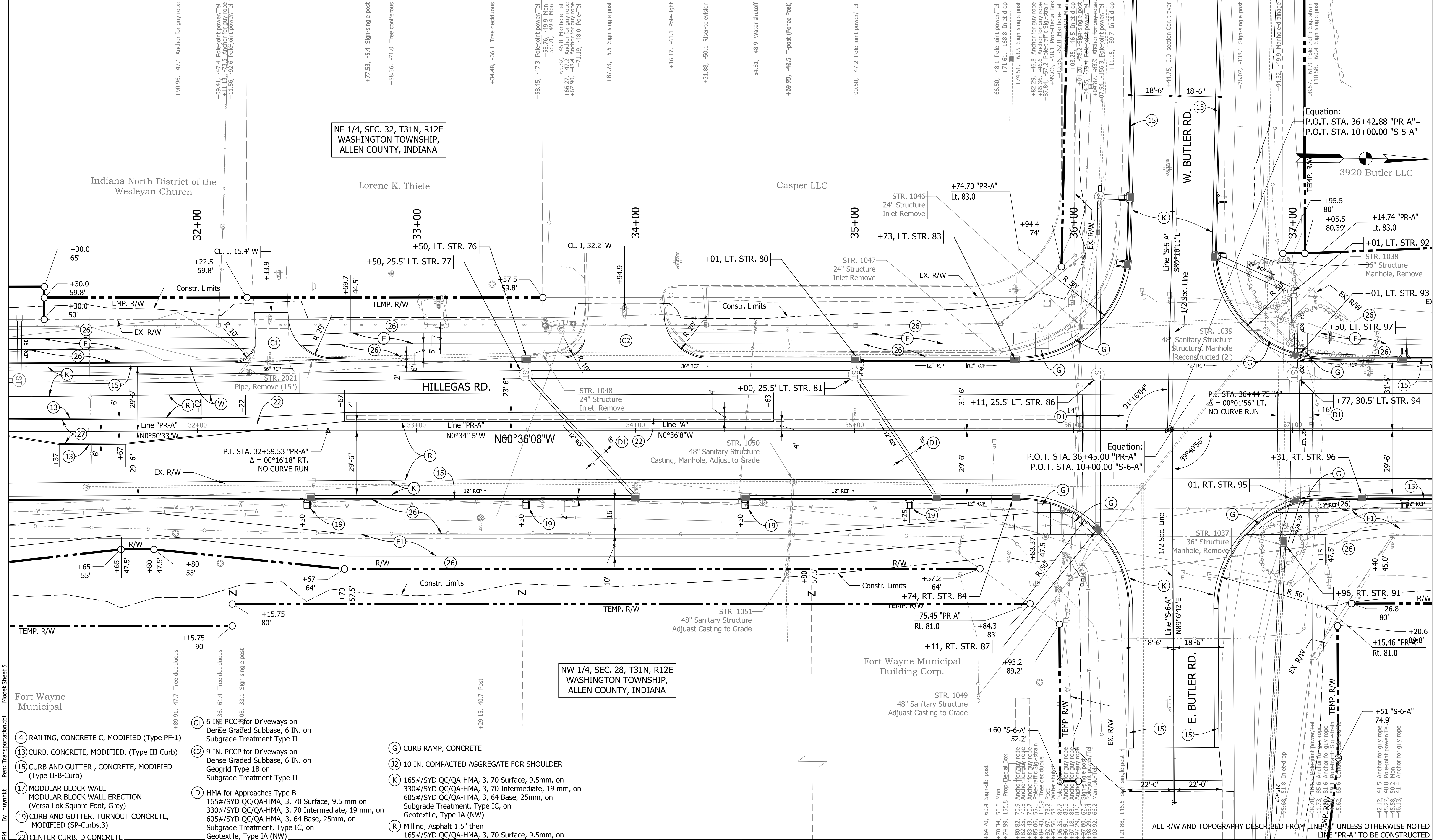
- (C1) 6 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Subgrade Treatment Type II
- (C2) 9 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Geogrid Type 1B on Subgrade Treatment Type II
- (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (D1) HMA for Structure Installation, Type B (1100#/SYD)
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on
- (G) CURB RAMP, CONCRETE
- (J2) 10 IN. COMPACTED AGGREGATE FOR SHOULDER
- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA
CONSTRUCTION DETAIL
LINE "A" AND "PR-A"

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	52 of 159
CONTRACT	PROJECT
R-42163	1901705



Model: Sheet 5
 Pen: Transportation.tbl
 By: huyntk
 Date: 12/4/2023 12:45:29 PM
 P:\2019\191224.00 - FTW Hillegas Rd Col to St(CAD)\BCAD\Production Drawings\191224.00 - Construction Details - Project 1.dgn

NE 1/4, SEC. 32, T31N, R12E
WASHINGTON TOWNSHIP,
ALLEN COUNTY, INDIANA

NW 1/4, SEC. 28, T31N, R12E
WASHINGTON TOWNSHIP,
ALLEN COUNTY, INDIANA

- (C1) 6 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Subgrade Treatment Type II
- (C2) 9 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Geogrid Type 1B on Subgrade Treatment Type II
- (D) HMA for Approaches Type B
165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (D1) HMA for Structure Installation, Type B (1100#/SYD)
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK
110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on
- (G) CURB RAMP, CONCRETE
- (J2) 10 IN. COMPACTED AGGREGATE FOR SHOULDER
- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
- (W) HMA FOR WIDENING
165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

CONSTRUCTION DETAIL
LINES "A" AND "PR-A"

SCALE	BRIDGE FILE
1" = 20'	
SURVEY BOOK	DESIGNATION
	1901705
CONTRACT	SHEETS
R-42163	53 of 159
	PROJECT
	1901705

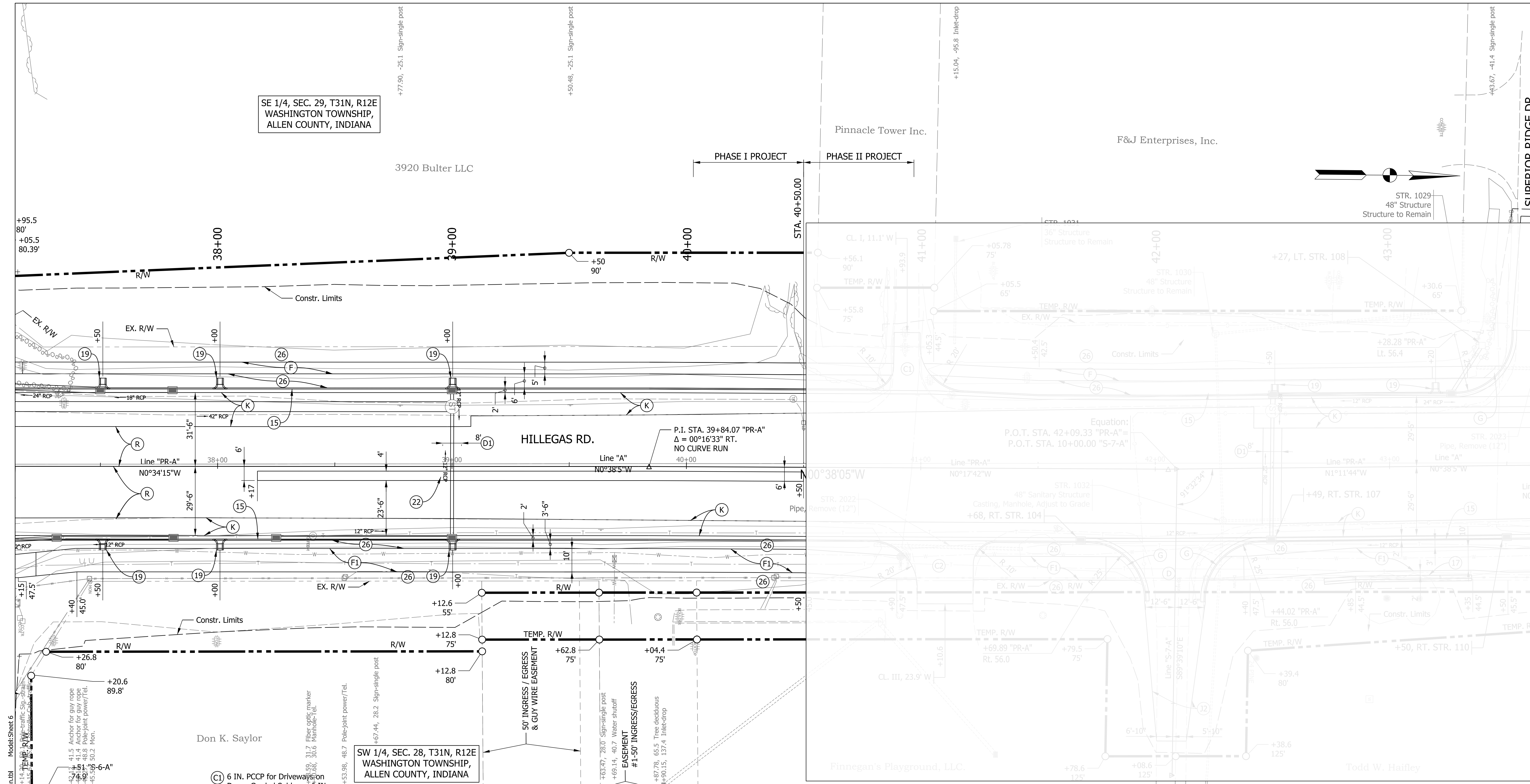
SE 1/4, SEC. 29, T31N, R12E
WASHINGTON TOWNSHIP,
ALLEN COUNTY, INDIANA

3920 Bulter LLC

Pinnacle Tower Inc.

F&J Enterprises, Inc.

SUPERIOR RIDGE DR.



- ④ RAILING, CONCRETE C, MODIFIED (Type PF-1)
- ⑬ CURB, CONCRETE, MODIFIED, (Type III Curb)
- ⑮ CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- ⑰ MODULAR BLOCK WALL MODULAR BLOCK WALL ERECTION (Versa-Lok Square Foot, Grey)
- ⑲ CURB AND GUTTER, TURNOUT CONCRETE, MODIFIED (SP-Curbs.3)
- ⑳ CENTER CURB, D CONCRETE
- ㉑ SODDING, NURSERY
- ㉒ PLANT, GROUND COVER - REFER TO LANDSCAPE PLANS
- ① 6 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Subgrade Treatment Type II
- ② 9 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Geogrid Type 1B on Subgrade Treatment Type II
- ③ HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- ④ HMA for Structure Installation, Type B (1100#/SYD)
- ⑤ SIDEWALK, CONCRETE
- ⑥ HMA FOR SIDEWALK 110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on
- ⑦ CURB RAMP, CONCRETE
- ⑧ 10 IN. COMPACTED AGGREGATE FOR SHOULDER
- ⑨ 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- ⑩ Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
- ⑪ HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)

SW 1/4, SEC. 28, T31N, R12E
WASHINGTON TOWNSHIP,
ALLEN COUNTY, INDIANA



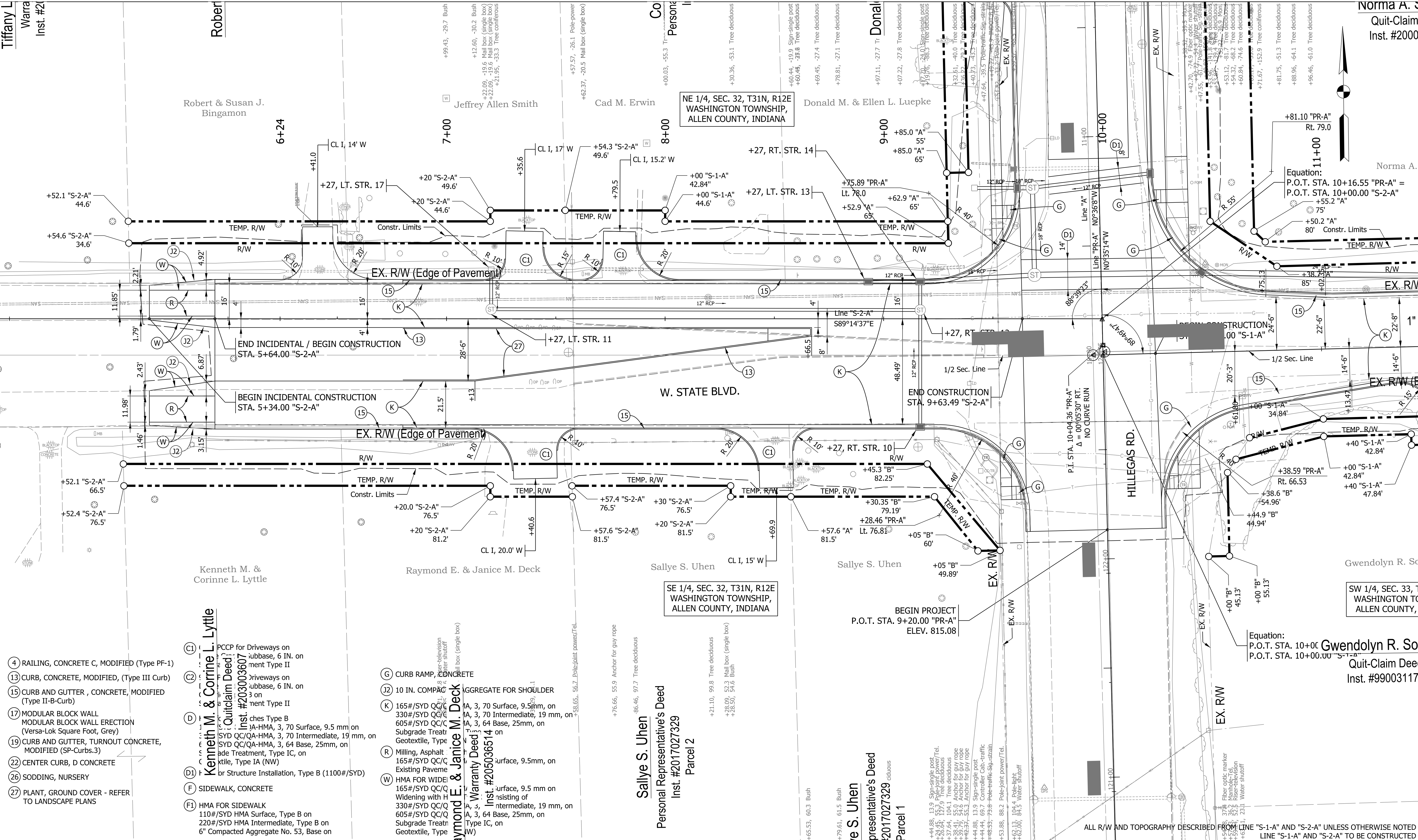
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

CONSTRUCTION DETAIL
LINES "A" AND "PR-A"

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	54 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 12:45:40 PM By: huyhkt Model: Sheet 1



- (4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
- (13) CURB, CONCRETE, MODIFIED, (Type III Curb)
- (15) CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- (17) MODULAR BLOCK WALL MODULAR BLOCK WALL ERECTION (Versa-Lok Square Foot, Grey)
- (19) CURB AND GUTTER, TURNOUT CONCRETE, MODIFIED (SP-Curbs.3)
- (22) CENTER CURB, D CONCRETE
- (26) SODDING, NURSERY
- (27) PLANT, GROUND COVER - REFER TO LANDSCAPE PLANS
- (C1) PCCP for Driveways on Subbase, 6 IN. on ment Type II
- (C2) Driveways on Subbase, 6 IN. on ment Type II
- (D) Ches Type B YA-HMA, 3, 70 Surface, 9.5 mm on SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on SYD QC/QA-HMA, 3, 64 Base, 25mm, on ade Treatment, Type IC, on xtile, Type IA (NW)
- (DI) or Structure Installation, Type B (1100#/SYD)
- (F) SIDEWALK, CONCRETE
- (F1) HMA FOR SIDEWALK 110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on
- (G) CURB RAMP, CONCRETE
- (J2) 10 IN. COMPACT AGGREGATE FOR SHOULDER
- (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treat Geotextile, Type IA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Type IC, on
- (R) Milling, Asphalt 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
- (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treat Geotextile, Type IA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Type IC, on

Kenneth M. & Corinne L. Lyttle
 Quitclaim Deed
 Inst. #203003607

Raymond E. & Janice M. Deck
 Warranty Deed
 Inst. #205036514

Sallye S. Uhen
 Personal Representative's Deed
 Inst. #2017027329
 Parcel 2

Sallye S. Uhen
 Personal Representative's Deed
 Inst. #2017027329
 Parcel 1

gai consultants

RECOMMENDED FOR APPROVAL _____

DESIGNED: ARW DRAWN: KTH/MWM

CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE INDIANA	
DESIGN ENGINEER	DATE
CONSTRUCTION DETAILS LINES "S-1-A" & "S-2-A"	
SURVEY BOOK 55 of 159	
CONTRACT R-42163 PROJECT 1901705	

SCALE BRIDGE FILE	
1" = 20'	
DESIGNATION 1901705	
SHEETS	
55 of 159	
PROJECT	
1901705	

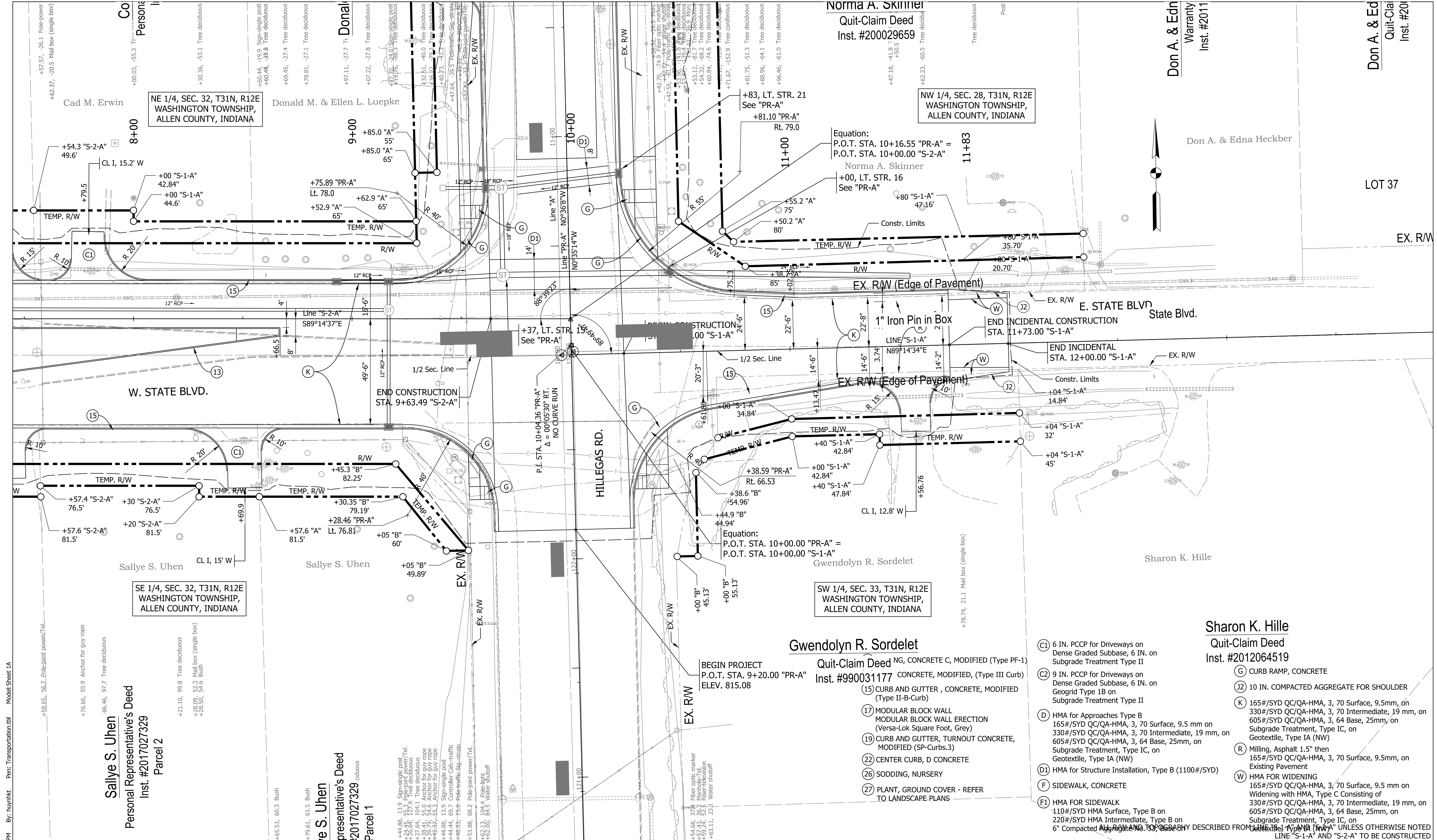
SCALE BRIDGE FILE	
1" = 20'	
DESIGNATION 1901705	
SHEETS	
55 of 159	
PROJECT	
1901705	

Norma A. Quit-Claim Inst. #2000

Norma A.

Gwendolyn R. So

Quit-Claim Deed Inst. #99003117



Plot: 3/10/2023 12:45:44 PM By: huyntkt Per: Transportation.tbl Model: Sheet 1A

Sallye S. Uhen
 Personal Representative's Deed
 Inst. #2017027329
 Parcel 2

NE 1/4, SEC. 32, T31N, R12E
 WASHINGTON TOWNSHIP,
 ALLEN COUNTY, INDIANA

SE 1/4, SEC. 32, T31N, R12E
 WASHINGTON TOWNSHIP,
 ALLEN COUNTY, INDIANA

Sallye S. Uhen
 Representative's Deed
 #2017027329
 Parcel 1

+44.88, 13.9 Sign-single post
 +46.81, 17.9 Tree deciduous
 +37.64, 104.1 Tree deciduous
 +38.41, 55.0 Anchor for guy rope
 +32.37, 55.3 Anchor for guy rope
 +44.88, 13.9 Sign-single post
 +44.41, 69.7 Controller Cab-traffic
 +48.53, 75.8 Pole-traffic-Sig-stain
 +53.88, 88.2 Pole-joint power/Tel.
 +62.13, 104.4 Pole-light
 +62.70, 84.5 Water shutoff



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
 INDIANA
 CONSTRUCTION DETAILS
 LINES "S-1-A" & "S-2-A"

SCALE	BRIDGE FILE
1" = 20'	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	56 of 159
CONTRACT	PROJECT
R-42163	1901705

- Sharon K. Hille**
Quit-Claim Deed
Inst. #2012064519
- (C1) 6 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Subgrade Treatment Type II
 - (C2) 9 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Geogrid Type 1B on Subgrade Treatment Type II
 - (D) HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
 - (R) Milling, Asphalt 1.5" then 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Existing Pavement
 - (W) HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
 - (F) SIDEWALK, CONCRETE
 - (FI) HMA FOR SIDEWALK 110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate, Type A (NW) UNLESS OTHERWISE NOTED LINE "S-1-A" AND "S-2-A" TO BE CONSTRUCTED
 - (G) CURB RAMP, CONCRETE
 - (J2) 10 IN. COMPACTED AGGREGATE FOR SHOULDER
 - (K) 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)

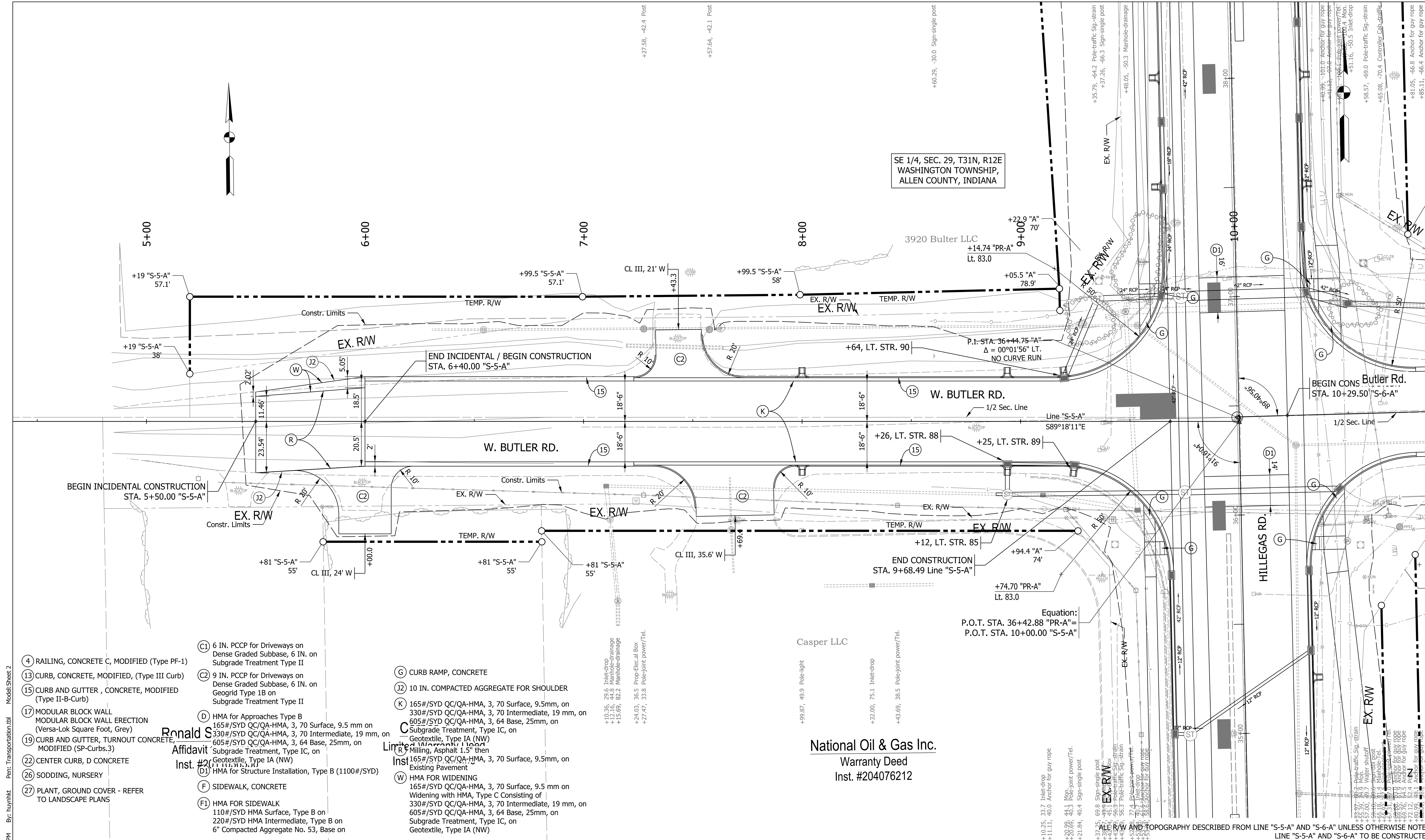
Gwendolyn R. Sordelet
 Quit-Claim Deed
 Inst. #990031177

NW 1/4, SEC. 28, T31N, R12E
 WASHINGTON TOWNSHIP,
 ALLEN COUNTY, INDIANA

Norma A. Skinner
 Quit-Claim Deed
 Inst. #200029659

Don A. & Edna
 Warranty
 Inst. #2011

Don A. & Edna
 Quit-Claim
 Inst. #20



SE 1/4, SEC. 29, T31N, R12E
WASHINGTON TOWNSHIP,
ALLEN COUNTY, INDIANA

BEGIN INCIDENTAL CONSTRUCTION
STA. 5+50.00 "S-5-A"

END INCIDENTAL / BEGIN CONSTRUCTION
STA. 6+40.00 "S-5-A"

END CONSTRUCTION
STA. 9+68.49 Line "S-5-A"

BEGIN CONS Butler Rd.
STA. 10+29.50 "S-6-A"

- ④ RAILING, CONCRETE C, MODIFIED (Type PF-1)
- ⑬ CURB, CONCRETE, MODIFIED, (Type III Curb)
- ⑮ CURB AND GUTTER, CONCRETE, MODIFIED (Type II-B-Curb)
- ⑰ MODULAR BLOCK WALL ERECTION (Versa-Lok Square Foot, Grey)
- ⑲ CURB AND GUTTER, TURNOUT CONCRETE, MODIFIED (SP-Curbs.3)
- ⑳ CENTER CURB, D CONCRETE
- ㉑ SODDING, NURSERY
- ㉒ PLANT, GROUND COVER - REFER TO LANDSCAPE PLANS

- Ⓒ 6 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Subgrade Treatment Type II
- Ⓓ HMA for Approaches Type B 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5 mm on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- Ⓔ 10 IN. COMPACTED AGGREGATE FOR SHOULDER
- Ⓕ 9 IN. PCCP for Driveways on Dense Graded Subbase, 6 IN. on Geogrid Type 1B on Subgrade Treatment Type II
- Ⓖ SIDEWALK, CONCRETE
- Ⓗ HMA FOR SIDEWALK 110#/SYD HMA Surface, Type B on 220#/SYD HMA Intermediate, Type B on 6" Compacted Aggregate No. 53, Base on

- Ⓖ CURB RAMP, CONCRETE
- Ⓙ 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)
- Ⓚ HMA FOR WIDENING 165#/SYD QC/QA-HMA, 3, 70 Surface, 9.5mm, on Widening with HMA, Type C Consisting of 330#/SYD QC/QA-HMA, 3, 70 Intermediate, 19 mm, on 605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on Subgrade Treatment, Type IC, on Geotextile, Type IA (NW)

Equation:
P.O.T. STA. 36+42.88 "PR-A" =
P.O.T. STA. 10+00.00 "S-5-A"

National Oil & Gas Inc.
Warranty Deed
Inst. #204076212

Model: Sheet 2
 Per: Transportation.tbl
 By: huythkt
 12:45:49 PM
 Plot: 3/10/2023



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

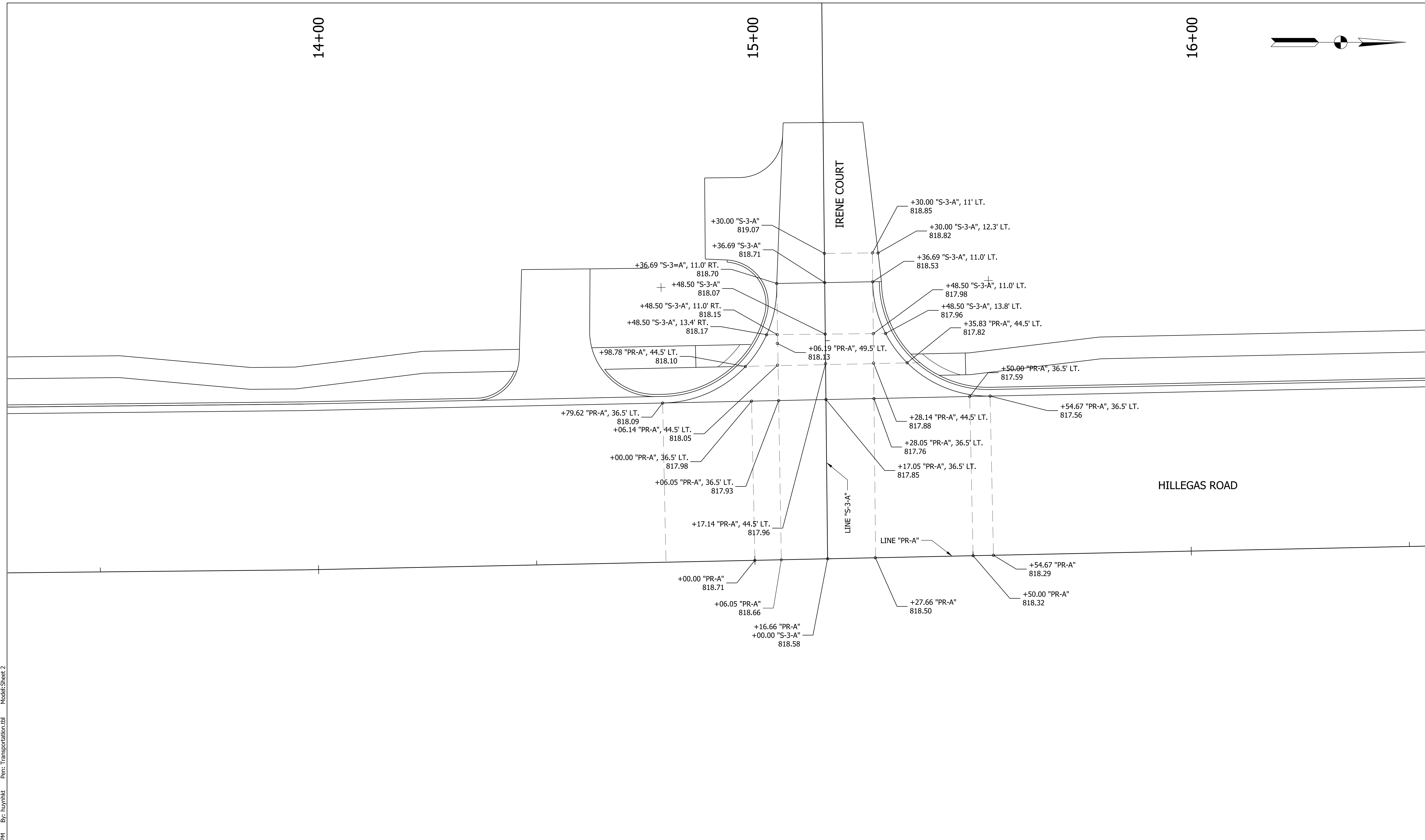
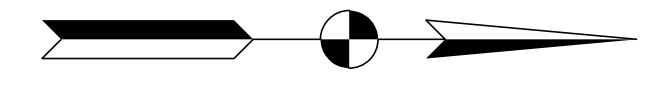
CONSTRUCTION DETAILS
LINES "S-5-A" & "S-6-A"

SCALE	BRIDGE FILE
1" = 20'	
SURVEY BOOK	DESIGNATION
	1901705
CONTRACT	SHEETS
R-42163	57 of 159
	PROJECT
	1901705

14+00

15+00

16+00



P:\c3\10\2023 12:46:15 PM By: huynhkt Per: Transportation.tbl Model: Sheet 2



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW _____	DRAWN: KTH/MWM _____	
CHECKED: MJS _____	CHECKED: MJS/ARW _____	

CITY OF FORT WAYNE
INDIANA

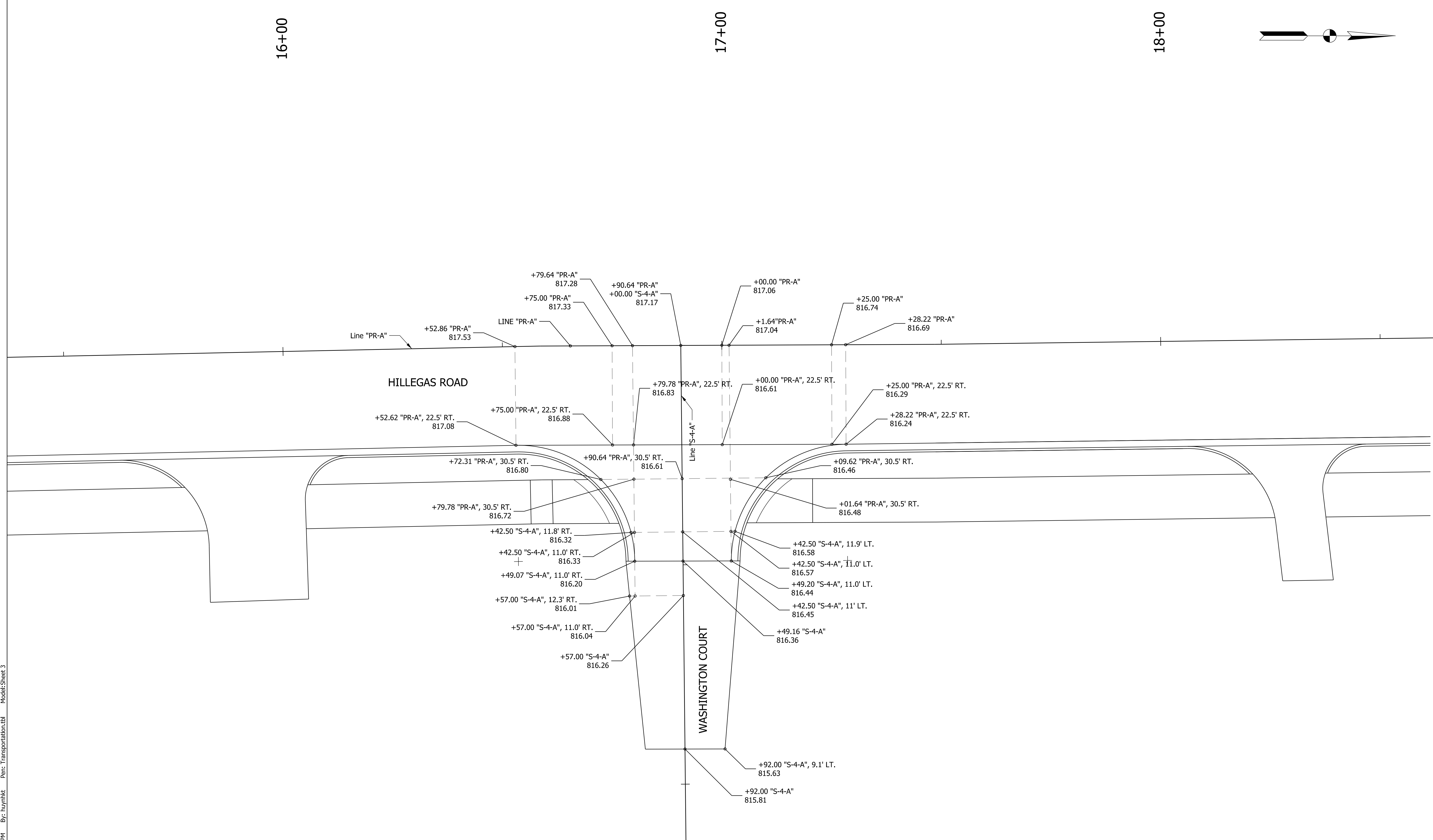
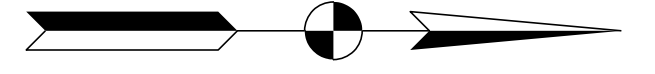
APPROACH DETAILS
IRENE COURT AND HILLEGAS ROAD

SCALE 1" = 10'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 60 of 159
CONTRACT R-42163	PROJECT 1901705

16+00

17+00

18+00



P:\c3\10\2023 12:46:17 PM By: huythkt Pen: Transportation.tbl Model: Sheet 3

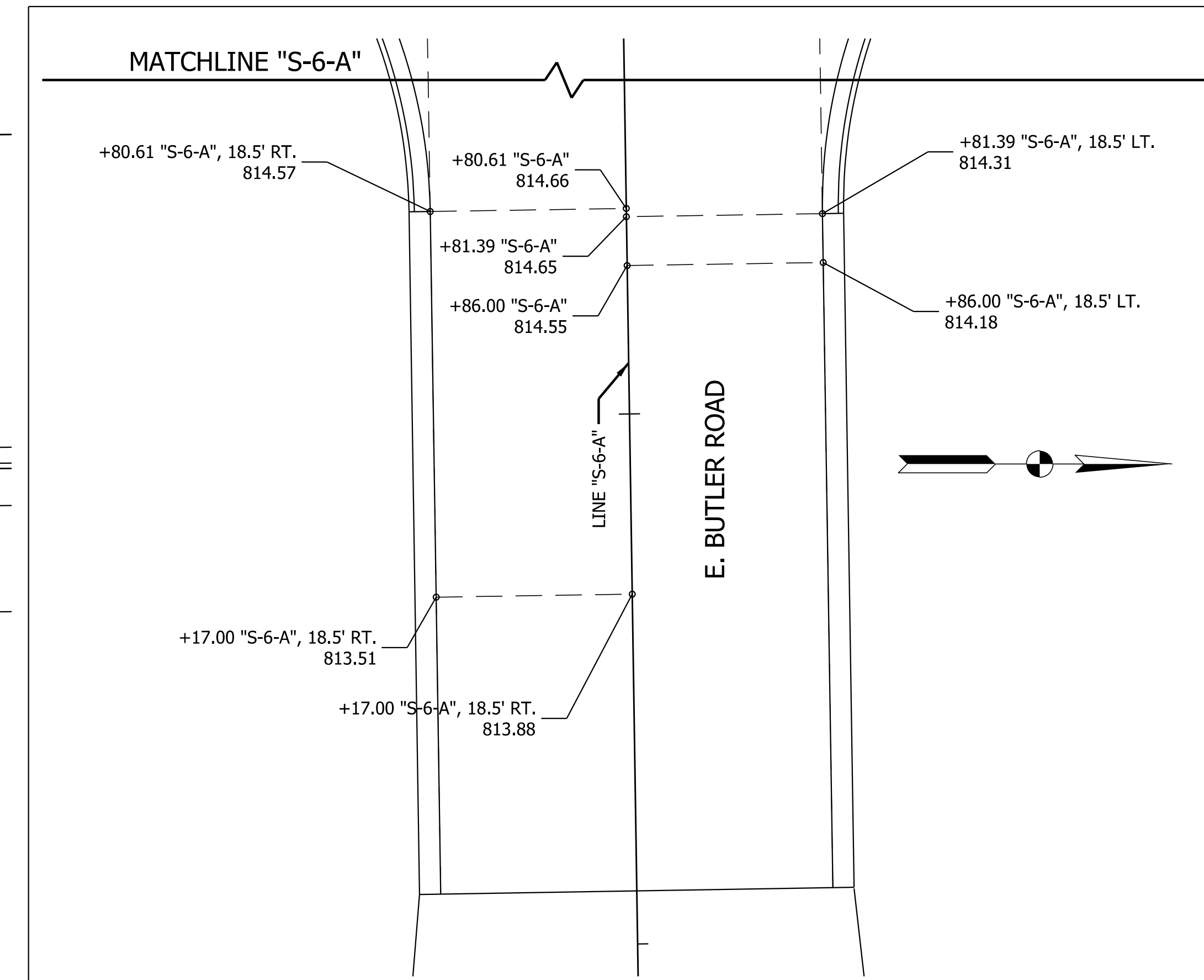
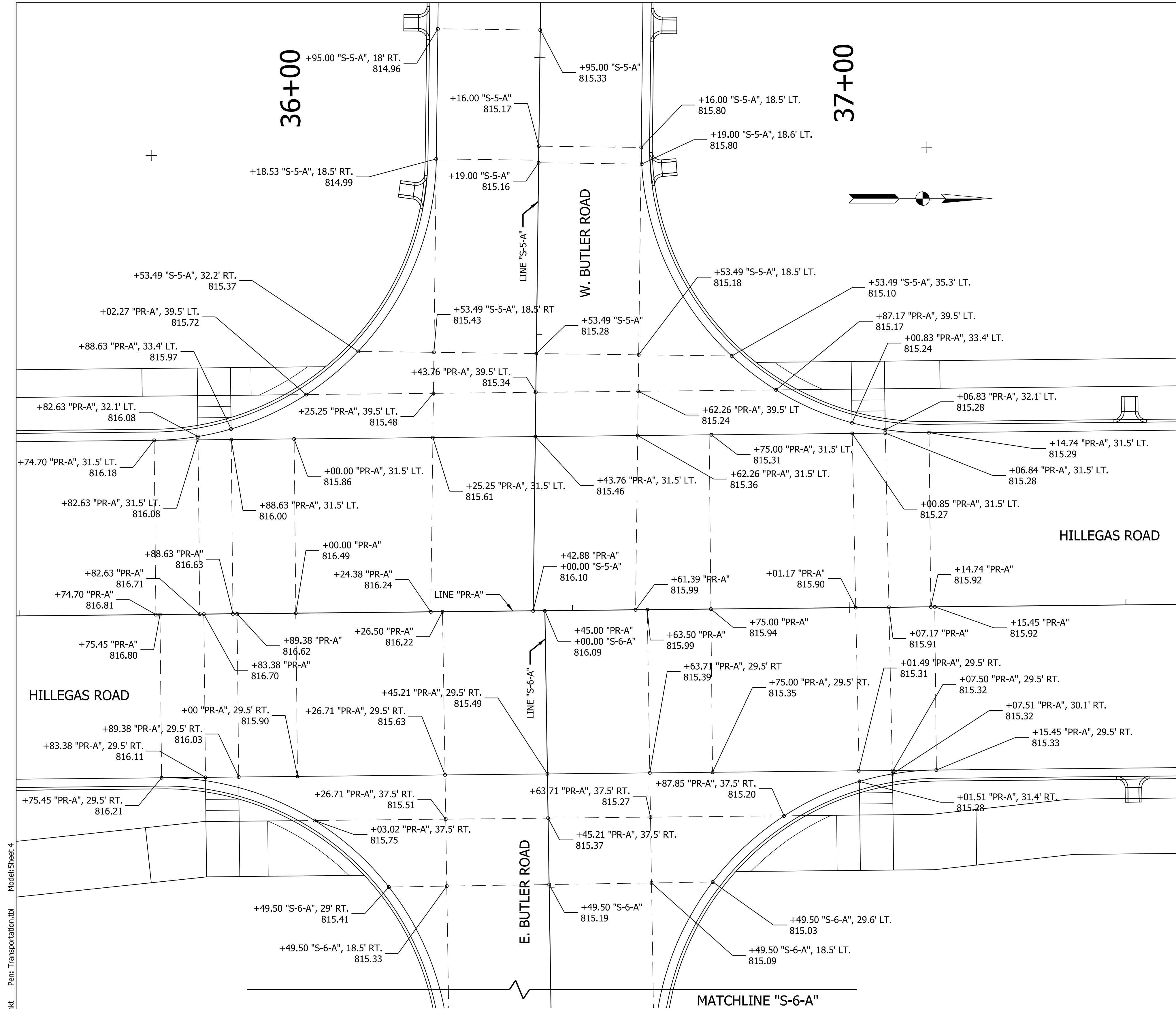


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

APPROACH DETAILS
WASHINGTON COURT AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	61 of 159
CONTRACT	PROJECT
R-42163	1901705



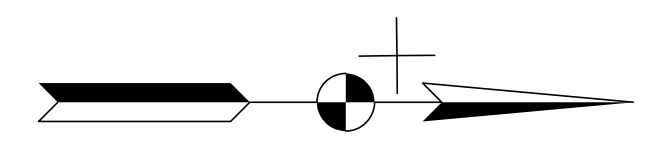
P:\c3\10\2023 12:46:19 PM By: huynhkt Per: Transportation.tbl Model:Sheet 4



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA
APPROACH DETAILS
BUTLER ROAD AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	62 of 159
CONTRACT	PROJECT
R-42163	1901705



Plot: 3/10/2023 12:46:24 PM By: huythkt Pen: Transportation.tbl Model: Sheet 2

LEGEND

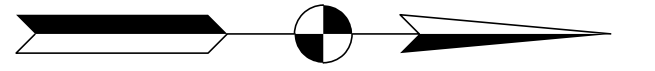
(CR) CURB RAMP



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW _____	DRAWN: KTH/MWM _____	
CHECKED: MJS _____	CHECKED: MJS/ARW _____	

CITY OF FORT WAYNE INDIANA	
CURB RAMP DETAIL STATE STREET AND HILLEGAS ROAD	

SCALE 1" = 5'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 64 of 159
CONTRACT R-42163	PROJECT 1901705



P:\c3\10\2023 12:46:25 PM By: huyinhk Pen: Transportation.tbl Model: Sheet 3

LEGEND
 (CR) CURB RAMP

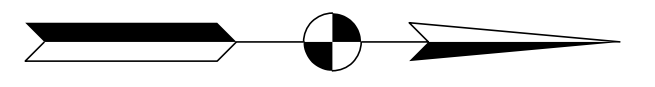


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW _____	DRAWN: KTH/MWM _____	
CHECKED: MJS _____	CHECKED: MJS/ARW _____	

**CITY OF FORT WAYNE
 INDIANA**

**CURB RAMP DETAILS
 IRENE COURT AND HILLEGAS ROAD**

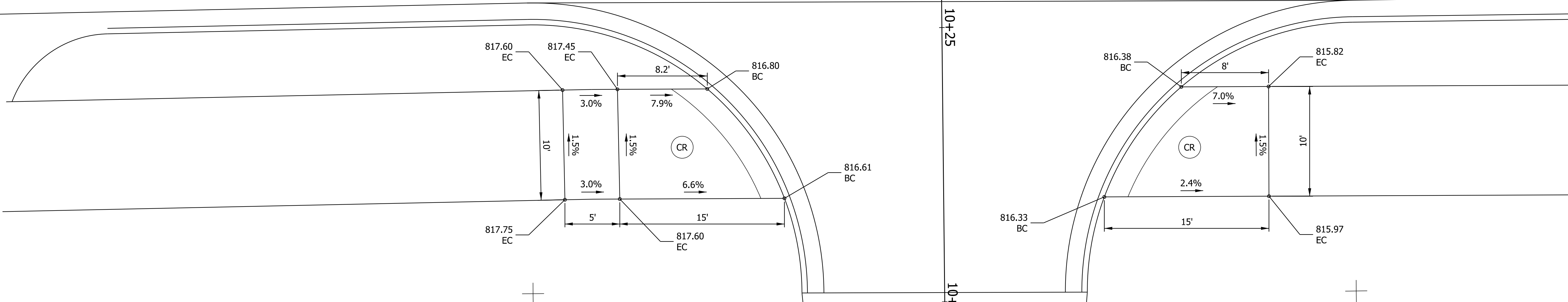
SCALE 1" = 5'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 65 of 159
CONTRACT R-42163	PROJECT 1901705



16+00 16+25 16+50 16+75 17+00 17+25 17+50

HILLEGAS ROAD

LINE "PR-A"
LINE "S-4-A"



Plc3/10/2023 12:46:26 PM By: huynhkt Per: Transportation.tbl Model: Sheet 4

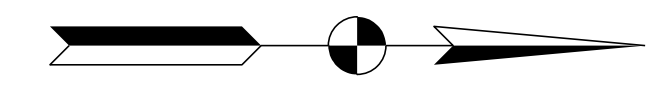
LEGEND
 (CR) CURB RAMP



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
 INDIANA
CURB RAMP DETAILS
 WASHINGTON COURT AND HILLEGAS ROAD

SCALE 1" = 5'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 66 of 159
CONTRACT R-42163	PROJECT 1901705



HILLEGAS ROAD

35+75 36+00 36+25 36+50 36+75 37+00 37+25

HILLEGAS ROAD

LINE "S-5-A"

LINE "PR-A"

10+00 10+00

10+00 10+00

10+00 10+00

10+00 10+00

10+00 10+00

10+00 10+00

10+25 10+25

10+25 10+25

10+25 10+25

10+25 10+25

10+25 10+25

10+50 10+50

10+50 10+50

10+50 10+50

10+50 10+50

10+50 10+50

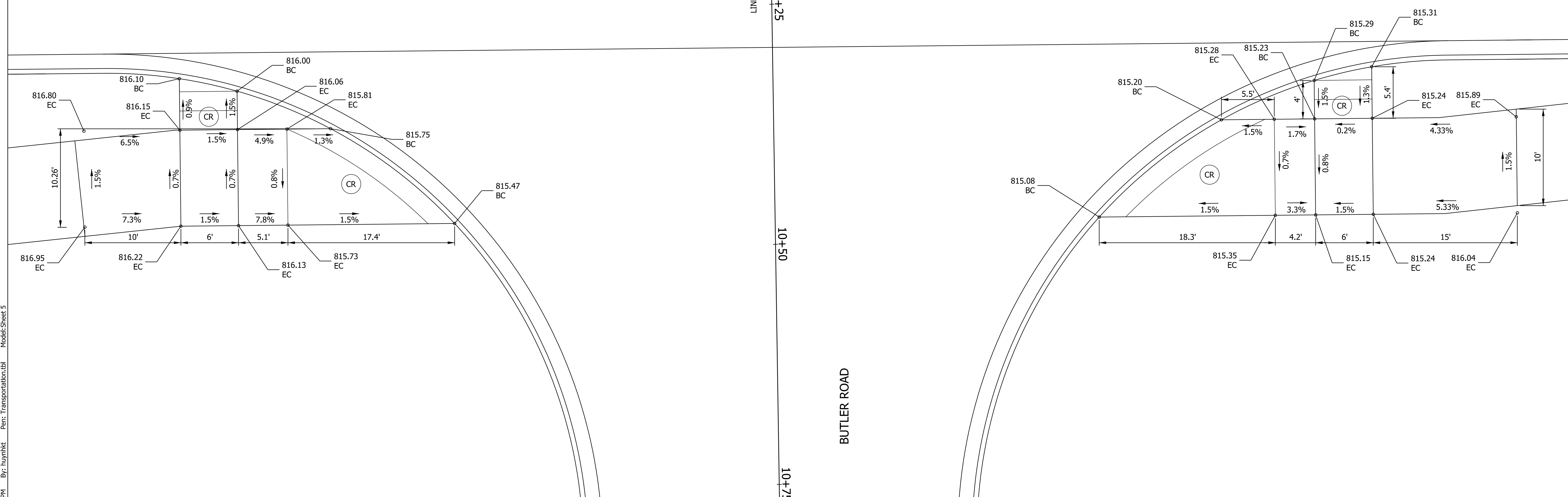
10+75 10+75

10+75 10+75

10+75 10+75

10+75 10+75

BUTLER ROAD



12:46:27 PM
By: huynhtk
Per: Transportation.tbl
Model: Sheet 5
Plot: 3/10/2023

LEGEND
CR CURB RAMP

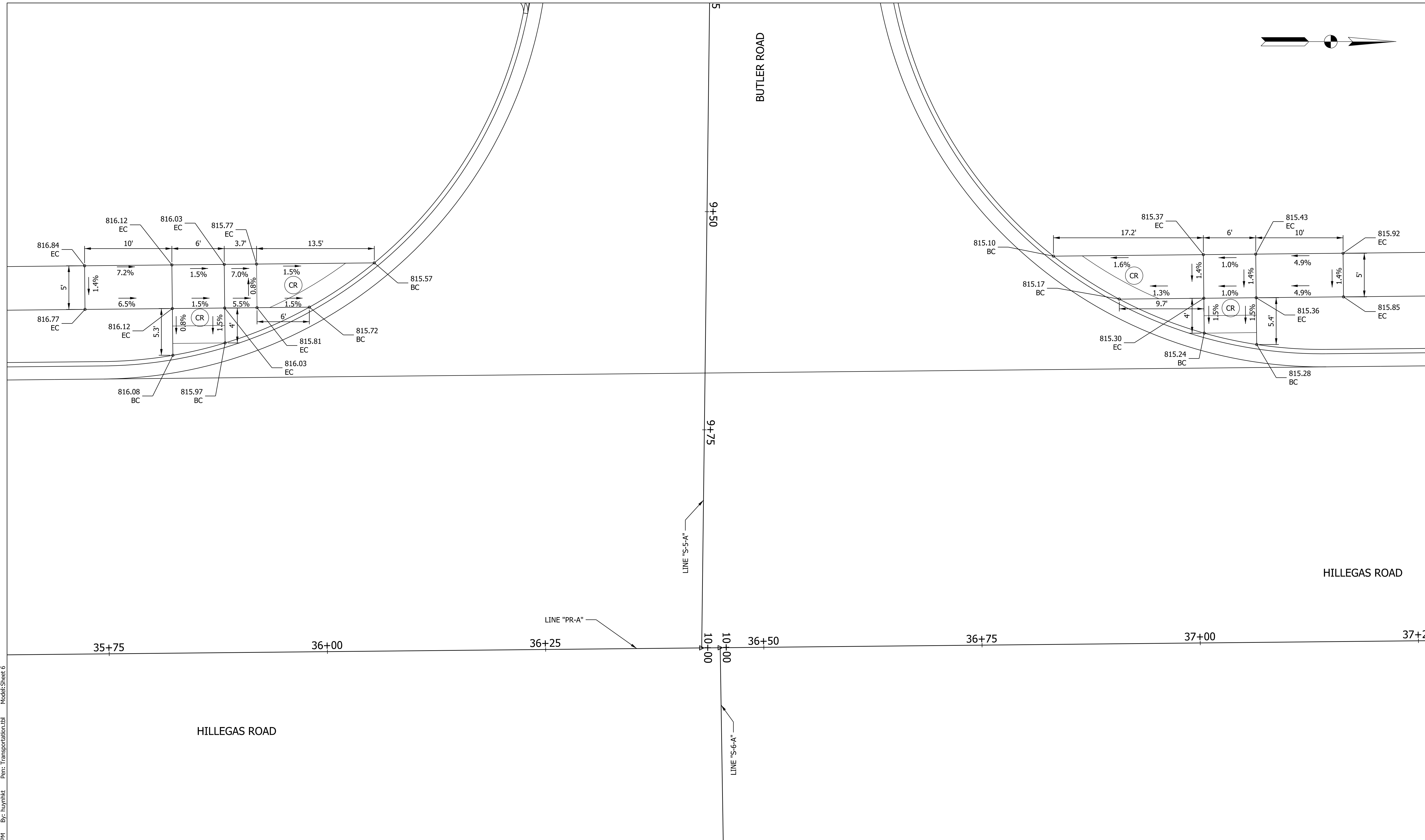
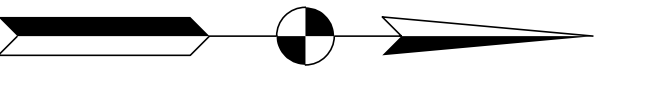


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
BUTLER ROAD AND HILLEGAS ROAD

SCALE 1" = 5'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 67 of 159
CONTRACT R-42163	PROJECT 1901705



LEGEND

(CR) CURB RAMP



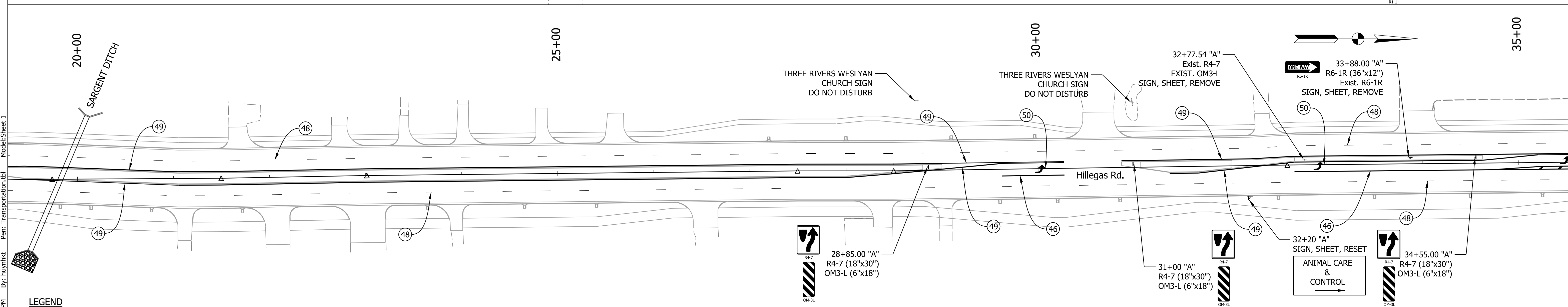
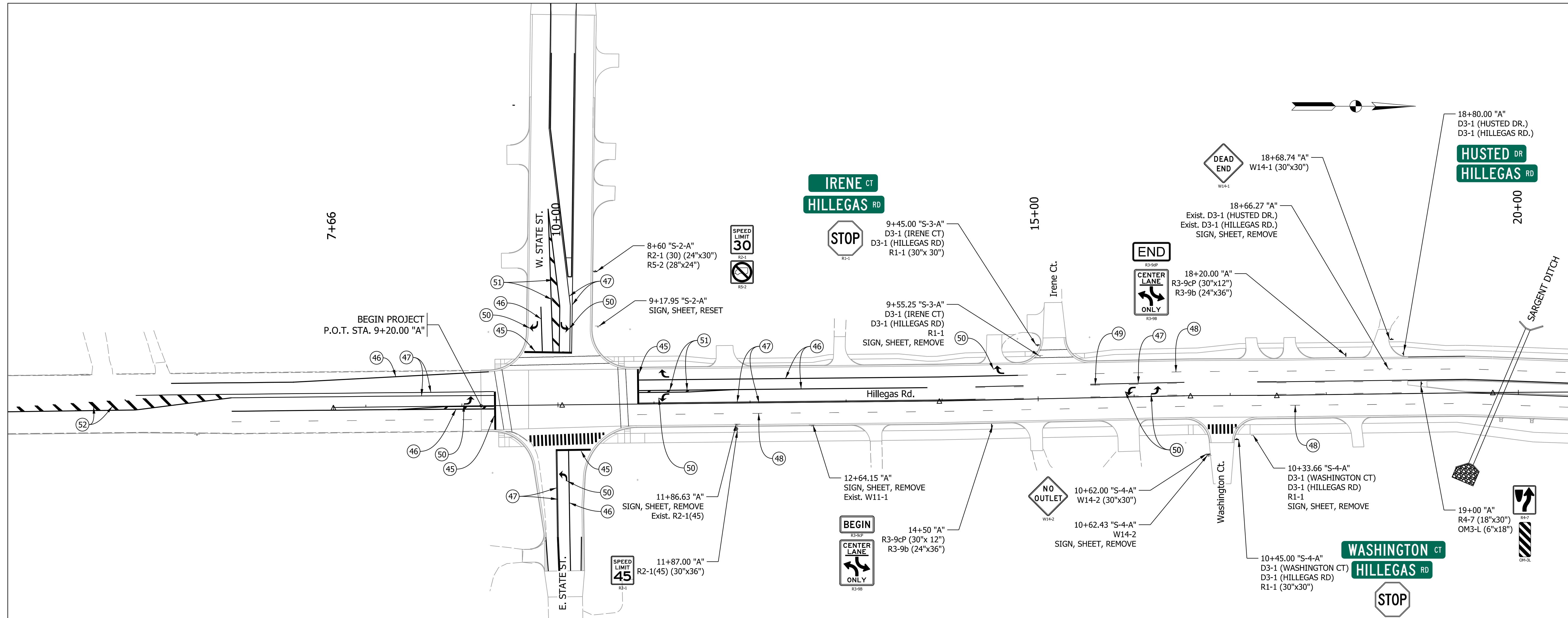
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW _____	DRAWN: KTH/MWM _____	
CHECKED: MJS _____	CHECKED: MJS/ARW _____	

CITY OF FORT WAYNE
INDIANA

**CURB RAMP DETAILS
BUTLER ROAD AND HILLEGAS ROAD**

SCALE 1" = 5'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 68 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 12:46:27 PM By: huythkt Pen: Transportation.tbl Model:Sheet 6



LEGEND

(45) TRANSVERSE MARKINGS, MULTI-COMPONENT, STOP LINE, 24 IN	(50) PAVEMENT MESSAGE MARKING, MUTL-COMPONENT, LANE INDICATION ARROW
(46) LINE, MULTI-COMPONENT, SOLID, WHITE, 6 IN	(51) TRANVERSE MARKINGS, MULTI-COMPONENT, SOLID, CROSSHATCH, WHITE, 12 IN @ 20' O.C.
(47) LINE, MULTI-COMPONENT, SOLID, YELLOW, 6 IN	(52) TRANVERSE MARKINGS, MULTI-COMPONENT, SOLID, CROSSHATCH, YELLOW, 12 IN @ 20' O.C.
(48) LINE, MULTI-COMPONENT, BROKEN, WHITE, 6 IN	
(49) LINE, MULTI-COMPONENT, BROKEN, YELLOW, 6 IN	

Z:\Infra\2019\191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\191224.00 - Pavement Markings.dgn



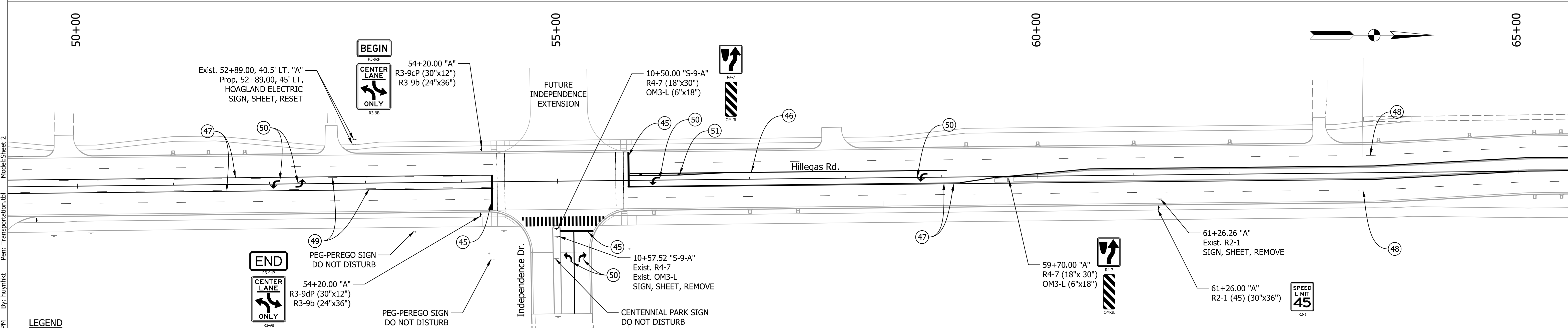
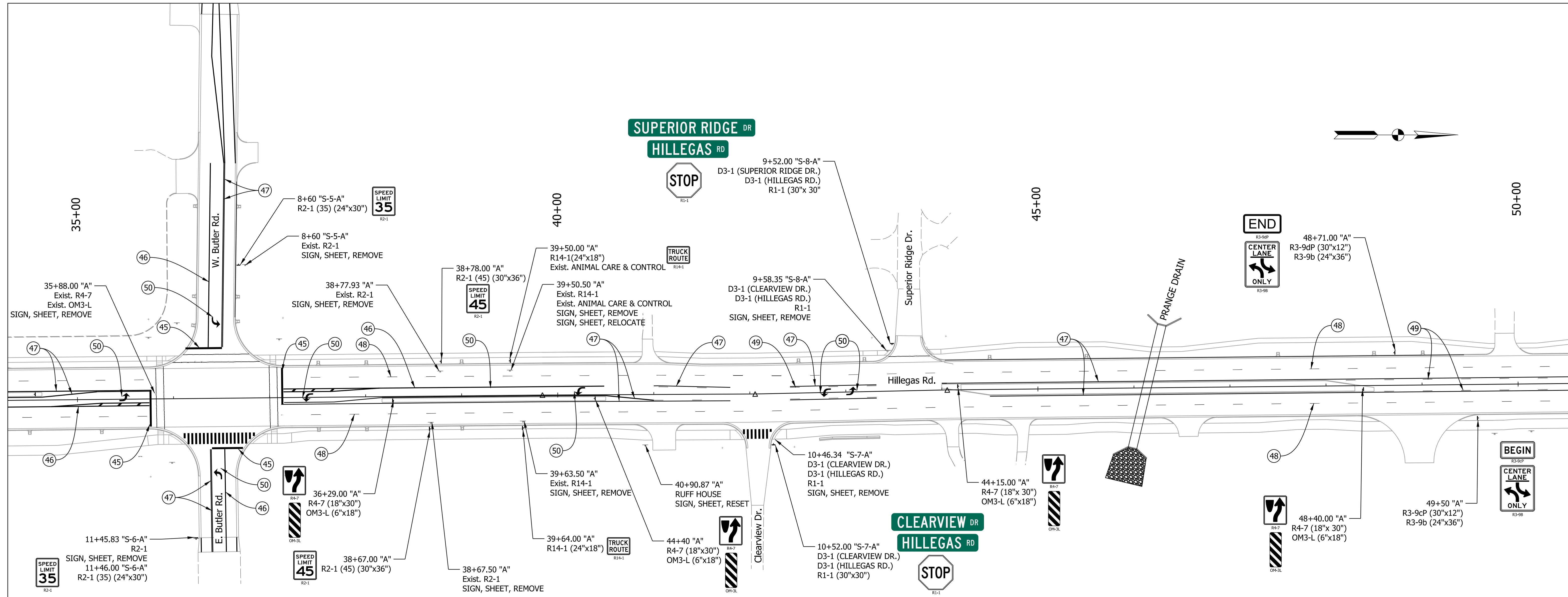
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

PAVEMENT MARKINGS
AND SIGNING

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS
	69 of 159
CONTRACT R-42163	PROJECT 1901705

Modls:Sheet 1
 Pen: Transportation.tbl
 By: huythkt
 P12:46:58 PM
 12/31/2023



- LEGEND**
- (45) TRANSVERSE MARKINGS, MULTI-COMPONENT, STOP LINE, 24 IN
 - (46) LINE, MULTI-COMPONENT, SOLID, WHITE, 6 IN
 - (47) LINE, MULTI-COMPONENT, SOLID, YELLOW, 6 IN
 - (48) LINE, MULTI-COMPONENT, BROKEN, WHITE, 6 IN
 - (49) LINE, MULTI-COMPONENT, BROKEN, YELLOW, 6 IN
 - (50) PAVEMENT MESSAGE MARKING, MUTL-COMPONENT, LANE INDICATION ARROW
 - (51) TRANVERSE MARKINGS, MULTI-COMPONENT, SOLID, CROSSHATCH, WHITE, 12 IN @ 20' O.C.



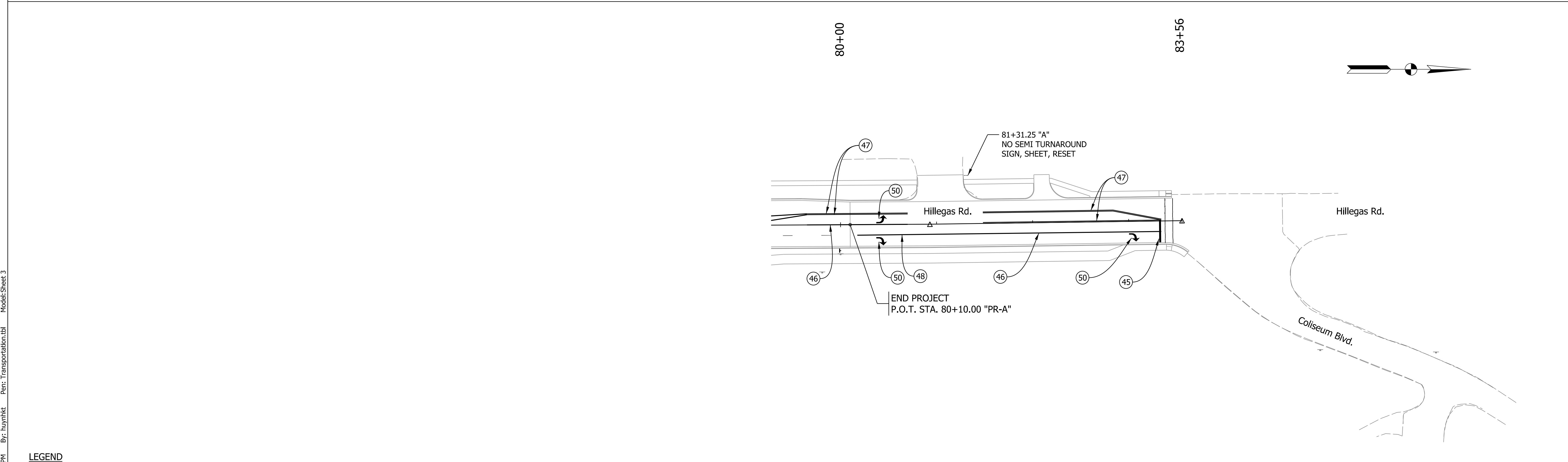
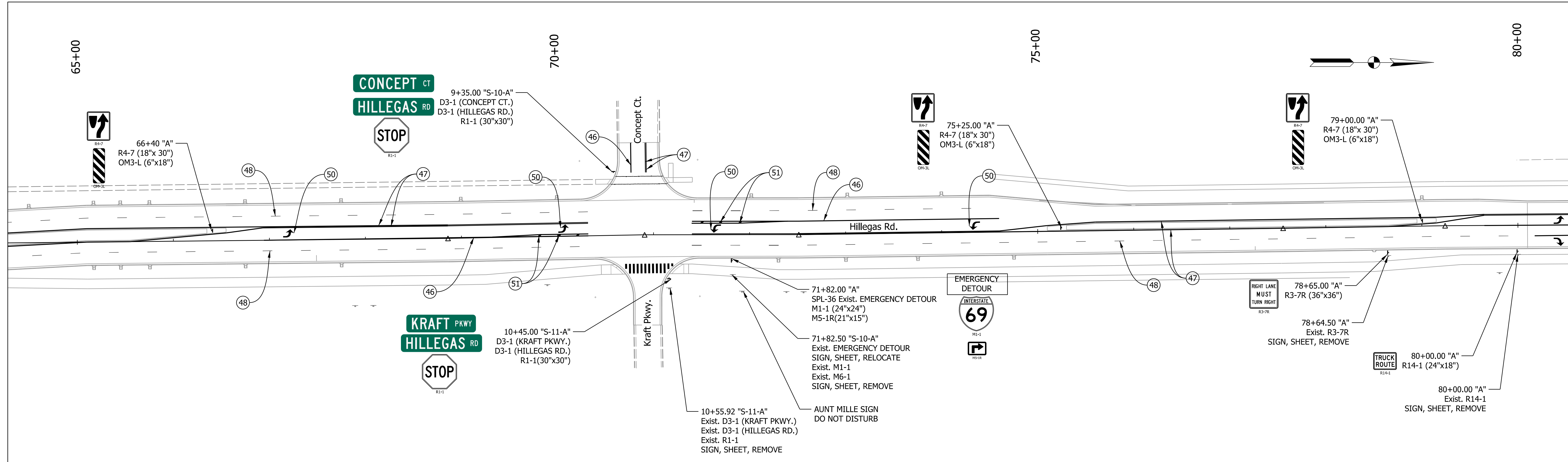
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

PAVEMENT MARKINGS
AND SIGNING


SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	70 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 12:47:00 PM By: huythkt Pen: Transportation.tbl Model: Sheet 2



LEGEND

(45) TRANSVERSE MARKINGS, MULTI-COMPONENT, STOP LINE, 24 IN	(50) PAVEMENT MESSAGE MARKING, MUTL-COMPONENT, LANE INDICATION ARROW
(46) LINE, MULTI-COMPONENT, SOLID, WHITE, 4 IN	(51) TRANVERSE MARKINGS, MULTI-COMPONENT, SOLID, CROSSHATCH, WHITE, 12 IN @ 20' O.C.
(47) LINE, MULTI-COMPONENT, SOLID, YELLOW, 4 IN	
(48) LINE, MULTI-COMPONENT, BROKEN, WHITE, 4 IN	
(49) LINE, MULTI-COMPONENT, BROKEN, YELLOW, 4 IN	



gai consultants

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA

PAVEMENT MARKINGS AND SIGNING

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	71 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc3/10/2023 12:47:05 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 3
 Z:\Infra\2019\191224.00 - FTW Hillegas Rd Col to S(CAD)\BCAD\Production Drawings\191224.00 - Pavement Markings.dgn

SHEET SIGN & POST SUMMARY

PLAN SHEET NO. / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	GROUND - MOUNTED SIGN AREA (ft ²)			SIGN, SHEET, RESET EACH	SIGN, SHEET, REMOVE EACH	SIGN, SHEET, RELOCATE EACH	POST SQUARE				
				0.080"	0.100"	0.125"				2" X 2" - 12 GA. (TYPE 2) REINFORCED ANCHOR			2 1/4" X 2 1/4" - 12 GA. (TYPE 1) REINFORCED ANCHOR	
										POST LENGTH (FT.)			POST LENGTH (FT.)	
				1	2	TOTAL				1	TOTAL			
105	28+97.50	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	30+89.50	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	32+77.54	R4-7	Exist.					1						
		OM3-L	Exist.					1						
	32+20.00	Animal Care & Control	Exist.						1					
		Animal Care & Control												
	33+88.00	R6-1R	Exist.						1					
		R6-1R	36 x 12		3.00								8.5	8.5
	34+61.00	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
106	35+88.00	R4-7	Exist.						1					
		OM3-L	Exist.						1					
	35+88.00	D3-1 (Butler Rd)	Exist.							1				
		D3-1 (Butler Rd)	36 x 9		2.25									Mounted on Signal Span
	35+86.50	R3-5 (L)	Exist.							1				
		R10-12	Exist.							1				
	35+98.00	R3-5 (L)	30 x 36	7.50										Mounted on Signal Span
		R10-Y5a	30 x 36	7.50										Mounted on Signal Span
	36+15.00	D3-1 (Hillegas Rd)	Exist.							1				
		D3-1 (Hillegas Rd)	36 x 9		2.25									
	36+42.00	R3-5 (L)	30 x 36	7.50										Mounted on Signal Span
		R10-Y5a	30 x 36	7.50										Mounted on Signal Span
	36+44.00	R3-5 (L)	Exist.							1				
	36+45.00	R3-5 (L)	Exist.							1				
	36+46.00	R3-5 (L)	30 x 36	7.50										Mounted on Signal Span
		R10-Y5a	30 x 36	7.50										Mounted on Signal Span
	36+78.00	D3-1 (Hillegas Rd)	Exist.							1				
		D3-1 (Hillegas Rd)	36 x 9		2.25									Mounted on Signal Span
	36+88.00	D3-1 (Butler Rd)	Exist.							1				
		D3-1 (Butler Rd)	36 x 9		2.25									Mounted on Signal Span
	36+93.00	R3-5 (L)	30 x 36	7.50										Mounted on Signal Span
		R10-Y5a	30 x 36	7.50										Mounted on Signal Span
	37+11.00	R3-5 (L)	Exist.							1				
		R10-12	Exist.							1				
	36+19.00	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
TOTAL THIS SHEET				78.00	12.00	0.00	1	15	0			0.0		42.5

Plc:3/10/2023 12:47:29 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 2



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
 INDIANA
 SIGN SUMMARY TABLE
 PROJECT 1

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	73 of 159
CONTRACT	PROJECT
R-42163	1901705

SHEET SIGN & POST SUMMARY

PLAN SHEET NO. / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	GROUND - MOUNTED SIGN AREA (ft ²)			SIGN, SHEET, RESET EACH	SIGN, SHEET, REMOVE EACH	SIGN, SHEET, RELOCATE EACH	POST SQUARE					
				0.080"	0.100"	0.125"				2" X 2" - 12 GA. (TYPE 2) REINFORCED ANCHOR			2 1/4" X 2 1/4" - 12 GA. (TYPE 1) REINFORCED ANCHOR		
										POST LENGTH (FT.)			POST LENGTH (FT.)		
										1	2	TOTAL	1	TOTAL	
				106	38+67.50	R2-1 (45)				Exist.					
38+67.00	R2-1 (45)	30 x 36	7.50					1					10.5	10.5	
38+77.93	R2-1 (45)	Exist.						1					10.5	10.5	
38+78.00	R2-1 (45)	30 x 36	7.50										10.5	10.5	
39+50.00	R14-1	24 x 18	3.00										11.0	11.0	
39+50.50	Animal Care & Control	Exist.													
	R14-1	Exist.						1							
39+50.50	Animal Care & Control	Exist.								1					
	R14-1	Exist.													
39+63.50	R14-1	Exist.							1						
39+64.00	R14-1	24 x 18	3.00									9.0	9.0		
40+40	R4-7	18 x 30	3.75									8.5	8.5		
	OM3-L	6 x 18	0.75												
105	S-2-A														
	8+60.00	R2-1 (30)	24 x 30	5.00									12.0	12.0	
	8+61.00	R5-2	28 x 24	4.67											
		R2-1 (30)	Exist.					1							
	8+61.00	R5-2	Exist.						1						
		Address Sign	Exist.					1							
	S-3-A														
	9+45.00	D3-1 (Irene Ct)	36 x 9		2.25								11.5	11.5	
		D3-1 (Hillegas Rd)	36 x 9		2.25										
	9+55.25	R1-1	30 x 30	6.25											
D3-1 (Irene Ct)		Exist.						1							
D3-1 (Hillegas Rd)		Exist.						1							
9+55.25	R1-1	Exist.						1							
	S-4-A														
10+33.66	D3-1 (Hillegas Rd)	Exist.						1							
	D3-1 (Washington Ct)	Exist.						1							
10+45.00	R1-1	Exist.						1							
	D3-1 (Hillegas Rd)	36 x 9		2.25								11.5	11.5		
	D3-1 (Washington Ct)	36 x 9		2.25											
10+45.00	R1-1	30 x 30	6.25												
	10+62.00	W14-2	30 x 30	6.25								10.0	10.0		
10+62.43	W14-2	Exist.						1							
TOTAL THIS SHEET				53.92	9.00	0.00	1	13	1			0.0	94.5		

Plc:3/10/2023 12:47:48 PM By: huythkt Pen: Transportation.tbl Model:Sheet 3

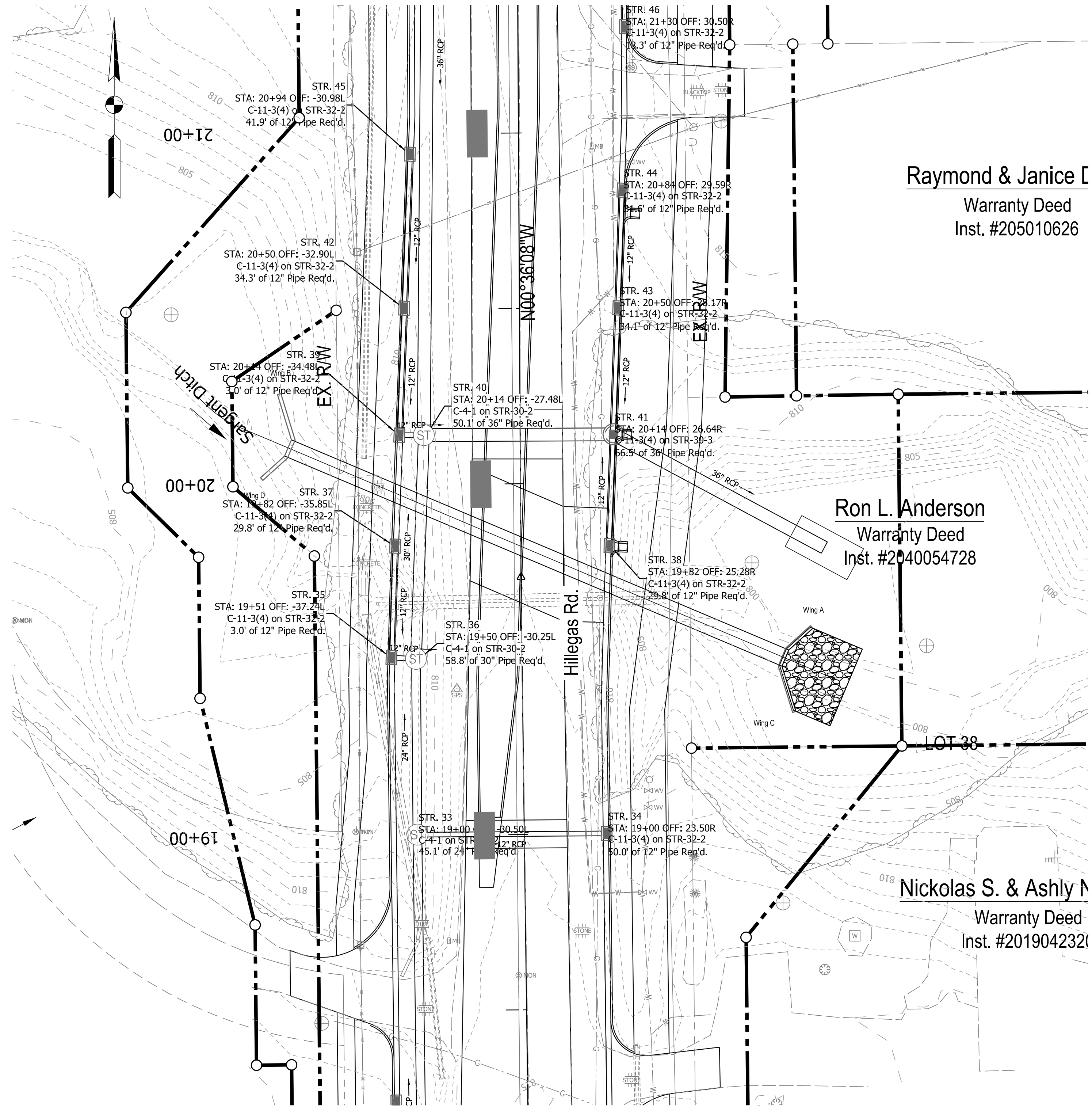


RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
 INDIANA

SIGN SUMMARY TABLE
 PROJECT 1

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	74 of 159
CONTRACT	PROJECT
R-42163	1901705



NOTE TO REVIEWER
 DETAILS TO BE COMPLETED AT STAGE 3

Plot: 3/10/2023 12:48:51 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 1

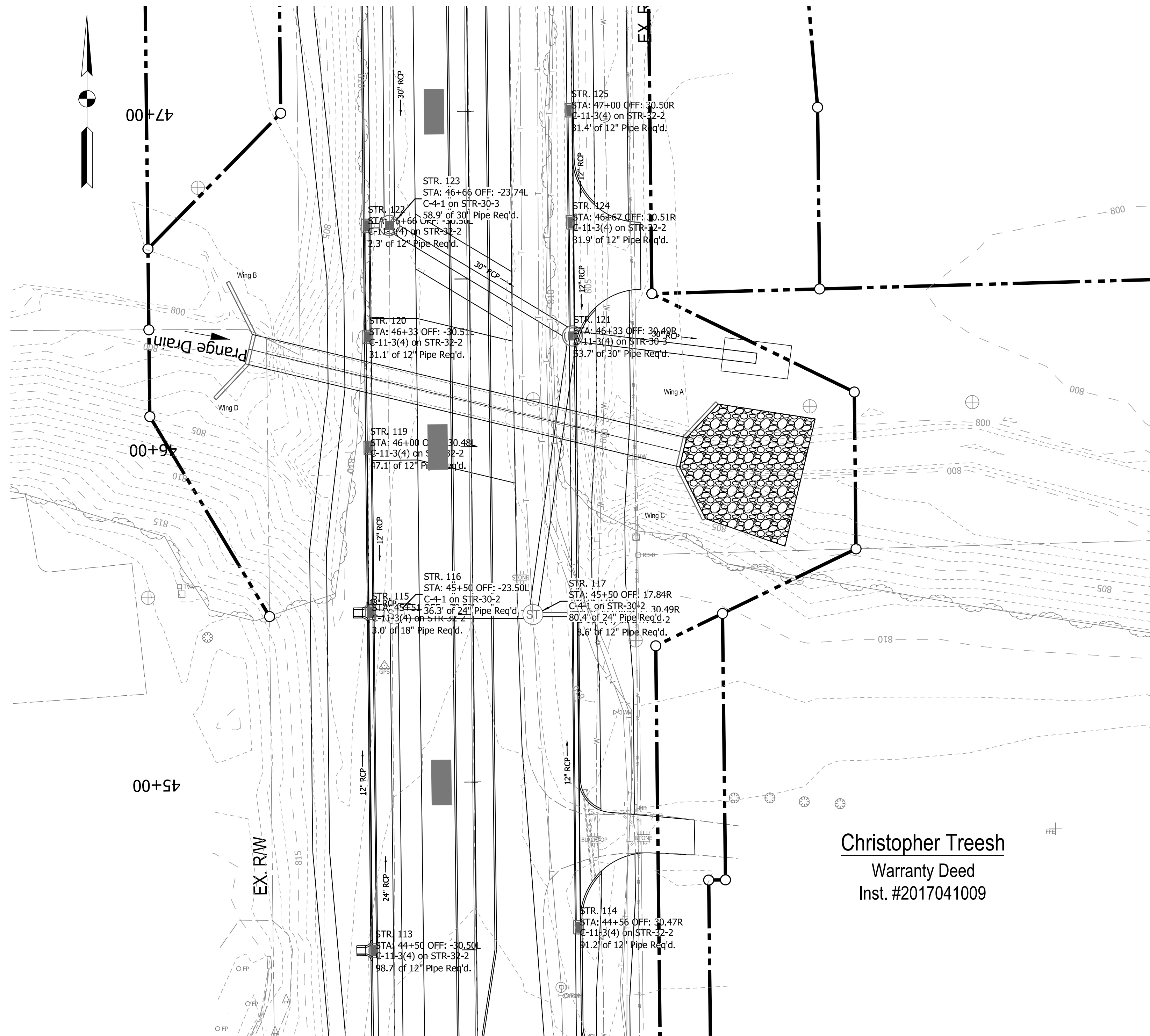


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA	
DRAINAGE CONSTRUCTION DETAIL SARGENT DITCH	

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 76 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 12:48:56 PM By: huynhkt Per: Transportation.tbl Model: Sheet 2



Christopher Treesh
 Warranty Deed
 Inst. #2017041009

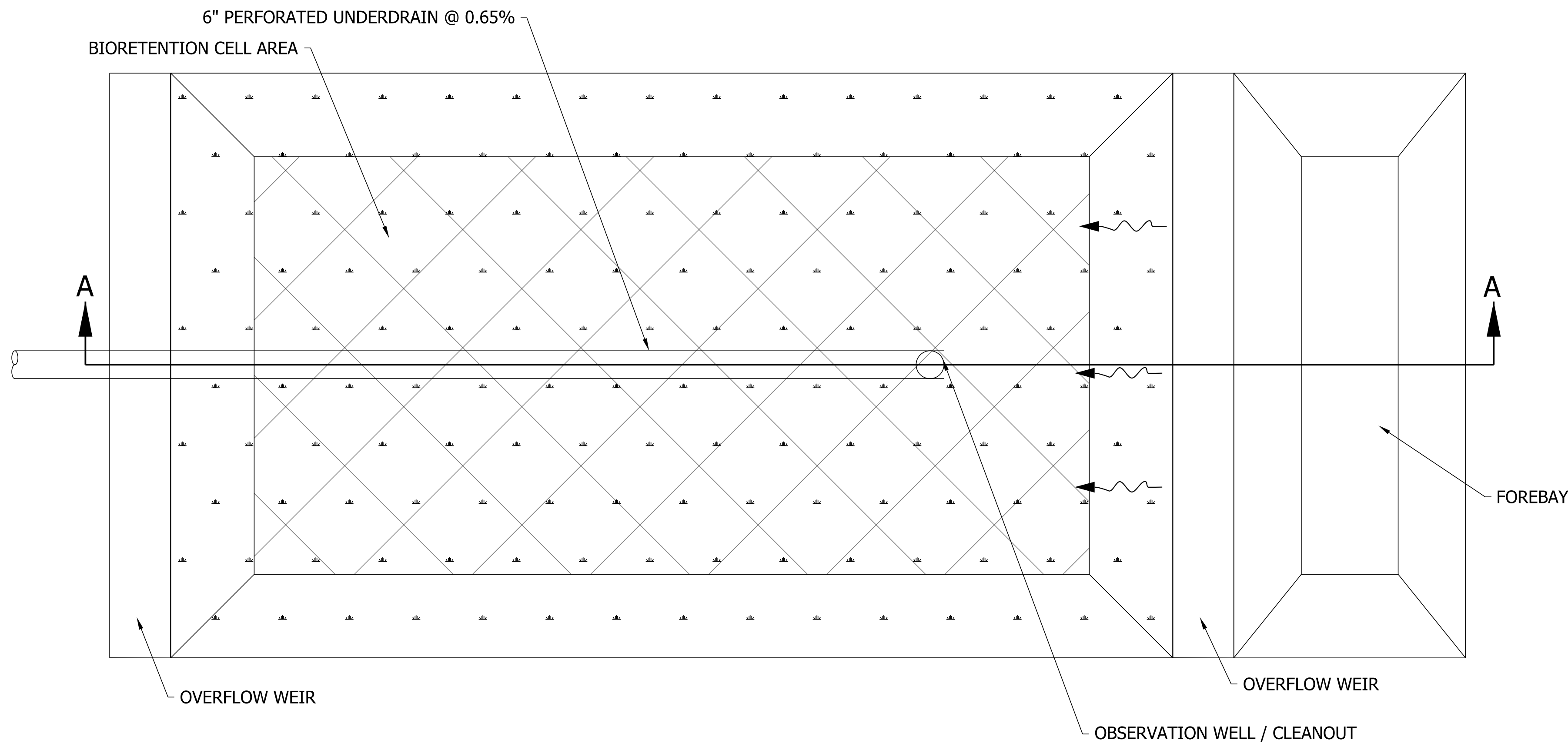
NOTE TO REVIEWER
 DETAILS TO BE COMPLETED AT STAGE 3



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA	
DRAINAGE CONSTRUCTION DETAIL SARGENT DITCH	

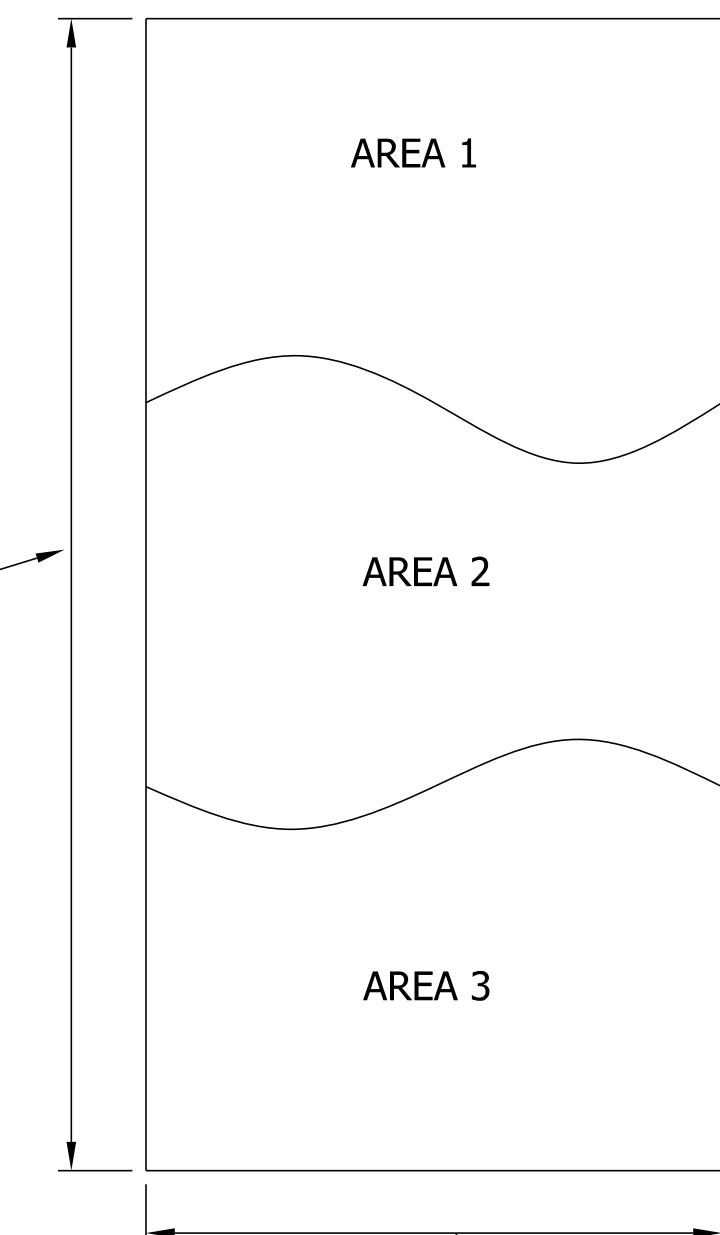
SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	77 of 159
CONTRACT	PROJECT
R-42163	1901705



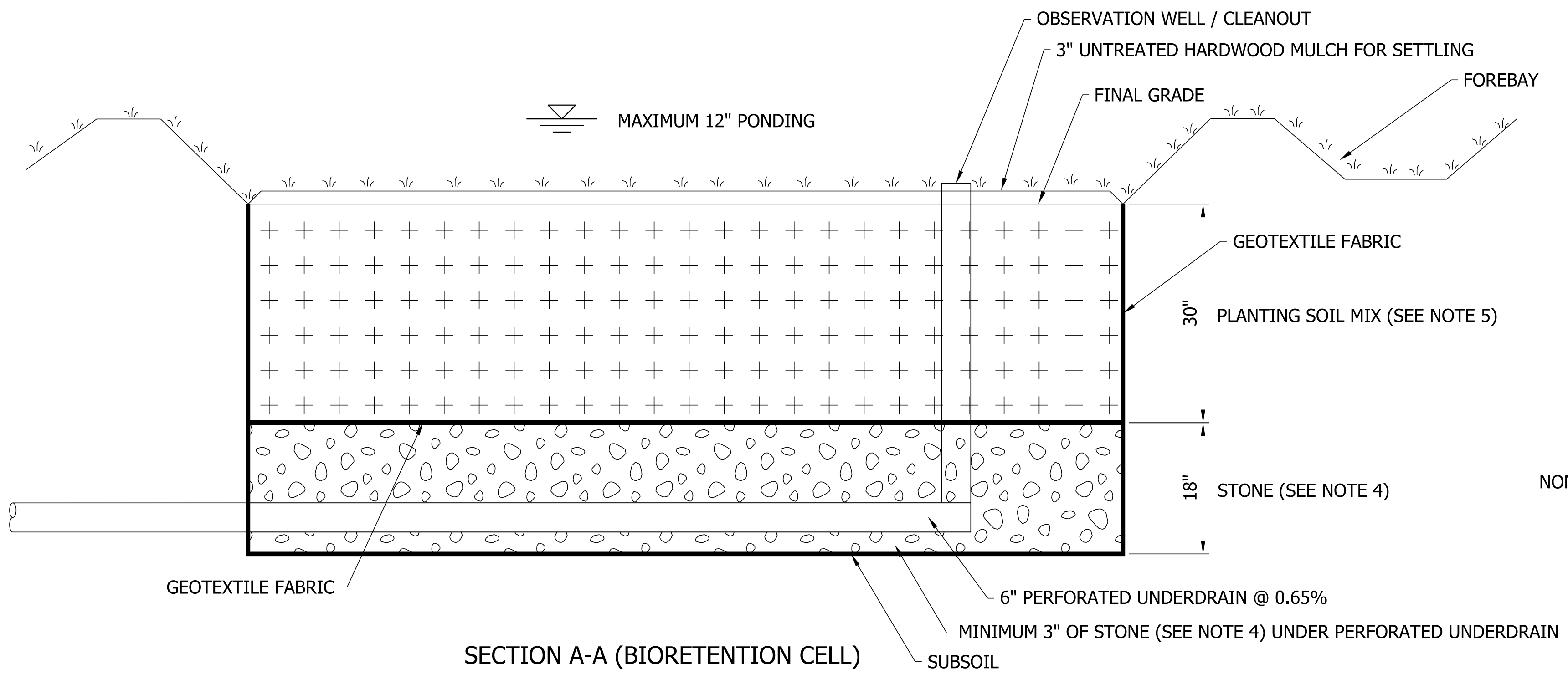
PLAN VIEW BIORETENTION CELL IN OPEN AREA WITH LEVEL SURFACE
NOT TO SCALE

- NOTES
- DO NOT APPLY FERTILIZER OR LIME TO THE BIORETENTION CELL AREA.
 - SCARIFY THE SUBSOIL 3" MINIMUM BEFORE INSTALLATION OF AGGREGATE INTO BIORETENTION CELL.
 - CONSTRUCT BIORETENTION CELLS WITH VERTICAL SIDES UNLESS OTHERWISE SPECIFIED.
 - STONE SHALL BE UNIFORMLY GRADED, CRUSHED, AND WASHED STONE MEETING SPECIFICATIONS OF AASHTO No. 3 OR No. 5.
 - PLACE PLANTING SOIL MIX IN 8-INCH LIFTS. MIX TO BE 50-60% SAND, 20-30% TOPSOIL, 20-30% ORGANIC LEAF COMPOST. INFILTRATION RATE RANGE 2-3 IN/HR.
 - PLACE NONWOVEN GEOTEXTILE ALONG BOTTOM AND SIDES OF TRENCH. NONWOVEN GEOTEXTILE ROLLS SHOULD OVERLAP BY A MINIMUM OF 16 INCHES WITHIN THE TRENCH. FOLD BACK AND SECURE EXCESS GEOTEXTILE DURING STONE PLACEMENT.

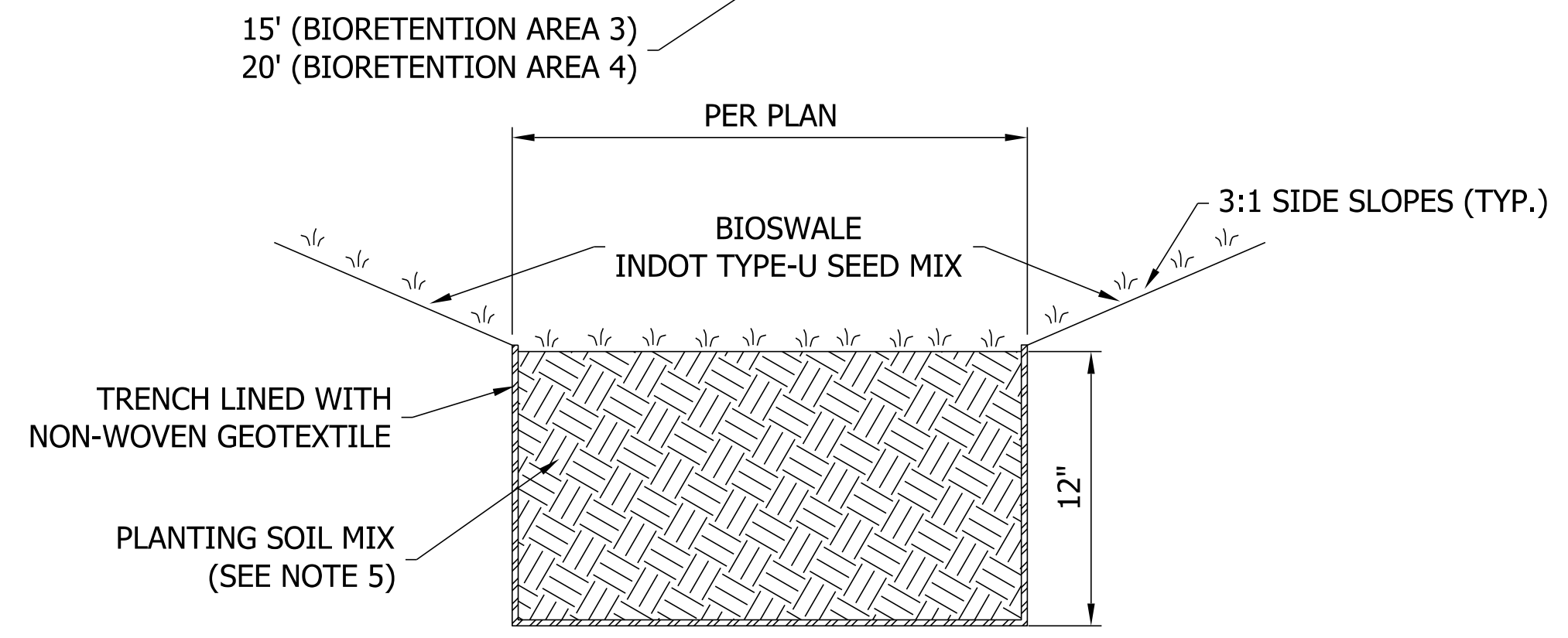
Bioretention Area Plantings Table									
Area	Common Name	Latin Name	Bloom Time	Bloom Color	Height	Width	Spacing	Quantity	
								Bioretention Area 1	Bioretention Area 2
Area 1	Marsh Blazing Star	<i>Liatris spicata</i>	July - Aug	Purple	3-5 ft	.5 ft	1.5	77	137
Area 2	Grass-leaved Goldenrod	<i>Solidago graminifolia</i>	Sept - Oct	Yellow	3-4 ft	1-2 ft	2	43	77
Area 3	New England Aster	<i>Aster novae-angliae</i>	Sept - Oct	Purple	1-3 ft	1-3 ft	3	19	34



- NOTES
- PLANT BIORETENTION AREAS USING TRIANGULAR SPACING.



SECTION A-A (BIORETENTION CELL)
NOT TO SCALE



BIOSWALE - CROSS SECTION
NOT TO SCALE

NOTE TO REVIEWER
DETAILS TO BE COMPLETED AT STAGE 3

Plc:3/10/2023 12:48:59 PM By: huythk Pen: Transportation.tbl Model: Sheet 3



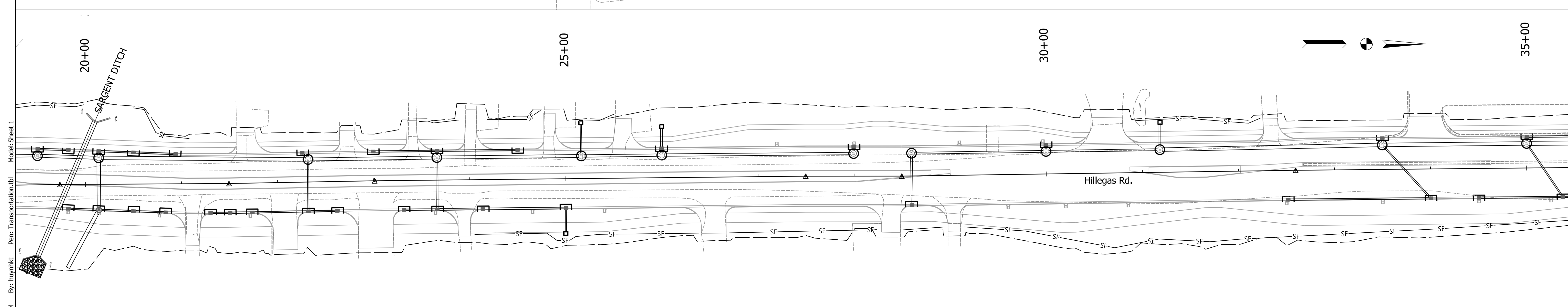
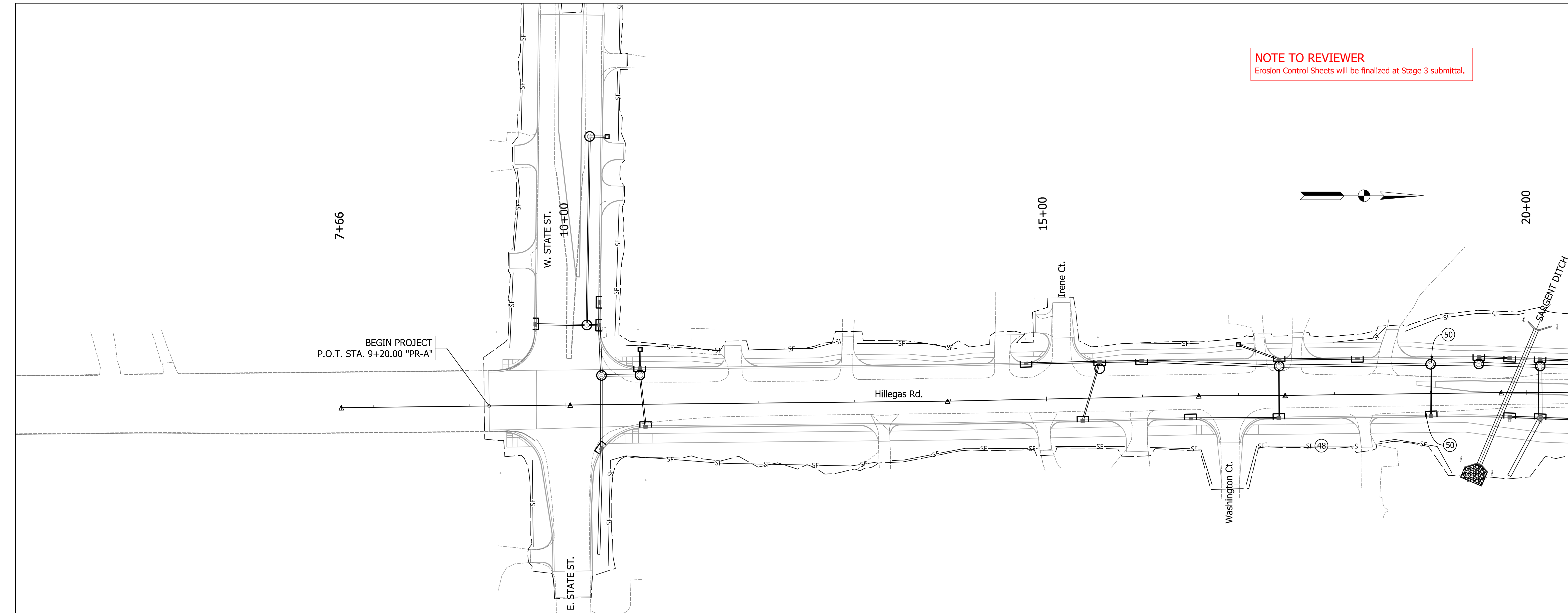
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

DRAINAGE CONSTRUCTION DETAIL

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 78 of 159
CONTRACT R-42163	PROJECT 1901705

NOTE TO REVIEWER
Erosion Control Sheets will be finalized at Stage 3 submittal.



- LEGEND**
- & ◻ Temporary Inlet Protection, Filter Sock
 - ◻ Temporary Curb Inlet Protection
 - Temporary Silt Fence



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

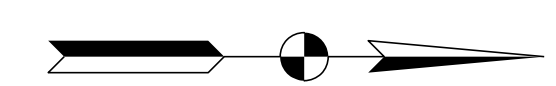
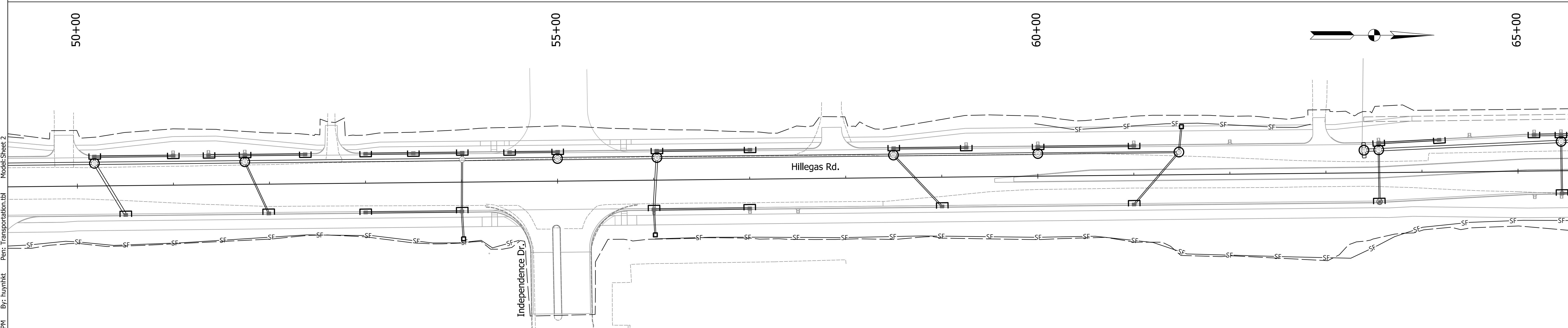
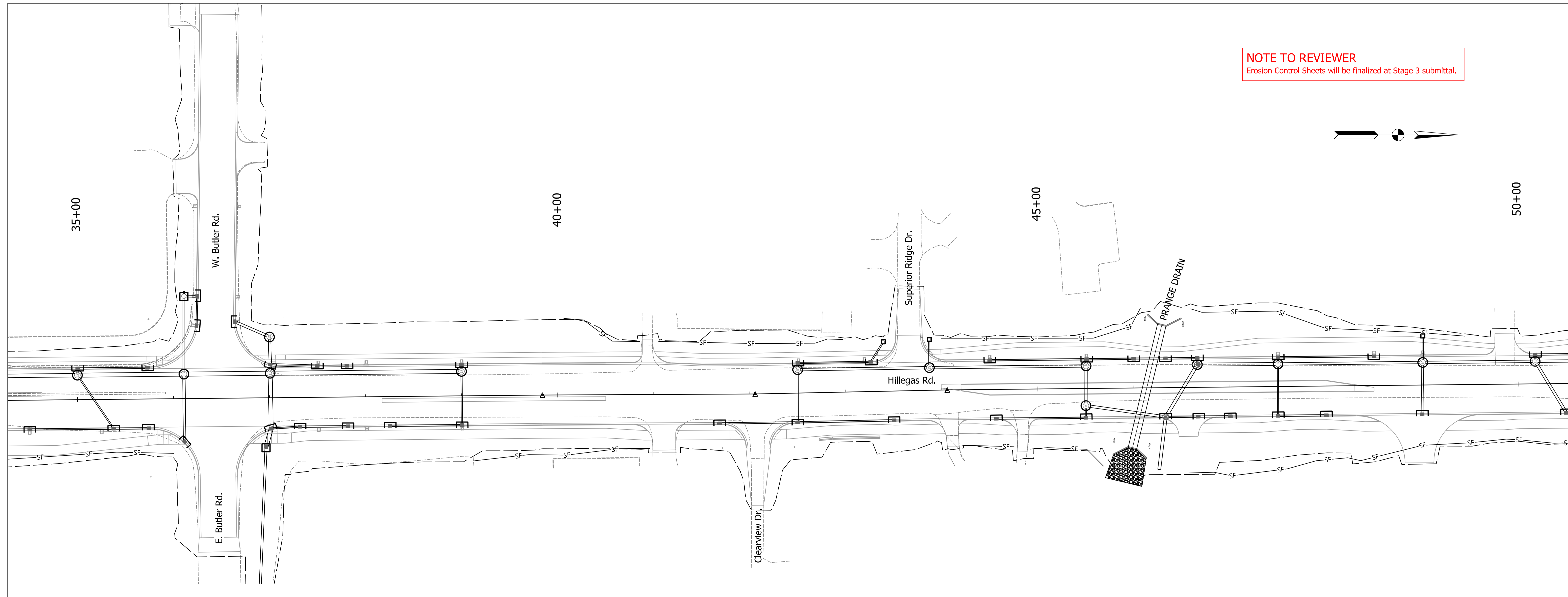
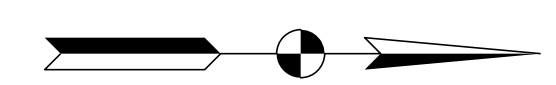
CITY OF FORT WAYNE
INDIANA

TEMPORARY EROSION CONTROL

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 79 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 12:49:11 PM By: huyntkt Pen: Transportation.tbl Model: Sheet 1

NOTE TO REVIEWER
Erosion Control Sheets will be finalized at Stage 3 submittal.



- LEGEND**
- & ○ Temporary Inlet Protection, Filter Sock
 - Temporary Curb Inlet Protection
 - - - - - Temporary Silt Fence



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

TEMPORARY EROSION CONTROL

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 80 of 159
CONTRACT R-42163	PROJECT 1901705

Model: Sheet 2
 Pen: Transportation.tbl
 By: huynhkt
 12:49:13 PM
 Plot: 3/10/2023

TEMPORARY EROSION CONTROL TABLE

LINE	LOCATION			TEMPORARY SLOPE DRAIN LFT	TEMPORARY FILTER BERM LFT	TEMPORARY SILT FENCE LFT	TEMPORARY INLET PROTECTION, FILTER SOCK EACH	TEMPORARY CURB INLET PROTECTION EACH	TEMPORARY CHECK DAM, REVETMENT RIPAP TON	TEMPORARY CHECK DAM, TRAVERSABLE LFT	EROSION CONTROL BLANKET SYS	TEMPORARY SEEDING LBS	RIPRAP REVETMENT TON	REMARKS	
	STATION	LEFT	MEDIAN												RIGHT
PR-A	10+37	X					1								
	10+37			X				1							
	10+77	X					1	1							
	10+78	X					1								
	10+83			X					1						
	14+80	X							1						
	15+37			X					1						
	15+56	X						1	1						
	16+00	X							1						
	16+83			X					1						
	17+00	X						1							
	17+42	X						1	1						
	17+42			X					1						
	18+24	X							1						
	19+00	X						1							
	19+00			X					1						
	19+50	X						1							
	19+51	X							1						
	19+82	X							1						
	19+82			X					1						
	20+14	X						1	1						
	20+14			X					1						
	20+50	X							1						
	20+50			X					1						
	20+84			X					1						
	20+94	X							1						
	21+30			X					1						
	21+50			X					1						
	21+73			X					1						
	22+26	X							1						
	22+32	X						1							
	22+32			X					1						
	22+62			X					1						
23+00	X							1							
23+31			X					1							
23+66	X						1	1							
23+66			X					1							
24+13			X					1							
24+50	X						1								
24+99			X				1								
25+00			X					1							
25+16	X						2								
26+00	X						2	1							
28+00	X						1	1							
28+67			X					1							
28+69	X						1								
30+00	X						1	1							
31+19	X						2								
32+83			X					1							
33+50	X						1	1							
TOTAL THIS SHEET							23.00	39.00							

P:\c3\10\2023_12\49\43 PI By: huynhtk Per: Transportation.tbl Model: Sheet 5

NOTE TO REVIEWER
Erosion Control Sheets will be finalized at Stage 3 submittal.

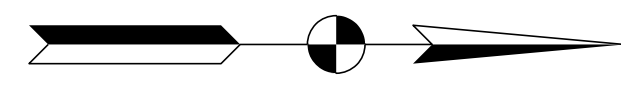
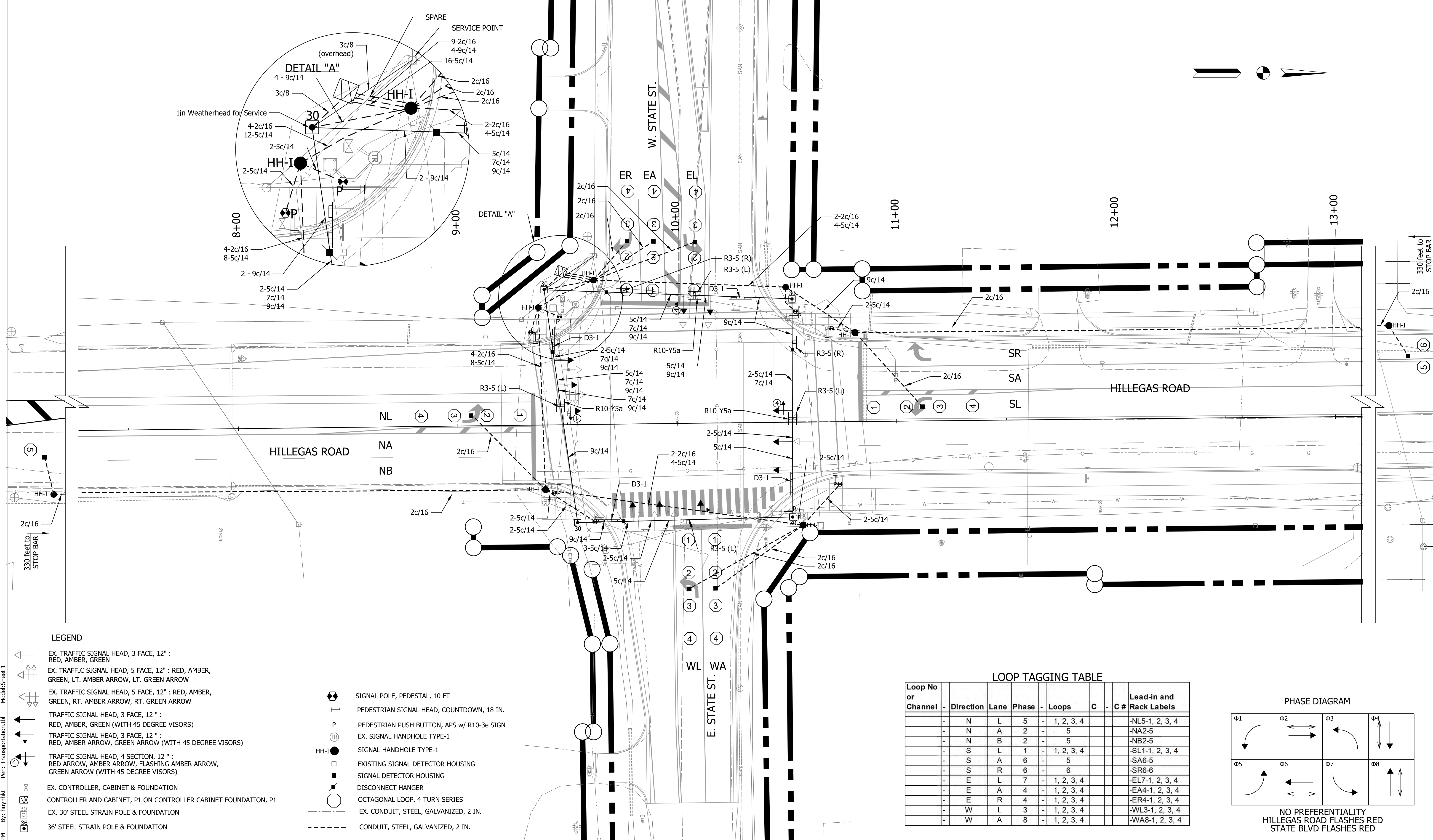


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

TEMPORARY EROSION CONTROL

SCALE N/A	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 82 of 159
CONTRACT R-42163	PROJECT 1901705



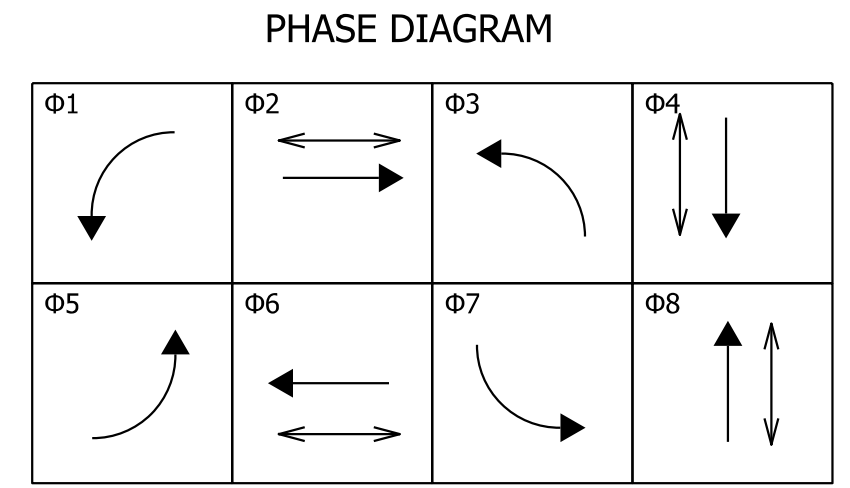
LEGEND

- EX. TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN
- EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, LT. AMBER ARROW, LT. GREEN ARROW
- EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, RT. AMBER ARROW, RT. GREEN ARROW
- TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN (WITH 45 DEGREE VISORS)
- TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
- TRAFFIC SIGNAL HEAD, 4 SECTION, 12" : RED ARROW, AMBER ARROW, FLASHING AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
- EX. CONTROLLER, CABINET & FOUNDATION
- CONTROLLER AND CABINET, P1 ON CONTROLLER CABINET FOUNDATION, P1
- EX. 30' STEEL STRAIN POLE & FOUNDATION
- 36' STEEL STRAIN POLE & FOUNDATION

- SIGNAL POLE, PEDESTAL, 10 FT
- PEDESTRIAN SIGNAL HEAD, COUNTDOWN, 18 IN.
- PEDESTRIAN PUSH BUTTON, APS w/ R10-3e SIGN
- EX. SIGNAL HANDHOLE TYPE-1
- SIGNAL HANDHOLE TYPE-1
- EXISTING SIGNAL DETECTOR HOUSING
- SIGNAL DETECTOR HOUSING
- DISCONNECT HANGER
- OCTAGONAL LOOP, 4 TURN SERIES
- EX. CONDUIT, STEEL, GALVANIZED, 2 IN.
- CONDUIT, STEEL, GALVANIZED, 2 IN.

LOOP TAGGING TABLE

Loop No or Channel	Direction	Lane	Phase	Loops	C	C #	Lead-in and Rack Labels
-	N	L	5	- 1, 2, 3, 4			-NL5-1, 2, 3, 4
-	N	A	2	- 5			-NA2-5
-	N	B	2	- 5			-NB2-5
-	S	L	1	- 1, 2, 3, 4			-SL1-1, 2, 3, 4
-	S	A	6	- 5			-SA6-5
-	S	R	6	- 6			-SR6-6
-	E	L	7	- 1, 2, 3, 4			-EL7-1, 2, 3, 4
-	E	A	4	- 1, 2, 3, 4			-EA4-1, 2, 3, 4
-	E	R	4	- 1, 2, 3, 4			-ER4-1, 2, 3, 4
-	W	L	3	- 1, 2, 3, 4			-WL3-1, 2, 3, 4
-	W	A	8	- 1, 2, 3, 4			-WA8-1, 2, 3, 4



NO PREFERENTIALITY
HILLEGAS ROAD FLASHES RED
STATE BLVD FLASHES RED

Plc3/10/2023 12:50:22 PM By: huythkt Per: Transportation.tbl Model: Sheet 1



RECOMMENDED FOR APPROVAL _____
DESIGNED: ARW DRAWN: KTH/MWM
CHECKED: MJS CHECKED: MJS/ARW

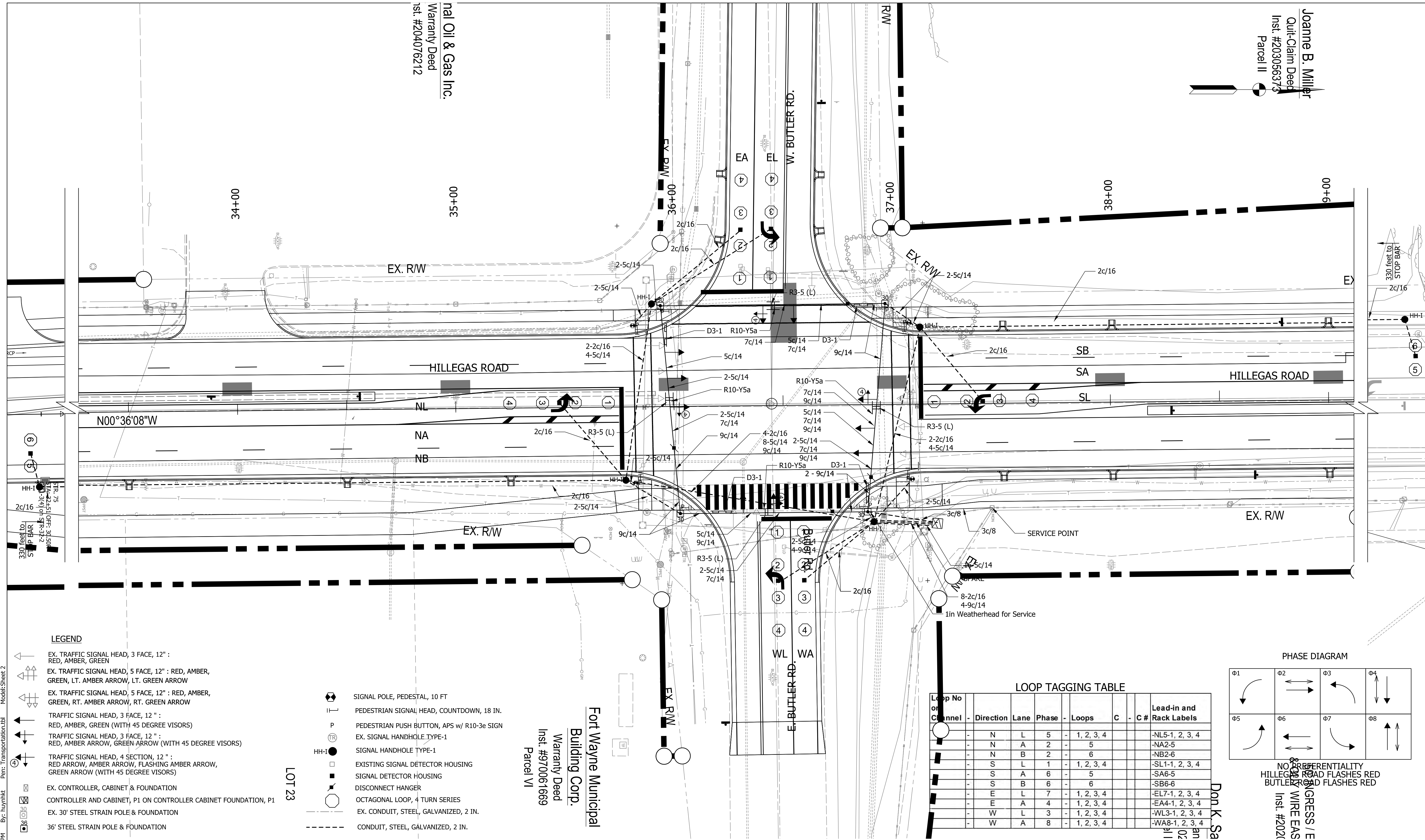
CITY OF FORT WAYNE INDIANA
SIGNALIZATION DETAILS
HILLEGAS RD. AND STATE ST.

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 83 of 159
CONTRACT R-42163	PROJECT 1901705

Joanne B. Miller
Quit-Claim Deed
Inst. #203056373
Parcel II

nal Oil & Gas Inc.
Warranty Deed
Inst. #204076212

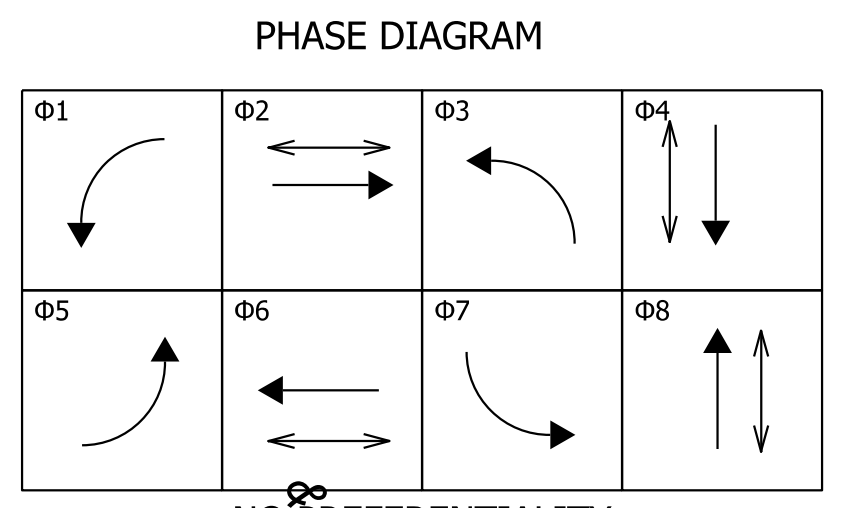
Fort Wayne Municipal
Building Corp.
Warranty Deed
Inst. #970061669
Parcel VI



- LEGEND**
- EX. TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN
 - EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, LT. AMBER ARROW, LT. GREEN ARROW
 - EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, RT. AMBER ARROW, RT. GREEN ARROW
 - TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN (WITH 45 DEGREE VISORS)
 - TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
 - TRAFFIC SIGNAL HEAD, 4 SECTION, 12" : RED ARROW, AMBER ARROW, FLASHING AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
 - EX. CONTROLLER, CABINET & FOUNDATION
 - CONTROLLER AND CABINET, P1 ON CONTROLLER CABINET FOUNDATION, P1
 - EX. 30' STEEL STRAIN POLE & FOUNDATION
 - 36' STEEL STRAIN POLE & FOUNDATION
 - SIGNAL POLE, PEDESTAL, 10 FT
 - PEDESTRIAN SIGNAL HEAD, COUNTDOWN, 18 IN.
 - PEDESTRIAN PUSH BUTTON, APS w/ R10-3e SIGN
 - EX. SIGNAL HANDHOLE TYPE-1
 - SIGNAL HANDHOLE TYPE-1
 - EXISTING SIGNAL DETECTOR HOUSING
 - SIGNAL DETECTOR HOUSING
 - DISCONNECT HANGER
 - OCTAGONAL LOOP, 4 TURN SERIES
 - EX. CONDUIT, STEEL, GALVANIZED, 2 IN.
 - CONDUIT, STEEL, GALVANIZED, 2 IN.

LOOP TAGGING TABLE

Loop No or Channel	Direction	Lane	Phase	Loops	C	C #	Lead-in and Rack Labels
1	N	L	5	1, 2, 3, 4			-NL5-1, 2, 3, 4
2	N	A	2	5			-NA2-5
3	N	B	2	6			-NB2-6
4	S	L	1	1, 2, 3, 4			-SL1-1, 2, 3, 4
5	S	A	6	5			-SA6-5
6	S	B	6	6			-SB6-6
7	E	L	7	1, 2, 3, 4			-EL7-1, 2, 3, 4
8	E	A	4	1, 2, 3, 4			-EA4-1, 2, 3, 4
9	W	L	3	1, 2, 3, 4			-WL3-1, 2, 3, 4
10	W	A	8	1, 2, 3, 4			-WA8-1, 2, 3, 4



NO DIFFERENTIALITY
HILLEGAS ROAD FLASHES RED
BUTLER ROAD FLASHES RED
CROSS / E
WIRE EAS
Inst. #2021

RECOMMENDED FOR APPROVAL _____

DESIGN ENGINEER _____ DATE _____

DESIGNED: ARW DRAWN: KTH/MWM

CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE INDIANA

SIGNALIZATION DETAILS
HILLEGAS RD. AND BUTLER RD.

SCALE
1" = 20'

BRIDGE FILE

DESIGNATION
1901705

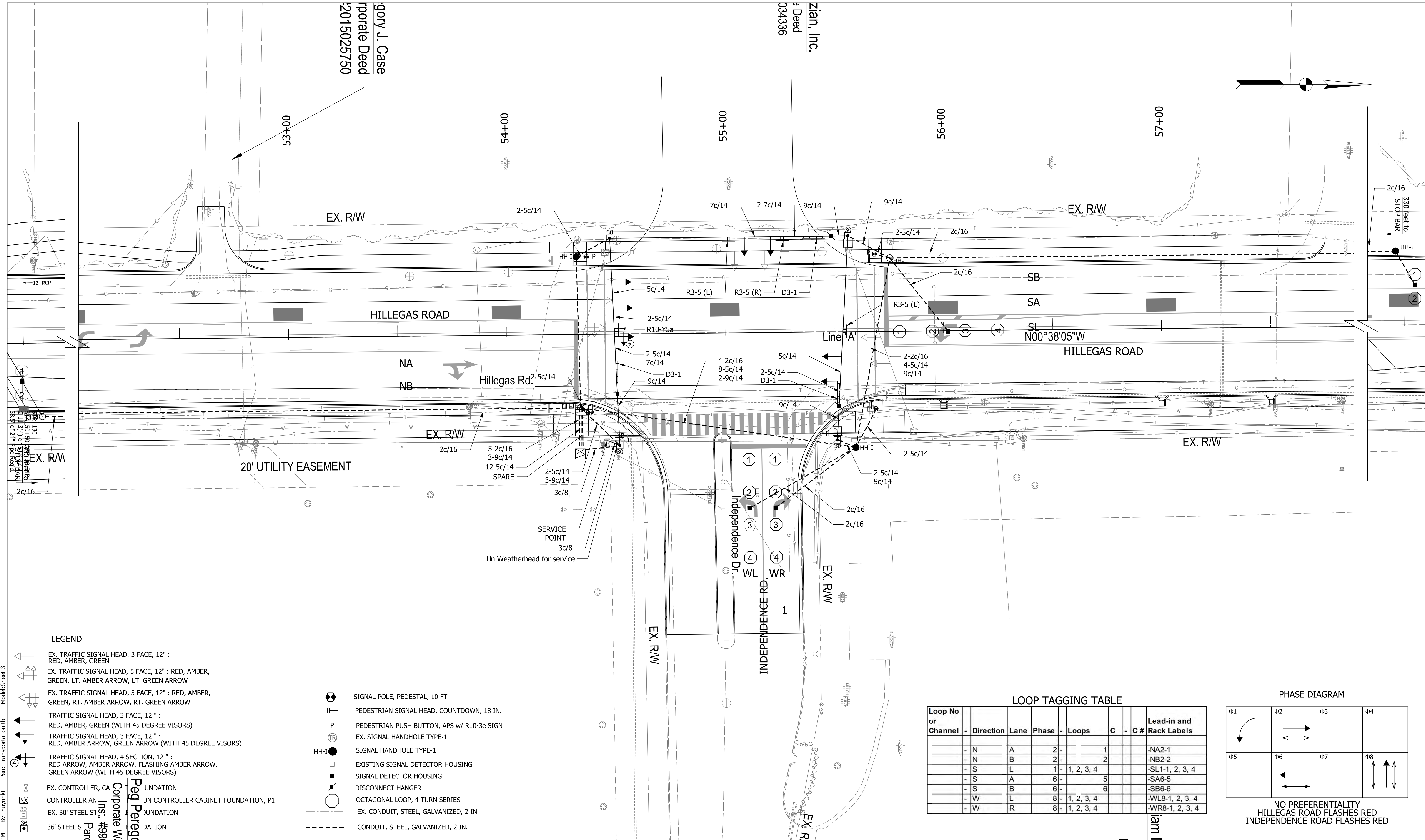
SURVEY BOOK

SHEETS
84 of 159

CONTRACT
R-42163

PROJECT
1901705

Plot: 3/10/2023 12:50:34 PM By: huyntk Model: Sheet 2 Per: Transportation.tbl

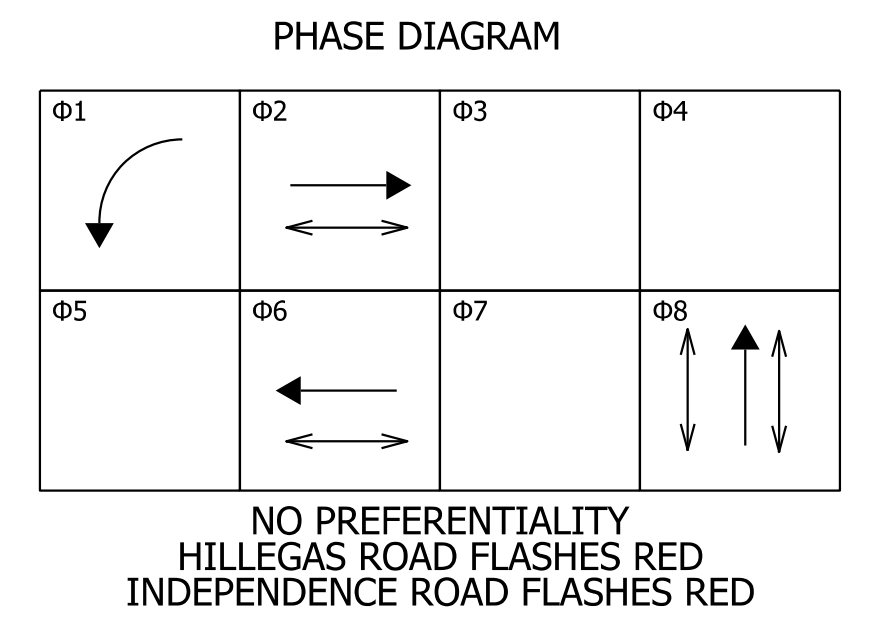


Model: Sheet 3
 Pen: Transportation.tbl
 By: huythk
 12:50:37 PM
 3/10/2023
 Z:\Infra\2019\191224.00 - FTW Hillegas Rd Col to St(CAD)\BCAD\Production Drawings\191224.00 - Traffic Signals.dgn

- LEGEND**
- EX. TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN
 - EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, LT. AMBER ARROW, LT. GREEN ARROW
 - EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, RT. AMBER ARROW, RT. GREEN ARROW
 - TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN (WITH 45 DEGREE VISORS)
 - TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
 - TRAFFIC SIGNAL HEAD, 4 SECTION, 12" : RED ARROW, AMBER ARROW, FLASHING AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
 - EX. CONTROLLER, CA
 - CONTROLLER CABINET FOUNDATION, P1
 - EX. 30' STEEL STRUCTURE FOUNDATION
 - 36' STEEL STRUCTURE FOUNDATION
 - SIGNAL POLE, PEDESTAL, 10 FT
 - PEDESTRIAN SIGNAL HEAD, COUNTDOWN, 18 IN.
 - PEDESTRIAN PUSH BUTTON, APS w/ R10-3e SIGN
 - EX. SIGNAL HANDHOLE TYPE-1
 - SIGNAL HANDHOLE TYPE-1
 - EXISTING SIGNAL DETECTOR HOUSING
 - SIGNAL DETECTOR HOUSING
 - DISCONNECT HANGER
 - OCTAGONAL LOOP, 4 TURN SERIES
 - EX. CONDUIT, STEEL, GALVANIZED, 2 IN.
 - CONDUIT, STEEL, GALVANIZED, 2 IN.

LOOP TAGGING TABLE

Loop No or Channel	Direction	Lane	Phase	Loops	C	C #	Lead-in and Rack Labels
- N	A	2	-	1			-NA2-1
- N	B	2	-	2			-NB2-2
- S	L	1	1, 2, 3, 4				-SL1-1, 2, 3, 4
- S	A	6	-	5			-SA6-5
- S	B	6	-	6			-SB6-6
- W	L	8	1, 2, 3, 4				-WL8-1, 2, 3, 4
- W	R	8	1, 2, 3, 4				-WR8-1, 2, 3, 4

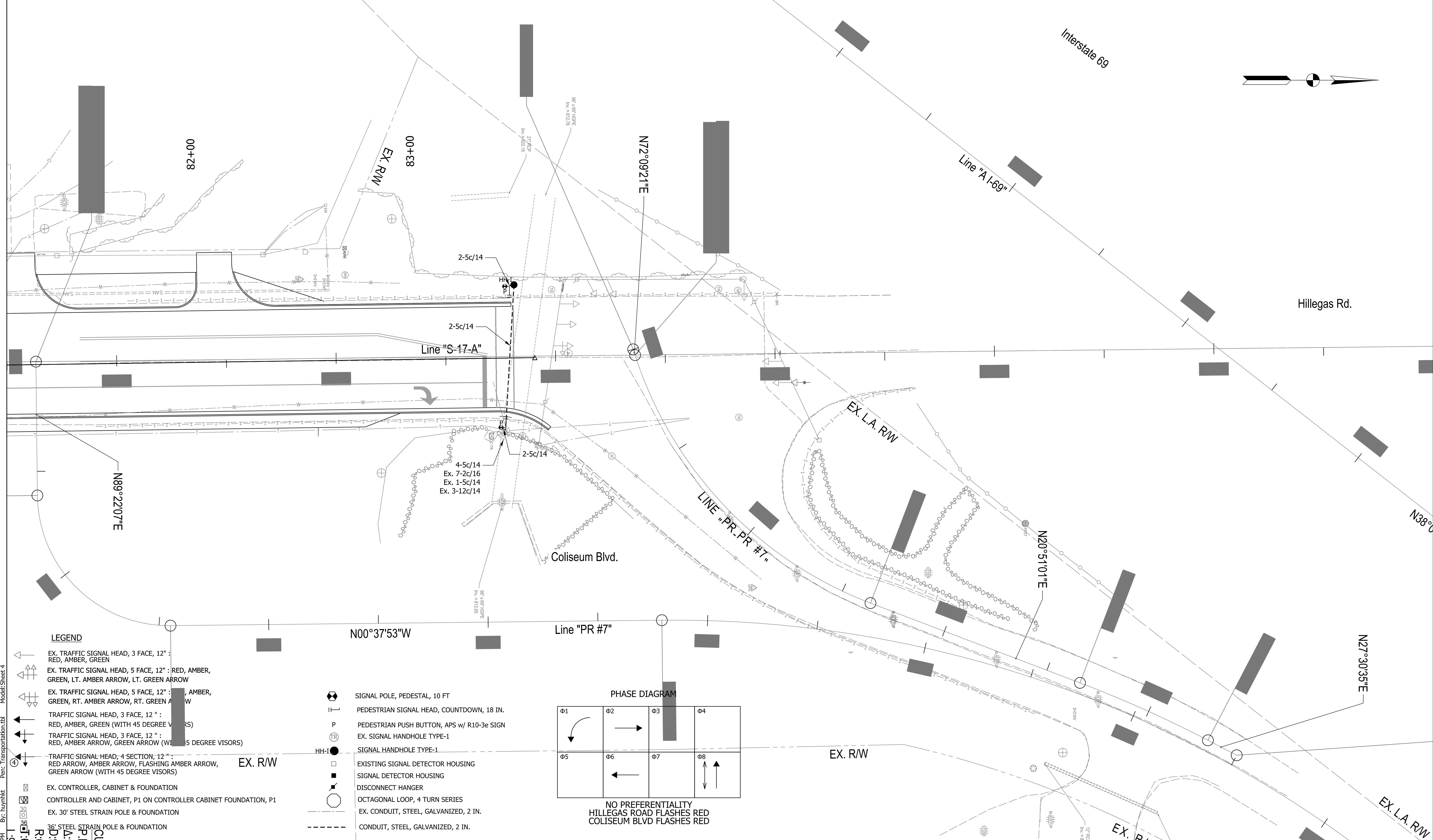


RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

SIGNALIZATION DETAILS
HILLEGAS RD. AND INDEPENDENCE DR.

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 85 of 159
CONTRACT R-42163	PROJECT 1901705

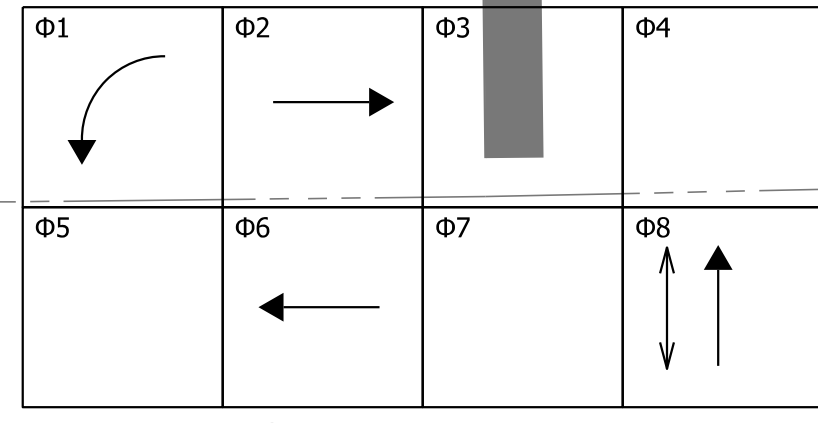


LEGEND

- ↑ EX. TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN
- ↑↑ EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, LT. AMBER ARROW, LT. GREEN ARROW
- ↑↑↑ EX. TRAFFIC SIGNAL HEAD, 5 FACE, 12" : RED, AMBER, GREEN, RT. AMBER ARROW, RT. GREEN ARROW
- ↑↑↑↑ TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN (WITH 45 DEGREE VISORS)
- ↑↑↑↑↑ TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
- ↑↑↑↑↑↑ TRAFFIC SIGNAL HEAD, 4 SECTION, 12" : RED ARROW, AMBER ARROW, FLASHING AMBER ARROW, GREEN ARROW (WITH 45 DEGREE VISORS)
- EX. CONTROLLER, CABINET & FOUNDATION
- CONTROLLER AND CABINET, P1 ON CONTROLLER CABINET FOUNDATION, P1
- EX. 30' STEEL STRAIN POLE & FOUNDATION
- 36' STEEL STRAIN POLE & FOUNDATION

- ⊙ SIGNAL POLE, PEDESTAL, 10 FT
- ⊥ PEDESTRIAN SIGNAL HEAD, COUNTDOWN, 18 IN.
- P PEDESTRIAN PUSH BUTTON, APS w/ R10-3e SIGN
- ⊕ EX. SIGNAL HANDHOLE TYPE-1
- ⊖ EX. SIGNAL HANDHOLE TYPE-1
- EXISTING SIGNAL DETECTOR HOUSING
- SIGNAL DETECTOR HOUSING
- DISCONNECT HANGER
- OCTAGONAL LOOP, 4 TURN SERIES
- EX. CONDUIT, STEEL, GALVANIZED, 2 IN.
- CONDUIT, STEEL, GALVANIZED, 2 IN.

PHASE DIAGRAM



NO PREFERENTIALITY
HILLEGAS ROAD FLASHES RED
COLISEUM BLVD FLASHES RED

Plot3/10/2023 12:50:47 PM By: huythkt Model:Sheet.tbl Per: Transportation.tbl

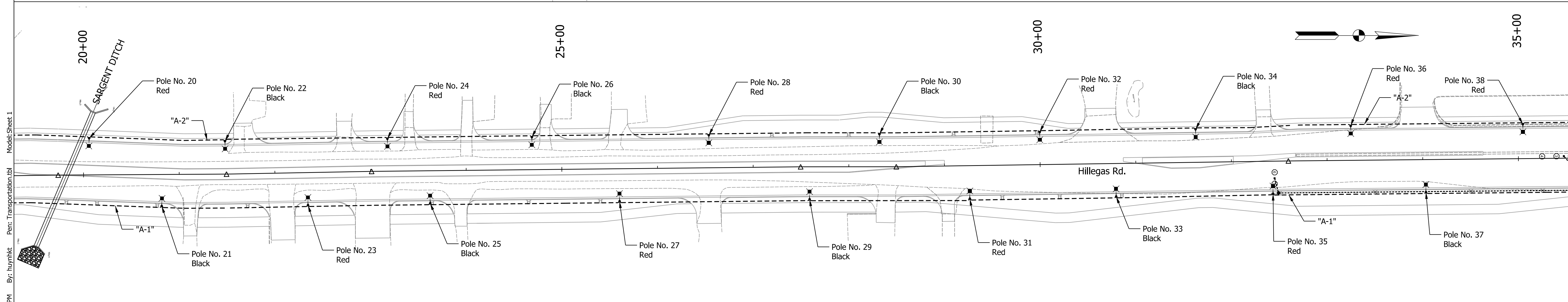
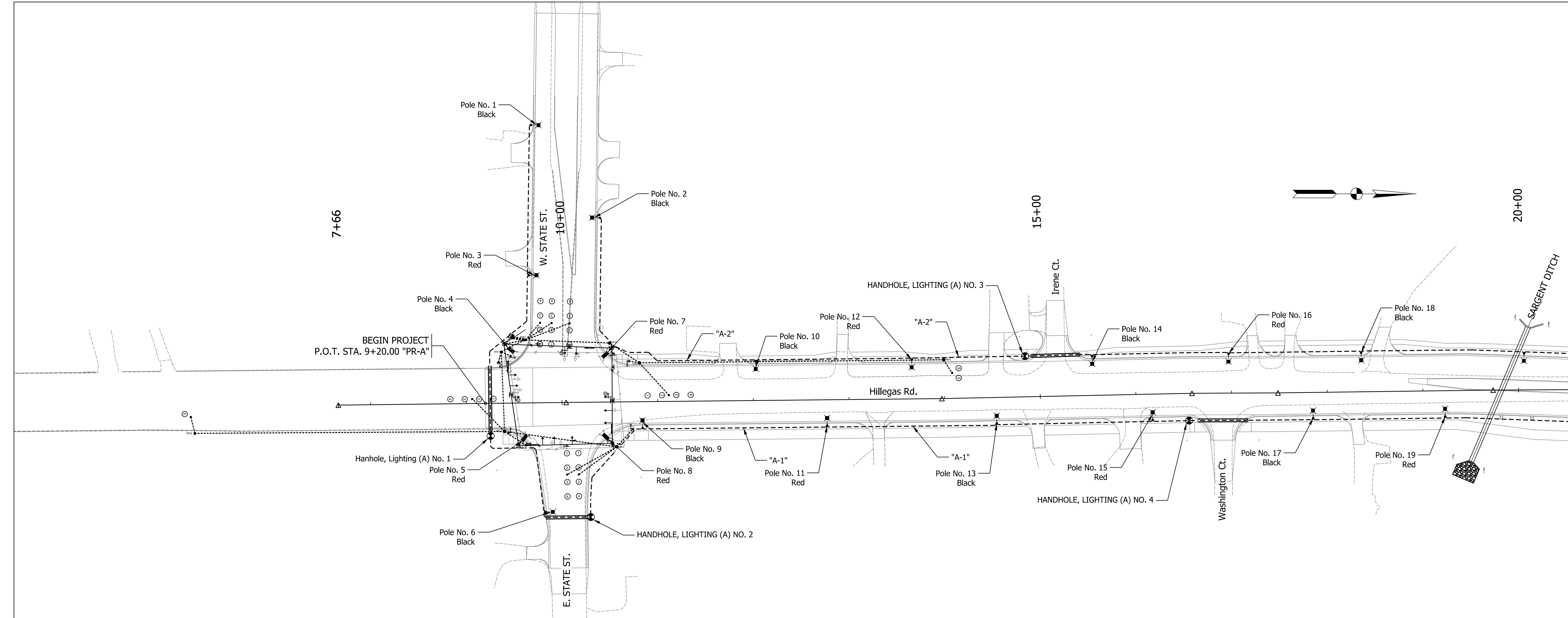


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

**CITY OF FORT WAYNE
INDIANA**

**SIGNALIZATION DETAILS
HILLEGAS RD. AND INDEPENDENCE DR.**

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 86 of 159
CONTRACT R-42163	PROJECT 1901705



LEGEND

- LUMINAIRE ORNAMENTAL on LIGHT POLE ORNAMENTAL on LIGHTING FOUNDATION, CONCRETE, WITH GROUNDING, 24 IN. x 24 IN. x 96 IN.
- LUMINAIRE ORNAMENTAL (Leotek GreenCobra) w/6 foot arm on PROPOSED SIGNAL POLE (See Signal Plans)
- HANDHOLE, LIGHTING (CONNECTION TYPE)
- SERVICE POINT, II
- WIRE, NO. 4 COPPER, IN PLASTIC DUCT, 4 1/C IN CONDUIT, STEEL, GALVANIZED, 2 IN.
- WIRE, NO. 4 COPPER, IN PLASTIC DUCT, 4 1/C

gai consultants

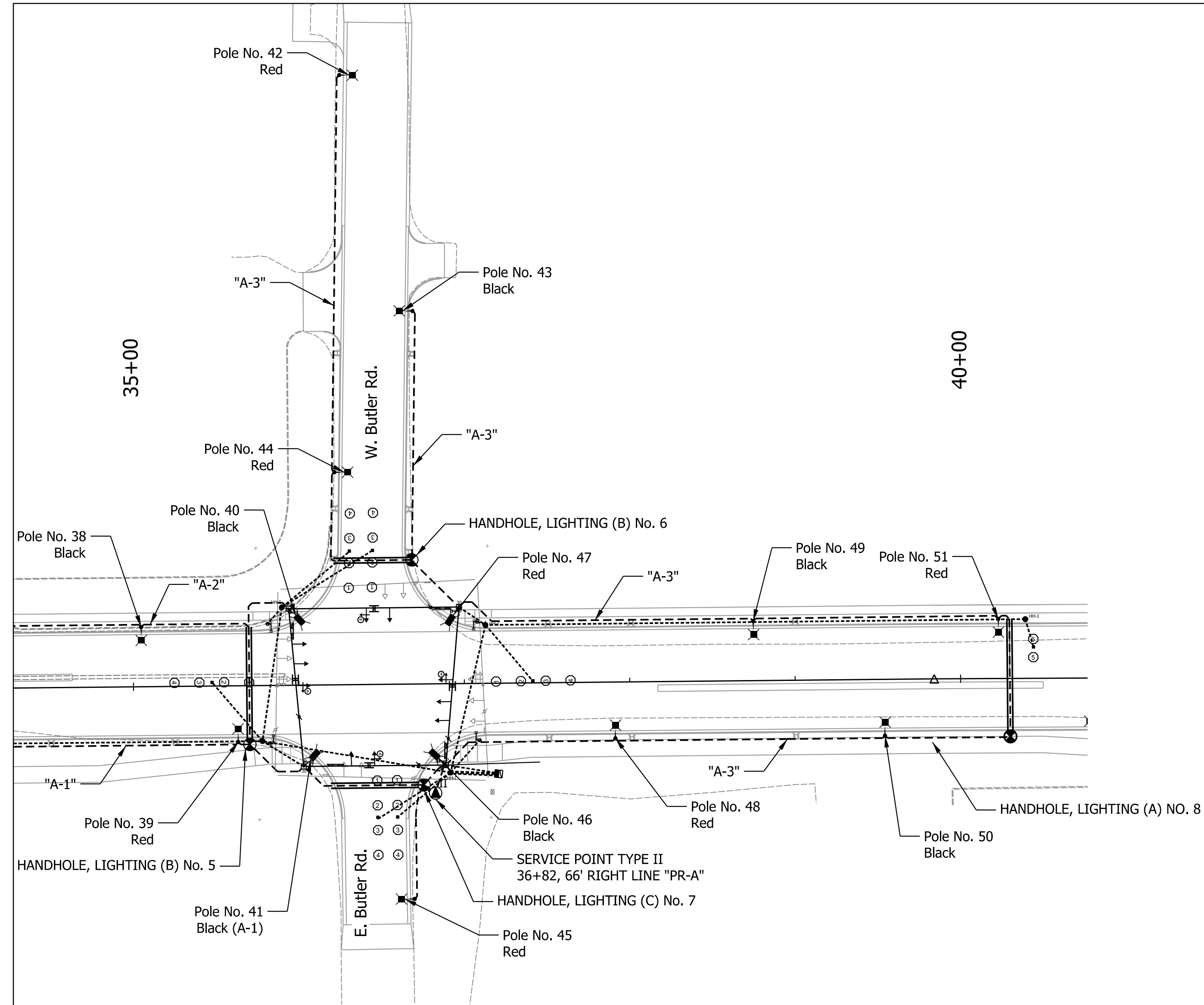
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

**CITY OF FORT WAYNE
INDIANA**

LIGHTING PLAN

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 87 of 159
CONTRACT R-42163	PROJECT 1901705

Plc3/10/2023 12:50:57 PM By: huythkt Pen: Transportation.tbl Model: Sheet 1



LIGHT POLES					
ID NUMBER	STATION	LINE	OFFSET	SIDE	Pole
1	7+11.00	S-2-A	53.0	RT.	30'
2	8+07.00	S-2-A	-20.5	LT.	30'
3	8+68.00	S-2-A	53.0	RT.	30'
4	9+40.01	PR-A	-61.6	LT.	35' Signal
5	9+54.09	PR-A	44.7	RT.	35' Signal
6	11+14.00	S-1-A	18.9	RT.	30'
7	10+52.88	PR-A	-56.3	LT.	35' Signal
8	10+52.22	PR-A	43.1	RT.	35' Signal
9	10+84.00	PR-A	27.0	RT.	30'
10	12+03.00	PR-A	-41.0	LT.	30'
11	12+77.00	PR-A	27.0	RT.	30'
12	13+66.00	PR-A	-41.0	LT.	30'
13	14+54.00	PR-A	27.0	RT.	30'
14	15+55.00	PR-A	-41.0	LT.	30'
15	16+17.00	PR-A	27.0	RT.	30'
16	16+97.00	PR-A	-41.0	LT.	30'
17	17+85.00	PR-A	27.0	RT.	30'
18	18+36.00	PR-A	-41.0	LT.	30'
19	19+23.00	PR-A	28.6	RT.	30'
20	20+06.00	PR-A	-35.7	LT.	30'
21	20+81.00	PR-A	34.0	RT.	30'
22	21+48.00	PR-A	-34.0	LT.	30'
23	22+34.00	PR-A	34.0	RT.	30'
24	23+18.00	PR-A	-34.0	LT.	30'
25	23+62.00	PR-A	34.0	RT.	30'
26	24+69.00	PR-A	-34.0	LT.	30'
27	25+60.00	PR-A	34.0	RT.	30'
28	26+54.00	PR-A	-34.0	LT.	30'
29	28+59.00	PR-A	34.0	RT.	30'
30	28+32.00	PR-A	-34.0	LT.	30'
31	29+26.00	PR-A	34.0	RT.	30'
32	30+00.00	PR-A	-34.0	LT.	30'
33	30+79.00	PR-A	34.0	RT.	30'
34	31+63.00	PR-A	-35.7	LT.	30'
35	32+43.00	PR-A	34.0	RT.	30'
36	33+25.00	PR-A	-36.0	LT.	30'
37	34+03.00	PR-A	34.0	RT.	30'
38	35+05.00	PR-A	-36.0	LT.	30'
39	35+63.00	PR-A	34.0	RT.	30'
40	35+94.20	PR-A	-46.3	LT.	35' Signal
41	36+02.37	PR-A	49.2	RT.	35' Signal
42	6+32.00	S-5-A	23.0	RT.	30'
43	7+74.00	S-5-A	-23.0	LT.	30'
44	8+72.00	S-5-A	23.0	RT.	30'
45	11+30.00	S-6-A	-23.0	LT.	30'
46	36+88.35	PR-A	49.2	RT.	35' Signal
47	36+97.15	PR-A	-46.2	LT.	35' Signal
48	37+91.00	PR-A	34.0	RT.	30'
49	38+75.00	PR-A	-36.0	LT.	30'
50	39+54.00	PR-A	34.0	RT.	30'
51	40+23.00	PR-A	-36.0	LT.	30'

HANDHOLES					
TYPE	ID NUMBER	STATION	LINE	OFFSET	SIDE
A	1	9+25.00	PR-A	34.0	RT.
A	2	11+30.00	S-1-A	28.5	LT.
A	3	14+85.00	PR-A	42.5	LT.
A	4	16+55.00	PR-A	28.5	RT.
B	5	35+20.00	PR-A	35.5	RT.
B	6	36+69.00	PR-A	75.0	LT.
C	7	36+75.00	PR-A	61.0	RT.
A	8	39+80.00	PR-A	35.5	RT.

SERVICE POINT DATA								
SERVICE POINT DATA	TYPE	MAIN BREAKER	BRANCH CIRCUIT	COMPUTED AMPERAGE		BRANCH CIRCUIT BREAKER	VOLTAGE DROP	
				RED	BLACK		RED	BLACK
A	II	200 AMP	A-1	2.66	2.21	30 AMP	0.291%	0.319%
			A-2	3.10	2.66	30 AMP	0.288%	0.311%
			A-3	1.33	1.33	30 AMP	0.053%	0.117%

Plc3/10/2023 12:51:01 PM By: huynhkt Pen: Transportation.tbl Model: Sheet 2

LEGEND

- LUMINAIRE ORNAMENTAL on LIGHT POLE ORNAMENTAL on LIGHTING FOUNDATION, CONCRETE, WITH GROUNDING, 24 IN. x 24 IN. x 96 IN.
- LUMINAIRE ORNAMENTAL (Leotek GreenCobra) w/6 foot arm on PROPOSED SIGNAL POLE (See Signal Plans)
- HANDHOLE, LIGHTING (CONNECTION TYPE)
- SERVICE POINT, II
- WIRE, NO. 4 COPPER, IN PLASTIC DUCT, 4 1/C IN CONDUIT, STEEL, GALVANIZED, 2 IN.
- WIRE, NO. 4 COPPER, IN PLASTIC DUCT, 4 1/C

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

LIGHTING PLANS

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 88 of 159
CONTRACT R-42163	PROJECT 1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	BACKFILL TYPE	STRUCTURE BACKFILL, TYPE 1	COMPACTED EARTH BACKFILL	REVETMENT RIPRAP	GEOTEXTILE FOR RIP RAP TYPE 1B	FLOWABLE BACKFILL, REM.	HMA for STRUCTURE INSTALLATION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS					
	STATION	LEFT	RIGHT						CROSS	UP STREAM												DOWN STREAM	ELEV.	ELEV.	YR.	TYPE				SLOPE	EA.	SLOPE	EA.	EA.
LINE "PR-A" Phase 1																																		
45	20+94.13	X			12	2	C-11-3(4) on STR-32-2	42.0	2.4	808.86	808.71	75	NA	7	1	2	10.4													42				
46	21+30.13		X		12	2	C-11-3(4) on STR-32-2	19.0	3.2	809.06	808.99	75	NA	7	1	2	6.5													47				
47	21+50.00		X		12	2	C-11-3(4) on STR-32-2	22.0	3.5	808.89	808.81	75	NA	7	1	2	8.5													48				
48	21+73.17		X		12	2	C-11-3(4) on STR-32-2	57.0	4.2	808.71	808.50	75	NA	7	1	2	26.7													51				
49	22+26.14	X			12	2	C-11-3(4) on STR-32-2	5.0	2.6	809.95	809.92	75	NA	7	1	2	1.3													50				
50	22+32.12	X			36	2	C-4-1 on STR-30-2	213.0	5.3	804.83	804.51	75	NA	7	1	2	321.4													40				
51	22+31.55		X		12	2	C-11-3(4) on STR-32-2	51.0	4.8	808.40	808.22	75	NA	7	1	2	28.5													50				
52	22+61.77		X		12	2	C-11-3(4) on STR-32-2	29.0	3.0	810.33	810.22	75	NA	7	1	2	9.1													51				
53	23+00.10	X			12	2	C-11-3(4) on STR-32-2	65.0	2.8	810.65	810.42	75	NA	7	1	2	19.0													55				
54	23+31.38		X		12	2	C-11-3(4) on STR-32-2	33.0	3.2	810.86	810.74	75	NA	7	1	2	11.5													57				
55	23+66.32	X			12	2	C-11-3(4) on STR-32-2	4.0	3.3	810.32	810.29	75	NA	7	1	2	1.4													56				
56	23+65.99	X			30	2	C-4-1 on STR-30-2	130.0	6.2	805.67	805.33	75	NA	7	1	2	189.6													50				
57	23+65.87		X		18	2	C-11-3(4) on STR-32-2	51.0	3.8	810.05	809.89	75	NA	7	1	2	26.9													56				
58	24+13.35		X		18	2	C-11-3(4) on STR-32-2	46.0	3.6	810.30	810.15	75	NA	7	1	2	23.1													57				
59	24+50.19	X			12	2	C-11-3(4) on STR-32-2	82.0	2.3	811.77	811.48	75	NA	7	1	2	18.7		#REF!	#REF!	#REF!									55				
60	24+99.87		X		18	2	C-11-3(4) on STR-32-2	85.0	3.9	810.66	810.40	75	NA	7	1	2	47.2		#REF!	#REF!	#REF!									58				
61	24+99.39		X		12	2	C-8-1 on STR-32-3	25.0	3.9	811.26	811.16	75	NA	7	1	2	11.0													60				
62	25+16.21	X			12	2	C-8-1 on STR-32-3	32.0	4.4	809.57	808.60	75	NA	7	1	2	15.9													63				
63	25+16.38	X			30	2	C-4-1 on STR-30-2	146.0	7.0	806.14	805.77	75	NA	7	1	2	242.1													56				
64	26+00.18	X			18	2	C-8-1 on STR-32-3	21.0	2.8	809.70	809.65	75	NA	7	1	2	8.0													65				
65	26+00.00	X			18	2	C-11-3(4) on STR-32-2	4.0	5.7	809.55	809.53	75	NA	7	1	2	3.3					4								66				
66	26+00.13	X			24	2	C-4-1 on STR-30-2	79.0	7.3	807.35	807.11	75	NA	7	1	2	109.9													63				
67	27+99.58	X			12	2	C-11-3(4) on STR-32-2	4.0	2.5	814.40	814.38	75	NA	7	1	2	1.0					4								68				
68	27+99.50	X			24	2	C-4-1 on STR-30-2	195.0	7.7	808.01	807.45	75	NA	7	1	2	288.9													66				
69	28+68.53	X			18	2	C-4-1 on STR-30-2	135.0	3.6	814.15	813.75	75	NA	7	1	2	68.2													72				
70	28+67.42		X		18	2	C-11-3(4) on STR-32-2	51.0	3.2	814.41	814.25	75	NA	7	1	2	22.7													69				
71	30+00.00	X			18	2	C-11-3(4) on STR-32-2	4.0	2.5	815.38	815.36	75	NA	7	1	2	1.4					4								72				
72	30+00.05	X			18	2	C-4-1 on STR-30-2	114.0	4.9	813.65	813.30	75	NA	7	1	2	80.9													74				
73	31+19.00	X			18	2	C-8-1 on STR-32-3	25.0	1.6	816.21	816.14	75	NA	7	1	2	5.1													74				
74	31+18.57	X			36	2	C-4-1 on STR-30-2	227.0	5.1	811.80	811.45	75	NA	7	1	2	332.6													77				
75	32+51.38		X		12	2	C-11-3(4) on STR-32-2	147.0	2.5	816.41	816.07	75	NA	7	1	2	36.9													78				
76	33+50.00	X			18	2	C-11-3(4) on STR-32-2	4.0	2.6	814.94	814.92	75	NA	7	1	2	1.4					4								77				
77	33+49.85	X			36	2	C-4-1 on STR-30-2	146.0	5.8	809.51	809.28	75	NA	7	1	2	241.8													81				
78	33+99.99		X		12	2	C-11-3(4) on STR-32-2	72.0	2.5	815.97	815.77	75	NA	7	1	2	18.4													77				
79	34+50.00		X		12	2	C-11-3(4) on STR-32-2	86.0	2.6	814.20	814.03	75	NA	7	1	2	23.0													82				

Plc:3/10/2023 12:54:22 PM By: huythk Pen: Transportation.tbl Model:Sheet 2



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
 INDIANA

STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	95 of 159
CONTRACT	PROJECT
R-42163	1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH ft	COVER ft	FLOW LINE		SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	BACKFILL TYPE	STRUCTURE BACKFILL, TYPE 1 CU. YD.	COMPACTED EARTH BACKFILL CU. YD.	REVETMENT RIPRAP TONS	GEOTEXTILE FOR RIP RAP TYPE 1B SYS.	FLOWABLE BACKFILL, REM. CU. YD.	HMA for STRUCTURE INSTALLATION TONS	GRATED BOX END SECTION			SAFETY METAL END SECTION		TEMP. EROSION CONTROL	CONNECT TO STR. NO.	REMARKS		
	STATION	LEFT	RIGHT						CROSS	UP STREAM ELEV.												DOWN STREAM ELEV.	TYPE	SLOPE	EA.	SLOPE	EA.			EA.	
LINE "PR-A" Phase 1																															
80	35+00.52	X			12	2	C-11-3(4) on STR-32-2	42.0	3.8	812.20	812.17	75	NA	7	1	2	1.7													81	
81	35+00.14	X			42	2	C-4-1 on STR-30-2	19.0	5.1	807.97	807.80	75	NA	7	1	2	184.2													86	
82	35+37.36		X		12	2	C-11-3(4) on STR-32-2	22.0	4.3	812.25	812.05	75	NA	7	1	2	30.5													81	
83	35+73.19	X			12	2	C-11-3(4) on STR-32-2	57.0	3.0	812.55	812.30	75	NA	7	1	2	23.0													80	
84	35+73.99		X		12	2	C-11-3(4) on STR-32-2	5.0	3.4	812.61	812.48	75	NA	7	1	2	12.8													82	
85	36+11.83	X			18	2	C-4-1 on STR-30-1	213.0	3.1	810.69	810.45	75	NA	7	1	2	32.7													86	
					12	2		51.0	2.2	812.22	812.20	75	NA	7	1	2	0.9													85	
86	36+11.01	X			42	2	C-4-1 on STR-30-2	29.0	4.4	807.70	807.57	75	NA	7	1	2	129.9													94	
87	36+11.06		X		24	2	C-11-3(4) on STR-32-2	65.0	3.5	810.74	810.56	75	NA	7	1	2	43.0													86	
88	36+25.72	X			18	2	C-11-3(4) on STR-32-2	33.0	2.4	810.83	810.79	75	NA	7	1	2	3.5													85	
89	36+24.66	X			12	2	C-11-3(4) on STR-32-2	4.0	2.0	811.44	811.33	75	NA	7	1	2	5.7													88	
90	36+64.40	X			24	2	C-11-3(4) on STR-32-2	130.0	2.2	810.19	810.08	75	NA	7	1	2	14.4													92	
91	36+95.77		X		21	2	C-11-3(4) on STR-30-2	51.0	4.4	807.05	806.41	75	NA	7	1	2	157.2													Outfall	
92	37+00.52	X			24	2	C-11-3(4) on STR-30-2	46.0	2.8	809.98	809.90	75	NA	7	1	2	12.9													93	
93	37+01.06	X			24	2	C-11-3(4) on STR-32-2	82.0	5.5	807.59	807.57	75	NA	7	1	2	5.1													94	
94	37+00.80	X			42	2	C-4-1 on STR-30-3	85.0	4.3	807.47	807.31	75	NA	7	1	2	79.1													95	
95	37+01.37		X		42	2	C-11-3(4) on STR-30-2	25.0	5.0	807.21	807.15	75	NA	7	1	2	29.3													91	
96	37+31.36		X		12	2	C-11-3(4) on STR-32-2	32.0	3.0	811.80	811.69	75	NA	7	1	2	8.8													95	
97	37+49.92	X			24	2	C-11-3(4) on STR-32-2	146.0	2.2	810.95	810.83	75	NA	7	1	2	18.9													93	
98	37+80.78	X			18	2	C-11-3(4) on STR-32-2	21.0	2.3	811.56	811.45	75	NA	7	1	2	9.1													97	
99	37+81.22		X		12	2	C-11-3(4) on STR-32-2	4.0	3.0	812.07	811.90	75	NA	7	1	2	15.2													96	
100	38+25.02		X		12	2	C-11-3(4) on STR-32-2	79.0	3.6	812.55	812.29	75	NA	7	1	2	29.1													103	
101	39+00.00	X			12	2	C-11-3(4) on STR-32-2	4.0	3.7	812.15	812.12	75	NA	7	1	2	1.7													102	
102	39+00.09	X			42	2	C-4-1 on STR-30-2	195.0	4.9	807.87	807.57	75	NA	7	1	2	328.6													94	
103	39+00.00		X		12	2	C-11-3(4) on STR-32-2	135.0	4.4	812.19	811.99	75	NA	7	1	2	26.7													102	
104	41+68.39		X		12	2	C-11-3(4) on STR-32-2	51.0	2.8	814.69	814.41	75	NA	7	1	2	23.2													107	
105	42+50.64	X			18	2	C-11-3(4) on STR-32-2	4.0	6.0	810.05	810.03	75	NA	7	1	2	3.6													106	
106	42+50.31	X			24	2	C-4-1 on STR-30-2	114.0	5.1	809.42	809.04	75	NA	7	1	2	125.0													112	
107	42+49.23		X		12	2	C-11-3(4) on STR-32-2	25.0	5.5	811.51	811.32	75	NA	7	1	2	33.4													106	
108	43+26.63	X			12	2	C-11-3(4) on STR-32-2	227.0	5.1	810.82	810.55	75	NA	7	1	2	44.3													105	
109	43+40.03	X			12	2	C-8-1 on STR-32-3	147.0	2.7	811.00	810.92	75	NA	7	1	2	6.2													108	
110	43+49.66		X		12	2	C-11-3(4) on STR-32-2	4.0	4.2	811.96	811.61	75	NA	7	1	2	46.5													107	
111	43+87.96	X			12	2	C-8-1 on STR-32-3	146.0	1.6	811.76	811.68	75	NA	7	1	2	4.0													112	
112	43+87.50	X			24	2	C-4-1 on STR-30-2	72.0	3.7	808.36	807.90	75	NA	7	1	2	105.7													116	
113	44+50.14	X			12	2	C-11-3(4) on STR-32-2	86.0	2.0	810.01	809.66	75	NA	7	1	2	19.3													115	

Plc:3/10/2023 12:54:54 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
 INDIANA
 STRUCTURE DATA TABLE

SCALE N/A	BRIDGE FILE
	DESIGNATION 1901705
SURVEY BOOK	SHEETS 96 of 159
CONTRACT R-42163	PROJECT 1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	BACKFILL TYPE	STRUCTURE BACKFILL, TYPE 1	COMPACTED EARTH BACKFILL	REVETMENT RIPRAP	GEOTEXTILE FOR RIP TYPE 1B	FLOWABLE BACKFILL, REM.	HMA for STRUCTURE INSTALLATION	GRATED BOX END SECTION			SAFETY METAL END SECTION		TEMP. EROSION CONTROL		CONNECT TO STR. NO.	REMARKS							
	STATION	LEFT	RIGHT						CROSS	ELEV.												ELEV.	YR.	CU. YD.	CU. YD.	TONS	SYS.	CU. YD.			TONS	TYPE	SLOPE	EA.	SLOPE	EA.	EA.
LINE "PR-A" Phase 1																																					
149	54+01.56	X		12	2	C-8-1 on STR-32-3	27.0	1.8	816.31	816.25	75	NA	7	1	2	4.7														148							
150	54+50.32	X		12	2	C-11-3(4) on STR-32-2	49.0	2.8	816.04	815.87	75	NA	7	1	2	14.3					26										151						
151	55+00.33	X		12	2	C-11-3(4) on STR-32-2	4.0	3.3	815.77	815.74	75	NA	7	1	2	1.4					4										152						
152	55+00.15	X		24	2	C-4-1 on STR-30-2	95.0	3.1	814.74	814.46	75	NA	7	1	2	53.5															147						
153	56+03.43	X		18	2	C-11-3(4) on STR-32-2	4.0	2.3	817.21	817.19	75	NA	7	1	2	1.2					4										154						
154	56+03.67	X		24	2	C-4-1 on STR-30-2	99.0	2.3	816.54	816.25	75	NA	7	1	2	40.4															152						
155	56+00.01	X		18	2	C-11-3(4) on STR-32-2	51.0	3.0	817.20	817.04	75	NA	7	1	2	20.7					27										154						
156	56+01.21	X		12	2	C-8-1 on STR-32-3	25.0	2.1	818.17	818.11	75	NA	7	1	2	5.1															155						
157	57+00.57	X		12	2	C-11-3(4) on STR-32-2	96.0	2.3	818.05	817.71	75	NA	7	1	2	22.6					49										153						
158	56+99.68	X		12	2	C-11-3(4) on STR-32-2	98.0	2.9	818.05	817.70	75	NA	7	1	2	30.4					50										155						
159	58+50.14	X		12	2	C-11-3(4) on STR-32-2	4.0	2.5	818.99	818.96	75	NA	7	1	2	1.0					4										160						
160	58+49.94	X		18	2	C-4-1 on STR-30-2	242.0	2.4	818.32	817.59	75	NA	7	1	2	77.8															154						
161	59+00.01	X		12	2	C-11-3(4) on STR-32-2	70.0	3.1	819.20	818.94	75	NA	7	1	2	23.4					36										160						
162	59+25.75	X		12	2	C-11-3(4) on STR-32-2	74.0	2.4	819.35	819.09	75	NA	7	1	2	17.8					38										159						
163	60+00.32	X		12	2	C-11-3(4) on STR-32-2	3.0	2.5	819.79	819.77	75	NA	7	1	2	0.8					#REF!	#REF!	#REF!	4							164						
164	60+00.31	X		18	2	C-4-1 on STR-30-2	146.0	2.9	818.88	818.42	75	NA	7	1	2	56.7					#REF!	#REF!	#REF!								160						
165	61+00.32	X		12	2	C-11-3(4) on STR-32-2	99.0	2.4	820.24	819.89	75	NA	7	1	2	24.0					50										163						
166	61+00.01	X		12	2	C-11-3(4) on STR-32-2	69.0	3.4	820.24	819.99	75	NA	7	1	2	25.3					36										168						
167	61+49.99	X		12	2	C-8-1 on STR-32-3	24.0	2.1	820.34	820.26	75	NA	7	1	2	5.0															168						
168	61+47.17	X		12	2	C-4-1 on STR-30-1	143.0	3.2	819.89	819.38	75	NA	7	1	2	48.2															164						
169	63+40.52	X		36	2	C-4-1 on STR-30-2	8.0		812.89	812.83	75		7							6										169							
				36	2		8.0		812.94	812.89	75		7							6																	
170	63+55.16	X		12	2	C-11-3(4) on STR-32-2	4.0	2.5	816.87	816.82	75	NA	7	1	2	1.0					12										171						
171	63+55.22	X		24	2	C-4-1 on STR-30-2	10.0	6.0	821.18	820.99	75	NA	7	1	2	11.2					27										169						
172	63+55.61	X		12	2	C-11-3(4) on STR-32-2	50.0	3.2	821.43	821.32	75	NA	7	1	2	17.3					32										171						
173	64+18.15	X		12	2	C-11-3(4) on STR-32-2	62.0	2.5	821.29	821.19	75	NA	7	1	2	15.5					15										170						
174	65+17.13	X		18	2	C-11-3(4) on STR-32-2	26.0	2.4	820.70	820.68	75	NA	7	1	2	8.4					4										175						
175	65+45.11	X		18	2	C-11-3(4) on STR-32-2	4.0	3.0	817.50	816.97	75	NA	7	1	2	1.7					162										176						
176	65+45.20	X		24	2	C-4-1 on STR-30-2	186.0	5.8	821.88	821.69	75	NA	7	1	2	202.2															171						
177	65+45.57	X		12	2	C-11-3(4) on STR-32-2	51.0	3.2	820.85	820.80	75	NA	7	1	2	17.3					9										176						
178	65+60.28	X		18	2	C-11-3(4) on STR-32-2	14.0	2.8	820.99	820.95	75	NA	7	1	2	5.4					9										175						
179	65+75.41	X		18	2	C-11-3(4) on STR-32-2	14.0	2.7	822.17	821.98	75	NA	7	1	2	5.1					28										178						
180	65+99.76	X		12	2	C-11-3(4) on STR-32-2	53.0	3.0	820.77	820.48	75	NA	7	1	2	17.0					43										177						
181	67+63.64	X		12	2	C-8-1 on STR-32-3	83.0	4.1	818.24	817.60	75	NA	7	1	2	38.4					196										182						
182	67+74.65	X		24	2	C-4-1 on STR-30-2	225.0	5.8	822.41	822.06	75	NA	7	1	2	241.8															176						
183	69+03.24	X		12	2	C-11-3(4) on STR-32-2	98.0	2.4	821.11	821.08	75	NA	7	1	2	24.3					4										184						

Plc:3/10/2023 12:55:58 PM By: huythk Pen: Transportation.tbl Model:Sheet 5



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE INDIANA

STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	98 of 159
CONTRACT	PROJECT
R-42163	1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	BACKFILL TYPE	STRUCTURE BACKFILL, TYPE 1	COMPACTED EARTH BACKFILL	REVTMENT RIPRAP	GEOTEXTILE FOR RIP RAP TYPE 1B	FLOWABLE BACKFILL, REM.	HMA for STRUCTURE INSTALLATION	GRATED BOX END SECTION			SAFETY METAL END SECTION		TEMP. EROSION CONTROL	CONNECT TO STR. NO.	REMARKS				
	STATION	LEFT	RIGHT						CROSS	UP STREAM												DOWN STREAM	ELEV.	ELEV.	YR.	CU. YD.	CU. YD.			TONS	SYS.	CU. YD.	TONS
	LINE "PR-A" Phase 1						ft	ft																									
184	70+02.46	X			18	2	C-11-3(4) on STR-32-2	4.0	3.0	821.11	821.08	75	NA	7	1	2	1.7														185		
185	70+02.32	X			24	2	C-4-1 on STR-30-2	223.0	5.2	818.98	818.34	75	NA	7	1	2	215.8														182		
186	70+00.01		X		12	2	C-11-3(4) on STR-32-2	51.0	3.0	822.45	822.26	75	NA	7	1	2	16.3														185		
187	70+54.95	X			12	2	C-11-3(4) on STR-32-2	59.0	2.4	821.41	821.19	75	NA	7	1	2	14.6														189		
188	70+61.07	X			12	2	C-11-3(4) on STR-32-2	10.0	2.2	821.55	821.51	75	NA	7	1	2	2.2														187		
189	71+15.90	X			12	2	C-11-3(4) on STR-32-2	27.0	2.8	821.09	820.99	75	NA	7	1	2	7.8														190		
190	71+36.51	X			18	2	C-4-1 on STR-30-1	131.0	4.2	820.05	819.61	75	NA	7	1	2	77.3														185		
191	71+49.97		X		12	2	C-11-3(4) on STR-32-2	51.0	4.1	820.75	820.55	75	NA	7	1	2	23.5														190		
192	73+00.48		X		12	2	C-11-3(4) on STR-32-2	149.0	3.5	821.38	820.85	75	NA	7	1	2	56.2														191		
193	73+63.10	X			12	2	C-11-3(4) on STR-32-2	58.0	5.3	819.59	817.28	75	NA	7	1	2	35.9														194		
					12	2		4.0	2.8	819.77	819.59	75	NA	7	1	2	1.2														193		
194	73+59.59		X		12	2	C-11-3(4) on STR-32-2	4.0	4.3	817.28	817.08	75	NA	7	1	2	1.9															194	
195	73+99.69		X		12	2	C-11-3(4) on STR-32-2	39.0	1.6	822.98	822.84	75	NA	7	1	2	5.8															194	
196	75+00.00	X			12	2	C-11-3(4) on STR-32-2	27.0	0.5	824.74	824.56	75	NA	7	1	2	0.6														Outfall		
197	75+00.00		X		12	2	C-11-3(4) on STR-32-2	99.0	1.8	823.43	823.08	75	NA	7	1	2	17.4			#REF!	#REF!	#REF!									195		
198	76+00.01	X			12	2	C-11-3(4) on STR-32-2	99.0	0.2	825.19	824.84	75	NA	7	1	2	-1.1			#REF!	#REF!	#REF!									196		
199	76+00.03		X		12	2	C-11-3(4) on STR-32-2	99.0	2.1	823.88	823.53	75	NA	7	1	2	20.6														197		
200	77+00.35	X			12	2	C-11-3(4) on STR-32-2	99.0	0.7	825.64	825.29	75	NA	7	1	2	4.0														198		
201	77+00.01		X		12	2	C-11-3(4) on STR-32-2	98.0	2.5	824.33	823.98	75	NA	7	1	2	25.3														199		
202	78+00.60	X			12	2	C-4-1 on STR-30-2	9.0	5.8	826.23	826.19	75	NA	7	1	2	6.2														203		
203	78+00.41	X			12	2	C-11-3(4) on STR-32-2	99.0	1.8	826.09	825.74	75	NA	7	1	2	16.6														200		
204	78+49.63		X		12	2	C-11-3(4) on STR-32-2	97.0	-0.1	833.48	833.13	75	NA	7	1	2	-4.4														202		
205	79+00.58	X			12	2	C-8-1 on STR-32-3	49.0	-0.1	833.75	833.58	75	NA	7	1	2	-2.2														205		
T-16	79+00.42	X			12	2	Curb Turnout	97.0		833.48	833.13	75	NA	7																217			

Plc:3/10/2023 12:56:29 PM By: huythk Pen: Transportation.tbl Model:Sheet 6



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: ARW DRAWN: KTH/MWM
 CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
 INDIANA
 STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	99 of 159
CONTRACT	PROJECT
R-42163	1901705

		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26	27	28	29	30
INT. DES.	STRUCTURE NUMBER	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	PIPE TYPE / SHAPE (CIR or DEF)	12	12	12	12	18	24	24	12	12	18	18	12	12	12	12	12	12	12	12	12
	SMOOTH PIPE SIZE																				
	CORRUGATED PIPE SIZE																				
	SEMI-SMOOTH PIPE SIZE																				
CONC.	RCP/RCHP (S)	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
	CLASS D _{0.01} RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	CORRUGATED PE PIPE, TYPE S (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (RIBBED) PE PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (CLOSED) PE PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL PVC PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CLAY	SMOOTH WALL PVC PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)																				
	ZINC COATED (C)																				
	ZINC COATED W/ BPI (C)																				
	ALUM. COATED TYPE 2 (C)																				
	POLYMER PRECOATED GALVANIZED (C)																				
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)																				
COR. ALUM. PIPE / PIPE-ARCH	CORRUGATED ALUM. ALLOY (C)																				
	CORRUGATED ALUM. ALLOY W/ BPI (C)																				
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)																				
	ZINC COATED W/ BPI (SS)																				
	ALUM. COATED TYPE 2 (SS)																				
	POLYMER PRECOATED GALVANIZED (SS)																				
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)																				
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)																				
	STR. PLATE STEEL (C)																				
	STR. PLATE STEEL W/ CFP (C)																				

		31	32	33	34	35	36	37	38	39	40	41	42	43	44
INT. DES.	STRUCTURE NUMBER	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	PIPE TYPE / SHAPE (CIR or DEF)	24	12	24	24	12	12	30	12	12	12	36	36	12	12
	SMOOTH PIPE SIZE														
	CORRUGATED PIPE SIZE														
	SEMI-SMOOTH PIPE SIZE														
CONC.	RCP/RCHP (S)	II	II	II	II	II	II	II	II	II	II	II	II	II	II
	CLASS D _{0.01} RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	CORRUGATED PE PIPE, TYPE S (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (RIBBED) PE PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (CLOSED) PE PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL PVC PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CLAY	SMOOTH WALL PVC PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)														
	ZINC COATED (C)														
	ZINC COATED W/ BPI (C)														
	ALUM. COATED TYPE 2 (C)														
	POLYMER PRECOATED GALVANIZED (C)														
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)														
COR. ALUM. PIPE / PIPE-ARCH	CORRUGATED ALUM. ALLOY (C)														
	CORRUGATED ALUM. ALLOY W/ BPI (C)														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)														
	ZINC COATED W/ BPI (SS)														
	ALUM. COATED TYPE 2 (SS)														
	POLYMER PRECOATED GALVANIZED (SS)														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)														
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)														
	STR. PLATE STEEL (C)														
	STR. PLATE STEEL W/ CFP (C)														

LEGEND

- PIPE MATERIAL**
- RCP Reinforced Concrete Pipe
 - RCHP Reinforced Concrete Horizontal Elliptical Pipe
 - PE Polyethylene
 - DR Dimension Ratio
 - PVC Polyvinyl Chloride
 - PP Polypropylene
 - CORR Corrugation
 - ALUM Aluminum
 - STR Structural
 - (LS) Lock Seam Pipe Required
 - SDR Standard Dimension Ratio
- PIPE PROTECTION**
- BPI Bituminous Paved Invert
 - CFP Concrete Field Paving
 - BIT Bituminous
- SHAPE**
- CIR Circular Pipe
 - DEF Deformed Pipe
- INTERIOR DESIGNATION**
- (S) Smooth Pipe Material
 - (C) Corrugated 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.

** Tabulated thickness refers to top and side plates. For pipes and pipe-arches with a thickness less than .280 in., bottom plates shall be of next greater available thickness.

NOTE #1: STR. #'s: 13, 15, 20, 25, 26, 28, 29, 34, 35, 37, 40, 43, 46, 47, 49-52, 54, 60, 64, 65

NOTE #2: STR. #'s: 11, 12, 18, 21, 24, 27, 31, 36, 39, 42, 44, 48, 53, 57, 58, 62, 63



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ARW _____	DRAWN: KTH/MWM _____	
CHECKED: MJS _____	CHECKED: MJS/ARW _____	

CITY OF FORT WAYNE
INDIANA

PIPE MATERIAL TABLE

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	103 of 159
CONTRACT	PROJECT
R-42163	1901705

		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	
INT. DES.	STRUCTURE NUMBER																						
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	
	SMOOTH PIPE SIZE	12	12	12	12	12	12	36	12	12	12	12	12	30	18	18	12	18	12	12	30	18	
	CORRUGATED PIPE SIZE																						
	SEMI-SMOOTH PIPE SIZE																						
CONC.	RCP/RCHP (S) CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	
	D _{0.01} RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
	CORRUGATED PE PIPE, TYPE 5 (S)*																						
	PROFILE WALL (RIBBED) PE PIPE (S)*																						
	PROFILE WALL (CLOSED) PE PIPE (S)*																						
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	
	CORRUGATED PP PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
	PROFILE WALL PVC PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
CLAY	SMOOTH WALL PVC PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)																						
	ZINC COATED (C)																						
	ZINC COATED W/ BPI (C)																						
	ALUM. COATED TYPE 2 (C)																						
	POLYMER PRECOATED GALVANIZED (C)																						
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)																						
COR. ALUM. PIPE / PIPE-ARCH	CORRUGATED ALUM. ALLOY (C)																						
	CORRUGATED ALUM. ALLOY W/ BPI (C)																						
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)																						
	ZINC COATED W/ BPI (SS)																						
	ALUM. COATED TYPE 2 (SS)																						
	POLYMER PRECOATED GALVANIZED (SS)																						
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)																						
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)																						
	STR. PLATE STEEL (C)																						
	STR. PLATE STEEL W/ CFP (C)																						

		66	67	68	69	70	71	72	73	74	75	76	77	78	79
INT. DES.	STRUCTURE NUMBER														
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	SMOOTH PIPE SIZE	18	24	12	24	18	18	18	18	18	36	12	18	36	12
	CORRUGATED PIPE SIZE														
	SEMI-SMOOTH PIPE SIZE														
CONC.	RCP/RCHP (S) CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II
	D _{0.01} RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	CORRUGATED PE PIPE, TYPE 5 (S)*														
	PROFILE WALL (RIBBED) PE PIPE (S)*														
	PROFILE WALL (CLOSED) PE PIPE (S)*														
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL PVC PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CLAY	SMOOTH WALL PVC PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)														
	ZINC COATED (C)														
	ZINC COATED W/ BPI (C)														
	ALUM. COATED TYPE 2 (C)														
	POLYMER PRECOATED GALVANIZED (C)														
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)														
COR. ALUM. PIPE / PIPE-ARCH	CORRUGATED ALUM. ALLOY (C)														
	CORRUGATED ALUM. ALLOY W/ BPI (C)														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)														
	ZINC COATED W/ BPI (SS)														
	ALUM. COATED TYPE 2 (SS)														
	POLYMER PRECOATED GALVANIZED (SS)														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)														
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)														
	STR. PLATE STEEL (C)														
	STR. PLATE STEEL W/ CFP (C)														

LEGEND

PIPE MATERIAL

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

PIPE PROTECTION

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

SHAPE

- CIR Circular Pipe
- DEF Deformed Pipe

INTERIOR DESIGNATION

- (S) Smooth Pipe Material
- (C) Corrugated 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.

** Tabulated thickness refers to top and side plates. For pipes and pipe-arches with a thickness less than .280 in., bottom plates shall be of next greater available thickness.

NOTE #1: STR. #'s: 13, 15, 20, 25, 26, 28, 29, 34, 35, 37, 40, 43, 46, 47, 49-52, 54, 60, 64, 65

NOTE #2: STR. #'s: 11, 12, 18, 21, 24, 27, 31, 36, 39, 42, 44, 48, 53, 57, 58, 62, 63

		114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134
INT. DES.	STRUCTURE NUMBER																					
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	SMOOTH PIPE SIZE	12	12	18	24	24	12	12	12	30	12	30	12	12	12	30	12	12	12	12	24	18
	CORRUGATED PIPE SIZE																					
	SEMI-SMOOTH PIPE SIZE																					
CONC.	RCP/RCHP (S) CLASS D ₀₀₁ RATING	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PLASTIC PIPE	CORRUGATED PE PIPE, TYPE S (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (RIBBED) PE PIPE (S)*			x	x	x				x		x			x						x	x
	PROFILE WALL (CLOSED) PE PIPE (S)*			x	x	x				x		x			x						x	x
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL PVC PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	SMOOTH WALL PVC PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)																					
	ZINC COATED (C)																					
	ZINC COATED W/ BPI (C)																					
	ALUM. COATED TYPE 2 (C)																					
	POLYMER PRECOATED GALVANIZED (C)																					
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)																					
	CORRUGATED ALUM. ALLOY (C)																					
	CORRUGATED ALUM. ALLOY W/ BPI (C)																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)																					
	ZINC COATED W/ BPI (SS)																					
	ALUM. COATED TYPE 2 (SS)																					
	POLYMER PRECOATED GALVANIZED (SS)																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)																					
	STR. PLATE STEEL (C)																					
	STR. PLATE STEEL W/ CFP (C)																					

		135	136	137	138	139	140	141	142	143	144	145	146	147	148
INT. DES.	STRUCTURE NUMBER														
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	SMOOTH PIPE SIZE	18	24	24	12	18	24	24	12	12	12	12	12	18	24
	CORRUGATED PIPE SIZE														
	SEMI-SMOOTH PIPE SIZE														
CONC.	RCP/RCHP (S) CLASS D ₀₀₁ RATING	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000	II 1000
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PLASTIC PIPE	CORRUGATED PE PIPE, TYPE S (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (RIBBED) PE PIPE (S)*			x	x	x				x		x			x
	PROFILE WALL (CLOSED) PE PIPE (S)*			x	x	x				x		x			x
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR		DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)		x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL PVC PIPE (S)		x	x	x	x	x	x	x	x	x	x	x	x	x
	SMOOTH WALL PVC PIPE (S)*		x	x	x	x	x	x	x	x	x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)														
	ZINC COATED (C)														
	ZINC COATED W/ BPI (C)														
	ALUM. COATED TYPE 2 (C)														
	POLYMER PRECOATED GALVANIZED (C)														
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)														
	CORRUGATED ALUM. ALLOY (C)														
	CORRUGATED ALUM. ALLOY W/ BPI (C)														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)														
	ZINC COATED W/ BPI (SS)														
	ALUM. COATED TYPE 2 (SS)														
	POLYMER PRECOATED GALVANIZED (SS)														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)														
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)														
	STR. PLATE STEEL (C)														
	STR. PLATE STEEL W/ CFP (C)														

LEGEND

PIPE MATERIAL

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

PIPE PROTECTION

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

SHAPE

- CIR Circular Pipe
- DEF Deformed Pipe

INTERIOR DESIGNATION

- (S) Smooth Pipe Material
- (C) Corrugated 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.

** Tabulated thickness refers to top and side plates. For pipes and pipe-arches with a thickness less than .280 in., bottom plates shall be of next greater available thickness.

NOTE #1: STR. #'s: 13, 15, 20, 25, 26, 28, 29, 34, 35, 37, 40, 43, 46, 47, 49-52, 54, 60, 64, 65
NOTE #2: STR. #'s: 11, 12, 18, 21, 24, 27, 31, 36, 39, 42, 44, 48, 53, 57, 58, 62, 63

		149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169
INT. DES.	STRUCTURE NUMBER	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	SMOOTH PIPE SIZE	12	12	12	12	24	18	24	18	12	12	12	12	18	12	12	12	18	12	12	12	12
	CORRUGATED PIPE SIZE																					
	SEMI-SMOOTH PIPE SIZE																					
CONC.	RCP/RCHP (S) CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
	D _{0.01} RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	CORRUGATED PE PIPE, TYPE S (S)*		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (RIBBED) PE PIPE (S)*																					
	PROFILE WALL (CLOSED) PE PIPE (S)*																					
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR		DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL PVC PIPE (S)		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CLAY	SMOOTH WALL PVC PIPE (S)*		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)																					
	ZINC COATED (C)																					
	ZINC COATED W/ BPI (C)																					
	ALUM. COATED TYPE 2 (C)																					
	POLYMER PRECOATED GALVANIZED (C)																					
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)																					
	CORRUGATED ALUM. ALLOY (C)																					
COR. ALUM. PIPE / PIPE-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)																					
	ZINC COATED (SS)																					
	ZINC COATED W/ BPI (SS)																					
	ALUM. COATED TYPE 2 (SS)																					
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)																					
	ZINC COATED (SS)																					
	ZINC COATED W/ BPI (SS)																					
	ALUM. COATED TYPE 2 (SS)																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (SS)																					
	STR. PLATE ALUMINUM ALLOY (C)																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)																					
	STR. PLATE STEEL (C)																					
CORR. PROFILE THICKNESS **	STR. PLATE STEEL W/ CFP (C)																					
	CORR. PROFILE THICKNESS **																					
	CORR. PROFILE THICKNESS **																					
	CORR. PROFILE THICKNESS **																					

		169	170	171	172	173	174	175	176	177	178	179	180	181	182
INT. DES.	STRUCTURE NUMBER	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	SMOOTH PIPE SIZE	12	24	12	12	18	18	24	12	12	18	12	12	24	12
	CORRUGATED PIPE SIZE														
	SEMI-SMOOTH PIPE SIZE														
CONC.	RCP/RCHP (S) CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II
	D _{0.01} RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	CORRUGATED PE PIPE, TYPE S (S)*		x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL (RIBBED) PE PIPE (S)*														
	PROFILE WALL (CLOSED) PE PIPE (S)*														
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR		DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)		x	x	x	x	x	x	x	x	x	x	x	x	x
	PROFILE WALL PVC PIPE (S)		x	x	x	x	x	x	x	x	x	x	x	x	x
CLAY	SMOOTH WALL PVC PIPE (S)*		x	x	x	x	x	x	x	x	x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)														
	ZINC COATED (C)														
	ZINC COATED W/ BPI (C)														
	ALUM. COATED TYPE 2 (C)														
	POLYMER PRECOATED GALVANIZED (C)														
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)														
	CORRUGATED ALUM. ALLOY (C)														
COR. ALUM. PIPE / PIPE-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)														
	ZINC COATED (SS)														
	ZINC COATED W/ BPI (SS)														
	ALUM. COATED TYPE 2 (SS)														
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)														
	ZINC COATED (SS)														
	ZINC COATED W/ BPI (SS)														
	ALUM. COATED TYPE 2 (SS)														
STRUCTURAL PLATE PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (SS)														
	STR. PLATE ALUMINUM ALLOY (C)														
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)														
	STR. PLATE STEEL (C)														
CORR. PROFILE THICKNESS **	STR. PLATE STEEL W/ CFP (C)														
	CORR. PROFILE THICKNESS **														
	CORR. PROFILE THICKNESS **														
	CORR. PROFILE THICKNESS **														

LEGEND

PIPE MATERIAL

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

PIPE PROTECTION

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

SHAPE

- CIR Circular Pipe
- DEF Deformed Pipe

INTERIOR DESIGNATION

- (S) Smooth Pipe Material
- (C) Corrugated 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.

** Tabulated thickness refers to top and side plates. For pipes and pipe-arches with a thickness less than .280 in., bottom plates shall be of next greater available thickness.

NOTE #1: STR. #'s: 13, 15, 20, 25, 26, 28, 29, 34, 35, 37, 40, 43, 46, 47, 49-52, 54, 60, 64, 65
NOTE #2: STR. #'s: 11, 12, 18, 21, 24, 27, 31, 36, 39, 42, 44, 48, 53, 57, 58, 62, 63

		183	184	185	186	187	188	189	190	191	192	193	193	194	195	196	197	198	199	200	201	202
INT. DES.	STRUCTURE NUMBER																					
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
	SMOOTH PIPE SIZE	18	24	12	12	12	12	18	18	12	12	12	12	12	12	12	12	12	12	12	12	12
	CORRUGATED PIPE SIZE																					
	SEMI-SMOOTH PIPE SIZE																					
CONC.	RCP/RCHP (S) CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II		II	II	II	II	II	II
	DR or RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		1000	1000	1000	1000	1000	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x
	CORRUGATED PE PIPE, TYPE S (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x
	PROFILE WALL (RIBBED) PE PIPE (S)*	x	x																			
	PROFILE WALL (CLOSED) PE PIPE (S)*	x	x																			
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26	DR = 26				DR = 26	DR = 26	DR = 26	DR = 26
	CORRUGATED PP PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x	x
	PROFILE WALL PVC PIPE (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x	x
CLAY	SMOOTH WALL PVC PIPE (S)*	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x	x	x
	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x		x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)																					
	ZINC COATED (C)																					
	ZINC COATED W/ BPI (C)																					
	ALUM. COATED TYPE 2 (C)																					
	POLYMER PRECOATED GALVANIZED (C)																					
COR. ALUM. PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)																					
	CORRUGATED ALUM. ALLOY (C)																					
SPIRAL RIB STEEL PIPE	CORRUGATED ALUM. ALLOY W/ BPI (C)																					
	ZINC COATED (SS)																					
	ZINC COATED W/ BPI (SS)																					
	ALUM. COATED TYPE 2 (SS)																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (SS)																					
	STR. PLATE ALUMINUM ALLOY (C)																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)																					
	STR. PLATE STEEL (C)																					
	STR. PLATE STEEL W/ CFP (C)																					

		203	204	205																		
INT. DES.	STRUCTURE NUMBER																					
	PIPE TYPE / SHAPE (CIR or DEF)	CIR	CIR	CIR																		
	SMOOTH PIPE SIZE	12	12	12																		
	CORRUGATED PIPE SIZE																					
	SEMI-SMOOTH PIPE SIZE																					
CONC.	RCP/RCHP (S) CLASS	II																				
	DR or RATING	1000																				
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	x																				
	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)	x																				
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)																					
	ZINC COATED (C)																					
	ZINC COATED W/ BPI (C)																					
	ALUM. COATED TYPE 2 (C)																					
	POLYMER PRECOATED GALVANIZED (C)																					
COR. ALUM. PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)																					
	CORRUGATED ALUM. ALLOY (C)																					
SPIRAL RIB STEEL PIPE	CORRUGATED ALUM. ALLOY W/ BPI (C)																					
	ZINC COATED (SS)																					
	ZINC COATED W/ BPI (SS)																					
	ALUM. COATED TYPE 2 (SS)																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (SS)																					
	STR. PLATE ALUMINUM ALLOY (C)																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)																					
	STR. PLATE STEEL (C)																					
	STR. PLATE STEEL W/ CFP (C)																					

LEGEND

- PIPE MATERIAL**
- RCP Reinforced Concrete Pipe
 - RCHP Reinforced Concrete Horizontal Elliptical Pipe
 - PE Polyethylene
 - DR Dimension Ratio
 - PVC Polyvinyl Chloride
 - PP Polypropylene
 - CORR Corrugation
 - ALUM Aluminum
 - STR Structural
 - (LS) Lock Seam Pipe Required
 - SDR Standard Dimension Ratio
- PIPE PROTECTION**
- BPI Bituminous Paved Invert
 - CFP Concrete Field Paving
 - BIT Bituminous
- SHAPE**
- CIR Circular Pipe
 - DEF Deformed Pipe
- INTERIOR DESIGNATION**
- (S) Smooth Pipe Material
 - (C) Corrugated 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.

** Tabulated thickness refers to top and side plates. For pipes and pipe-arches with a thickness less than .280 in., bottom plates shall be of next greater available thickness.

NOTE #1: STR. #'s: 13, 15, 20, 25, 26, 28, 29, 34, 35, 37, 40, 43, 46, 47, 49-52, 54, 60, 64, 65

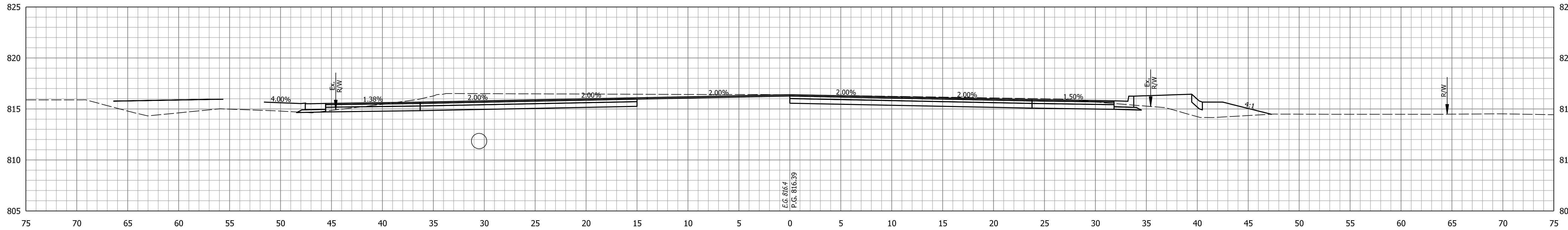
NOTE #2: STR. #'s: 11, 12, 18, 21, 24, 27, 31, 36, 39, 42, 44, 48, 53, 57, 58, 62, 63



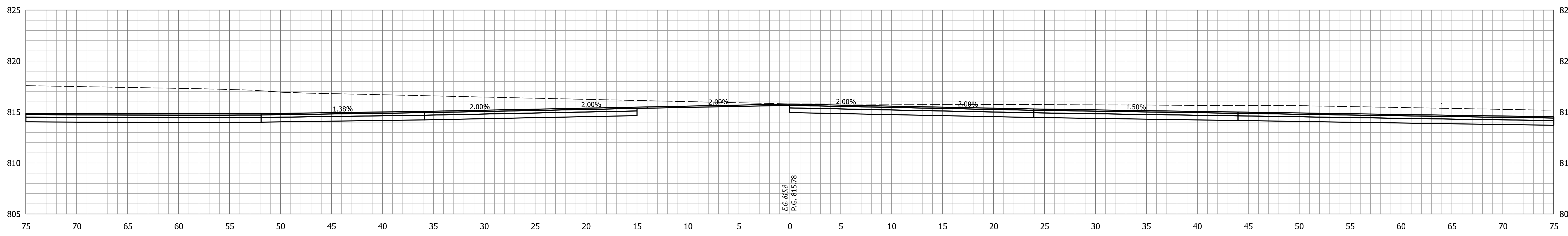
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM	
CHECKED: MJS	CHECKED: MJS/ARW	

CITY OF FORT WAYNE INDIANA	
PIPE MATERIAL TABLE	

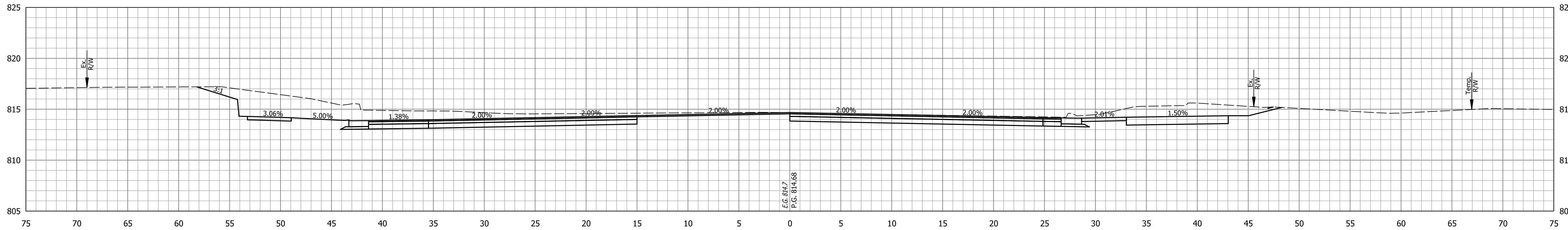
SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	108 of 159
CONTRACT	PROJECT
R-42163	1901705



10+50.00



10+00.00



9+50.00

Plot: 3/10/2023 1:00:36 PM By: huynhkt Model: Stage 2_XSS Pen: Transportation.tbl

STA. 9+50.00 TO STA. 10+50.00



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____

DESIGNED: BOA DRAWN: KTH

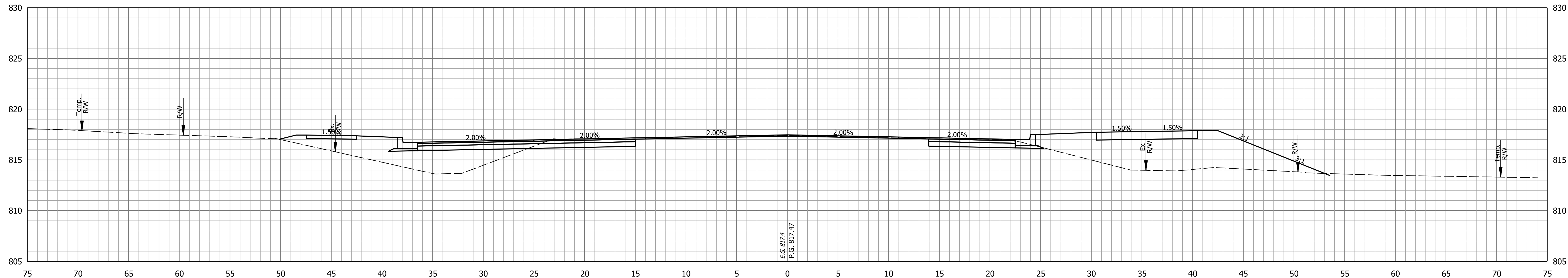
CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

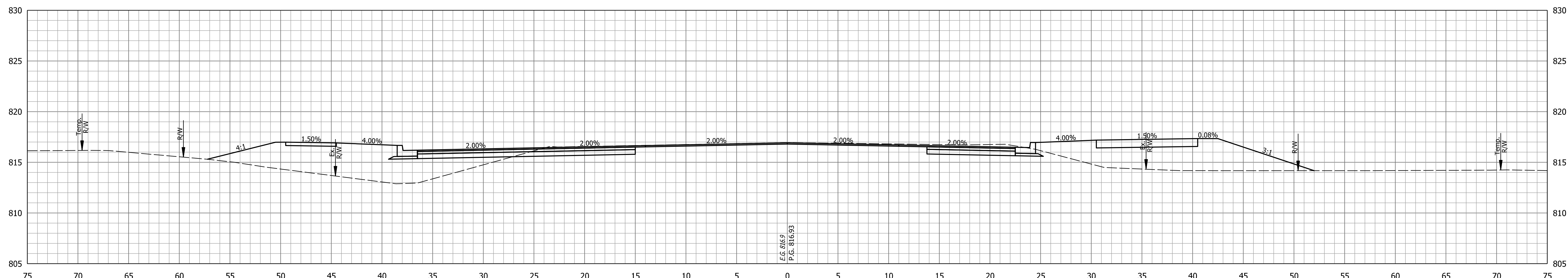
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 109 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:00:36 PM By: huythkt Pen: Transportation.tbl Model: Stage 2_XSs



11+50.00



11+00.00

STA. 11+00.00 TO STA. 11+50.00



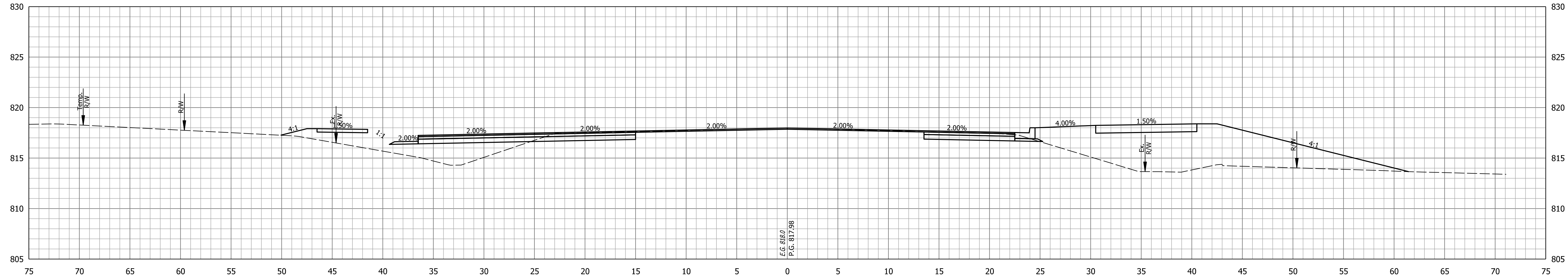
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
 INDIANA

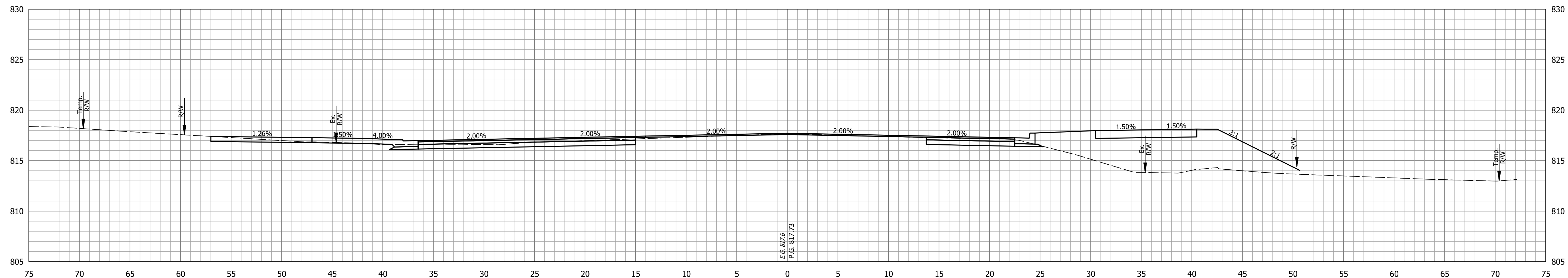
 CROSS SECTIONS
 LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 110 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:00:37 PM By: huyntkt Model: Stage 2_XSS Pen: Transportation.tbl



12+00.00



11+74.06

STA. 11+74.06 TO STA. 12+00.00



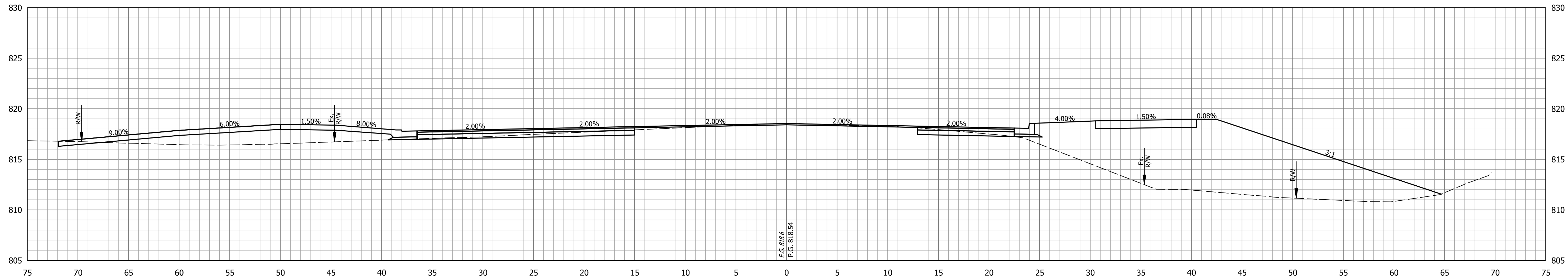
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

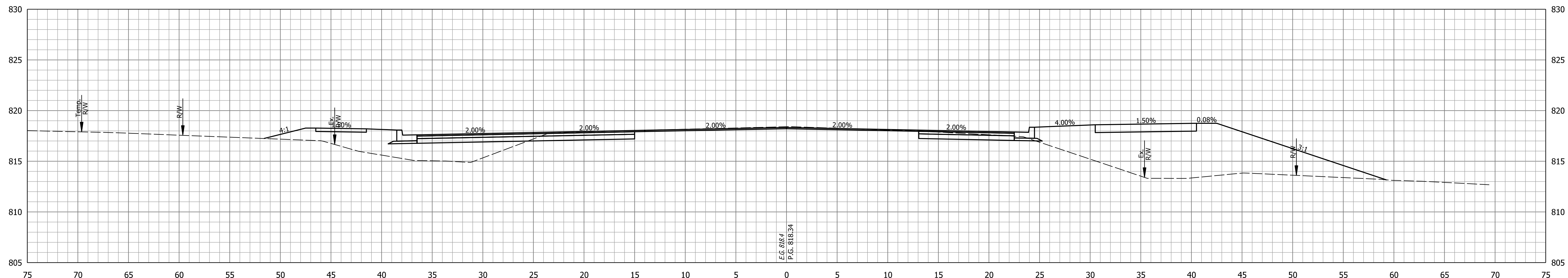
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 111 of 159
CONTRACT R-42163	PROJECT 1901705

P10c3/10/2023 1:00:38 PM By: huyntkt Model: Stage 2_XSS Pen: Transportation.tbl



13+00.00



12+50.00

STA. 12+50.00 TO STA. 13+00.00



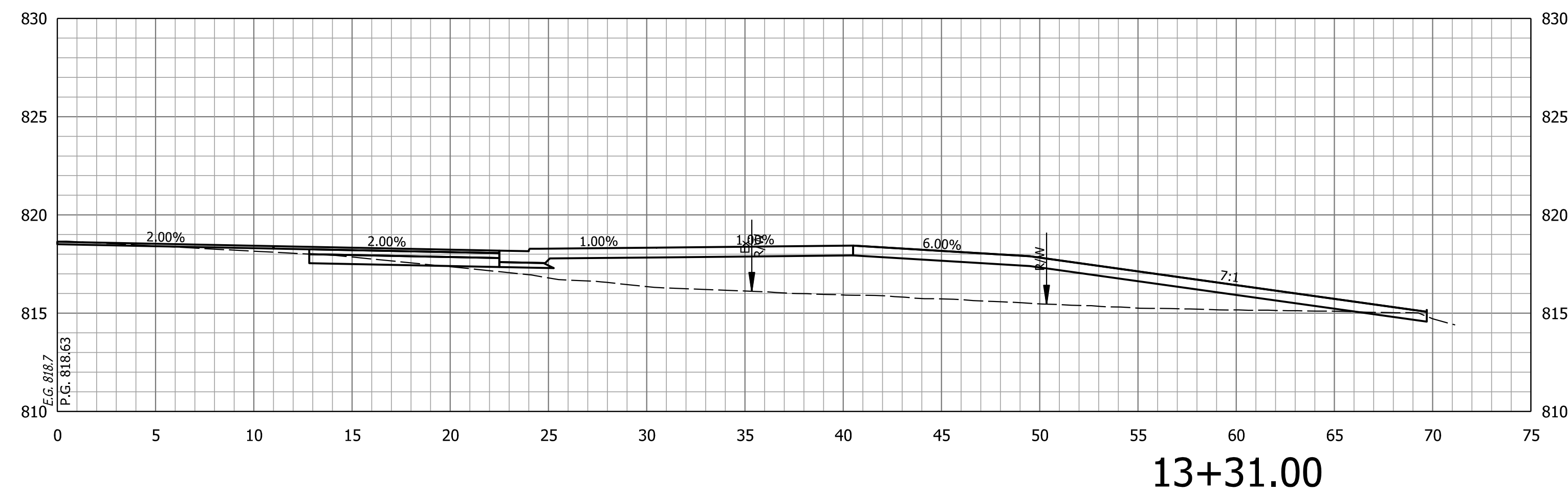
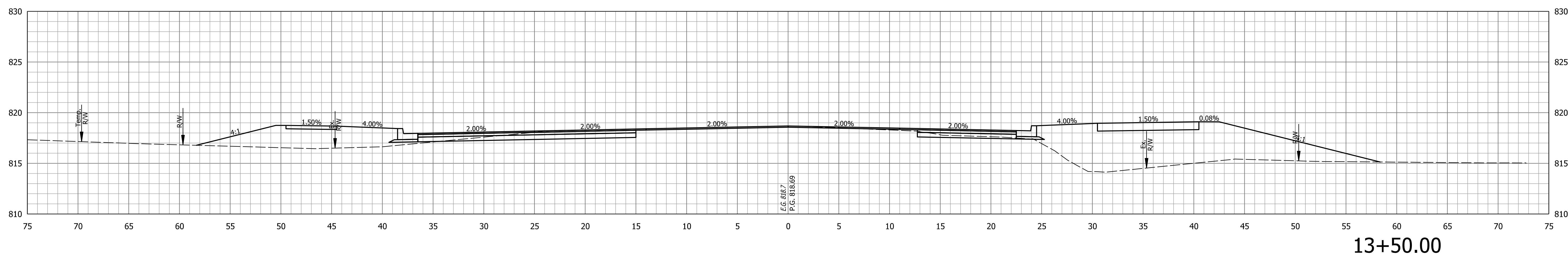
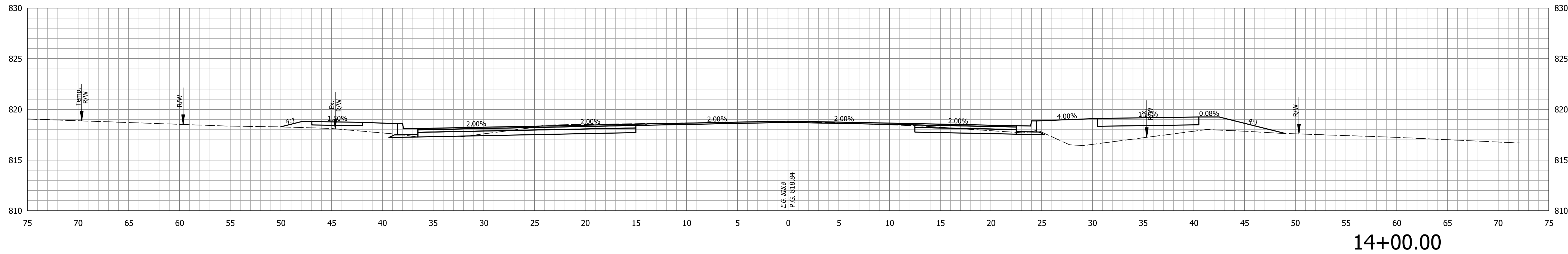
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	112 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:00:39 PM By: huynhkt Pen: Transportation.tbl Model: Stage 2.XSS



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

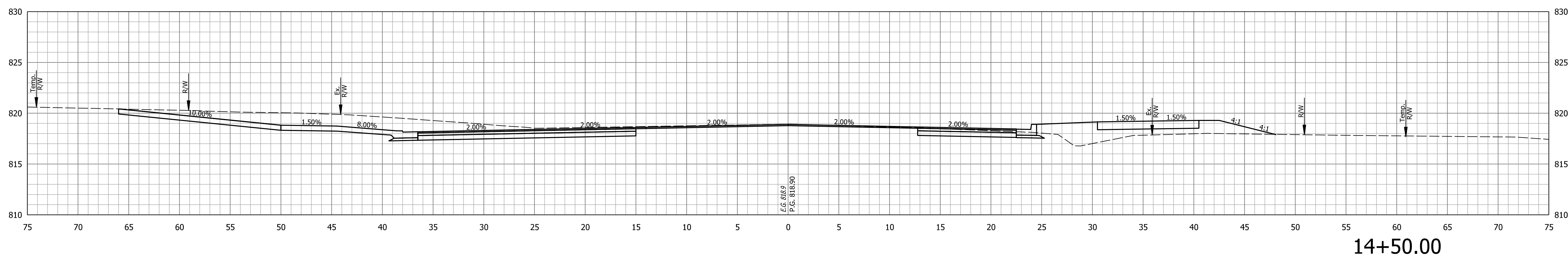
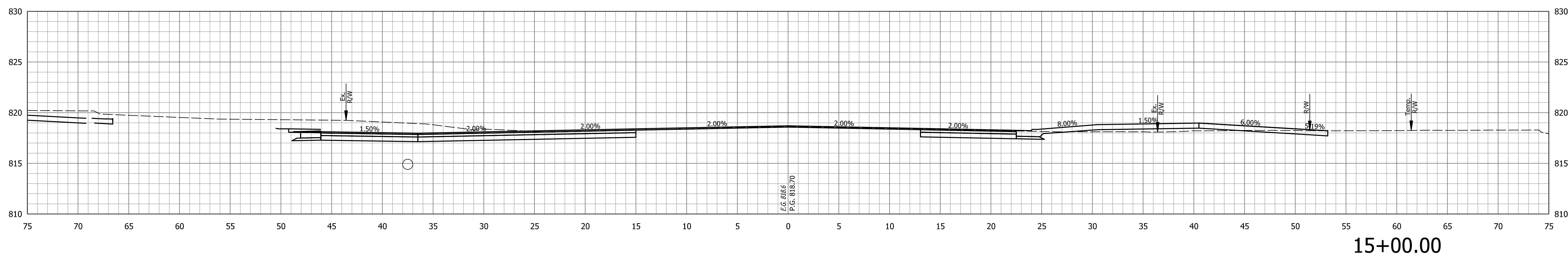
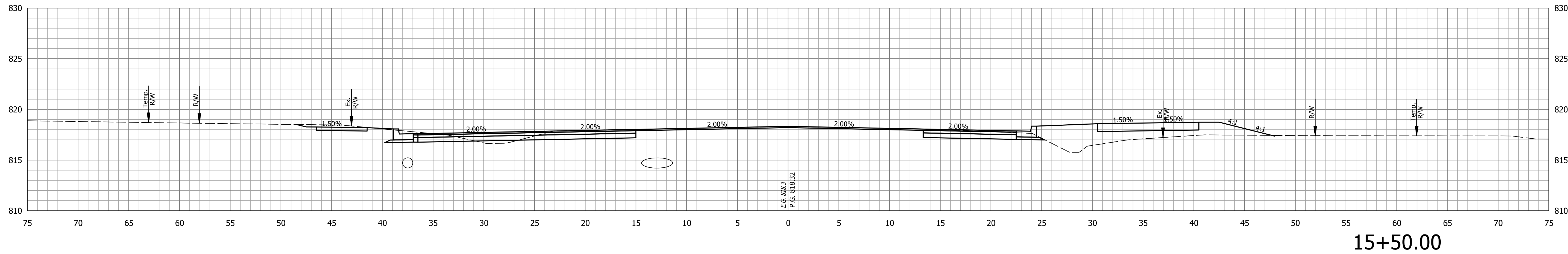
CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	113 of 159
CONTRACT	PROJECT
R-42163	1901705

STA. 13+31.00 TO STA. 14+00.00

Plot: 3/10/2023 1:00:39 PM By: huynhtk Pen: Transportation.tbl Model: Stage 2.XSS



STA. 14+50.00 TO STA. 15+50.00



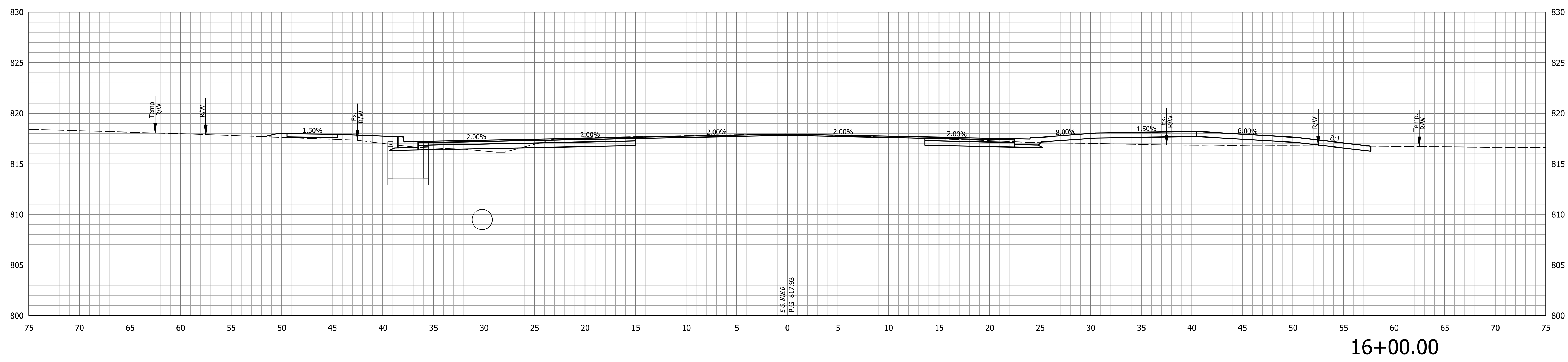
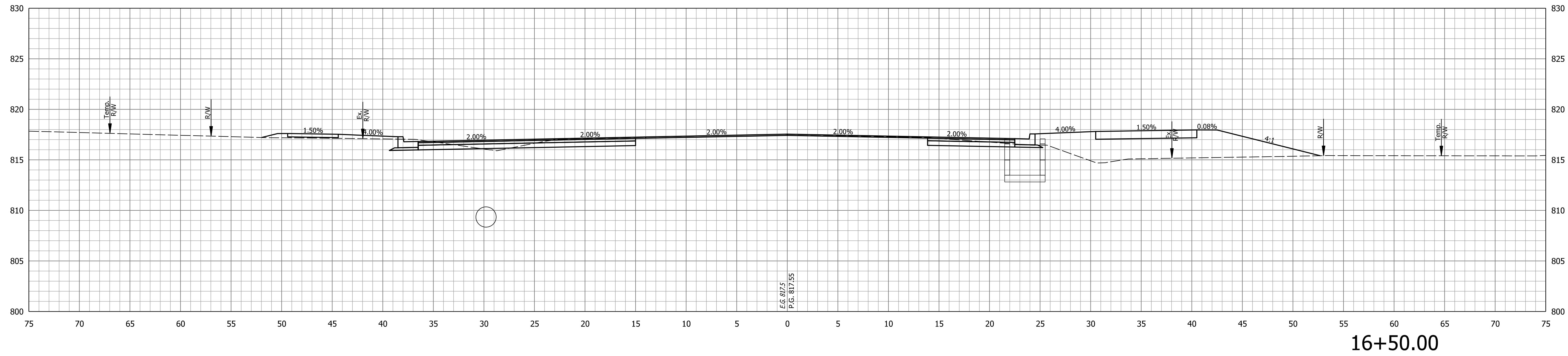
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

**CITY OF FORT WAYNE
 INDIANA**

**CROSS SECTIONS
 LINE "PR-A"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	114 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 1:00:40 PM By: huyhkt Model: Stage 2_XSS Pen: Transportation.tbl



STA. 16+00.00 TO STA. 16+50.00



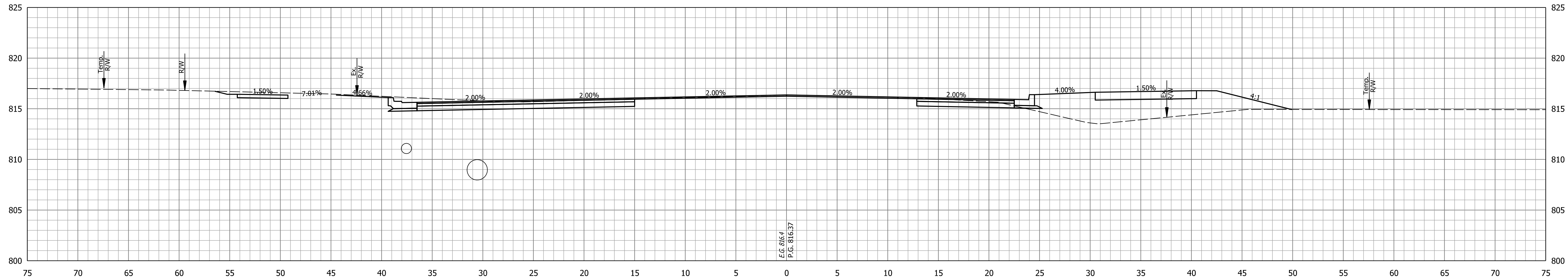
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

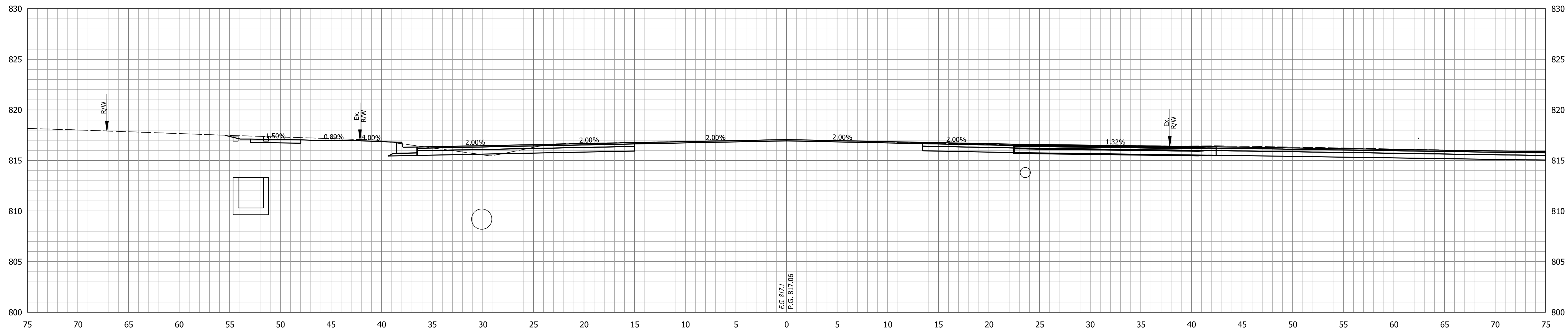
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	115 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc3/10/2023 1:00:41 PM By: huythkt Pen: Transportation.tbl Model: Stage 2.XSS



17+50.00

E.G. 816.4
 P.G. 816.37



17+00.00

E.G. 817.1
 P.G. 817.06

STA. 17+00.00 TO STA. 17+50.00



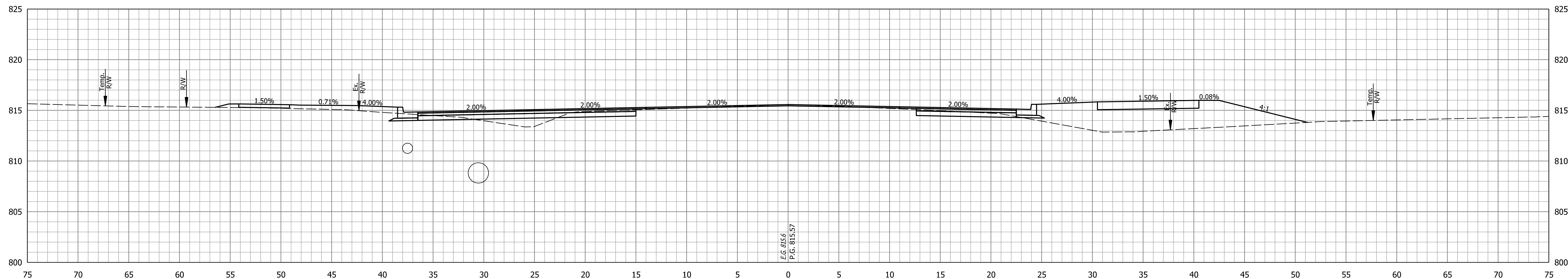
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA	DRAWN: KTH		
CHECKED: MJS	CHECKED: MJS		

CITY OF FORT WAYNE
INDIANA

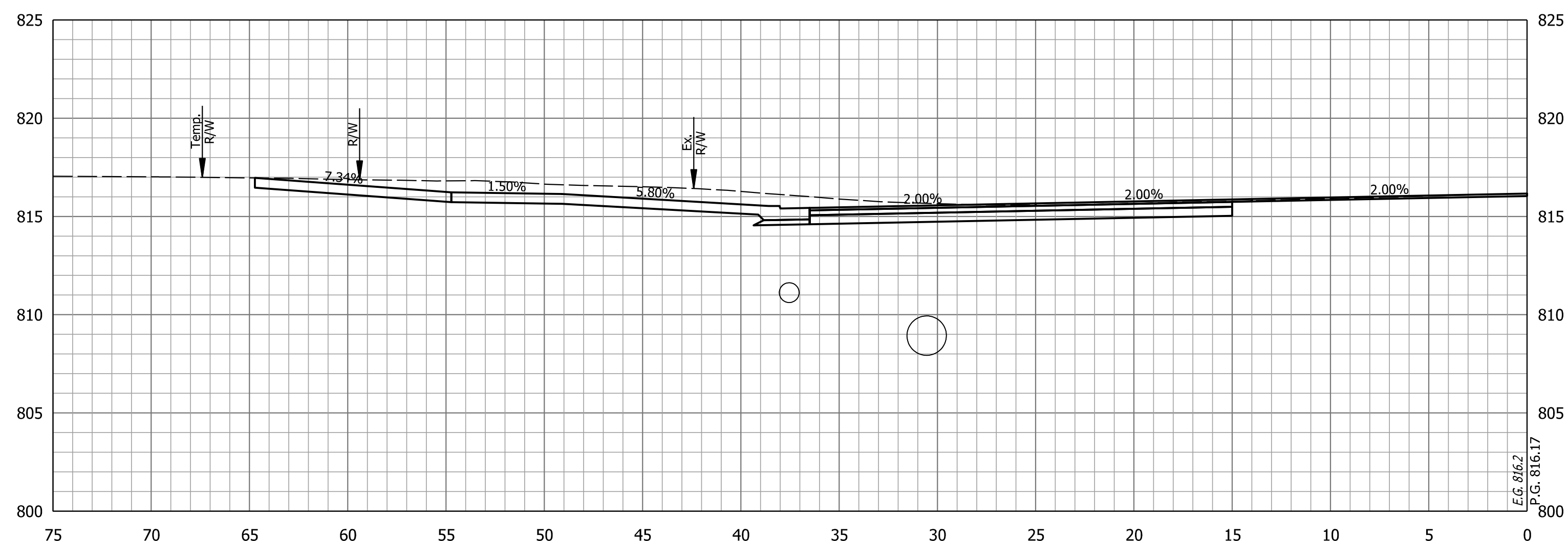
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 116 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:00:42 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2_XSS



18+00.00



17+62.67

STA. 17+62.67 TO STA. 18+00.00



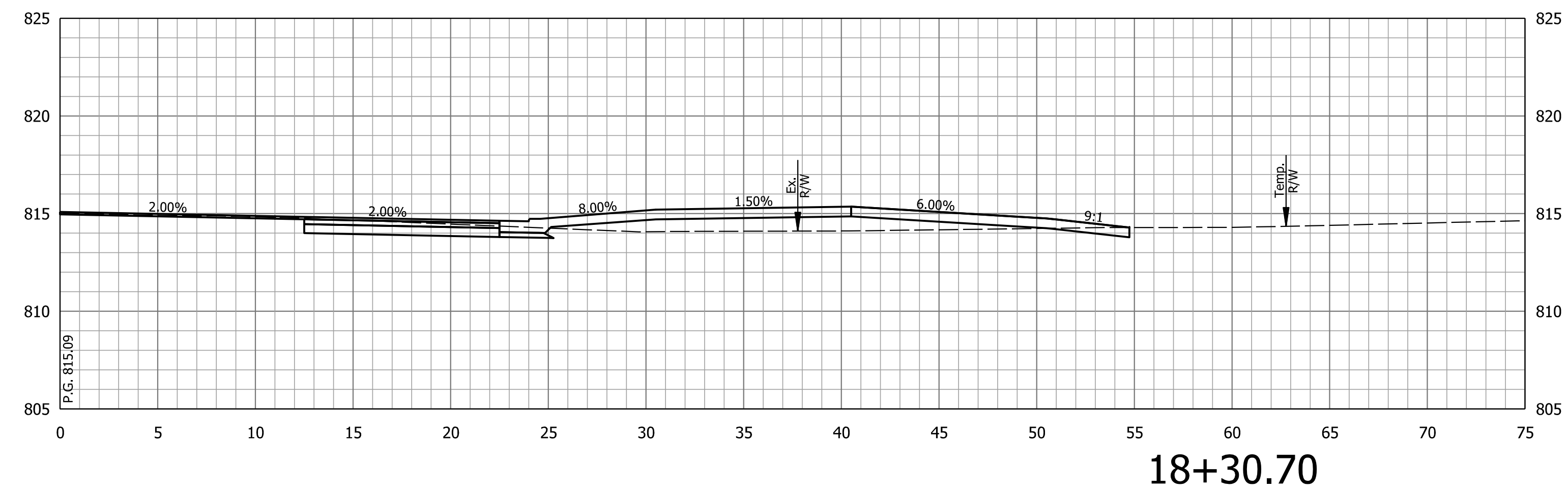
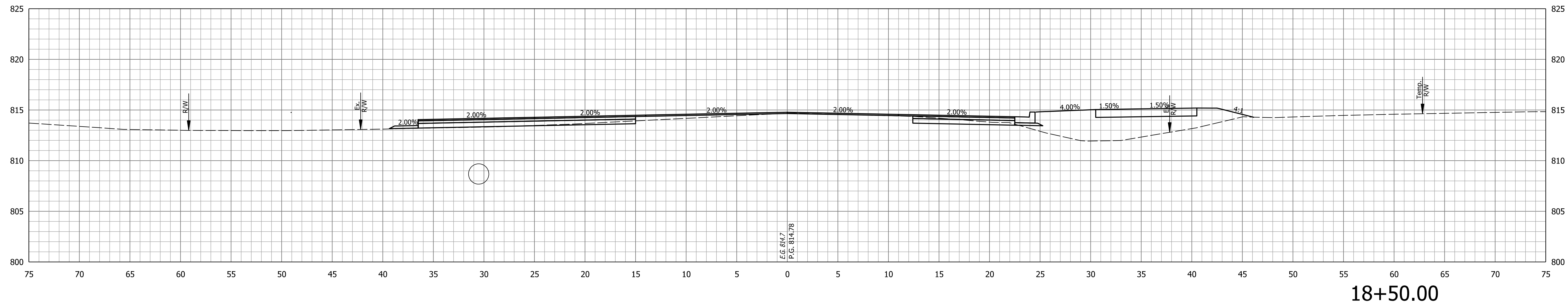
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
 INDIANA

 CROSS SECTIONS
 LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 117 of 159
CONTRACT R-42163	PROJECT 1901705

P10:3/10/2023 1:00:43 PM By: huynhkt Per: Transportation.tbl Model: Stage 2_XSS



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

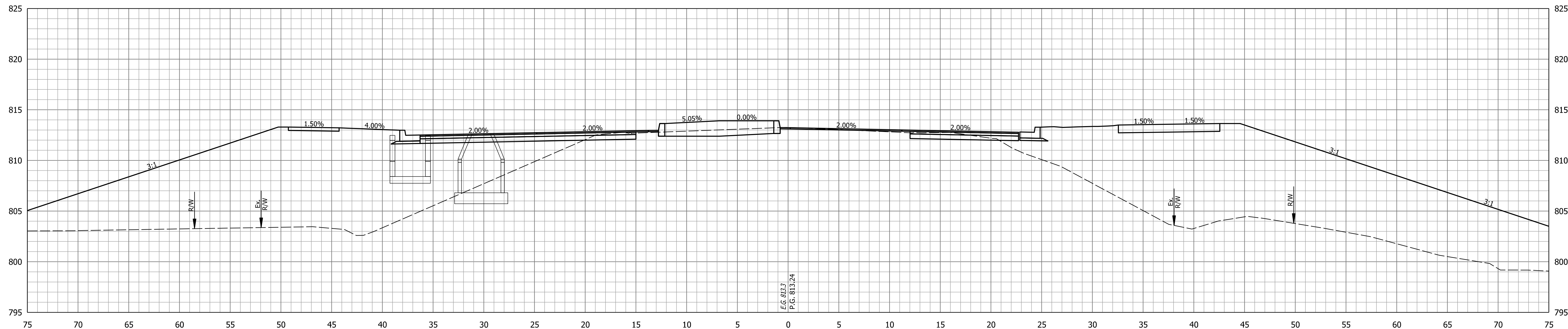
CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

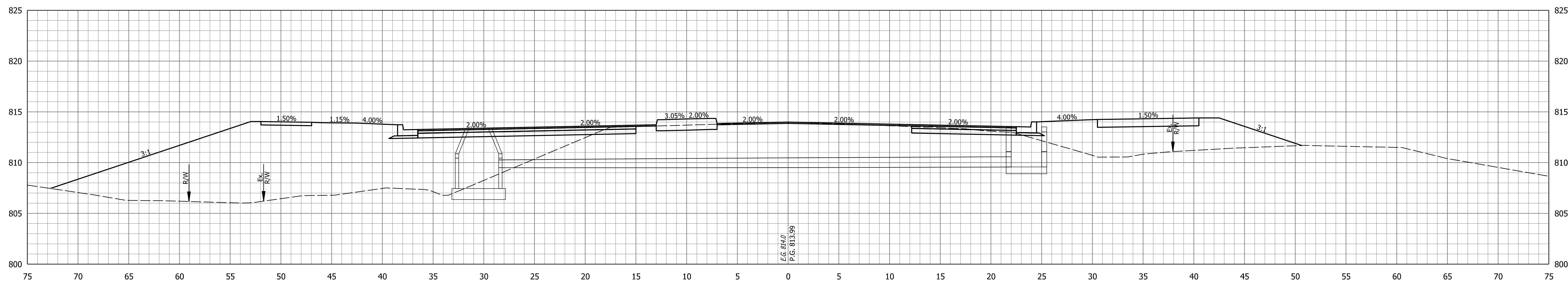
HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 118 of 159
CONTRACT R-42163	PROJECT 1901705

STA. 18+30.70 TO STA. 18+50.00

Plot: 3/10/2023 1:00:43 PM By: huynhkt Model: Stage 2_XSS Pen: Transportation.tbl



19+50.00



19+00.00

STA. 19+00.00 TO STA. 19+50.00



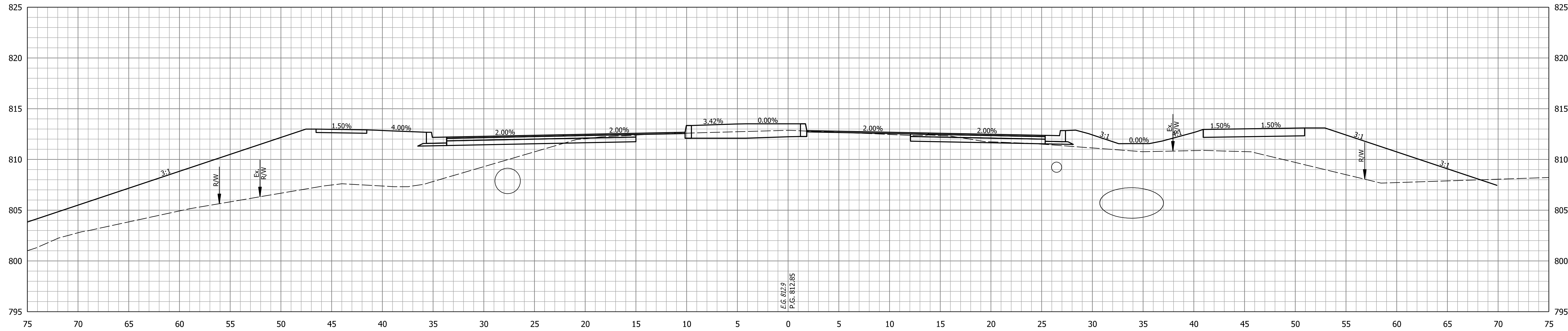
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

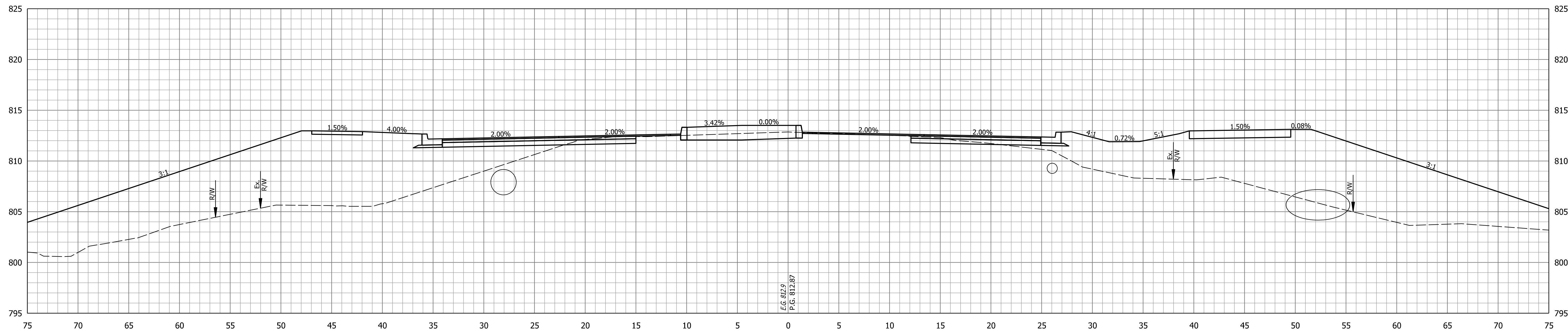
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 119 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:00:45 PM By: huynhkt Model: Stage 2_XSS Pen: Transportation.tbl



20+10.00



20+00.00

STA. 20+00.00 TO STA. 20+10.00



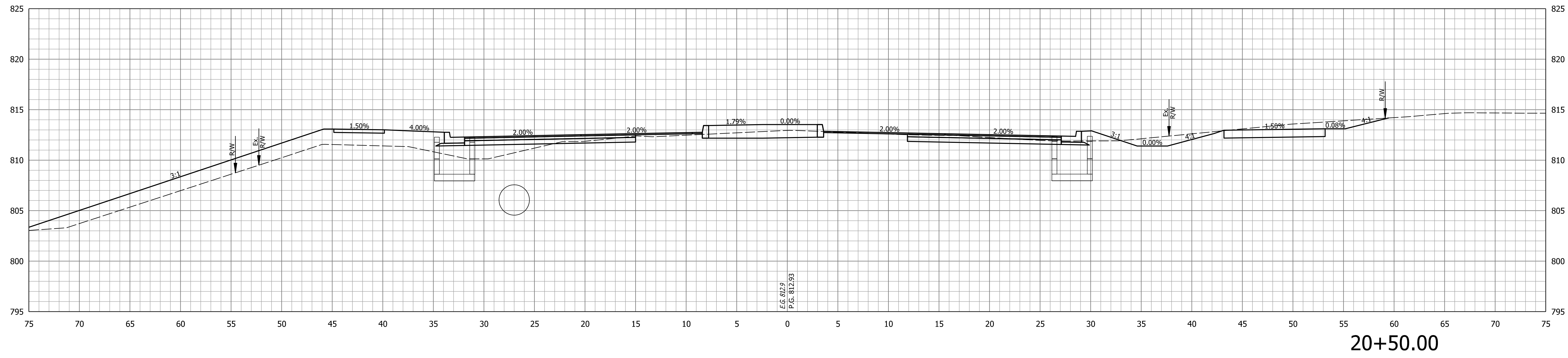
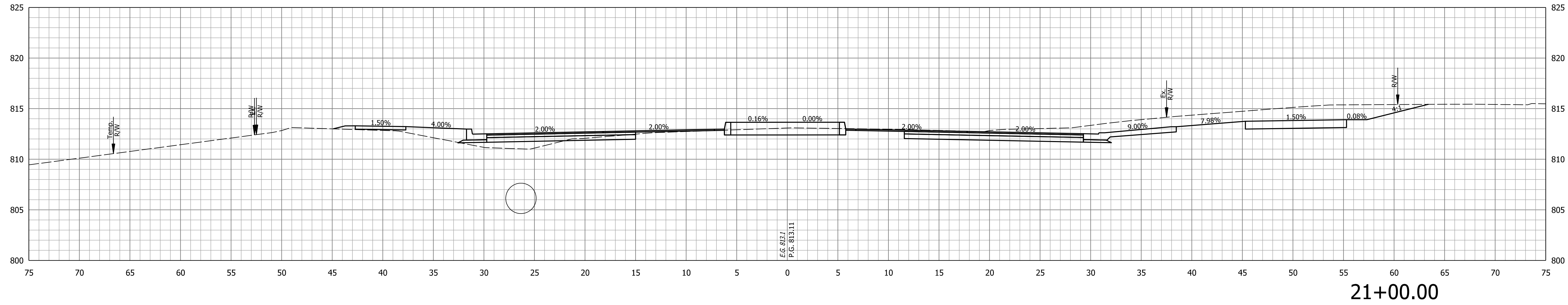
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	120 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:00:46 PM By: huythkt Model: Stage 2_XSS Pen: Transportation.tbl



STA. 20+50.00 TO STA. 21+00.00



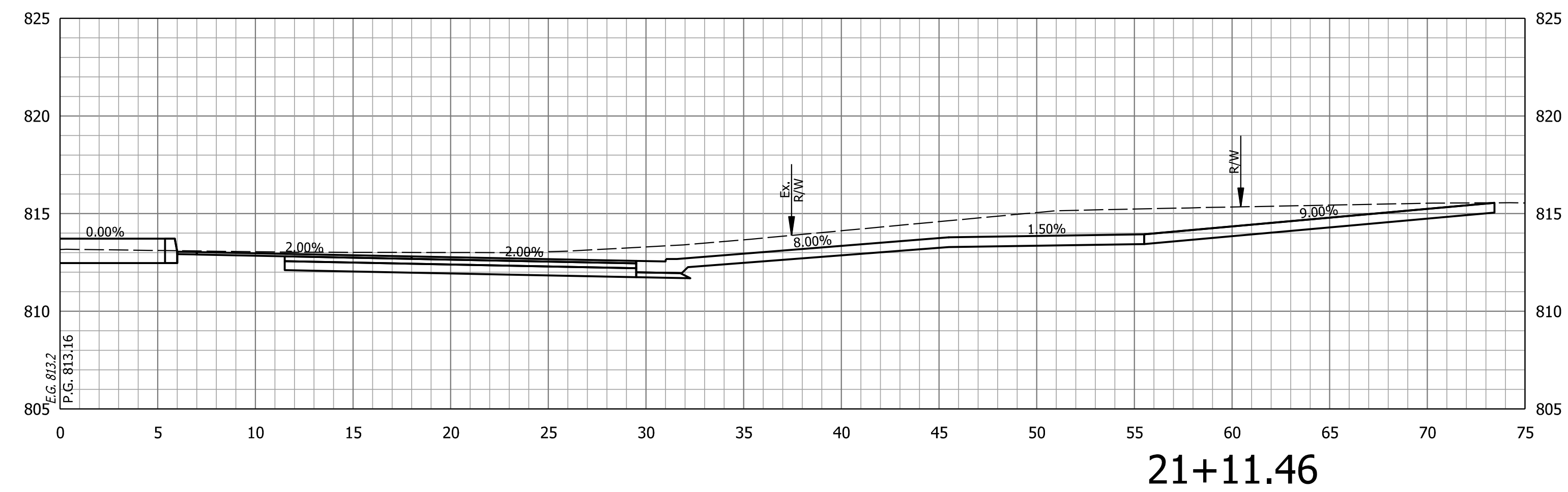
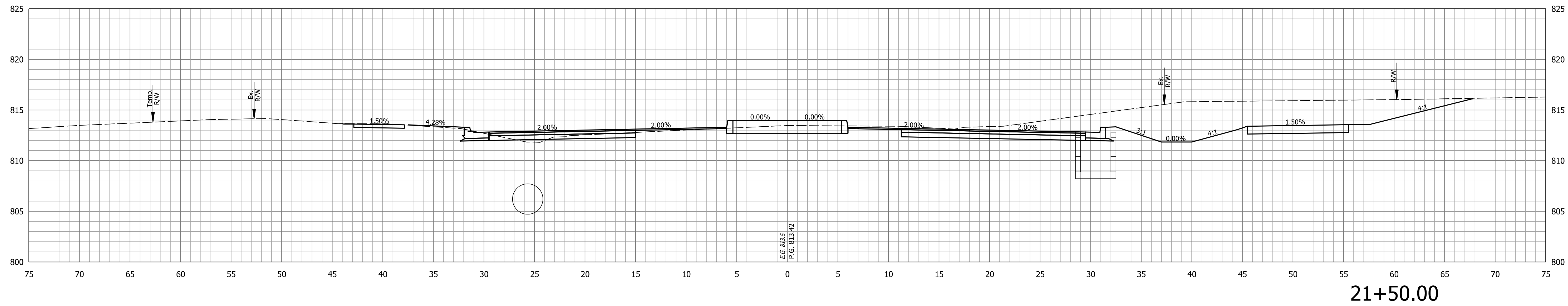
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	121 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:00:57 PM By: huynhkt Per: Transportation.tbl Model: Stage 2.XSS



STA. 21+11.46 TO STA. 21+50.00



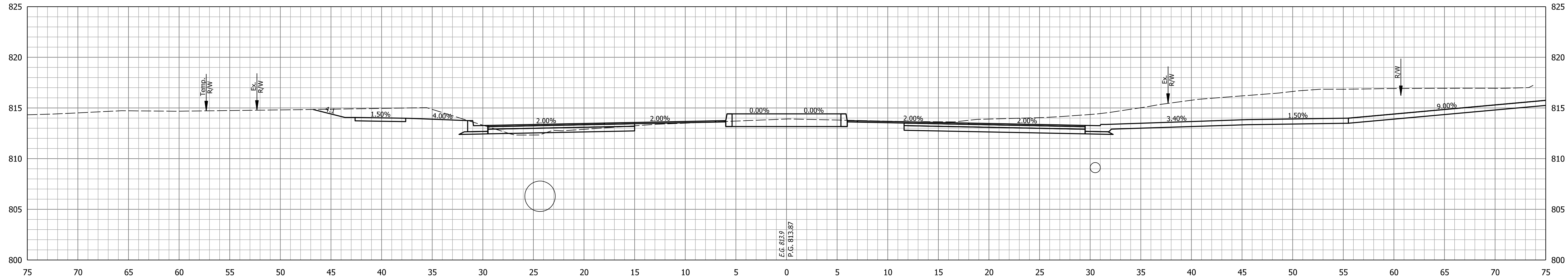
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

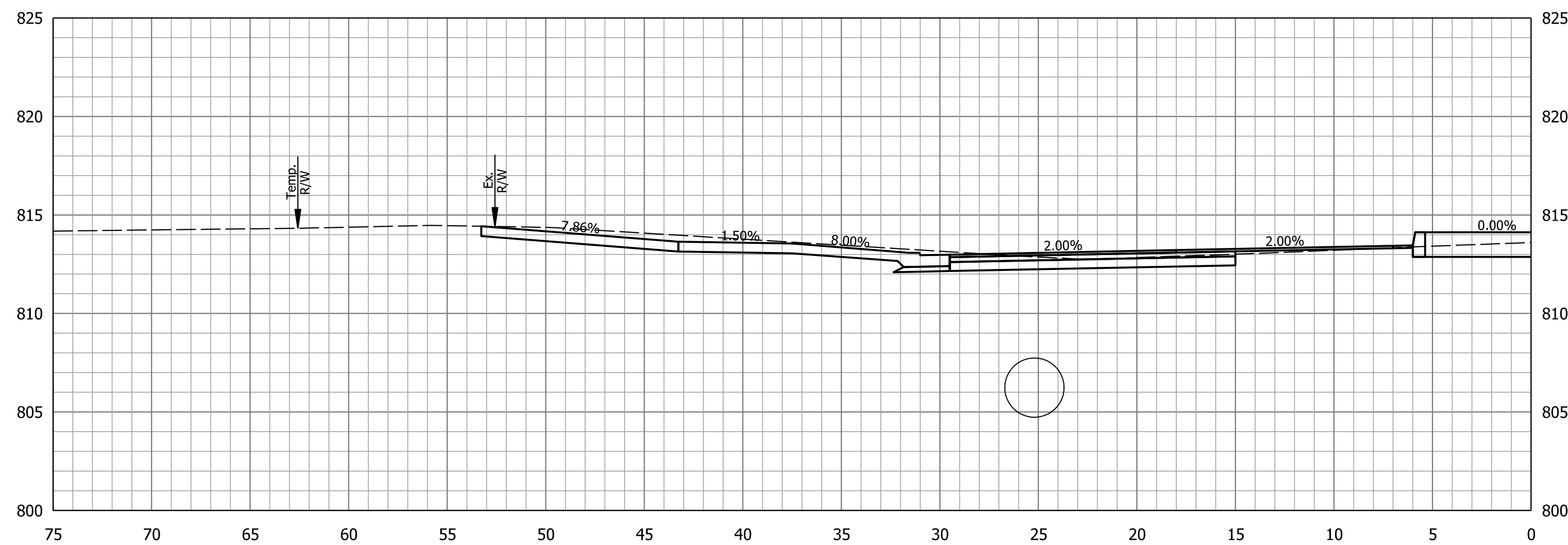
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 122 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:00:58 PM By: huythkt Pen: Transportation.tbl Model:Stage 2.XSS



22+00.00



21+67.70

STA. 21+67.70 TO STA. 22+00.00



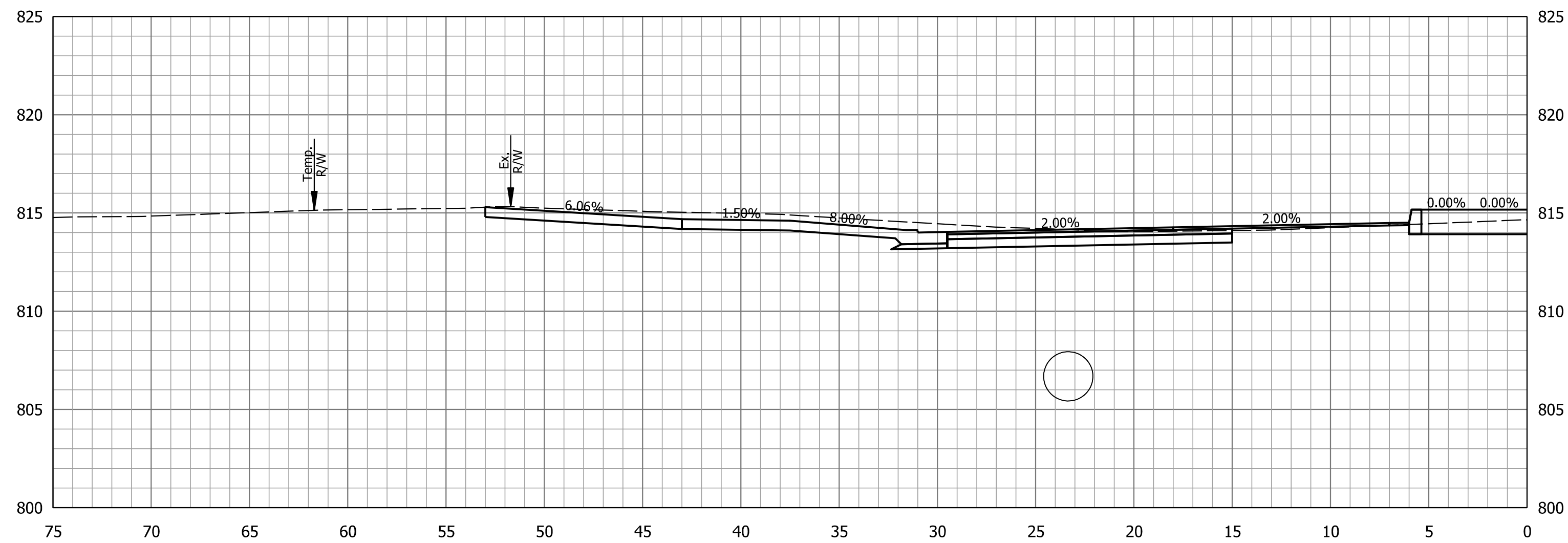
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

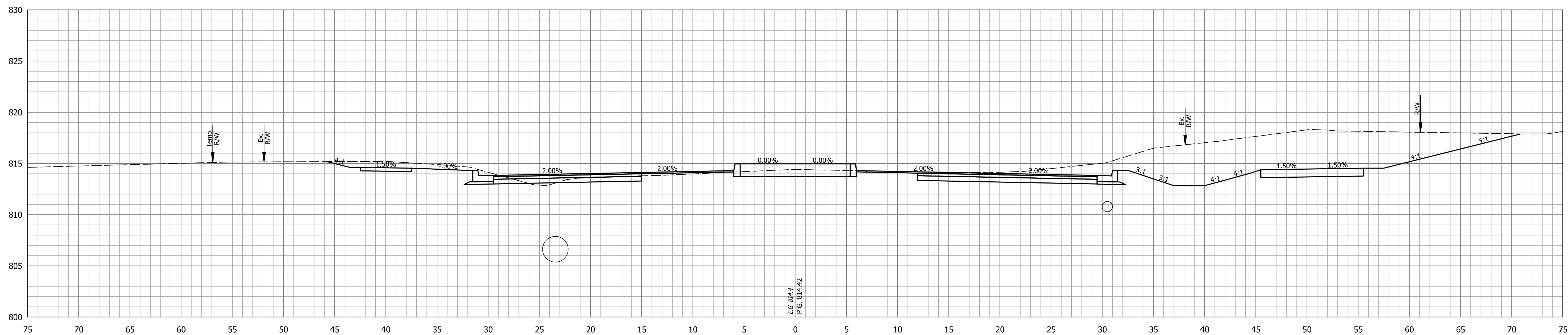
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 123 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:00:58 PM By: huythk Model:Stage 2_XSS Pen: Transportation.tbl



22+73.40



22+50.00

STA. 22+50.00 TO STA. 22+73.40



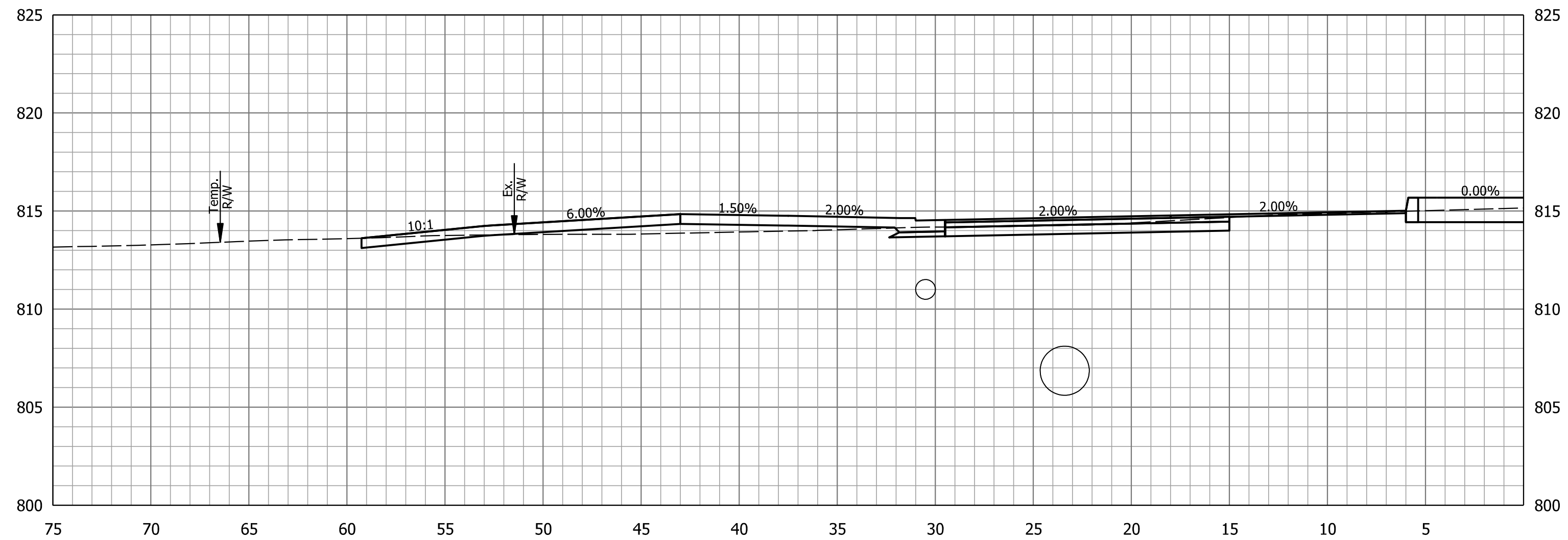
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

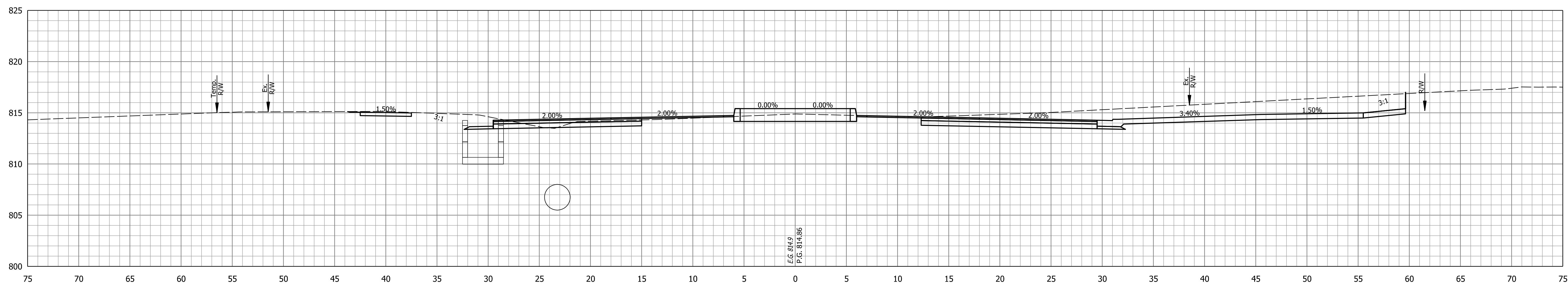
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 124 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:00:59 PM By: huynhkt Model: Stage 2_XSS Pen: Transportation.tbl



23+41.15



23+00.00

STA. 23+00.00 TO STA. 23+41.15



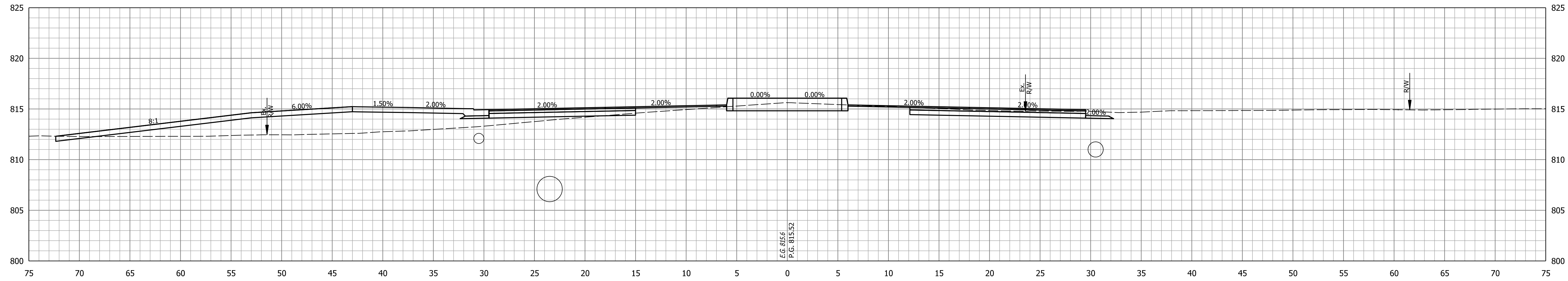
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

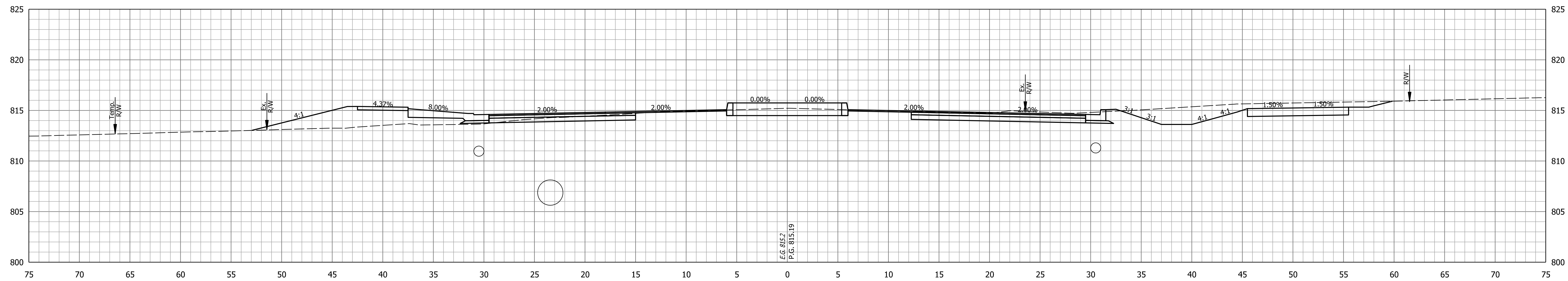
HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 125 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:00 PM By: huyntk Model: Stage 2_XSS Pen: Transportation.tbl



24+00.00

E.G. 815.6
P.G. 815.52



23+50.00

E.G. 815.2
P.G. 815.19

STA. 23+50.00 TO STA. 24+00.00



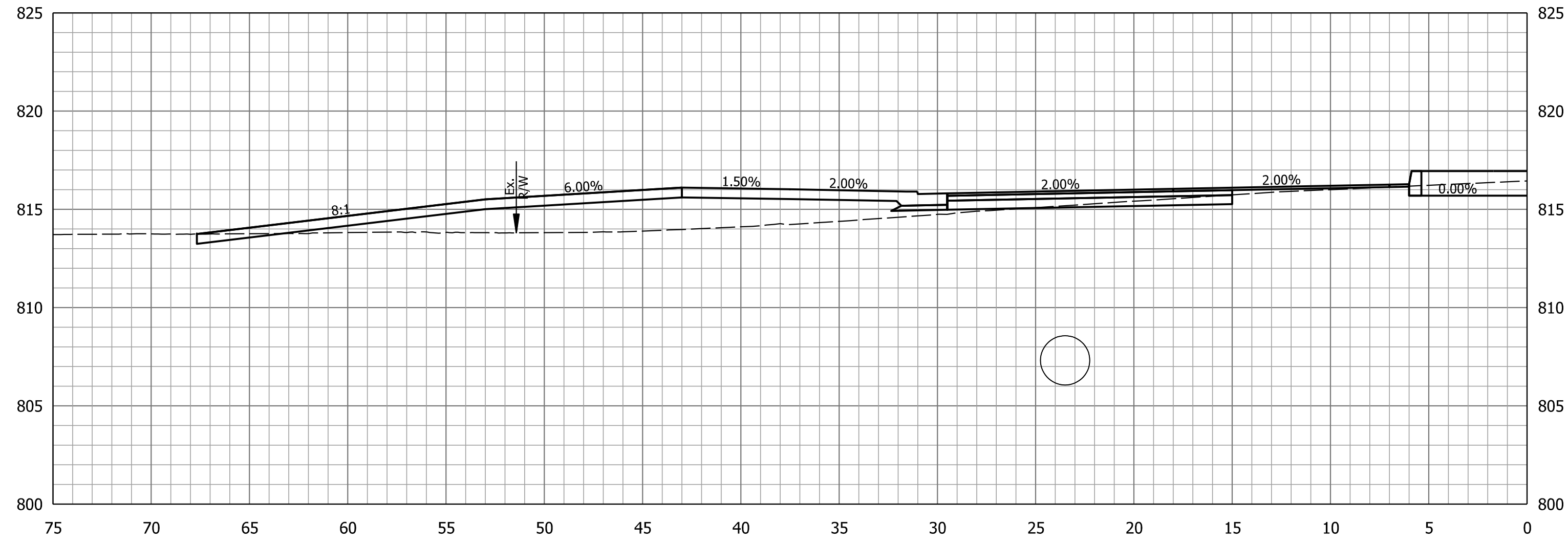
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

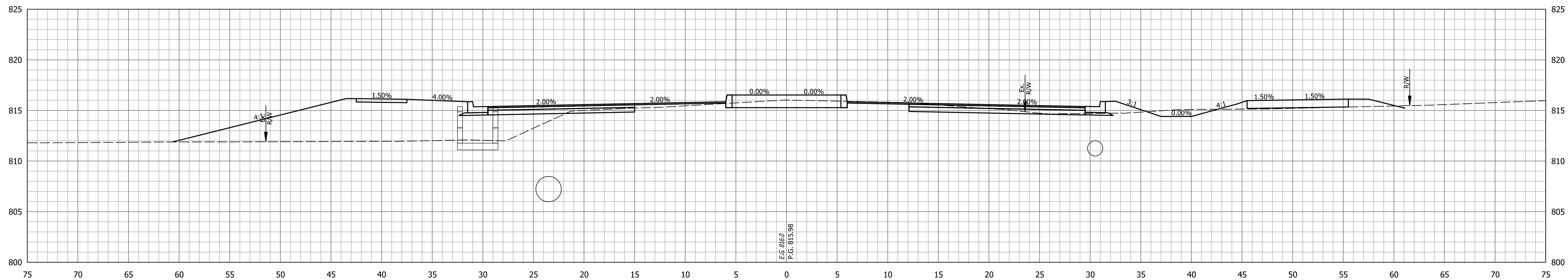
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 126 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:01 PM By: huyntk Model: Stage 2_XSS Pen: Transportation.tbl



24+84.20



24+50.00

STA. 24+50.00 TO STA. 24+84.20



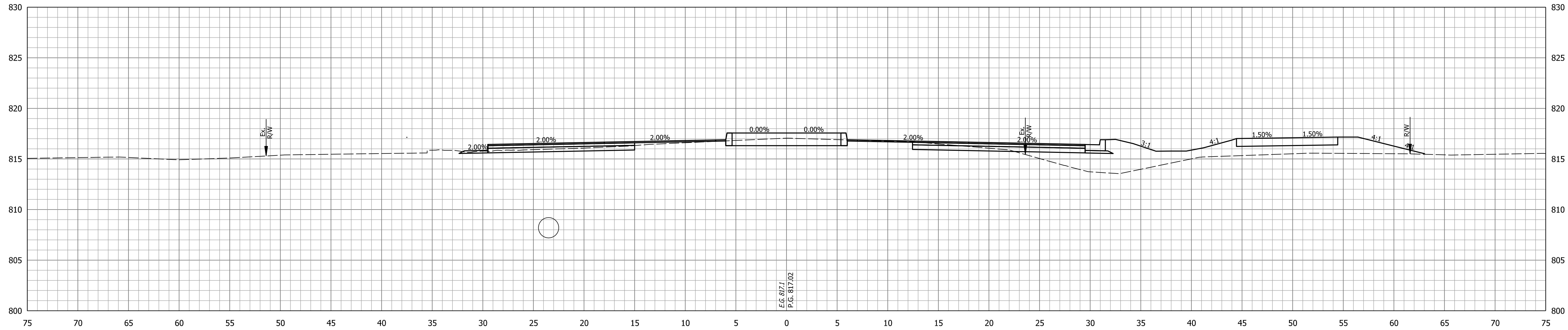
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

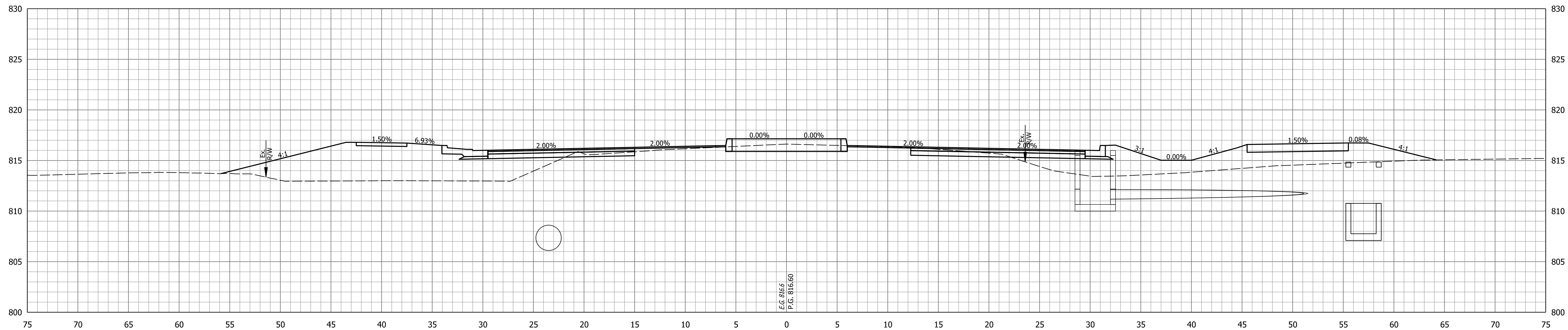
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 127 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:02 PM By: huythkt Model: Stage 2_XSS Pen: Transportation.tbl



25+50.00



25+00.00

STA. 25+00.00 TO STA. 25+50.00

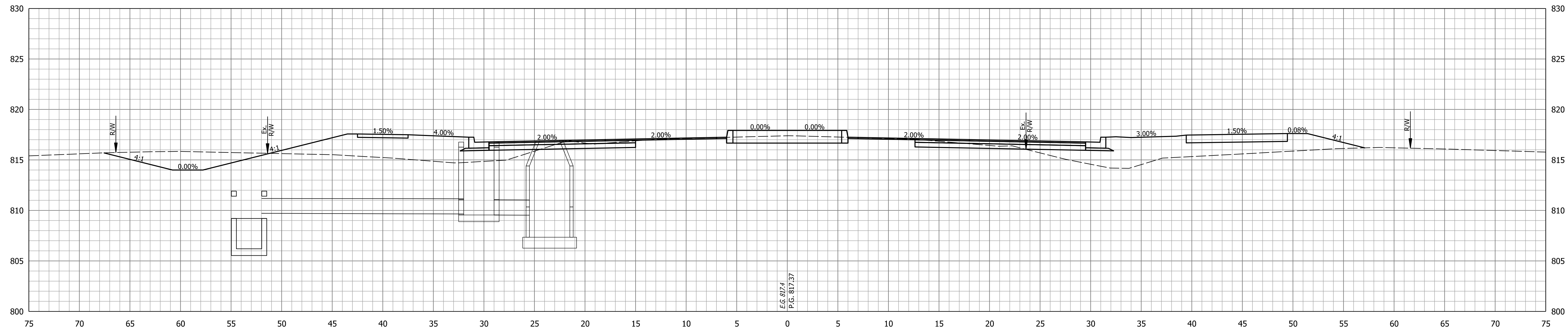


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

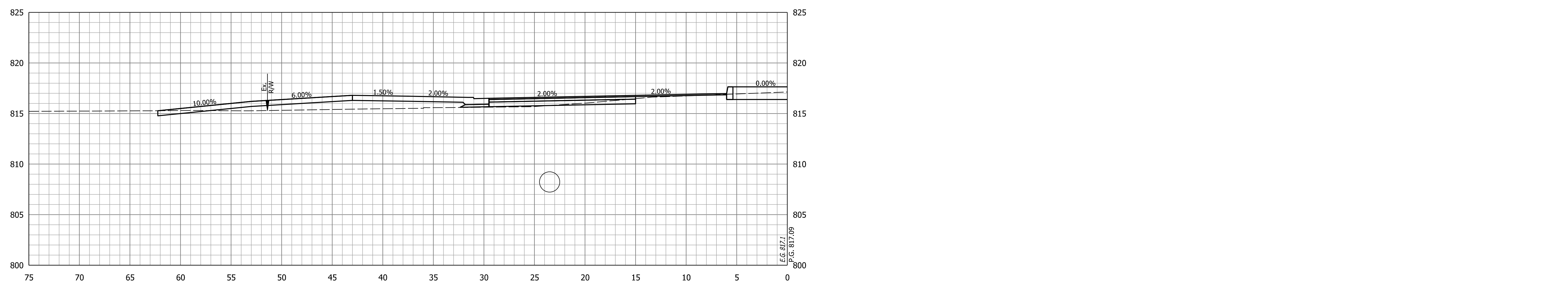
CITY OF FORT WAYNE INDIANA
 CROSS SECTIONS LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	128 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:01:03 PM By: huyntkt Pen: Transportation.tbl Model: Stage 2.XSS



26+00.00



25+60.03

STA. 25+60.03 TO STA. 26+00.00



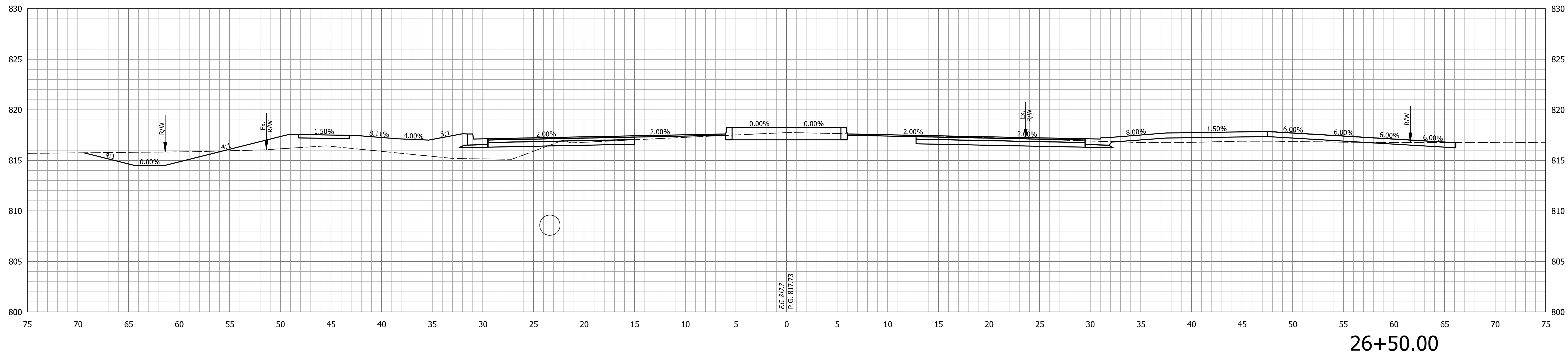
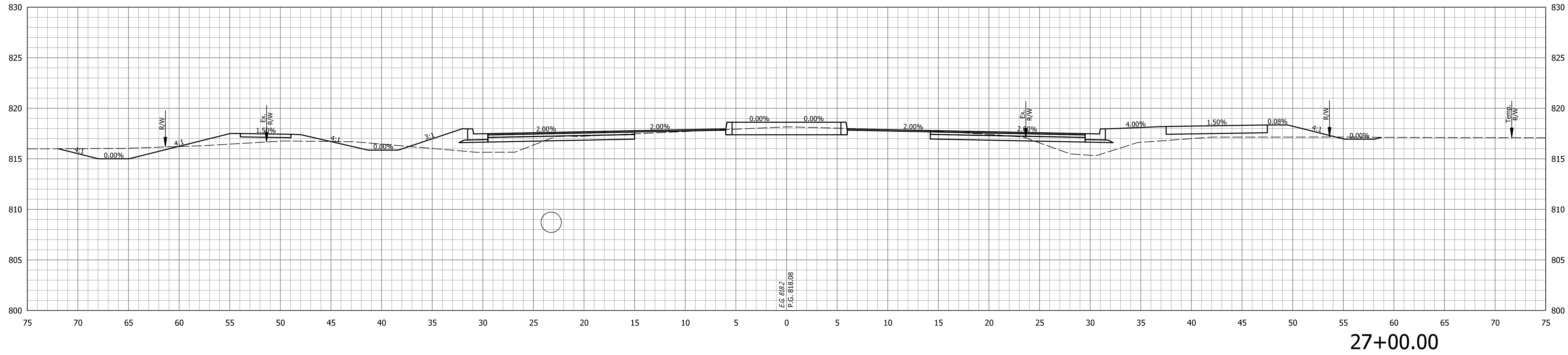
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 129 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:01:03 PM By: huynhkt Per: Transportation.tbl Model: Stage 2_XSS



STA. 26+50.00 TO STA. 27+00.00



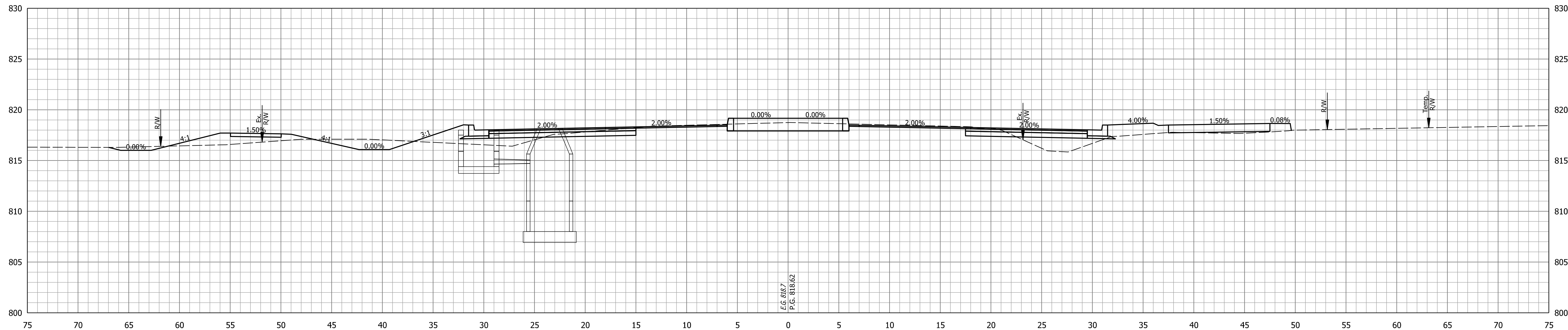
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

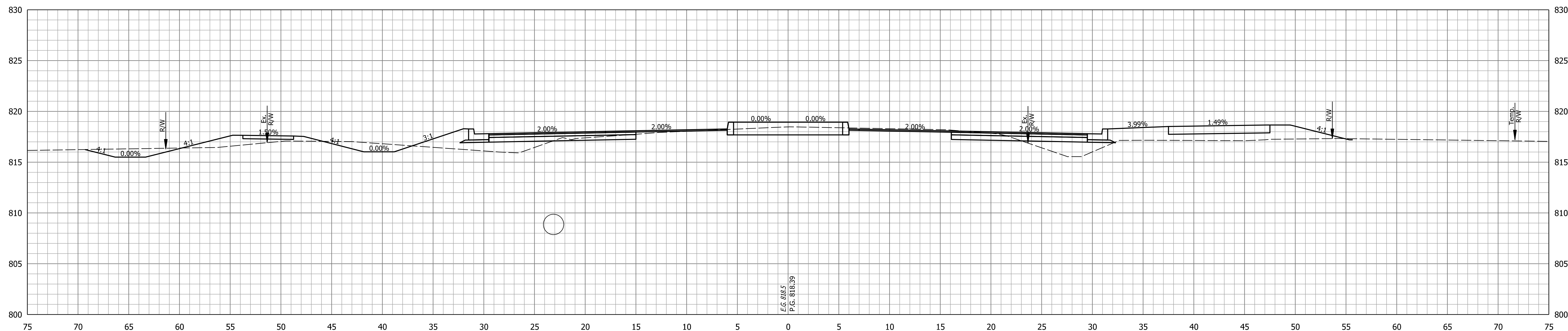
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 130 of 159
CONTRACT R-42163	PROJECT 1901705

Plc3/10/2023 1:01:04 PM By: huythkt Pen: Transportation.tbl Model: Stage 2.XSS



28+00.00



27+50.00

STA. 27+50.00 TO STA. 28+00.00



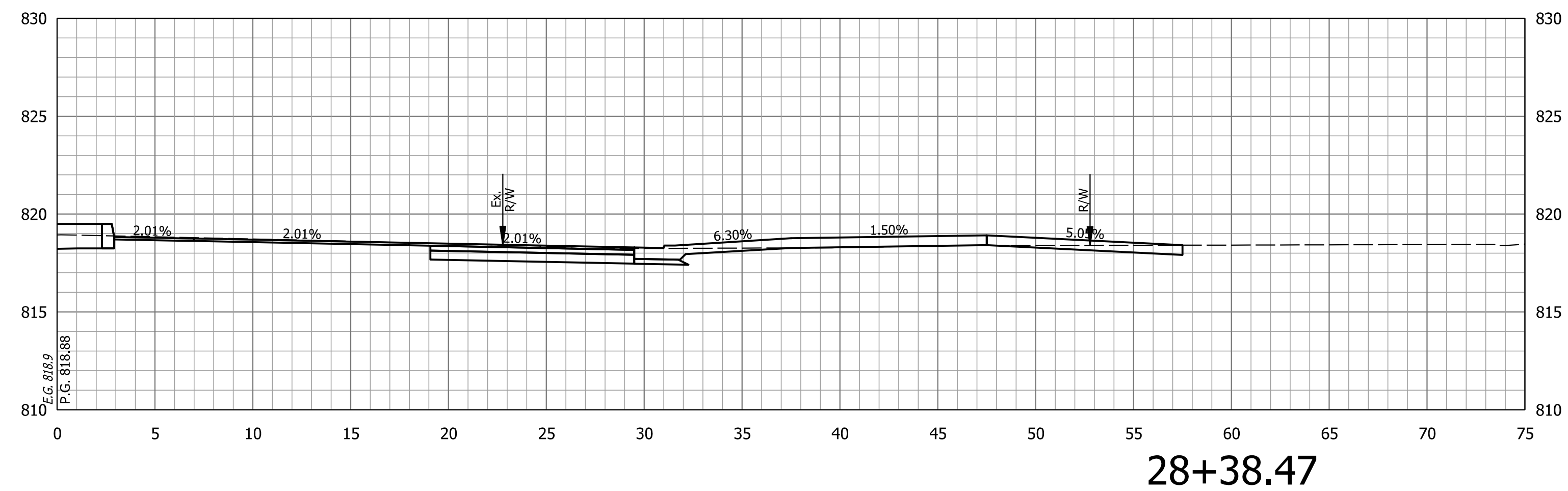
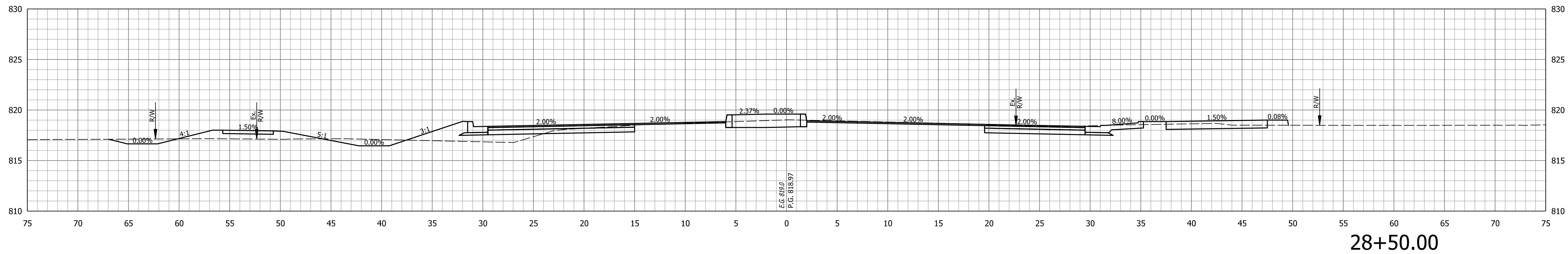
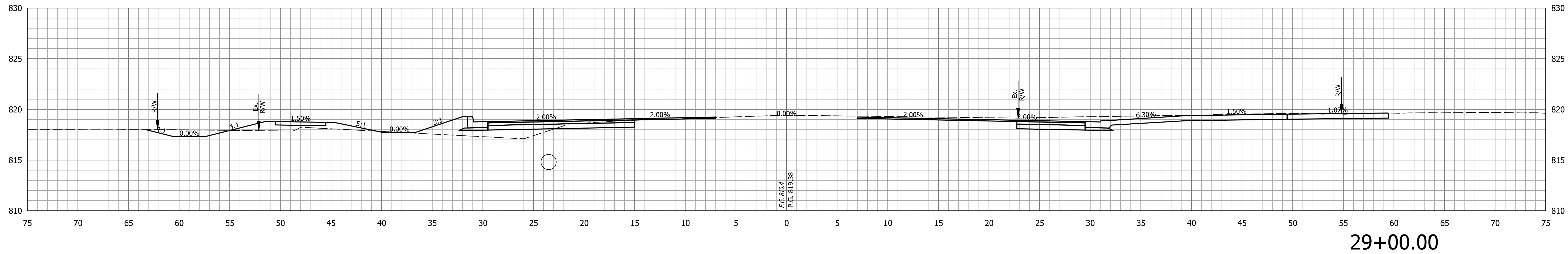
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BOA	DRAWN: KTH	
CHECKED: MJS	CHECKED: MJS	

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	131 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:01:05 PM By: huythkt Pen: Transportation.tbl Model: Stage 2.XSS



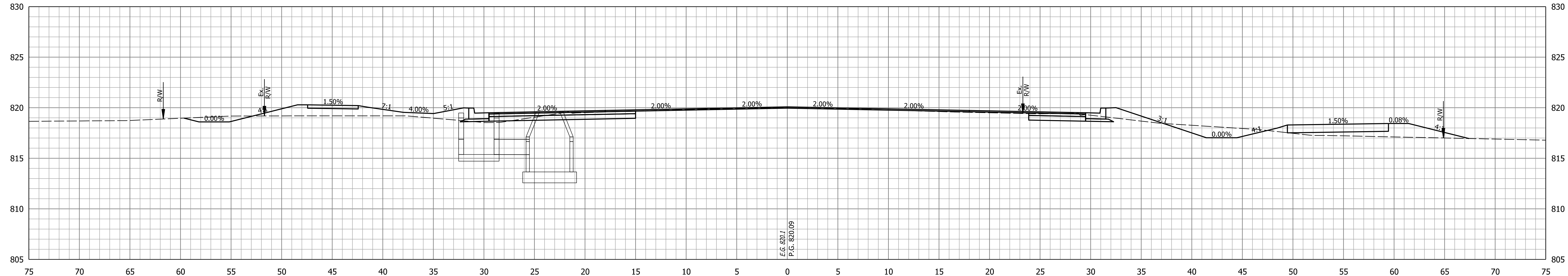
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
 INDIANA

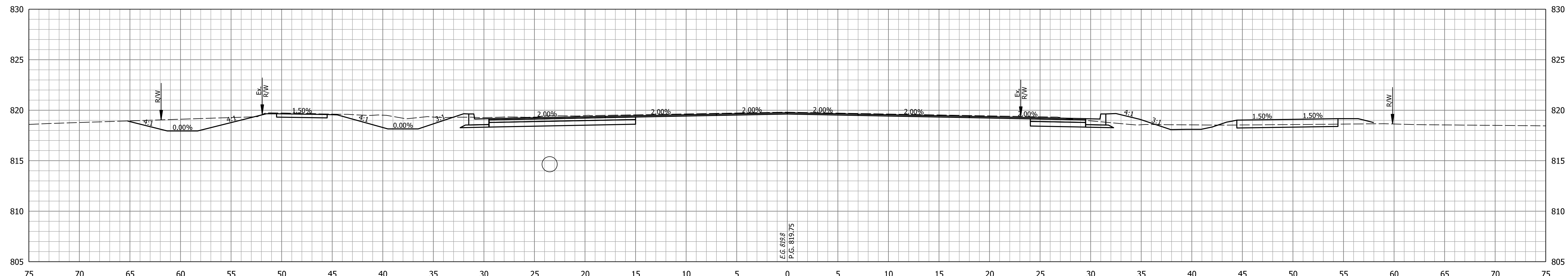
CROSS SECTIONS
 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	132 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:01:06 PM By: huyntkt Model: Stage 2_XSS Pen: Transportation.tbl



30+00.00



29+50.00

STA. 29+50.00 TO STA. 30+00.00



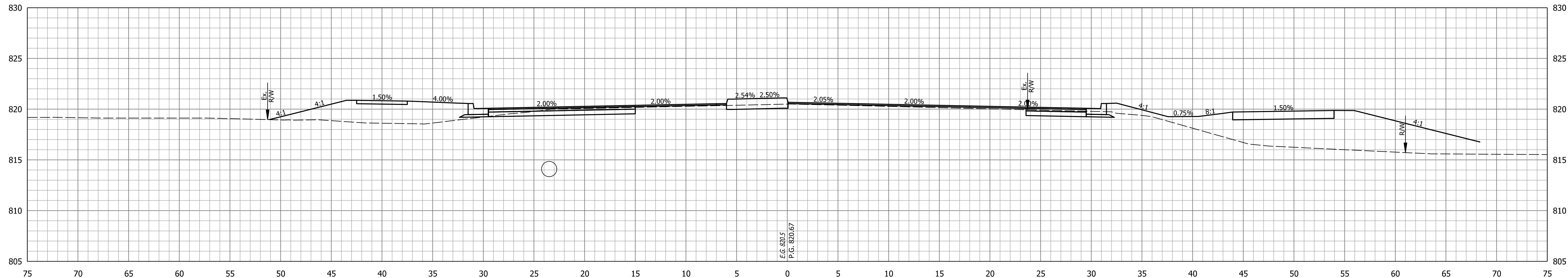
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

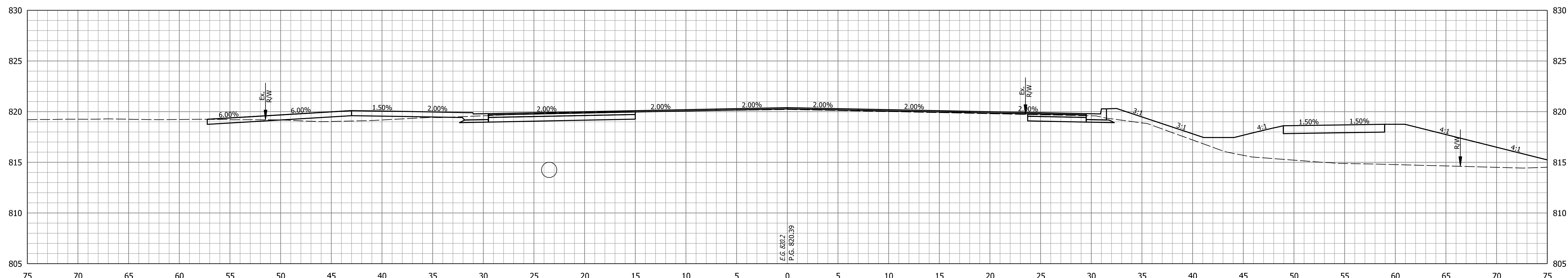
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 133 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:07 PM By: huynhkt Model: Stage 2_XSS Pen: Transportation.tbl



31+00.00



30+50.00

STA. 30+50.00 TO STA. 31+00.00



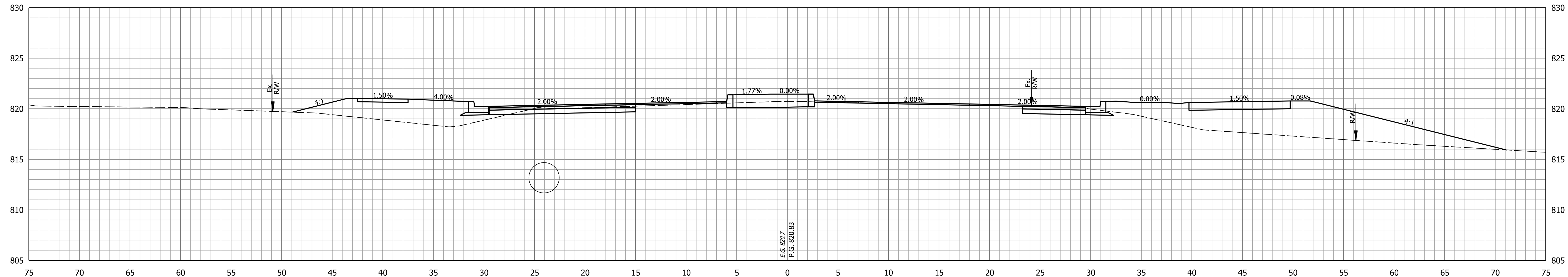
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

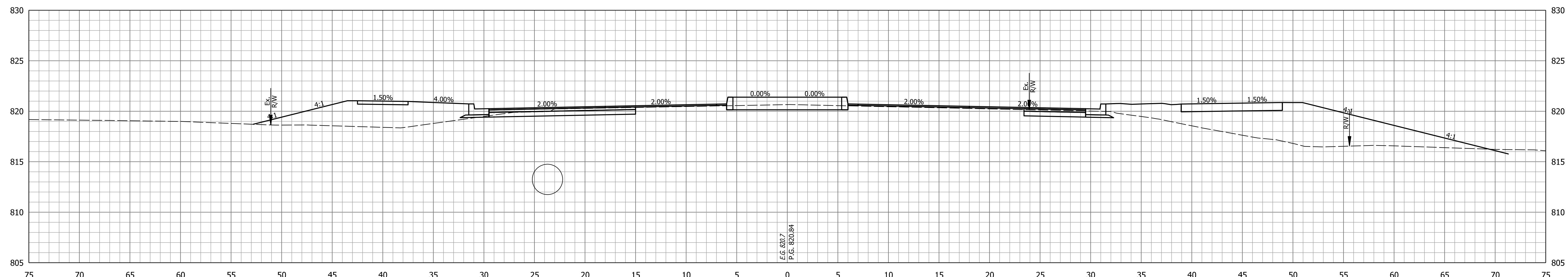
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	134 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:01:08 PM By: huyntkt Model: Stage 2_XSS Pen: Transportation.tbl



32+00.00



31+50.00

STA. 31+50.00 TO STA. 32+00.00



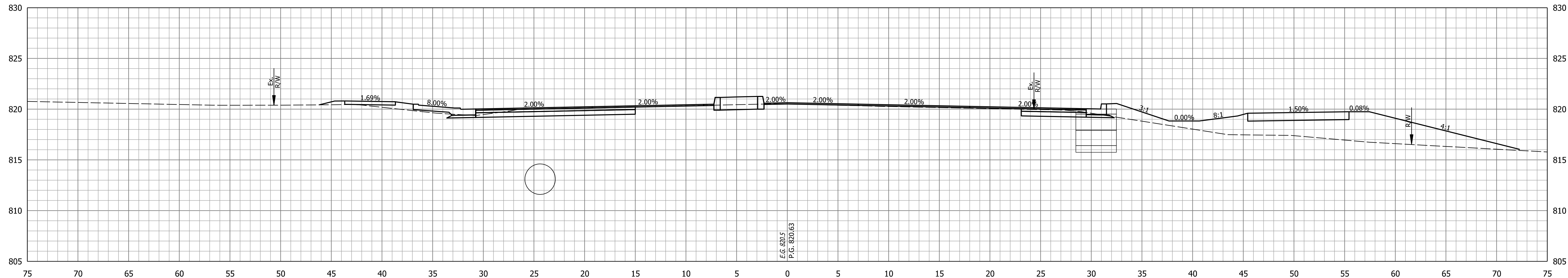
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

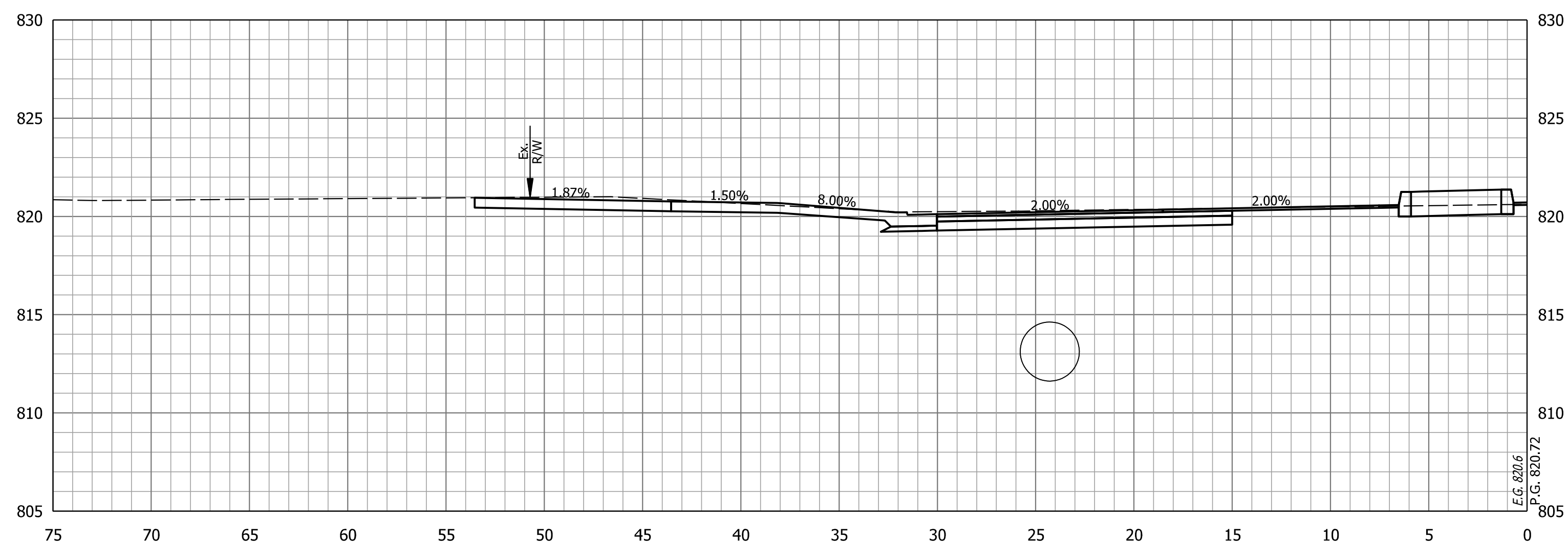
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 135 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:09 PM By: huyntkt Pen: Transportation.tbl Model: Stage 2_XSS



32+50.00



32+33.88



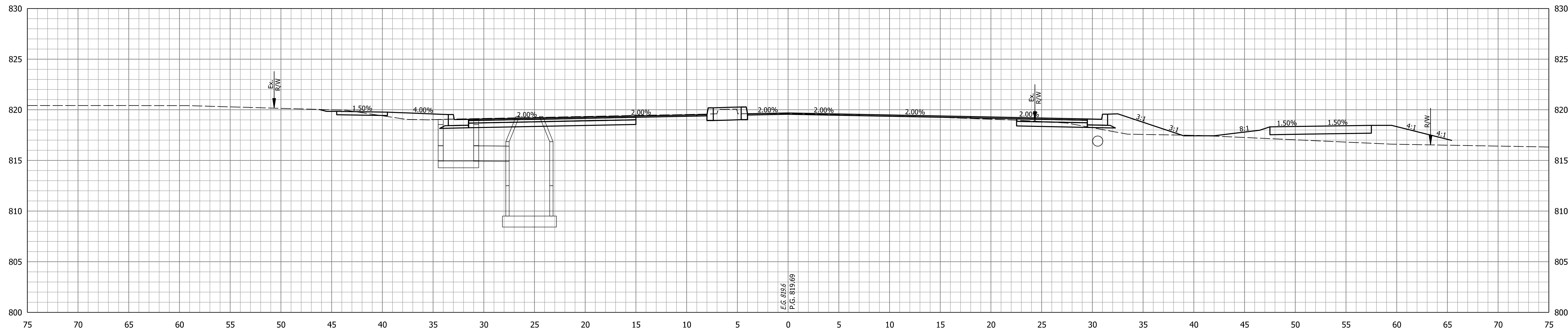
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

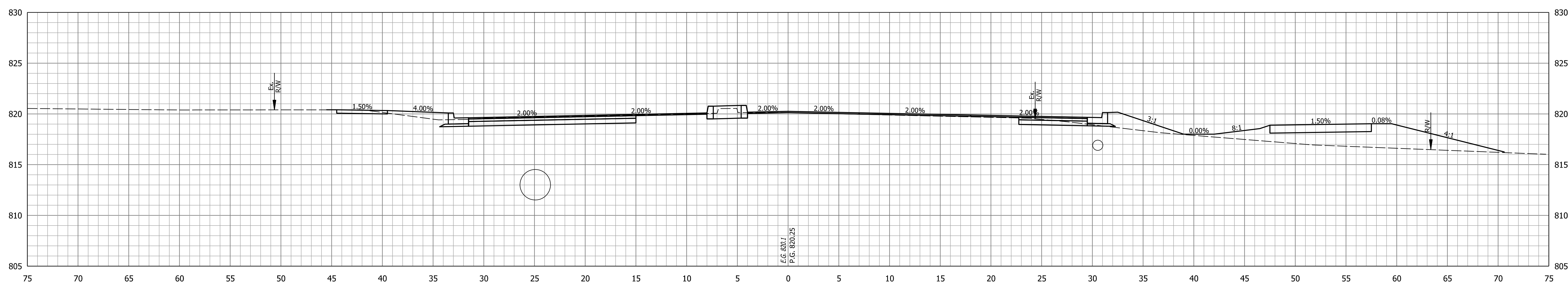
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 136 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:10 PM By: huythkt Model: Stage 2_XSS Pen: Transportation.tbl



33+50.00



33+00.00

STA. 33+00.00 TO STA. 33+50.00



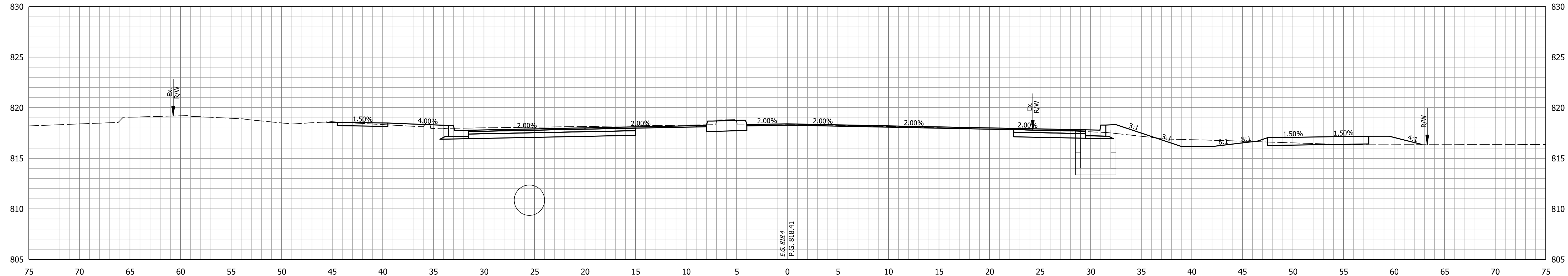
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

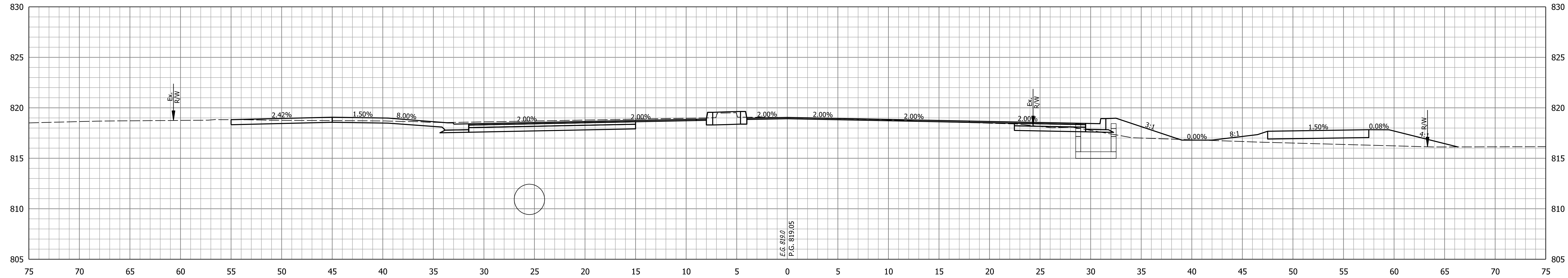
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 137 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:11 PM By: huythkt Model: Stage 2_XSS Pen: Transportation.tbl



34+50.00



34+00.00

STA. 34+00.00 TO STA. 34+50.00



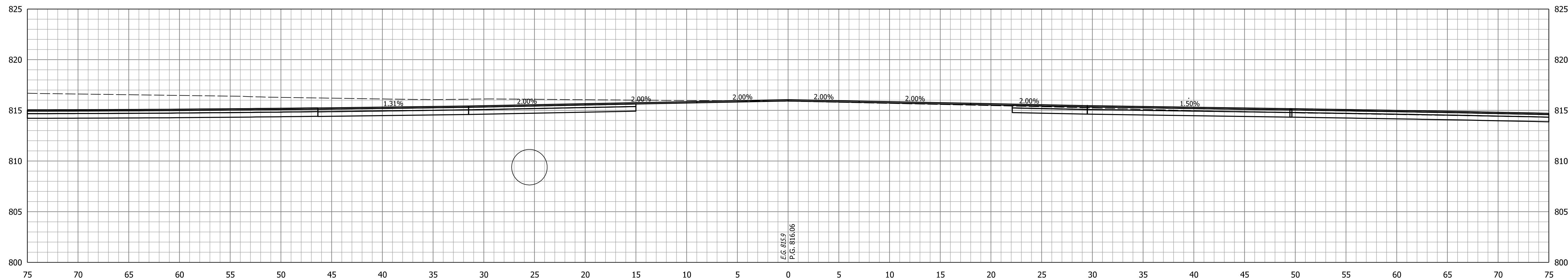
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

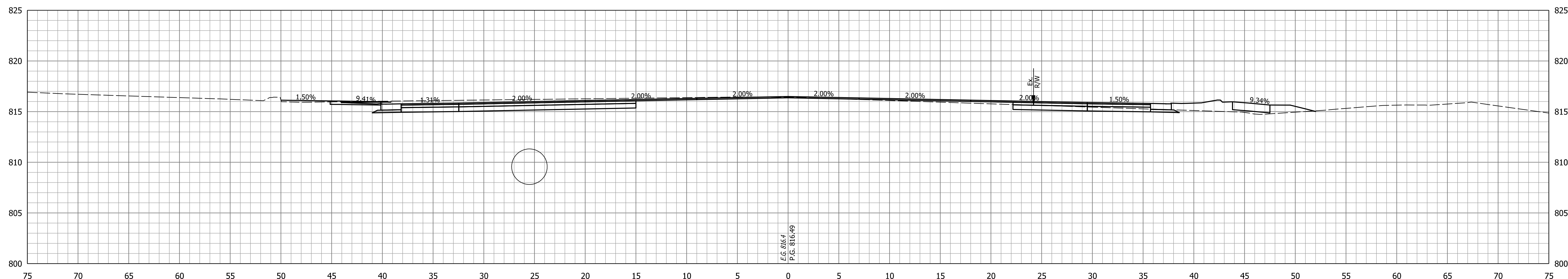
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 138 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:01:13 PM By: huyhkt Model:Stage 2_XSS Pen: Transportation.tbl



36+50.00



36+00.00

STA. 36+00.00 TO STA. 36+50.00

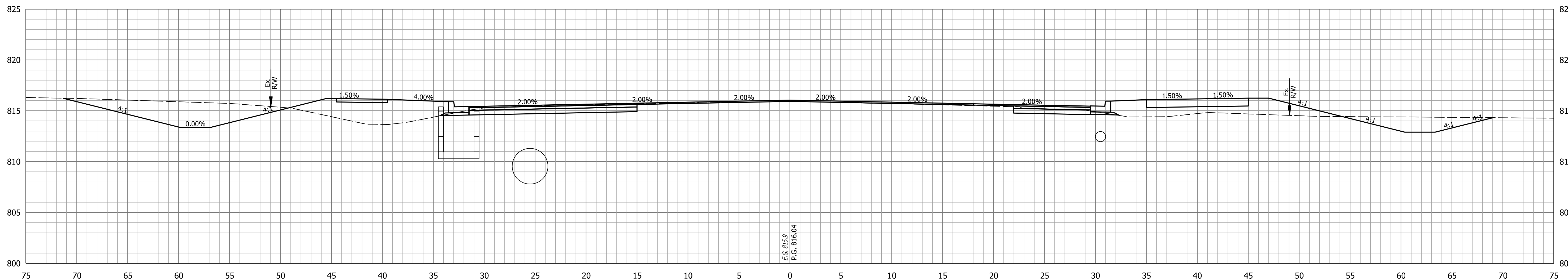


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
 INDIANA
 CROSS SECTIONS
 LINE "PR-A"

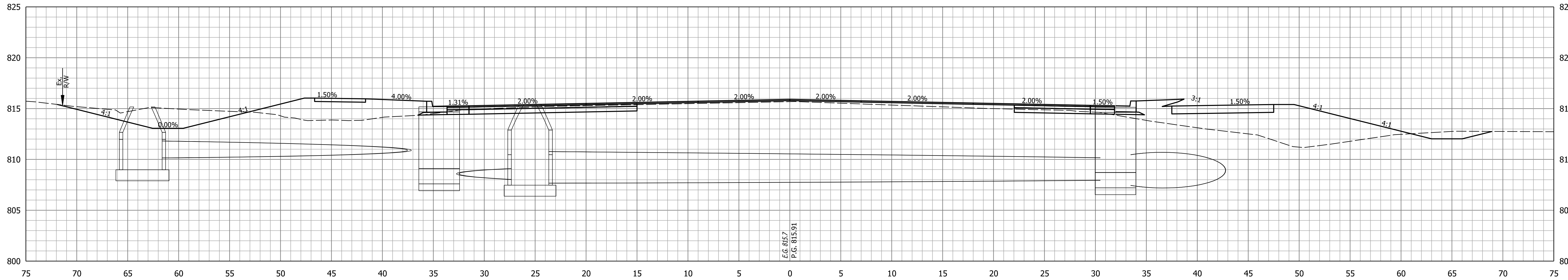
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	140 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:01:14 PM By: huythkt Model: Stage 2_XSS Pen: Transportation.tbl



37+50.00

E.G. 815.9
 P.G. 816.04



37+00.00

E.G. 815.7
 P.G. 815.91

STA. 37+00.00 TO STA. 37+50.00



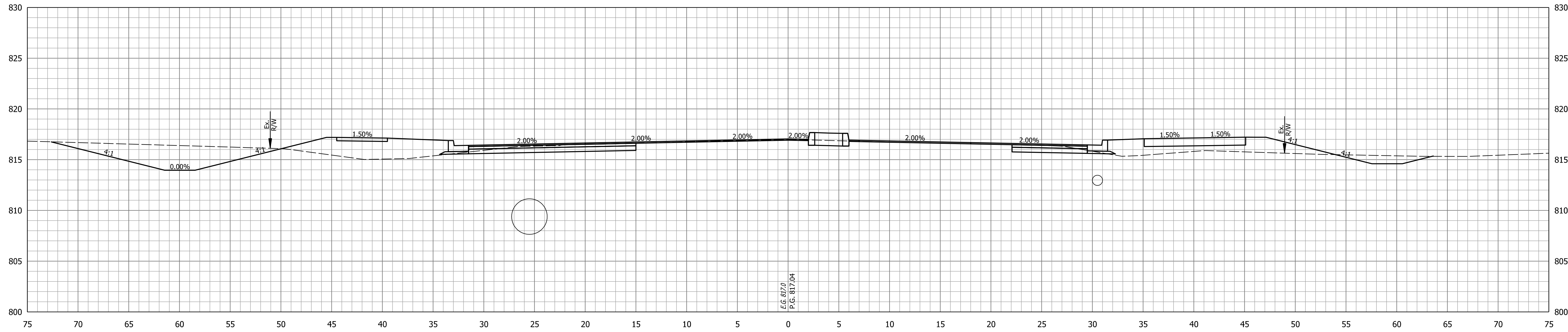
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

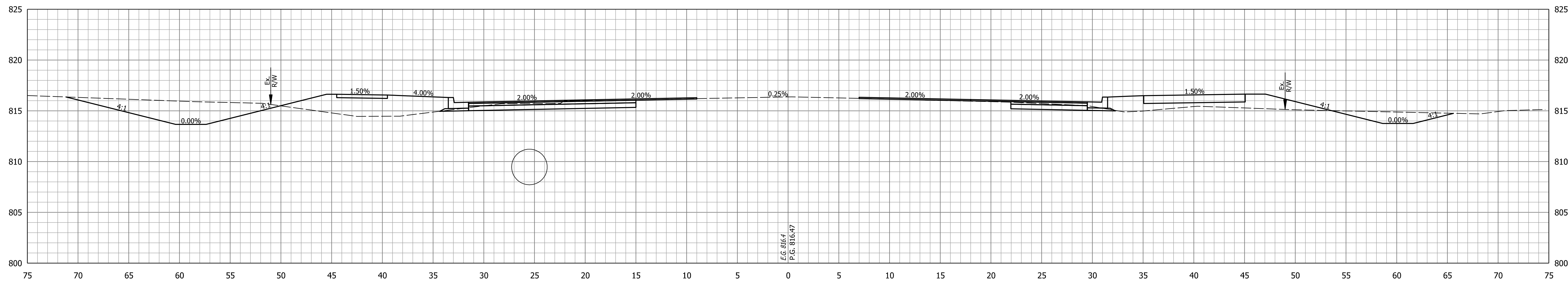
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 141 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:15 PM By: huyntkt Model: Stage 2_XSS Pen: Transportation.tbl



38+50.00



38+00.00

STA. 38+00.00 TO STA. 38+50.00



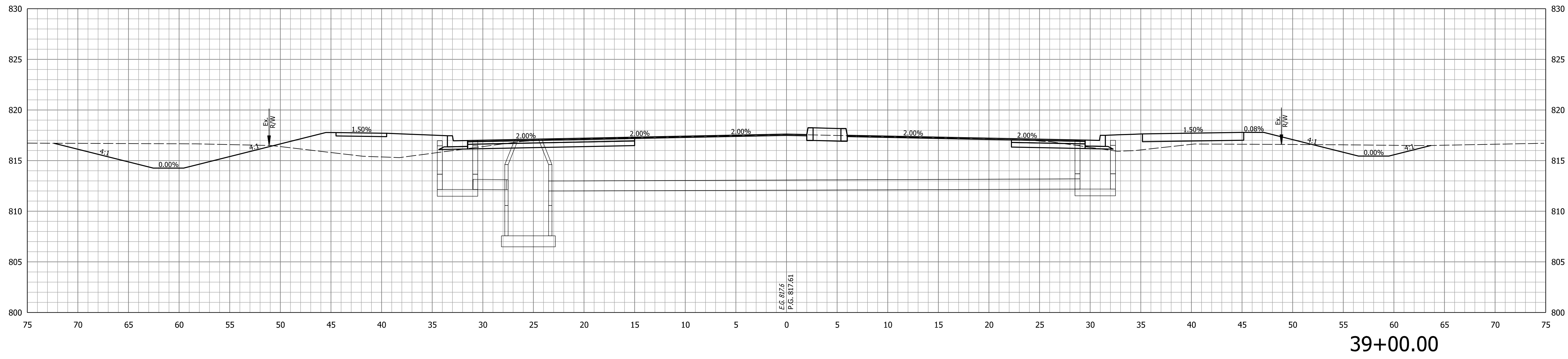
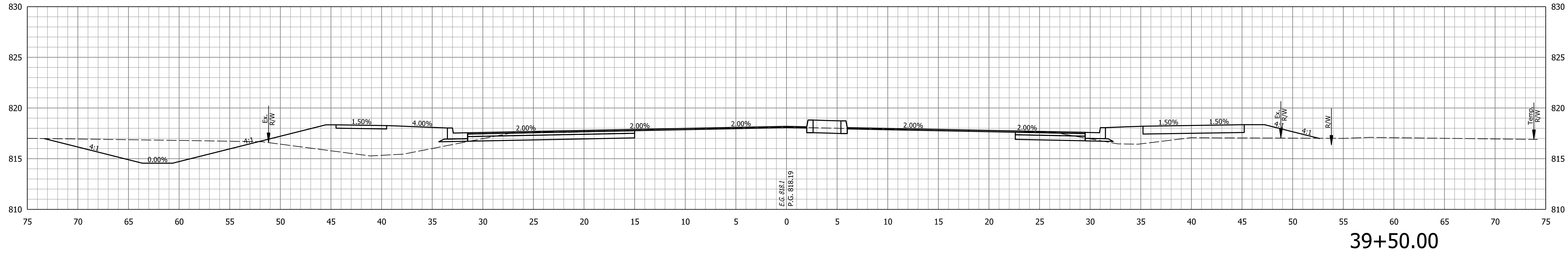
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 142 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:16 PM By: huyhkt Model: Stage 2_XSS Pen: Transportation.tbl



STA. 39+00.00 TO STA. 39+50.00



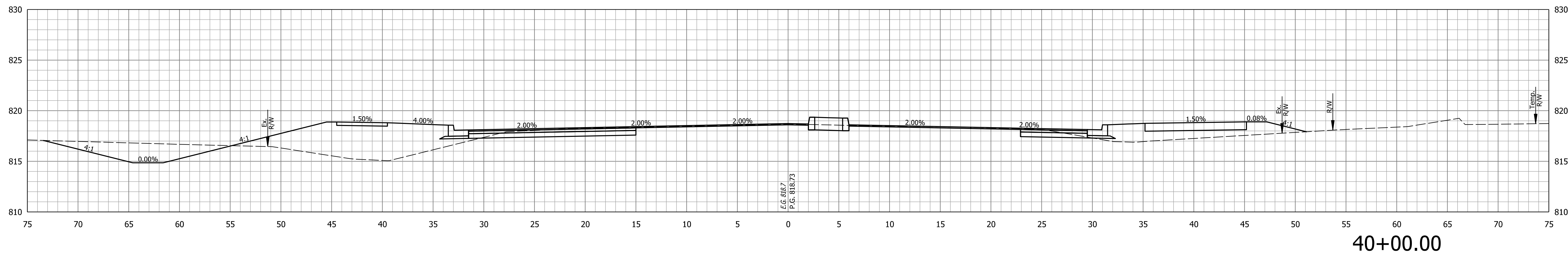
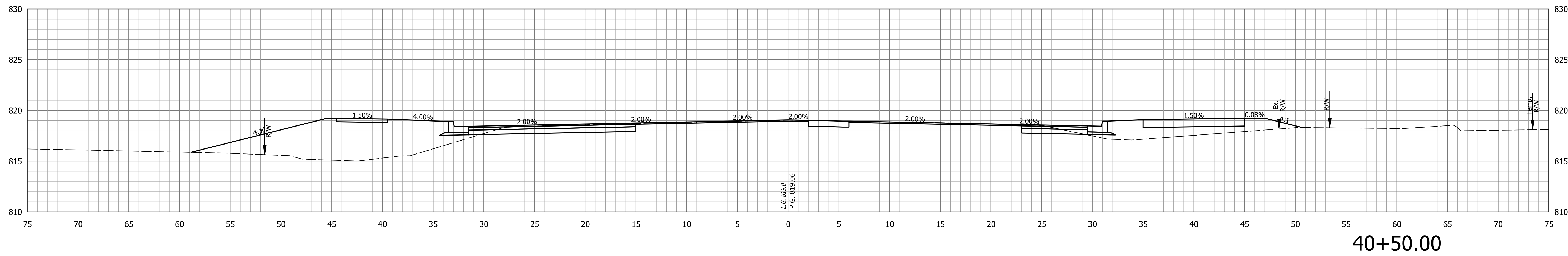
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 143 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:01:17 PM By: huynhkt Model:Stage 2_XSS Pen: Transportation.tbl



STA. 40+00.00 TO STA. 40+50.00



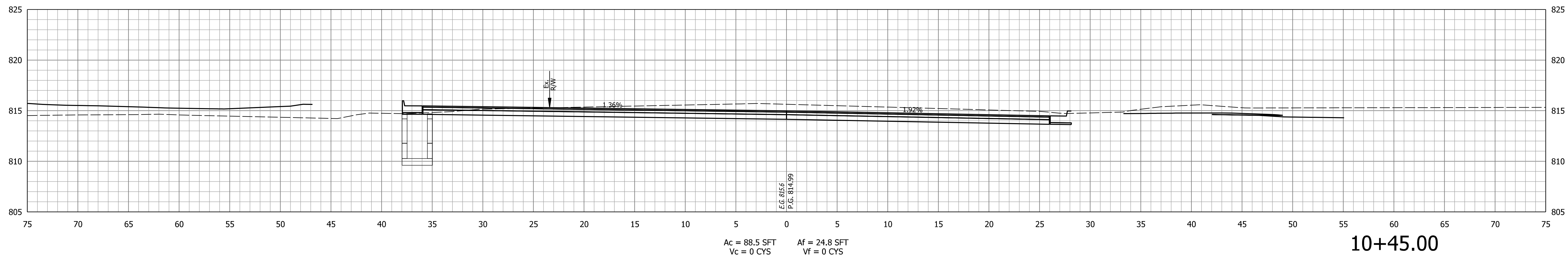
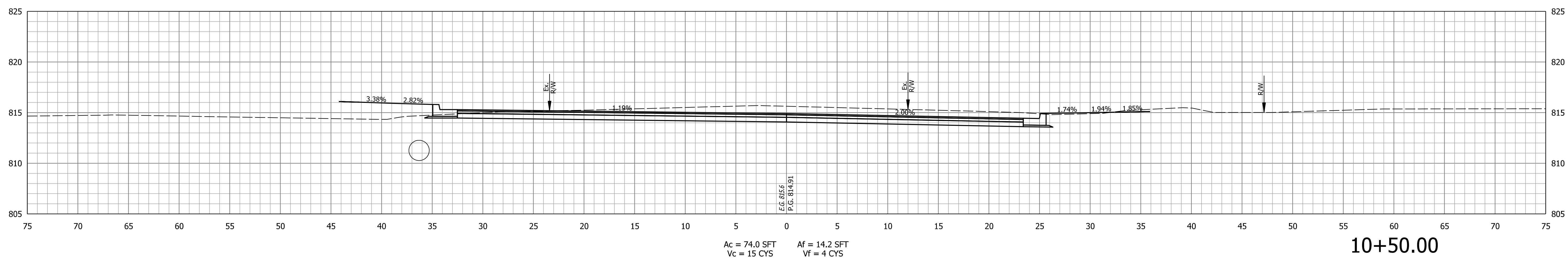
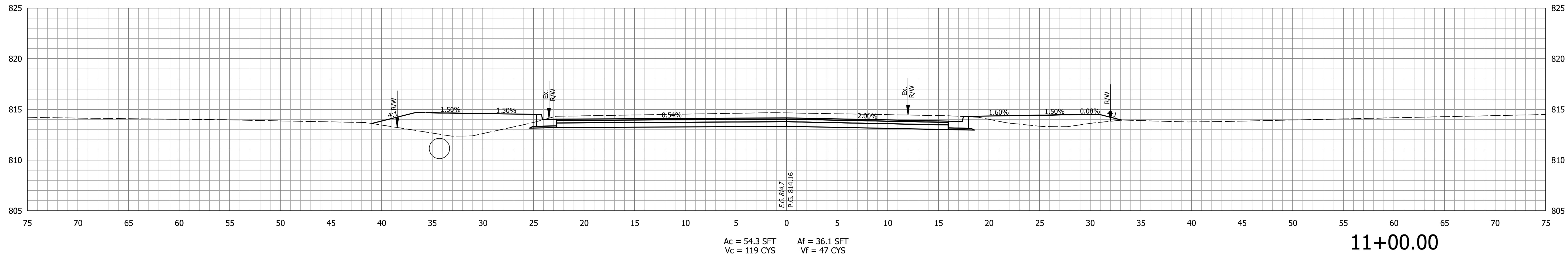
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 144 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:21 PM By: huyntkt Per: Transportation.tbl Model: E State (Line S-1-A)



STA. 10+45.00 TO STA. 11+00.00



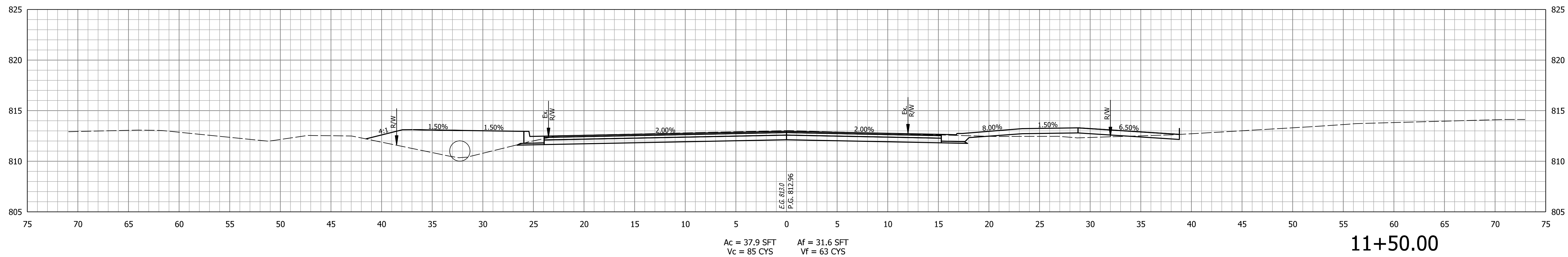
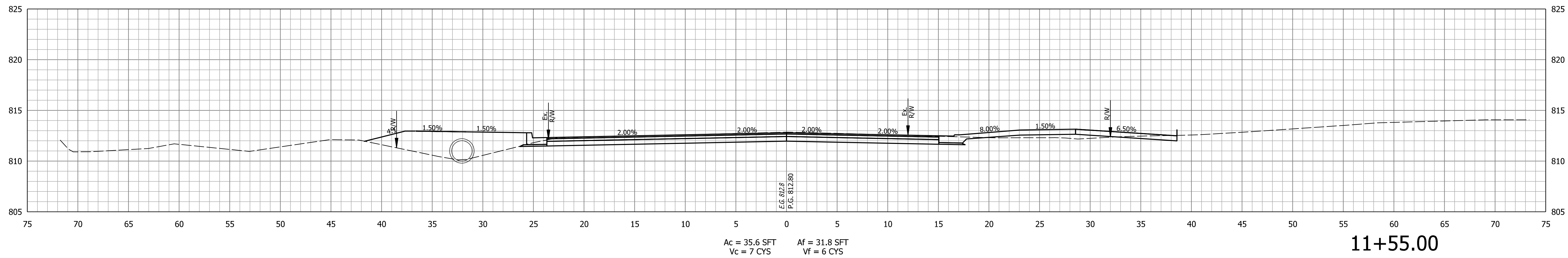
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	145 of 159
CONTRACT	PROJECT
R-42163	1901705

Plot: 3/10/2023 1:01:22 PM By: huyntk Model: E State (Line S-1-A) Pen: Transportation.tbl



STA. 11+50.00 TO STA. 11+55.00



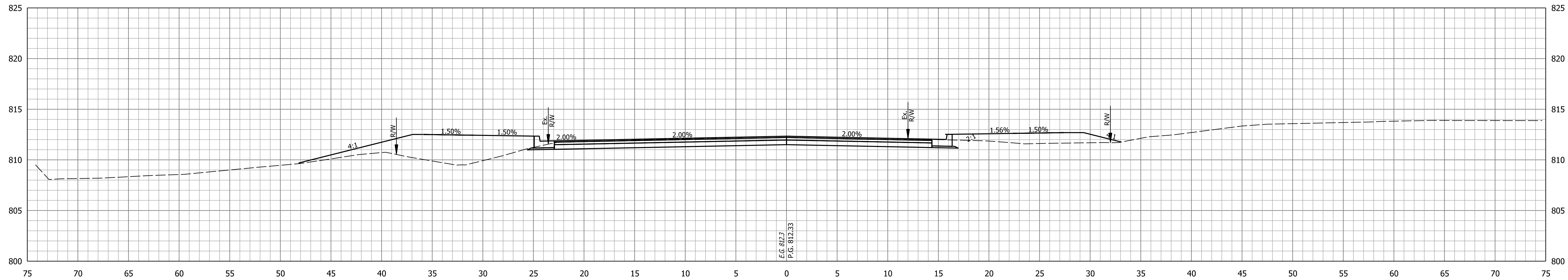
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____
 DESIGNED: BOA _____ DRAWN: KTH _____
 CHECKED: MJS _____ CHECKED: MJS _____

CITY OF FORT WAYNE
 INDIANA

CROSS SECTIONS
 LINE "S-1-A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'		
VERTICAL SCALE	DESIGNATION	
1" = 5'	1901705	
SURVEY BOOK	SHEETS	
	146	of 159
CONTRACT	PROJECT	
R-42163	1901705	

Plc:3/10/2023 1:01:23 PM By: huyhkt Per: Transportation.tbl Model: E State (Line S-1-A)



Ac = 32.5 SFT Af = 50.7 SFT
 Vc = 18 CYS Vf = 21 CYS

11+69.00

E.G. 812.3
 P.G. 812.33

STA. 11+69.00 TO STA. 11+69.00



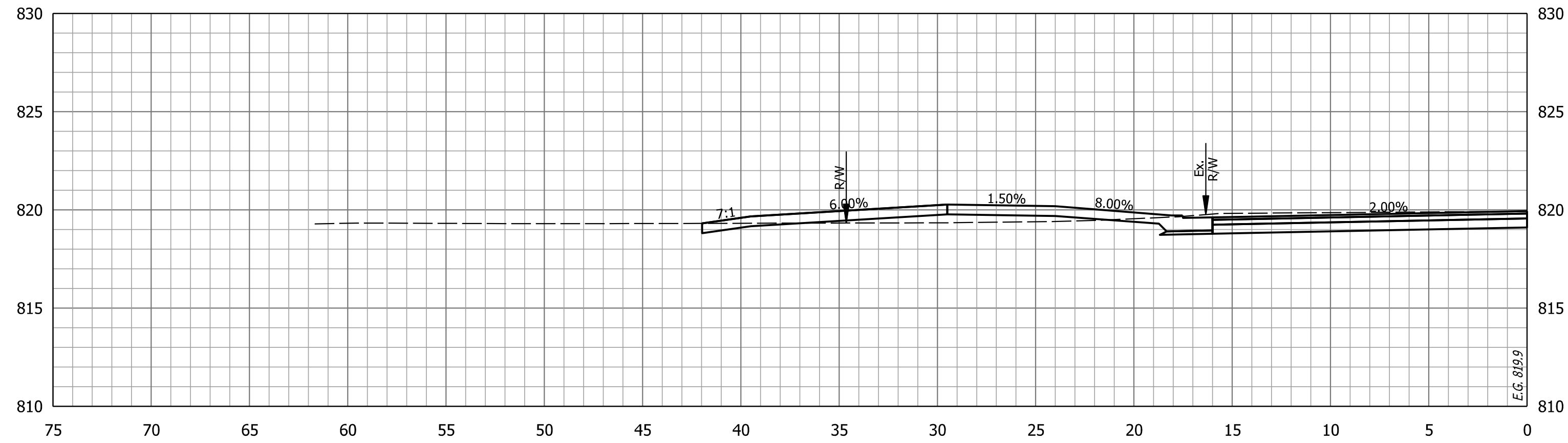
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

**CITY OF FORT WAYNE
INDIANA**

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

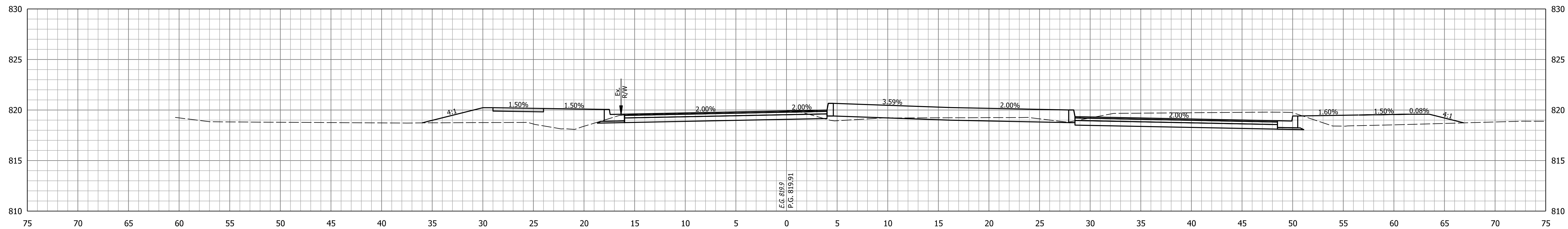
HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 147 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:01:25 PM By: huyntk Per: Transportation.tbl Model: W State (Line S-2-A)



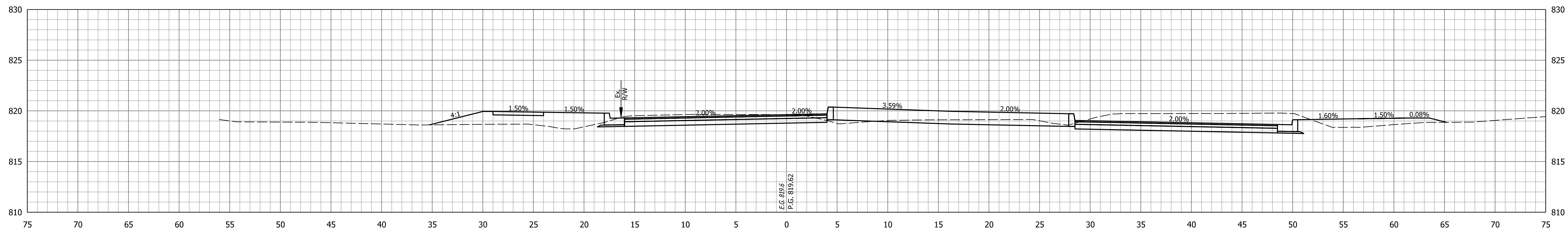
Ac = 18.6 SFT
 Vc = 53 CYS
 Af = 3.9 SFT
 Vf = 31 CYS

6+41.00



Ac = 50.6 SFT
 Vc = 76 CYS
 Af = 36.5 SFT
 Vf = 42 CYS

6+00.00



Ac = 63.8 SFT
 Vc = 0 CYS
 Af = 26.3 SFT
 Vf = 0 CYS

5+64.00

STA. 5+64.00 TO STA. 6+41.00



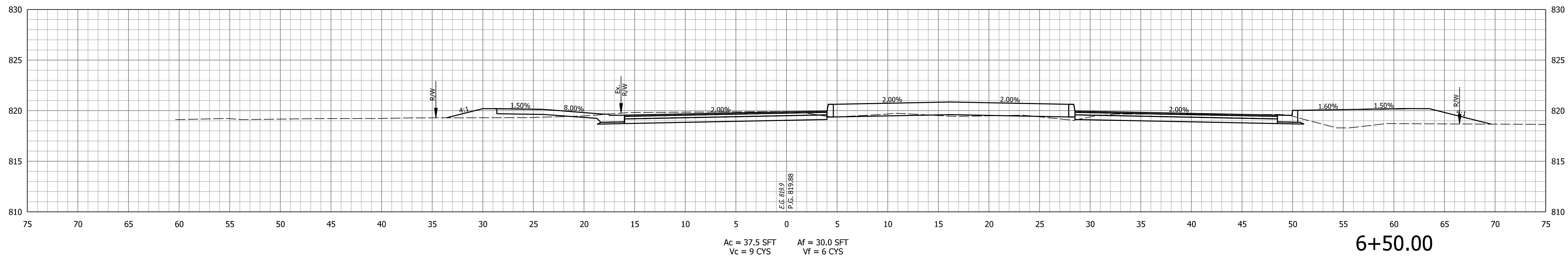
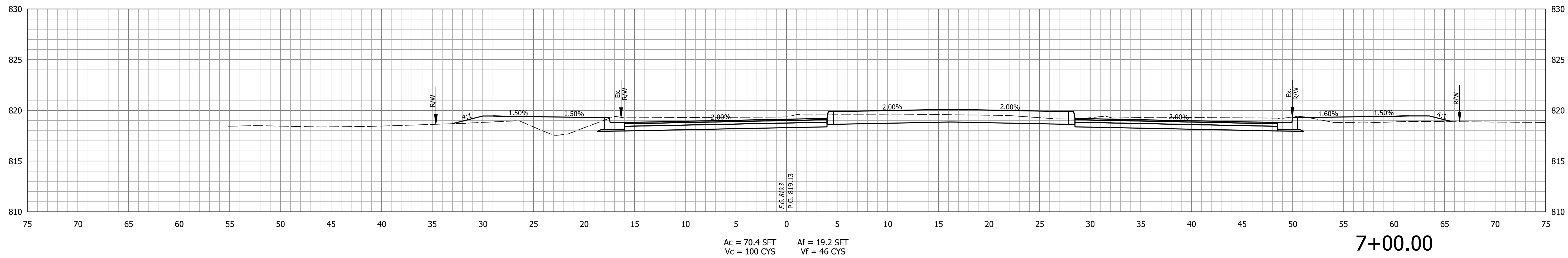
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	148 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 1:01:26 PM By: huynhkt Per: Transportation.tbl Model: W State (Line S-2-A)



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

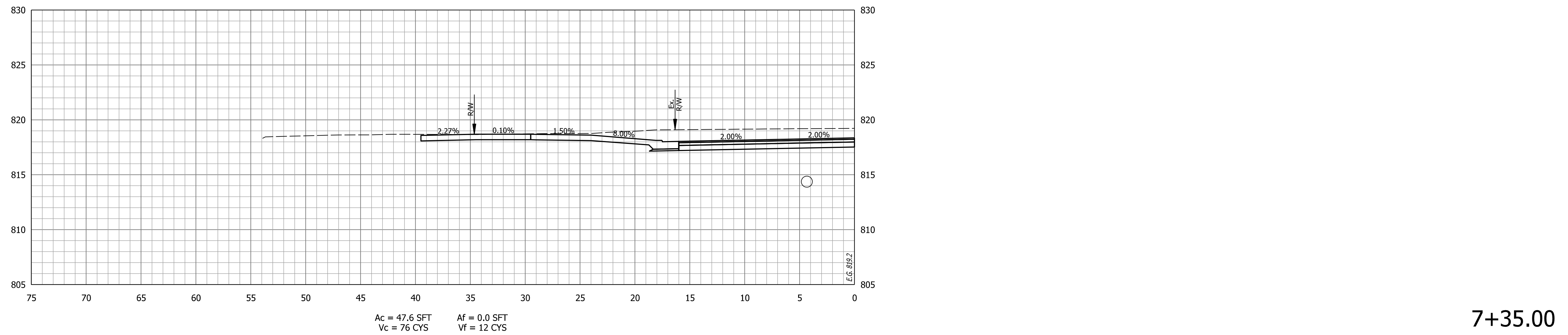
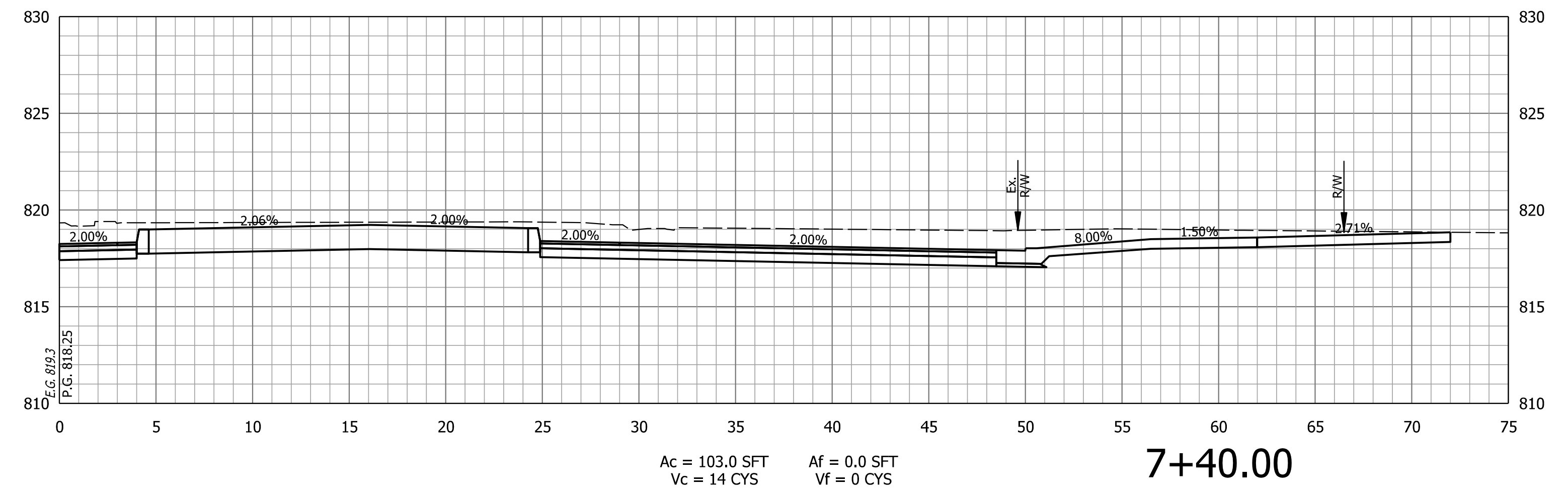
CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-2-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 149 of 159
CONTRACT R-42163	PROJECT 1901705

STA. 6+50.00 TO STA. 7+00.00

Plc:3/10/2023 1:01:27 PM By: huynhkt Per: Transportation.tbl Model: W State (Line S-2-A)



STA. 7+35.00 TO STA. 7+40.00



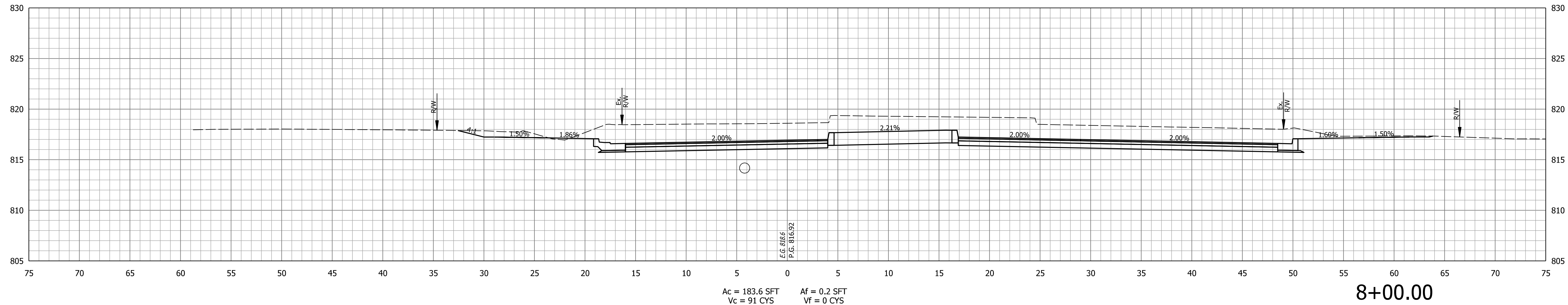
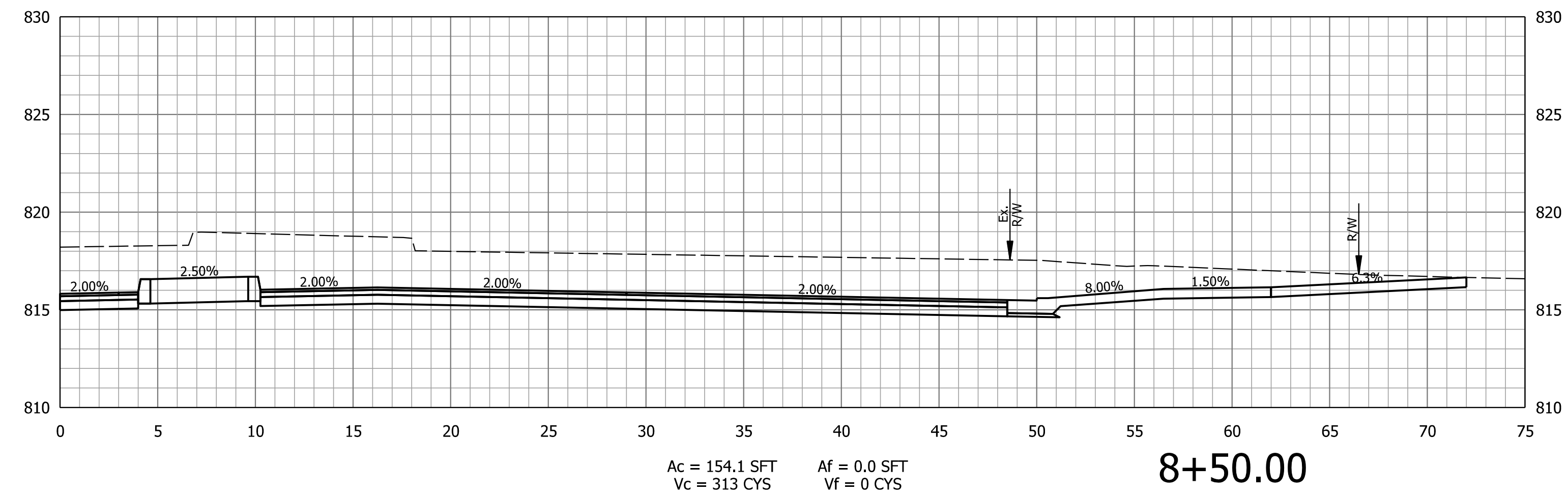
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BOA	DRAWN: KTH	
CHECKED: MJS	CHECKED: MJS	

CITY OF FORT WAYNE
 INDIANA

CROSS SECTIONS
 LINE "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	150 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 1:01:28 PM By: huynhkt Per: Transportation.tbl Model: W State (Line S-2-A)



STA. 8+00.00 TO STA. 8+50.00



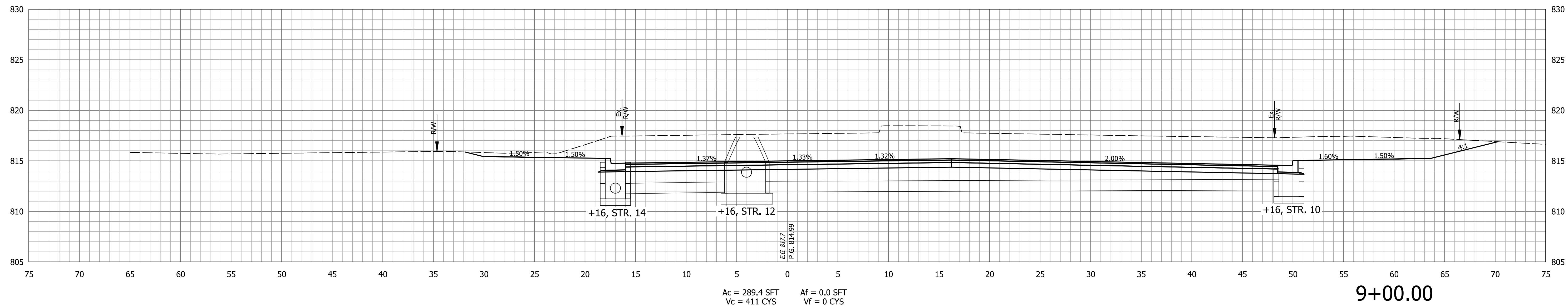
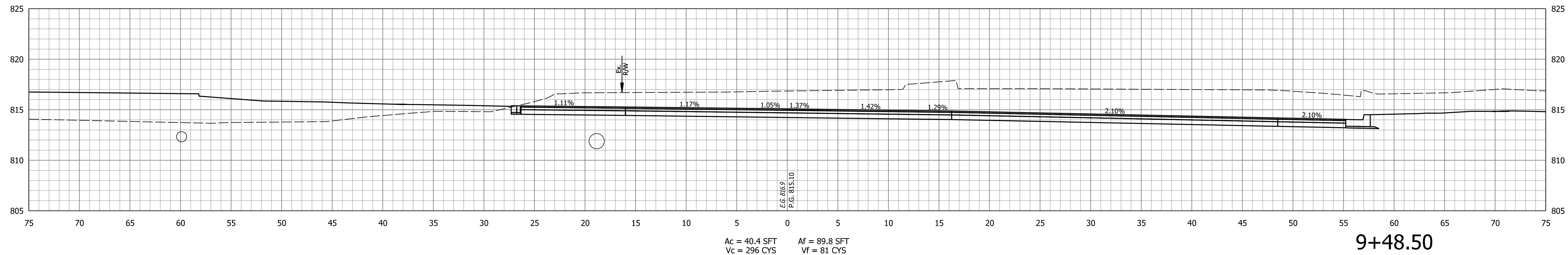
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

**CITY OF FORT WAYNE
INDIANA**

**CROSS SECTIONS
LINE "S-2-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 152 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:01:29 PM By: huynhkt Per: Transportation.tbl Model: W State (Line S-2-A)



STA. 9+00.00 TO STA. 9+48.50



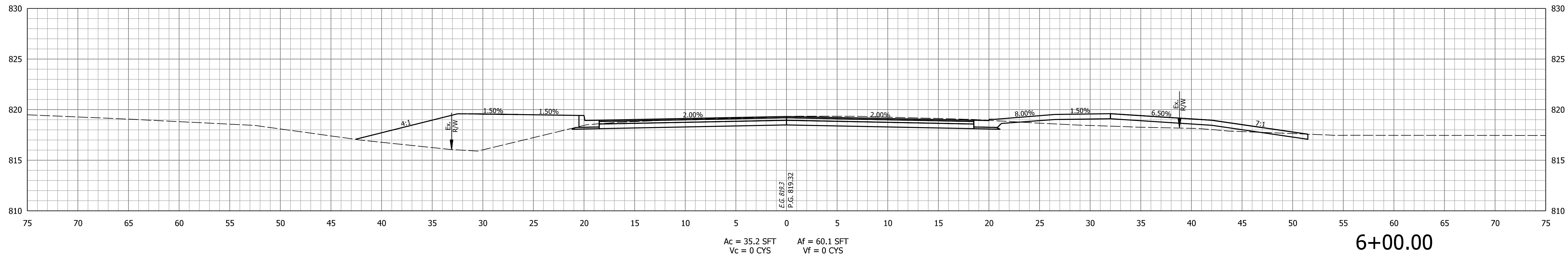
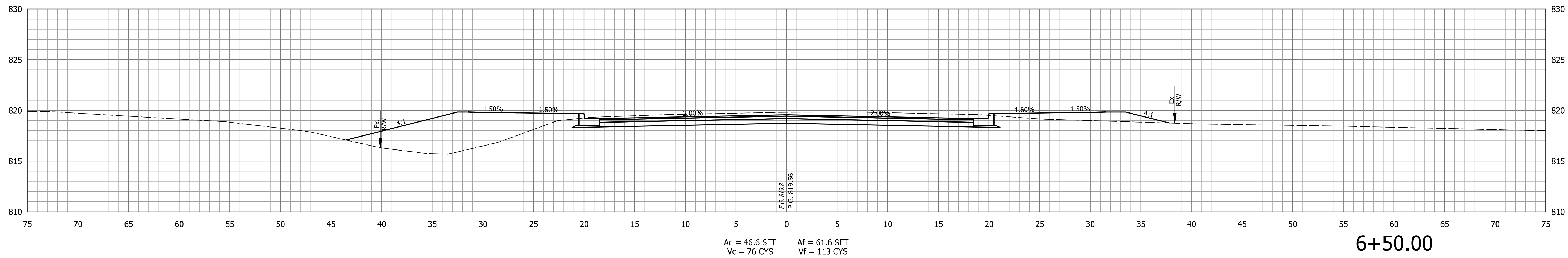
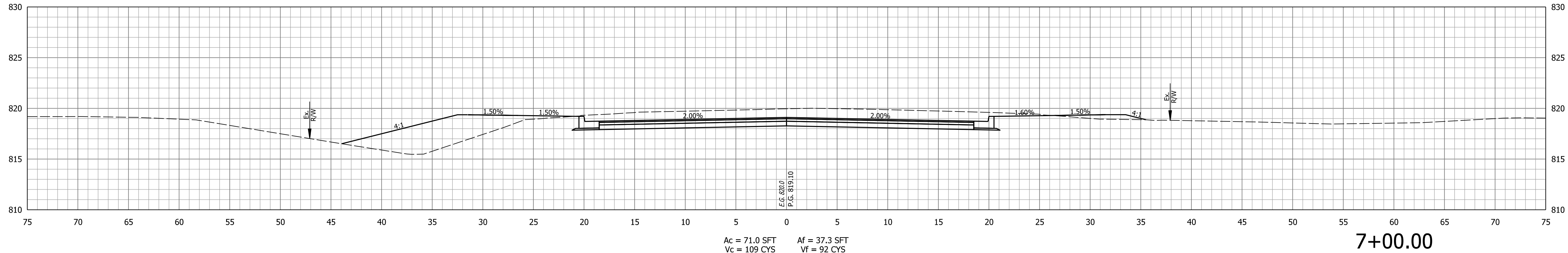
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	153 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 1:01:31 PM By: huyntk Pen: Transportation.tbl Model: W Butte Line (S-5-A)



STA. 6+00.00 TO STA. 7+00.00



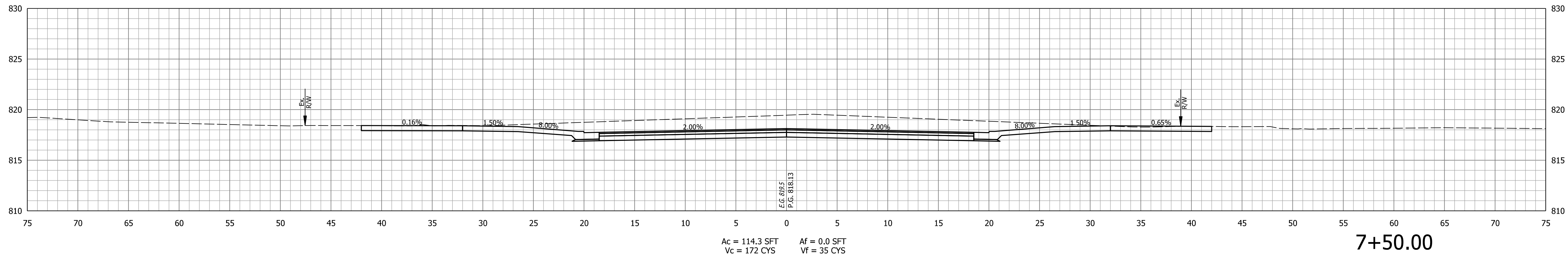
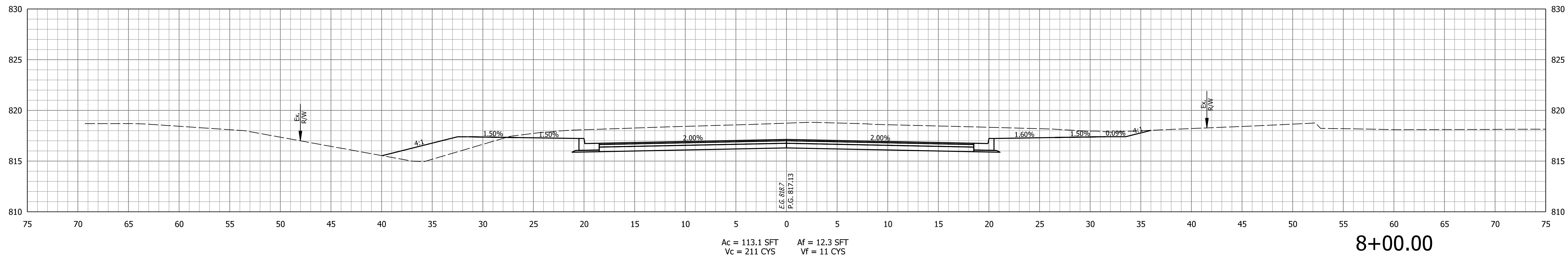
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

**CITY OF FORT WAYNE
INDIANA**

**CROSS SECTIONS
LINE "S-8-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 154 of 159
CONTRACT R-42163	PROJECT 1901705

Plc:3/10/2023 1:01:32 PM By: huynhkt Pen: Transportation.tbl Model: W Butler Line (S-5-A)



STA. 7+50.00 TO STA. 8+00.00



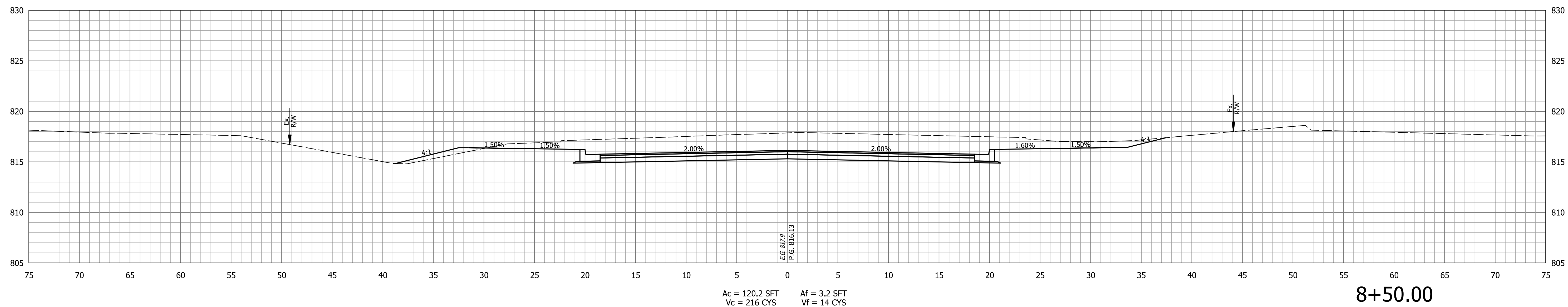
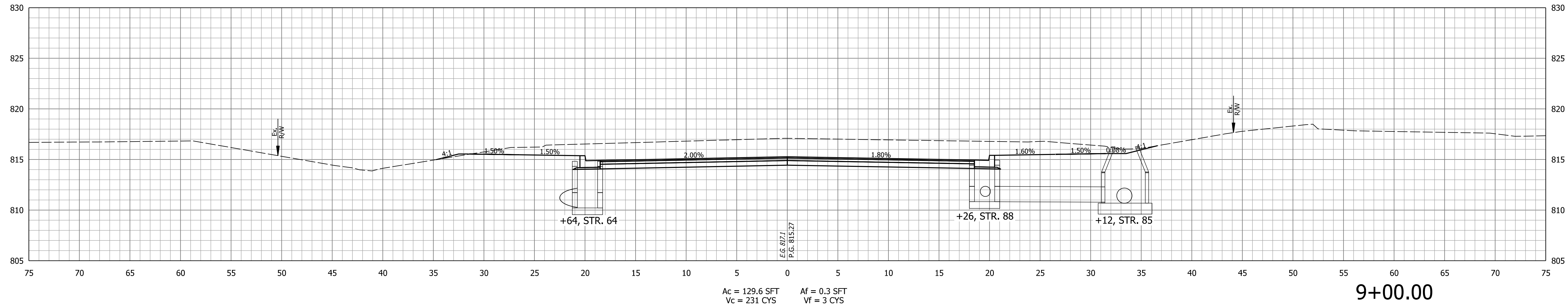
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____	
CHECKED: MJS _____	CHECKED: MJS _____	

CITY OF FORT WAYNE
 INDIANA

CROSS SECTIONS
 LINE "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	155 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 1:01:32 PM By: huyntk Model: W Butler Line (S-5-A)



RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

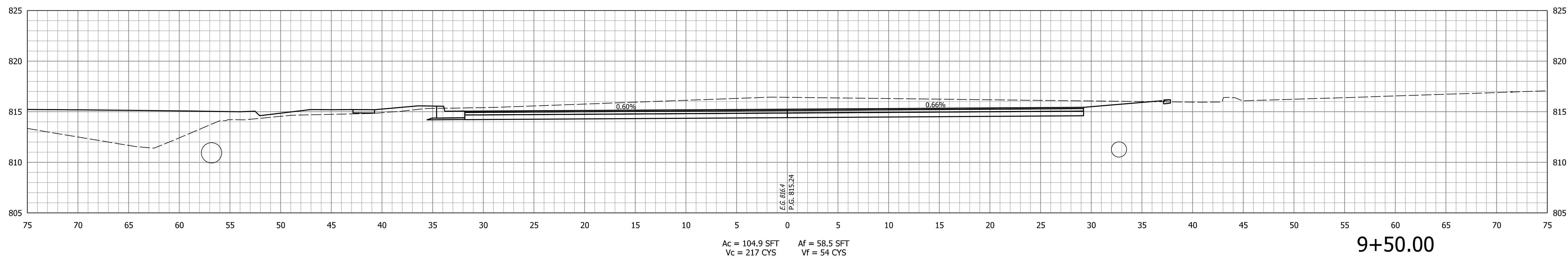
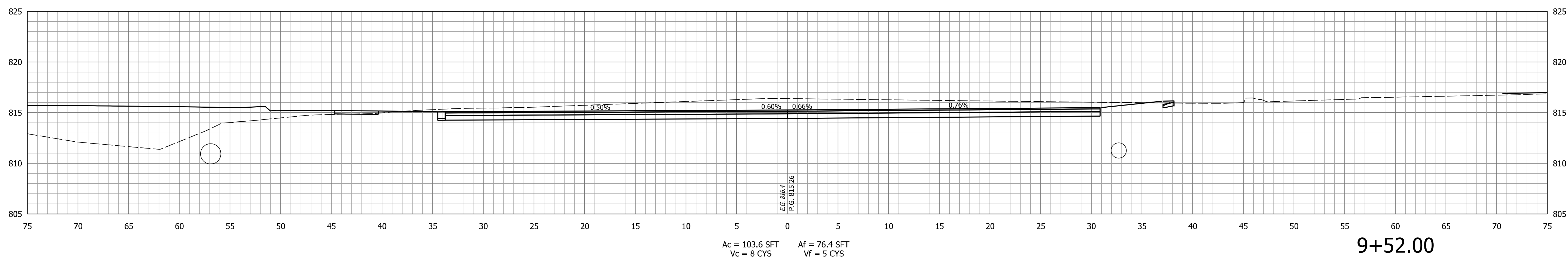
CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	156 of 159
CONTRACT	PROJECT
R-42163	1901705

STA. 8+50.00 TO STA. 9+00.00

Plc:3/10/2023 1:01:33 PM By: huynhkt Model: W Butler Line (S-5-A)



STA. 9+50.00 TO STA. 9+52.00



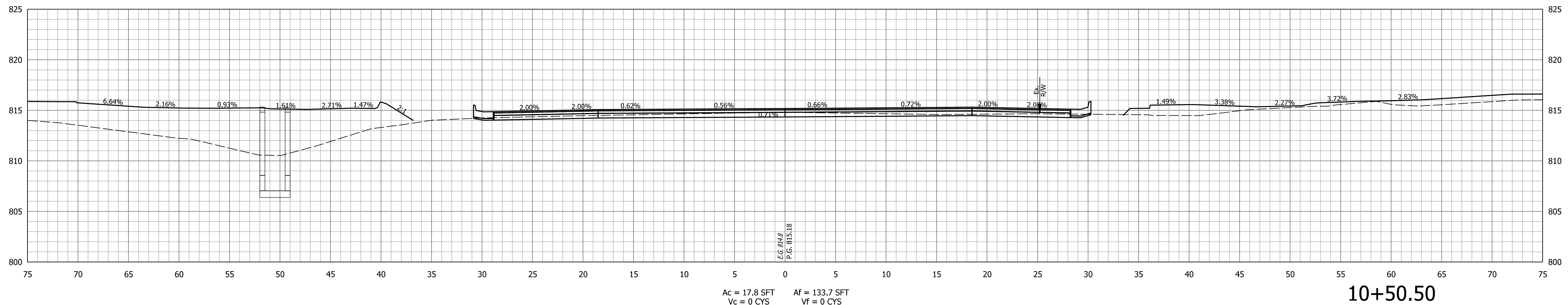
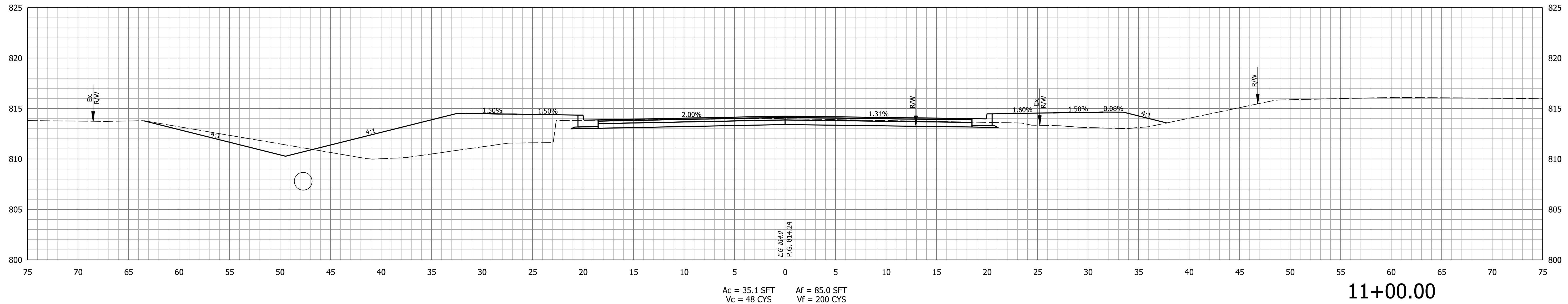
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: BOA _____	DRAWN: KTH _____
CHECKED: MJS _____	CHECKED: MJS _____

CITY OF FORT WAYNE
 INDIANA

CROSS SECTIONS
 LINE "S-5-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
SURVEY BOOK	SHEETS 157 of 159
CONTRACT R-42163	PROJECT 1901705

Plot: 3/10/2023 1:01:34 PM By: huyntk Model: E Butler Line (S-6-A) Pen: Transportation.tbl



STA. 10+50.50 TO STA. 11+00.00



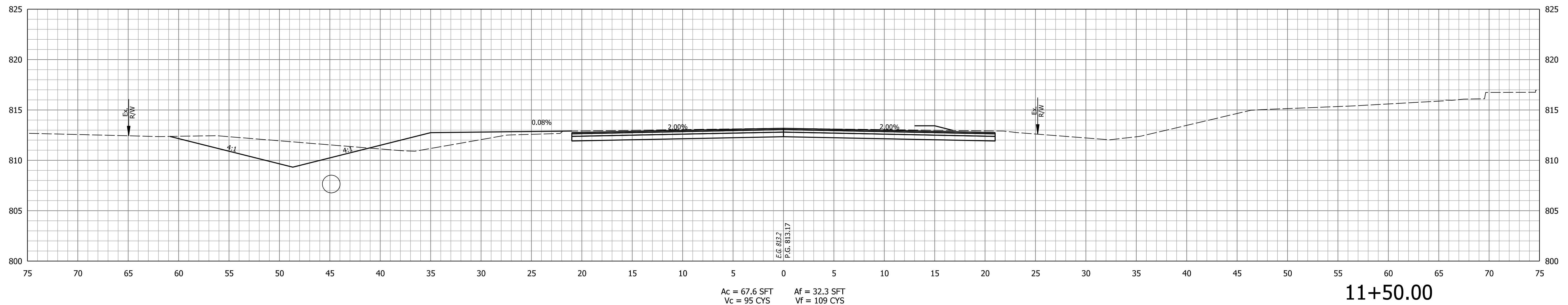
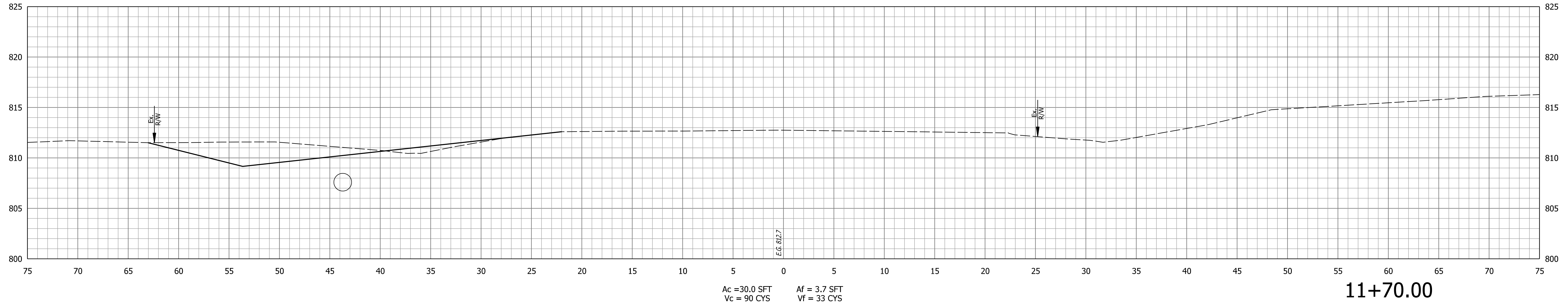
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-Ø-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	158 of 159
CONTRACT	PROJECT
R-42163	1901705

Plc:3/10/2023 1:01:35 PM By: huyhkt Model: E Butler Line (S-6-A) Pen: Transportation.tbl



STA. 11+50.00 TO STA. 11+70.00



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____
 DESIGNED: BOA DRAWN: KTH
 CHECKED: MJS CHECKED: MJS

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-Ø-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	159 of 159
CONTRACT	PROJECT
R-42163	1901705