PROJECT	DESIGNATION
1901705	1901705
CONTRACT	
R-42163	

CITY OF FORT WAYNE
INDIANA

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

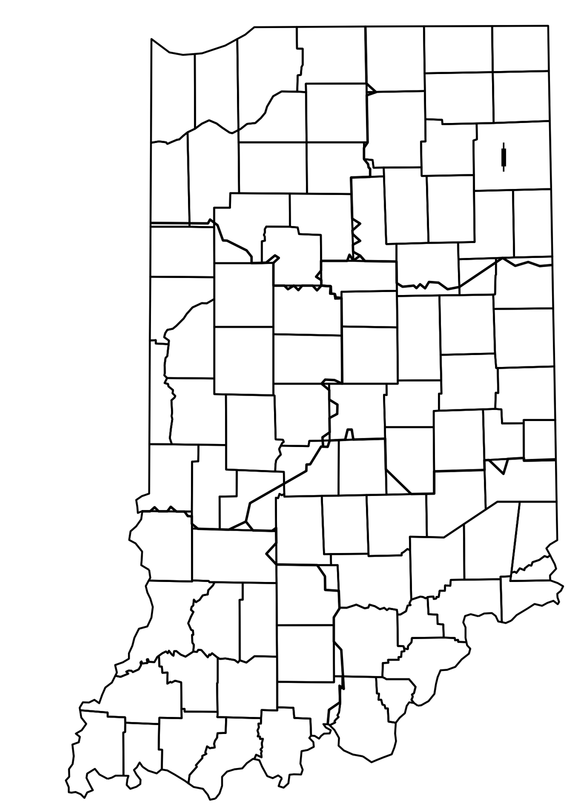
DESIGN SPEED	45 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION, NON-FREEWAY
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL
RURAL/URBAN	URBAN
TERRAIN	INTERMEDIATE
ACCESS CONTROL	NONE

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



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 %

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"

SCALE: 1" = 3,000'

LOCATION MAP
FORT WAYNE, INDIANA
WASHINGTON TOWNSHIP, ALLEN COUNTY

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
	1 of 178
CONTRACT	PROJECT
R-42163	1901705

UTILITIES

Communications

Comcast Cable
Contact: William Fishburn
Phone: 260-410-3504
Email: william_fishburn@comcast.com
720 Taylor Street
Fort Wayne, IN. 46802

Frontier
Contact: Justin Koscher
Email: justin.a.loscher@ftr.com
Phone: 260-461-2268
8001 West Jefferson Blvd.
Fort Wayne, IN. 46804

IFN Legacy - Zayo
Contact: Waylon Higgins
Phone: 765-341-1199
Email: waylon.higgins@zayo.com
9206 Castlegate Drive
Indianapolis, IN. 46256

Zayo Bandwidth
Contact: Waylon Higgins
Phone: 765-341-1199
Email: waylon.higgins@zayo.com
9206 Castlegate Drive
Indianapolis, IN. 46256

RVP Fiber - US Signal
Contact: Ryan Miedema
Phone: 616-223-7144
Email: rjmiedema@ussignal.com
201 Ionia Ave. SW
Grand Rapids, MI. 49503

Fiber

City of Fort Wayne
Contact: Eric Ruppert
Phone: 260-427-2148
Email: eric.ruppert@cityoffortwayne.org
200 East Berry St.
Fort Wayne, IN. 46802

Electric

American Electric Power
Contact: Jill Hoiulihan
Phone: 260-408-3707
Email: jahoulihan@aep.com
7775 Walton Parkway
New Albany, OH. 43054

Gas

Nipsco Gas
Contact: Dean Garrett
Phone: 219-647-6260
Email: DAGarrett@NiSource.com
801 E. 86th Ave.
Merriville, IN. 46410

Sanitary / Water / Storm

City of Fort Wayne
Contact: Ron Sheppard
Phone: 260-427-2705
Email: Ron.Sheppard@cityoffortwayne.org
200 East Berry St.
Fort Wayne, IN. 46802

GENERAL NOTES

All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified.

The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.

The paper relocation will be cross sectioned by the Engineer before construction.

Existing asphalt pavement located outside the construction limits, between Sta. ???+??? and Sta. ???+???, shall be removed as directed.

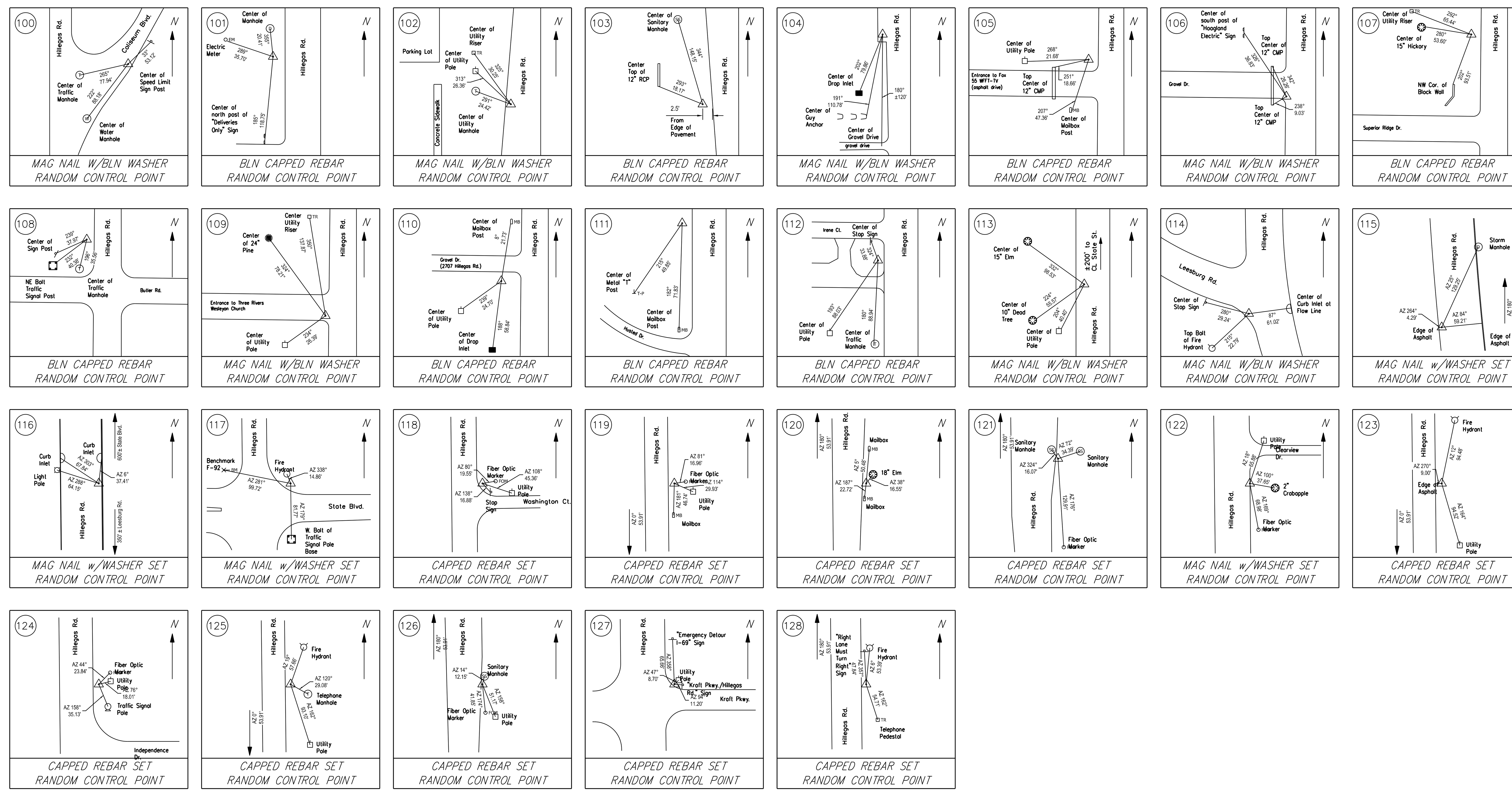
The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.

INDEX

REVISIONS

SHEET NO.	DATE	REVISED

CONTROL POINT REFERENCES



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"

<M> 13'-0" from Sta. 18+85.00 to Sta. 19+45.00
Varies from 13'-0" at Sta. 19+45.00 to 12'-0" at Sta. 19+67.86. See Note 1.

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"

<L> Varies from 12'-0" at Sta. 19+67.86 to 6'-0" at Sta. 21+05.00. See Note 1.
6'-0" from Sta. 21+05.00 to Sta. 32+67.00
6'-0" from Sta. 44+00.00 to Sta. 49+44.00
Varies from 6'-0" at Sta. 63+50.00 to 12'-0" at Sta. 64+84.14. See Note 1.

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"

<R> Varies from 0'-0" at Sta. 19+67.86 to 6'-0" at Sta. 21.05.00. See Note 1.
6'-0" from Sta. 21+05.00 to Sta. 32+67.00
6'-0" from Sta. 44+00.00 to Sta. 49+44.00
Varies from 6'-0" at Sta. 63+50.00 to 0'-0" at Sta. 64+84.14. See Note 1.

(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

(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, 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)

gai consultants

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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:35:07 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Typical Sections Project 2.dgn

TYPICAL SECTION

STA. 40+49.00 TO STA. 44+00.00 "PR-A"
STA. 49+44.00 TO STA. 59+57.00 "PR-A"

K Changes to W if Full Depth Width Less than 5'-0"

TYPICAL SECTION

STA. 32+67.00 TO STA. 36+45.44 "PR-A"
Omit Center Curb STA. 34+63.00 Ahead

K Changes to W if Full Depth Width Less than 5'-0"

TYPICAL SECTION

STA. 36+45.44 TO STA. 40+50.00 "PR-A"
Omit Center Curb STA. 38+17.00 Back

K Changes to W if Full Depth Width Less than 5'-0"

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.

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, 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
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605#/SYD QC/QA-HMA, 3, 64 Base, 25mm, on
Subgrade Treatment, Type IC, on
Geotextile, Type IA (NW)

gai consultants

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
	4 of 178
CONTRACT	PROJECT
R-42163	1901705

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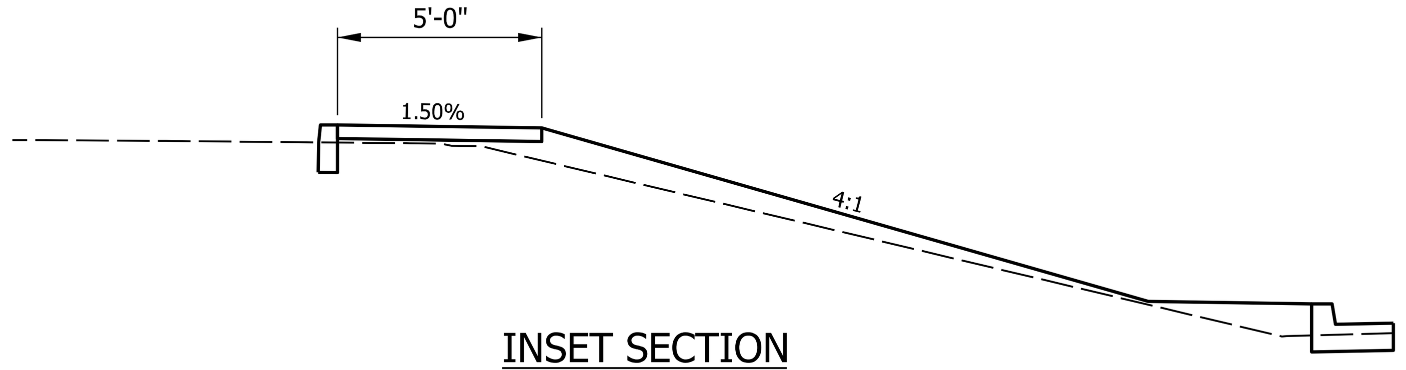
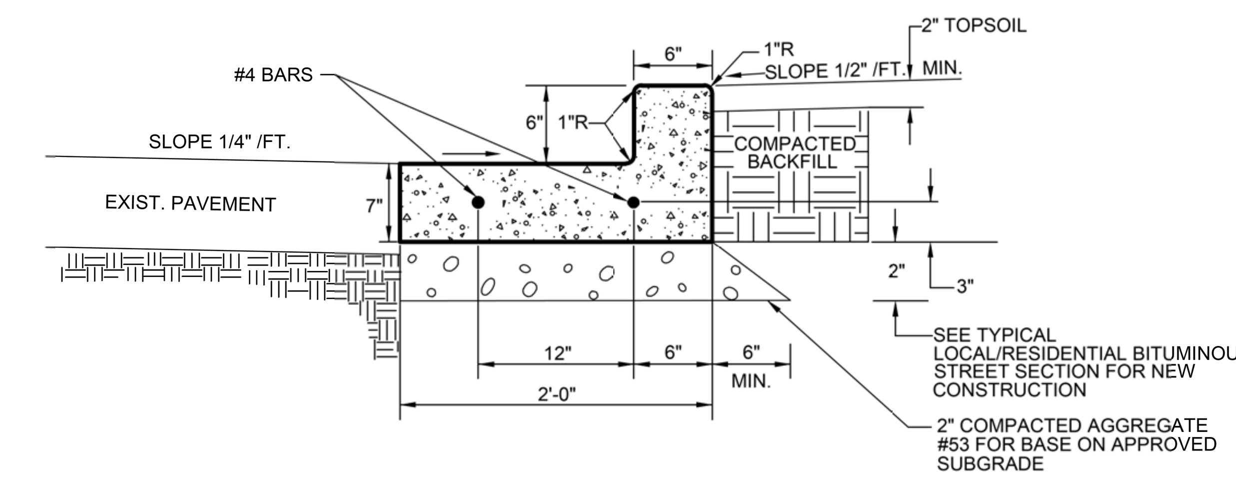


INSET SECTION

STA. 76+15.00 TO STA. 78+45.00 "PR-Hillegas"

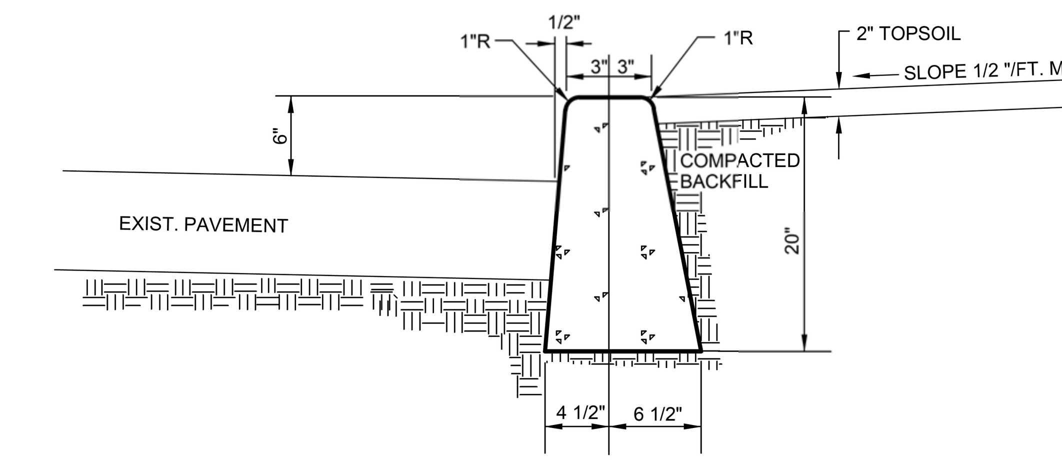
CONCRETE CURB TYPE II-B

NOT TO SCALE



CONCRETE CURB TYPE III

NOT TO SCALE



TYPICAL SECTION

STA. 75+10.00 TO STA. 79+15.00 "PR-A"

(K) Changes to (W) if Full Depth Width Less than 5'-0"

TYPICAL SECTION

STA. 79+15.00 TO STA. 80+10.00 "PR-A"

(K) Changes to (W) if Full Depth Width Less than 5'-0"

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)

(15) CURB AND GUTTER , CONCRETE, MODIFIED (Type II-B-Curb)

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

(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)

gai consultants

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 178
CONTRACT	PROJECT
R-42163	1901705

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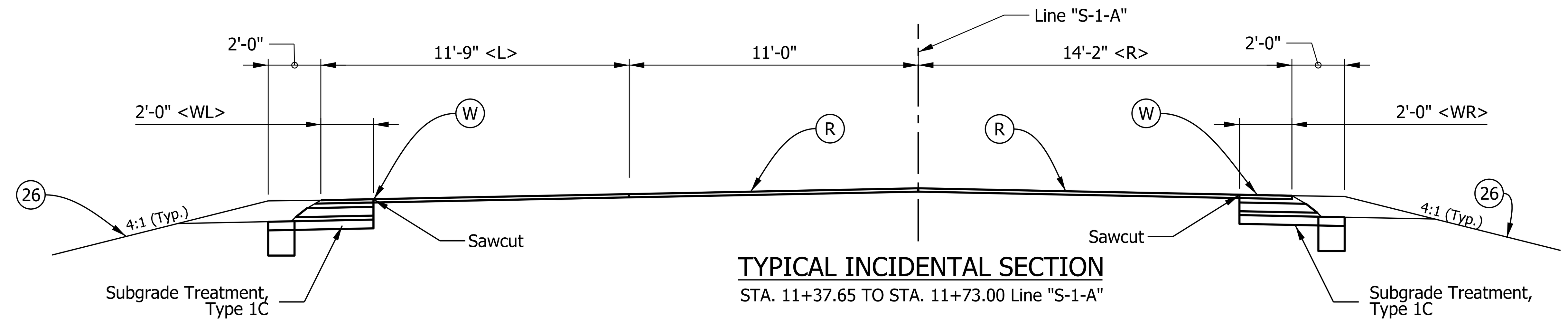
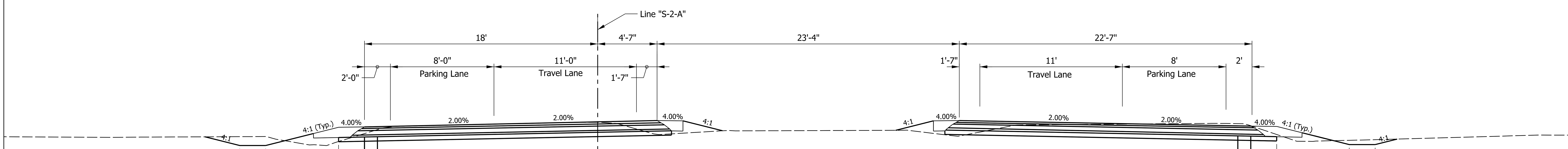


TYPICAL INCIDENTAL SECTION
STA. 11+37.65 TO STA. 11+73.00 Line "S-1-A"

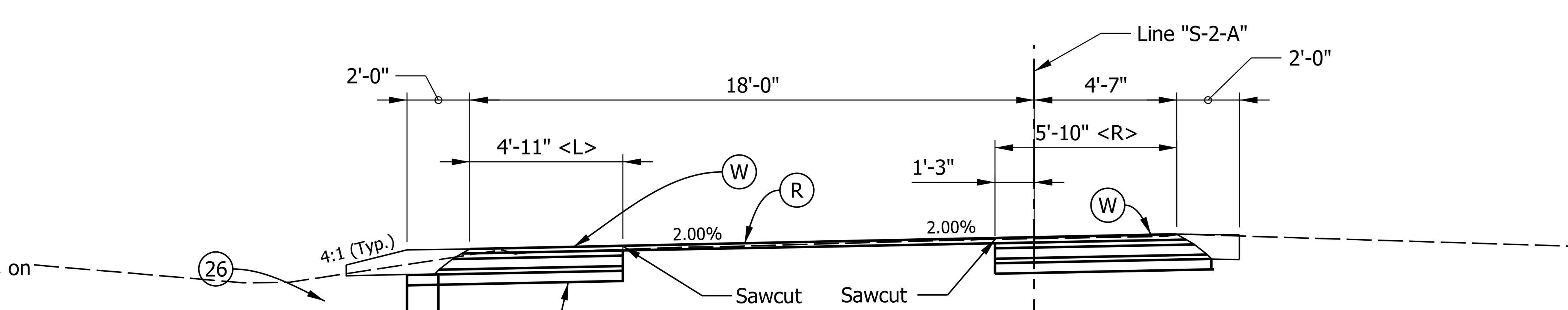
<R> Varies from 13'-6" at Sta. 11+37.65 to 14'-2" at Sta. 11+73.00.
<WR> Varies from 3'-9" at Sta. 11+37.65 to 2'-0" at Sta. 11+73.00.
<L> Varies from 13'-6" at Sta. 11+37.65 to 11'-9" at Sta. 11+73.00.
<WL> Varies from 3'-10" at Sta. 11+37.65 to 2'-0" at Sta. 11+73.00

TYPICAL SECTION
STA. 10+23.95 TO STA. 11+73.00 "S-1-A"

TYPICAL SECTION
STA. 6+33.82 TO STA. 9+63.49 "S-2-A"



TYPICAL SECTION
STA. 5+64.00 TO STA. 6+80.00 "S-2-A"



TYPICAL INCIDENTAL SECTION
STA. 5+34.00 TO STA. 5+64.00 Line "S-2-A"
Westbound Shown, Eastbound similar

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

(4) RAILING, CONCRETE C, MODIFIED (Type PF-1)
(13) CURB, CONCRETE, MODIFIED, (Type III Curb)
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(27) PLANT, GROUND COVER, REFER TO LANDSCAPE PLANS

(D) HMA for Approaches Type B
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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

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Geotextile, Type IA (NW)

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Existing Pavement

(W) HMA FOR WIDENING
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gai consultants

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:35:16 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 4

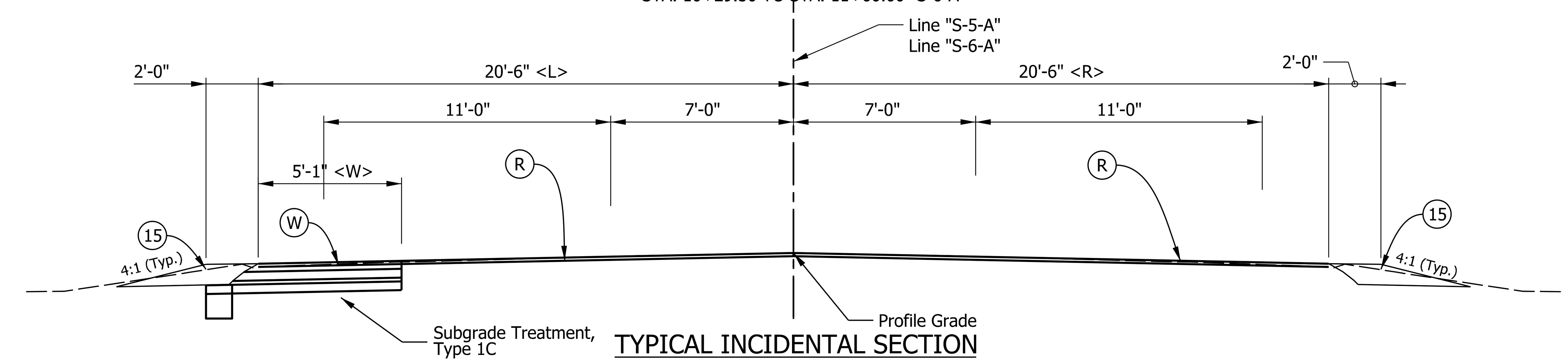
Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Typical Sections Project 2.dgn

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"

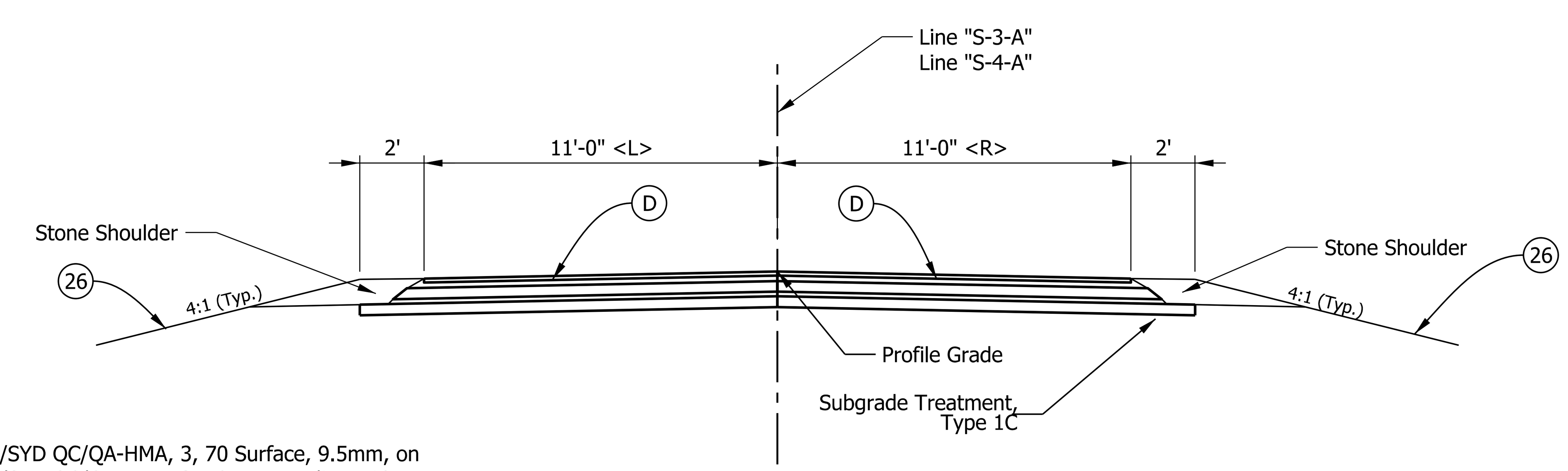


TYPICAL INCIDENTAL SECTION

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

<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"

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"

(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

(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)

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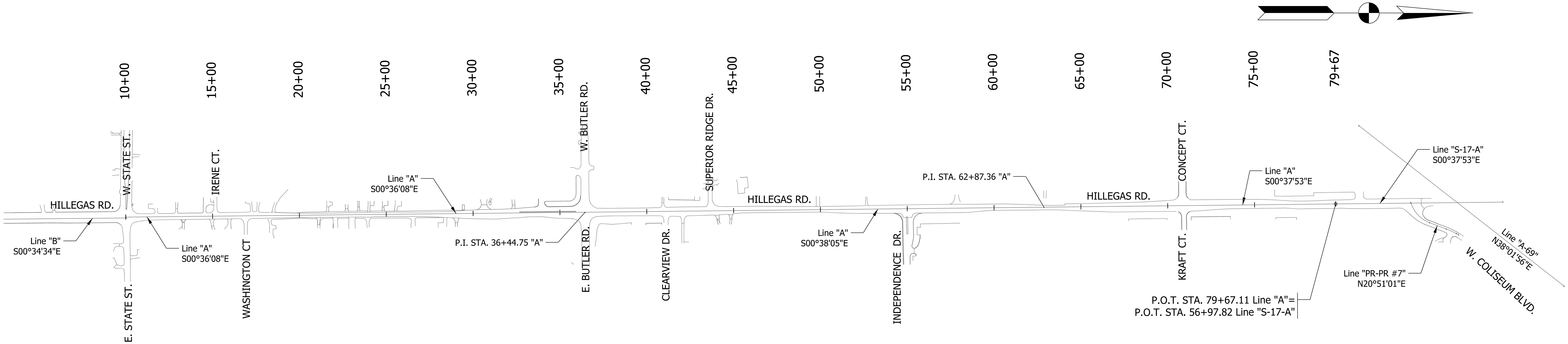
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE
DESIGNED: ARW		DRAWN: KTH/MWM	
CHECKED: MJS		CHECKED: MJS/ARW	

CITY OF FORT WAYNE
INDIANA

TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	7 of 178
CONTRACT	PROJECT
R-42163	1901705



Point Type	Station	Northing	Easting	Radius	Length	Tangent
Aligment Name:		**A Hillegas**				
Description:						
POB	114+65.790	188597.9448	748257.6444			
POE	122+94.843	189426.9564	748249.3084			
Aligment 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			
Aligment 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			
Aligment Name:		**A I-69**				
Description:						
POB	400+00.000	196525.553	747717.6095			
POE	415+00.000	197707.0513	748641.7641			

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DESIGNED: ARW DRAWN: KTH/MWM
CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

GEOMETRIC TIES
EXISTING ALIGNMENTS

SCALE	BRIDGE FILE
1" = 300'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	8 of 178
CONTRACT	PROJECT
R-42163	1901705

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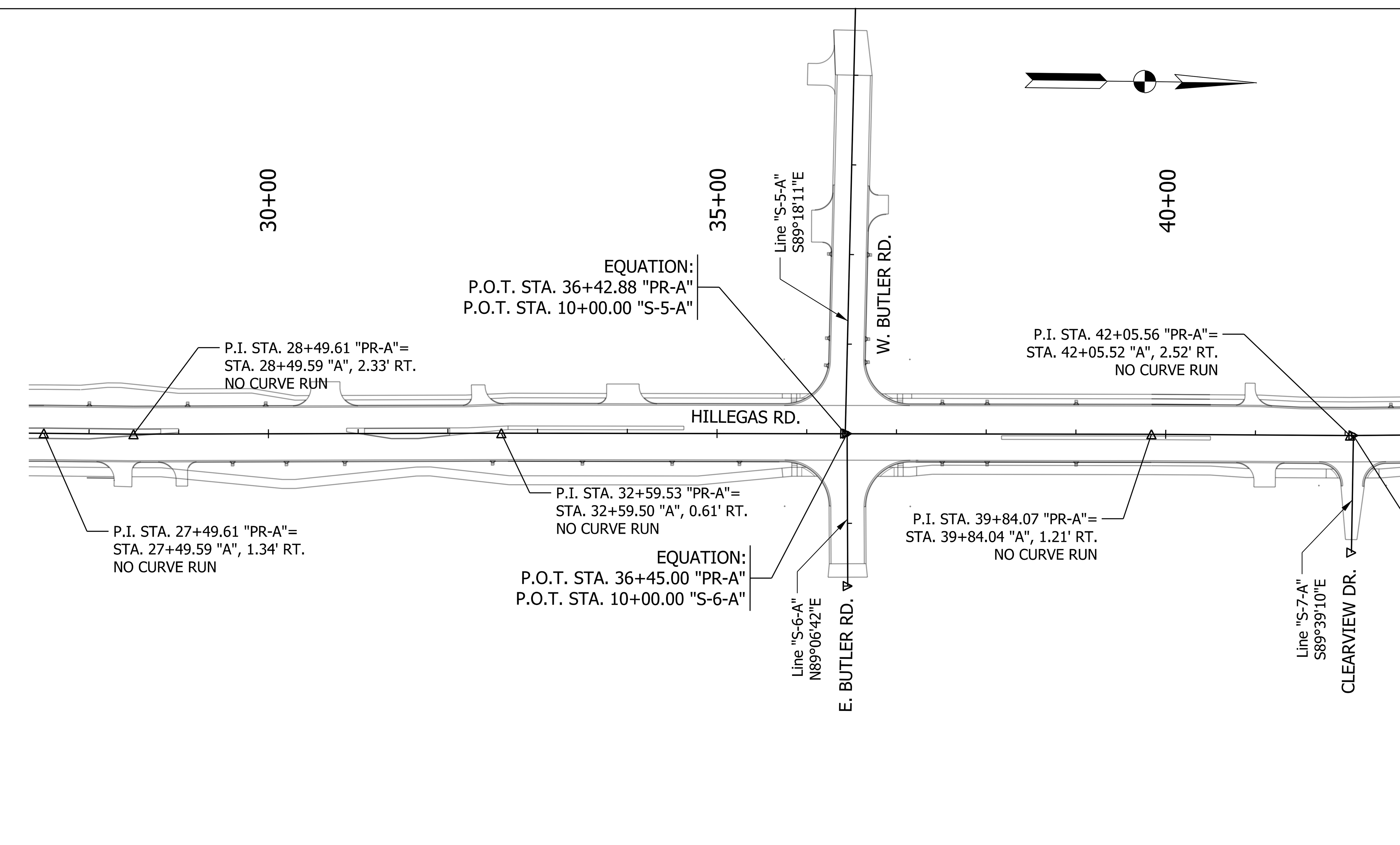

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DESIGNED: ARW	DRAWN: KTH/MWM		
CHECKED: MJS	CHECKED: MJS/ARW		

CITY OF FORT WAYNE
INDIANA

GEOMETRIC TIES
PROPOSED ALIGNMENTS

SCALE	BRIDGE FILE
1" = 100'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	9 of 178
CONTRACT	PROJECT
R-42163	1901705

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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
	10 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:35:50 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

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Aligment 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 1°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					

Aligment 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					

Aligment 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					

Aligment 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					

Aligment 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					

Aligment Name: W Butler Rd (S-5-A)

Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	3+60.00	192075.9486	747577.1521	S 89°18'11" E				
Tangent	POE	10+00.000	192068.1636	748217.1047					

Aligment 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					

Aligment 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					

Aligment 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					

Aligment 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+48.00	193930.2146	748345.0231					

Aligment Name: Concept Ct (S-10-A)

Element	Point Type	Station	Northing	Easting	Bearing (Forward)	Radius	Length	Delta / Theta	Rotation Direction
Tangent	POB	8+55.00	195514.7105	748034.0376	N 89°22'13" E				
Tangent	POE	10+00.000	195516.3044	748179.0288					

Aligment 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					

PROPERTY OWNERS
OF CURRENT RECORD

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

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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	BRIDGE FILE
1" = 100'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	12 of 178
CONTRACT	PROJECT
R-42163	1901705

PROPERTY OWNERS OF CURRENT RECORD

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

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RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

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CITY OF FORT WAYNE
INDIANA

PLAT NO. 1

SCALE	BRIDGE FILE
1" = 100'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	13 of 178
CONTRACT	PROJECT
R-42163	1901705

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DESIGN ENGINEER DATE

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CITY OF FORT WAYNE
INDIANA

PLAT NO. 1

SCALE	BRIDGE FILE
1" = 100'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	14 of 178
CONTRACT	PROJECT
R-42163	1901705

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(A) DETOUR XM4-8
EAST M3-2/M3-4
STATE ST D3-1
M5-1(L)S

(B) DETOUR XM4-8
EAST M3-2/M3-4
STATE ST D3-1
M6-1(L)S

(C) DETOUR XM4-8
EAST M3-2/M3-4
STATE ST D3-1
M6-3S

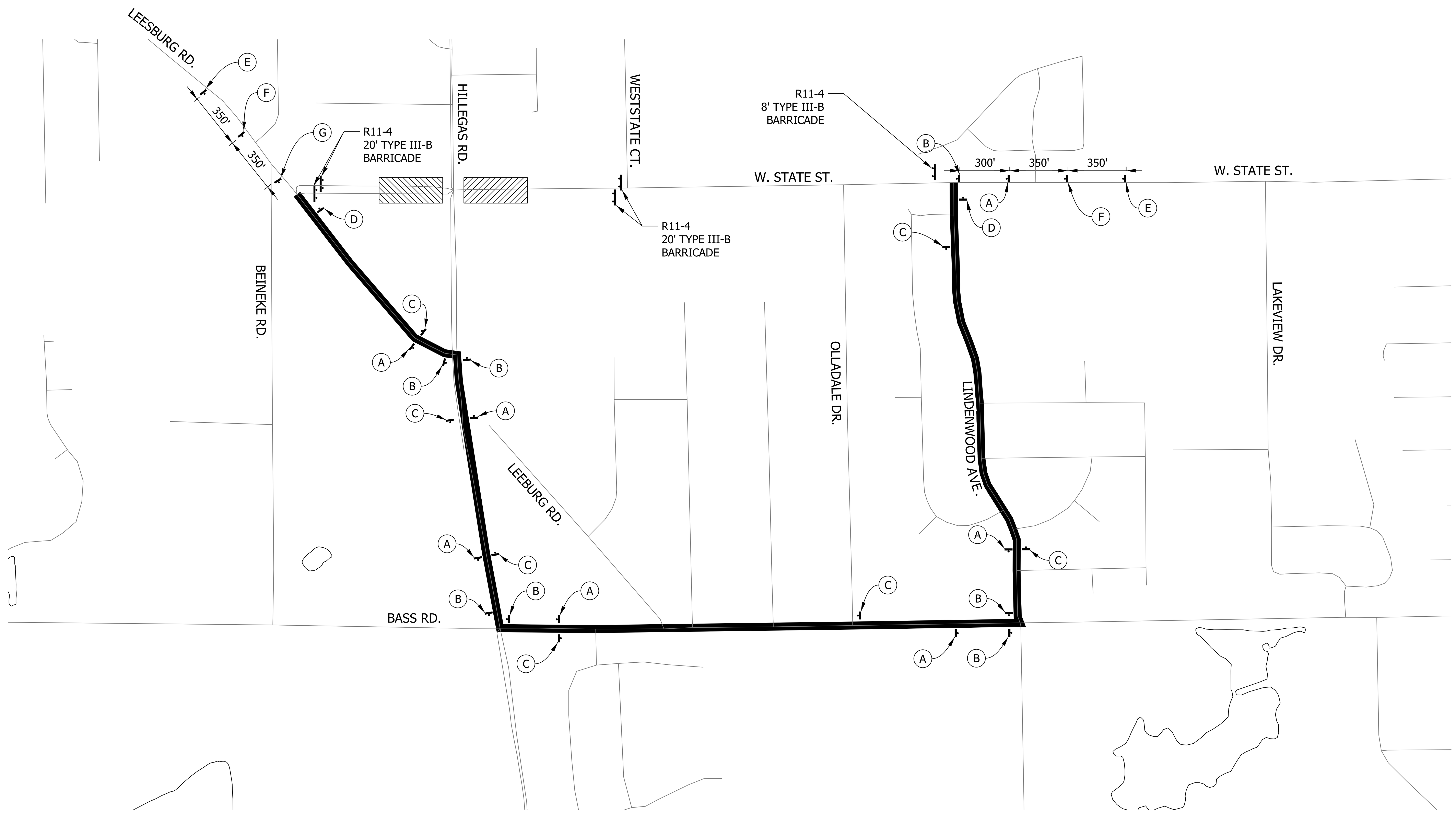
(D) END DETOUR XM4-8A
EAST M3-2/M3-4
STATE ST D3-1

(E) ROAD CLOSED AHEAD XW20-3

(F) DETOUR AHEAD XW20-2

CONSTRUCTION PHASE 1

CONSTRUCTION PHASE 2



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DESIGNED: ARW	DRAWN: KTH/MWM
CHECKED: MJS	CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

DETOUR ROUTE
STATE STREET

SCALE	BRIDGE FILE
1" = 400'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	15 of 178
CONTRACT	PROJECT
R-42163	1901705

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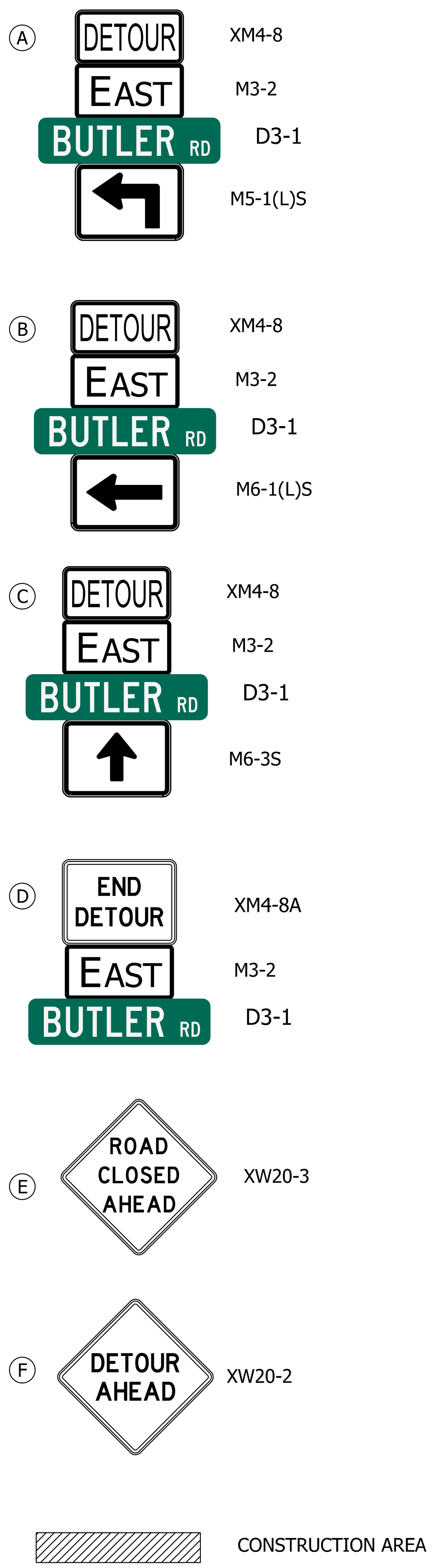

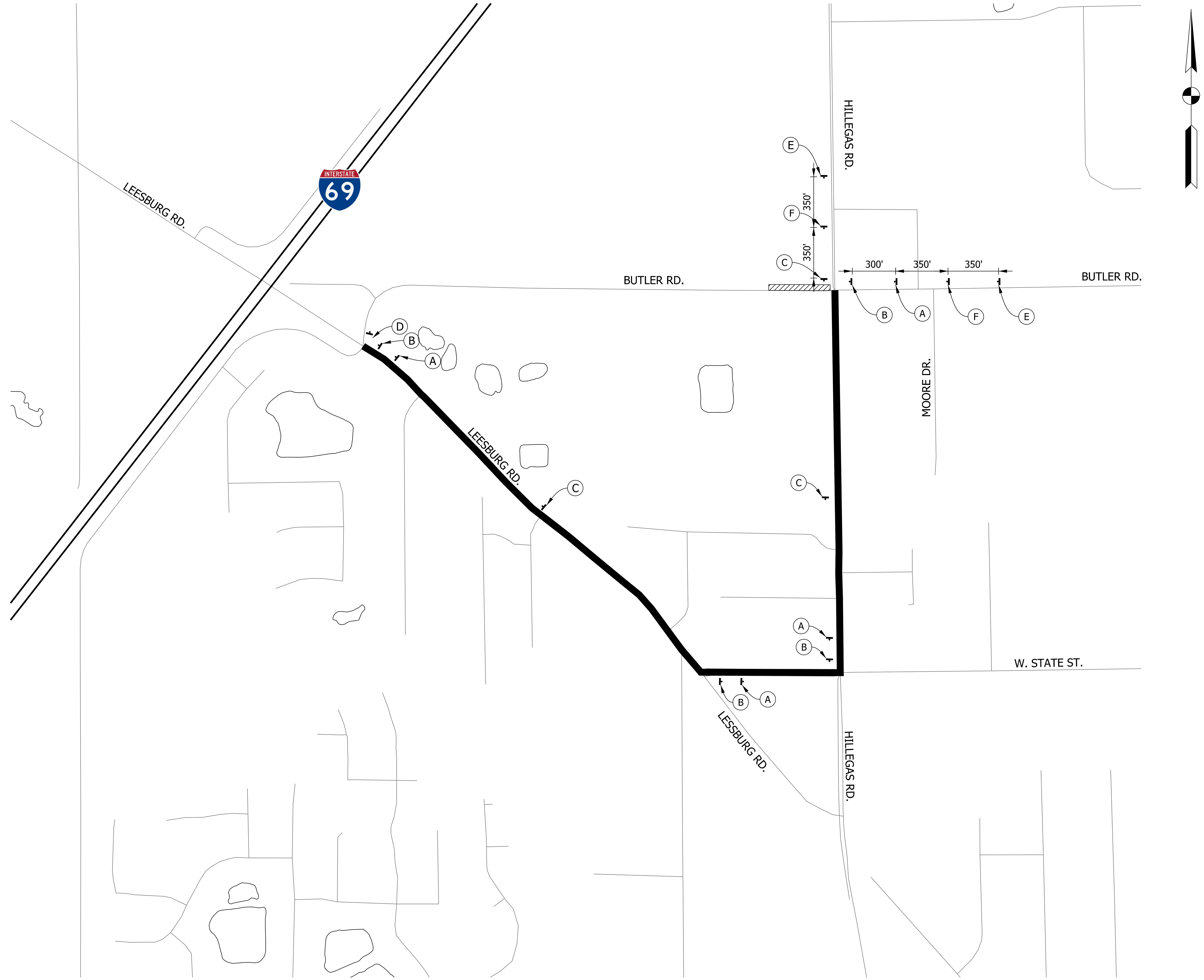

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RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER	DATE
DESIGNED: ARW	DRAWN: KTH/MWM
CHECKED: MJS	CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

DETOUR ROUTE
PHASE IA - BUTLER ROAD

SCALE	BRIDGE FILE
1" = 400'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	16 of 178
CONTRACT	PROJECT
R-42163	1901705

(A)
DETOUR — XM4-8
EAST — M3-2
BUTLER RD — D3-1
M5-1(L)S

(B)
DETOUR — XM4-8
EAST — M3-2
BUTLER RD — D3-1
M6-1(L)S

(C)
DETOUR — XM4-8
EAST — M3-2
BUTLER RD — D3-1
M6-3S

(D)
END DETOUR — XM4-8A
EAST — M3-2
BUTLER RD — D3-1

(E)
ROAD CLOSED AHEAD — XW20-3

(F)
DETOUR AHEAD — XW20-2

CONSTRUCTION AREA

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RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE	CITY OF FORT WAYNE INDIANA	SCALE 1" = 400'	BRIDGE FILE
			DESIGNATION 1901705
DESIGNED: ARW — DRAWN: KTH/MWM	DETOUR ROUTE PHASE IIA - BUTLER ROAD	SURVEY BOOK	SHEETS 17 of 178
CHECKED: MJS — CHECKED: MJS/ARW		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 contruction and landscaping with single travel lane maintained in each direction along constructed curb and gutter.

PHASE I

PHASE II

PHASE III

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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	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	18 of 178
CONTRACT	PROJECT
R-42163	1901705

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

PHASE I

PHASE II

PHASE III

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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	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	19 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:37:16 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

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PHASE I

PHASE II

PHASE III

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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	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	20 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:37:17 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - MOT.dgn

PHASE 1 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"

Changes to W if Full Depth Width Less than 5'-0"

PHASE 1 2 LANE TYPICAL SECTION

PRE-PHASE 1 CONSTRUCTION SECTION PRANGE DRAIN

(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

(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

(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)

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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 178
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 curb 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

(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

(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

(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)

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:37:28 PM By: huynhkt Pen: Transportation.tbl Model:MOT Sh 2

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Typical Sections Project 2.dgn

PHASE 2 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 2 2 LANE TYPICAL SECTION

(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

(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)

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CHECKED: MJS	CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

PHASE 2 MOT
TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	23 of 178
CONTRACT	PROJECT
R-42163	1901705

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)
(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)

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:37:30 PM By: huynhkt Pen: Transportation.tbl Model:MOT Sh 4

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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)
- (90) ADVISORY SPEED PLAQUE (25 MPH) (W13-1P)
- (91) ONE DIRECTION LARGE ARROW (L OR R) (W1-6)
- (94) ONE LANE ROAD (W20-4)

- DIRECTION OF TRAVEL
- TRAFFIC SIGN
- TRAFFIC BARREL
- PHASE I

Prephase: Construct Structure 116 and 123 and their outfall pipes prior to lane closures using Two Way One Lane Operation to establish outfalls for storm system. Shift traffic to right and construct pavement widening and structures from Sta. 40+50 to Sta. 51+40.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	
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CHECKED: MJS	CHECKED: MJS/ARW		

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CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT II - PHASE I

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	25 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:38:16 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1

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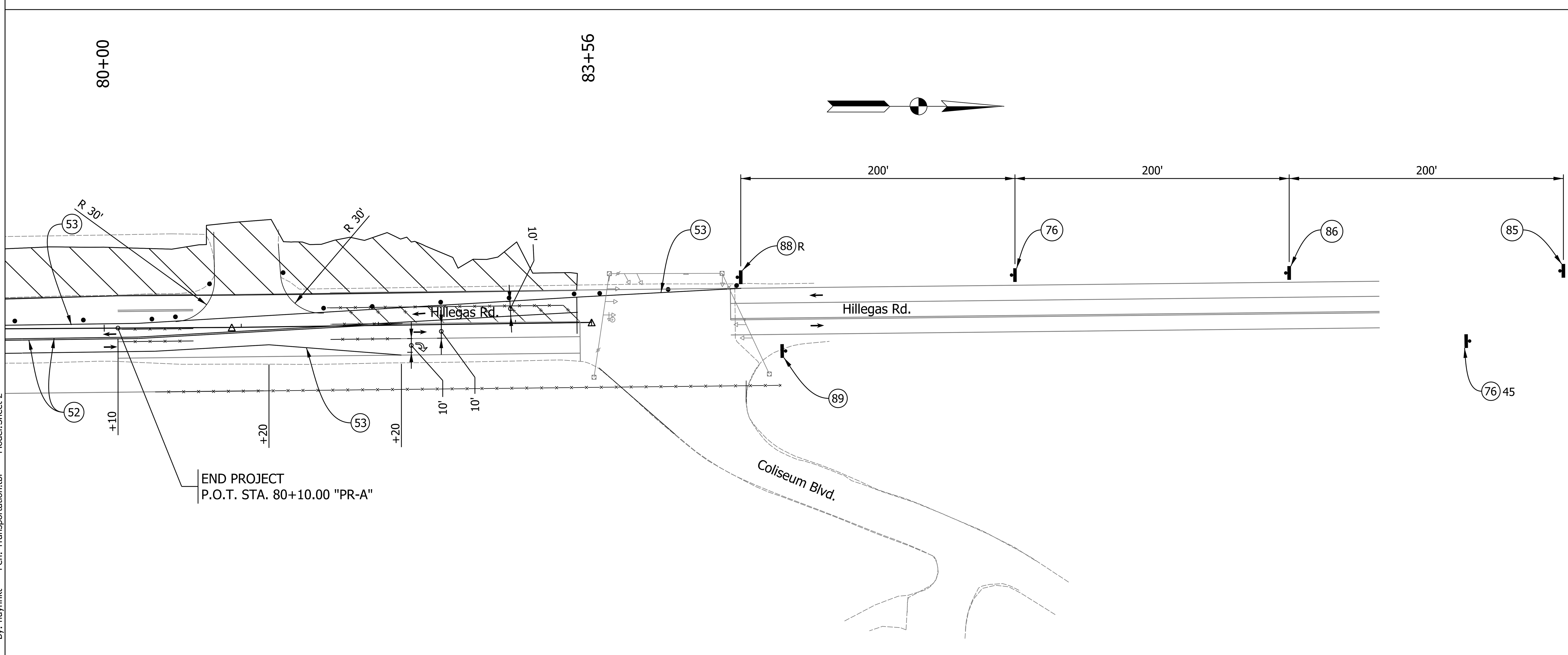
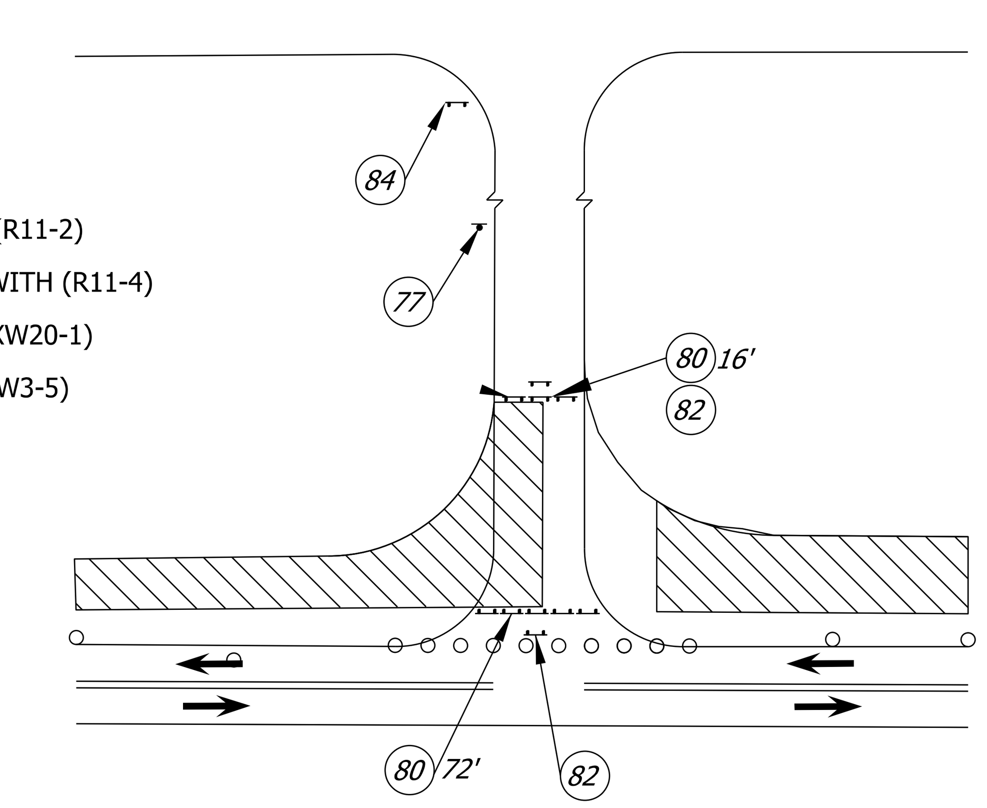


LEGEND

- (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 I



CLEARVIEW DRIVE APPROACH CLOSURE

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CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT II - PHASE I

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	26 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:38:18 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

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DESIGN ENGINEER | DATE

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CHECKED: MJS | CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT II - PHASE II

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	27 of 178
CONTRACT	PROJECT
R-42163	1901705

Model:Sheet 3 Pen: Transportation.tbl By: huynhkt 1:38:23 PM Plot:3/10/2023

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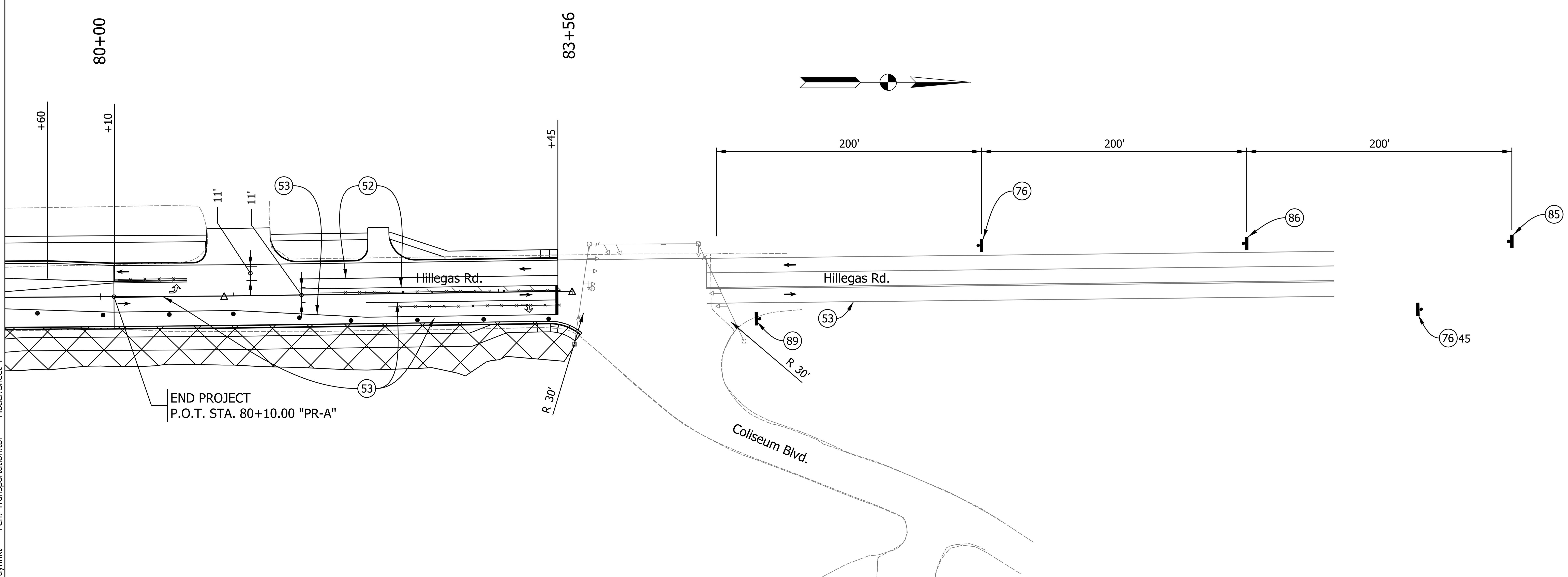

LEGEND

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 1:38:27 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 4

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CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT II - PHASE II

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	28 of 178
CONTRACT	PROJECT
R-42163	1901705

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DESIGN ENGINEER | DATE

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CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT II - PHASE III

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	29 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:38:31 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 5

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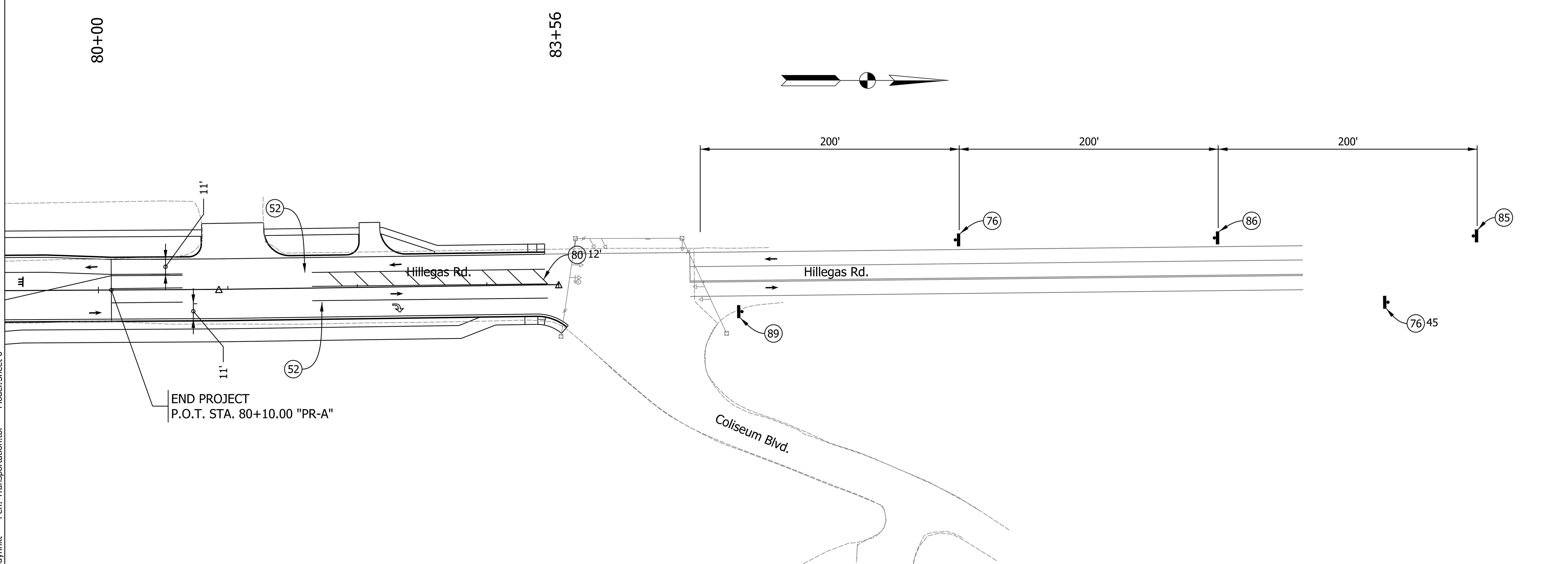

LEGEND

- (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 III

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CITY OF FORT WAYNE
INDIANA

MAINTENANCE OF TRAFFIC
PROJECT II - PHASE III

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	30 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - MOT - Project 2.dgn

Note: See Index Sheet for Control Points

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:00:53 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 6

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile - Project 2.dgn

TBM #6 Bench tie set in east side of PWP, located approximately 150 feet north Clearview Court on east side of Hillegas Road. Elev. 816.064

Note: See Index Sheet for Control Points

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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
	32 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:00:58 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 7

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile - Project 2.dgn

Note: See Index Sheet for Control Points

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:02 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 8

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile - Project 2.dgn

Note: See Index Sheet for Control Points

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:06 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 9

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile - Project 2.dgn

Model:Sheet 10 Pen: Transportation.tbl By: huynhkt 3:01:11 PM Plot:3/10/2023

Note: See Index Sheet for Control Points

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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
	35 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile - Project 2.dgn

Note: See Index Sheet for Control Points

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:17:50 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 11

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile - Project 2.dgn

Note: See Index Sheet for Control Points

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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
	37 of 178
CONTRACT	PROJECT
R-42163	1901705

Model:Sheet 12 Pen: Transportation.tbl By: huynhkt 3:01:24 PM Plot:3/10/2023

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Note: See Index Sheet for Control Points

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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
	38 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:28 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 13

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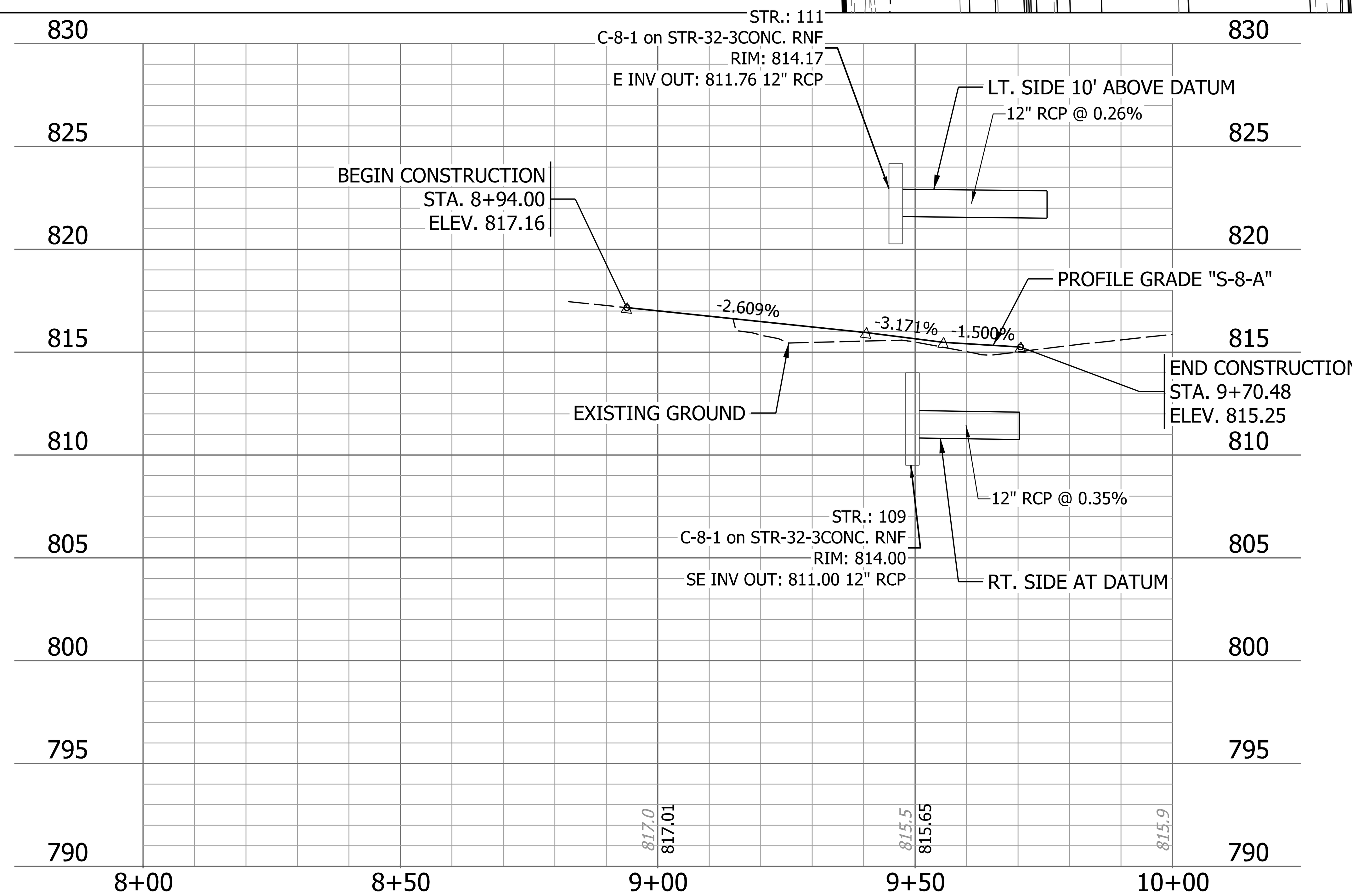

Note: See Index Sheet for Control Points

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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-8-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	39 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:39 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 8

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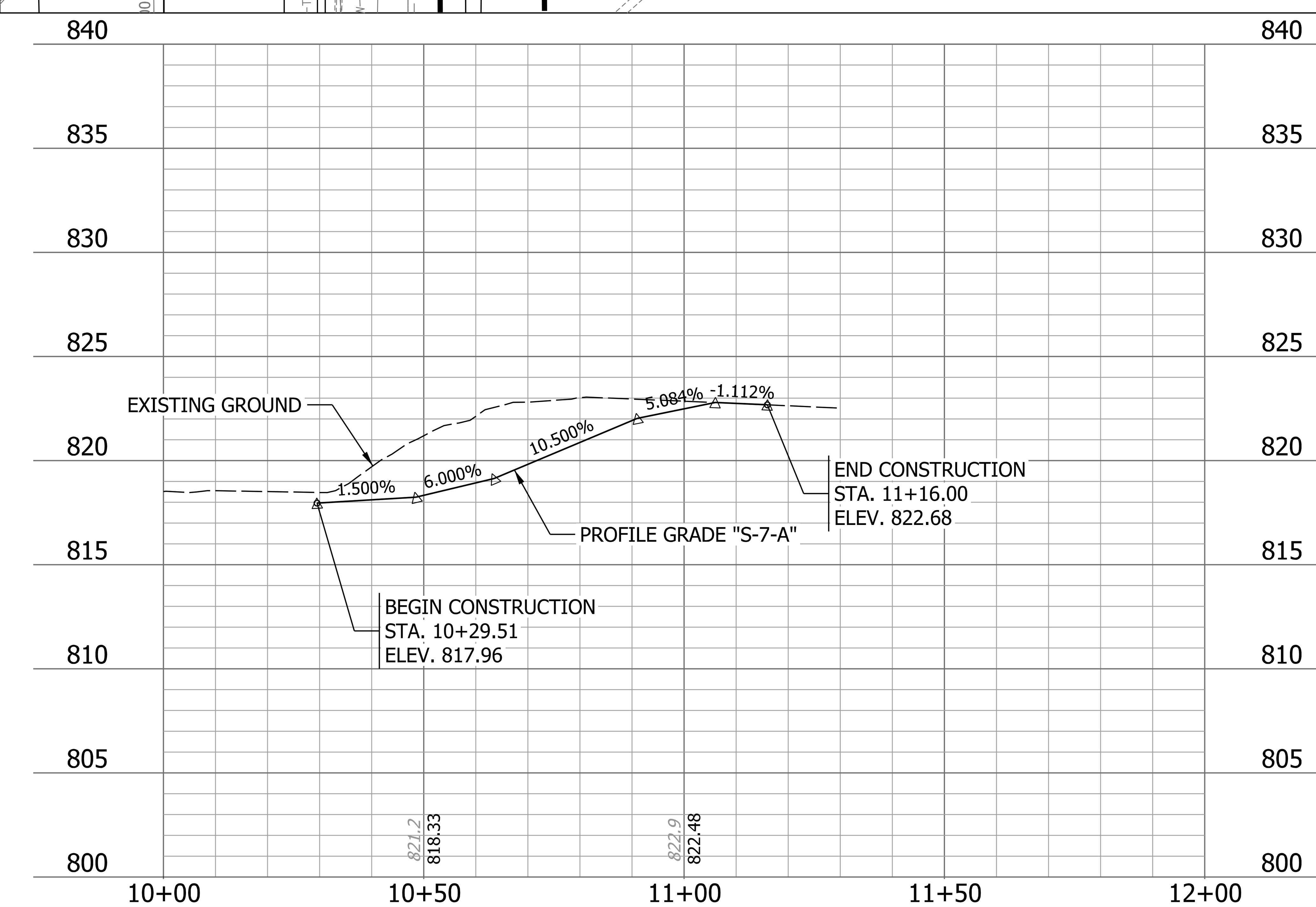

Note: See Index Sheet for Control Points

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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-7-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	40 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:43 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 7

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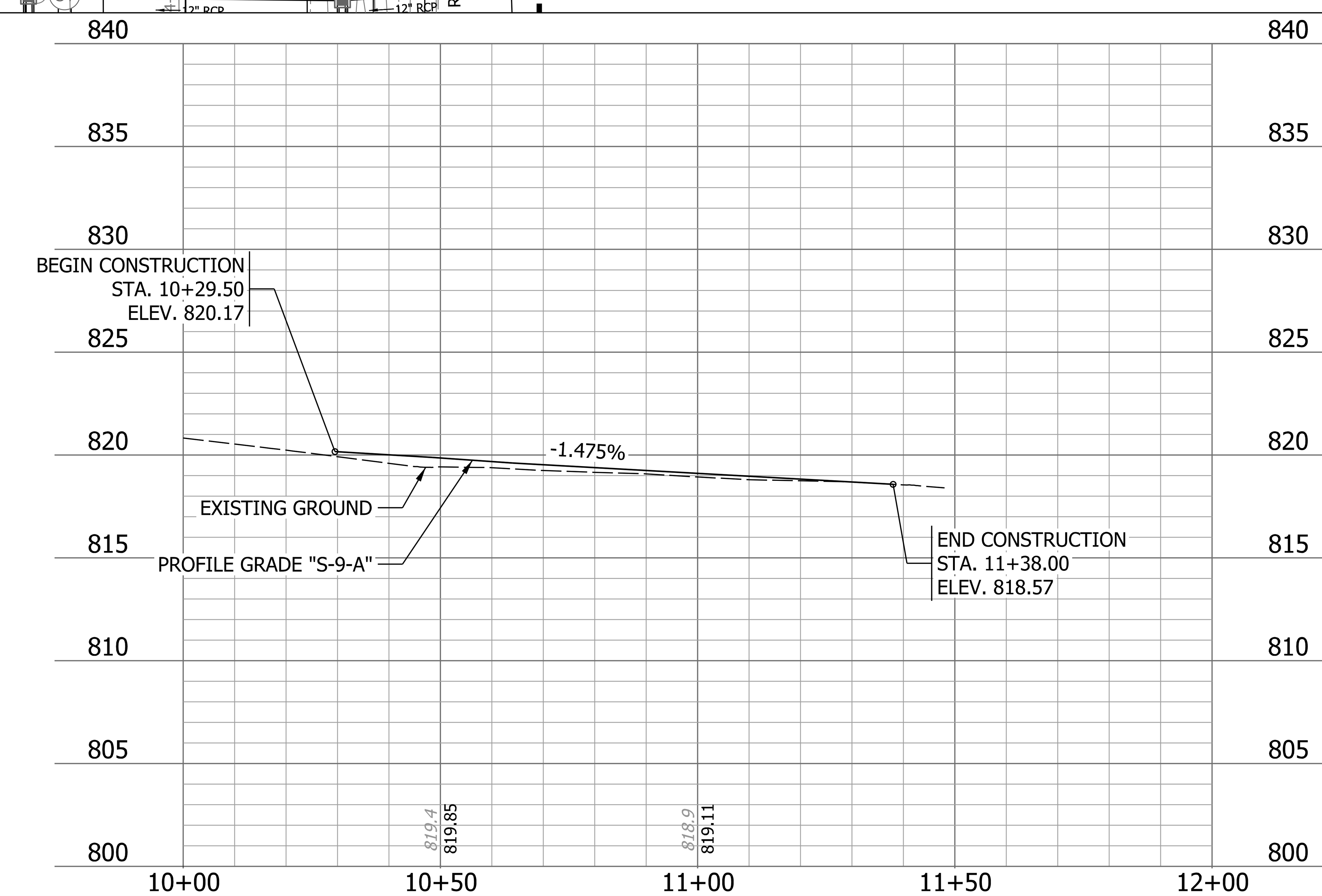

Note: See Index Sheet for Control Points

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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-9-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	41 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:47 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 9

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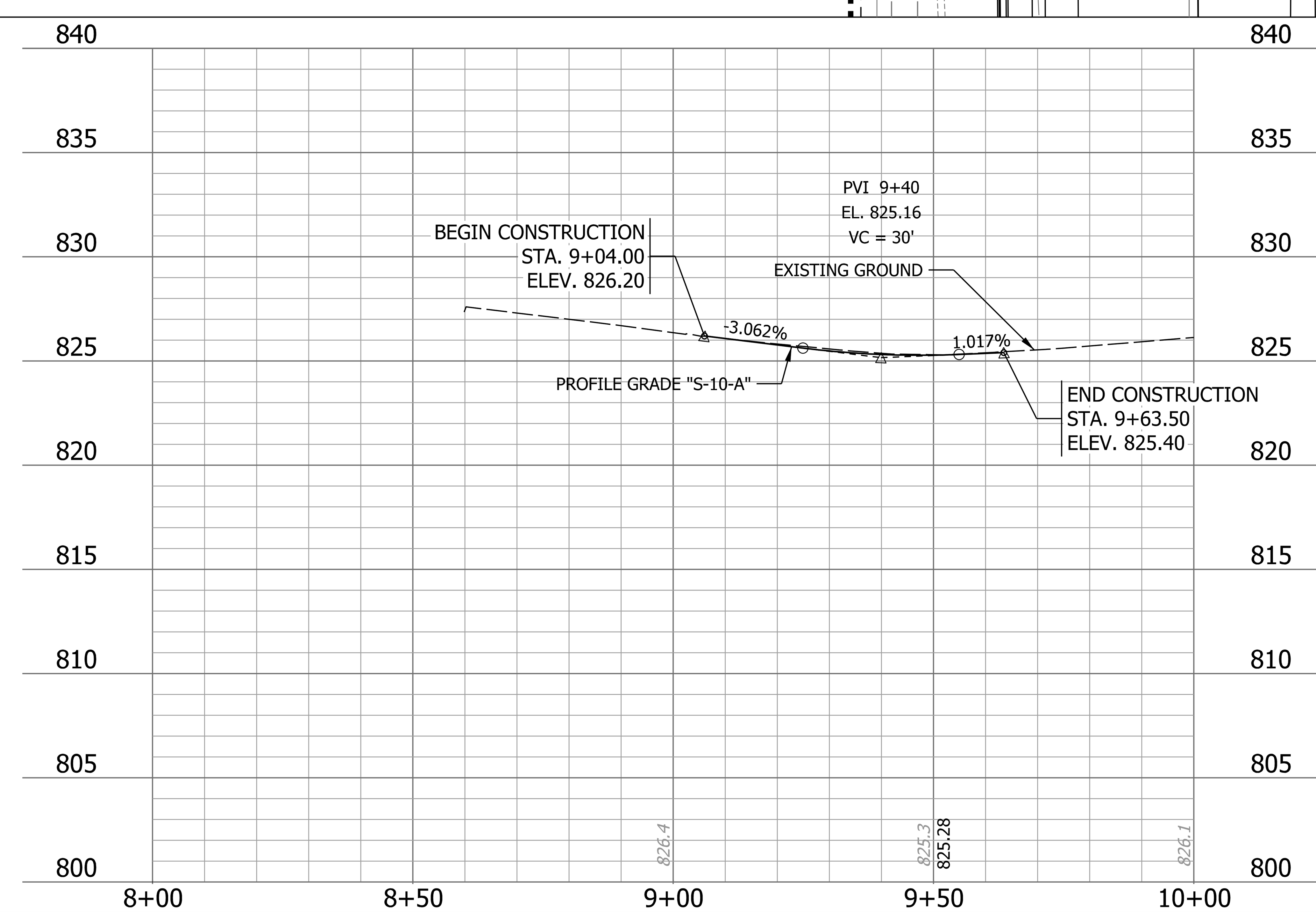

Note: See Index Sheet for Control Points

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

CITY OF FORT WAYNE
INDIANA

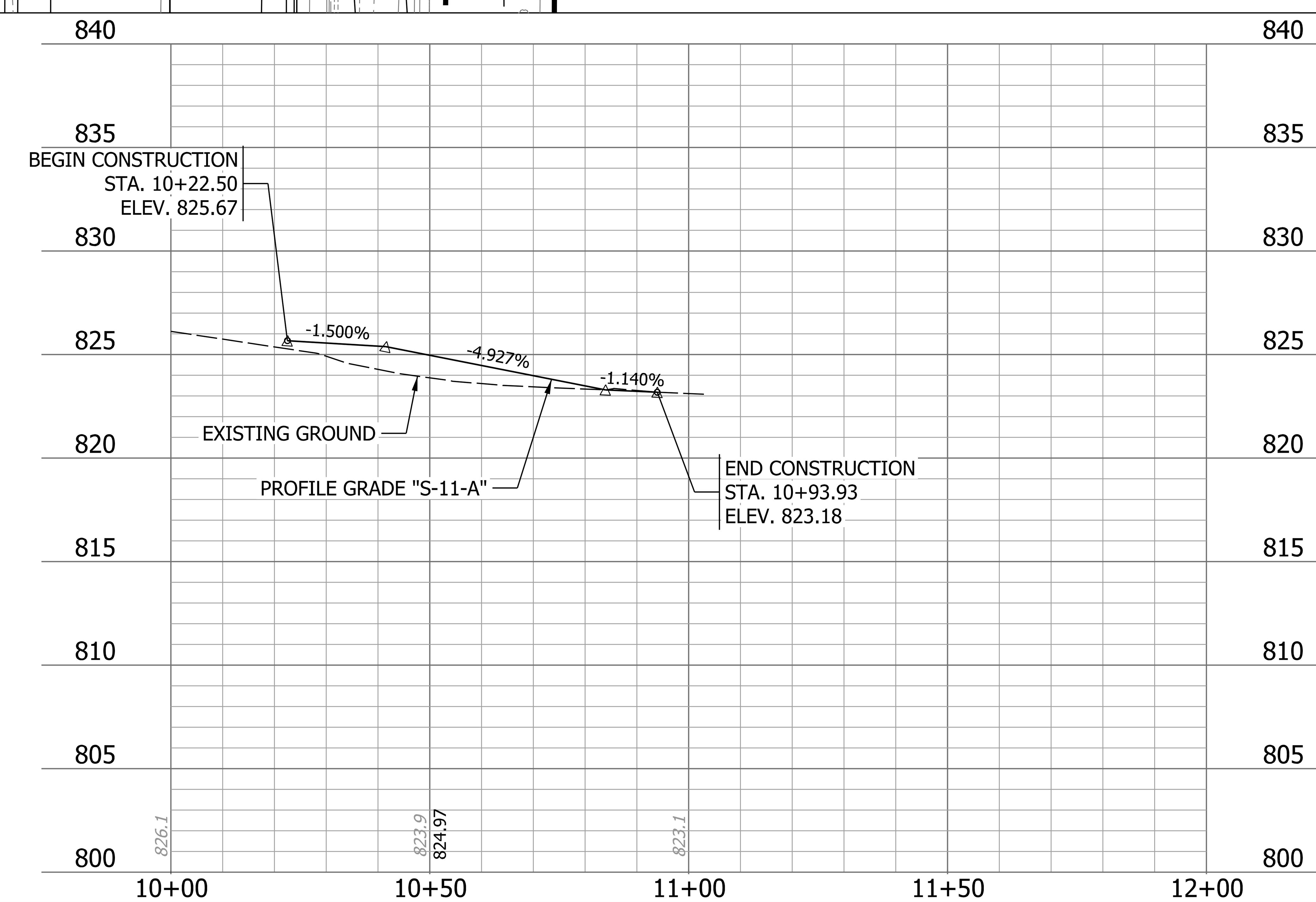
PLAN AND PROFILE
LINE "S-10-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	42 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:51 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 10

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile-S-Lines - Project 2.dgn

ALL R/W DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "S-11-A" TO BE CONSTRUCTED



Note: See Index Sheet for Control Points

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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-11-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	43 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:01:57 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 11

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Plan and Profile-S-Lines - Project 2.dgn

Plot:3/10/2023 1:40:08 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1 Place Holder

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - BLN Details.dgn

(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)

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "PR-A" TO BE CONSTRUCTED

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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
	50 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:12:52 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 6

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details - Project 2.dgn

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "PR-A" TO BE CONSTRUCTED

(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)

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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 178
CONTRACT	PROJECT
R-42163	1901705

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)

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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
	52 of 178
CONTRACT	PROJECT
R-42163	1901705

(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)

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "PR-A" TO BE CONSTRUCTED

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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
	53 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:13:08 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 9

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details - Project 2.dgn

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "PR-A" TO BE CONSTRUCTED

(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)

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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 178
CONTRACT	PROJECT
R-42163	1901705

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

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details - Project 2.dgn

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)

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "PR-A" TO BE CONSTRUCTED

gai consultants

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 55 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:13:16 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 11

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details - Project 2.dgn

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
LINE "PR-A" TO BE CONSTRUCTED

(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)

gai consultants

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
	56 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:13:21 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 12

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details - Project 2.dgn

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "S-15-A" UNLESS OTHERWISE NOTED
LINE "PR-A" TO BE CONSTRUCTED

(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)

gai consultants

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

CITY OF FORT WAYNE
INDIANA

CONSTRUCTION DETAIL
LINES "S-15-A" AND "PR-A"

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	57 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:13:25 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 13

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details - Project 2.dgn

(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)

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "S-1-A" AND "S-2-A" UNLESS OTHERWISE NOTED
LINE "S-1-A" AND "S-2-A" TO BE CONSTRUCTED

gai consultants	RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE	CITY OF FORT WAYNE INDIANA	SCALE: 1" = 20'	BRIDGE FILE
				DESIGNATION: 1901705
	DESIGNED: ARW / DRAWN: KTH/MWM	CONSTRUCTION DETAILS LINES "S-1-A" & "S-2-A"	SURVEY BOOK	SHEETS: 58 of 178
	CHECKED: MJS / CHECKED: MJS/ARW		CONTRACT: R-42163	PROJECT: 1901705

Model:Sheet 1 Pen: Transportation.tbl By: huynhkt 3:13:31 PM Plot:3/10/2023

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(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)

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "S-1-A" AND "S-2-A" UNLESS OTHERWISE NOTED
LINE "S-1-A" AND "S-2-A" TO BE CONSTRUCTED

gai consultants	RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE	CITY OF FORT WAYNE INDIANA	SCALE: 1" = 20' ; BRIDGE FILE ; DESIGNATION: 1901705
	DESIGNED: ARW — DRAWN: KTH/MWM	CONSTRUCTION DETAILS LINES "S-1-A" & "S-2-A"	SURVEY BOOK ; SHEETS: 59 of 178
	CHECKED: MJS — CHECKED: MJS/ARW		CONTRACT: R-42163 ; PROJECT: 1901705

Plot:3/10/2023 3:13:35 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1A

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(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)

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "S-5-A" AND "S-6-A" UNLESS OTHERWISE NOTED
LINE "S-5-A" AND "S-6-A" TO BE CONSTRUCTED

gai consultants

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'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	60 of 178
CONTRACT	PROJECT
R-42163	1901705

Model:Sheet 2 Pen: Transportation.tbl By: huynhkt 3:13:38 PM Plot:3/10/2023

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details-S-Lines - Project 2.dgn

(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)

ALL R/W AND TOPOGRAPHY DESCRIBED FROM LINE "S-5-A" AND "S-6-A" UNLESS OTHERWISE NOTED
LINE "S-5-A" AND "S-6-A" TO BE CONSTRUCTED

gai consultants

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'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	61 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 3:13:41 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2A

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Construction Details-S-Lines - Project 2.dgn

Plot:3/10/2023 1:42:06 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1

gai consultants

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

CITY OF FORT WAYNE
INDIANA

APPROACH DETAILS
CLEARVIEW DRIVE AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	62 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Approach Details - Project 2.dgn

Plot:3/10/2023 1:42:06 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

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

CITY OF FORT WAYNE
INDIANA

APPROACH DETAILS
SUPERIOR RIDGE DRIVE AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	63 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Approach Details - Project 2.dgn

gai consultants

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE	CITY OF FORT WAYNE INDIANA	SCALE: 1" = 10'	BRIDGE FILE
			DESIGNATION: 1901705
DESIGNED: ARW — DRAWN: KTH/MWM	APPROACH DETAILS INDEPENDENCE DRIVE AND HILLEGAS ROAD	SURVEY BOOK	SHEETS: 64 of 178
CHECKED: MJS — CHECKED: MJS/ARW		CONTRACT: R-42163	PROJECT: 1901705

Plot:3/10/2023 1:42:09 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

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gai consultants

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: ARW DRAWN: KTH/MWM

CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

APPROACH DETAILS
CONCEPT COURT AND
KRAFT PARKWAY AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	65 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:42:10 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 4

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LEGEND

CR CURB RAMP

gai consultants

RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER ____ DATE

DESIGNED: ARW DRAWN: KTH/MWM

CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
CLEARVIEW DRIVE AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	66 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:42:13 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Curb Ramps - Project 2.dgn

LEGEND

(CR) CURB RAMP

gai consultants

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

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
SUPERIOR RIDGE DRIVE AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	67 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:42:13 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Curb Ramps - Project 2.dgn

LEGEND

CR CURB RAMP

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RECOMMENDED FOR APPROVAL

DESIGN ENGINEER | DATE

DESIGNED: ARW

DRAWN: KTH/MWM

CHECKED: MJS

CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
INDEPENDENCE DRIVE AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	68 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:42:15 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

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LEGEND

(CR) CURB RAMP

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

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
INDEPENDENCE DRIVE AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	69 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:42:15 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 4

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Curb Ramps - Project 2.dgn

Plot:3/10/2023 1:42:16 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 5

LEGEND

CR CURB RAMP

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

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
KRAFT PARKWAY AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	70 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Curb Ramps - Project 2.dgn

LEGEND

(CR) CURB RAMP

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

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
CONCEPT COURT AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	71 of 178
CONTRACT	PROJECT
R-42163	1901705

Model: Sheet 7
Pen: Transportation.tbl
By: huynhkt
1:42:18 PM
Plot: 3/10/2023

LEGEND

(CR) CURB RAMP

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

CITY OF FORT WAYNE
INDIANA

CURB RAMP DETAILS
COLISEUM BLVD. AND HILLEGAS ROAD

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	72 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Curb Ramps - Project 2.dgn

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.
(52) TRANVERSE MARKINGS, MULTI-COMPONENT, SOLID, CROSSHATCH, YELLOW, 12 IN @ 20' O.C.

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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
	73 of 178
CONTRACT	PROJECT
R-42163	1901705

Model:Sheet 1 Pen: Transportation.tbl By: huynhkt 1:42:41 PM Plot:3/10/2023

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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.

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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
	74 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:42:42 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Pavement Markings.dgn

LEGEND

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

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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
	75 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:42:48 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - 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) 0.080"	0.100"	0.125"	SIGN, SHEET, RESET EACH	SIGN, SHEET, REMOVE EACH	SIGN, SHEET, RELOCATE EACH	POST SQUARE 2" X 2" - 12 GA. (TYPE 2) REINFORCED ANCHOR POST LENGTH (FT.) 1	2	TOTAL	POST SQUARE 2 1/4" X 2 1/4" - 12 GA. (TYPE 1) REINFORCED ANCHOR POST LENGTH (FT.) 1	TOTAL
106	40+90.87	Ruff House Sign	Exist.				1							
	44+15	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	48+40	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	48+71.00													
	LT	R3-9dP	30 x 12	2.50									11.5	11.5
		R3-9b	24 x 36	6.00										
	49+50													
	RT	R3-9cP	30 x 12	2.50									11.5	11.5
		R3-9b	24 x 36	6.00										
	52+89.00	Hoagland Electric	Exist				1							
	53+51.50	Peg Perego	Exist				1							
	54+20.00													
	LT	R3-9cP	30 x 12	2.50									11.5	11.5
		R3-9b	24 x 36	6.00										
	RT	R3-9dP	30 x 12	2.50									11.5	11.5
		R3-9b	24 x 36	6.00										
	54+28.43	R3-5 ('R)	Exist					1						
	54+34.21	R10-12	Exist					1						
	54+51.00	R10-Y5a	30 x 36	7.50									Mounted on Signal Span	
	54+44.36	D3-1 (Independence Dr.)	Exist					1						
	54+51.50	D3-1 (Independence Dr.)	48 x 9		3.00								Mounted on Signal Span	
	55+02.00	R3-5 (L)	30 x 36	7.50									Mounted on Signal Span	
	55+03.18	R3-5 (L)	Exist					1						
	55+26.50	R3-5 ('R)	30 x 36	7.50									Mounted on Signal Span	
	55+27.55	R3-5 ('R)	Exist					1						
	55+41.00	D3-1 (Hillegas Rd)	Exist					1						
		D3-1 (Hillegas Rd)	36 x 9		2.25								Mounted on Signal Span	
	55+50.50	D3-1 (Independence Dr.)	48 x 9		3.00								Mounted on Signal Span	
	55+73.79	D3-1 (Independence Dr.)	Exist					1						
	55+53.00	R3-5 (L)	30 x 36	7.50									Mounted on Signal Span	
	55+70.04	R3-5 (L)	Exist					1						
	59+70	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	61+26.00	R2-1 (45)	30 x 36	7.50									10.5	10.5
	61+26.26	R2-1 (45)	Exist					1						
		TOTAL THIS SHEET		85.00	8.25	0.00	3	9	0			0.0		82.0

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RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER DATE	CITY OF FORT WAYNE INDIANA	SCALE N/A; BRIDGE FILE; DESIGNATION 1901705
DESIGNED: ARW DRAWN: KTH/MWM CHECKED: MJS CHECKED: MJS/ARW	SIGN SUMMARY TABLE PROJECT 1	SURVEY BOOK; SHEETS 76 of 178; CONTRACT R-42163; PROJECT 1901705

Plot:3/10/2023 1:42:49 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Sign Summary Tables - Project 2.dgn

SHEET SIGN & POST SUMMARY

PLAN SHEET NO. / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	SIGN: GROUND - MOUNTED SIGN AREA (ft^2) 0.080"	0.100"	0.125"	SIGN, SHEET, RESET EACH	SIGN, SHEET, REMOVE EACH	SIGN, SHEET, RELOCATE EACH	POST: SQUARE 2" X 2" - 12 GA. (TYPE 2) REINFORCED ANCHOR POST LENGTH (FT.) 1	2	TOTAL	SQUARE 2 1/4" X 2 1/4" - 12 GA. (TYPE 1) REINFORCED ANCHOR POST LENGTH (FT.) 1	TOTAL
107	66+52.50	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	71+82.00	SPL-36 (Blue)	24 x 12	2.00									11.8	11.8
		M1-1	24 x 24	4.00										
		M5-2R	21 x 15	2.20										
	72+82.50	SPL-36	Exist						1					
		M1-1	Exist					1						
		M6-1	Exist					1						
	75+12.50	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	78+64.50	R3-7R	Exist					1						
	78+65.00	R3-7R	36 x 36		9.00								10.5	10.5
	79+12.50	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	80+00.00	R14-1	Exist.					1						
		R14-1	24 x 18	3.00									9.0	9.0
	81+31.25	No Semi	Exist.				1							
		Turnraround												
	S-7-A													
	10+46.34	D3-1 (Hillegas Rd)	Exist.					1						
		D3-1 (Clearview Dr)	Exist.					1						
		R1-1	Exist.					1						
	10+52.00	D3-1 (Hillegas Rd)	36 x 9		2.25								11.5	11.5
		D3-1 (Clearview Dr)	36 x 9		2.25									
		R1-1	30 x 30	6.25										
	S-8-A													
	9+52.00	D3-1 (Hillegas Rd)	36 x 9		2.25								11.5	11.5
		D3-1 (Superior Ridge Dr)	48 x 9		3.00									
		R1-1	30 x 30	6.25										
	9+58.35	D3-1 (Hillegas Rd)	Exist.					1						
		D3-1 (Superior Ridge Dr)	Exist.					1						
		R1-1	Exist.					1						
	S-9-A													
	10+50.00	R4-7	18 x 30	3.75									8.5	8.5
		OM3-L	6 x 18	0.75										
	10+57.52	R4-7	Exist.					1						
		OM3-L	Exist.					1						
		TOTAL THIS SHEET		41.70	18.75	0.00	1	12	1			0.0		88.3

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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
	77 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:43:02 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Sign Summary Tables - Project 2.dgn

SHEET SIGN & POST SUMMARY

SIGN										POST				
										SQUARE				
PLAN SHEET NO. / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	GROUND - MOUNTED SIGN AREA (ft^2)			SIGN, SHEET, RESET	SIGN, SHEET, REMOVE	SIGN, SHEET, RELOCATE	2" X 2" - 12 GA. (TYPE 2) REINFORCED ANCHOR POST LENGTH (FT.)			2 1/4" X 2 1/4" - 12 GA. (TYPE 1) REINFORCED ANCHOR POST LENGTH (FT.)	
				0.080"	0.100"	0.125"	EACH	EACH	EACH	1	2	TOTAL	1	TOTAL
107	**S-10-A**													
	9+35.00	D3-1 (Hillegas Rd)	36 x 9		2.25								11.5	11.5
		D3-1 (Concept Ct)	36 x 9		2.25									
		R1-1	30 x 30	6.25										
	S-11-A													
	10+45.00	D3-1 (Hillegas Rd)	36 x 9		2.25								11.5	11.5
		D3-1 (Kraft Pkwy)	36 x 9		2.25									
		R1-1	30 x 30	6.25										
	10+55.92	D3-1 (Hillegas Rd)	Exist.					1						
		D3-1 (Kraft Pkwy)	Exist.					1						
		R1-1	Exist.					1						
		TOTAL THIS SHEET		12.50	9.00	0.00	0	3	0			0.0		23.0
		TOTAL SHEET 1		85.00	8.25	0.00	3	9	0			0.0		82.0
		TOTAL SHEET 2		41.70	18.75	0.00	1	12	1			0.0		88.3
		OVERALL TOTAL		140	36	0	4	24	1			0		194

Plot:3/10/2023 1:43:18 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

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RECOMMENDED FOR APPROVAL ______ DESIGN ENGINEER DATE

DESIGNED: ARW DRAWN: KTH/MWM

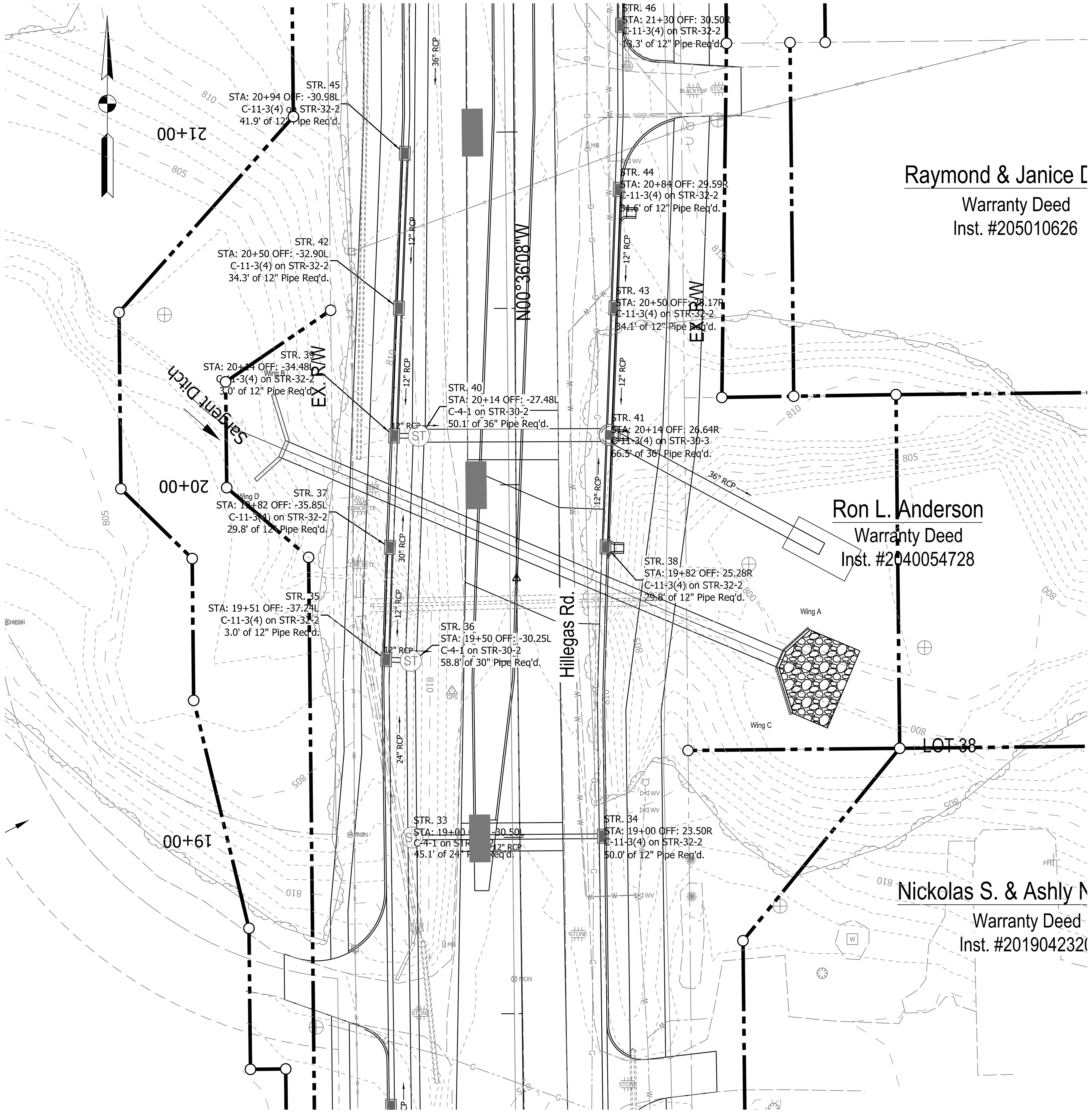
CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

SIGN SUMMARY TABLE
PROJECT 1

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	78 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Sign Summary Tables - Project 2.dgn



NOTE TO REVIEWER
DETAILS TO BE COMPLETED AT STAGE 3

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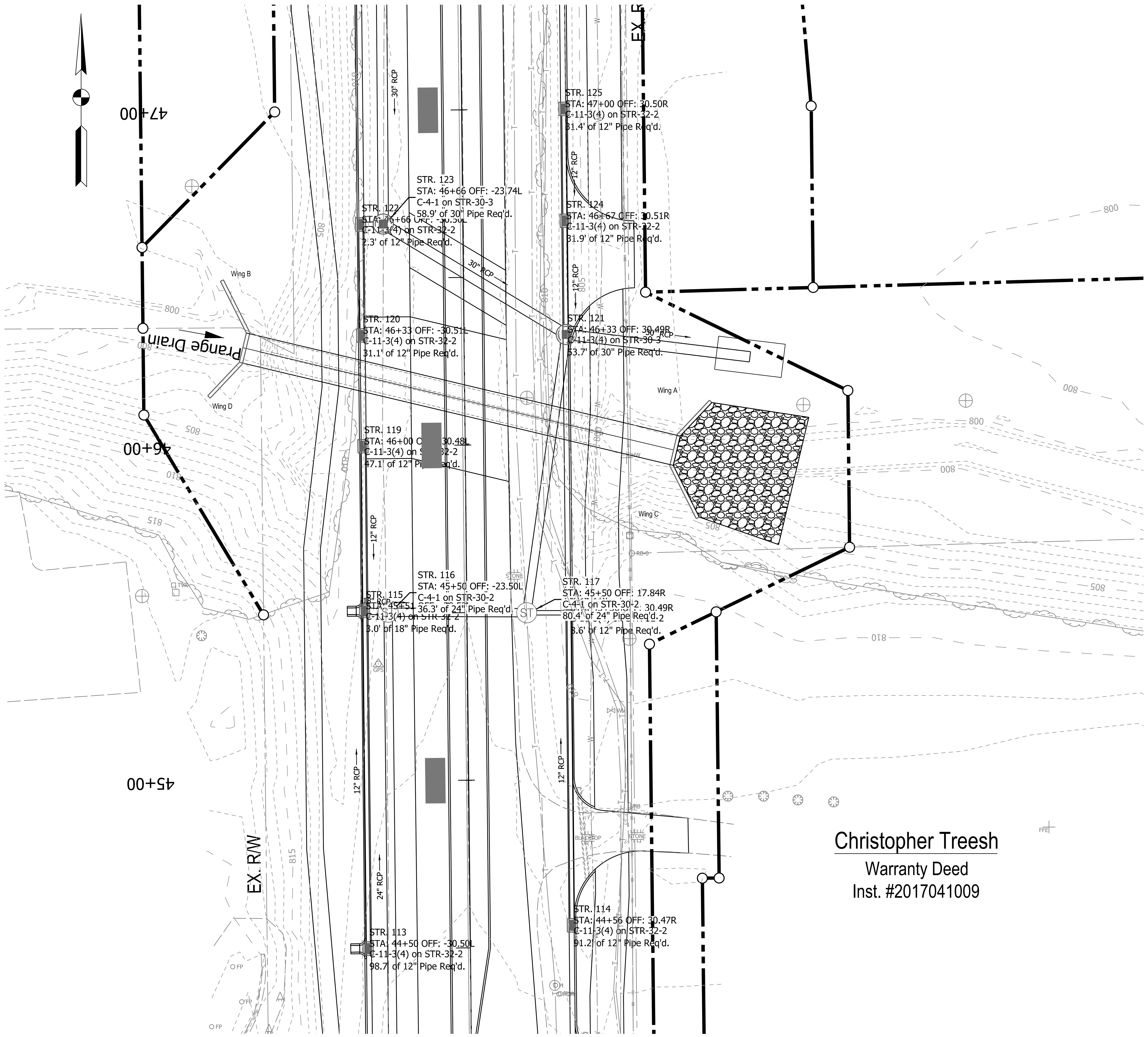
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER / DATE	CITY OF FORT WAYNE INDIANA	SCALE: 1" = 20'	BRIDGE FILE / DESIGNATION: 1901705
DESIGNED: ARW	DRAWN: KTH/MWM	DRAINAGE CONSTRUCTION DETAIL SARGENT DITCH	SURVEY BOOK	SHEETS: 79 of 178
CHECKED: MJS	CHECKED: MJS/ARW		CONTRACT: R-42163	PROJECT: 1901705

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

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Bioswale Details.dgn



NOTE TO REVIEWER
DETAILS TO BE COMPLETED AT STAGE 3

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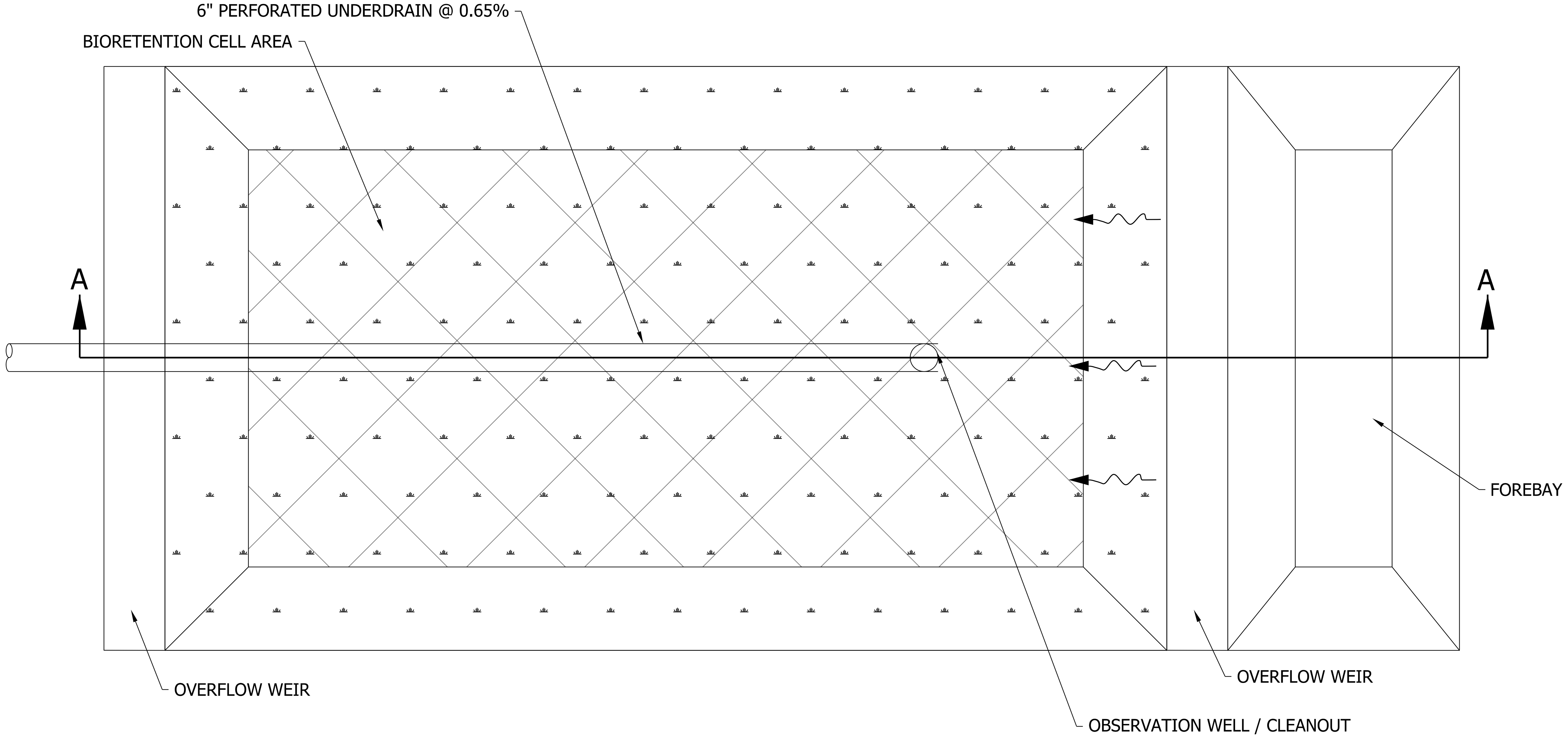
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE

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
	80 of 178
CONTRACT	PROJECT
R-42163	1901705

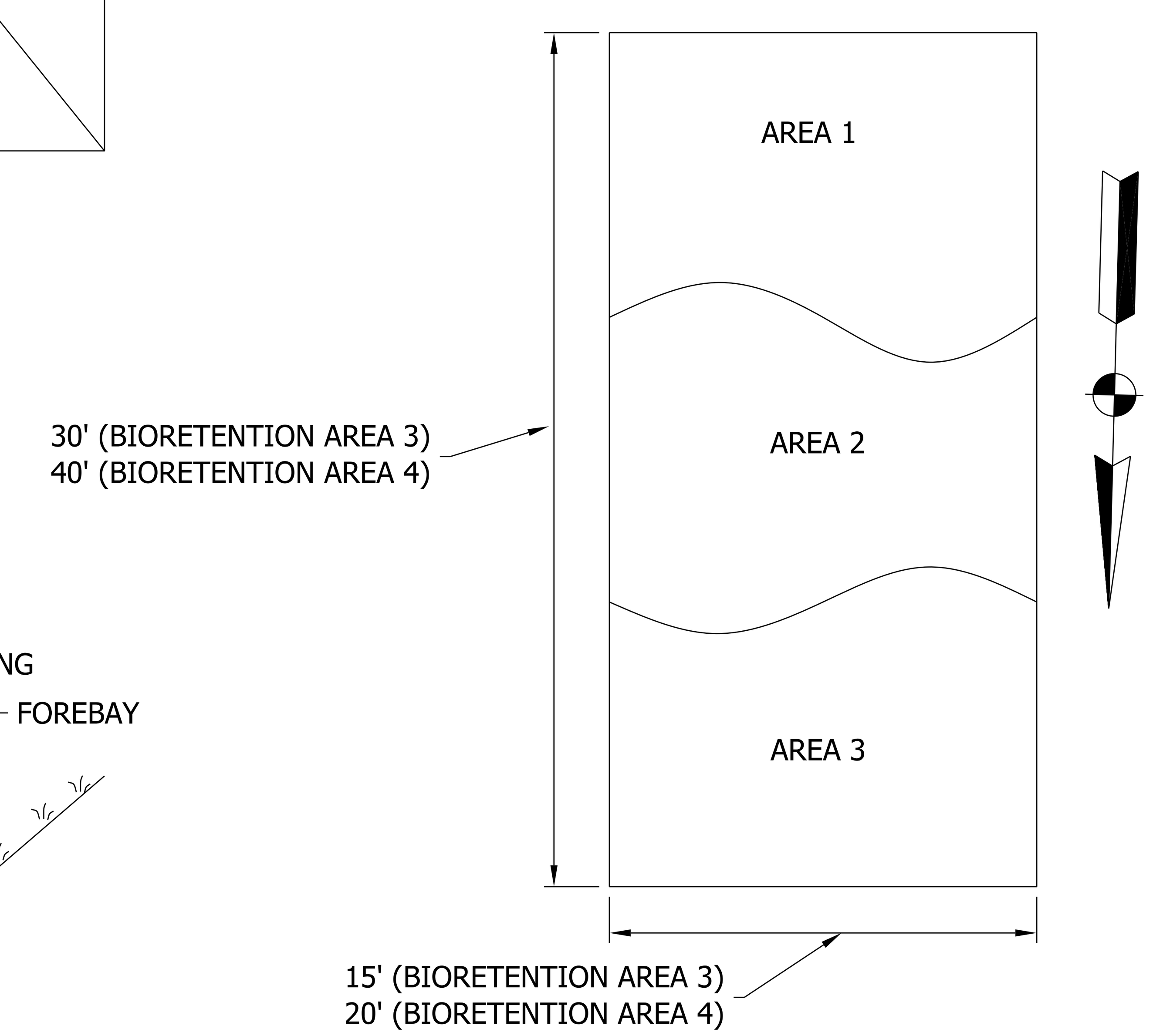


PLAN VIEW BIORETENTION CELL IN OPEN AREA WITH LEVEL SURFACE
NOT TO SCALE

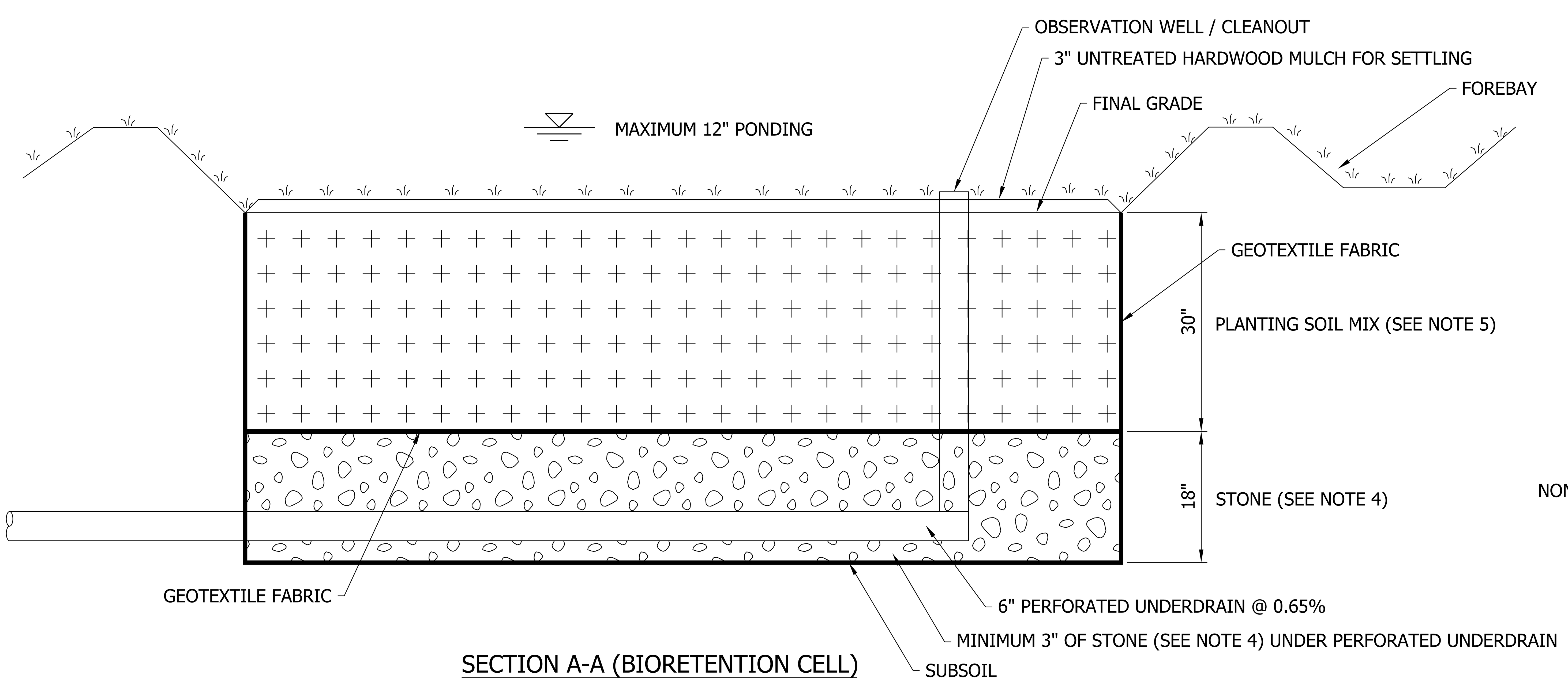
NOTES
1. DO NOT APPLY FERTILIZER OR LIME TO THE BIORETENTION CELL AREA.
2. SCARIFY THE SUBSOIL 3" MINIMUM BEFORE INSTALLATION OF AGGREGATE INTO BIORETENTION CELL.
3. CONSTRUCT BIORETENTION CELLS WITH VERTICAL SIDES UNLESS OTHERWISE SPECIFIED.
4. STONE SHALL BE UNIFORMLY GRADED, CRUSHED, AND WASHED STONE MEETING SPECIFICATIONS OF AASHTO No. 3 OR No. 5.
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.
6. 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

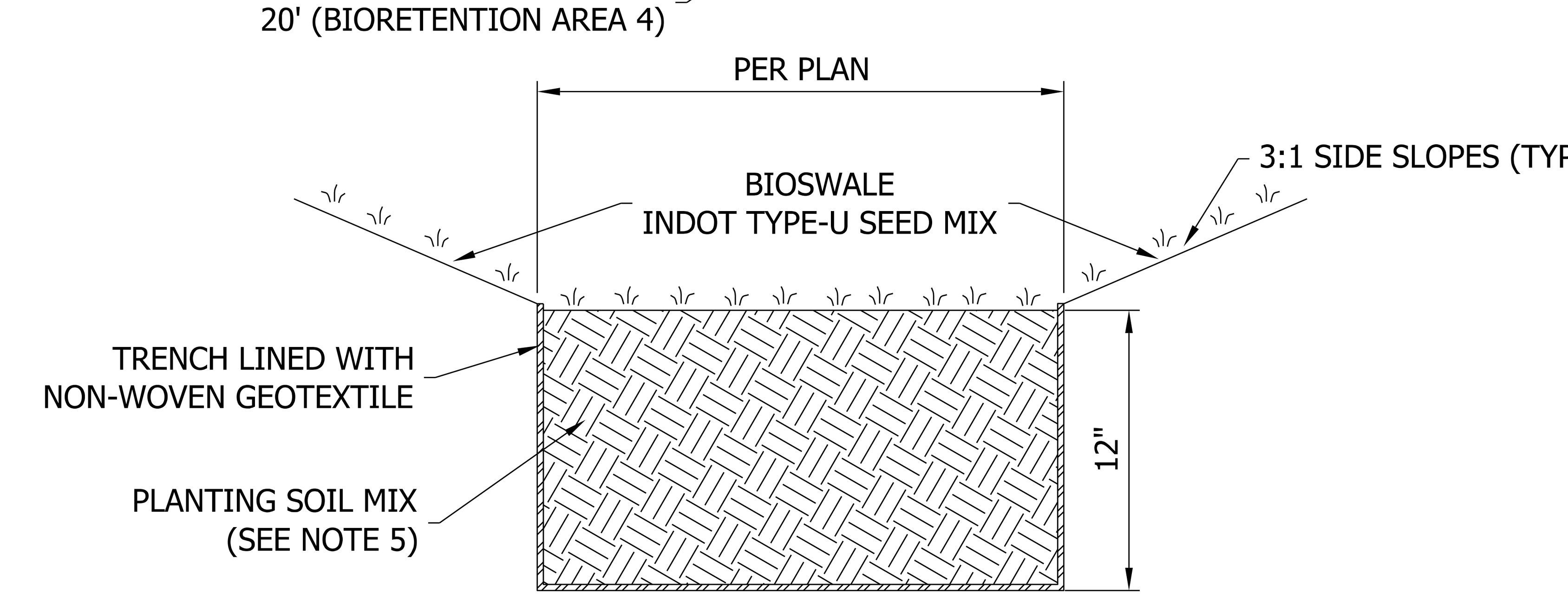
Area	Common Name	Latin Name	Bloom Time	Bloom Color	Height	Width	Spacing	Quanity	
								Bioretention Area 1	Bioretention Area 2
Area 1	Marsh Blazing Star	*Liatris spicata*	July - Aug	Purple	3-5 ft	.5 ft	1.5	77	137
Area 2	Grass-leaved Goldenrod	*Solidago graminifolia*	Sept - Oct	Yellow	3-4 ft	1-2 ft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



NOTES
1. 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

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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	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	81 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:45:17 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

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NOTE TO REVIEWER

Erosion Control Sheets will be finalized at Stage 3 submittal.

Model:Sheet 2 Pen: Transportation.tbl By: huynhkt 1:45:43 PM Plot:3/10/2023

LEGEND

- ∩ & O Temporary Inlet Protection, Filter Sock
- ⊓ Temporary Curb Inlet Protection
- —SF— Temporary Silt Fence

gai consultants

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

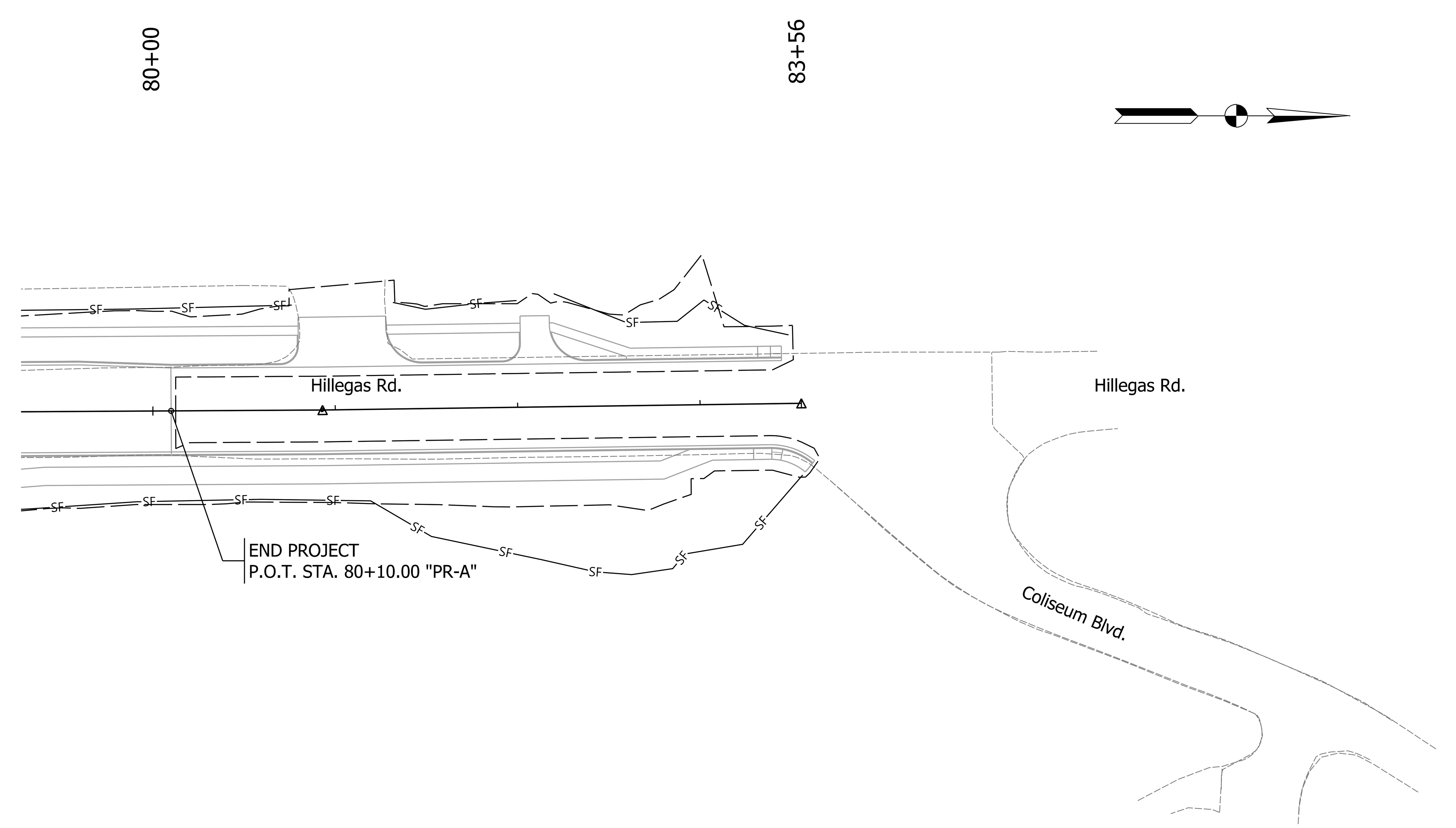
CITY OF FORT WAYNE
INDIANA

TEMPORARY EROSION CONTROL

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	82 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Erosion Control - Project 2.dgn

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



LEGEND

◯ & ◯	Temporary Inlet Protection, Filter Sock
⊓	Temporary Curb Inlet Protection
——SF——	Temporary Silt Fence

gai consultants

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
			VERTICAL SCALE	DESIGNATION 1901705
DESIGNED: ARW	DRAWN: KTH/MWM		SURVEY BOOK	SHEETS 83 of 178
CHECKED: MJS	CHECKED: MJS/ARW		CONTRACT R-42163	PROJECT 1901705

CITY OF FORT WAYNE
INDIANA

TEMPORARY EROSION CONTROL

Plot:3/10/2023 1:45:48 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

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TEMPORARY EROSION CONTROL TABLE

LOCATION					TEMPORARY SLOPE DRAIN	TEMPORARY FILTER BERM	TEMPORARY SILT FENCE	TEMPORARY INLET PROTECTION, FILTER SOCK	TEMPORARY CURB INLET PROTECTION	TEMPORARY CHECK DAM, REVETMENT RIPAP	TEMPORARY CHECK DAM, TRAVERSABLE	EROSION CONTROL BLANKET	TEMPORARY SEEDING	RIPRAP REVETMENT	REMARKS
LINE	STATION	LEFT	MEDIAN	RIGHT	LFT	LFT	LFT	EACH	EACH	TON	LFT	SYS	LBS	TON	
PR-A	34+00			X					1						
	34+50			X					1						
	35+00	X						1							
	35+01	X							1						
	35+37			X					1						
	35+73	X							1						
	35+74			X					1						
	36+11	X						1							
	36+11			X					1						
	36+96			X				1							
	37+01	X						2	1						
	37+01			X					1						
	37+31			X					1						
	37+50	X							1						
	37+81	X							1						
	37+81			X					1						
	38+25								1						
	39+00	X						1	1						
	39+00			X					1						
	41+68								1						
	42+50	X						1							
	42+51	X							1						
	42+49			X					1						
	43+27	X							1						
	43+40	X						1							
	43+50			X					1						
	43+87	X						1							
	43+88	X						1							
	43+50	X							1						
	43+56			X					1						
	45+50	X						1							
	45+51	X							1						
	45+50			X				1	1						
	46+00	X							1						
	46+33	X							1						
	46+33			X					1						
	46+66	X						1	1						
	46+67			X					1						
	47+00			X					1						
	47+50	X						1	1						
	47+50			X					1						
	48+00			X					1						
	48+50	X							1						
	49+01	X						1	1						
	49+00			X					1						
	50+18	X						1	1						
	50+50			X					1						
	51+00	X							1						
	51+37	X							1						
	51+83	X						1	1						
	51+99			X					1						
	52+37	X							1						
	TOTAL THIS SHEET							17.00	44.00						

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

gai consultants

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	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	84 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:45:48 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 6

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TEMPORARY EROSION CONTROL TABLE

LOCATION					TEMPORARY SLOPE DRAIN	TEMPORARY FILTER BERM	TEMPORARY SILT FENCE	TEMPORARY INLET PROTECTION, FILTER SOCK	TEMPORARY CURB INLET PROTECTION	TEMPORARY CHECK DAM, REVETMENT RIPAP	TEMPORARY CHECK DAM, TRAVERSABLE	EROSION CONTROL BLANKET	TEMPORARY SEEDING	RIPRAP REVETMENT	REMARKS
LINE	STATION	LEFT	MEDIAN	RIGHT	LFT	LFT	LFT	EACH	EACH	TON	LFT	SYS	LBS	TON	
PR-A	53+00	X							1						
	53+00			X					1						
	53+50	X							1						
	54+01	X						1	1						
	54+00			X					1						
	54+02			X				1							
	54+50	X							1						
	55+00	X						1	1						
	56+00			X					1						
	56+01			X				1							
	56+03	X							1						
	56+04	X						1							
	57+00			X					1						
	57+01	X							1						
	58+50	X						1	1						
	59+00			X					1						
	59+26	X							1						
	60+00	X						1	1						
	61+00	X							1						
	61+00			X					1						
	61+47	X						1							
	61+50	X						1							
	63+41	X						1							
	63+55	X						1	1						
	63+56			X					1						
	64+18	X							1						
	65+17	X							1						
	65+45	X						1	1						
	65+46			X					1						
	65+60	X							1						
	65+75	X							1						
	66+00			X					1						
	67+64			X				1							
	67+75	X						1							
	69+03	X							1						
	70+00			X					1						
	70+02	X						1	1						
	70+55	X							1						
	70+61	X							1						
	71+16	X							1						
	71+37	X						1							
	71+50			X					1						
	73+00			X					1						
	73+60			X					1						
	73+63	X							1						
	74+00			X					1						
	75+00	X							1						
	75+00			X					1						
	76+00	X							1						
	76+00			X					1						
	TOTAL THIS SHEET							16.00	41.00						

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

gai consultants

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	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	85 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:46:05 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 7

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TEMPORARY EROSION CONTROL TABLE

LOCATION					TEMPORARY SLOPE DRAIN	TEMPORARY FILTER BERM	TEMPORARY SILT FENCE	TEMPORARY INLET PROTECTION, FILTER SOCK	TEMPORARY CURB INLET PROTECTION	TEMPORARY CHECK DAM, REVETMENT RIPAP	TEMPORARY CHECK DAM, TRAVERSABLE	EROSION CONTROL BLANKET	TEMPORARY SEEDING	RIPRAP REVETMENT	REMARKS
LINE	STATION	LEFT	MEDIAN	RIGHT	LFT	LFT	LFT	EACH	EACH	TON	LFT	SYS	LBS	TON	
PR-A	77+00	X							1						
	77+00			X					1						
	78+00	X						1							
	78+01	X							1						
	78+50			X					1						
	79+01	X						1							
S-2-A	07+20	X						1	1						
	08+93	X							1						
	09+17	X						1	1						
	09+17			X					1						
S-5-A	08+94			X				1	1						
	09+20	X							1						
	09+24	X							1						
	TOTAL THIS SHEET							5.00	11.00						

Plot:3/10/2023 1:46:21 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 8

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

gai consultants

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	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	86 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Erosion Control - Project 2.dgn

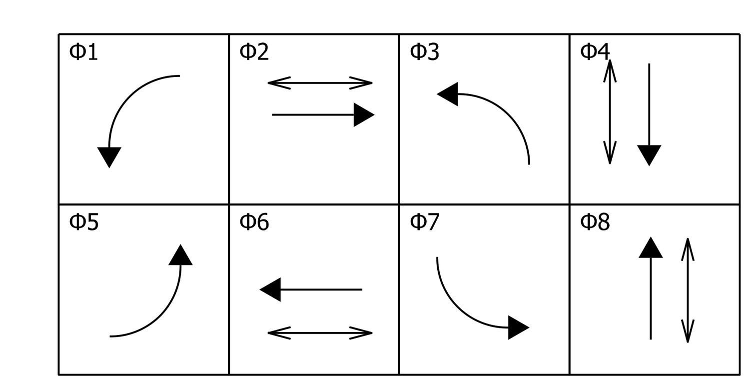
LEGEND

- 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, 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
- TR EX. SIGNAL HANDHOLE TYPE-1
- HH-I 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

PHASE DIAGRAM



NO PREFERENTIALITY
HILLEGAS ROAD FLASHES RED
STATE BLVD FLASHES RED

gai consultants

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 STATE ST.

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	87 of 178
CONTRACT	PROJECT
R-42163	1901705

Model:Sheet 1 Pen: Transportation.tbl By: huynhkt 1:46:50 PM Plot:3/10/2023

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - 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, 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

HH-I SIGNAL HANDHOLE TYPE-1

EXISTING SIGNAL DETECTOR HOUSING

SIGNAL DETECTOR HOUSING

DISCONNECT HANGER

OCTAGONAL LOOP, 4 TURN SERIES

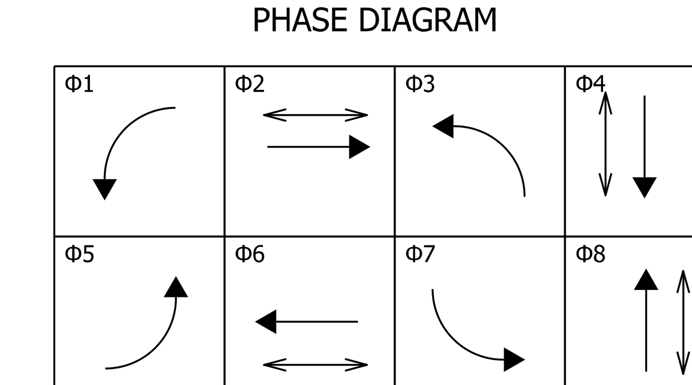
EX. CONDUIT, STEEL, GALVANIZED, 2 IN.

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	-	6				-NB2-6
	-	S	L	1	-	1, 2, 3, 4				-SL1-1, 2, 3, 4
	-	S	A	6	-	5				-SA6-5
	-	S	B	6	-	6				-SB6-6
	-	E	L	7	-	1, 2, 3, 4				-EL7-1, 2, 3, 4
	-	E	A	4	-	1, 2, 3, 4				-EA4-1, 2, 3, 4
	-	W	L	3	-	1, 2, 3, 4				-WL3-1, 2, 3, 4
	-	W	A	8	-	1, 2, 3, 4				-WA8-1, 2, 3, 4

PHASE DIAGRAM



NO PREFERENTIALITY
HILLEGAS ROAD FLASHES RED
BUTLER ROAD FLASHES RED

gai consultants

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	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	88 of 178
CONTRACT	PROJECT
R-42163	1901705

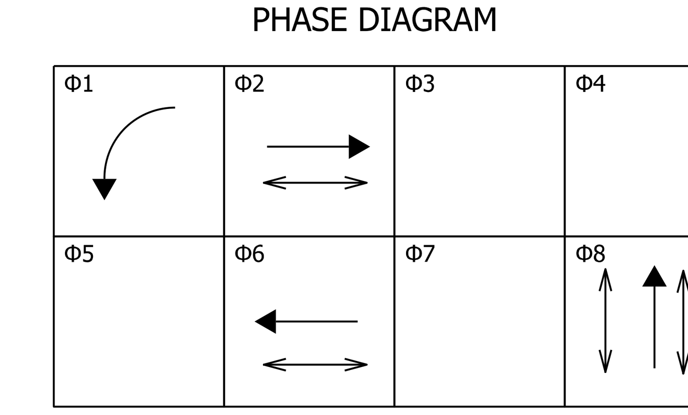
LEGEND

- 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, CA… UNDATION
- CONTROLLER AN… ON CONTROLLER CABINET FOUNDATION, P1
- EX. 30' STEEL ST… UNDATION
- 36' STEEL S… DATION
- 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
- HH-I — 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

PHASE DIAGRAM



NO PREFERENTIALITY
HILLEGAS ROAD FLASHES RED
INDEPENDENCE ROAD FLASHES RED

gai consultants

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	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	89 of 178
CONTRACT	PROJECT
R-42163	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" : [redacted], AMBER, GREEN, RT. AMBER ARROW, RT. GREEN A[redacted]W
- TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER, GREEN (WITH 45 DEGREE V[redacted]RS)
- TRAFFIC SIGNAL HEAD, 3 FACE, 12" : RED, AMBER ARROW, GREEN ARROW (WI[redacted]5 DEGREE VISORS)
- ④ 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
- TR EX. SIGNAL HANDHOLE TYPE-1
- HH-I 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

Φ1	Φ2	Φ3	Φ4
Φ5	Φ6	Φ7	Φ8

NO PREFERENTIALITY
HILLEGAS ROAD FLASHES RED
COLISEUM BLVD FLASHES RED

gai consultants

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	BRIDGE FILE
1" = 20'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	90 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:47:08 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 4

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Traffic Signals.dgn

Model:Sheet 1 | Pen: Transportation.tbl | By: huynhkt | 1:47:18 PM | Plot:3/10/2023

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 PLANS

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	91 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Lighting Project 2.dgn

LIGHT POLES

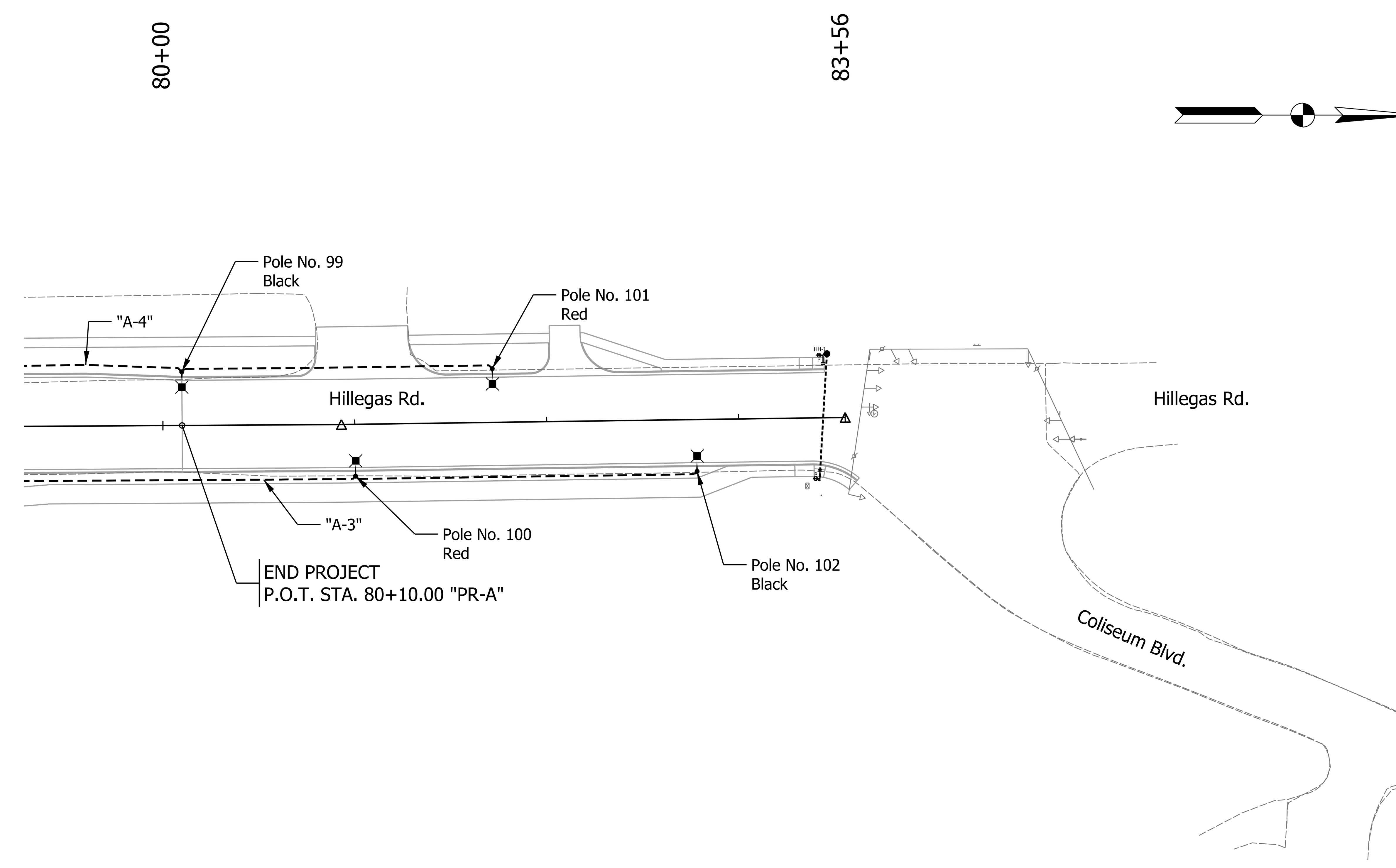
ID NUMBER	STATION	LINE	OFFSET	SIDE	Pole
52	40+78.00	PR-A	34.0	RT.	30'
53	41+67.00	PR-A	-34.0	LT.	30'
54	42+45.00	PR-A	34.0	RT.	30'
55	43+25.00	PR-A	-34.0	LT.	30'
56	44+26.00	PR-A	34.0	RT.	30'
57	45+83.00	PR-A	-34.0	LT.	30'
58	45+97.00	PR-A	34.0	RT.	30'
59	46+86.00	PR-A	-34.0	LT.	30'
60	47+75.00	PR-A	34.0	RT.	30'
61	49+39.00	PR-A	-34.0	LT.	30'
62	49+48.00	PR-A	34.0	RT.	30'
63	50+27.00	PR-A	-34.0	LT.	30'
64	51+14.00	PR-A	34.0	RT.	30'
65	52+03.00	PR-A	-34.0	LT.	30'
66	52+92.00	PR-A	34.0	RT.	30'
67	53+79.00	PR-A	-34.0	LT.	30'
68	54+47.58	PR-A	-44.0	LT.	35' Signal
69	54+51.26	PR-A	51.0	RT.	35' Signal
70	55+50.97	PR-A	49.6	RT.	35' Signal
71	55+56.74	PR-A	-44.0	LT.	35' Signal
72	56+23.00	PR-A	34.0	RT.	30'
73	57+12.00	PR-A	-34.0	LT.	30'
74	57+99.00	PR-A	34.0	RT.	30'
75	58+88.00	PR-A	-34.0	LT.	30'
76	59+74.00	PR-A	34.0	RT.	30'
77	60+61.00	PR-A	-34.0	LT.	30'
78	61+45.00	PR-A	34.0	RT.	30'
79	62+35.00	PR-A	-34.0	LT.	30'
80	63+23.00	PR-A	34.0	RT.	30'
81	64+19.00	PR-A	-37.0	LT.	30'
82	65+08.00	PR-A	27.1	RT.	30'
83	65+97.00	PR-A	-41.0	LT.	30'
84	66+86.00	PR-A	27.0	RT.	30'
85	67+80.00	PR-A	-41.0	LT.	30'
86	68+64.00	PR-A	27.0	RT.	30'
87	69+76.00	PR-A	-41.0	LT.	30'
88	70+42.00	PR-A	27.0	RT.	**35'**
89	71+47.00	PR-A	-41.0	LT.	**35'**
90	72+18.00	PR-A	27.0	RT.	30'
91	72+99.00	PR-A	-41.0	LT.	30'
92	73+88.00	PR-A	27.0	RT.	30'
93	74+77.00	PR-A	-38.4	LT.	30'
94	75+66.00	PR-A	27.0	RT.	30'
95	76+55.00	PR-A	-30.0	LT.	30'
96	77+44.00	PR-A	27.0	RT.	30'
97	78+33.00	PR-A	-30.0	LT.	30'
98	79+22.00	PR-A	27.0	RT.	30'
99	80+10.00	PR-A	-28.0	LT.	30'
100	81+00.00	PR-A	27.0	RT.	30'
101	81+72.00	PR-A	-28.0	LT.	30'
102	82+78.00	PR-A	27.0	RT.	30'

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	1.77	1.77	30 AMP	0.113%	0.129%
			A-2	2.21	2.21	30 AMP	0.139%	0.158%
			A-3	3.98	3.98	30 AMP	0.290%	0.297%
			A-4	3.98	3.54	30 AMP	0.289%	0.287%

HANDHOLES

TYPE	ID NUMBER	STATION	LINE	OFFSET	SIDE
A	10	41+70.00	PR-A	35.5	RT.
A	11	43+30.00	PR-A	-35.5	LT.
C	12	54+20.00	PR-A	58.0	RT.
B	13	54+20.00	PR-A	-35.5	LT.
A	14	54+55.00	PR-A	-48.0	LT.
A	15	54+58.00	PR-A	58.0	RT.
A	16	70+30.00	PR-A	-42.5	LT.
A	17	71+40.00	PR-A	28.5	RT.



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 PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	92 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:47:22 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION FROM	LOCATION TO	DESCRIPTION (APPROACH TYPE OR CLASS)	BEGIN WIDTH	END WIDTH	LENGTH	RADII	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE: COMPACTED AGGREGATE BASE	SURFACE BEYOND R/W LINE: HMA	SURFACE BEYOND R/W LINE: CONCRETE	GRADE 1	GRADE 2	EXCAVATION CUT	EXCAVATION FILL	CLEAR ZONE AT DRIVE	WIDENING WITH HMA, TYPE C: HMA INTERMEDIATE, TYPE C (LBS. PER SYD. 330)	WIDENING WITH HMA, TYPE C: HMA BASE, TYPE C (LBS. PER SYD. 605)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 165)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 330)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 605)	HMA MATERIALS: QC/QA-HMA 3, 70, SURFACE 9.5 mm (LBS. PER SYD. 165)	HMA MATERIALS: QC/QA-HMA 3, 70, INTERMEDIATE 19.0 mm (LBS. PER SYD. 330)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (LBS. PER SYD. 605)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (under curb) (LBS. PER SYD. 275)	HMA FOR SIDEWALKS: TYPE B (LBS. PER SYD. 110)	HMA FOR SIDEWALKS: TYPE B (LBS. PER SYD. 220)	PCCP FOR APPRAOCHES, 6 IN	PCCP FOR APPRAOCHES, 9 IN	COMPACTED AGGREGATE NO. 53 DEPTH 6"	COMPACTED AGGREGATE NO. 53 DEPTH 10"	DENSE GRADED SUBBASE	GEOGRID, TYPE 1B	GEOTEXTILE FOR PAVEMENT, TYPE 1A	MILLING, ASPHALT, 1 1/2 IN.	SUBGRADE TREATMENT, TYPE 1C	SUBGRADE TREATMENT, TYPE II	SIDEWALK, CONCRETE	CURB, CONCRETE, MODIFIED (TYPE III)	CURB AND GUTTER, CONCRETE, MODIFIED (TYPE II-B)	CURB AND GUTTER, TURNOUT CONCRETE	CENTER CURB, D CONCRETE	CURB RAMP, CONCRETE	DETECTABLE WARNING SURFACES	HMA TACK COAT	REMARKS
FROM	TO		FT	FT	FT	FT	FT	FT	SYS	SYS	SYS	%	%	CYS	CYS	FT	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	LFT	LFT	LFT	LFT	SYS	SYS	SYS	
Line "PR-A"																																														
40+50.00	42+53.00	R	46.4	35.3	203.0																	922													922										1843	
40+50.00	42+53.00	K LT	8.1	13.3	203.0																	242	242	242										242		242									483	
40+50.00	45+54.00	K RT	6.5	16.3	504.0																	639	639	639										639		639									1277	
40+50.00	43+28.00	15 LT	4	4	278.0																				695									124		124				278.0						
40+50.00	41+70.00	15 RT	4	4	120.0																				300									54		54				120.0						
40+50.00	40+88.22	F	5	5	38.2																																	22								
40+50.00	40+98.41	F1	10	10	48.4																					55	56			58															54	
40+93.90	LT	C1	11.1	11.1	25.0	10	20																					43				43					43									
41+01.38	43+33.64	F	5	5	232.3																																	130								
41+10.60	RT	C2	23.9	23.9	27.0	20	10																						84			84	84				84									
41+23.09	41+79.19	F1	10	10	56.1																					63	64			68															63	
41+79.19	41+94.17	CR/DWS RT	8.1	15	10.0																																						13	3		DWS Area measured in CAD
42+22.35	42+37.37	CR/DWS RT	8.1	15	10.0																																						13	3		DWS Area measured in CAD
42+37.37	44+02.95	F1	10	10	165.6																					186	189			198															184	
42+45.00	54+30.00	15 RT	4	4	1185.0																				2963									527		527				1185.0						
42+53.00	43+54.00	R	35.6	29.2	101.0																	364													364										728	
42+53.00	58+48.00	K LT	13.3	12.5	1595.0																	2287	2287	2287										2287		2287									4573	
43+33.64	43+48.64	CR/DWS LT	10.6	15	5.0																																						8	2		DWS Area measured in CAD
43+84.86	44+00.00	CR/DWS LT	10.6	15	5.0																																						8	2		DWS Area measured in CAD
43+54.00	49+94.00	R	29.2	29.2	640.0																	2077													2077										4153	
44+00.00	49+76.24	F	5	5	576.2																																	321								
44+00.00	48+50.00	13			909.0																																		909.0							
44+04.00	70+24.00	15 LT	4	4	2620.0																				6550									1165		1165				2620.0						
44+10.70	RT	C1	12.7	12.7	28.0	20	10																					52				52					52									
44+17.02	44+78.10	F1	10	10	61.1																					69	70			73															68	
44+84.40	RT	C1	12.1	12.1	34.0	20	10																					58				58					58									
44+89.84	54+38.00	F1	10	10	948.2																					1063	1080			1133															1054	
45+54.00	49+94.00	K RT	16.3	16.3	440.0																	797	797	797										797		797									1594	
49+86.40	LT	C1	20.1	20.1	22.0	10	20																					62				62					62									
49+94.00	51+99.00	R	29.2	39.2	205.0																	779													779										1558	
49+94.00	51+99.00	K RT	16.3	6.3	205.0																	258	258	258										258		258									515	
49+98.34	52+58.25	F	5	5	259.9																																	145								
51+99.00	58+45.00	R	39.2	42.1	646.0																	2918													2918										5836	
51+99.00	58+06.00	K RT	6.3	5	607.0																	382	382	382										382		382									763	
52+65.00	LT	C1	12	12	29.0	10	20																					51				51					51									
52+73.02	54+37.99	F	5	5	165.0																																	92								
54+38.00	54+44.00	CR/DWS LT	11	11	6.0																																						8	2		DWS Area measured in CAD
54+38.00	54+44.00	CR/DWS RT	15.5	14	6.0																																						10	2		DWS Area measured in CAD
54+44.00	55+61.66	F	5	5	117.7																																	66								
54+44.00	54+63.33	CR/DWS RT	8.5	19.3	10.0																																						16	4		DWS Area measured in CAD
55+42.31	55+61.66	CR/DWS RT	8.5	19.3	10.0																																						16	4		DWS Area measured in CAD
55+61.66	55+67.66	CR/DWS RT	14	15.5	6.0																																						10	2		DWS Area measured in CAD
55+61.61	55+67.61	CR/DWS LT	11	11	6.0																																						8	2		DWS Area measured in CAD
This Sheet Total														0	0		0	0	0	0	0	11665	4605	4605	10508	1436	1459	266	84	1530	0	350	84	6475	7060	6475	350	776	909	4203	0	0	110	26	24746	

gai consultants

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

CITY OF FORT WAYNE
INDIANA

ROADWAY SUMMARY TABLES

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	93 of 178
CONTRACT	PROJECT
R-42163	1901705

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION FROM	LOCATION TO	DESCRIPTION (APPROACH TYPE OR CLASS)	BEGIN WIDTH	END WIDTH	LENGTH	RADII	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE: COMPACTED AGGREGATE BASE	SURFACE BEYOND R/W LINE: HMA	SURFACE BEYOND R/W LINE: CONCRETE	GRADE 1	GRADE 2	EXCAVATION CUT	EXCAVATION FILL	CLEAR ZONE AT DRIVE	WIDENING WITH HMA, TYPE C: HMA INTERMEDIATE, TYPE C (LBS. PER SYD. 330)	WIDENING WITH HMA, TYPE C: HMA BASE, TYPE C (LBS. PER SYD. 605)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 165)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 330)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 605)	HMA MATERIALS: QC/QA-HMA 3, 70, SURFACE 9.5 mm (LBS. PER SYD. 165)	HMA MATERIALS: QC/QA-HMA 3, 70, INTERMEDIATE 19.0 mm (LBS. PER SYD. 330)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (LBS. PER SYD. 605)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (under curb) (LBS. PER SYD. 275)	HMA FOR SIDEWALKS: TYPE B (LBS. PER SYD. 110)	HMA FOR SIDEWALKS: TYPE B (LBS. PER SYD. 220)	PCCP FOR APPRAOCHES, 6 IN	PCCP FOR APPRAOCHES, 9 IN	COMPACTED AGGREGATE NO. 53 (DEPTH 6")	COMPACTED AGGREGATE NO. 53 (DEPTH 10")	DENSE GRADED SUBBASE	GEOGRID, TYPE 1B	GEOTEXTILE FOR PAVEMENT, TYPE 1A	MILLING, ASPHALT, 1 1/2 IN.	SUBGRADE TREATMENT, TYPE 1C	SUBGRADE TREATMENT, TYPE II	SIDEWALK, CONCRETE	CURB, CONCRETE, MODIFIED (TYPE III)	CURB AND GUTTER, CONCRETE, MODIFIED (TYPE II-B)	CURB AND GUTTER, TURNOUT CONCRETE	CENTER CURB, D CONCRETE	CURB RAMP, CONCRETE	DETECTABLE WARNING SURFACES	HMA TACK COAT	REMARKS
FROM	TO		FT	FT	FT	FT	FT	FT	SYS	SYS	SYS	%	%	CYS	CYS	FT	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	LFT	LFT	LFT	LFT	SYS	SYS	SYS	
Line "PR-A"																																														
55+67.61	57+75.19	F	5	5	207.6																																	116								
55+67.66	70+55.02	F1	10	10	1487.4																					1667	1694			1777															1653	
55+75.00	70+38.00	15 RT	4	4	1463.0																				3658									651		651				1463.0						
57+85.80	LT	C2	20.7	20.7	22.0	10	20																						63			63	63				63									
57+98.05	62+86.77	F	5	5	488.7																																	272								
58+06.00	58+41.00	W RT	5	5	35.0												20	20				20												20		20									20	
58+41.00	59+81.00	K RT	5	15.2	140.0																	158	158	158										158		158									315	
58+45.00	59+81.00	R	42.1	29.8	136.0																	544													544										1087	
58+48.00	64+06.00	K LT	12.5	19.9	558.0																	1005	1005	1005										1005		1005									2009	
59+55.00	66+55.00	13			1409.0																																		1409.0							
59+81.00	64+06.00	R	29.8	26.5	425.0																	1330													1330										2659	
59+81.00	63+50.00	K RT	15.2	15.4	369.0																	628	628	628										628		628									1255	
62+92.30	LT	C1	13.1	13.1	27.0	10	20																					52				52					52									
63+01.80	70+55.81	F	5	5	754.0																																	419								
63+50.00	69+51.00	K RT	15.4	5	601.0																	682	682	682										682		682									1363	
64+06.00	66+78.00	R	26.5	38.3	272.0																	980													980										1959	
64+06.00	66+81.00	K LT	19.9	13.8	275.0																	515	515	515										515		515									1030	
66+78.00	77+27.00	R	38.3	38.3	1049.0																	4465													4465										8929	
66+81.00	74+51.00	K LT	13.8	15.3	770.0																	1245	1245	1245										1245		1245									2490	
69+51.00	77+26.00	W RT	5	4.1	775.0												392	392				392												392		392									392	
70+50.92	70+59.06	CR/DWS LT	6.1	6.1	6.0																																						5	2		DWS Area measured in CAD
71+11.14	71+20.50	CR/DWS LT	6.2	9.4	5.0																																						5	2		DWS Area measured in CAD
70+55.12	70+70.16	CR/DWS RT	4.2	15	10.0																																						11	4		DWS Area measured in CAD
71+15.47	71+20.49	F	15	15	5.0																																	9								
71+16.46	71+31.46	CR/DWS RT	4.2	15	10.0																																						11	4		DWS Area measured in CAD
71+20.49	71+40.50	F	5	5	20.0																																	12								
71+31.46	82+79.72	F1	10	10	1148.3																					1287	1308			1372															1276	
71+46.00	83+45.00	15 LT	4	4	1199.0																				2998									533		533				1199.0						
71+48.00	83+62.50	15 RT	4	4	1214.5																				3037									540		540				1214.5						
73+00.22	LT	19			6.0																																				6.0					
74+00.19	LT	19			6.0																																				6.0					
74+51.00	75+60.00	K LT	15.3	5	109.0																	123	123	123										123		123									246	
74+76.34	80+79.42	F	5	5	603.1																																	336								
75+10.00	79+15.00	13			818.0																																		818.0							
75+60.00	79+60.00	W LT	5	4.3	400.0												207	207				207												207		207									207	
77+27.00	80+10.00	R	42.5	46	283.0																	1392													1392										2783	
78+49.63	RT	19			6.0																																				6.0					
		This Sheet Total												0	0		619	619	0	0	0	13686	4356	4356	9693	2954	3002	52	63	3149	0	115	63	6699	8711	6699	115	1164	2227	3876.5	18	0	32	12	29673	

gai consultants

RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER ____ DATE

DESIGNED: ARW
DRAWN: KTH/MWM
CHECKED: MJS
CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

ROADWAY SUMMARY TABLES

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	94 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:47:50 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 2

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Approach Tables - Project 2.dgn

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION FROM	LOCATION TO	DESCRIPTION (APPROACH TYPE OR CLASS)	BEGIN WIDTH	END WIDTH	LENGTH	RADII	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE: COMPACTED AGGREGATE BASE	SURFACE BEYOND R/W LINE: HMA	SURFACE BEYOND R/W LINE: CONCRETE	GRADE 1	GRADE 2	EXCAVATION CUT	EXCAVATION FILL	CLEAR ZONE AT DRIVE	WIDENING WITH HMA, TYPE C: HMA INTERMEDIATE, TYPE C (LBS. PER SYD. 330)	WIDENING WITH HMA, TYPE C: HMA BASE, TYPE C (LBS. PER SYD. 605)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 165)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 330)	HMA FOR APPROACHES: TYPE B (LBS. PER SYD. 605)	HMA MATERIALS: QC/QA-HMA 3, 70, SURFACE 9.5 mm (LBS. PER SYD. 165)	HMA MATERIALS: QC/QA-HMA 3, 70, INTERMEDIATE 19.0 mm (LBS. PER SYD. 330)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (LBS. PER SYD. 605)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (under curb) (LBS. PER SYD. 275)	HMA FOR SIDEWALKS: TYPE B (LBS. PER SYD. 110)	HMA FOR SIDEWALKS: TYPE B (LBS. PER SYD. 220)	PCCP FOR APPROACHES, 6 IN	PCCP FOR APPROACHES, 9 IN	COMPACTED AGGREGATE NO. 53 DEPTH 6"	COMPACTED AGGREGATE NO. 53 DEPTH 10"	DENSE GRADED SUBBASE	GEOGRID, TYPE 1B	GEOTEXTILE FOR PAVEMENT, TYPE 1A	MILLING, ASPHALT, 1 1/2 IN.	SUBGRADE TREATMENT, TYPE 1C	SUBGRADE TREATMENT, TYPE II	SIDEWALK, CONCRETE	CURB, CONCRETE, MODIFIED (TYPE III)	CURB AND GUTTER, CONCRETE, MODIFIED (TYPE II-B)	CURB AND GUTTER, TURNOUT CONCRETE	CENTER CURB, D CONCRETE	CURB RAMP, CONCRETE	DETECTABLE WARNING SURFACES	HMA TACK COAT	REMARKS
FROM	TO		FT	FT	FT	FT	FT	FT	SYS	SYS	SYS	%	%	CYS	CYS	FT	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	LFT	LFT	LFT	LFT	SYS	SYS	SYS	
Line "PR-A"																																														
79+00.42	LT	19			6.0																																				6.0					
79+50.16	LT	19			6.0																																				6.0					
79+60.00	80+10.00	W LT	4.3	1.4	50.0												16	16				16												16		16									16	
80+00.10	RT	19			6.0																																				6.0					
80+00.15	LT	19			6.0																																				6.0					
80+69.92	LT	19			6.0																																				6.0					
81+04.30	LT	C2	48	48	26.0	10	20																						151			151	151				151									
81+28.80	82+01.50	F	5	5	72.7																																	41								
81+49.66	RT	19			6.0																																				6.0					
81+50.36	LT	19			6.0																																				6.0					
81+99.80	LT	C1	16	16	25.0	10	20																					57				57					57				6.0					
82+18.00	82+62.18	F	5	5	44.2																																	25								
82+62.18	83+39.00	F	6	6	76.8																																	52								
82+79.72	83+06.39	F1	10	6	26.7																					24	25			26															24	
83+06.39	83+39.00	F1	6	6	32.6																					23	23			25															22	
83+39.00	83+45.00	CR/DWS LT	6	6	6.0																																						4	2		DWS Area measured in CAD
83+39.00	83+45.00	CR/DWS RT	4.8	6	6.0																																						4	2		DWS Area measured in CAD
83+45.00	83+61.12	F1	6	6	16.1																					11	12			13															11	
This Sheet Total														0	0		16	16	0	0	0	16	0	0	0	58	60	57	151	64	0	208	151	16	0	16	208	118	0	0	42	0	8	4	73	

gai consultants

RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER ____ DATE

DESIGNED: ARW DRAWN: KTH/MWM

CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

ROADWAY SUMMARY TABLES

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	95 of 178
CONTRACT	PROJECT
R-42163	1901705

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

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Approach Tables - Project 2.dgn

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION FROM	LOCATION TO	DESCRIPTION (APPROACH TYPE OR CLASS)	BEGIN WIDTH	END WIDTH	LENGTH	RADII	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE: COMPACTED AGGREGATE BASE	SURFACE BEYOND R/W LINE: HMA	SURFACE BEYOND R/W LINE: CONCRETE	GRADE 1	GRADE 2	EXCAVATION CUT	EXCAVATION FILL	CLEAR ZONE AT DRIVE	WIDENING WITH HMA, TYPE C: HMA INTERMEDIATE, TYPE C (330 LBS. PER SYD.)	WIDENING WITH HMA, TYPE C: HMA BASE, TYPE C (605 LBS. PER SYD.)	HMA FOR APPROACHES: TYPE B (165 LBS. PER SYD.)	HMA FOR APPROACHES: TYPE B (330 LBS. PER SYD.)	HMA FOR APPROACHES: TYPE B (605 LBS. PER SYD.)	HMA MATERIALS: QC/QA-HMA 3, 70, SURFACE 9.5 mm (165 LBS. PER SYD.)	HMA MATERIALS: QC/QA-HMA 3, 70, INTERMEDIATE 19.0 mm (330 LBS. PER SYD.)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (605 LBS. PER SYD.)	HMA MATERIALS: QC/QA-HMA 3, 64, BASE 19.0 mm (under curb) (275 LBS. PER SYD.)	HMA FOR SIDEWALKS: TYPE B (110 LBS. PER SYD.)	HMA FOR SIDEWALKS: TYPE B (220 LBS. PER SYD.)	PCCP FOR APPROACHES, 6 IN	PCCP FOR APPROACHES, 9 IN	COMPACTED AGGREGATE NO. 53 DEPTH 6"	COMPACTED AGGREGATE NO. 53 DEPTH 10"	DENSE GRADED SUBBASE	GEOGRID, TYPE 1B	GEOTEXTILE FOR PAVEMENT, TYPE 1A	MILLING, ASPHALT, 1 1/2 IN.	SUBGRADE TREATMENT, TYPE 1C	SUBGRADE TREATMENT, TYPE II	SIDEWALK, CONCRETE	CURB, CONCRETE, MODIFIED (TYPE III)	CURB AND GUTTER, CONCRETE, MODIFIED (TYPE II-B)	CURB AND GUTTER, TURNOUT CONCRETE	CENTER CURB, D CONCRETE	CURB RAMP, CONCRETE	DETECTABLE WARNING SURFACES	HMA TACK COAT	REMARKS
			FT	FT	FT	FT	FT	FT	SYS	SYS	SYS	%	%	CYS	CYS	FT	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	LFT	LFT	LFT	LFT	SYS	SYS	SYS	
Line "S-7-A"																																														
10+29.51	10+56.48	D	22	22	27.0	27	27												100	100	100													100		100									199	
10+29.51	10+56.48	15 LT	4	4	84.3																				211									38		38				84.3						
10+29.51	10+56.48	15 RT	4	4	84.3																				211									38		38				84.3						
10+56.48	11+16.07	D	26	12.7	59.6														130	134	140													155		155									257	
10+56.48	11+16.07	J2 LT	2	5.33	59.6																										25															
10+56.48	11+16.07	J2 RT	2	5.33	59.6																										25															
Line "S-8-A"																																														
08+94.00	09+42.72	D	22.1	28	48.7														137	141	146													158		158									272	
08+94.00	09+42.72	J2 LT	2	5.33	48.7																										20															
08+94.00	09+42.72	J2 RT	2	5.33	48.7																										20															
09+42.72	09+70.28	D	24	24	27.6	27	27												108	108	108													108		108									215	
09+42.72	09+70.28	15 LT	4	4	85.0																				213									38		38				85.0						
09+42.72	09+70.28	15 RT	4	4	85.0																				213									38		38				85.0						
Line "S-9-A"																																														
10+29.50	10+74.00	D	59.5	59.5	44.5	42	42												377	377	377													377		377									753	
10+29.50	10+74.00	15 LT	4	4	136.3																				341									61		61				136.3						
10+29.50	10+74.00	15 RT	4	4	136.3																				341									61		61				136.3						
10+45.67	10+73.96	13			61.0																																		61.0							Measured in CAD
10+74.00	11+38.00	D	59.5	59.5	64.0														424	424	424													424		424									847	
10+74.00	11+38.00	15 LT	4	4	64.0																				160									29		29				64.0						
10+74.00	11+38.00	15 LT	4	4	64.0																				160									29		29				64.0						
Line "S-10-A"																																														
09+04.00	09+21.52	D	40	40	17.5														78	78	78													78		78									156	
09+04.00	09+21.52	15 LT	4	4	17.5																				44									8		8				17.5						
09+04.00	09+21.52	15 RT	4	4	17.5																				44									8		8				17.5						
09+21.52	09+63.46	D	40	40	41.9	42	42												269	269	269													269		269									538	
09+21.52	09+63.46	15 LT	4	4	131.4																				329									59		59				131.4						
09+21.52	09+63.46	15 LT	4	4	131.4																				329									59		59				131.4						
Line "S-11-A"																																														
10+22.96	10+64.39	D	25.8	25.8	41.4	42	42												202	202	202													202		202									403	
10+22.96	10+64.39	15 LT	4	4	41.4																				104									19		19				41.4						
10+22.96	10+64.39	15 RT	4	4	41.4																				104									19		19				41.4						
10+64.39	10+93.89	D	25.8	25.8	29.5														85	85	85													85		85									170	
10+64.39	10+93.89	15 LT	4	4	29.5																				74									14		14				29.5						
10+64.39	10+93.89	15 RT	4	4	29.5																				74									14		14				29.5						
Sheet 1 Total														0	0		0	0	0	0	0	11665	4605	4605	10508	1436	1459	266	84	1530	0	350	84	6475	7060	6475	350	776	909	4203	0	0	110	26	24746	
Sheet 2 Total														0	0		619	619	0	0	0	13686	4356	4356	9693	2954	3002	52	63	3149	0	115	63	6699	8711	6699	115	1164	2227	3876.5	18	0	32	12	29673	
Sheet 3 Total														0	0		16	16	0	0	0	16	0	0	0	58	60	57	151	64	0	208	151	16	0	16	208	118	0	0	42	0	8	4	73	
This Sheet Total														0	0		0	0	1910	1918	1929	0	0	0	2952	0	0	0	0	0	90	0	0	2488	0	2488	0	0	61	1178.9	0	0	0	0	3810	
Overall Total														0	0		635	635	1910	1918	1929	25367	8961	8961	23153	4448	4521	375	298	4743	90	673	298	15678	15771	15678	673	2058	3197	9258.4	60	0	150	42	58302	

gai consultants

RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER ____ DATE

DESIGNED: ARW DRAWN: KTH/MWM

CHECKED: MJS CHECKED: MJS/ARW

CITY OF FORT WAYNE
INDIANA

ROADWAY SUMMARY TABLES

SCALE	BRIDGE FILE
N/A	
	DESIGNATION
	1901705
SURVEY BOOK	SHEETS
	96 of 178
CONTRACT	PROJECT
R-42163	1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LEFT	RIGHT	CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH (ft)	COVER (ft)	FLOW LINE: UP STREAM (ELEV.)	FLOW LINE: DOWN STREAM (ELEV.)	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: TYPE	GRATED BOX END SECTION: SLOPE	GRATED BOX END SECTION: EA.	SAFETY METAL END SECTION: SLOPE	SAFETY METAL END SECTION: EA.	TEMP. EROSION CONTROL: CURB INLET PROECT (EA.)	CONNECT TO STR. NO.	REMARKS
	LINE " PR-A" Phase 1																													
10	9+69.06	X			12	2	C-11-3(4) on STR-32-2	51.0	2.2	812.06	811.89	75	NA	7	1	2	10.9					27							12	
11	10+27.47	X			12	2	C-4-1 on STR-30-1	193.0	1.1	813.91	813.34	75	NA	7	1	2	16.7												12	
12	10+22.50	X			12	2	C-4-1 on STR-30-1	10.0	4.3	811.79	811.76	75	NA	7	1	2	4.9					7							14	
13	10+36.04	X			12	2	C-11-3(4) on STR-32-2	22.0	3.3	811.82	811.76	75	NA	7	1	2	7.7					13							14	
14	10+35.50	X			18	2	C-11-3(4) on STR-32-2	49.0	1.9	811.26	811.07	75	NA	7	1	2	12.4					26							15	
15	10+37.31	X			24	2	C-4-1 on STR-30-2	73.0	3.2	810.57	810.38	75	NA	7	1	2	41.9					66							16	
16	10+36.61		X		24	2	C-11-3(4) on STR-30-2	109.0	2.3	810.28	810.00	75	NA	7	1	2	45.8												Outfall	
17	10+45.52	X			12	2	C-8-1 on STR-32-3	16.0	6.4	814.06	814.01	75	NA	7	1	2	12.4					10							11	
18	10+77.77	X			12	2	C-8-1 on STR-32-3	18.0	3.4	811.85	811.80	75	NA	7	1	2	6.6												19	
19	10+77.39	X			18	2	C-11-3(4) on STR-32-2	4.0	3.0	811.30	811.28	75	NA	7	1	2	1.6					4							20	
20	10+77.29	X			18	2	C-4-1 on STR-30-2	35.0	3.1	811.18	811.07	75	NA	7	1	2	14.9												15	
21	10+82.60		X		12	2	C-11-3(4) on STR-32-2	51.0	3.8	811.84	811.68	75	NA	7	1	2	21.5					27							20	
22	14+79.62	X			12	2	C-11-3(4) on STR-32-2	75.0	2.3	814.47	814.20	75	NA	7	1	2	16.9					39							24	
23	15+37.34		X		12	2	C-11-3(4) on STR-32-2	54.0	#N/A	814.35	814.15	75	NA	7	1	2	#N/A					28							25	
24	15+56.18	X			12	2	C-11-3(4) on STR-32-2	42.0	2.0	814.50	813.85	75	NA	7	1	2	8.1					23							26	
#REF!	#REF!	##	##		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	NA	#REF!	1	2	#REF!		#REF!	#REF!	#REF!	#REF!							#REF!	
26	16+00.00	X			24	2	C-11-3(4) on STR-32-2	140.0	0.6	814.50	813.00	75	NA	7	1	2	15.9					71							30	
27	16+50.00		X		12	2	C-11-3(4) on STR-32-2	90.0	2.6	813.48	813.16	75	NA	7	1	2	24.5					46							31	
28	17+00.02	X			12	2	C-8-1 on STR-32-3	43.0	1.5	813.81	813.65	75	NA	7	1	2	5.8												29	
29	17+42.36	X			12	2	C-11-3(4) on STR-32-2	4.0	4.2	810.46	810.43	75	NA	7	1	2	1.9					4							30	
30	17+42.33	X			24	2	C-4-1 on STR-30-2	153.0	4.7	807.99	807.55	75	NA	7	1	2	132.8												33	
31	17+41.82		X		12	2	C-11-3(4) on STR-32-2	51.0	2.4	813.06	812.87	75	NA	7	1	2	12.3					27							30	
32	18+24.18	X			12	2	C-11-3(4) on STR-32-2	80.0	3.2	810.84	810.56	75	NA	7	1	2	27.3					41							29	
33	19+00.34	X			24	2	C-4-1 on STR-30-2	46.0	3.5	807.45	807.31	75	NA	7	1	2	29.1												36	
34	19+00.00		X		12	2	C-11-3(4) on STR-32-2	51.0	3.4	809.57	809.38	75	NA	7	1	2	18.6					27							33	
35	19+50.89	X			12	2	C-11-3(4) on STR-32-2	4.0	2.9	808.41	808.38	75	NA	7	1	2	1.2					4							36	
36	19+50.47	X			30	2	C-4-1 on STR-30-2	59.0	3.1	806.81	806.63	75	NA	7	1	2	43.3												40	
37	19+82.43	X			12	2	C-11-3(4) on STR-32-2	30.0	2.6	808.62	808.51	75	NA	7	1	2	8.0					17							35	
38	19+82.19		X		12	2	C-11-3(4) on STR-32-2	30.0	3.0	808.84	808.73	75	NA	7	1	2	9.6					17							41	
39	20+14.03	X			12	2	C-11-3(4) on STR-32-2	4.0	2.7	808.38	808.36	75	NA	7	1	2	1.1					4							40	
40	20+14.03	X			36	2	C-4-1 on STR-30-2	51.0	4.8	804.41	804.33	75	NA	7	1	2	70.6					47							41	
41	20+13.94		X		36	2	C-11-3(4) on STR-30-3	67.0	3.4	804.23	804.11	75	NA	7	1	2	67.5												Outfall	
42	20+50.25	X			12	2	C-11-3(4) on STR-32-2	35.0	2.5	808.61	808.48	75	NA	7	1	2	9.0					19							39	
43	20+49.96		X		12	2	C-11-3(4) on STR-32-2	35.0	3.2	808.62	808.50	75	NA	7	1	2	12.1					19							41	
44	20+83.53		X		12	2	C-11-3(4) on STR-32-2	32.0	3.1	808.84	808.72	75	NA	7	1	2	10.5					18							43	

Plot:3/10/2023 1:48:52 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 1

gai consultants

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
	97 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Structure Data Tables.dgn

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LOCATION: LEFT	LOCATION: RIGHT	LOCATION: CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	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: TYPE	GRATED BOX END SECTION: SLOPE	GRATED BOX END SECTION: EA.	SAFETY METAL END SECTION: SLOPE	SAFETY METAL END SECTION: EA.	TEMP. EROSION CONTROL: CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	ELEV.	ELEV.	YR.					CU. YD.	CU. YD.	TONS	SYS.	CU. YD.	TONS	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					23							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					11							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					13							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					30							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					5							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					27							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					16							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					34							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					18							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					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					27							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					25							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! #REF!	#REF! #REF!	42							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					44							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					27							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					74							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					37							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					44							82	

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LEFT	RIGHT	CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	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		TEMP. EROSION CONTROL: CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	ELEV.	ELEV.	YR.					CU. YD.	CU. YD.	TONS	SYS.	CU. YD.	TONS	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					4							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					33							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					37							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					19							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					40							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					61							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					16							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					8							94	
																			#REF!	#REF!	#REF!									
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		#REF!	#REF!	#REF!	49							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					16							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					44							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					17							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					26							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					38							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					4							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					28							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					41							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					4							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					27							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					39							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					51							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					15							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					51							115	

gai consultants

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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:49:35 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LOCATION: LEFT	LOCATION: RIGHT	LOCATION: CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	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: TYPE	GRATED BOX END SECTION: SLOPE	GRATED BOX END SECTION: EA.	SAFETY METAL END SECTION: SLOPE	SAFETY METAL END SECTION: EA.	TEMP. EROSION CONTROL: CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	ELEV.	ELEV.	YR.					CU. YD.	CU. YD.	TONS	SYS.	CU. YD.	TONS	TYPE	SLOPE	EA.	SLOPE	EA.	EA.		
	LINE " PR-A" Phase 1																													
114	44+56.45		X		12	2	C-11-3(4) on STR-32-2	92.0	2.6	809.91	809.58	75	NA	7	1	2	25.1					47							118	
115	45+50.86	X			18	2	C-11-3(4) on STR-32-2	4.0	3.1	807.70	807.68	75	NA	7	1	2	1.7					4							116	
116	45+50.41	X			24	2	C-4-1 on STR-30-2	37.0	3.3	807.18	807.06	75	NA	7	1	2	22.3					35							117	
117	45+49.82		X		24	2	C-4-1 on STR-30-2	81.0	3.7	806.96	806.73	75	NA	7	1	2	54.6					73							121	
118	45+49.68		X		12	2	C-11-3(4) on STR-32-2	9.0	2.5	809.48	809.44	75	NA	7	1	2	2.3					7							117	
119	45+99.99	X			12	2	C-11-3(4) on STR-32-2	48.0	2.7	808.37	808.20	75	NA	7	1	2	13.6					26							115	
120	46+33.05	X			12	2	C-11-3(4) on STR-32-2	32.0	2.5	808.24	808.12	75	NA	7	1	2	8.2					18							122	
121	46+32.72		X		30	2	C-11-3(4) on STR-30-3	54.0	2.9	805.97	805.93	75	NA	7	1	2	37.2												Outfall	
122	46+66.16	X			12	2	C-11-3(4) on STR-32-2	3.0	2.7	808.02	808.00	75	NA	7	1	2	0.8					4							123	
123	46+66.22	X			30	2	C-4-1 on STR-30-3	59.0	3.2	806.15	806.07	75	NA	7	1	2	44.6					54							121	
124	46+66.62		X		12	2	C-11-3(4) on STR-32-2	32.0	3.3	808.02	807.90	75	NA	7	1	2	11.5					18							121	
125	47+00.01		X		12	2	C-11-3(4) on STR-32-2	32.0	3.1	808.24	808.12	75	NA	7	1	2	10.6					18							124	
126	47+50.32	X			12	2	C-11-3(4) on STR-32-2	4.0	2.0	809.05	809.03	75	NA	7	1	2	0.8					4							127	
127	47+50.18	X			30	2	C-4-1 on STR-30-2	79.0	3.2	806.43	806.25	75	NA	7	1	2	59.0												123	
128	47+49.70		X		12	2	C-11-3(4) on STR-32-2	51.0	3.1	808.61	808.43	75	NA	7	1	2	16.8		#REF! #REF!	#REF! #REF!	#REF! #REF!	27							127	
129	48+00.01		X		12	2	C-11-3(4) on STR-32-2	49.0	2.9	808.89	808.71	75	NA	7	1	2	15.3					26							128	
130	48+50.31	X			12	2	C-11-3(4) on STR-32-2	98.0	2.1	809.50	809.15	75	NA	7	1	2	20.6					50							126	
131	49+01.22	X			12	2	C-8-1 on STR-32-3	25.0	1.5	810.42	810.35	75	NA	7	1	2	3.4												132	
132	49+00.93	X			24	2	C-4-1 on STR-30-2	146.0	2.2	808.94	808.52	75	NA	7	1	2	59.2												127	
133	48+99.69		X		18	2	C-11-3(4) on STR-32-2	51.0	3.2	809.63	809.47	75	NA	7	1	2	22.7					27							132	
134	50+17.95	X			18	2	C-11-3(4) on STR-32-2	4.0	1.9	811.82	811.80	75	NA	7	1	2	1.0					4							135	
135	50+17.96	X			24	2	C-4-1 on STR-30-2	113.0	1.9	810.84	810.51	75	NA	7	1	2	38.5												132	
136	50+50.01		X		24	2	C-11-3(4) on STR-32-2	59.0	3.0	811.09	810.91	75	NA	7	1	2	31.7					54							135	
137	51+00.00	X			12	2	C-11-3(4) on STR-32-2	81.0	2.1	812.61	812.32	75	NA	7	1	2	17.0					42							134	
138	51+36.86	X			18	2	C-11-3(4) on STR-32-2	36.0	2.7	812.51	812.40	75	NA	7	1	2	13.2					20							139	
139	51+74.66	X			24	2	C-11-3(4) on STR-32-2	4.0	2.6	812.38	812.36	75	NA	7	1	2	1.8					6							140	
140	51+74.54	X			24	2	C-4-1 on STR-30-2	152.0	2.2	812.22	811.79	75	NA	7	1	2	59.9												135	
141	51+99.02		X		12	2	C-11-3(4) on STR-32-2	56.0	3.1	813.64	813.43	75	NA	7	1	2	18.7					29							140	
142	52+37.40	X			12	2	C-11-3(4) on STR-32-2	61.0	2.3	814.00	813.78	75	NA	7	1	2	13.9					32							139	
143	53+00.33	X			12	2	C-11-3(4) on STR-32-2	48.0	2.8	814.61	814.44	75	NA	7	1	2	14.0					26							145	
144	52+99.84		X		12	2	C-11-3(4) on STR-32-2	99.0	3.7	814.60	814.25	75	NA	7	1	2	40.7					50							148	
145	53+49.99	X			12	2	C-11-3(4) on STR-32-2	50.0	3.5	814.34	814.16	75	NA	7	1	2	19.3					26							146	
146	54+00.99	X			18	2	C-11-3(4) on STR-32-2	4.0	4.0	813.66	813.64	75	NA	7	1	2	2.2					4							147	
147	54+00.81	X			24	2	C-4-1 on STR-30-2	222.0	3.5	812.96	812.32	75	NA	7	1	2	141.6												140	
148	54+00.01		X		12	2	C-11-3(4) on STR-32-2	51.0	4.7	814.15	813.96	75	NA	7	1	2	27.2					27							147	

gai consultants

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
	100 of 178
CONTRACT	PROJECT
R-42163	1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION STATION	LEFT	RIGHT	CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE UP STREAM	FLOW LINE DOWN STREAM	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 TYPE	GRATED BOX END SECTION SLOPE	GRATED BOX END SECTION EA.	SAFETY METAL END SECTION SLOPE	SAFETY METAL END SECTION EA.	TEMP. EROSION CONTROL CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	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! #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												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								
					36	2		8.0		812.94	812.89	75		7								6							169	
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	

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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
	101 of 178
CONTRACT	PROJECT
R-42163	1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LOCATION: LEFT	LOCATION: RIGHT	LOCATION: CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	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: TYPE	GRATED BOX END SECTION: SLOPE	GRATED BOX END SECTION: EA.	SAFETY METAL END SECTION: SLOPE	SAFETY METAL END SECTION: EA.	TEMP. EROSION CONTROL: CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	ELEV.	ELEV.	YR.					CU. YD.	CU. YD.	TONS	SYS.	CU. YD.	TONS	TYPE	SLOPE	EA.	SLOPE	EA.	EA.		
	LINE " PR-A" Phase 1																													
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					194							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					27							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					31							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					7							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					16							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					66							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					27							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					75							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					31							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					4							194	
					12	2		4.0	2.8	819.77	819.59	75	NA	7	1	2	1.2					4							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					21								
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					15							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					51							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! #REF!	#REF! #REF!	50							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					50							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					51							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					50							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					6							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					50							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					50							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					26							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					50							205	
T-16	79+00.42	X			12	2	Curb Turnout	97.0		833.48	833.13	75	NA	7															217	

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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
	102 of 178
CONTRACT	PROJECT
R-42163	1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LEFT	RIGHT	CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	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: TYPE	GRATED BOX END SECTION: SLOPE	GRATED BOX END SECTION: EA.	SAFETY METAL END SECTION: SLOPE	SAFETY METAL END SECTION: EA.	TEMP. EROSION CONTROL: CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	ELEV.	ELEV.	YR.					CU. YD.	CU. YD.	TONS	SYS.	CU. YD.	TONS	TYPE	SLOPE	EA.	SLOPE	EA.	EA.		
	LINE " PR-A" Existing																													
1	19+82				36	2	Sargent Drain Culvert	81.0		800.26	799.07																			Ex. Structure
2	46+13				131x85	2	Prange Drain Culvert	105.0		798.75	798.65																			Ex. Structure
1001	80+44.10	X			24	2	48" Round Inlet			823.87																				Ex. Structure
1002	80+44.10	X			12	2	48" Round Inlet			830.05	828.47																		1001	Ex. Structure
1004	78+30.87	X			12	2	36" Round Inlet			825.21	823.97																		1001	Ex. Structure
1005	73+95.07	X			12	2	36" Round Inlet			820.95	818.40				1		19.0												1006	Ex. Structure
1006	73+84.62	X			6	2	24" Round Inlet																							Ex. Structure
1007	73+75.21	X			12	2	24" Round Inlet			818.50	820.90																		1008	Ex. Structure
1008	73+63		X		12	2	36" Round Inlet			820.70	820.20																		1009	Ex. Structure
1009	73+63		X		12	2	36" Round Inlet			820.10	819.64																		1010	To be Removed
1010	73+63.	X			12	2	36" Round Inlet			819.24	816.35																		1012	Ex. Structure
1011	73+43.19	X			12	2	36" Round Inlet			819.05	819.46				1		23.5												1013	Cut and Cap . Fill with Flowable Fill.
					6	2				821.90	821.81				1		4.6													To be Removed
1012	73+57.9		X		12	2	24" Round Inlet			816.35	815.96																		1013	Ex. Structure
1013	73+45.68		X		12	2	24" Round Inlet			815.96	815.86																		1017	Ex. Structure
1017	71+10.9	X			12	2	36" Round Inlet			821.07	820.15																		1009	Ex. Structure
1018	70+58.5	X			12	2	36" Round Inlet			821.24	821.07																		1017	Ex. Structure
					12	2				824.07	821.24				1		4.0													To be Removed
1020	71+18.67		X		12	2	24" Round Inlet			815.86									#REF!	#REF!	#REF!									Ex. Structure
																			#REF!	#REF!	#REF!									
1022	63+44.48		X		36	2	48" Round Inlet			812.13																				Ex. Structure
1023	63+39.23	X			36	2	48" Round Inlet			813.05	812.33																		1022	Ex. Structure
1024	58+72.67		X		18	2	24" Round Inlet			811.12																				Ex. Structure
1031	41+15.04	X			8	2	36" Round Inlet			818.63	817.99																		Outfall	Ex. Structure
1034	40+90.84		X		12	2	24" Round Inlet			813.79	813.19																		4035	Ex. Structure
1035	40+81.63		X		12	2	48" Round Inlet			812.99	812.00																		1036	Ex. Structure
1036	39+90.15		X		12	2	36" Round Inlet			811.90																				Ex. Structure
1037	36+95.68		X		24	2	36" Round Inlet			807.05																				Ex. Structure
1038	36+94.32	X			24	2	36" Manhole			807.78	807.05				1		61.1												1037	To be Removed
1041	7+10.36		X		12	2	48" Round Inlet			812.84	812.15																		1045	Ex. Structure
1042	7+12.16		X				30" Manhole																							Ex. Structure
1043	7+15.69		X		12	2	24" Round Inlet			812.90																			1042	Ex. Structure
1045	36+11.15	X			15	2	24" Round Inlet			812.10	811.93																		1046	Ex. Structure
1046	36+03.25	X			15	2	24" Round Inlet			811.73	811.28				1		27.6												1038	To be Removed
1047	35+71.61	X			15	2	24" Round Inlet			812.05	811.88				1		14.0												1046	To be Removed
1048	33+58.45	X			15	2	24" Square Inlet			813.07	812.05																		1047	Ex. Structure
1085	10+86.04	X			12	2	24" Square Inlet			812.64					1		100.0												Outfall	To be Removed
1099	24+16.28	X			12	2	24" Square Inlet			809.26																				Ex. Structure
3545	8+30.63		X		12	2	36" Round Inlet			813.41																				Ex. Structure

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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
	103 of 178
CONTRACT	PROJECT
R-42163	1901705

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION STATION	LOCATION LEFT	LOCATION RIGHT	LOCATION CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE UP STREAM	FLOW LINE DOWN STREAM	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 TYPE	GRATED BOX END SECTION SLOPE	GRATED BOX END SECTION EA.	SAFETY METAL END SECTION SLOPE	SAFETY METAL END SECTION EA.	TEMP. EROSION CONTROL CURB INLET PROJECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	ELEV.	ELEV.	YR.					CU. YD.	CU. YD.	TONS	SYS.	CU. YD.	TONS	TYPE	SLOPE	EA.	SLOPE	EA.	EA.		
	LINE " PR-A" Sanitary Sewer																													
1003	78+23.8	X			8	2	48" Sanitary Manhole			823.09	822.01																		1016	Adjust to Grade
1016	78+23.8		X		8	2	48" Sanitary Manhole			821.61	817.02																		1015	Adjust to Grade
1015	74+50		X		8	2	48" Sanitary Manhole			816.42	812.15																		1021	Adjust to Grade
1014	72+67.53		X		8	2	48" Sanitary Manhole			815.15																				Adjust to Grade
10815	70+45.3	X			8	2	48" Sanitary Manhole			821.99	817.70																		1019	Adjust to Grade
1019	70+37.14	X			8	2	48" Sanitary Manhole			817.70																				Adjust to Grade
1021	66+51.2		X		8	2	48" Sanitary Manhole			812.57	809.28																		1025	Adjust to Grade
1025	58+55.5		X		8	2	48" Sanitary Manhole			809.28	808.33																		1026	Adjust to Grade
1026	58+11.07		X		8	2	48" Sanitary Manhole			808.33	806.78																		1027	Adjust to Grade
1027	54+56.29		X		8	2	48" Sanitary Manhole			806.78																				Adjust to Grade
1029	43+31.3	X			8	2	48" Sanitary Manhole			809.92	809.42																		1030	Adjust to Grade
1030	42+25.7	X			8	2	48" Sanitary Manhole			809.42	809.10																		1032	Adjust to Grade
1032	42+28		X		8	2	48" Sanitary Manhole			808.90	808.18																		1033	Adjust to Grade
1033	42+15		X		8	2	48" Sanitary Manhole			808.18																				Adjust to Grade
1039	46+87.2	X			8	2	48" Sanitary Manhole			803.77	803.46								#REF! #REF!	#REF! #REF!	#REF! #REF!								1049	Adjust to Grade
1040	46+87.2	X			8	2	48" Sanitary Manhole			804.93	803.87																		1039	Adjust to Grade
1044	35+97.7	X			8	2	48" Sanitary Manhole			814.34																				Adjust to Grade
1049	36+30.8		X		8	2	48" Sanitary Manhole			803.46	800.69																		1052	Adjust to Grade
1050	34+71.3		X		8	2	48" Sanitary Manhole			803.32																				Adjust to Grade
1051	34+68.8		X		8	2	36" Sanitary Manhole			810.92	809.92																		1050	Adjust to Grade
1052	36+31.7		X		8	2	48" Sanitary Manhole			799.69																				Adjust to Grade
1053	31+28.4		X		8	2	48" Sanitary Manhole			808.19	803.32																		1050	Adjust to Grade
1054	28+68.4		X		8	2	48" Sanitary Manhole			809.09	803.48																		1055	Adjust to Grade
1055	24+91.1		X		8	2	48" Sanitary Manhole			803.48	795.89																		1057	Adjust to Grade
1056	31+17.8		X		8	2	36" Sanitary Manhole			807.47	803.48																		1055	Adjust to Grade
1057	24+69		X		8	2	48" Sanitary Manhole			795.89																				Adjust to Grade
1082	16+69.2	X			8	2	36" Sanitary Manhole			808.38	807.22																		1084	Adjust to Grade
1083	13+16.5	X			8	2	36" Sanitary Manhole			810.67	808.68																		1082	Adjust to Grade
1084	16+73.8		X		8	2	36" Sanitary Manhole			807.22																				Adjust to Grade
5598	10+26.6		X		10	2	48" Sanitary Manhole			808.70	796.58																		5768	Adjust to Grade
5768	10+26.6		X		10	2	48" Sanitary Manhole			791.08																				Adjust to Grade
5781	10+35		X		8	2	48" Sanitary Manhole			800.75																				Adjust to Grade
5989	10+29.8	X			10	2	48" Sanitary Manhole			808.78	808.80																		5598	Adjust to Grade
6272	10+35.5	X			10	2	48" Sanitary Manhole			809.89	808.78																		5989	Adjust to Grade

Plot:3/10/2023 1:51:16 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 8

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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
	104 of 178
CONTRACT	PROJECT
R-42163	1901705

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LEFT	RIGHT	CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	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		TEMP. EROSION CONTROL: CURB INLET PROECT	CONNECT TO STR. NO.	REMARKS
								ft	ft	ELEV.	ELEV.	YR.					CU. YD.	CU. YD.	TONS	SYS.	CU. YD.	TONS	TYPE	SLOPE	EA.	SLOPE	EA.	EA.		
	LINE " PR-A" Drive Pipes																													
2000	11+74.1				12	2	12" Pipe	25.0		813.97	813.49				1		5.1													To be Removed
2001	12+34.17				4	2	4" Pipe	15.0		815.31	815.26				1		-0.2													To be Removed
2002	12+94.4				12	2	12" Pipe	21.0		814.82	814.75				1		2.9													To be Removed
2003	14+97.6				12	2	12" Pipe	25.0		816.27	816.07				1		2.4													To be Removed
2004	15+70.39				6	2	6" Pipe	17.0		815.41	815.35				1		0.3													To be Removed
2005	15+93.4				12	2	12" Pipe	24.0		815.46	815.27				1		1.6													To be Removed
2006	16+90.64				12	2	12" Pipe	42.0		814.13	813.64				1		6.4													To be Removed
2007	17+13.47				4	2	4" Pipe	7.0		815.46	815.44				1		-0.3													To be Removed
2008	17+42.56				12	2	12" Pipe	62.0		814.42	813.07				1		11.8													To be Removed
2009	18+60.3				12	2	12" Pipe	41.0		811.47	808.93				1		9.8													To be Removed
2010	18+64.36				8	2	8" Pipe	12.0		808.98	808.94				1		2.7													To be Removed
2011	18+30.7				15	2	15" Pipe	20.0		811.76	811.24				1		3.3													To be Removed
2012	23+41.2				12	2	12" Pipe	24.0		812.82	812.62				1		1.1													To be Removed
2013	23+98.8				12	2	12" Pipe	24.0		811.94	811.10				1		2.3													To be Removed
2014	24+15.64				12	2	12" Pipe	11.0		811.15	811.11				1		1.8		#REF!	#REF!	#REF!									To be Removed
																			#REF!	#REF!	#REF!									
2015	24+84.2				12	2	12" Pipe	24.0		812.32	811.87				1		4.5													To be Removed
2017	25+60				12	2	12" Pipe	24.0		813.85	813.25				1		3.0													To be Removed
2018	26+52.6				12	2	12" Pipe	41.0		815.26	815.25				1		2.7													To be Removed
2019	28+38.5				12	2	12" Pipe	25.0		816.41	816.32				1		2.6													To be Removed
2020	29+43.5				12	2	12" Pipe	24.0		817.32	817.26				1		2.2													To be Removed
2021	32+33.9				15	2	15" Pipe	137.0		817.72	813.22				1		64.2													To be Removed
2022	41+10.6				12	2	12" Pipe	64.0		817.78	817.05				1		4.2													To be Removed
2023	43+65.01				12	2	12" Pipe	55.0		812.10	811.72				1		13.4													To be Removed
2024	44+10.7				12	2	12" Pipe	30.0		813.46	813.03				1		-0.5													To be Removed
2025	44+84.4				12	2	12" Pipe	28.0		811.39	810.43				1		0.1													To be Removed
2026	49+00				12	2	12" Pipe	24.0		810.98	810.21				1		3.5													To be Removed
2027	49+86.4				12	2	12" Pipe	24.0		813.40	812.91				1		2.4													To be Removed
2028	52+65				12	2	12" Pipe	30.0		816.84	816.57				1		2.6													To be Removed
2029	57+27.02				15	2	15" Pipe	68.0		820.00	818.83				1		14.4													To be Removed
2030	57+85.8				12	2	12" Pipe	40.0		820.96	820.26				1		2.1													To be Removed
2032	61+61.48				12	2	12" Pipe	104.0		819.62	816.87				1		9.4													To be Removed

Plot:3/10/2023 1:51:35 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 9

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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
	105 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Structure Data Tables.dgn

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

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

LEGEND

PIPE MATERIAL
- RCP Reinforced Concrete Pipe
- RCHEP 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

gai consultants

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
	106 of 178
CONTRACT	PROJECT
R-42163	1901705

	STRUCTURE NUMBER		**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	**65**
	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
INT. DES.	SMOOTH PIPE SIZE		12	12	12	12	12	12	36	12	12	12	12	12	30	18	18	12	18	12	12	30	18
INT. DES.	CORRUGATED PIPE SIZE																						
INT. DES.	SEMI-SMOOTH PIPE SIZE																						
CONC.	RCP/RCHEP (S)	CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
CONC.	RCP/RCHEP (S)	$D_{0.01}$ RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
CONC.	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
PLASTIC PIPE	PROFILE WALL (RIBBED) PE PIPE (S)*								x						x	x	x		x				x
PLASTIC PIPE	PROFILE WALL (CLOSED) PE PIPE (S)*								x							x	x		x				x
PLASTIC PIPE	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
PLASTIC PIPE	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
PLASTIC PIPE	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
PLASTIC PIPE	SMOOTH WALL PVC PIPE (S)*		x	x	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x
CLAY	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)	CORR.PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED W/ BPI (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED W/ BPI (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ALUM. COATED TYPE 2 (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)	THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED W/ BPI (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	ZINC COATED W/ BPI (SS)	THICKNESS																					
SPIRAL RIB STEEL PIPE	ALUM. COATED TYPE 2 (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	ALUM. COATED TYPE 2 (SS)	THICKNESS																					
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)	THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL (C)	THICKNESS **																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL W/ CFP (C)	THICKNESS **																					

	STRUCTURE NUMBER		**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**
	PIPE TYPE / SHAPE (CIR or DEF)		CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
INT. DES.	SMOOTH PIPE SIZE		18	24	12	24	18	18	18	18	18	36	12	18	36	12
INT. DES.	CORRUGATED PIPE SIZE															
INT. DES.	SEMI-SMOOTH PIPE SIZE															
CONC.	RCP/RCHEP (S)	CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II
CONC.	RCP/RCHEP (S)	$D_{0.01}$ RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
CONC.	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
PLASTIC PIPE	PROFILE WALL (RIBBED) PE PIPE (S)*		x	x		x	x	x	x		x	x		x	x	
PLASTIC PIPE	PROFILE WALL (CLOSED) PE PIPE (S)*		x	x		x	x	x	x		x			x		
PLASTIC PIPE	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
PLASTIC PIPE	CORRUGATED PP PIPE (S)		x	x	x	x	x	x	x		x		x	x		x
PLASTIC PIPE	PROFILE WALL PVC PIPE (S)		x	x	x	x	x	x	x		x	x	x	x	x	x
PLASTIC PIPE	SMOOTH WALL PVC PIPE (S)*		x	x	x	x	x	x	x		x		x	x		x
CLAY	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)	CORR.PROFILE														
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	THICKNESS														
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED (C)	CORR. PROFILE														
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED (C)	THICKNESS														
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED W/ BPI (C)	CORR. PROFILE														
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED W/ BPI (C)	THICKNESS														
CORRUGATED STEEL PIPE / PIPE-ARCH	ALUM. COATED TYPE 2 (C)	CORR. PROFILE														
CORRUGATED STEEL PIPE / PIPE-ARCH	ALUM. COATED TYPE 2 (C)	THICKNESS														
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE														
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (C)	THICKNESS														
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE														
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	THICKNESS														
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE														
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	THICKNESS														
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE														
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)	THICKNESS														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	THICKNESS														
SPIRAL RIB STEEL PIPE	ZINC COATED W/ BPI (SS)	RIB PROFILE														
SPIRAL RIB STEEL PIPE	ZINC COATED W/ BPI (SS)	THICKNESS														
SPIRAL RIB STEEL PIPE	ALUM. COATED TYPE 2 (SS)	RIB PROFILE														
SPIRAL RIB STEEL PIPE	ALUM. COATED TYPE 2 (SS)	THICKNESS														
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE														
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)	THICKNESS														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	THICKNESS														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	THICKNESS														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL (C)	CORR. PROFILE														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL (C)	THICKNESS **														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL W/ CFP (C)	THICKNESS **														

LEGEND

PIPE MATERIAL
- RCP — Reinforced Concrete Pipe
- RCHEP — 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

	STRUCTURE NUMBER		**80**	**81**	**82**	**83**	**84**	**85**	**85**	**86**	**87**	**88**	**89**	**90**	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**
	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
INT. DES.	SMOOTH PIPE SIZE		12	12	42	12	12	18	18	12	42	24	18	12	24	21	24	24	42	42	12	24	18
	CORRUGATED PIPE SIZE																						
	SEMI-SMOOTH PIPE SIZE																						
CONC.	RCP/RCHEP (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
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		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				x	x
	PROFILE WALL (CLOSED) PE PIPE (S)*				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
	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	x
	SMOOTH WALL PVC PIPE (S)*		x	x		x	x	x	x	x		x	x	x	x	x	x	x			x	x	x
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		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)	CORR.PROFILE																					
		THICKNESS																					
	ZINC COATED (C)	CORR. PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
		THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (SS)	RIB PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE																					
		THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE STEEL (C)	CORR. PROFILE																					
		THICKNESS **																					
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE																					
		THICKNESS **																					

	STRUCTURE NUMBER		**100**	**101**	**102**	**103**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**	**113**
	PIPE TYPE / SHAPE (CIR or DEF)		CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
INT. DES.	SMOOTH PIPE SIZE		12	12	12	42	12	12	18	24	12	12	12	12	12	24
	CORRUGATED PIPE SIZE															
	SEMI-SMOOTH PIPE SIZE															
CONC.	RCP/RCHEP (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
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		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	
	PROFILE WALL (RIBBED) PE PIPE (S)*								x	x						
	PROFILE WALL (CLOSED) PE PIPE (S)*					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	
	CORRUGATED PP PIPE (S)		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	
	SMOOTH WALL PVC PIPE (S)*		x	x	x		x	x	x	x	x	x	x		x	
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		x	x	x		x	x	x	x	x	x	x	x	x	x
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	CORR.PROFILE														
		THICKNESS														
	ZINC COATED (C)	CORR. PROFILE														
		THICKNESS														
	ZINC COATED W/ BPI (C)	CORR. PROFILE														
		THICKNESS														
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE														
		THICKNESS														
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE														
		THICKNESS														
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE														
		THICKNESS														
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE														
		THICKNESS														
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE														
		THICKNESS														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE														
		THICKNESS														
	ZINC COATED W/ BPI (SS)	RIB PROFILE														
		THICKNESS														
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE														
		THICKNESS														
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE														
		THICKNESS														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE														
		THICKNESS														
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE														
		THICKNESS														
	STR. PLATE STEEL (C)	CORR. PROFILE														
		THICKNESS **														
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE														
		THICKNESS **														

LEGEND

PIPE MATERIAL
- RCP Reinforced Concrete Pipe
- RCHEP 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

Plot:3/10/2023 1:52:29 PM By: huynhkt Pen: Transportation.tbl Model:Sheet 3

gai consultants

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	CITY OF FORT WAYNE INDIANA	SCALE: N/A; BRIDGE FILE; DESIGNATION: 1901705
DESIGNED: ARW	DRAWN: KTH/MWM		PIPE MATERIAL TABLE	SURVEY BOOK; SHEETS: 108 of 178
CHECKED: MJS	CHECKED: MJS/ARW			CONTRACT: R-42163; PROJECT: 1901705

			114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134
	STRUCTURE NUMBER		114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134
	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
INT. DES.	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/RCHEP (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
	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	
	PROFILE WALL (RIBBED) PE PIPE (S)*				x	x	x				x		x				x					x	
	PROFILE WALL (CLOSED) PE PIPE (S)*				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	
	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	
	SMOOTH WALL PVC PIPE (S)*		x	x	x	x	x	x	x	x		x		x		x		x	x		x	x	
CLAY	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)	CORR.PROFILE																					
		THICKNESS																					
	ZINC COATED (C)	CORR. PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
		THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (SS)	RIB PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE																					
		THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE STEEL (C)	CORR. PROFILE																					
		THICKNESS **																					
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE																					
		THICKNESS **																					

			135	136	137	138	139	140	141	142	143	144	145	146	147	148
	STRUCTURE NUMBER		135	136	137	138	139	140	141	142	143	144	145	146	147	148
	PIPE TYPE / SHAPE (CIR or DEF)		CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR	CIR
INT. DES.	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/RCHEP (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
	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
	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
CLAY	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)	CORR.PROFILE														
		THICKNESS														
	ZINC COATED (C)	CORR. PROFILE														
		THICKNESS														
	ZINC COATED W/ BPI (C)	CORR. PROFILE														
		THICKNESS														
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE														
		THICKNESS														
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE														
		THICKNESS														
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE														
		THICKNESS														
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE														
		THICKNESS														
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE														
		THICKNESS														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE														
		THICKNESS														
	ZINC COATED W/ BPI (SS)	RIB PROFILE														
		THICKNESS														
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE														
		THICKNESS														
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE														
		THICKNESS														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE														
		THICKNESS														
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE														
		THICKNESS														
	STR. PLATE STEEL (C)	CORR. PROFILE														
		THICKNESS **														
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE														
		THICKNESS **														

LEGEND

PIPE MATERIAL
- RCP — Reinforced Concrete Pipe
- RCHEP — 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

gai consultants

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
	109 of 178
CONTRACT	PROJECT
R-42163	1901705

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Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Pipe Material Table.dgn

			149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169
	STRUCTURE NUMBER		149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169
	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
INT. DES.	SMOOTH PIPE SIZE		12	12	12	12	24	18	24	18	12	12	12	12	18	12	12	12	18	12	12	12	12
INT. DES.	CORRUGATED PIPE SIZE																						
INT. DES.	SEMI-SMOOTH PIPE SIZE																						
CONC.	RCP/RCHEP (S)	CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
CONC.	RCP/RCHEP (S)	$D_{0.01}$ RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
CONC.	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
PLASTIC PIPE	PROFILE WALL (RIBBED) PE PIPE (S)*						x	x	x	x					x				x				
PLASTIC PIPE	PROFILE WALL (CLOSED) PE PIPE (S)*						x	x	x	x					x				x				
PLASTIC PIPE	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
PLASTIC PIPE	CORRUGATED PP PIPE (S)			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PLASTIC PIPE	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
PLASTIC PIPE	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
CLAY	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)	CORR.PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED W/ BPI (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ZINC COATED W/ BPI (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	ALUM. COATED TYPE 2 (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED (C)	THICKNESS																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
CORRUGATED STEEL PIPE / PIPE-ARCH	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY W/ BPI (C)	THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED W/ BPI (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	ZINC COATED W/ BPI (SS)	THICKNESS																					
SPIRAL RIB STEEL PIPE	ALUM. COATED TYPE 2 (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	ALUM. COATED TYPE 2 (SS)	THICKNESS																					
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE																					
SPIRAL RIB STEEL PIPE	POLYMER PRECOATED GALVANIZED (SS)	THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL (C)	THICKNESS **																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE STEEL W/ CFP (C)	THICKNESS **																					

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

LEGEND

PIPE MATERIAL
- RCP — Reinforced Concrete Pipe
- RCHEP — 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

gai consultants

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
	110 of 178
CONTRACT	PROJECT
R-42163	1901705

			183	184	185	186	187	188	189	190	191	192	193	193	194	195	196	197	198	199	200	201	202
	STRUCTURE NUMBER		183	184	185	186	187	188	189	190	191	192	193	193	194	195	196	197	198	199	200	201	202
	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
INT. DES.	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/RCHEP (S)	CLASS	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
	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
PLASTIC PIPE	CORRUGATED PE PIPE, TYPE S (S)*		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														
	PROFILE WALL (CLOSED) PE PIPE (S)*		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
	CORRUGATED PP PIPE (S)		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
	SMOOTH WALL PVC PIPE (S)*		x	x	x	x	x	x	x	x	x	x	x	x	x					x		x	x
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		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)	CORR.PROFILE																					
		THICKNESS																					
	ZINC COATED (C)	CORR. PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																					
		THICKNESS																					
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE																					
		THICKNESS																					
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE																					
		THICKNESS																					
	ZINC COATED W/ BPI (SS)	RIB PROFILE																					
		THICKNESS																					
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE																					
		THICKNESS																					
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE																					
		THICKNESS																					
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE																					
		THICKNESS																					
	STR. PLATE STEEL (C)	CORR. PROFILE																					
		THICKNESS **																					
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE																					
		THICKNESS **																					

			203	204	205
	STRUCTURE NUMBER		203	204	205
	PIPE TYPE / SHAPE (CIR or DEF)		CIR	CIR	CIR
INT. DES.	SMOOTH PIPE SIZE		12	12	12
	CORRUGATED PIPE SIZE				
	SEMI-SMOOTH PIPE SIZE				
CONC.	RCP/RCHEP (S)	CLASS	II		
		$D_{0.01}$ RATING	1000		
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		x		
PLASTIC PIPE	CORRUGATED PE PIPE, TYPE S (S)*				
	PROFILE WALL (RIBBED) PE PIPE (S)*				
	PROFILE WALL (CLOSED) PE PIPE (S)*				
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR				
	CORRUGATED PP PIPE (S)				
	PROFILE WALL PVC PIPE (S)				
	SMOOTH WALL PVC PIPE (S)*				
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		x		
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	CORR.PROFILE			
		THICKNESS			
	ZINC COATED (C)	CORR. PROFILE			
		THICKNESS			
	ZINC COATED W/ BPI (C)	CORR. PROFILE			
		THICKNESS			
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE			
		THICKNESS			
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE			
		THICKNESS			
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE			
		THICKNESS			
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)	CORR. PROFILE			
		THICKNESS			
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE			
		THICKNESS			
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)	RIB PROFILE			
		THICKNESS			
	ZINC COATED W/ BPI (SS)	RIB PROFILE			
		THICKNESS			
	ALUM. COATED TYPE 2 (SS)	RIB PROFILE			
		THICKNESS			
	POLYMER PRECOATED GALVANIZED (SS)	RIB PROFILE			
		THICKNESS			
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)	CORR. PROFILE			
		THICKNESS			
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)	CORR. PROFILE			
		THICKNESS			
	STR. PLATE STEEL (C)	CORR. PROFILE			
		THICKNESS **			
	STR. PLATE STEEL W/ CFP (C)	CORR. PROFILE			
		THICKNESS **			

LEGEND

PIPE MATERIAL

RCP	Reinforced Concrete Pipe
RCHEP	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

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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
	111 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 30.0 SFT Vc = 66 CYS
Af = 57.4 SFT Vf = 64 CYS

41+50.00

Ac = 41.5 SFT Vc = 55 CYS
Af = 11.8 SFT Vf = 35 CYS

41+00.00

Ac = 18.0 SFT Vc = 0 CYS
Af = 26.2 SFT Vf = 0 CYS

40+50.00

STA. 40+50.00 TO STA. 41+50.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 91.0 SFT Af = 44.1 SFT
Vc = 239 CYS Vf = 85 CYS

42+50.00

Ac = 167.7 SFT Af = 47.6 SFT
Vc = 183 CYS Vf = 97 CYS

42+00.00

STA. 42+00.00 TO STA. 42+50.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 75.5 SFT Af = 11.7 SFT
Vc = 153 CYS Vf = 52 CYS

43+50.00

Ac = 89.2 SFT Af = 44.6 SFT
Vc = 167 CYS Vf = 82 CYS

43+00.00

STA. 43+00.00 TO STA. 43+50.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

STA. 43+65.01 TO STA. 44+00.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

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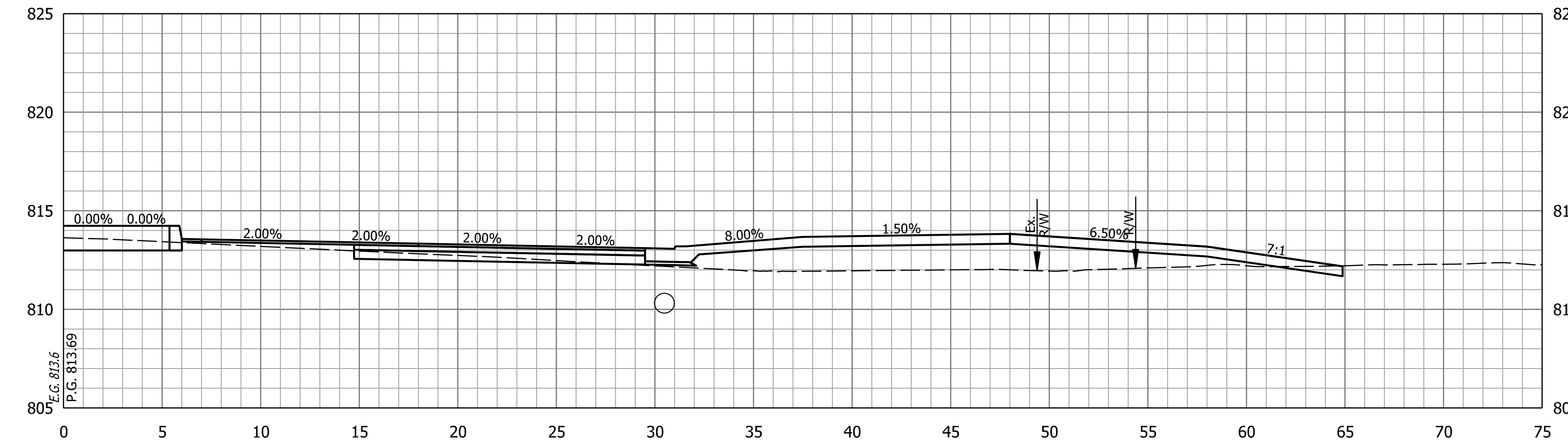

Ac = 7.0 SFT Vc = 21 CYS

Af = 30.9 SFT Vf = 68 CYS

44+84.40

Ac = 25.4 SFT Vc = 42 CYS

Af = 75.9 SFT Vf = 108 CYS

44+50.00

STA. 44+50.00 TO STA. 44+84.40

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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
	116 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 19.0 SFT Af = 128.5 SFT
Vc = 36 CYS Vf = 196 CYS

45+50.00

Ac = 20.3 SFT Af = 82.8 SFT
Vc = 8 CYS Vf = 33 CYS

45+00.00

STA. 45+00.00 TO STA. 45+50.00

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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
	117 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 16.5 SFT Af = 585.4 SFT
Vc = 17 CYS Vf = 688 CYS

46+30.00

1

Ac = 14.8 SFT Af = 653.6 SFT
Vc = 31 CYS Vf = 724 CYS

46+00.00

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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
	118 of 178
CONTRACT	PROJECT
R-42163	1901705

STA. 46+00.00 TO STA. 46+30.00

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Ac = 19.9 SFT   Af = 527.0 SFT
Vc = 34 CYS   Vf = 1045 CYS

47+00.00

Ac = 17.2 SFT   Af = 601.3 SFT
Vc = 13 CYS   Vf = 440 CYS

46+50.00

STA. 46+50.00 TO STA. 47+00.00

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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
	119 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 22.0 SFT Af = 287.5 SFT
Vc = 40 CYS Vf = 704 CYS

48+00.00

Ac = 20.8 SFT Af = 472.9 SFT
Vc = 38 CYS Vf = 926 CYS

47+50.00

STA. 47+50.00 TO STA. 48+00.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 8.2 SFT Af = 81.6 SFT
Vc = 16 CYS Vf = 293 CYS

49+00.00

Ac = 9.4 SFT Af = 235.3 SFT
Vc = 29 CYS Vf = 484 CYS

48+50.00

STA. 48+50.00 TO STA. 49+00.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

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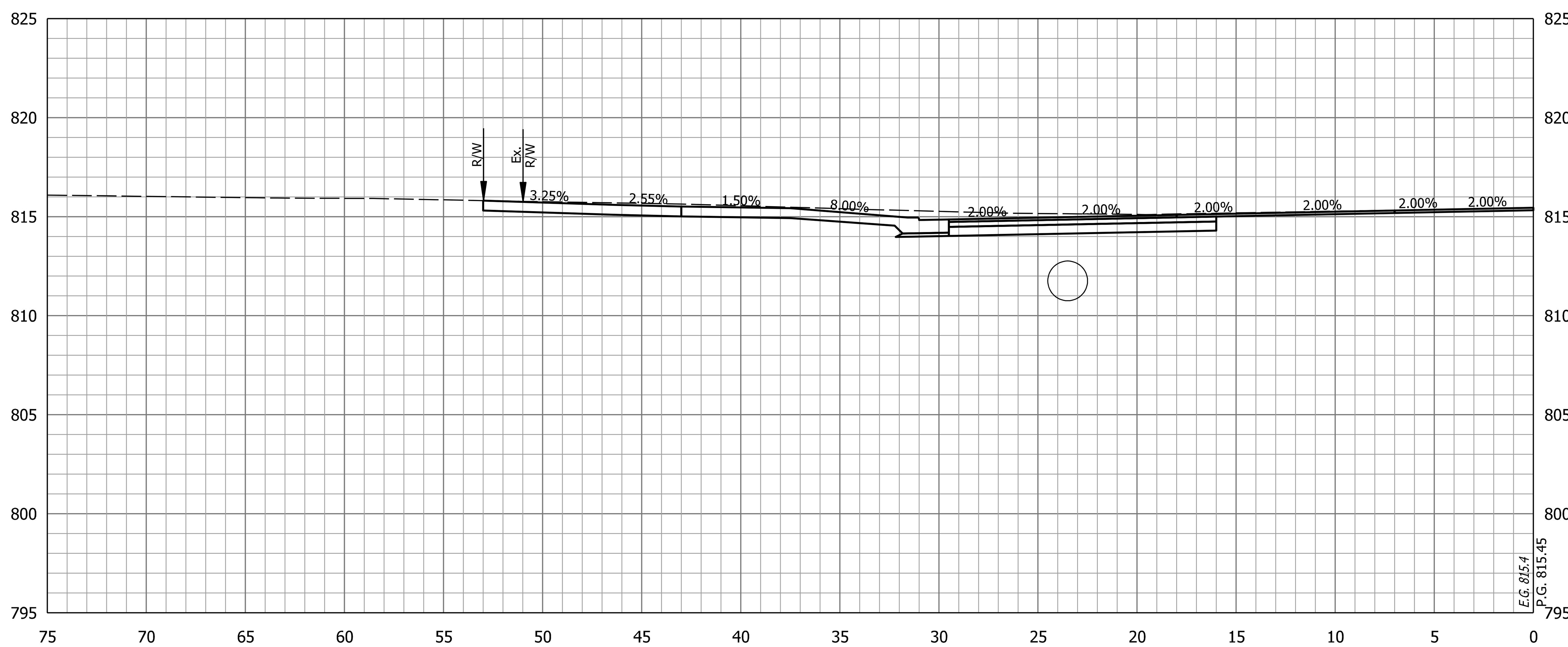

Ac = 31.5 SFT Af = 0.0 SFT
Vc = 28 CYS Vf = 27 CYS

49+86.64

Ac = 9.1 SFT Af = 40.5 SFT
Vc = 16 CYS Vf = 113 CYS

49+50.00

STA. 49+50.00 TO STA. 49+86.64

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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
	122 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 22.3 SFT   Af = 28.1 SFT
Vc = 41 CYS   Vf = 39 CYS

50+50.00

Ac = 22.2 SFT   Af = 14.4 SFT
Vc = 13 CYS   Vf = 4 CYS

50+00.00

STA. 50+00.00 TO STA. 50+50.00

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DESIGNED: BOA   DRAWN: KTH
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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
	123 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 10.1 SFT
Vc = 21 CYS

Af = 27.7 SFT
Vf = 54 CYS

51+50.00

Ac = 12.3 SFT
Vc = 32 CYS

Af = 30.2 SFT
Vf = 54 CYS

51+00.00

STA. 51+00.00 TO STA. 51+50.00

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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
	124 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 35.4 SFT
Vc = 49 CYS

Af = 1.6 SFT
Vf = 15 CYS

52+50.00

Ac = 17.7 SFT
Vc = 26 CYS

Af = 14.3 SFT
Vf = 39 CYS

52+00.00

STA. 52+00.00 TO STA. 52+50.00

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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
	125 of 178
CONTRACT	PROJECT
R-42163	1901705

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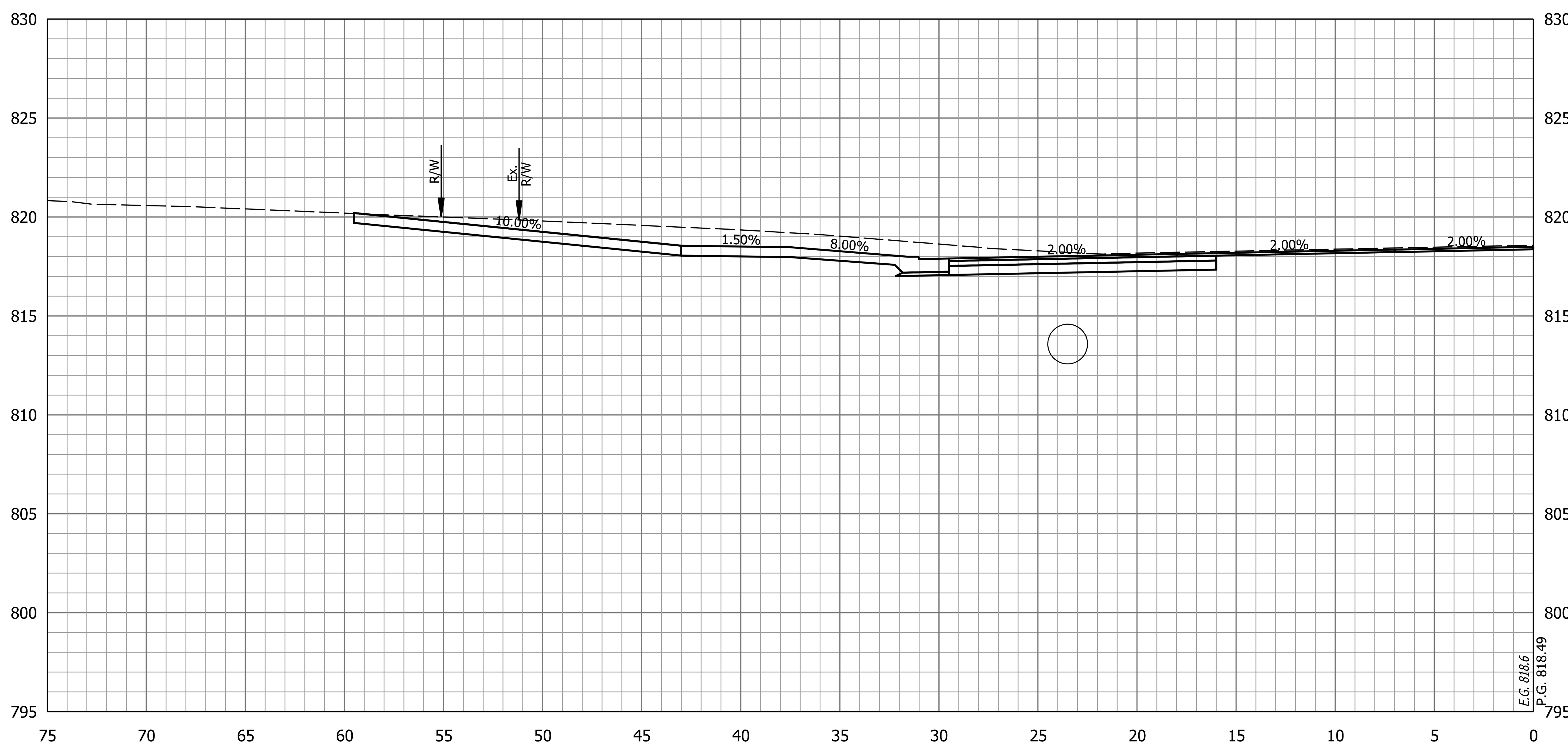
Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 27.9 SFT Af = 11.8 SFT
Vc = 50 CYS Vf = 7 CYS

53+00.00



Ac = 52.1 SFT Af = 0.0 SFT
Vc = 26 CYS Vf = 0 CYS

52+66.00

STA. 52+66.00 TO STA. 53+00.00

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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
	126 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 39.9 SFT Af = 45.1 SFT
Vc = 64 CYS Vf = 78 CYS

54+00.00

Ac = 29.3 SFT Af = 39.0 SFT
Vc = 53 CYS Vf = 47 CYS

53+50.00

STA. 53+50.00 TO STA. 54+00.00

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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
	127 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:08 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 65.0 SFT
Vc = 97 CYS

Af = 20.0 SFT
Vf = 60 CYS

54+50.00

STA. 54+50.00 TO STA. 54+50.00

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DESIGNED: BOA DRAWN: KTH

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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 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 94.9 SFT
Vc = 148 CYS

Af = 11.8 SFT
Vf = 29 CYS

55+00.00

STA. 55+00.00 TO STA. 55+00.00

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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
	129 of 178
CONTRACT	PROJECT
R-42163	1901705

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Ac = 81.8 SFT
Vc = 9 CYS

Af = 28.5 SFT
Vf = 2 CYS

55+02.81

STA. 55+02.81 TO STA. 55+02.81

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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
	130 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 54.9 SFT Af = 20.0 SFT
Vc = 120 CYS Vf = 42 CYS

55+50.00

STA. 55+50.00 TO STA. 55+50.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:12 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 42.8 SFT
Vc = 91 CYS

Af = 45.2 SFT
Vf = 60 CYS

56+00.00

STA. 56+00.00 TO STA. 56+00.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:13 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 34.1 SFT
Vc = 71 CYS

Af = 45.2 SFT
Vf = 84 CYS

56+50.00

STA. 56+50.00 TO STA. 56+50.00

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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
	133 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:14 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 14.3 SFT
Vc = 45 CYS

Af = 53.0 SFT
Vf = 91 CYS

57+00.00

STA. 57+00.00 TO STA. 57+00.00

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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 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:15 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 9.6 SFT
Vc = 22 CYS

Af = 89.6 SFT
Vf = 132 CYS

57+50.00

STA. 57+50.00 TO STA. 57+50.00

gai consultants

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
	135 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:16 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 10.9 SFT
Vc = 19 CYS

Af = 76.4 SFT
Vf = 154 CYS

58+00.00

STA. 58+00.00 TO STA. 58+00.00

Plot:3/10/2023 1:54:16 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

gai consultants

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
	136 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

58+50.00

STA. 58+50.00 TO STA. 58+50.00

gai consultants

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 137 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 18.8 SFT
Vc = 30 CYS

Af = 56.4 SFT
Vf = 117 CYS

59+00.00

STA. 59+00.00 TO STA. 59+00.00

gai consultants

RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER DATE		CITY OF FORT WAYNE INDIANA	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
			VERTICAL SCALE 1" = 5'	DESIGNATION 1901705
DESIGNED: BOA	DRAWN: KTH	CROSS SECTIONS LINE "PR-A"	SURVEY BOOK	SHEETS 138 of 178
CHECKED: MJS	CHECKED: MJS		CONTRACT R-42163	PROJECT 1901705

Plot:3/10/2023 1:54:18 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

1

Ac = 17.5 SFT
Vc = 34 CYS

Af = 65.3 SFT
Vf = 113 CYS

59+50.00

STA. 59+50.00 TO STA. 59+50.00

Plot:3/10/2023 1:54:19 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	139 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 19.3 SFT
Vc = 34 CYS

Af = 62.1 SFT
Vf = 118 CYS

60+00.00

STA. 60+00.00 TO STA. 60+00.00

Plot:3/10/2023 1:54:20 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 15.4 SFT Af = 54.1 SFT
Vc = 32 CYS Vf = 108 CYS

60+50.00

STA. 60+50.00 TO STA. 60+50.00

gai consultants

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
	141 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:21 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 12.4 SFT Af = 101.2 SFT
Vc = 24 CYS Vf = 160 CYS

61+50.00

Ac = 13.6 SFT Af = 71.4 SFT
Vc = 27 CYS Vf = 116 CYS

61+00.00

STA. 61+00.00 TO STA. 61+50.00

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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
	142 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:21 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

STA. 62+00.00 TO STA. 62+50.00

Plot:3/10/2023 1:54:22 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	143 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 39.4 SFT Af = 103.9 SFT
Vc = 98 CYS Vf = 199 CYS

63+50.00

Ac = 66.1 SFT Af = 110.5 SFT
Vc = 76 CYS Vf = 195 CYS

63+00.00

STA. 63+00.00 TO STA. 63+50.00

Plot:3/10/2023 1:54:23 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	144 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 34.8 SFT
Vc = 69 CYS

Af = 35.5 SFT
Vf = 80 CYS

64+50.00

Ac = 39.5 SFT
Vc = 73 CYS

Af = 51.0 SFT
Vf = 143 CYS

64+00.00

STA. 64+00.00 TO STA. 64+50.00

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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
	145 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 38.8 SFT Vc = 73 CYS

Af = 26.4 SFT Vf = 52 CYS

65+50.00

Ac = 40.5 SFT Vc = 70 CYS

Af = 29.5 SFT Vf = 60 CYS

65+00.00

STA. 65+00.00 TO STA. 65+50.00

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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
	146 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 19.2 SFT Vc = 46 CYS
Af = 51.1 SFT Vf = 76 CYS

66+50.00

Ac = 30.1 SFT Vc = 64 CYS
Af = 30.9 SFT Vf = 53 CYS

66+00.00

STA. 66+00.00 TO STA. 66+50.00

Plot:3/10/2023 1:54:26 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	147 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 10.2 SFT
Vc = 18 CYS

Af = 73.9 SFT
Vf = 125 CYS

67+50.00

Ac = 9.2 SFT
Vc = 26 CYS

Af = 61.2 SFT
Vf = 104 CYS

67+00.00

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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
	148 of 178
CONTRACT	PROJECT
R-42163	1901705

STA. 67+00.00 TO STA. 67+50.00

Plot:3/10/2023 1:54:27 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 9.0 SFT Af = 91.1 SFT
Vc = 17 CYS Vf = 167 CYS

68+50.00

Ac = 8.9 SFT Af = 89.2 SFT
Vc = 18 CYS Vf = 151 CYS

68+00.00

STA. 68+00.00 TO STA. 68+50.00

Plot:3/10/2023 1:54:28 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	149 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 19.5 SFT Vc = 32 CYS

Af = 59.9 SFT Vf = 144 CYS

69+50.00

Ac = 15.1 SFT Vc = 22 CYS

Af = 95.3 SFT Vf = 173 CYS

69+00.00

STA. 69+00.00 TO STA. 69+50.00

Plot:3/10/2023 1:54:29 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	150 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 22.5 SFT
Vc = 38 CYS

Af = 55.8 SFT
Vf = 97 CYS

70+50.00

Ac = 19.0 SFT
Vc = 36 CYS

Af = 49.3 SFT
Vf = 101 CYS

70+00.00

STA. 70+00.00 TO STA. 70+50.00

Plot:3/10/2023 1:54:30 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	151 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 25.6 SFT Af = 34.0 SFT
Vc = 45 CYS Vf = 63 CYS

72+00.00

Ac = 23.5 SFT Af = 34.2 SFT
Vc = 73 CYS Vf = 39 CYS

71+50.00

Ac = 55.8 SFT Af = 8.2 SFT
Vc = 73 CYS Vf = 59 CYS

71+00.00

STA. 71+00.00 TO STA. 72+00.00

Plot:3/10/2023 1:54:31 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	152 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 16.9 SFT Vc = 37 CYS

Af = 96.0 SFT Vf = 134 CYS

73+50.00

Ac = 22.7 SFT Vc = 45 CYS

Af = 48.6 SFT Vf = 85 CYS

73+00.00

Ac = 25.4 SFT Vc = 47 CYS

Af = 43.0 SFT Vf = 71 CYS

72+50.00

STA. 72+50.00 TO STA. 73+50.00

Plot:3/10/2023 1:54:32 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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	
	153	of	178
CONTRACT		PROJECT	
R-42163		1901705	

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 13.1 SFT
Vc = 29 CYS

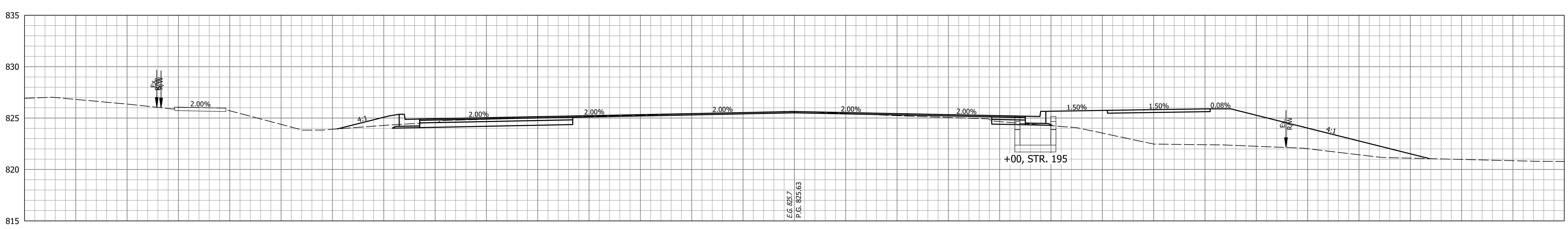
Af = 104.5 SFT
Vf = 171 CYS

75+00.00

Ac = 18.5 SFT
Vc = 32 CYS

Af = 80.5 SFT
Vf = 153 CYS

74+50.00



Ac = 15.8 SFT
Vc = 30 CYS

Af = 85.0 SFT
Vf = 168 CYS

74+00.00

STA. 74+00.00 TO STA. 75+00.00

Plot:3/10/2023 1:54:33 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	154 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

STA. 75+50.00 TO STA. 76+00.00

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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
	155 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:34 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 23.6 SFT Vc = 41 CYS

Af = 24.2 SFT Vf = 57 CYS

77+00.00

Ac = 20.6 SFT Vc = 35 CYS

Af = 37.5 SFT Vf = 133 CYS

76+50.00

STA. 76+50.00 TO STA. 77+00.00

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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
	156 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 24.2 SFT Af = 37.3 SFT
Vc = 39 CYS Vf = 61 CYS

78+00.00

Ac = 17.6 SFT Af = 28.3 SFT
Vc = 38 CYS Vf = 49 CYS

77+50.00

STA. 77+50.00 TO STA. 78+00.00

Plot:3/10/2023 1:54:36 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	157 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 17.8 SFT Vc = 39 CYS

Af = 37.1 SFT Vf = 79 CYS

79+00.00

Ac = 24.4 SFT Vc = 45 CYS

Af = 48.1 SFT Vf = 79 CYS

78+50.00

STA. 78+50.00 TO STA. 79+00.00

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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
	158 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:37 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 12.3 SFT
Vc = 6 CYS

Af = 25.4 SFT
Vf = 9 CYS

80+10.00

Ac = 19.9 SFT
Vc = 37 CYS

Af = 25.2 SFT
Vf = 49 CYS

80+00.00

Ac = 19.8 SFT
Vc = 35 CYS

Af = 27.9 SFT
Vf = 60 CYS

79+50.00

STA. 79+50.00 TO STA. 80+10.00

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RECOMMENDED FOR APPROVAL ______ DESIGN ENGINEER DATE

DESIGNED: BOA | DRAWN: KTH
CHECKED: MJS | CHECKED: MJS

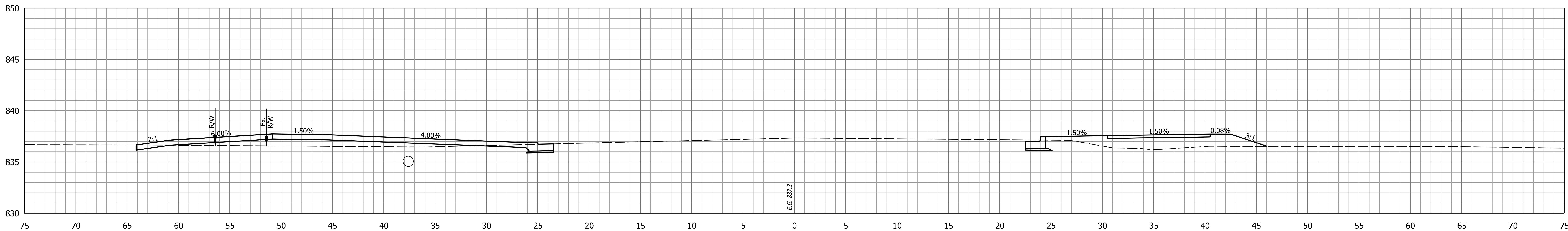
CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	159 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:38 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

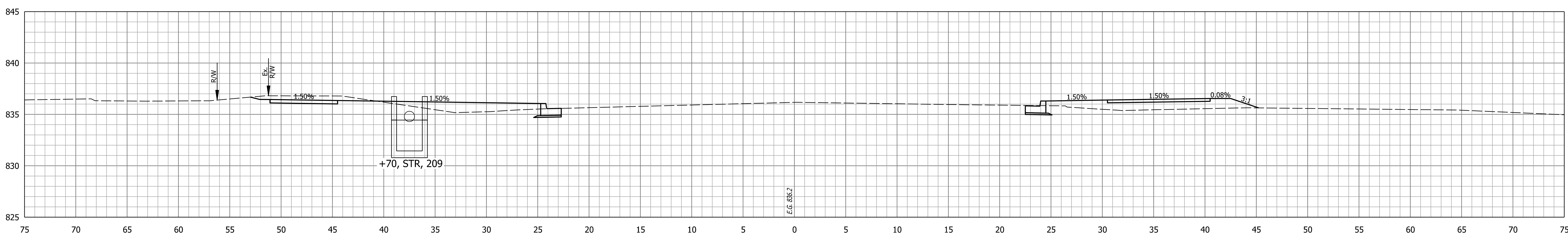
Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn



Ac = 5.7 SFT
Vc = 14 CYS

Af = 30.4 SFT
Vf = 51 CYS

81+00.00



Ac = 9.8 SFT
Vc = 16 CYS

Af = 25.0 SFT
Vf = 37 CYS

80+50.00

STA. 80+50.00 TO STA. 81+00.00

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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
	160 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:39 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 4.0 SFT
Vc = 7 CYS

Af = 50.6 SFT
Vf = 85 CYS

82+00.00

Ac = 3.3 SFT
Vc = 8 CYS

Af = 41.3 SFT
Vf = 66 CYS

81+50.00

STA. 81+50.00 TO STA. 82+00.00

Plot:3/10/2023 1:54:40 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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

CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "PR-A"

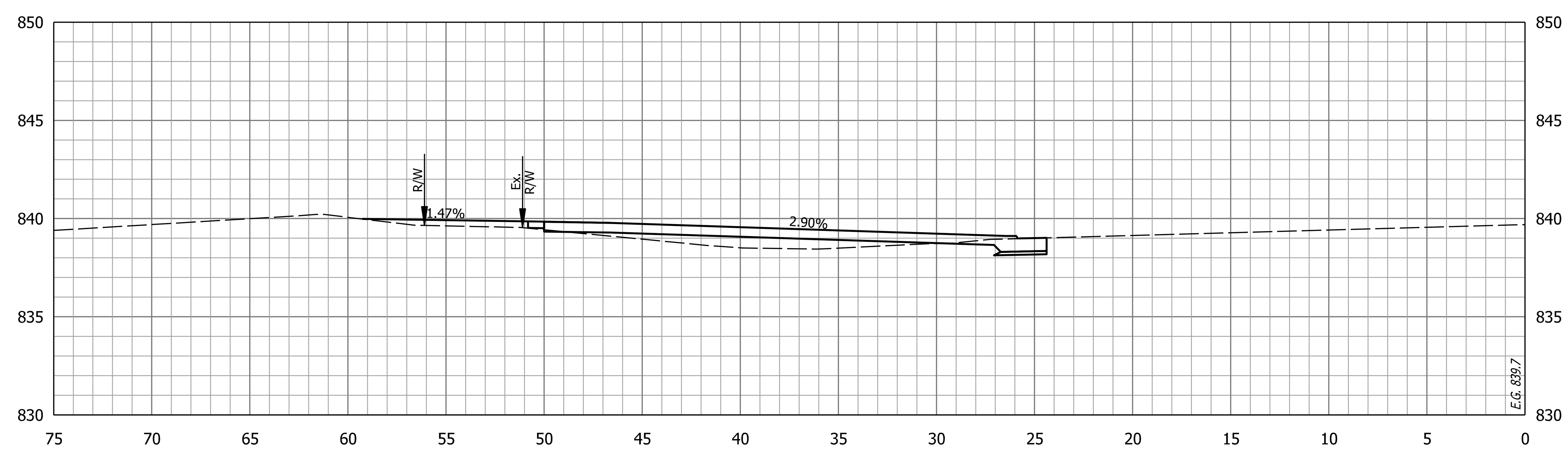
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	161 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 3.2 SFT
Vc = 4 CYS

Af = 42.7 SFT
Vf = 40 CYS

82+50.00



Ac = 2.4 SFT
Vc = 1 CYS

Af = 11.4 SFT
Vf = 11 CYS

82+10.00

STA. 82+10.00 TO STA. 82+50.00

Plot:3/10/2023 1:54:41 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

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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
	162 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 5.0 SFT Af = 128.0 SFT
Vc = 10 CYS Vf = 132 CYS

83+50.00

Ac = 5.2 SFT Af = 14.5 SFT
Vc = 8 CYS Vf = 53 CYS

83+00.00

STA. 83+00.00 TO STA. 83+50.00

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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
	163 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:42 PM By: huynhkt Pen: Transportation.tbl Model:Stage 2 XSs

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_PH 2.dgn

Ac = 54.3 SFT Vc = 119 CYS

Af = 36.1 SFT Vf = 47 CYS

11+00.00

Ac = 74.0 SFT Vc = 15 CYS

Af = 14.2 SFT Vf = 4 CYS

10+50.00

Ac = 88.5 SFT Vc = 0 CYS

Af = 24.8 SFT Vf = 0 CYS

10+45.00

STA. 10+45.00 TO STA. 11+00.00

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RECOMMENDED FOR APPROVAL ______ DESIGN ENGINEER DATE

DESIGNED: BOA DRAWN: KTH

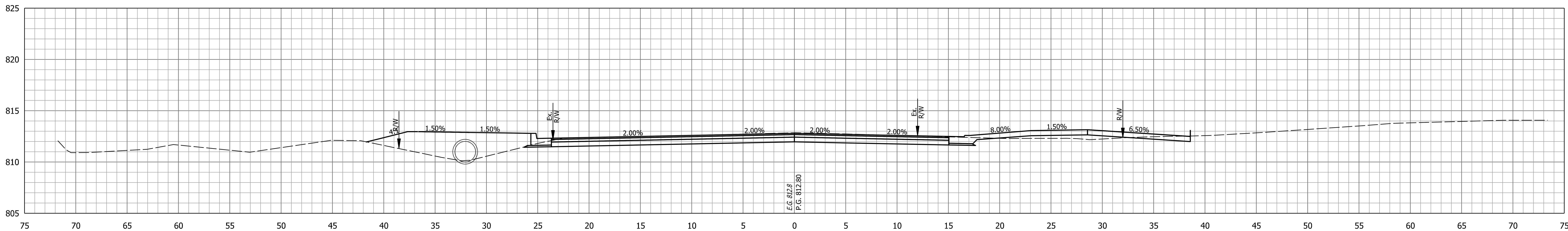
CHECKED: MJS CHECKED: MJS

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
	164 of 178
CONTRACT	PROJECT
R-42163	1901705

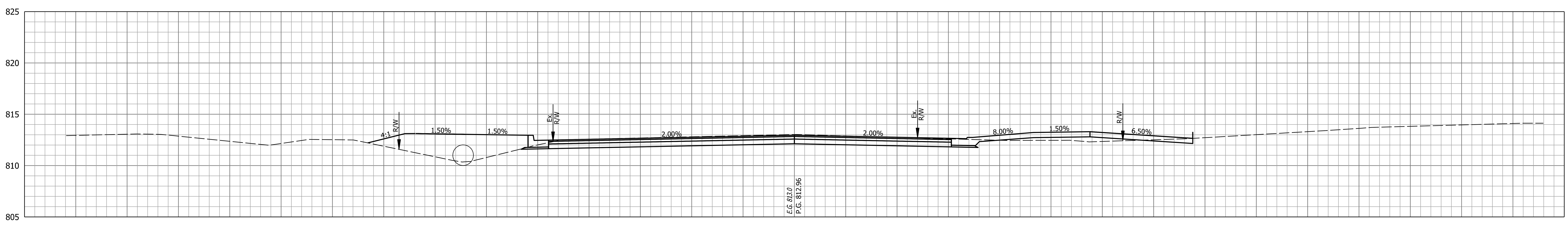
Plot:3/10/2023 1:54:47 PM By: huynhkt Pen: Transportation.tbl Model:E State (Line S-1-A)



Ac = 35.6 SFT
Vc = 7 CYS

Af = 31.8 SFT
Vf = 6 CYS

11+55.00



Ac = 37.9 SFT
Vc = 85 CYS

Af = 31.6 SFT
Vf = 63 CYS

11+50.00

STA. 11+50.00 TO STA. 11+55.00

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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
	165 of 178
CONTRACT	PROJECT
R-42163	1901705

Ac = 32.5 SFT
Vc = 18 CYS

Af = 50.7 SFT
Vf = 21 CYS

11+69.00

STA. 11+69.00 TO STA. 11+69.00

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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
	166 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:49 PM By: huynhkt Pen: Transportation.tbl Model:E State (Line S-1-A)

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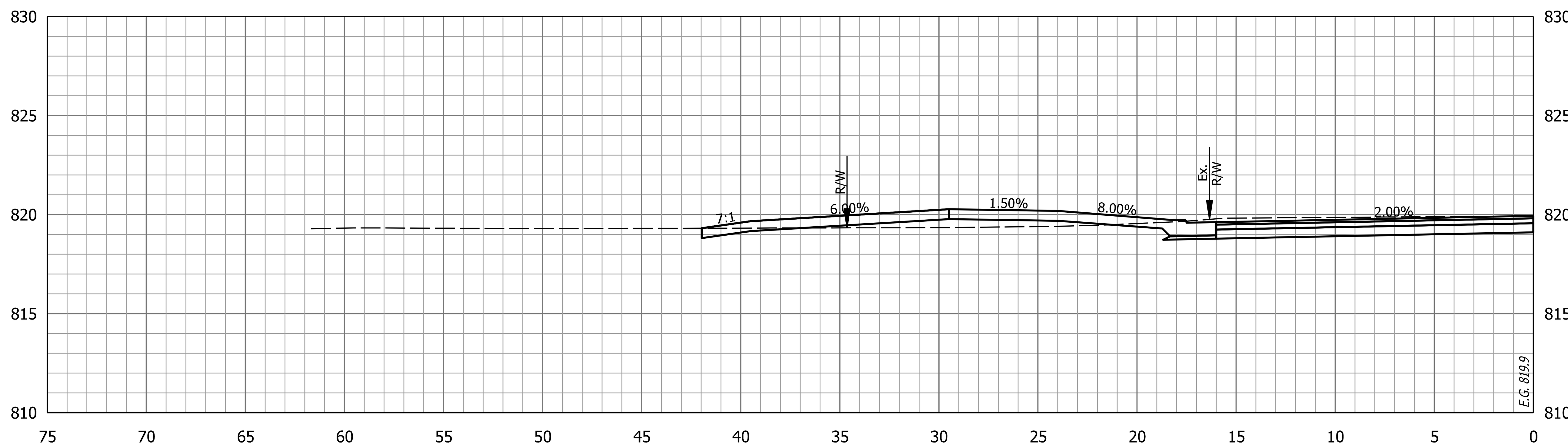

Ac = 18.6 SFT Af = 3.9 SFT
Vc = 53 CYS Vf = 31 CYS

6+41.00

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

6+00.00

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

5+64.00

Plot:3/10/2023 1:54:51 PM By: huynhkt Pen: Transportation.tbl Model:W State (Line S-2-A)

STA. 5+64.00 TO STA. 6+41.00

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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
	167 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn

Ac = 70.4 SFT Af = 19.2 SFT
Vc = 100 CYS Vf = 46 CYS

7+00.00

Ac = 37.5 SFT Af = 30.0 SFT
Vc = 9 CYS Vf = 6 CYS

6+50.00

STA. 6+50.00 TO STA. 7+00.00

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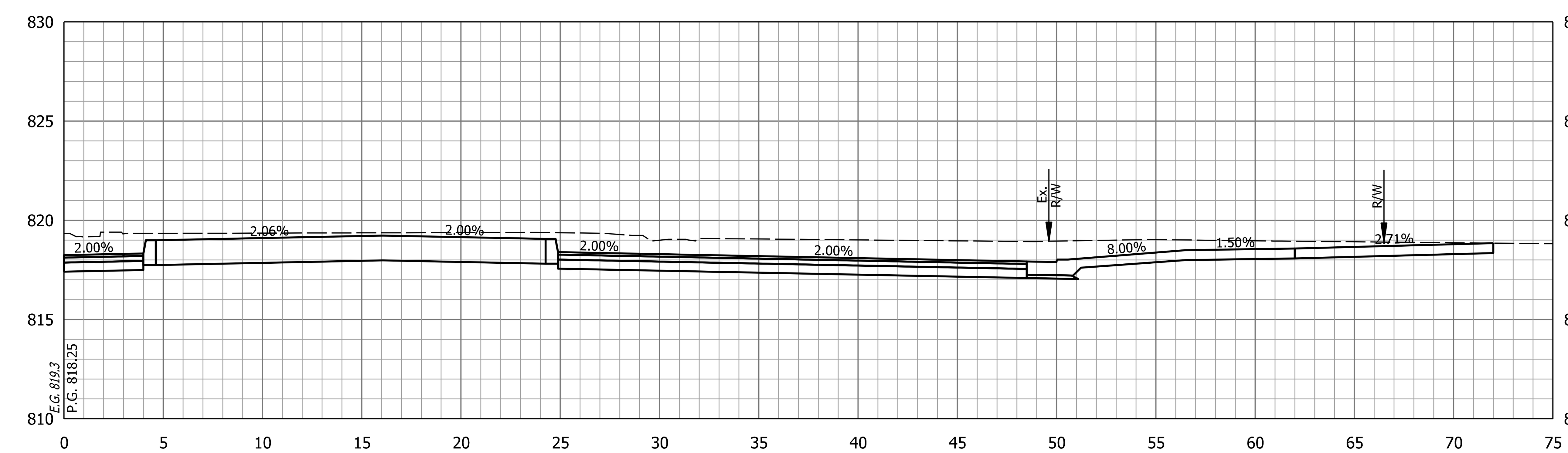
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	
DESIGNED: BOA	DRAWN: KTH		
CHECKED: MJS	CHECKED: MJS		

CITY OF FORT WAYNE
INDIANA

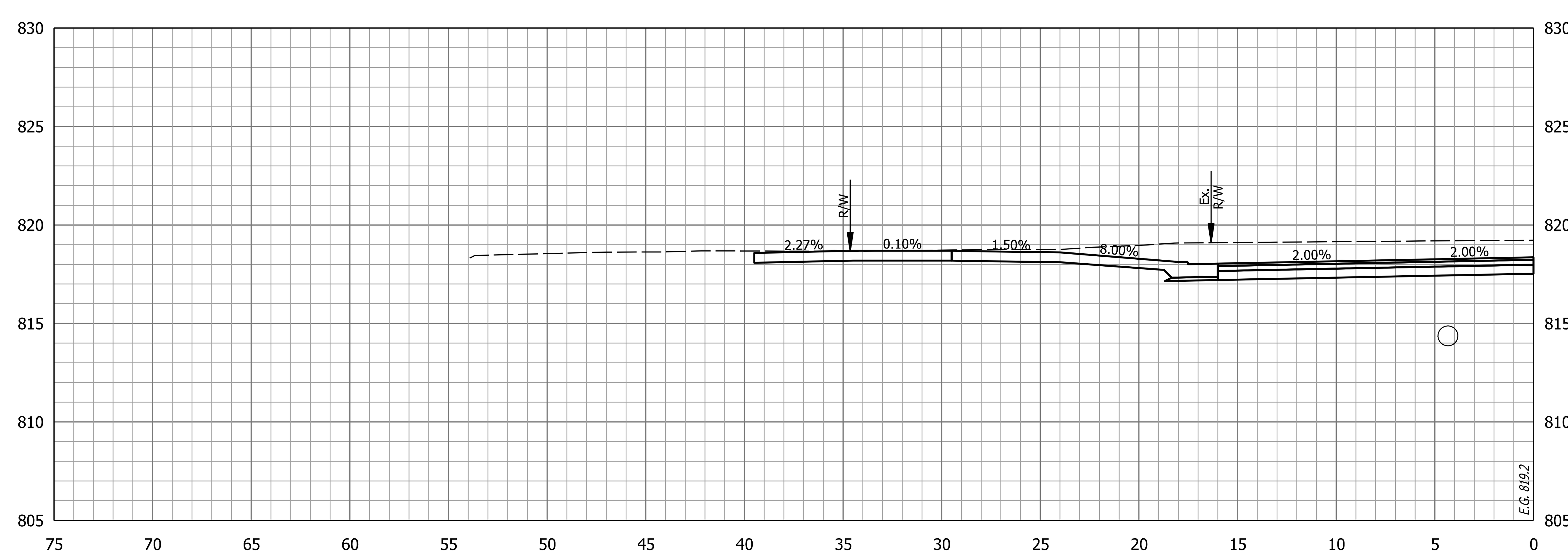
CROSS SECTIONS
LINE "S-2-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	168 of 178
CONTRACT	PROJECT
R-42163	1901705



Ac = 103.0 SFT Af = 0.0 SFT
Vc = 14 CYS Vf = 0 CYS

7+40.00



Ac = 47.6 SFT Af = 0.0 SFT
Vc = 76 CYS Vf = 12 CYS

7+35.00

STA. 7+35.00 TO STA. 7+40.00

Plot:3/10/2023 1:54:52 PM By: huynhkt Pen: Transportation.tbl Model:W State (Line S-2-A)

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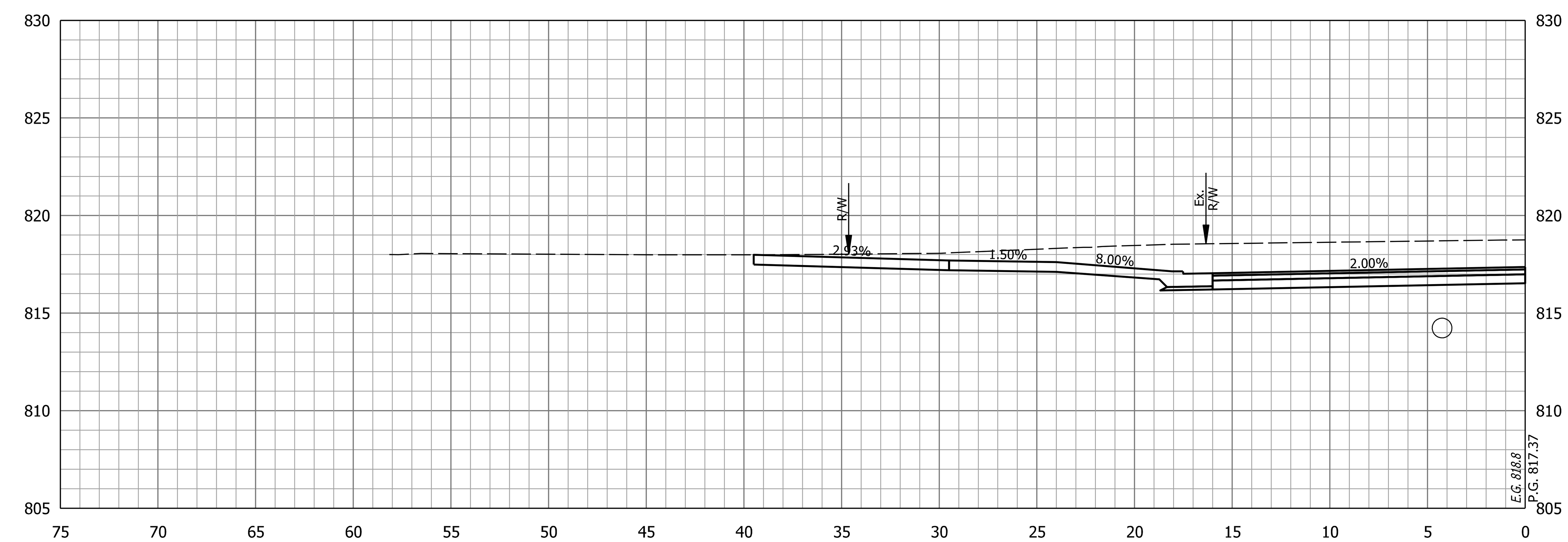
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	CITY OF FORT WAYNE INDIANA
DESIGNED: BOA	DRAWN: KTH		CROSS SECTIONS LINE "S-2-A"
CHECKED: MJS	CHECKED: MJS		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	169 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn



Ac = 63.3 SFT Af = 0.0 SFT
Vc = 107 CYS Vf = 1 CYS

7+80.00

Ac = 128.5 SFT Af = 1.4 SFT
Vc = 43 CYS Vf = 0 CYS

7+50.00

STA. 7+50.00 TO STA. 7+80.00

Plot:3/10/2023 1:54:53 PM By: huynhkt Pen: Transportation.tbl Model:W State (Line S-2-A)

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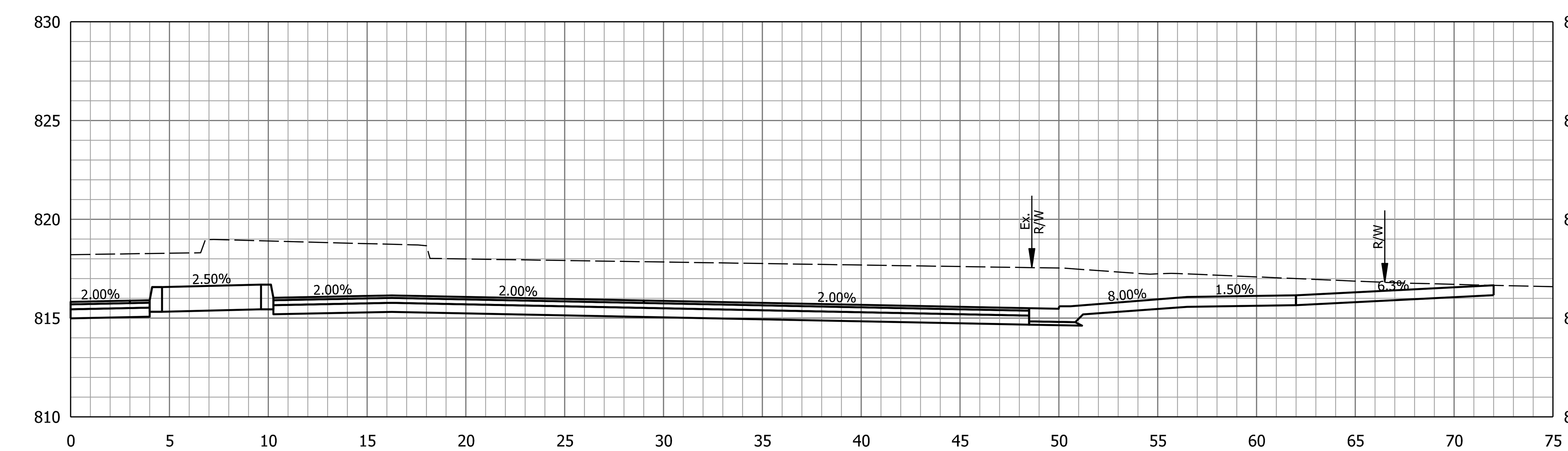
RECOMMENDED FOR APPROVAL ____ DESIGN ENGINEER DATE

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
	170 of 178
CONTRACT	PROJECT
R-42163	1901705



Ac = 154.1 SFT Af = 0.0 SFT
Vc = 313 CYS Vf = 0 CYS

8+50.00

Ac = 183.6 SFT Af = 0.2 SFT
Vc = 91 CYS Vf = 0 CYS

8+00.00

STA. 8+00.00 TO STA. 8+50.00

Plot:3/10/2023 1:54:54 PM By: huynhkt Pen: Transportation.tbl Model:W State (Line S-2-A)

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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
	171 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn

Ac = 40.4 SFT Af = 89.8 SFT
Vc = 296 CYS Vf = 81 CYS

9+48.50

Ac = 289.4 SFT Af = 0.0 SFT
Vc = 411 CYS Vf = 0 CYS

9+00.00

STA. 9+00.00 TO STA. 9+48.50

Plot:3/10/2023 1:54:54 PM By: huynhkt Pen: Transportation.tbl Model:W State (Line S-2-A)

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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
	172 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn

Ac = 71.0 SFT Af = 37.3 SFT
Vc = 109 CYS Vf = 92 CYS

7+00.00

Ac = 46.6 SFT Af = 61.6 SFT
Vc = 76 CYS Vf = 113 CYS

6+50.00

Ac = 35.2 SFT Af = 60.1 SFT
Vc = 0 CYS Vf = 0 CYS

6+00.00

STA. 6+00.00 TO STA. 7+00.00

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RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BOA DRAWN: KTH
CHECKED: MJS CHECKED: MJS

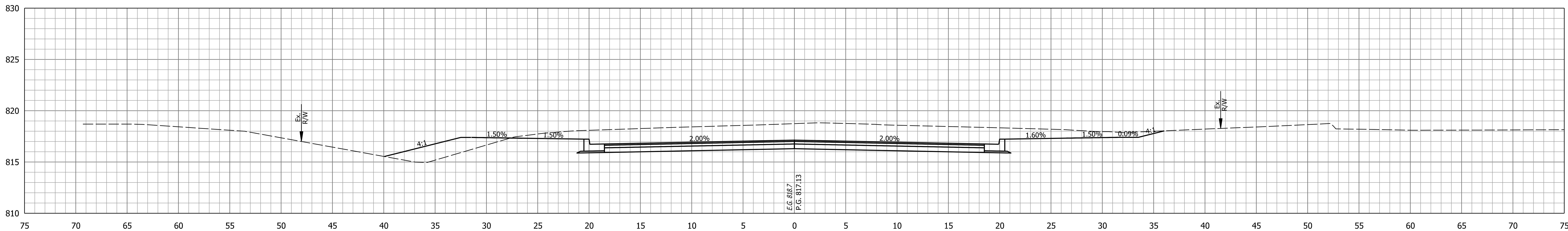
CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-5-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	173 of 178
CONTRACT	PROJECT
R-42163	1901705

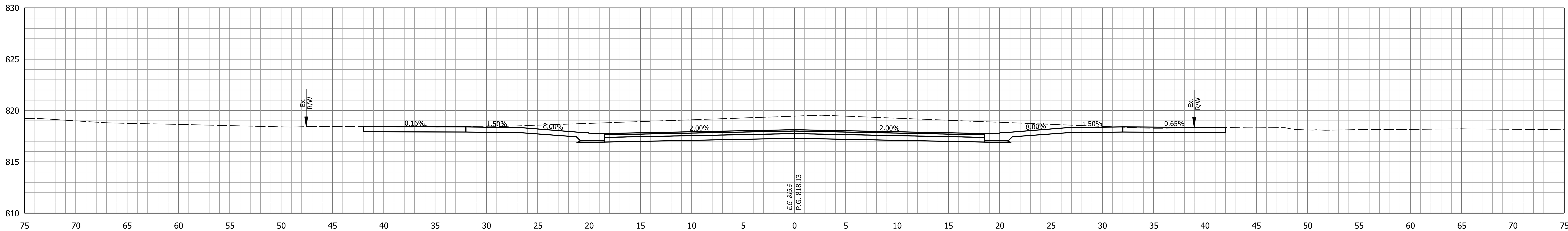
Plot:3/10/2023 1:54:56 PM By: huynhkt Pen: Transportation.tbl Model:W Butler Line (S-5-A)

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn



Ac = 113.1 SFT   Af = 12.3 SFT
Vc = 211 CYS   Vf = 11 CYS

8+00.00



Ac = 114.3 SFT   Af = 0.0 SFT
Vc = 172 CYS   Vf = 35 CYS

7+50.00

STA. 7+50.00 TO STA. 8+00.00

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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	CITY OF FORT WAYNE INDIANA	HORIZONTAL SCALE 1" = 5' / VERTICAL SCALE 1" = 5' / BRIDGE FILE / DESIGNATION 1901705
DESIGNED: BOA	DRAWN: KTH		CROSS SECTIONS LINE "S-5-A"	SURVEY BOOK / SHEETS 174 of 178
CHECKED: MJS	CHECKED: MJS			CONTRACT R-42163 / PROJECT 1901705

Plot:3/10/2023 1:54:57 PM By: huynhkt Pen: Transportation.tbl Model:W Butler Line (S-5-A)

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn

Ac = 129.6 SFT
Vc = 231 CYS

Af = 0.3 SFT
Vf = 3 CYS

9+00.00

Ac = 120.2 SFT
Vc = 216 CYS

Af = 3.2 SFT
Vf = 14 CYS

8+50.00

STA. 8+50.00 TO STA. 9+00.00

Plot:3/10/2023 1:54:58 PM By: huynhkt Pen: Transportation.tbl Model:W Butler Line (S-5-A)

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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	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	175 of 178
CONTRACT	PROJECT
R-42163	1901705

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn

Ac = 103.6 SFT
Vc = 8 CYS

Af = 76.4 SFT
Vf = 5 CYS

9+52.00

Ac = 104.9 SFT
Vc = 217 CYS

Af = 58.5 SFT
Vf = 54 CYS

9+50.00

STA. 9+50.00 TO STA. 9+52.00

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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	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	176 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:54:59 PM By: huynhkt Pen: Transportation.tbl Model:W Butler Line (S-5-A)

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn

STA. 10+50.50 TO STA. 11+00.00

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

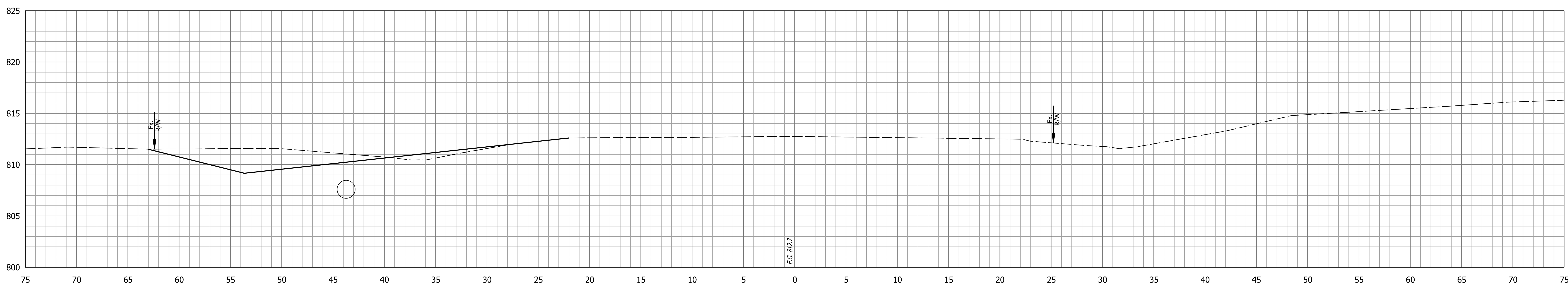
CITY OF FORT WAYNE
INDIANA

CROSS SECTIONS
LINE "S-6-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1901705
SURVEY BOOK	SHEETS
	177 of 178
CONTRACT	PROJECT
R-42163	1901705

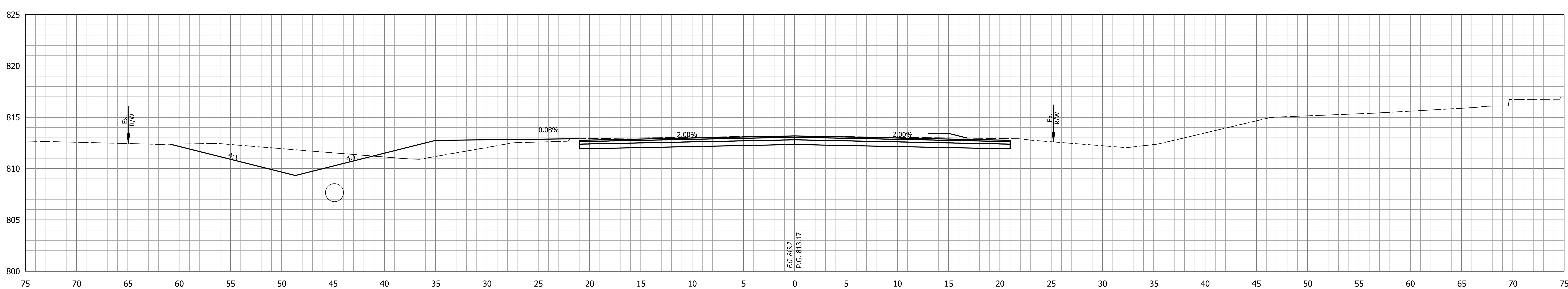
Plot:3/10/2023 1:55:00 PM By: huynhkt Pen: Transportation.tbl Model:E Butler Line (S-6-A)

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn



Ac =30.0 SFT Af = 3.7 SFT
Vc = 90 CYS Vf = 33 CYS

11+70.00



Ac = 67.6 SFT Af = 32.3 SFT
Vc = 95 CYS Vf = 109 CYS

11+50.00

STA. 11+50.00 TO STA. 11+70.00

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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
	178 of 178
CONTRACT	PROJECT
R-42163	1901705

Plot:3/10/2023 1:55:01 PM By: huynhkt Pen: Transportation.tbl Model:E Butler Line (S-6-A)

Z:\Infra\2019\D191224.00 - FTW Hillegas Rd Col to St\CAD\BCAD\Production Drawings\D191224.00 - Cross Sections_Approaches.dgn