PROJECT	DESIGNATION
1802938	1802938
CONTRACT	BRIDGE FILE
R-41988	N/A

KIN DESIGNATION NUMBERS	
DES. NO.	DESCRIPTION
2100095	236TH STREET ROADWAY BRIDGE OVER HINKLE CREEK
2100096	236TH STREET PEDESTRIAN BRIDGE OVER HINKLE CREEK

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

PROJECT NO. 1802938 P.E.
PROJECT NO. 1802938 R/W
PROJECT NO. 1802938 CONST.

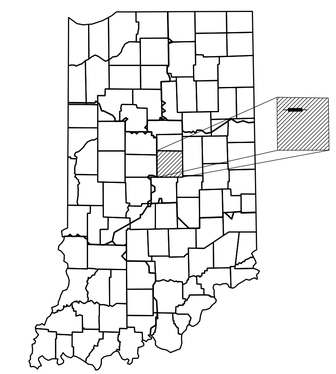
NEW ROADWAY CONSTRUCTION ALONG 236TH STREET
FROM APPROX. 0.27 MILES EAST OF US 31 TO APPROX. 98 FEET WEST OF DEMING ROAD, IN
SECTION 5 AND 6, T-19-N, R-4-E AND SECTION 31 AND 32, T-20-N, R-4E, IN
JACKSON TOWNSHIP, HAMILTON COUNTY, INDIANA

Gross Length: 1.23 MI.
Net Length: 1.21 MI.
Maximum Grade: 3.76 %

TRAFFIC DATA	236th STREET (LINE "PR-A")
A.A.D.T. (2025)	6080 V.P.D.
A.A.D.T. (2045)	8012 V.P.D.
D.H.V (2045)	802 V.P.H.
DIRECTIONAL DISTRIBUTION	50.0%
TRUCKS	3.0% A.A.D.T.
	3.0% D.H.V.

DESIGN DATA	
DESIGN SPEED	50 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL AGENCY COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

* SEE INDEX SHEET FOR S-LINE TRAFFIC AND DESIGN DATA.



PROJECT LOCATION SHOWN BY
HAMILTON COUNTY

LATITUDE: 40° 07' 55"N LONGITUDE: 86° 06' 32"W

BOARD OF COMMISSIONERS

APPROVED: DATE_____

CHRISTINE ALTMAN COMMISSIONER

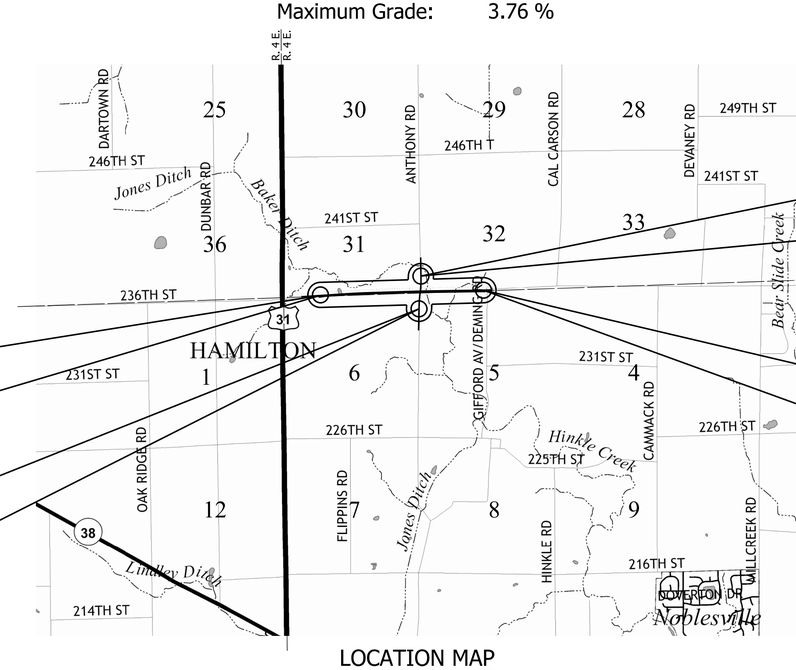
MARK HEIRBRANDT PRESIDENT

STEVE DILLINGER VICE PRESIDENT

ATTEST:

ROBIN MILLS AUDITOR

JOEL THURMAN, P.E. ERC-COUNTY HIGHWAY ENGINEER



1" = 3000'

END CONSTRUCTION
P.O.T STA. 31+50.00, LINE "PR-S-1"

BEGIN PROJECT 1802938
P.O.T STA. 17+19.58, LINE "PR-A"

END PROJECT 1802938
P.O.T STA. 82+19.28, LINE "PR-A"

BEGIN CONSTRUCTION
P.O.T STA. 18+50.00, LINE "PR-S-1"

LOCATION MAP
JACKSON TOWNSHIP
HAMILTON COUNTY

Preliminary Plans
10/7/2022

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

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:25:49 PM

Drawing Copyright © 2021

CHA
Union Station, 300 S. Meridian St.
Indianapolis, IN 46225
Main: (317) 786-0461 • www.chacompanies.com

PLANS PREPARED BY: CHA Consulting, Inc. 317.786.0461 PHONE NUMBER

CERTIFIED BY: _____ DATE

APPROVED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

BRIDGE FILE	
DESIGNATION	
1802938	

SURVEY BOOK	SHEETS		
	1	of	103
CONTRACT	PROJECT		
R-41988	1802938		

UTILITIES

ELECTRIC	VECTREN - DISTRIBUTION Shawn Williams Noblesville, IN 46061 O: 317-776-5574 C: 317-790-8475 shawn.wiliams@centerpointenergy.com	VECTREN - TRANSMISSION Barry Knowles 1 North Main Street Evansville, IN 47711 O: 812-491-5558 C: 812-431-5670 barry.knowles@centerpointenergy.com
	DUKE - DISTRIBUTION Austin Brown O: 248-926-3517 austin.brown@leidos.com	
	FRANKFORT MUNICIPAL UTILITIES Daniel Davis 1000 Washington Avenue Frankfort, IN 46041 O: 765-659-6704	
COMMUNICATIONS	FRONTIER COMMUNICATIONS Steve Costlow 20905 Hague Road Noblesville, IN 46062 O: 317-984-9010 steve.costlow@ftr.com	
	AT&T COMMUNICATIONS Maurice Douglas 116 East Taylor Street Kokomo, IN 46901 W: 765-454-4054 md3158@att.com	
WATER	FRANKFORT MUNICIPAL UTILITIES Chris Hensley chensley@fmu-in.com 2105 West Armstrong Road Frankfort, IN 46041 O: 765-654-5556 C: 765-404-8013	
WASTEWATER	FRANKFORT MUNICIPAL UTILITIES Mike Beck mbeck@fmu-in.com 45 West County Road 100N Frankfort, IN 46041 O: 765-659-6725 C: 765-650-1225	
SANITARY SEWER	FRANKFORT MUNICIPAL UTILITIES Mike Beck mbeck@fmu-in.com 45 West County Road 100N Frankfort, IN 46041 O: 765-659-6725 C: 765-650-1225	

NOTE: The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either active or inactive. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

GENERAL NOTES

ALL EARTH SHOULDERS, MEDIAN AREA, CUT AND FILL SLOPES SHALL BE PLAIN OR MULCHED SEEDED EXCEPT WHERE SODDING IS SPECIFIED.

REVISIONS

SHEET NO.	DATE	REVISION

INDEX

SHEET NO.	DESCRIPTION
1	TITLE
2	INDEX SHEET
3 - 4	TYPICAL CROSS SECTIONS
5	MISCELLANEOUS DETAILS
6 - 11	LOCATION CONTROL ROUTE SURVEY
12	PLAT NO. 1
13	GEOMETRIC TIE-UP
14	MAINTENANCE OF TRAFFIC - DETOUR PLAN
15 - 19	PLAN AND PROFILE - LINE "PR-A"
20	PLAN AND PROFILE - LINE "PR-S-1"
21 - 25	PLAN AND PROFILE - LINE "PR-TR"
26 - 27	SUPERELEVATION DETAILS
28 - 42	CONSTRUCTION DETAILS
43	INTERSECTION SPOT ELEVATION DETAILS
44	CURB RAMP DETAILS
45 - 51	STRUCTURE DATA TABLES
52 - 95	CROSS SECTIONS
96 - 103	DRIVE PROFILES

TRAFFIC DATA	ANTHONY ROAD (LINE "PR-S-1")
A.A.D.T. (2025)	503 V.P.D.
A.A.D.T. (2045)	663 V.P.D.
D.H.V (2045)	67 V.P.H.
DIRECTIONAL DISTRIBUTION	50.0%
TRUCKS	3.0% A.A.D.T.
	3.0% D.H.V.

DESIGN DATA	
DESIGN SPEED	55 M.P.H.
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION - 4R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	RURAL COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

NOTES:

This set of plans shall not be construed to be a property replacement survey. Where apparent property lines, owners, or section corner information is shown it is based upon physical evidence or testimony.

The topography information for this project was supplied by a ground survey performed by CERTIFIED ENGINEERING, INC. in April, 2020. Attempts have been made to periodically update portions of this project. However, the design consultant does not warrant the accuracy of this data and advises the contractor to field verify all information.

Indiana811
Know what's below. Call before you dig.
CALL TWO WORKING DAYS BEFORE YOU DIG
Call 811 or 800-382-5544

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX SHEET

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1802938
SURVEY BOOK	SHEETS 2 of 103
CONTRACT R-41988	PROJECT 1802938

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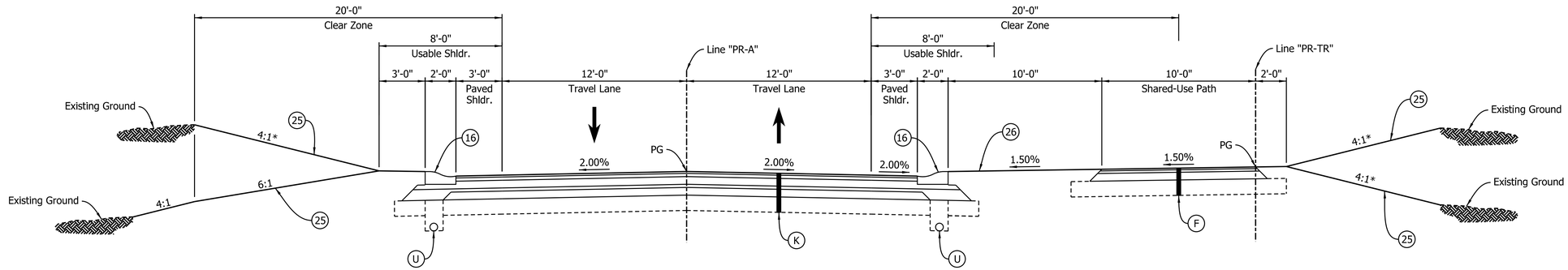
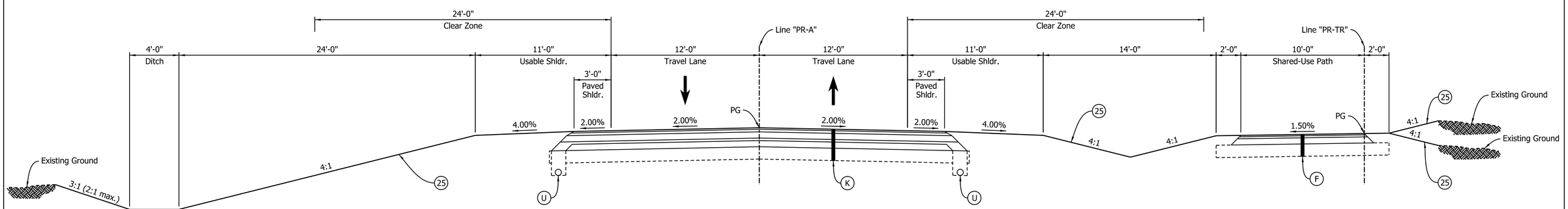


236TH STREET TYPICAL SECTION

Sta. 17+19.58 "PR-A" to Sta. 57+16.28 "PR-A"

* See Grading Table on Miscellaneous Details Sheet



236TH STREET TYPICAL SECTION

Sta. 57+16.28 "PR-A" to Sta. 82+19.28 "PR-A"

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LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(U) Pipe, Type 4, Circular, 6"

(25) Seed Mixture, R

(16) Curb and Gutter, Roll Curb

(26) Sodding

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

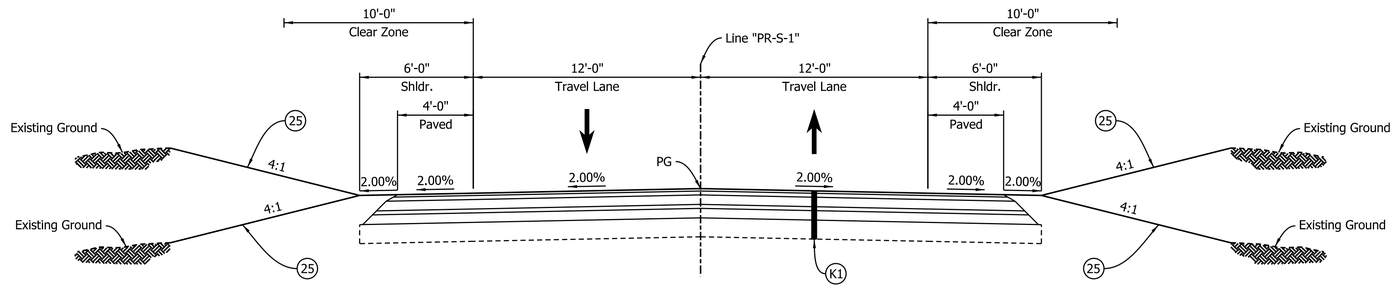
DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

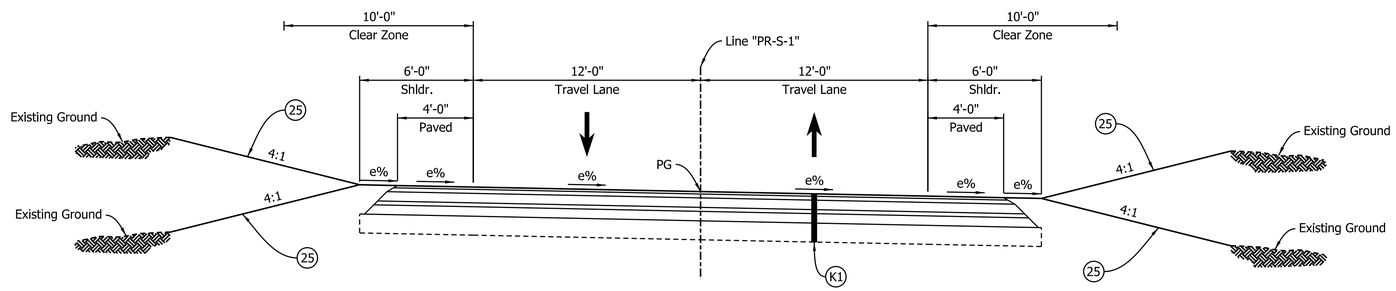
TYPICAL CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1802938
SURVEY BOOK	SHEETS
	3 of 103
CONTRACT	PROJECT
R-41988	1802938



ANTHONY ROAD TYPICAL SECTION

Sta. 18+50.00 "PR-S-1" to Sta. 31+50.00 "PR-S-1"



ANTHONY ROAD SUPERELEVATION TYPICAL SECTION

Sta. 18+50.00 "PR-S-1" to Sta. 31+50.00 "PR-S-1"

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(U) Pipe, Type 4, Circular, 6"

(25) Seed Mixture, R

(16) Curb and Gutter, Roll Curb

(26) Sodding

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1802938
SURVEY BOOK	SHEETS
	4 of 103
CONTRACT	PROJECT
R-41988	1802938

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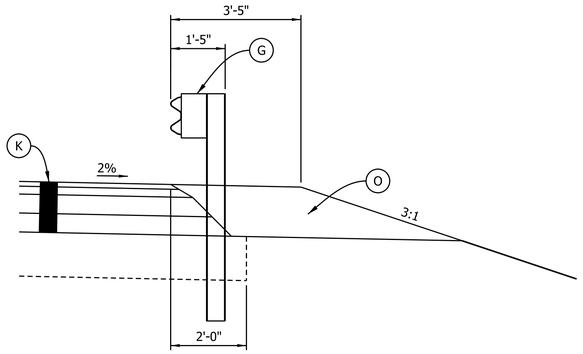
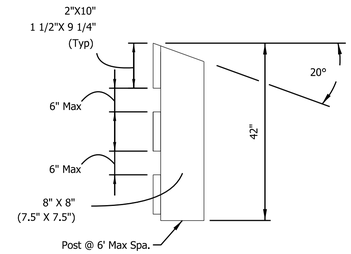


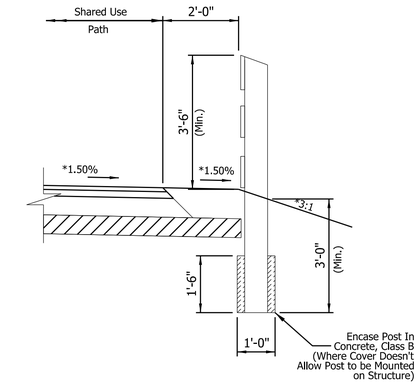
GUARDRAIL SECTION

Scale: 1" = 1'-0"



FENCE, RAIL, WOOD, 42"

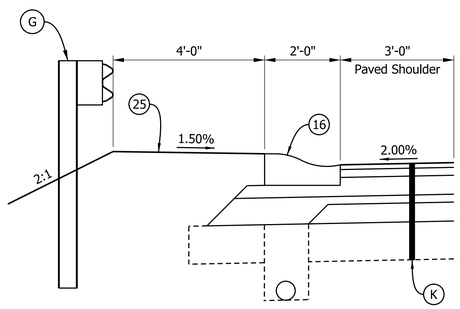
Not To Scale



FENCE, RAIL, WOOD, 42"

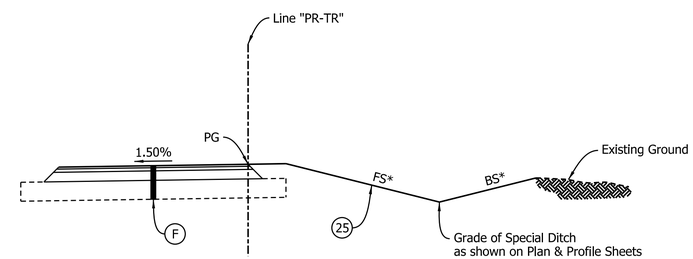
Not To Scale

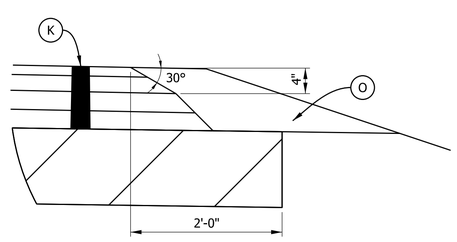
Sta. 49+79.08 "PR-TR" to Sta. 49+98.20 "PR-TR"
Sta. 50+54.72 "PR-TR" to Sta. 52+50.16 "PR-TR"
Sta. 53+44.16 "PR-TR" to Sta. 56+53.79 "PR-TR"



GUARDRAIL BEHIND CURB SECTION

Scale: 1" = 1'-0"





SAFETY EDGE DETAIL

Scale: 1" = 1'-0"

GRADING SLOPES

LOCATION						
FROM STATION	TO STATION	LEFT	RIGHT	DITCH FORE SLOPE (FS)	DITCH WIDTH (W)	DITCH BACK SLOPE (BS)
LINE "PR-A"						
27+25.00	29+00.00	X		3:1	N/A	N/A
LINE "PR-TR"						
18+50.00	26+75.00		X	3:1	N/A	N/A
42+25.00	44+25.00		X	3:1	N/A	N/A
44+25.00	44+50.00		X	3:1 to 4:1	N/A	N/A
45+43.08	49+78.86		X	3:1	N/A	3:1
50+74.41	52+91.47		X	3:1	10	3:1
53+22.28	56+53.79		X	3:1	10	3:1

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TIME PLOTTED: 3:26:01 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

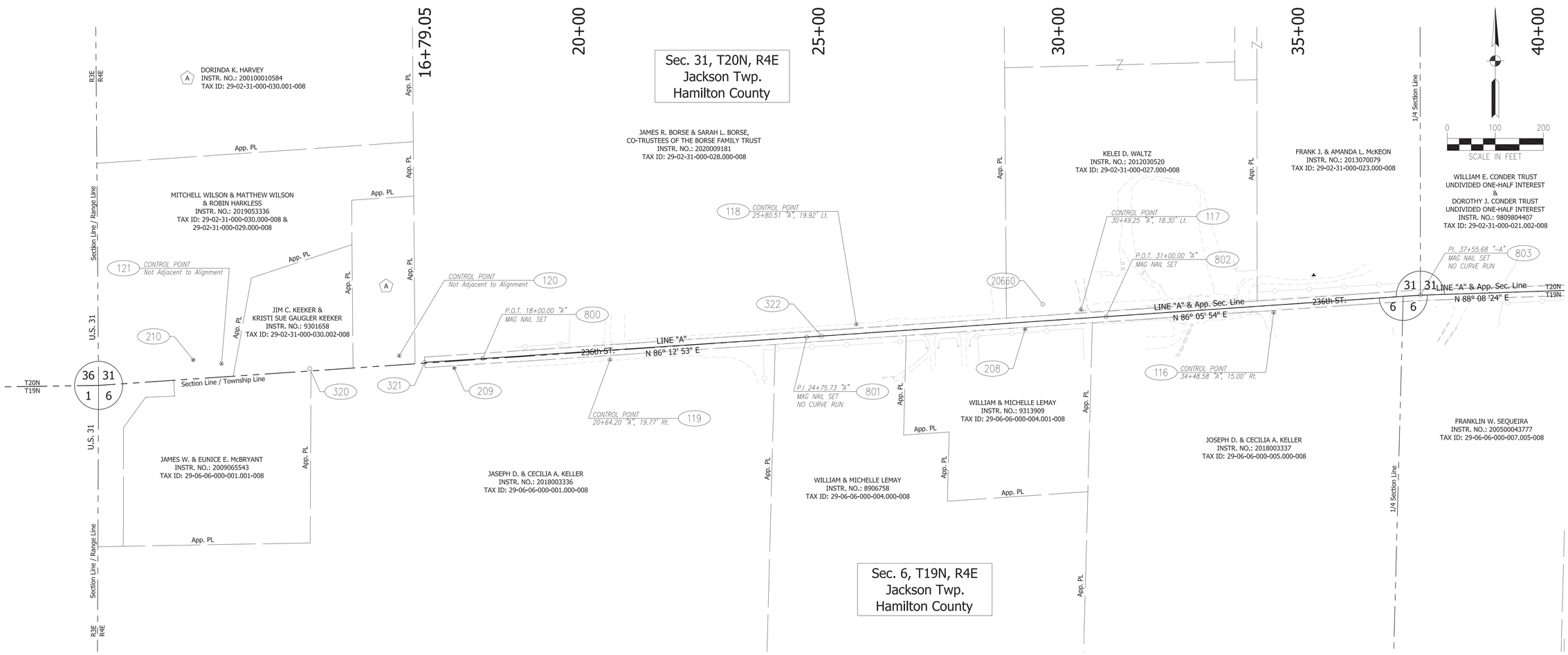
DESIGNED: _____ DRAWN: _____

CHECKED: _____ CHECKED: _____

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

HORIZONTAL SCALE	BRIDGE FILE
As Noted	
VERTICAL SCALE	DESIGNATION
As Noted	1802938
SURVEY BOOK	SHEETS
	5 of 103
CONTRACT	PROJECT
R-41988	1802938



COORDINATE TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	STATION	OFFSET	DESCRIPTION
116	202481.3147	754059.6837	40°07'53.53459"N	86°07'09.22189"W	34+48.58 "A"	15.00' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
117	202487.3597	753659.0197	40°07'53.58898"N	86°07'14.38012"W	30+49.25 "A"	18.30' Lt.	M.A.G. Nail Set
118	202457.0817	753191.2557	40°07'53.28346"N	86°07'20.40154"W	25+80.51 "A"	19.92' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
119	202383.0306	752678.6845	40°07'52.54469"N	86°07'26.99901"W	20+64.13 "A"	19.92' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
120	202391.5876	752239.9078	40°07'52.62315"N	86°07'32.64792"W	N/A	N/A	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
121	202374.9916	751870.5140	40°07'52.45396"N	86°07'37.40315"W	N/A	N/A	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
320	202364.5316	752054.0814	40°07'52.35319"N	86°07'35.03974"W	N/A	N/A	M.A.G. Nail w/ Washer "SEAGROUP" Found
321	202377.5340	752293.0506	40°07'52.48502"N	86°07'31.96351"W	N/A	N/A	Road Nail Found
322	202432.1514	753118.9157	40°07'53.03612"N	86°07'21.33240"W	N/A	N/A	M.A.G. Nail w/ Washer "ETICA" Found
800	202385.4691	752413.8163	40°07'52.56512"N	86°07'30.40894"W	POT 18+00 "A"	N/A	M.A.G. Nail Set
801	202430.0800	753088.0692	40°07'53.01523"N	86°07'21.72948"W	PI 24+75.73 "A"	N/A	M.A.G. Nail Set
802	202472.5586	753710.8952	40°07'53.44342"N	86°07'13.71202"W	POT 31+00 "A"	N/A	M.A.G. Nail Set
803	202517.1744	754365.0564	40°07'53.89298"N	86°07'05.29115"W	PI 37+55.68 "A"	N/A	M.A.G. Nail Set
20660	202498.3975	753579.4419	40°07'53.69699"N	86°07'15.40479"W	29+70.61 "A"	34.72' Lt.	Wood 4x4 Post

BENCHMARK TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	ELEVATION	STATION	OFFSET	DESCRIPTION
208	202446.3810	753542.4140	40°07'53.18247"N	86°07'15.88057"W	904.19	29+30.13 "A"	14.65' Rt.	TBM#12 – MAG nail set 1" up in PwP No# located 15' S & 123' W
								of centerline of E 236th St & Concrete Dr to address 2398 E 236th St.
209	202365.8800	752354.7240	40°07'52.37072"N	86°07'31.16933"W	905.72	17+39.75 "A"	15.65' Rt.	TBM#13 – MAG nail set 1" up in PwP No# located approximately 15' S & 88' E
								of centerline of E 236th St & Gravel Dr (East) to Address 1798 E 236th St.
210	202382.5560	751811.5960	40°07'52.52788"N	86°07'38.16180"W	902.82	N/A	N/A	TBM#14 – MAG nail set 1" up in PwP No# located approximately 24' N & 36' W
								of centerline of E 236th St & Gravel Dr to address 1756 E 236th St.

RIGHT-OF-WAY NOTE:

The existing right-of-way lines, parcel ownership lines, and ownership information shown on this survey are preliminary and subject to change based on verification / validation of title. This information is shown only to help orient the user of this survey as it relates to project centerlines and is not intended to establish existing right-of-way lines and ownership lines. The source used to plot existing right-of-way lines and ownership lines on this survey is from last deed of record obtained from the Hamilton County Recorder's Office as well as other sources cited on this survey. The designer / consultant responsible for Right-of-Way Engineering will complete the final determination of this information.

EASEMENT NOTE:

Locations of any easements are based on last deed of record available at the Hamilton County Recorder's Office. These deed records were found during initial research, and in no way represent all possible easements that could be recovered by a title search.

CERTIFIED ENGINEERING JOB NO. 20125

SURVEY STARTED		
MARCH 2020		
SURVEY COMPLETED		
APRIL 2020		
LCRS SHEETS		
1	of	6

CERTIFIED engineering

3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

AARON T. FATELEY REGISTERED No. 20700097 STATE OF INDIANA LAND SURVEYOR

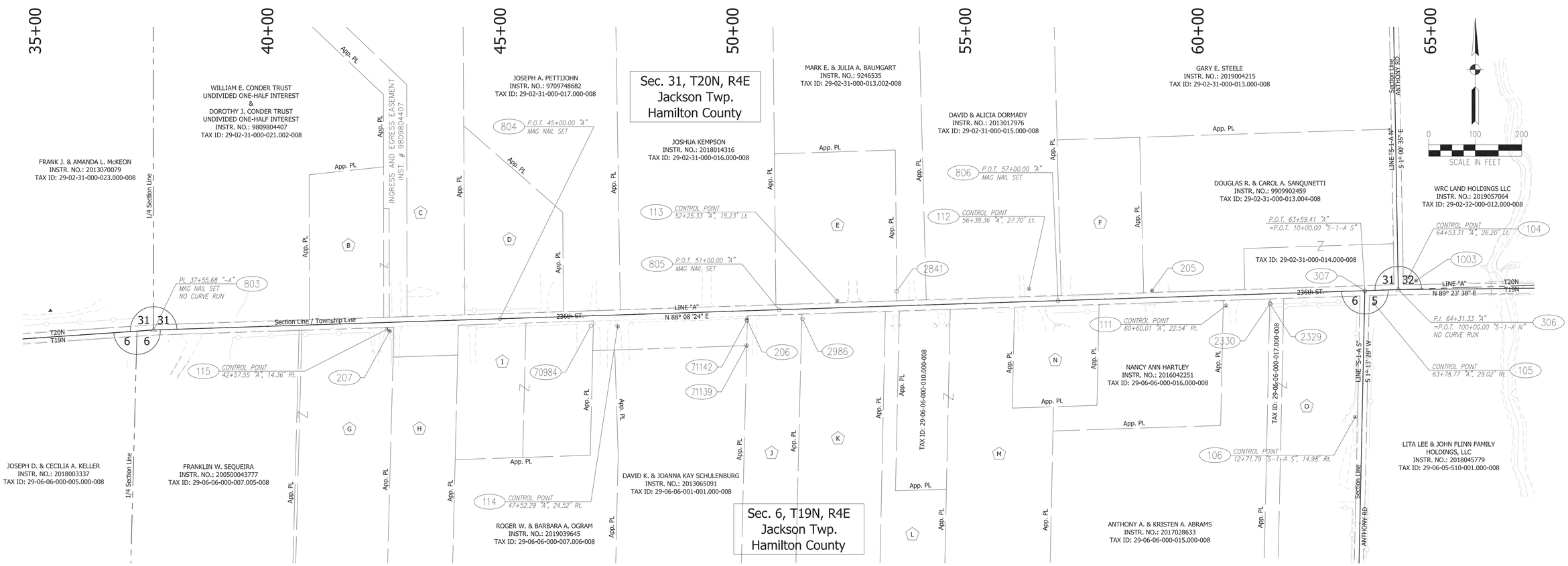
PREPARED BY: AARON T. FATELEY — 04-22-2020 DATE

RECOMMENDED FOR APPROVAL: REGISTERED LAND SURVEYOR, FIELD — 04-22-2020 DATE

HAMILTON COUNTY COMMISSIONERS

236th STREET
HAMILTON COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
N/A	6 of 103
CONTRACT	PROJECT
R-41988	1802938



COORDINATE TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	STATION	OFFSET	DESCRIPTION
104	202630.4467	757060.9977	40°07'55.04626"N	86°06'30.58550"W	64+53.31 "A"	26.20' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
105	202573.3077	756987.7097	40°07'54.48075"N	86°06'31.52811"W	63+78.77 "A"	29.02' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
106	202330.2697	756946.6387	40°07'52.07860"N	86°06'32.05303"W	12+71.79 "S-1-A S"	14.98' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
111	202569.4387	756668.9077	40°07'54.43864"N	86°06'35.63231"W	60+60.01 "A"	22.54' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
112	202605.9627	756245.8427	40°07'54.79436"N	86°06'41.07943"W	56+38.36 "A"	27.70' Lt.	5/8" Rebar w/Cap Etamped "CERTIFIED ENGINEERING" Set
113	202580.0977	755833.4327	40°07'54.53362"N	86°06'46.38837"W	52+25.33 "A"	15.23' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
114	202525.0097	755361.9367	40°07'53.98330"N	86°06'52.45749"W	47+52.29 "A"	24.52' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
115	202519.1117	754867.1287	40°07'53.91866"N	86°06'58.82753"W	42+57.55 "A"	14.36' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
306	202604.0143	757039.2924	40°07'54.78480"N	86°06'30.86452"W	PI 64+31.33 "A"	N/A	HARRISON MONUMENT FOUND SE COR 31-T20N-R4E
307	202601.5787	756967.4216	40°07'54.75987"N	86°06'31.78975"W	63+59.41 "A"	0.10' Rt.	M.A.G. NAIL WITH WASHER FOUND NE COR 6-T19N-R4E
803	202517.1744	754365.0564	40°07'53.89298"N	86°07'05.29115"W	PI 37+55.68 "A"	N/A	M.A.G. Nail Set
804	202541.3318	755108.9834	40°07'54.14135"N	86°06'55.71428"W	POT 45+00 "A"	N/A	M.A.G. Nail Set
805	202560.8052	755708.6673	40°07'54.34141"N	86°06'47.99428"W	POT 51+00 "A"	N/A	M.A.G. Nail Set
806	202580.2786	756308.3512	40°07'54.54132"N	86°06'40.27428"W	POT 57+00 "A"	N/A	M.A.G. Nail Set
813	201901.8404	756952.4662	40°07'47.84504"N	86°06'31.97125"W	POT 17+00 "S-1-A S"	N/A	M.A.G. Nail Set
70984	202526.2724	755304.5218	40°07'53.99504"N	86°06'53.19667"W	46+94.95 "A"	21.40' Rt.	4x4in WOOD POST
71139	202484.0962	755639.2703	40°07'53.58251"N	86°06'48.88644"W	50+28.15 "A"	74.42' Rt.	REBAR 5/8in w/ CAP-FIRM#0047
71142	202537.4118	755639.7495	40°07'54.10937"N	86°06'48.88115"W	50+30.36 "A"	21.14' Rt.	4x4in WOOD POST
2986	202541.4956	755759.2138	40°07'54.15123"N	86°06'47.34323"W	51+49.89 "A"	20.94' Rt.	1/2in IRON PIPE
2841	202600.1739	755961.3894	40°07'54.73362"N	86°06'44.74139"W	53+53.87 "A"	31.15' Lt.	WOOD POST
2330	202574.7866	756763.5786	40°07'54.49264"N	86°06'34.41360"W	61+54.81 "A"	20.26' Rt.	T-BAR POST
2329	202572.8483	756764.9220	40°07'54.47350"N	86°06'34.39627"W	61+56.09 "A"	22.24' Rt.	1/2in IRON PIPE

BENCHMARK TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	ELEVATION	STATION	OFFSET	DESCRIPTION
200	201877.7650	756936.8120	40°07'47.60694"N	86°06'32.17240"W	895.69	17+24.40 "S-1-A S"	15.14' Rt.	TBM#05 - MAG Nail set 1' up in PwP No# located approx. 40' N & 12' W of centerline
								of Anthony Rd (South) & Gravel Dr to Woodbarn to address 23540 Anthony Rd.
205	202601.7170	756509.9410	40°07'54.75566"N	86°06'37.67936"W	891.44	59+02.18 "A"	14.88' Lt.	TBM#09 - MAG nail set 1' up in PwP No# located approximately 17' N & 24' W
								of centerline of E 236th St & Gravel Dr to address 3250 E 236th St.
206	202539.7410	755639.7090	40°07'54.13239"N	86°06'48.88171"W	899.73	50+30.40 "A"	18.82' Rt.	TBM#10 - MAG nail set 1' up in PwP No# located approximately 15' S & 15' W
								of centerline of E 236th St & Asphalt Dr to address 3015 E 236th St.
207	202514.6370	754872.2770	40°07'53.87451"N	86°06'58.76118"W	903.20	42+62.56 "A"	19.00' Rt	TBM#11 - MAG nail set 1' up in PwP #50A located approximately 18' S & 14' W
								of centerline of E 236th St & Asphalt Dr to address 2853 E 236th St.
1003	202623.3500	757077.3050	40°07'54.97634"N	86°06'30.37546"W	872.67	64+69.54 "A"	18.93' Lt.	TBM#04 - MAG nail set 1' up in PwP #HMI-13299 located approximately 18' N &
								24' E of centerline of Intersection of E 236th St & Anthony Rd (North).

(B) KATHRYN ANN TRACY
INSTR. NO.: 2016046803
TAX ID: 29-02-31-000-022.000-008

(C) PAMELA J. CONDER
INSTR. NO.: 2013052648
TAX ID: 29-02-31-000-021.000-008

(D) JAMES L. & ROBERTA L. DOHNER
INSTR. NO.: 2013014409
TAX ID: 29-02-31-000-017.001-008

(E) KYLE A. MAPLE
INSTR. NO.: 2017031239
TAX ID: 29-02-31-000-013.001-008

(F) LYLE J. & JANA L. HINESLEY
INSTR. NO.: 8809873
TAX ID: 29-02-31-000-013.005-008

(G) ARTHUR V. BROWN, II
INSTR. NO.: 2008014465
TAX ID: 29-06-06-000-007.001-008

(H) JEAN C. & DENICE A. SQUIRE
INSTR. NO.: 2019039807
TAX ID: 29-06-06-000-007.000-008

(I) DWAYNE WOLFF
INSTR. NO.: 200100062941
TAX ID: 29-06-06-000-007.002-008
&
TAX ID: 29-06-06-000-007.003-008

(J) MARK A. & JANICE L. CASTLE
INSTR. NO.: 8808138
TAX ID: 29-06-06-000-008.000-008

(K) KJ ASSETS LLC
INSTR. NO.: 2018004684
TAX ID: 29-06-06-000-009.003-008

(L) BLAKE A. & HANNAH N. HUGHES
INSTR. NO.: 2020012335
TAX ID: 29-06-06-000-009.002-008

(M) HARRY A. & SHIRLEY A. SMITH
INSTR. NO.: 8704215
TAX ID: 29-06-06-000-011.000-008

(N) VALERIE F. PETTRY
INSTR. NO.: 200100073633
TAX ID: 29-06-06-000-012.000-008

(O) JAMES W. HODGIN
INSTR. NO.: 2013040098
TAX ID: 29-06-06-000-018.000-008

RIGHT-OF-WAY NOTE:

The existing right-of-way lines, parcel ownership lines, and ownership information shown on this survey are preliminary and subject to change based on verification / validation of title. This information is shown only to help orient the user of this survey as it relates to project centerlines and is not intended to establish existing right-of-way lines and ownership lines. The source used to plot existing right-of-way lines and ownership lines on this survey is from last deed of record obtained from the Hamilton County Recorder's Office as well as other sources cited on this survey. The designer / consultant responsible for Right-of-Way Engineering will complete the final determination of this information.

EASEMENT NOTE:

Locations of any easements are based on last deed of record available at the Hamilton County Recorder's Office. These deed records were found during initial research, and in no way represent all possible easements that could be recovered by a title search.

CERTIFIED ENGINEERING JOB NO. 20125

SURVEY STARTED		
MARCH 2020		
SURVEY COMPLETED		
APRIL 2020		
LCRS SHEETS		
2	of	6

CERTIFIED engineering
3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

AARON T. FATELEY REGISTERED No. 20700097 STATE OF INDIANA LAND SURVEYOR

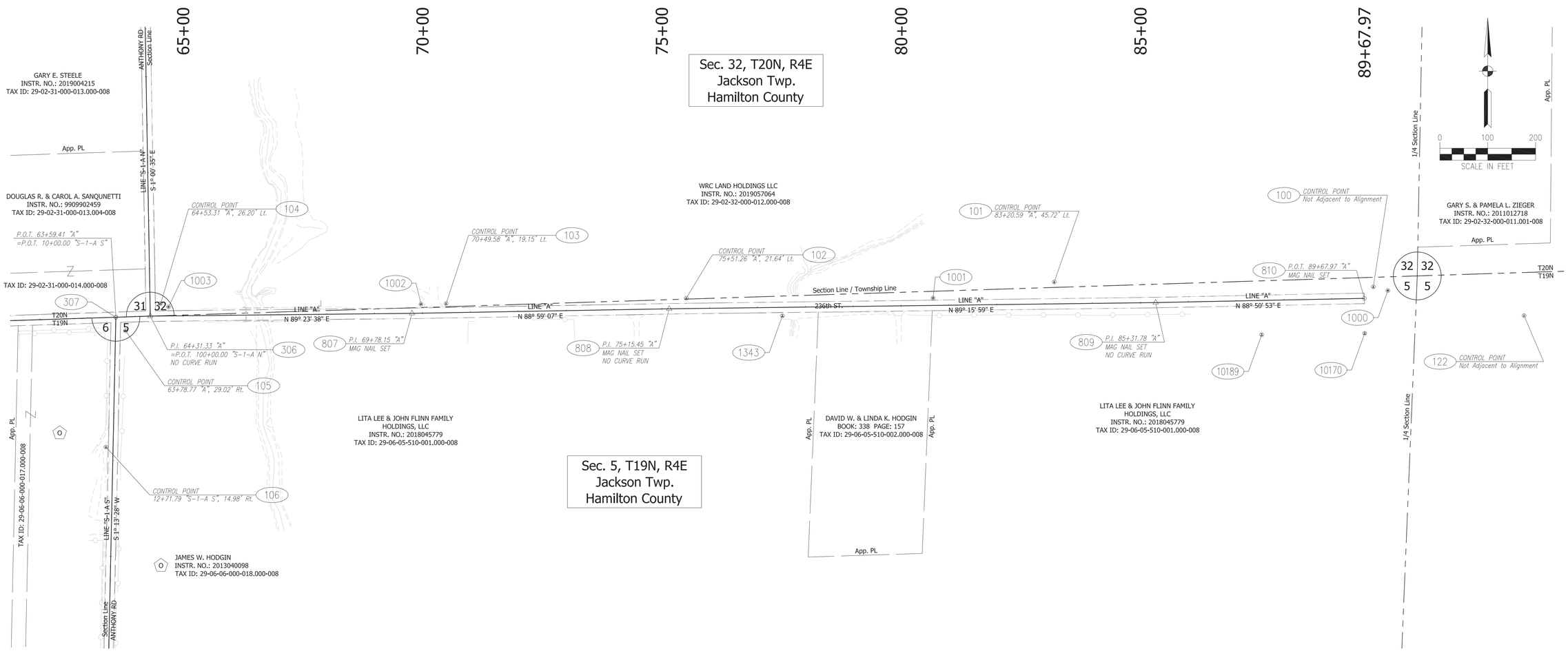
PREPARED BY: AARON T. FATELEY — 04-22-2020 DATE

RECOMMENDED FOR APPROVAL: REGISTERED LAND SURVEYOR, FIELD — 04-22-2020 DATE

HAMILTON COUNTY COMMISSIONERS

236th STREET
HAMILTON COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
N/A	7 of 103
CONTRACT	PROJECT
R-41988	1802938



COORDINATE TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	STATION	OFFSET	DESCRIPTION
100	202665.1759	759594.1787	40°07'55.41873"N	86°05'57.97378"W	N/A	N/A	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
101	202675.3305	758927.7876	40°07'55.51162"N	86°06'06.55308"W	83+20.59 "A"	45.72' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
102	202641.4057	758158.8317	40°07'55.16756"N	86°06'16.45214"W	75+51.26 "A"	21.64' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
103	202630.2077	757657.1697	40°07'55.05102"N	86°06'22.91037"W	70.49.58 "A"	19.15' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
104	202630.4467	757060.9977	40°07'55.04626"N	86°06'30.58550"W	64+53.31 "A"	26.20' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
105	202573.3077	756987.7097	40°07'54.48075"N	86°06'31.52811"W	63+78.77 "A"	29.02' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
106	202330.2697	756946.6387	40°07'52.07860"N	86°06'32.05303"W	12+71.79 "S-1-A S"	14.98' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
122	202646.6872	760131.8111	40°07'55.24191"N	86°05'51.05202"W	N/A	N/A	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
306	202604.0143	757039.2924	40°07'54.78480"N	86°06'30.86452"W	PI 64+31.33 "A"	N/A	HARRISON MONUMENT FOUND SE COR 31-T20N-R4E
307	202601.5787	756967.4216	40°07'54.75987"N	86°06'31.78975"W	63+59.41 "A"	0.10' Rt.	M.A.G. NAIL W/WASHER NE COR 6-T19N-R4E
807	202609.7983	757586.0822	40°07'54.84850"N	86°06'23.82524"W	PI 69+78.15 "A"	N/A	M.A.G. Nail Set
808	202619.3122	758123.2993	40°07'54.94882"N	86°06'16.90925"W	PI 75+15.45 "A"	N/A	M.A.G. Nail Set
809	202632.3227	759139.5497	40°07'55.08901"N	86°06'03.82621"W	PI 85+31.78 "A"	N/A	M.A.G. Nail Set
810	202641.0918	759575.6472	40°07'55.18053"N	86°05'58.21201"W	POT 89+67.97 "A"	N/A	M.A.G. Nail Set
1343	202604.5836	758359.8925	40°07'54.80602"N	86°06'13.86312"W	77+51.83 "A"	17.76' Rt.	5/8in REBAR w/ CAP-MILLER SURVEY
10189	202565.1430	759361.0800	40°07'54.42764"N	86°06'00.97325"W	87+51.92 "A"	71.62' Rt.	5/8in REBAR w/ CAP-MILLER SURVEY
10170	202568.0891	759576.2910	40°07'54.45914"N	86°05'58.20267"W	89+67.14 "A"	73.00'Rt.	5/8in REBAR w/ CAP-MILLER SURVEY

BENCHMARK TABLE

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1000	202657.3320	759624.5920	40°07'55.34156"N	86°05'57.58213"W	883.96	N/A	N/A	TBM#01 - MAG nail set 1' up in PwP #HMI-13352 located approximately 18' N &
								13' E of centerline of intersection of E 236th St & Deming Rd.
1001	202641.8240	758674.5730	40°07'55.17764"N	86°06'09.81248"W	877.92	80+66.97 "A"	15.45' Lt.	TBM#02 - MAG nail set 1' up in PwP #HMI-13307 located approximately 15' N &
								66' E of centerline of E 236th St & Asphalt Dr. of address 3525 236th St.
1002	202628.9220	757604.8320	40°07'55.03771"N	86°06'23.58415"W	883.10	69+97.24 "A"	18.79' Lt.	TBM#03 - MAG nail set 1' up in PwP #HMI-13302 located approximately 15' N &
								24' W of centerline of E 236th St & Gravel Dr. of address 3402 E 236th St.
1003	202623.3500	757077.3050	40°07'54.97634"N	86°06'30.37546"W	872.67	64+69.54 "A"	18.93' Lt.	TBM#04 - MAG nail set 1' up in PwP #HMI-13299 located approximately 18' N &
								24' E of centerline of Intersection of E 236th St & Anthony Rd (North).

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SURVEY STARTED		
MARCH 2020		
SURVEY COMPLETED		
APRIL 2020		
LCRS SHEETS		
3	of	6

CERTIFIED engineering
3939 MILLERSVILLE ROAD
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THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

AARON T. FATELEY
REGISTERED
No. 20700097
STATE OF
INDIANA
LAND SURVEYOR

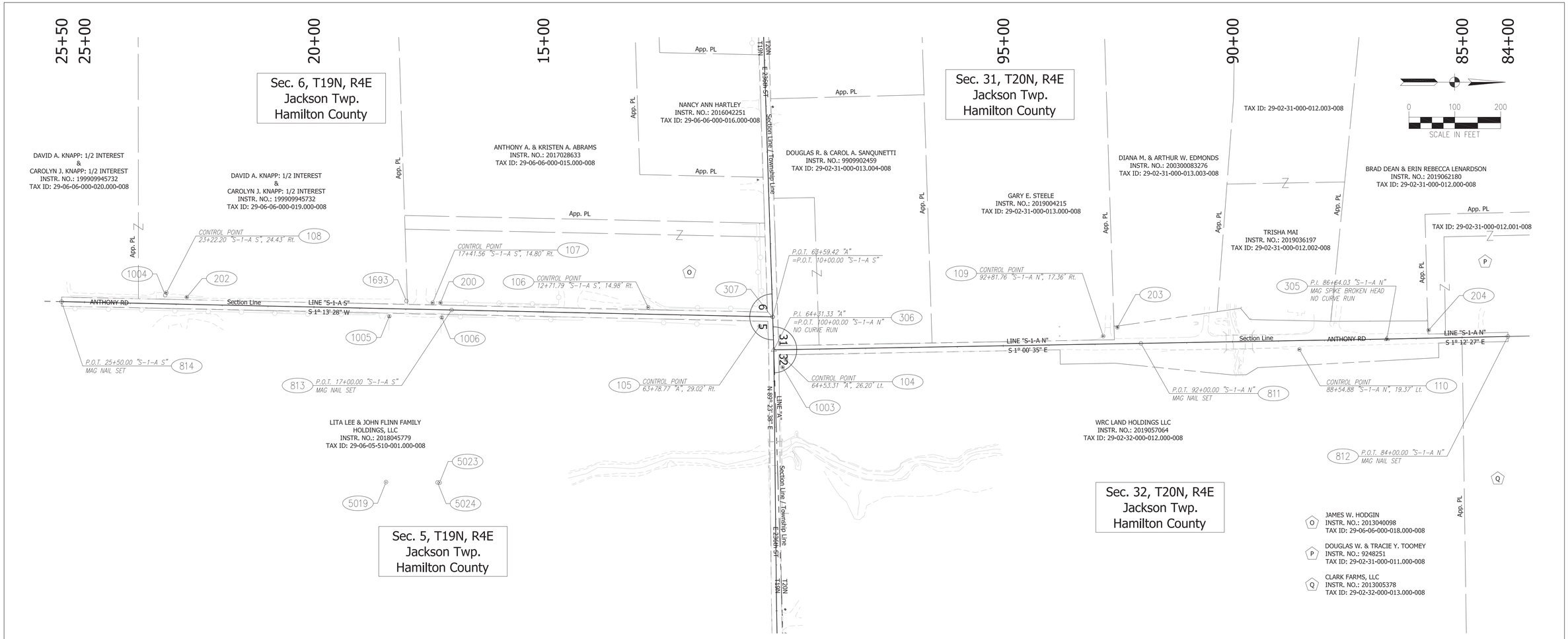
PREPARED BY:
AARON T. FATELEY — 04-22-2020 DATE

RECOMMENDED FOR APPROVAL
REGISTERED LAND SURVEYOR, FIELD — 04-22-2020 DATE

HAMILTON COUNTY
COMMISSIONERS

236th STREET
HAMILTON COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
N/A	8 of 103
CONTRACT	PROJECT
R-41988	1802938



COORDINATE TABLE

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104	202630.4467	757060.9977	40°07'55.04626"N	86°06'30.58550"W	64+53.31 "A"	26.20' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
105	202573.3077	756987.7097	40°07'54.48075"N	86°06'31.52811"W	63+78.77 "A"	29.02' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
106	202330.2697	756946.6387	40°07'52.07860"N	86°06'32.05303"W	12+71.79 "S-1-A S"	14.98' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
107	201860.6097	756936.7777	40°07'47.43742"N	86°06'32.17257"W	17+41.56 "S-1-A S"	14.80' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
108	201280.3017	756914.7437	40°07'41.70268"N	86°06'32.44706"W	23+22.20 "S-1-A S"	24.43' Rt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
109	203321.8347	757009.2817	40°08'01.87777"N	86°06'31.26218"W	92+81.76 "S-1-A N"	17.36' Rt.	M.A.G. Nail Set
110	203749.3047	757038.3697	40°08'06.10228"N	86°06'30.89441"W	88+54.87 "S-1-A N"	19.26' Lt.	5/8" Rebar w/Cap Stamped "CERTIFIED ENGINEERING" Set
305	203939.7719	757015.7493	40°08'07.98416"N	86°06'31.18864"W	PI 86+64.03 "S-1-A N"	N/A	M.A.G. SPIKE HEAD BROKE OFF FOUND NE COR SE 1/4 SE 1/4 31-T20N-R4E
306	202604.0143	757039.2924	40°07'54.78480"N	86°06'30.86452"W	POT 100+00 "S-1-A N"	N/A	HARRISON MONUMENT FOUND SE COR 31-T20N-R4E
307	202601.5787	756967.4216	40°07'54.75987"N	86°06'31.78975"W	POT 10+00.10 "S-1-A S"	N/A	M.A.G. NAIL W/ WASHER FOUND NE COR 6-T19N-R4E
811	203403.8900	757025.1944	40°08'02.68882"N	86°06'31.05861"W	POT 92+00 "S-1-A N"	N/A	M.A.G. Nail Set
812	204203.7482	757010.1858	40°08'10.59264"N	86°06'31.26443"W	POT 84+00 "S-1-A N"	N/A	M.A.G. Nail Set
813	201901.8404	756952.4662	40°07'47.84504"N	86°06'31.97125"W	POT 17+00 "S-1-A S"	N/A	M.A.G. Nail Set
814	201052.0344	756934.3034	40°07'39.44723"N	86°06'32.19167"W	POT 25+50 "S-1-A S"	N/A	M.A.G. Nail Set
1004	201277.8760	756920.0990	40°07'41.67878"N	86°06'32.37809"W	23+24.51 "S-1-A S"	19.03' Rt.	15in dia CONC POST
1005	201766.1260	756966.2400	40°07'46.50411"N	86°06'31.79180"W	18+35.39 "S-1-A S"	16.67' Lt.	5/8in REBAR w/ CAP-MILLER SURVEY
1006	201880.6420	756968.7410	40°07'47.63576"N	86°06'31.76140"W	17+20.85 "S-1-A S"	16.72' Lt.	5/8in REBAR w/ CAP-MILLER SURVEY
1693	201803.3542	756932.9162	40°07'46.87159"N	86°06'32.22138"W	17+98.88 "S-1-A S"	17.44' Rt.	18in CONC POST
5019	201759.0384	757327.5574	40°07'46.43842"N	86°06'27.14024"W	18+34.75 "S-1-A S"	378.06' Lt.	5/8in REBAR w/ CAP-MILLER SURVEY
5023	201875.7350	757328.6688	40°07'47.59160"N	86°06'27.12775"W	17+18.06 "S-1-A S"	376.67' Lt.	5/8in REBAR w/ CAP-MILLER SURVEY
5024	201871.2092	757328.2175	40°07'47.54687"N	86°06'27.13349"W	17+22.60 "S-1-A S"	376.32' Lt.	WOOD CORNER POST

BENCHMARK TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	ELEVATION	STATION	OFFSET	DESCRIPTION
200	201877.7650	756936.8120	40°07'47.60694"N	86°06'32.17240"W	895.69	17+24.40 "S-1-A S"	15.14' Rt.	TBM#05 - MAG Nail set 1' up in PwP No# located approx. 40' N & 12' W of centerline
								of Anthony Rd (South) & Gravel Dr to Woodbarn to address 23540 Anthony Rd.
202	201324.7990	756924.5610	40°07'42.14251"N	86°06'32.32139"W	899.42	22+77.51 "S-1-A S"	15.57' Rt.	TBM#06 - MAG nail set 1' up in PwP No# located approx. ' N & ' W of centerline
								of Anthony Rd (South) & Gravel Dr to Woodbarn to Address 24374 Anthony Rd.
203	203352.7470	756990.2580	40°08'02.18301"N	86°06'31.50759"W	869.88	92+50.52 "S-1-A N"	35.83' Rt.	TBM#07 - MAG nail set 1' up in PwP #191-058 located approx. 18' N & 40' W of
								centerline of Anthony Rd (North) & Asphalt Dr to Address 23650 Anthony Rd.
204	204030.9900	756996.3800	40°08'08.88532"N	86°06'31.43945"W	874.83	85+72.43 "S-1-A N"	17.44' Rt.	TBM#08 - MAG nail set 1' up in PwP #191-061 located approx. 103' S & 16' W of
								centerline of Anthony Rd (North) & Asphalt Dr to Address 23770 Anthony Rd.
1003	202623.3500	757077.3050	40°07'54.97634"N	86°06'30.37546"W	872.67	64+69.54 "A"	18.93' Lt.	TBM#04 - MAG nail set 1' up in PwP #HMI-13299 located approximately 18' N &
								24' E of centerline of Intersection of E 236th St & Anthony Rd (North).

RIGHT-OF-WAY NOTE:

The existing right-of-way lines, parcel ownership lines, and ownership information shown on this survey are preliminary and subject to change based on verification / validation of title. This information is shown only to help orient the user of this survey as it relates to project centerlines and is not intended to establish existing right-of-way lines and ownership lines. The source used to plot existing right-of-way lines and ownership lines on this survey is from last deed of record obtained from the Hamilton County Recorder's Office as well as other sources cited on this survey. The designer / consultant responsible for Right-of-Way Engineering will complete the final determination of this information.

EASEMENT NOTE:

Locations of any easements are based on last deed of record available at the Hamilton County Recorder's Office. These deed records were found during initial research, and in no way represent all possible easements that could be recovered by a title search.

CERTIFIED ENGINEERING JOB NO. 20125

SURVEY STARTED		
MARCH 2020		
SURVEY COMPLETED		
APRIL 2020		
LCRS SHEETS		
4	of	6

CERTIFIED engineering
3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

AARON T. FATELEY
REGISTERED
No. 20700097
STATE OF
INDIANA
LAND SURVEYOR

PREPARED BY:
AARON T. FATELEY — 04-22-2020 DATE

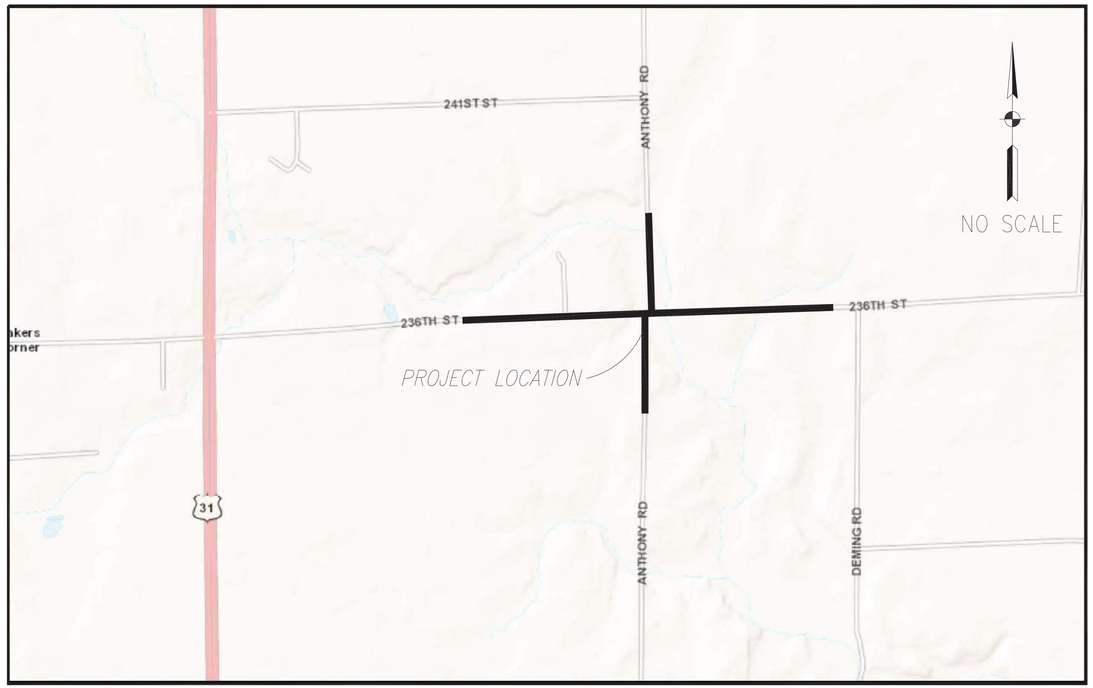
RECOMMENDED FOR APPROVAL
REGISTERED LAND SURVEYOR, FIELD — 04-22-2020 DATE

HAMILTON COUNTY
COMMISSIONERS

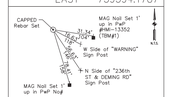
236th STREET
HAMILTON COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
N/A	9 of 103
CONTRACT	PROJECT
R-41988	1802938

VICINITY MAP



100	NORTH 202665.1759	EAST 759594.1787



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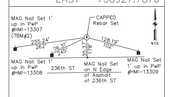
101	NORTH 202675.3305	EAST 758927.7876

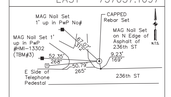


83+20.59 "A", 45.72' Lt.

102	NORTH 202641.4057	EAST 758158.8317

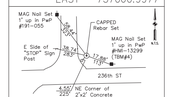
75+51.26 "A", 21.64' Lt.

103	NORTH 202630.2077	EAST 757657.1697



70+49.58 "A", 19.15' Lt

104	NORTH 202630.4467	EAST 757060.9977



64+53.31 "A", 26.20' Lt.

105	NORTH 202573.3077	EAST 756987.7097

63+78.77 "A", 29.02' Rt.

106	NORTH 202330.2697	EAST 756946.6387

12+71.79 "S-1-A S", 14.98' Rt.

107	NORTH 201860.6097	EAST 756936.7777

17+41.56 "S-1-A S", 14.80' Rt.

108	NORTH 201280.3017	EAST 756914.7437

23+22.20 "S-1-A S", 24.43' Rt.

109	NORTH 203321.8347	EAST 757009.2817

92+81.76 "S-1-A N", 17.36' Rt.

110	NORTH 203749.3047	EAST 757038.3697

88+54.87 "S-1-A N", 19.26' Lt.

111	NORTH 202569.4387	EAST 756668.9077

60+60.01 "A", 22.54' Rt.

112	NORTH 202605.9627	EAST 756245.8427

56+38.36 "A", 27.70' Lt.

113	NORTH 202580.0977	EAST 755833.4327

52+25.33 "A", 15.23' Lt.

114	NORTH 202525.0097	EAST 755361.9367

47+52.29 "A", 24.52' Rt.

115	NORTH 202519.1117	EAST 754867.1287

42+57.55 "A", 14.36' Rt.

116	NORTH 202481.3147	EAST 754059.6837

34+48.58 "A", 15.00' Rt.

117	NORTH 202487.3597	EAST 753659.0197

30+49.25 "A", 18.30' Lt.

118	NORTH 202457.0817	EAST 753191.2557

25+80.51 "A", 19.92' Lt.

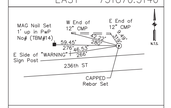
119	NORTH 202383.0306	EAST 752678.6845

20+64.13 "A", 19.92' Rt.

120	NORTH 202391.5876	EAST 752239.9078

Not Adjacent to Alignment

121	NORTH 202374.9916	EAST 751870.5140



Not Adjacent to Alignment

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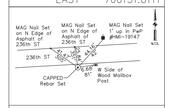

Not Adjacent to Alignment

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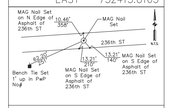
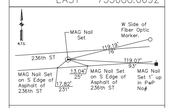


P.O.T. 18+00.00 "A"

801	NORTH 202430.0800	EAST 753088.0692



P.I. 24+75.73 "A"

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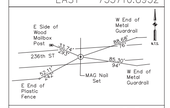
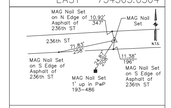


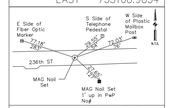
P.O.T. 31+00.00 "A"

803	NORTH 202517.1744	EAST 754365.0564



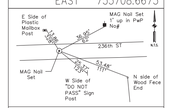
P.I. 37+55.68 "A"

804	NORTH 202541.3318	EAST 755108.9834



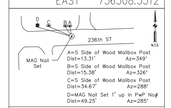
P.O.T. 45+00.00 "A"

805	NORTH 202560.8052	EAST 755708.6673



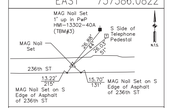
P.O.T. 51+00.00 "A"

806	NORTH 202580.2786	EAST 756308.3512



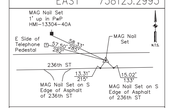
P.O.T. 57+00.00 "A"

807	NORTH 202609.7983	EAST 757586.0822



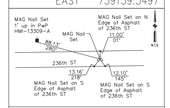
P.I. 69+78.15 "A"

808	NORTH 202619.3122	EAST 758123.2993



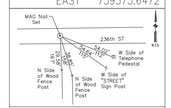
P.I. 75+15.45 "A"

809	NORTH 202632.3227	EAST 759139.5497



P.I. 85+31.78 "A"

810	NORTH 202641.0918	EAST 759575.6472

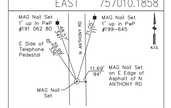


P.O.T. 89+67.97 "A"

811	NORTH 203403.8900	EAST 757025.1944

P.O.T. 92+00.00 "S-1-A N"

812	NORTH 204203.7482	EAST 757010.1858

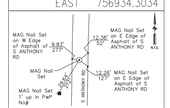


P.O.T. 84+00.00 "S-1-A N"

813	NORTH 201901.8404	EAST 756952.4662

P.O.T. 17+00.00 "S-1-A S"

814	NORTH 201052.0344	EAST 756934.3034



P.O.T. 25+50.00 "S-1-A S"

CERTIFIED ENGINEERING JOB NO. 20125

SURVEY STARTED		
MARCH 2020		
SURVEY COMPLETED		
APRIL 2020		
LCRS SHEETS		
5	of	6

CERTIFIED engineering

3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

AARON T. FATELEY REGISTERED No. 20700097 STATE OF INDIANA LAND SURVEYOR

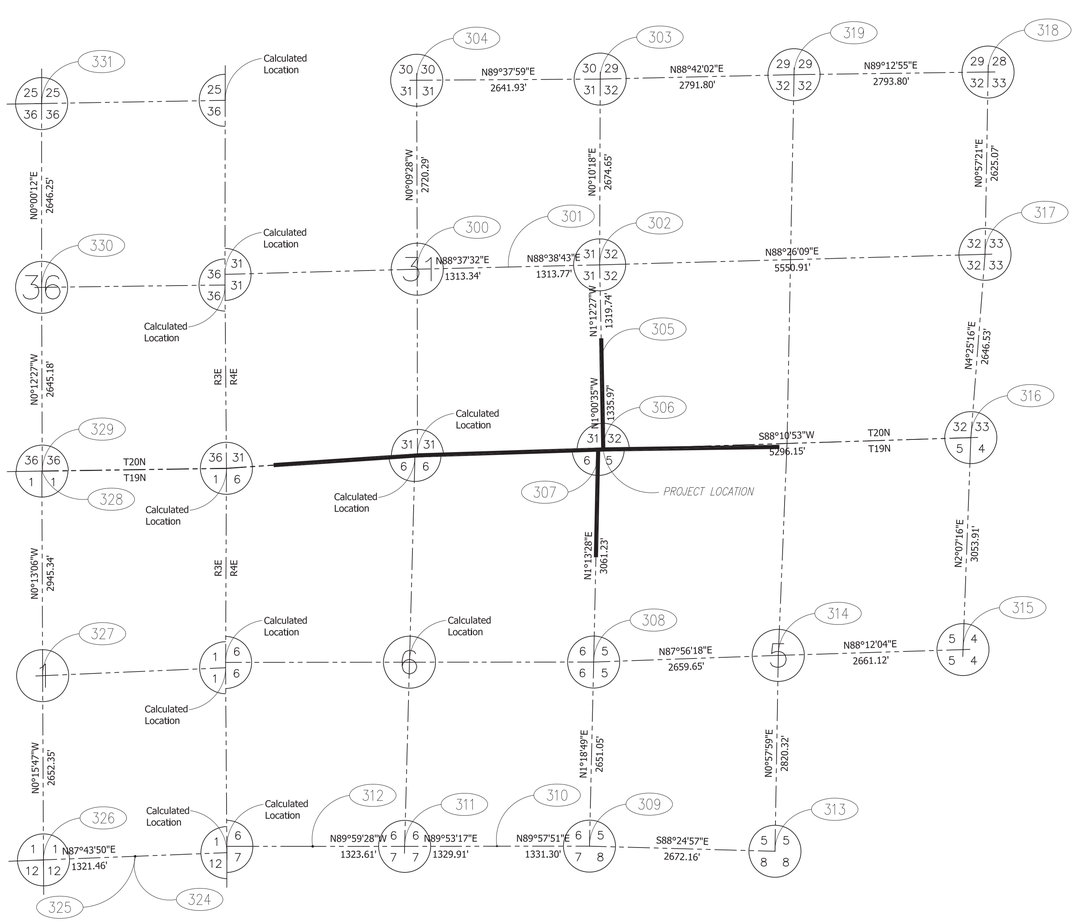
PREPARED BY:
AARON T. FATELEY — 04-22-2020 DATE

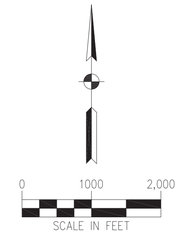
RECOMMENDED FOR APPROVAL
REGISTERED LAND SURVEYOR, FIELD — 04-22-2020 DATE

HAMILTON COUNTY COMMISSIONERS

236th STREET
HAMILTON COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
N/A	10 of 103
CONTRACT	PROJECT
R-41988	1802938





SURVEYOR'S REPORT

This Location Control Route Survey was completed for a Hamilton County Commissioners road construction project. This survey is located in Jackson Township, in Sections 5 and 6, Township 19 North, Range 4 East, and Sections 31 and 32, Township 20 North, Range 4 East, Hamilton County, Indiana, east along 236th Street starting approximately 500 feet east of it's intersection with U.S. 31 to approximately 500 feet west of it's intersection with Deming Road, and approximately 3,000 feet along Anthony Road (1,500 feet north and 1,500 feet south of its intersection with 236th Street).

The purpose of this Location Control Route Survey was to collect topographic data for the design of the above referenced project and to tie the survey line to the United States Public Land Survey System. This Location Control Route Survey is not intended to be represented as a Retracement Survey or Original Survey.

Field measurements for this survey were made in accordance with the specifications outlined in Indiana Administrative Code 865 IAC 1-12-20 through 1-12-25. The decimal precision shown on this Location Control Route Survey for the measurements and coordinates is for consistency in the mathematical calculations, and not to indicate the precision of the field work conducted for this survey. The relative positional accuracy of the location of the points established by this survey is within the specifications for an urban survey (0.07 feet plus 50ppm) not to exceed five tenths (0.5) feet as defined by 865 IAC 1-12-22.

Unless noted otherwise, all bearings, distances, areas, and coordinates shown hereon are based upon the Indiana Geospatial Coordinate System's (InGCS) "Hamilton" zone per NAD 83 (2011) epoch 2010.00 and are reported in U.S. Survey Feet and decimal parts thereof. The "Hamilton" and "Tipton" zones have identical parameters. These zones were developed to minimize the differences between ground-measured horizontal distance and the corresponding grid coordinate (map) distance within the counties bearing these zones' names.

InGCS "Hamilton" and "Tipton" Zone Parameters

Geometric Datum:	NAD 83(2011) epoch 2010.00
Projection Type:	Transverse Mercator
Central Meridian:	86°00'00" West Longitude
Central Meridian Scale Factor:	1.000034
Latitude of Grid Origin:	39°54'00" North Latitude
False Northing:	36,000.000 m (118,1100.00 U.S.Ft)
False Easting:	240,000.000 m (787,400.00 U.S.Ft.)

The following plans and Location Control Route Survey's for the project location were obtained from the Indiana Department of Transportation Central Office located in Indianapolis, Indiana, and the Hamilton County Recorders Office located in Noblesville, Indiana:

- State Highway "F" Project No. 24 (5) R/W Indianapolis - Kokomo Road Dated: 5-24-1955
- State Highway F - Project No. 24 (23) R/W Section B Dated: 7-12-1974
- State Highway F Project No. 24 (27) R/W Dated: 1-16-1973
- State Highway F Project No. 24 (6) R/W Westfield to Kokomo Road Dated: 10-30-1951
- Project PR-02-0001 Location Control Route Survey recorded March 14, 2002 as Instrument # 2002-20477 in the Office of the Hamilton County Recorder.
- Indiana Department of Transportation Des. No. 1702149 Location Control Route Survey recorded August 29, 2019 as Instrument # 2019040559 in the Office of the Hamilton County Recorder.

Line "A" is a best fit line using information from the above referenced plans and Location Control Route Surveys and topographic information as located this survey. Stationing for Line "A" was created by holding the station for the southeast corner of Section 31, Township 20 North, Range 4 East, as located this survey as 64+31.33 "A" in order to match the Project PR-02-0001 Location Control Route Survey. Line "S-1-A-South" was created by using the east section line of Section 6, Township 19 North, Range 4 East, as located this survey. Stationing was created by holding 10+00.00 at it's intersection with Line "A". Line "S-1-A-North" was created by using the east section line of Section 31, Township 20 North, Range 4 East, as located this survey. Stationing was created by holding 100+00.00 at its intersection with Line "A".

The elevations for this survey are based off of the Coast and Geodetic Survey bench mark "W 209". Described as follows:

2.9 miles west of Cicero. About 2.9 miles west along a black top road from the Hamilton County State Bank at Cicero, at the junction of a gravel road leading north, 84 feet east of the center line of the road leading north, 32 feet east of C. Wilsons mail box, 23 feet west of power pole 72/399 and in line with the row of poles, 18 feet north of the center line of the black top road, 1 foot south of the right-of-way fence, about 0.5 foot below the road, and set in the top of a concrete post projecting 5 inches.

The published elevation for this bench mark is 868.47 NAVD88 per NGS Data Sheet.

USPLS CORNERS

All United States Public Land Survey (USPLS) System Corners reported on this survey were found using the information obtained from the Hamilton County Surveyor's Office and the Hamilton County Recorder's Office. Since the purpose of this survey is to establish a survey centerline for a road construction project and not for the purpose of an original survey or retracement survey, no conflicting evidence was found as to the location of the United States Public Land Survey corners reported upon this survey. Should United States Public Land Survey corners be needed where none were found, they should be established and tied into this Location Control Route Survey.

CONTROL POINTS

All control points on this survey are 5/8" rebar w/cap stamped "CERTIFIED ENGINEERING" or 2" MAG Nails set flush.

RIGHT-OF-WAY NOTE:

The existing right-of-way lines, parcel ownership lines, and ownership information shown on this survey are preliminary and subject to change based on verification / validation of title. This information is shown only to help orient the user of this survey as it relates to project centerlines and is not intended to establish existing right-of-way lines and ownership lines. The source used to plot existing right-of-way lines and ownership lines on this survey is from last deed of record obtained from the Hamilton County Recorder's Office as well as other sources cited on this survey. The designer / consultant responsible for Right-of-Way Engineering will complete the final determination of this information.

EASEMENT NOTE:

Locations of any easements are based on last deed of record available at the Hamilton County Recorder's Office. These deed records were found during initial research, and in no way represent all possible easements that could be recovered by a title search.

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each social security number in this document, unless required by law.

Aaron T. Fateley

COORDINATE TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	STATION	OFFSET	DESCRIPTION
300	205196.6583	754361.5711	40°08'20.37093"N	86°07'05.38188"W	N/A	N/A	HARRISON MONUMENT FOUND CENTER 31-T20N-R4E
301	205228.1576	755674.5373	40°08'20.69910"N	86°06'48.47751"W	N/A	N/A	HARRISON MONUMENT FOUND SW COR SE 1/4 NE 1/4 31-T20N-R4E
302	205259.2169	756987.9411	40°08'21.02225"N	86°06'31.56745"W	N/A	N/A	HARRISON MONUMENT FOUND E 1/4 31-T20N-R4E
303	207933.8585	756995.9554	40°08'47.45247"N	86°06'31.50640"W	N/A	N/A	HARRISON MONUMENT FOUND NE COR 31-T20N-R4E
304	207916.9401	754354.0777	40°08'47.25195"N	86°07'05.52494"W	N/A	N/A	HARRISON MONUMENT FOUND N 1/4 31-T20N-R4E
305	203939.7719	757015.7493	40°08'07.98416"N	86°06'31.18864"W	PI 86+64.03 "S-1-A N"	N/A	M.A.G. SPIKE HEAD BROKE OFF NE COR SE 1/4 SE 1/4 31-T20N-R4E
306	202604.0143	757039.2924	40°07'54.78480"N	86°06'30.86452"W	PI 64+31.33 "A"	N/A	HARRISON MONUMENT FOUND SE COR 31-T20N-R4E
307	202601.5787	756967.4216	40°07'54.75987"N	86°06'31.78975"W	POT 63+59.41 "A"	0.10 Rt.	M.A.G. NAIL W/WASHER NE COR 6-T19N-R4E
308	199541.0464	756902.0093	40°07'24.51560"N	86°06'32.58354"W	N/A	N/A	M.A.G. SPIKE HEAD BROKE OFF E 1/4 6-T19N-R4E
309	196890.6912	756841.2284	40°06'58.32463"N	86°06'33.32401"W	N/A	N/A	HARRISON MONUMENT FOUND NE COR 7-T19N-R4E
310	196889.8584	755509.9250	40°06'58.29988"N	86°06'50.45926"W	N/A	N/A	M.A.G. SPIKE NW COR NE 1/4 NE 1/4 7-T19N-R4E
311	196887.2623	754180.0189	40°06'58.25703"N	86°07'07.57649"W	N/A	N/A	M.A.G. NAIL N 1/4 7-T19N-R4E
312	196887.4703	752856.4083	40°06'58.24126"N	86°07'24.61274"W	N/A	N/A	M.A.G. SPIKE NE COR NW 1/4 NW 1/4 7-T19N-R4E
313	196816.8143	759512.3620	40°06'57.62561"N	86°05'58.94266"W	N/A	N/A	M.A.G. SPIKE N 1/4 8-T19N-R4E
314	199636.7288	759559.9348	40°07'25.49192"N	86°05'58.37098"W	N/A	N/A	1/2 IRON ROD CENTER 5-T19N-R4E
315	199720.2676	762219.7433	40°07'26.34546"N	86°05'24.13375"W	N/A	N/A	IRON PIN E 1/4 5-T19N-R4E
316	202772.0855	762332.7733	40°07'56.50397"N	86°05'22.71838"W	N/A	N/A	HARRISON MONUMENT FOUND SE COR 32-T20N-R4E
317	205410.7438	762536.7824	40°08'22.58058"N	86°05'20.12593"W	N/A	N/A	HARRISON MONUMENT FOUND E 1/4 32-T20N-R4E
318	208035.4451	762580.5716	40°08'48.51765"N	86°05'19.59589"W	N/A	N/A	HARRISON MONUMENT FOUND NE COR 32-T20N-R4E
319	207997.1759	759787.0343	40°08'48.11036"N	86°05'55.56723"W	N/A	N/A	STONE CUT "X" N 1/4 32-T20N-R4E

COORDINATE TABLE

POINT NO.	InGCS NORTHING (HAMILTON ZONE)	InGCS EASTING (HAMILTON ZONE)	LATITUDE	LONGITUDE	STATION	OFFSET	DESCRIPTION
320	202364.5316	752054.0814	40°07'52.35319"N	86°07'35.03974"W	N/A	N/A	M.A.G. Nail w/ Washer-SEAGROUP FOUND
321	202377.5340	752293.0506	40°07'52.48502"N	86°07'31.96351"W	N/A	N/A	ROAD NAIL FOUND
322	202432.1514	753118.9157	40°07'53.03612"N	86°07'21.33240"W	N/A	N/A	M.A.G. Nail w/ Washer-ETICA FOUND
324	196744.8530	750300.9222	40°06'56.79558"N	86°07'57.50174"W	N/A	N/A	ROAD NAIL FOUND
325	196728.4206	750300.6711	40°06'56.63320"N	86°07'57.50466"W	N/A	N/A	5/8in Rebar w/ Cap-MILLER
326	196692.5259	748980.4937	40°06'56.25869"N	86°08'14.49587"W	N/A	N/A	HARRISON MONUMENT FOUND S 1/4 COR 1-T19N-R3E
327	199344.8450	748968.3115	40°07'22.46811"N	86°08'14.70543"W	N/A	N/A	HARRISON MONUMENT FOUND CENTER 1-T19N-R3E
328	202290.1621	748957.0839	40°07'51.57286"N	86°08'14.90858"W	N/A	N/A	HARRISON MONUMENT FOUND N 1/4 COR 1-T19N-R3E
329	202290.2168	748962.9230	40°07'51.57349"N	86°08'14.83341"W	N/A	N/A	HARRISON MONUMENT FOUND S 1/4 CORNER 36-T20N-R3E
330	204935.3750	748953.3417	40°08'17.71213"N	86°08'15.00944"W	N/A	N/A	HARRISON MONUMENT FOUND CENTER 36-T20N-R3E
331	207581.6291	748953.5014	40°08'43.86171"N	86°08'15.06010"W	N/A	N/A	HARRISON MONUMENT FOUND N 1/4 COR 36-T20N-R3E

CERTIFIED ENGINEERING JOB NO. 20125

SURVEY STARTED		
MARCH 2020		
SURVEY COMPLETED		
APRIL 2020		
LCRS SHEETS		
6	of	6

CERTIFIED engineering
3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

AARON T. FATELEY REGISTERED No. 20700097 STATE OF INDIANA LAND SURVEYOR

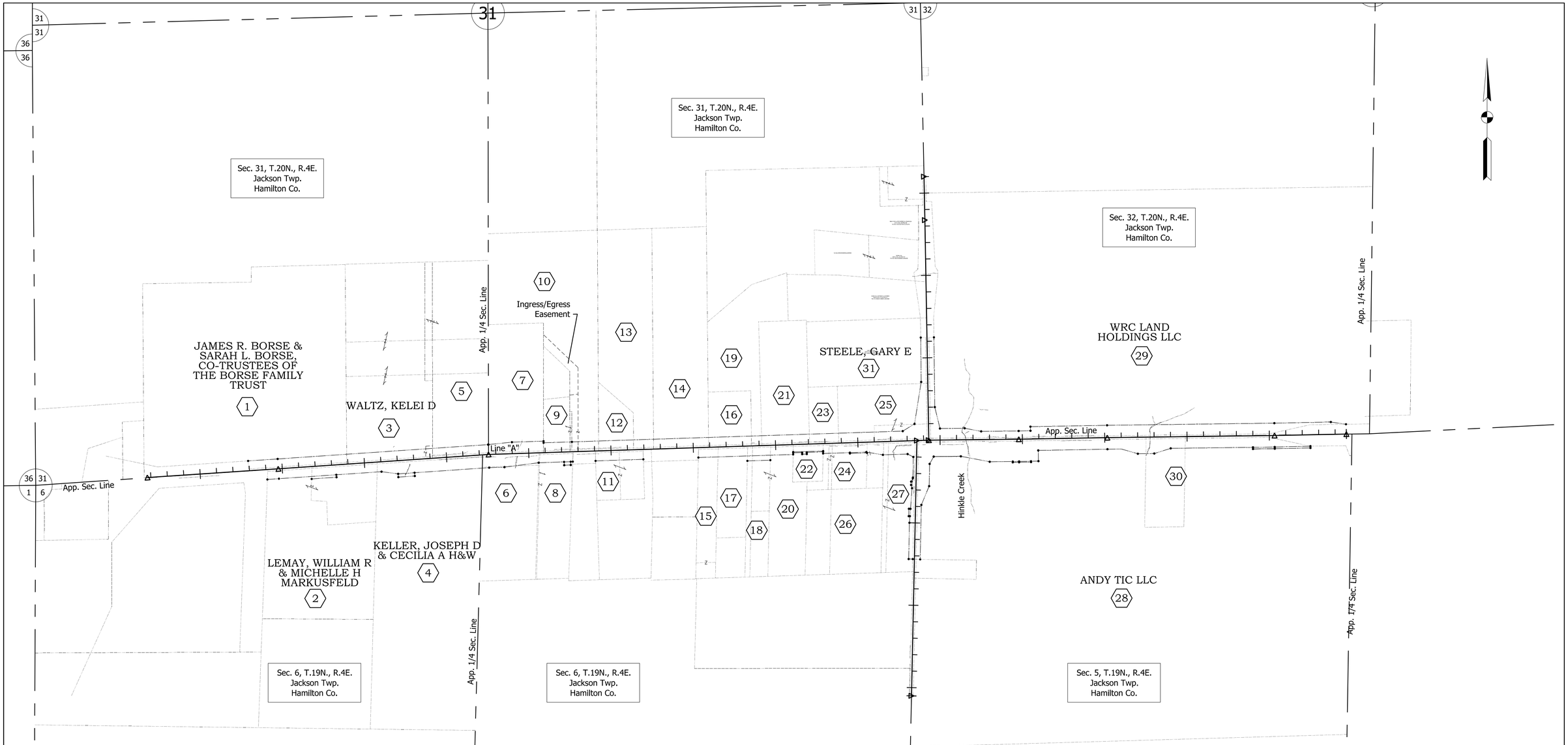
PREPARED BY: AARON T. FATELEY 04-22-2020 DATE

RECOMMENDED FOR APPROVAL: REGISTERED LAND SURVEYOR, FIELD 04-22-2020 DATE

HAMILTON COUNTY COMMISSIONERS

236th STREET
HAMILTON COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1" = 1000'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
N/A	11 of 103
CONTRACT	PROJECT
R-41988	1802938



5 MCKEON, FRANK J & AMANDA L

6 BROOKS, DEEYA D TRUSTEE DEEYA D BROOKS LVG TRUST

7 CONDER, WILLIAM E & DOROTHY J ½ EACH IN TRUST

8 BROWN, ARTHUR V II

9 TRACY, KATHRYN ANN & GERALD E DUNMIRE W&H

10 CONDER, DANIEL W & PAMELA J W/LE, PAMELA J CONDER TRUSTEE OF PAMELA J CONDER TRUST

11 WOLFF, DWAYNE

12 DOHNER, JAMES L & ROBERTA L

13 HUNTER, CHERYL A & JOSEPH A PETTIJOHN

14 KEMPSON, JOSHUA

15 CASTLE, MARK A & JANICE L

16 MAPLE, KYLE A

17 BAKER, BENJAMIN P

18 HUGHES, BLAKE A & HANNAH N H&W

19 BAUMGART, MARK E & JULIA A

20 SMITH, HARRY A & SHIRLEY

21 WILSON, SUNA A & STUART D

22 PETTRY, VALERIE F

23 HINESLEY, LYLE J & JANA L

24 HARTLEY, NANCY ANN

25 SANQUNETTI, DOUGLAS R & CAROL A

26 ABRAMS, ANTHONY A & KRISTEN A H&W

27 HODGIN, JAMES W

30 HODGIN, DAVID W. ET UX.

31 STEELE, GARY E

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 300'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	12 of 103
CONTRACT	PROJECT
R-41988	1802938

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MODEL NAME: Sht Plat1_01
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:26:08 PM

Curve Data Line "PR-A"
PI Sta. = 31+53.93
Delta = 1°55'32" RT
R = 15000.00'
T = 252.07'
L = 504.09'
E = 2.12'
D.S. = 50 mph
S.E. = NC

Curve Data Line "PR-A"
PI Sta. = 57+21.94
Delta = 0°53'33" RT
R = 10750.00'
T = 83.74'
L = 167.48'
E = 0.33'
D.S. = 50 mph

Curve Data Line "PR-A"
PI Sta. = 78+52.62
Delta = 0°22'47" LT
NO CURVE RUN

Curve Data Line "PR-A"
PI Sta. = 84+58.37
Delta = 1°35'40" LT
R = 8500.00'
T = 118.28'
L = 236.54'
E = 0.82'
D.S. = 50 mph
S.E. = NC

Curve Data Line "PR-S-1"
PI Sta. = 28+24.14
Delta = 7°36'28" LT
R = 3400.00'
T = 226.06'
L = 451.46'
E = 7.51'
D.S. = 40 mph
S.E. = 2.30%

Curve Data Line "PR-S-1"
PI Sta. = 21+69.29
Delta = 5°22'25" RT
R = 4800.00'
T = 225.26'
L = 450.19'
E = 5.28'
D.S. = 40 mph
S.E. = RC

Curve Data Line "PR-TR"
PI Sta. = 10+75.98
Delta = 5°40'37" LT
R = 310.00'
T = 15.37'
L = 30.72'
E = 0.38'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 12+57.92
Delta = 5°40'37" RT
R = 300.00'
T = 14.87'
L = 29.72'
E = 0.37'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 24+74.15
Delta = 1°55'32" RT
R = 14963.00'
T = 251.45'
L = 502.84'
E = 2.11'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 47+43.80
Delta = 9°05'25" RT
R = 300.00'
T = 23.85'
L = 47.60'
E = 0.95'
D.S. = 18 mph

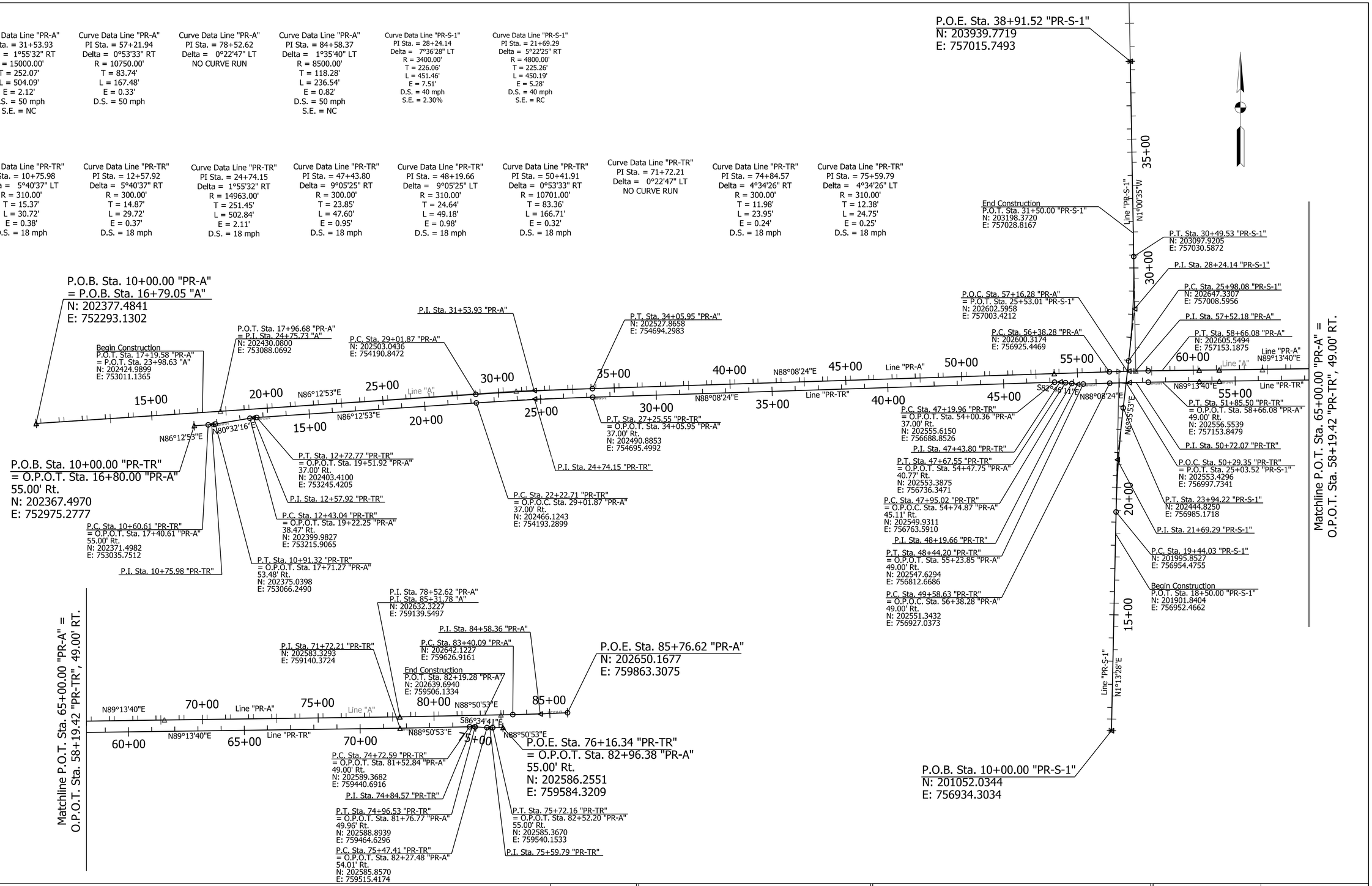
Curve Data Line "PR-TR"
PI Sta. = 48+19.66
Delta = 9°05'25" LT
R = 310.00'
T = 24.64'
L = 49.18'
E = 0.98'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 50+41.91
Delta = 0°53'33" RT
R = 10701.00'
T = 83.36'
L = 166.71'
E = 0.32'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 71+72.21
Delta = 0°22'47" LT
NO CURVE RUN

Curve Data Line "PR-TR"
PI Sta. = 74+84.57
Delta = 4°34'26" RT
R = 300.00'
T = 11.98'
L = 23.95'
E = 0.24'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 75+59.79
Delta = 4°34'26" LT
R = 310.00'
T = 12.38'
L = 24.75'
E = 0.25'
D.S. = 18 mph



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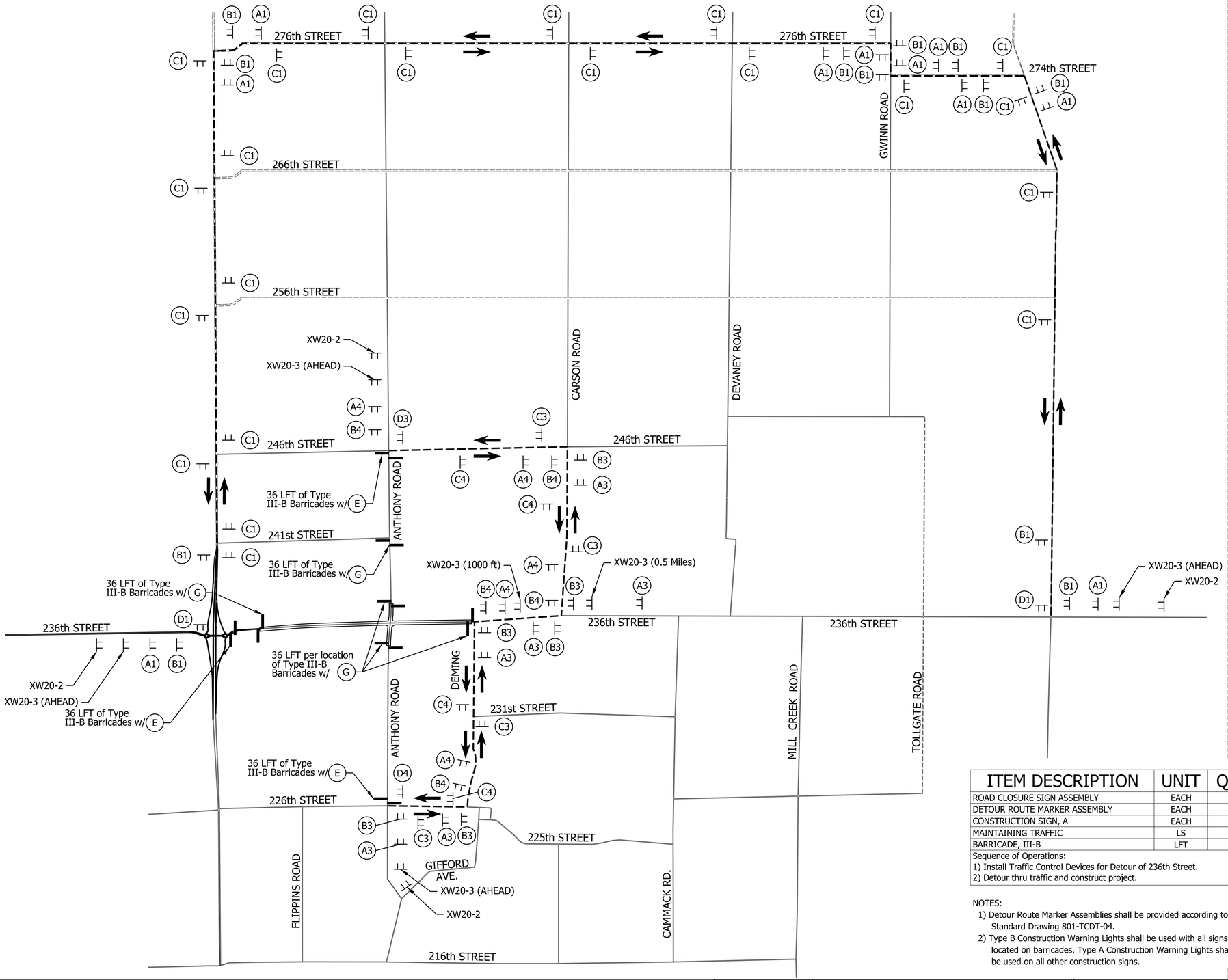
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

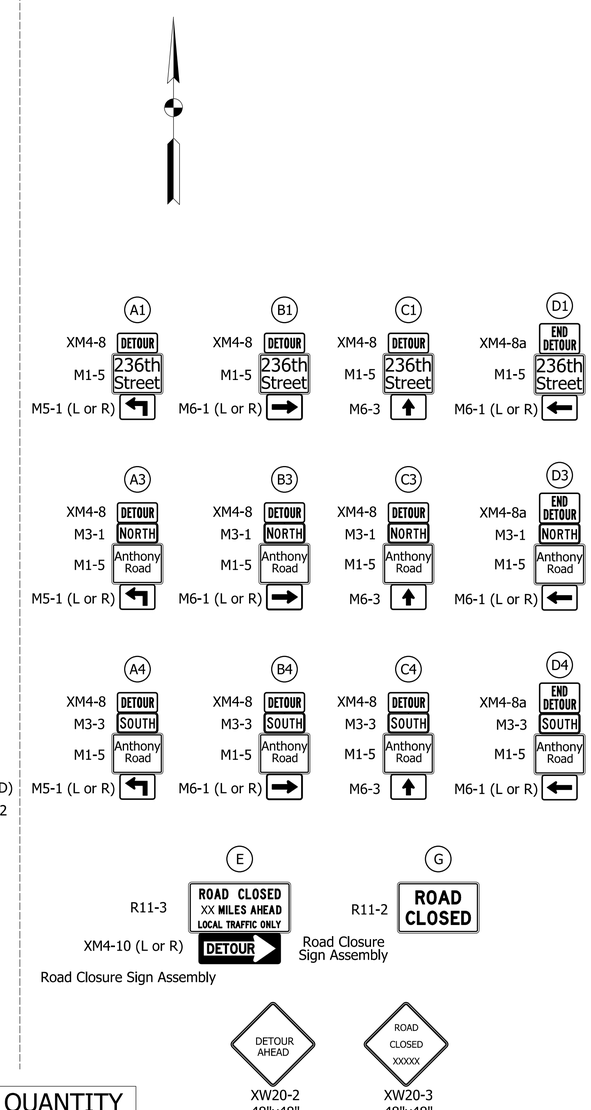
DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-UP

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	13 of 103
CONTRACT	PROJECT
R-41988	1802938





ITEM DESCRIPTION	UNIT	QUANTITY
ROAD CLOSURE SIGN ASSEMBLY	EACH	8
DETOUR ROUTE MARKER ASSEMBLY	EACH	55
CONSTRUCTION SIGN, A	EACH	10
MAINTAINING TRAFFIC	LS	1
BARRICADE, III-B	LFT	288

Sequence of Operations:
1) Install Traffic Control Devices for Detour of 236th Street.
2) Detour thru traffic and construct project.

NOTES:
1) Detour Route Marker Assemblies shall be provided according to Standard Drawing 801-TCDT-04.
2) Type B Construction Warning Lights shall be used with all signs located on barricades. Type A Construction Warning Lights shall be used on all other construction signs.

LEGEND

- Detour Route

- Traffic Flow

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
DETOUR PLAN

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	14 of 103
CONTRACT	PROJECT
R-41988	1802938

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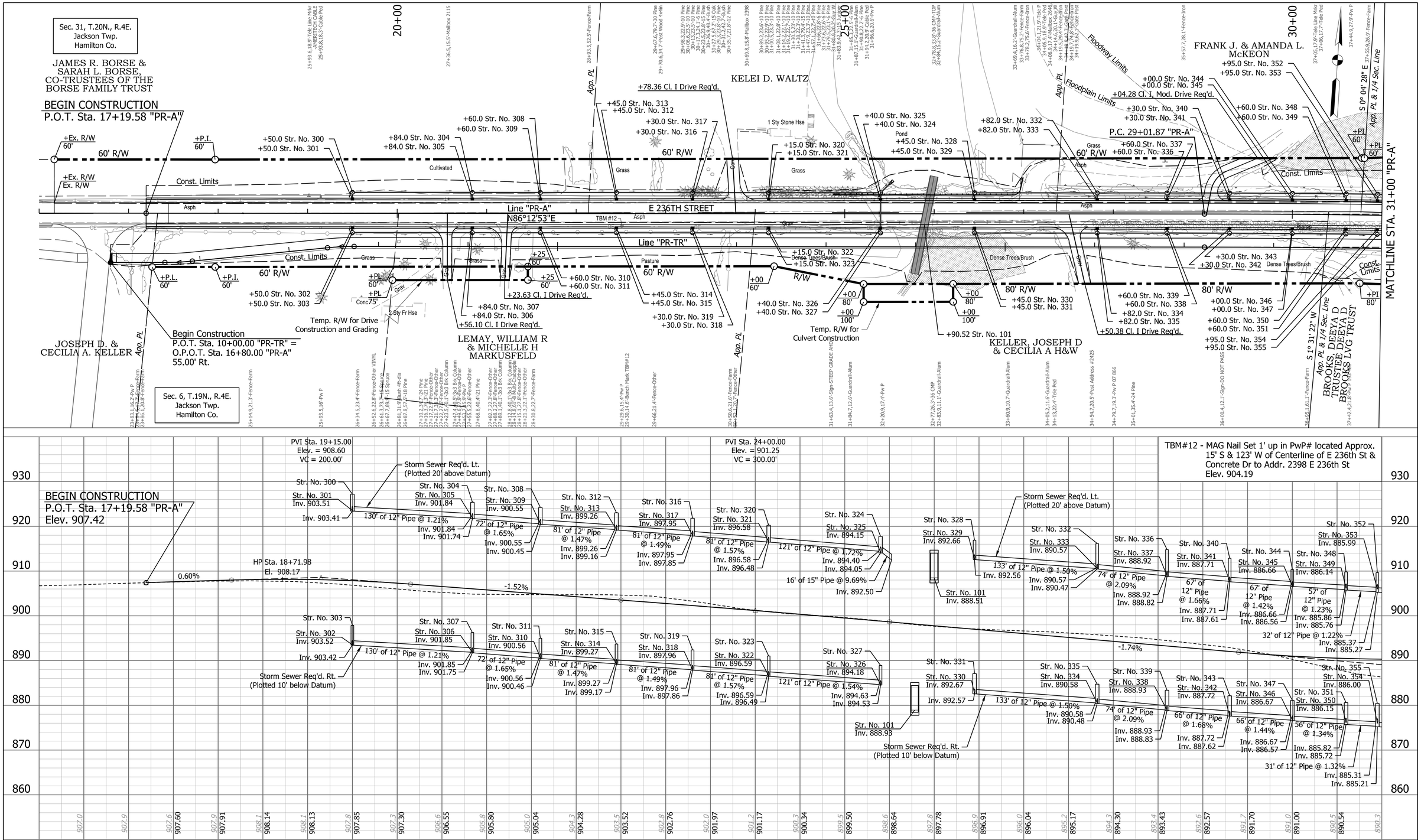

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TIME PLOTTED: 3:26:45 PM

119	NORTH 202383.0306 EAST 752678.6845	118	NORTH 202457.0817 EAST 753191.2557
20+64.13 "A", 19.92' Rt.		25+80.51 "A", 19.92' Lt.	
117	NORTH 202487.3597 EAST 753659.0197	116	NORTH 202481.3147 EAST 754059.6837
30+49.25 "A", 18.30' Lt.		34+48.58 "A", 15.00' Rt.	
801	NORTH 202430.0800 EAST 753088.0692	802	NORTH 202472.5586 EAST 753710.8952
P.I. 24+75.73 "A"		P.O.T. 31+00.00 "A"	
803	NORTH 202517.1744 EAST 754365.0564		
P.I. 37+55.68 "A"			

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

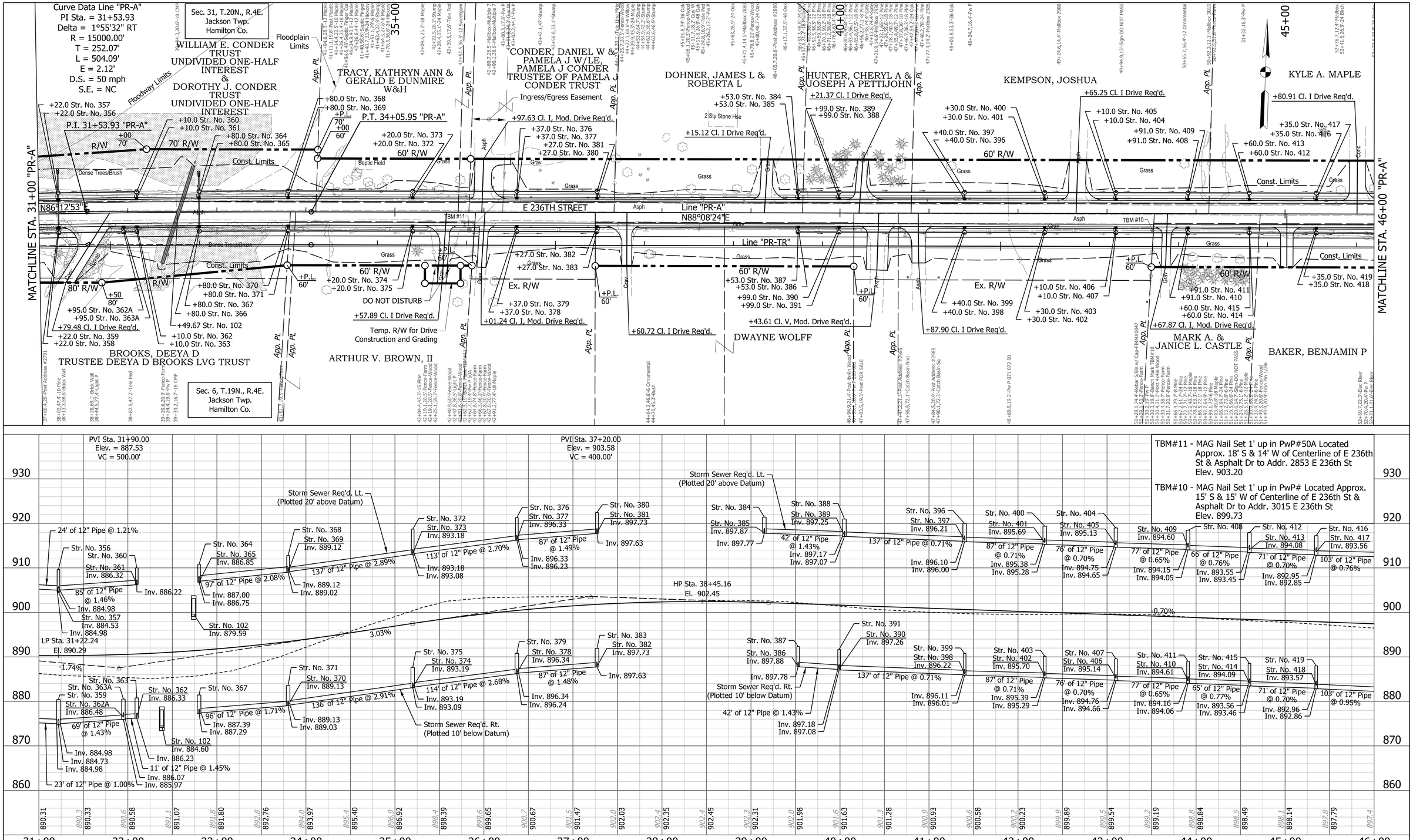
DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	15 of 103
CONTRACT	PROJECT
R-41988	1802938



115	NORTH 202519.1117	EAST 754867.1287	42+57.55 "A", 14.36' Rt.	
114	NORTH 202525.0097	EAST 755361.9367	47+52.29 "A", 24.52' Rt.	
113	NORTH 202580.0977	EAST 755833.4327	52+25.33 "A", 15.23' Lt.	
804	NORTH 202541.3318	EAST 755108.9834	P.O.T. 45+00.00 "A"	
805	NORTH 202560.8052	EAST 755708.6673	P.O.T. 51+00.00 "A"	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	16 of 103
CONTRACT	PROJECT
R-41988	1802938

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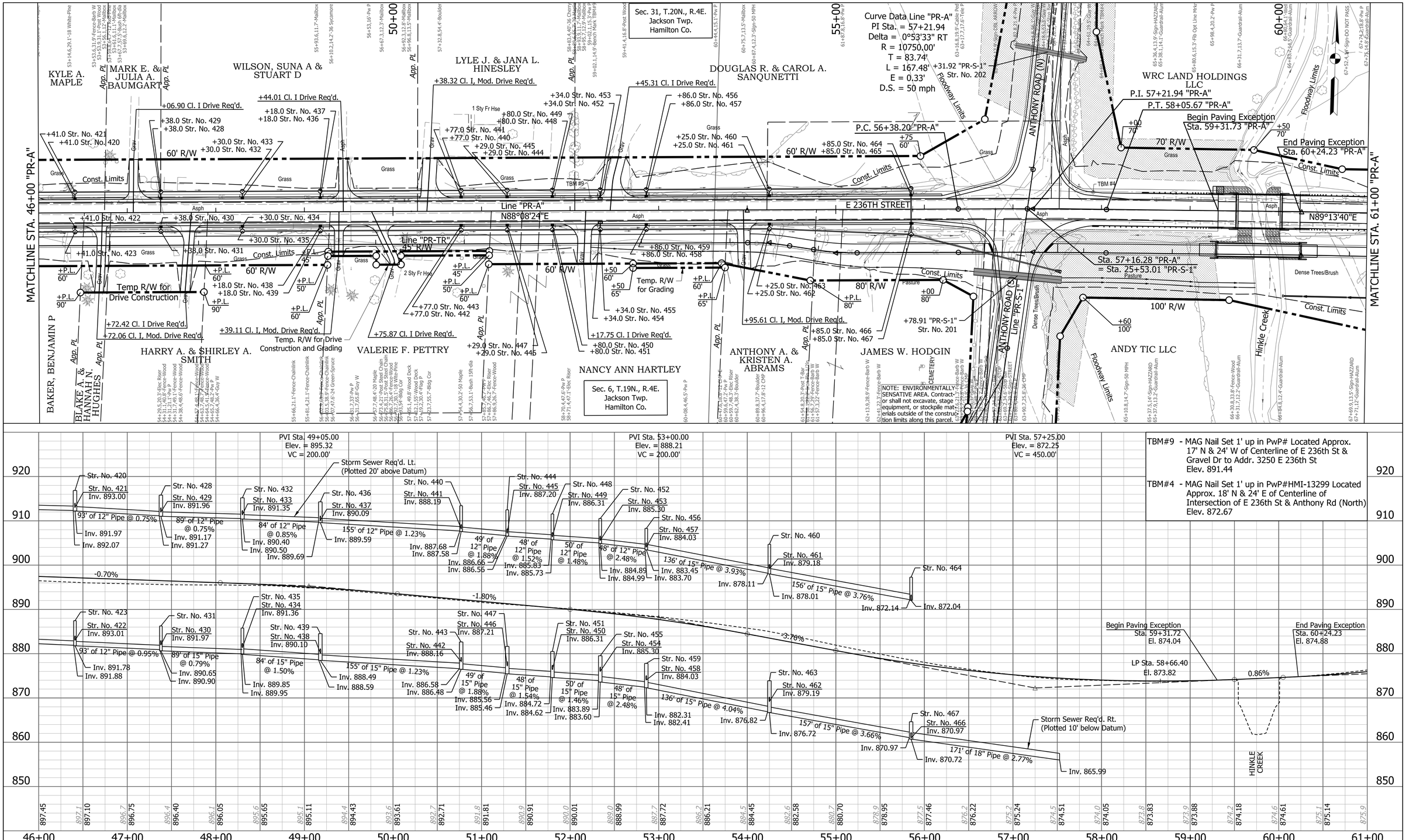

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	17 of 103
CONTRACT	PROJECT
R-41988	1802938

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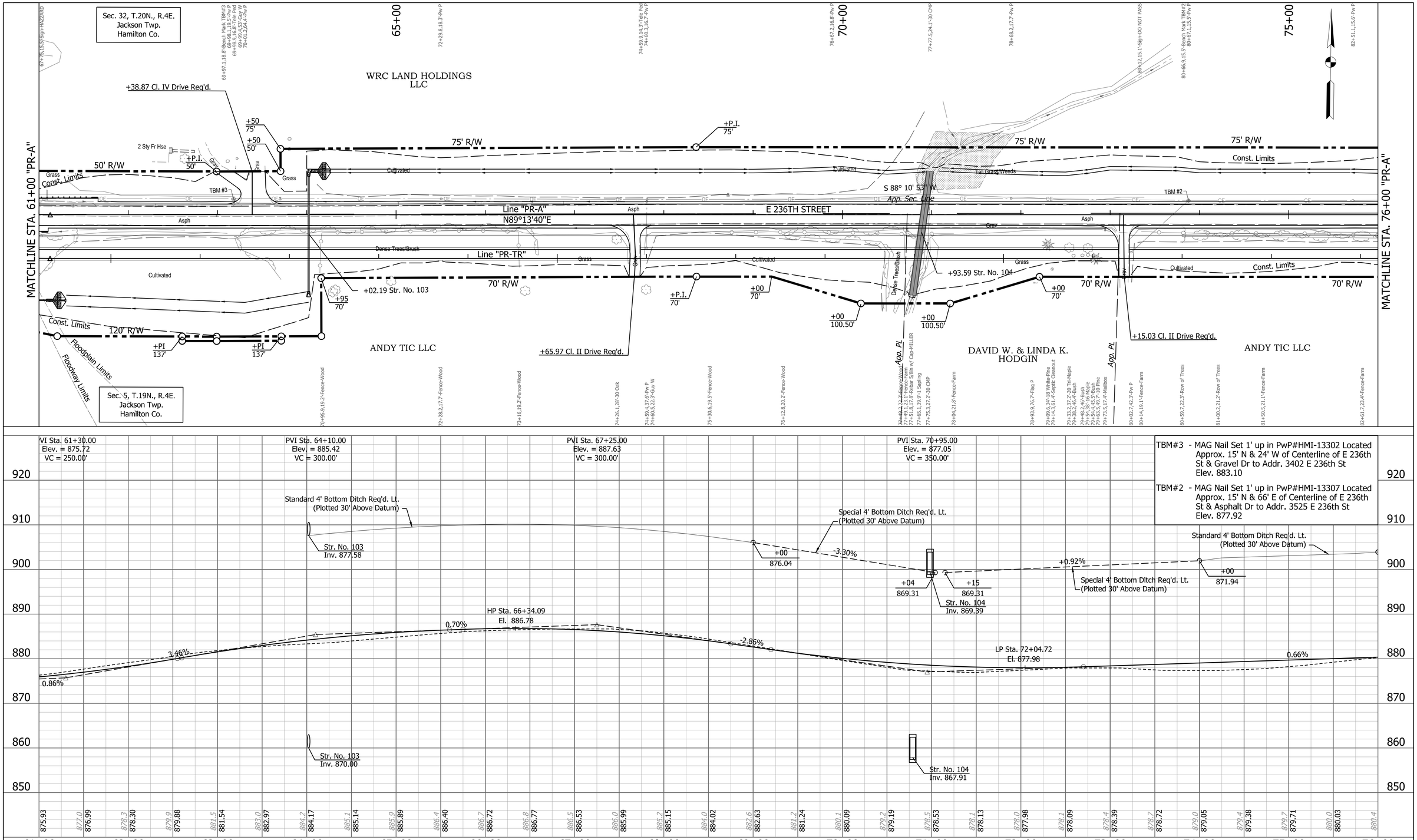

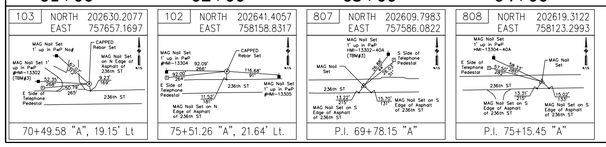

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	18 of 103
CONTRACT	PROJECT
R-41988	1802938

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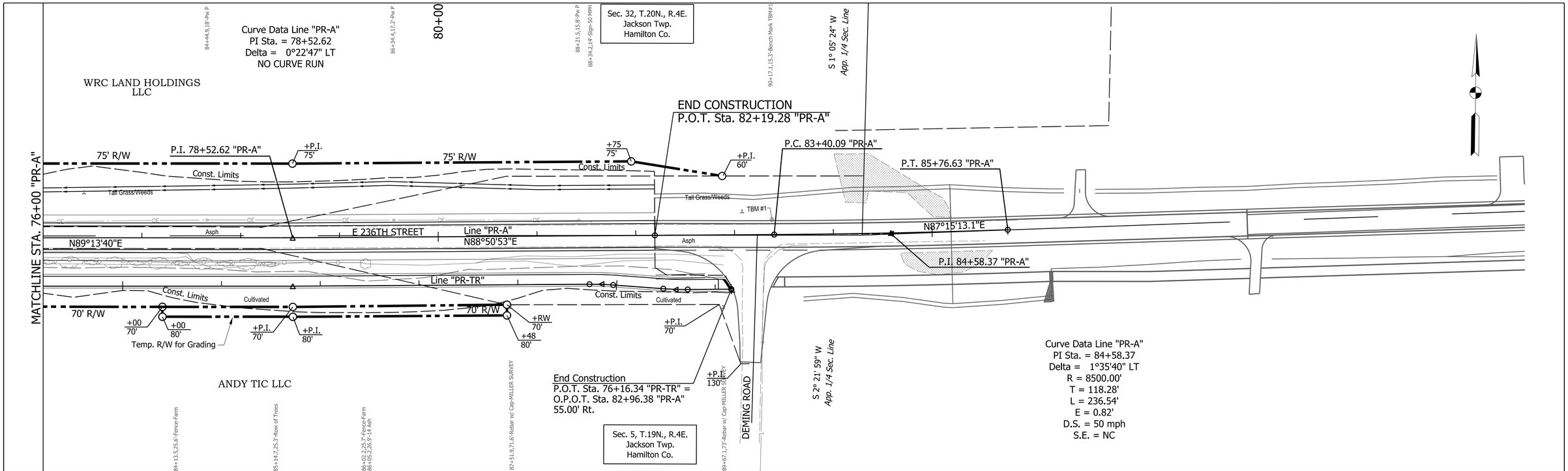

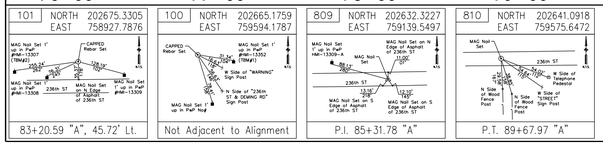

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	19 of 103
CONTRACT	PROJECT
R-41988	1802938

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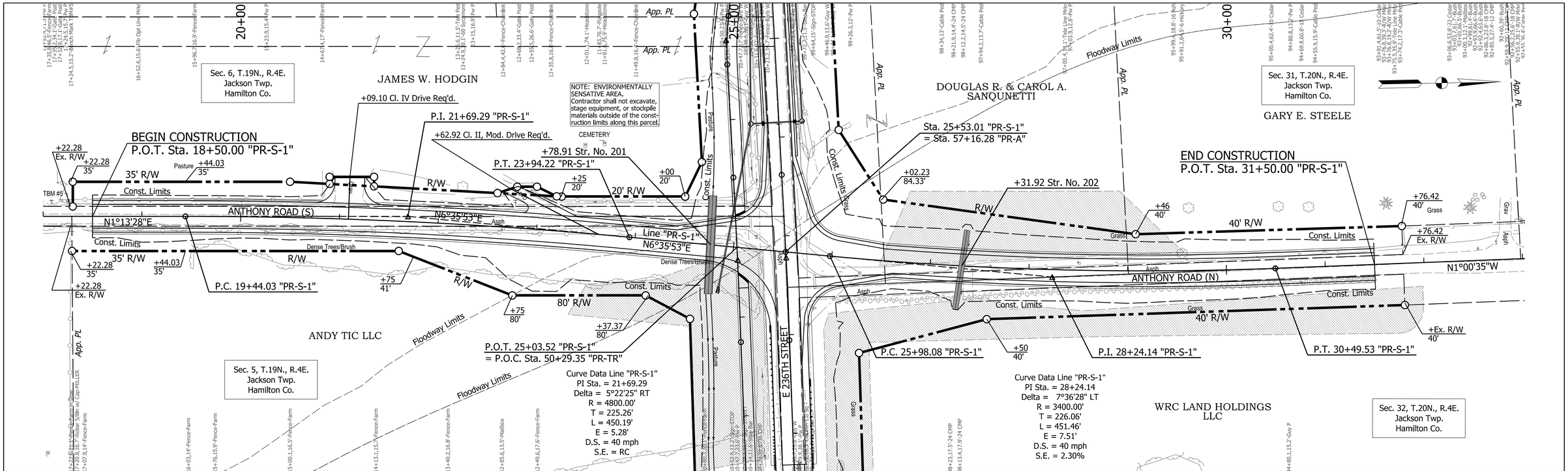

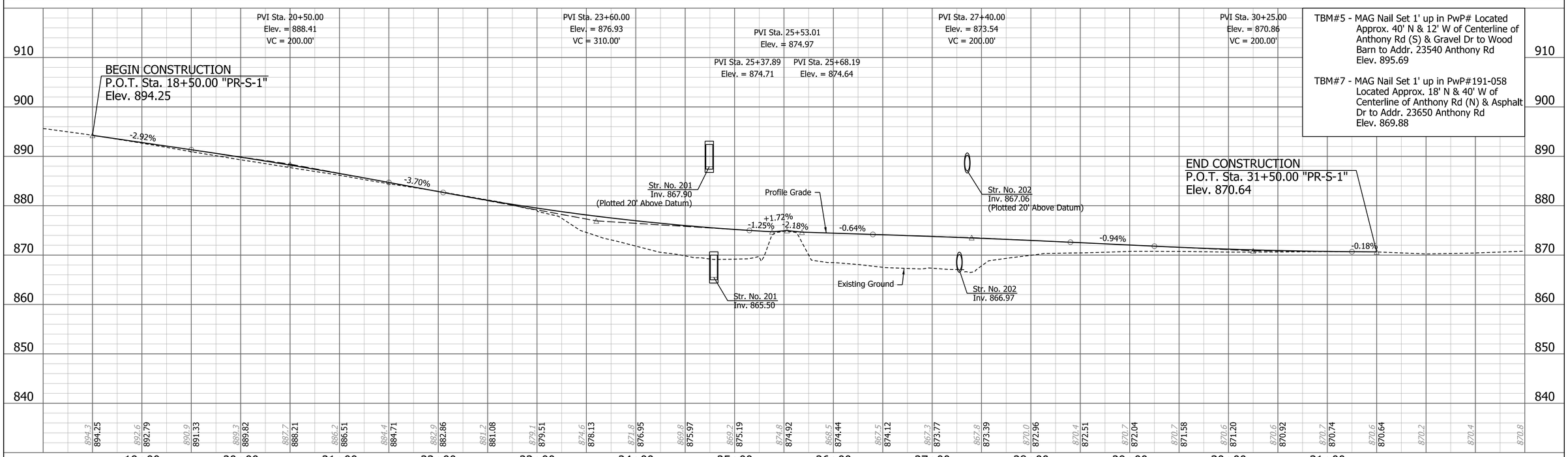

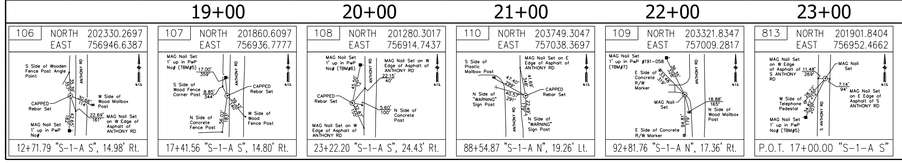

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	20 of 103
CONTRACT	PROJECT
R-41988	1802938

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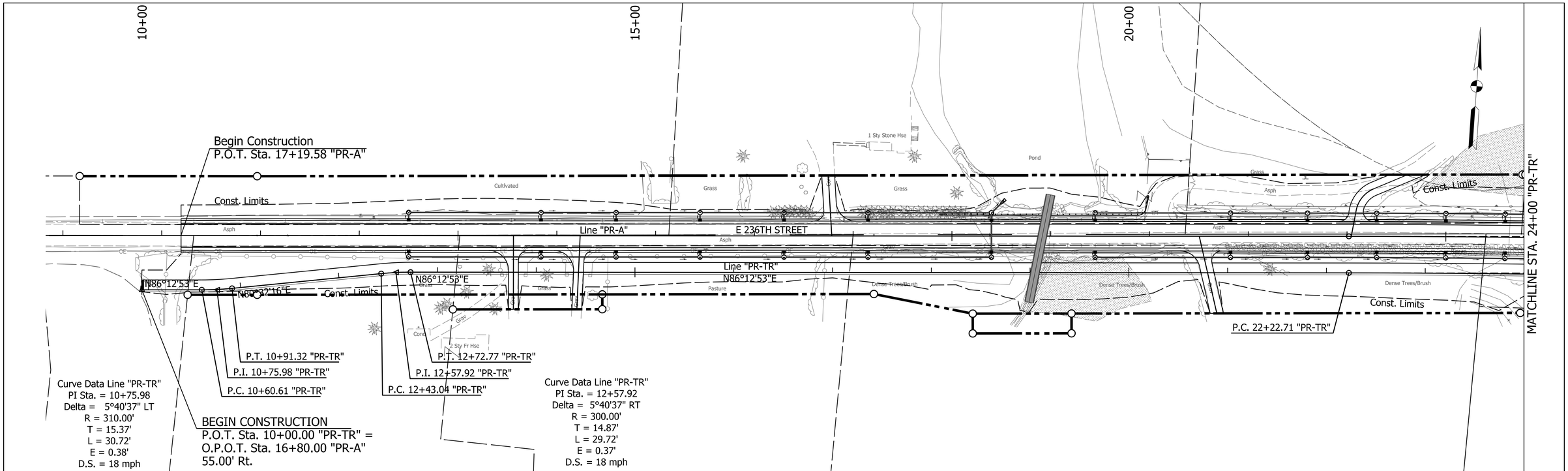
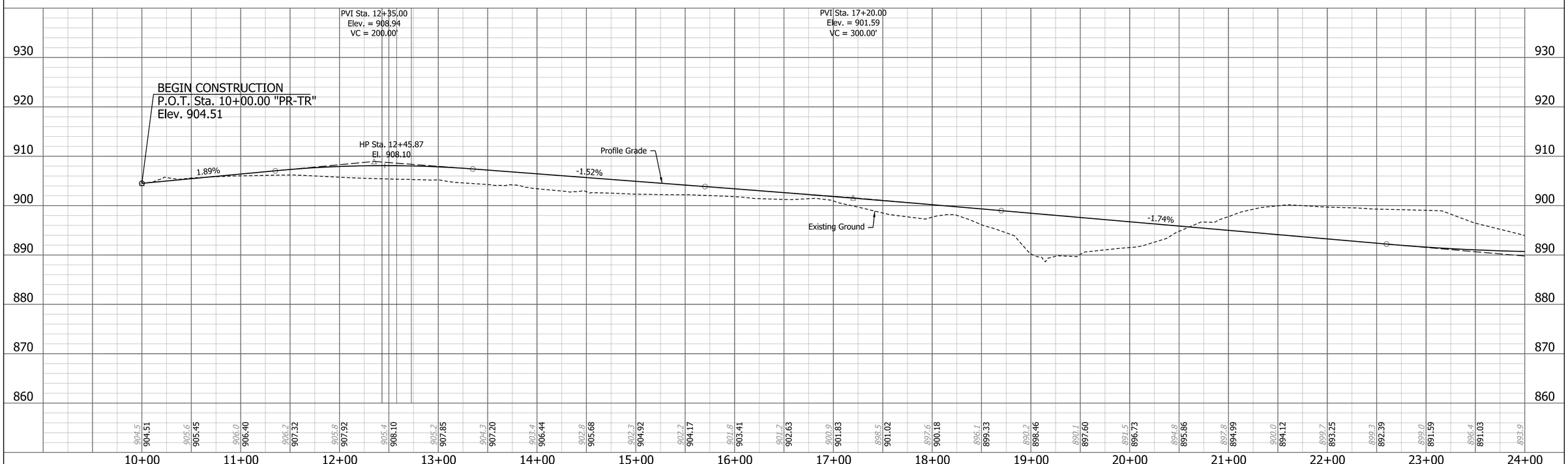
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:27:11 PM





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	21 of 103
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht PlanProf_07.dgn
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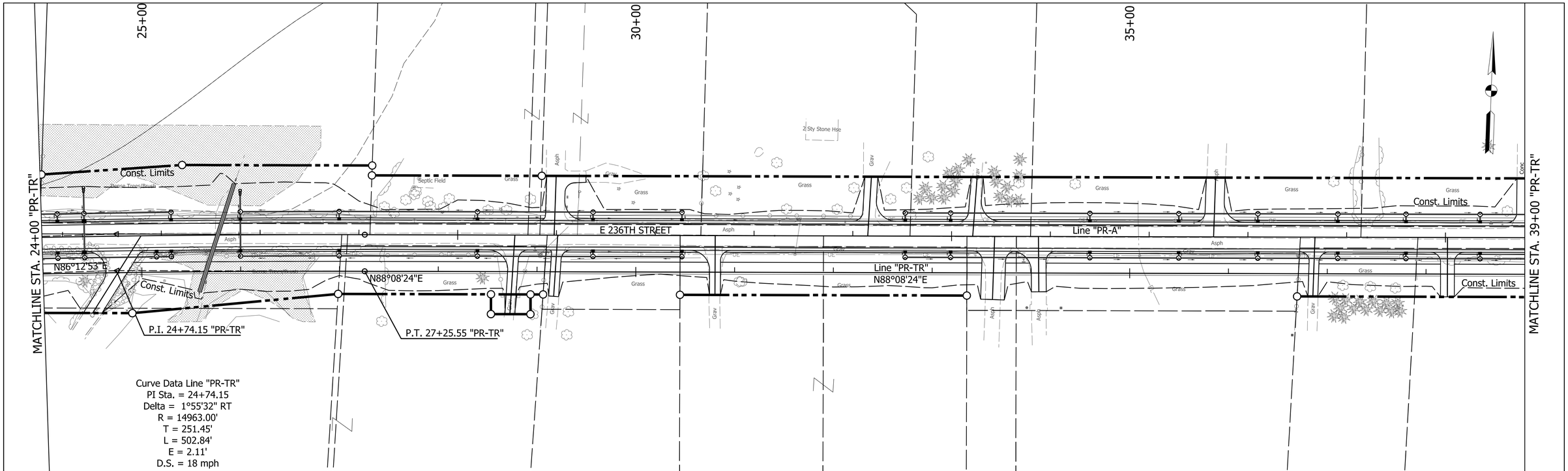
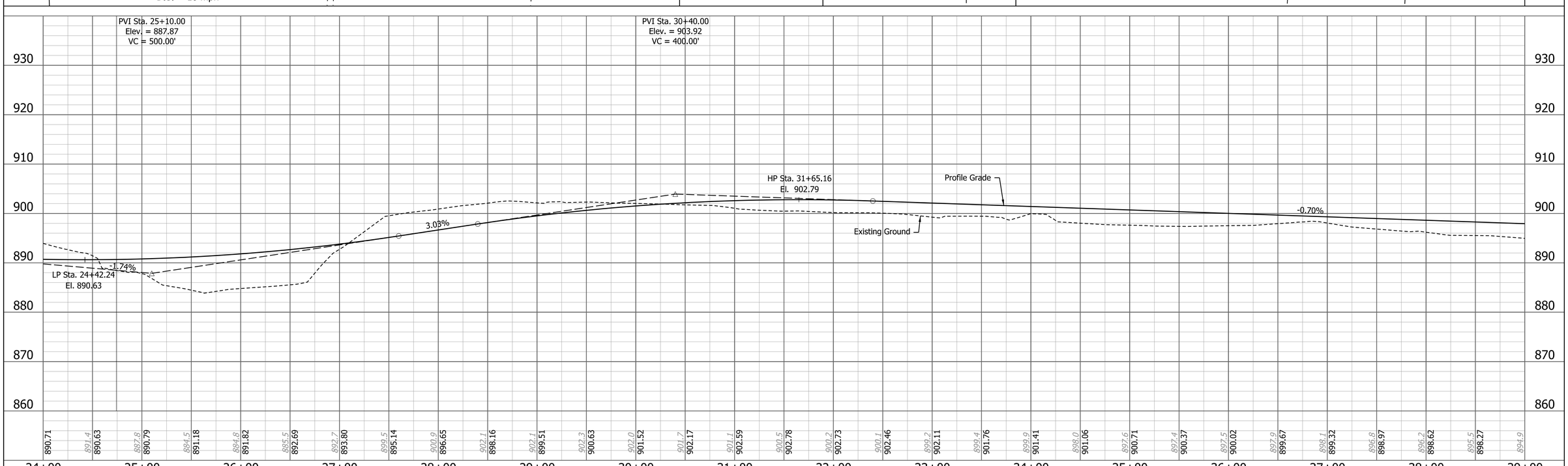
TIME PLOTTED: 3:27:23 PM





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	22 of 103
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht PlanProf_08.dgn
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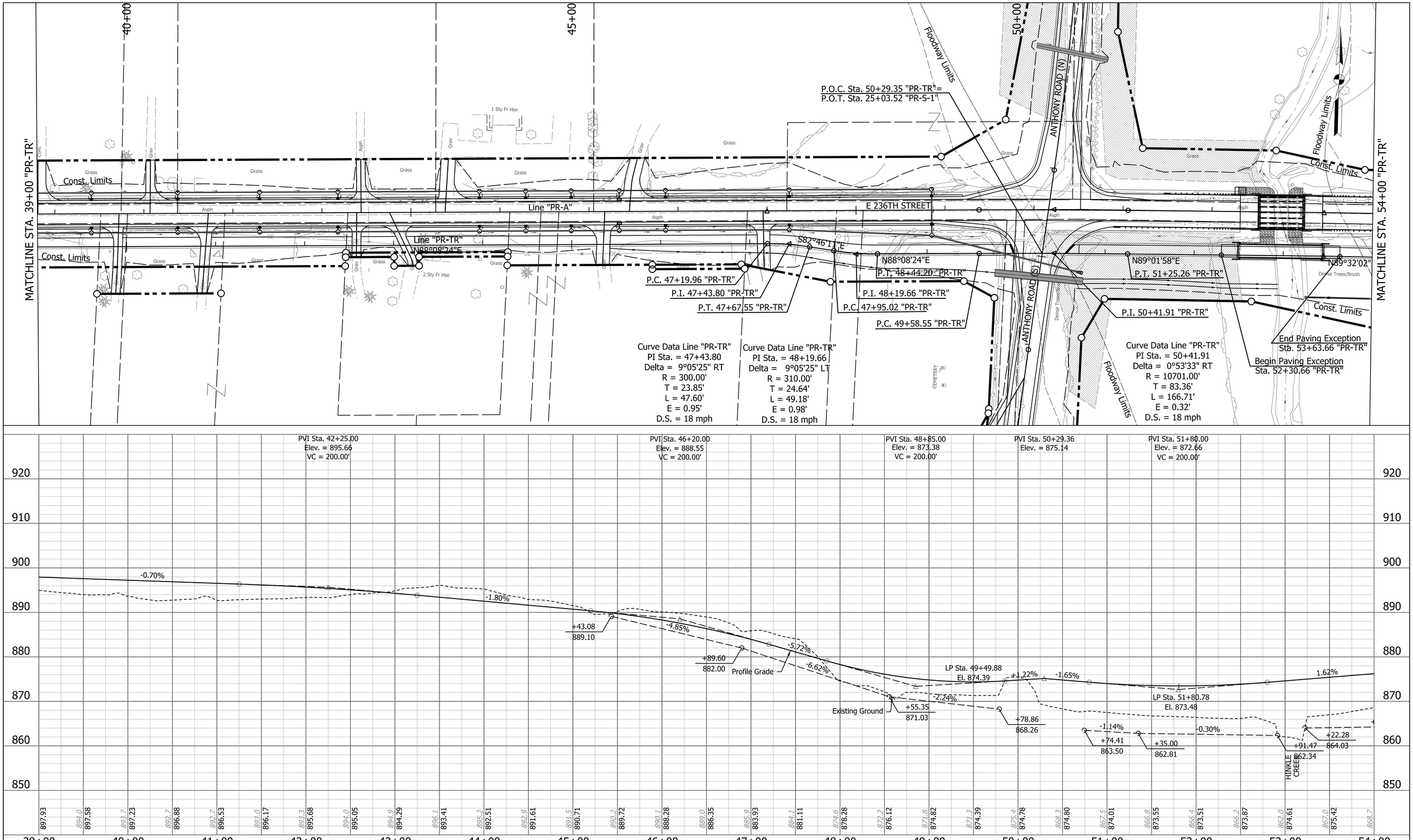

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MODEL NAME: Sht PlanProf_09
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:27:29 PM

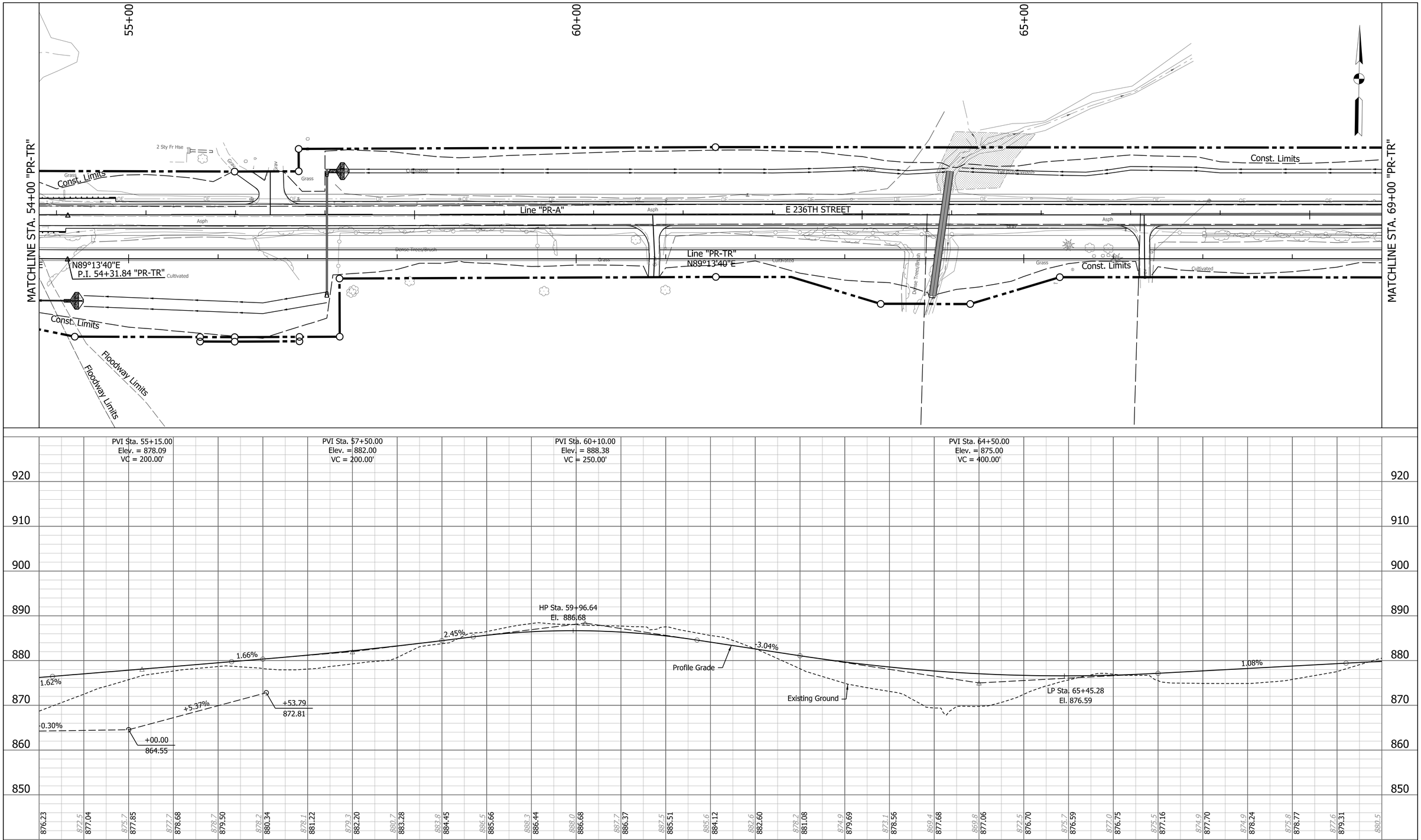
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	23 of 103
CONTRACT	PROJECT
R-41988	1802938



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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:27:38 PM

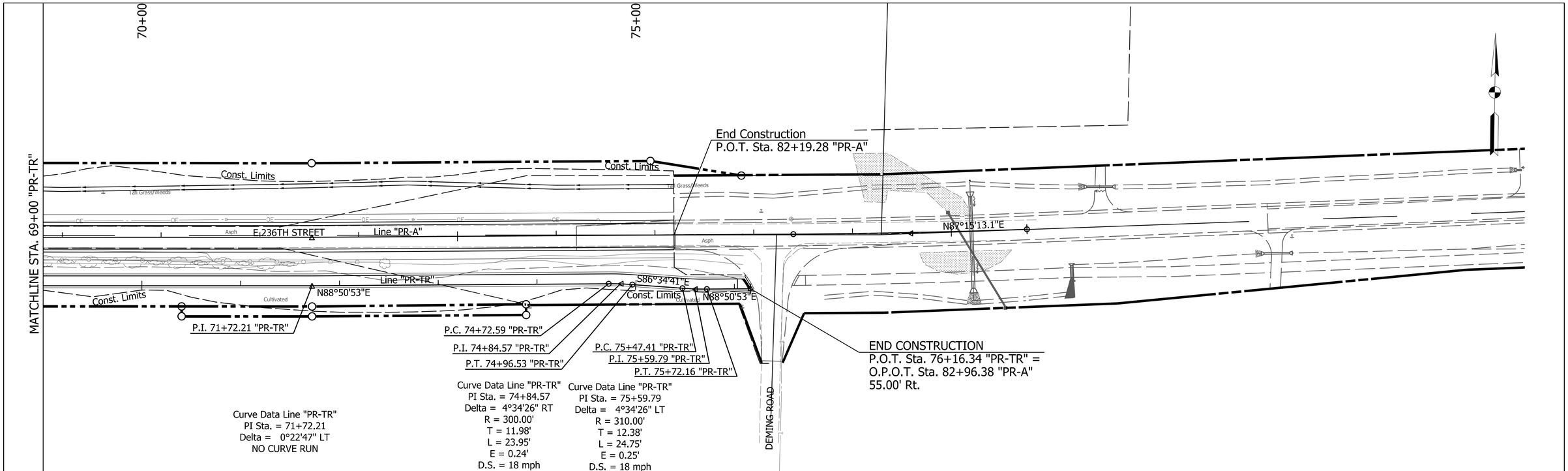
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

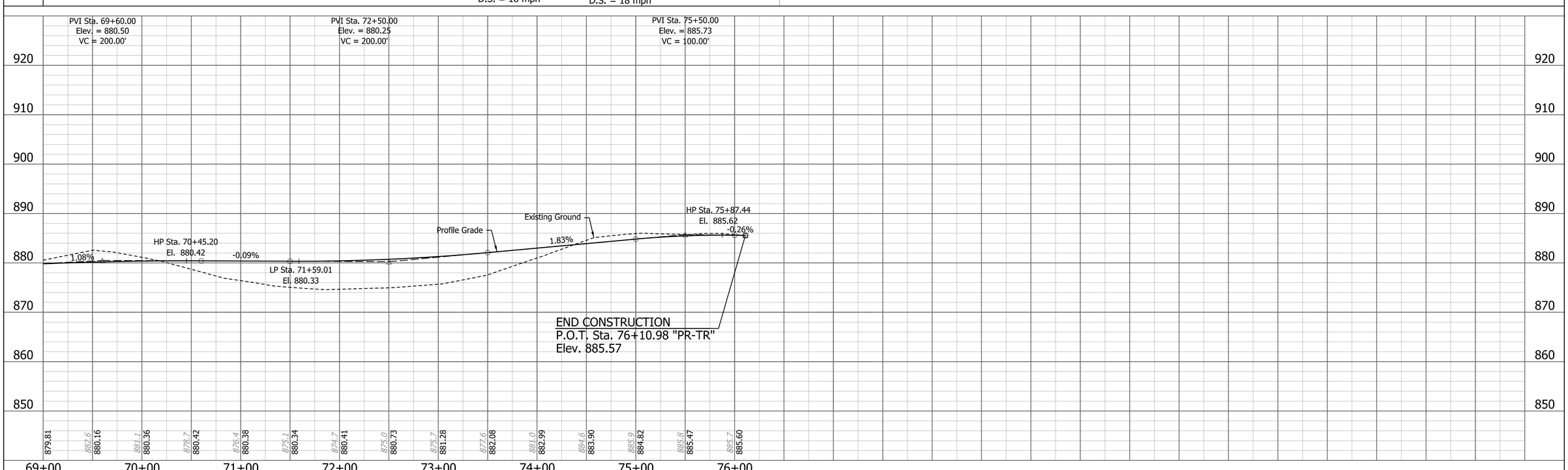
DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	24 of 103
CONTRACT	PROJECT
R-41988	1802938





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	25 of 103
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht PlanProf_11.dgn
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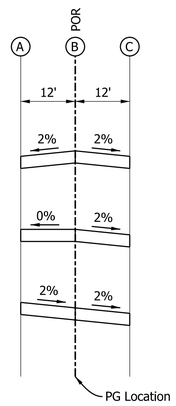
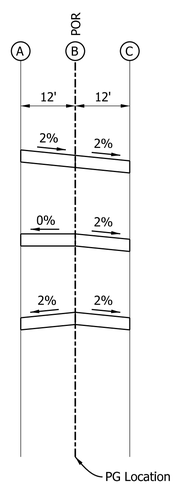
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:27:40 PM



① 18+70.00

② 19+12.50

③ 19+55.00

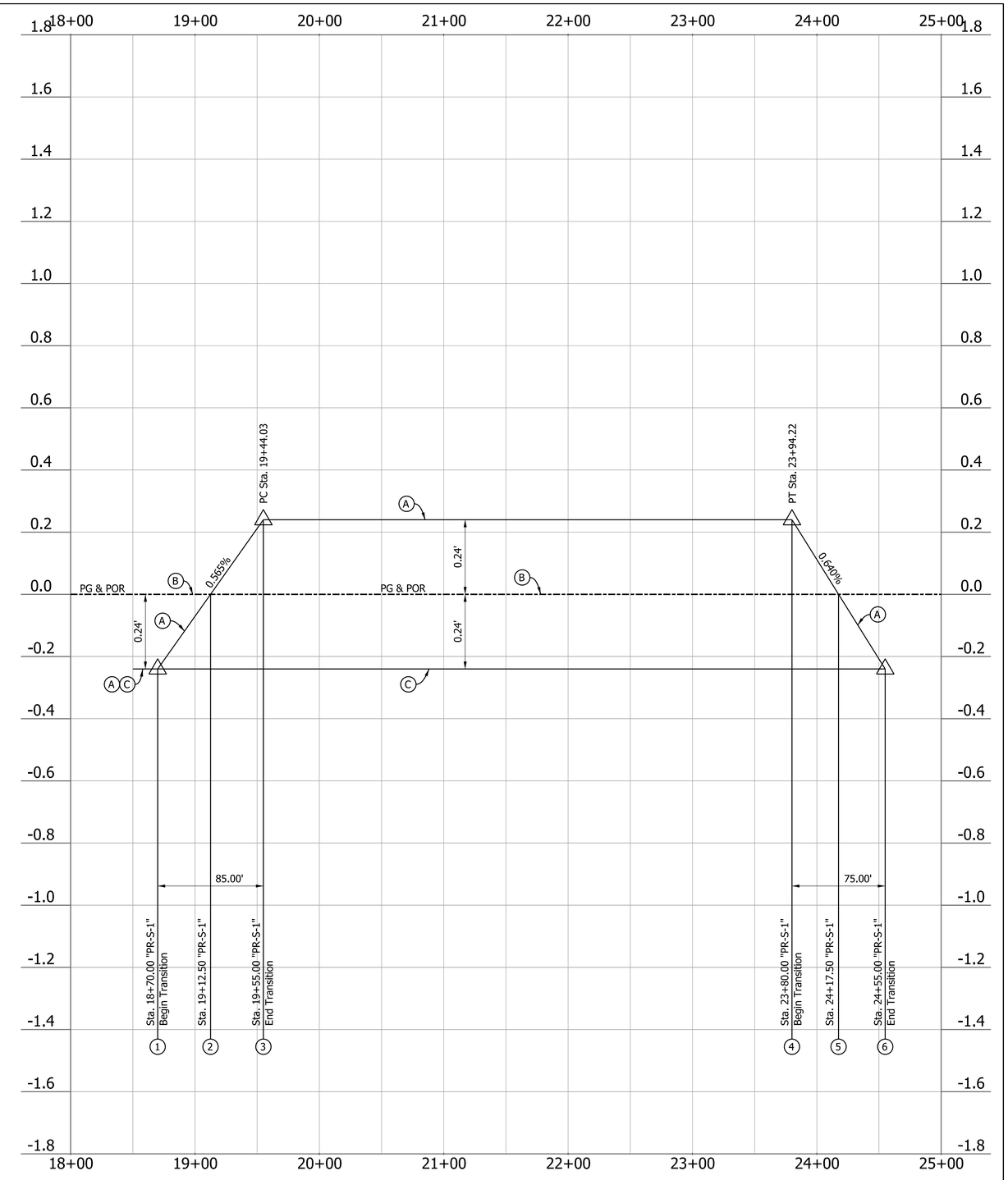


④ 23+80.00

⑤ 24+17.50

⑥ 24+55.00

CURVE DATA
PI = 21+69.29
Delta = 05°22'25" RT
D = 01°11'37"
R = 4800.00'
T = 225.26'
L = 450.19'
E = 5.28'
D.S. = 40 MPH
S.E. = R.C.



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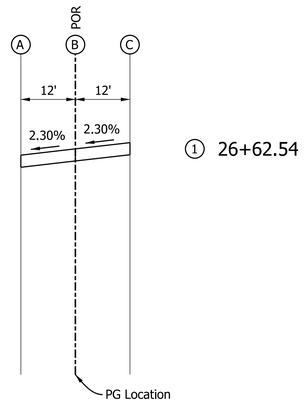
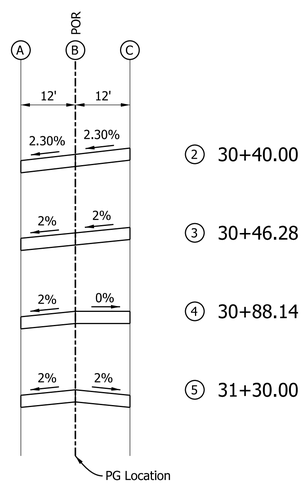
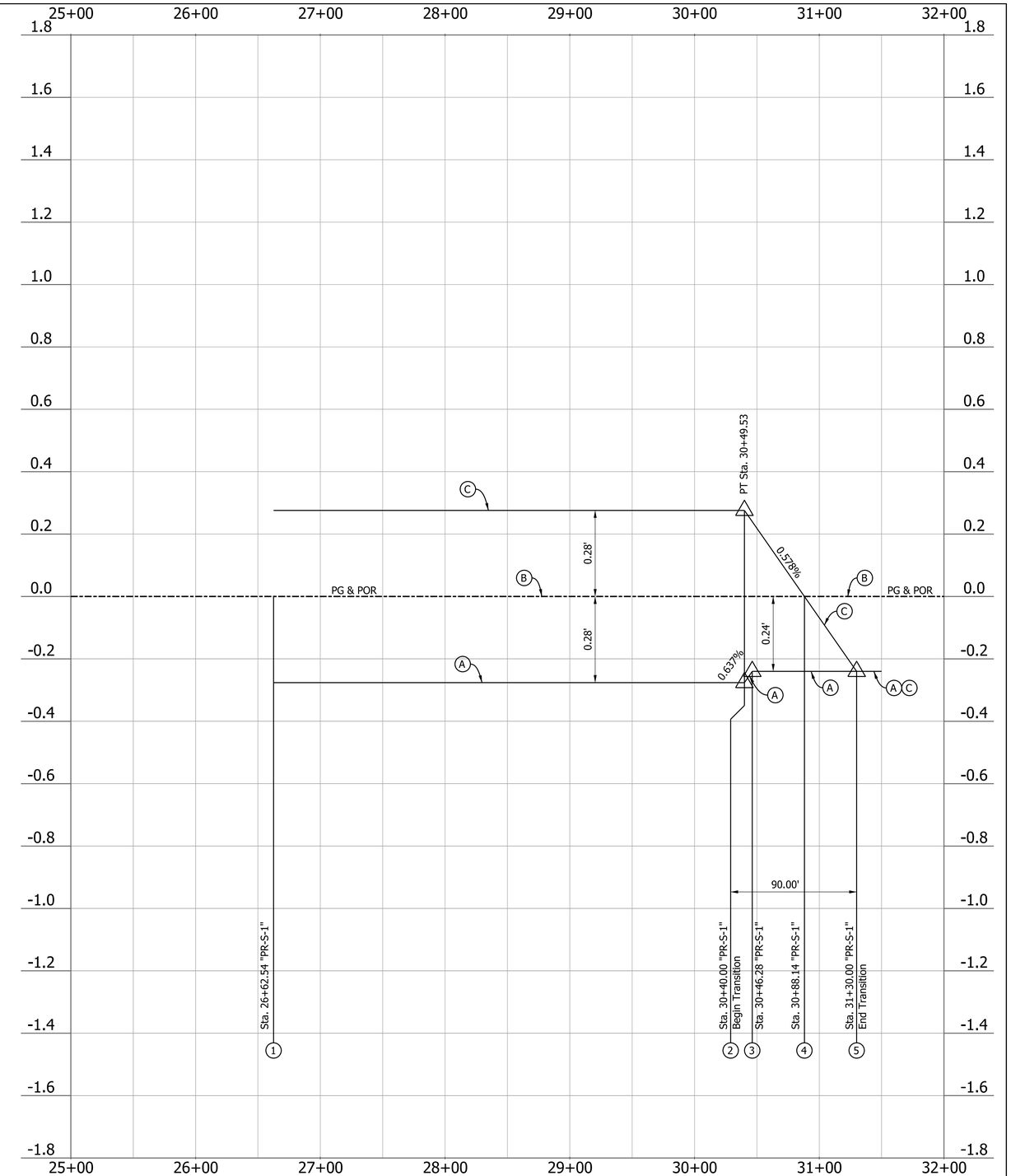
MODEL NAME: SE_01
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:27:42 PM

RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
		VERTICAL SCALE 1" = 0.2'	DESIGNATION 1802938
DESIGNED: BTK DRAWN: TPH CHECKED: SJS CHECKED: SJS	SUPERELEVATION DETAILS LINE "PR-S-1" - P.I. STA. 21+69.29	SURVEY BOOK	SHEETS 26 of 103
		CONTRACT R-41988	PROJECT 1802938





CURVE DATA
PI = 28+24.14
Delta = 07°36'28" LT
D = 01°41'07"
R = 3400.00'
T = 226.06'
L = 451.46'
E = 7.51'
D.S. = 40 MPH
S.E. = 2.30%



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MODEL NAME: SE_02
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:27:45 PM

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS
LINE "PR-S-1" - P.I. STA. 28+24.14

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 0.2'	1802938
SURVEY BOOK	SHEETS
	27 of 103
CONTRACT	PROJECT
R-41988	1802938

Sec. 31, T.20N., R.4E.
Jackson Twp.
Hamilton Co.

JAMES R. BORSE &
SARAH L. BORSE,
CO-TRUSTEES OF THE
BORSE FAMILY TRUST

20+00 "PR-A"

60' R/W

BEGIN CONSTRUCTION
P.O.T. Sta. 17+19.58 "PR-A"

+50.0 Str. No. 300
Manhole Type C-4
130' of 12" Pipe Req'd

+50.0 Str. No. 301
Inlet Type J-10 (Mod.)
5' of 12" Pipe Req'd

+84.0 Str. No. 304
Manhole Type C-4
72' of 12" Pipe Req'd.

+84.0 Str. No. 305
Inlet Type J-10 (Mod.)
5' of 12" Pipe Req'd.

+60.0 Str. No. 308
Manhole Type C-4
81' of 12" Pipe Req'd

+60.0 Str. No. 309
Inlet Type J-10 (Mod.)
5' of 12" Pipe Req'd

Const. Limits

App. Sec. Line

Line "PR-A"
N86°12'53"E

E 236TH STREET

+50.0 Str. No. 302
Inlet Type J-10 (Mod.)
3' of 12" Pipe Req'd

87°27'36"

N86°12'53"E

+50.0 Str. No. 303
Manhole Type C-4
130' of 12" Pipe Req'd

N80°32'16"E

Line "PR-TR"

N86°12'53"E

Const. Limits

60' R/W

P.C. 12+43.04 "PR-TR"

P.I. 12+57.92 "PR-TR"

P.T. 12+72.77 "PR-TR"

P.T. 10+91.32 "PR-TR"

P.I. 10+75.98 "PR-TR"

P.C. 10+60.61 "PR-TR"

BEGIN CONSTRUCTION
P.O.T. Sta. 10+00.00 "PR-TR" =
O.P.O.T. Sta. 16+80.00 "PR-A"
55.00' Rt.

+84.0 Str. No. 307
Manhole Type C-4
72' of 12" Pipe Req'd

+84.0 Str. No. 306
Inlet Type J-10 (Mod.)
3' of 12" Pipe Req'd

+56.10 "PR-A"
Cl. I Drive Req'd.
w = 10'

+23.63 "PR-A"
Cl. I Drive Req'd.
w = 10'

+60.0 Str. No. 310
Inlet Type J-10 (Mod.)
3' of 12" Pipe Req'd

+60.0 Str. No. 311
Manhole Type C-4
81' of 12" Pipe Req'd

MATCHLINE STA. 22+00.00 LINE "PR-A"
= STA. 15+20.87 LINE "PR-TR"

JOSEPH D. &
CECILIA A. KELLER

App. PL

10+00 "PR-TR"

Sec. 6, T.19N., R.4E.
Jackson Twp.
Hamilton Co.

Curve Data Line "PR-TR"
PI Sta. = 10+75.98
Delta = 5°40'37" LT
R = 310.00'
T = 15.37'
L = 30.72'
E = 0.38'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 12+57.92
Delta = 5°40'37" RT
R = 300.00'
T = 14.87'
L = 29.72'
E = 0.37'
D.S. = 18 mph

WILLIAM &
MICHELLE LEMAY

15+00 "PR-TR"

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	28 of 103
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht ConDet_01.dgn
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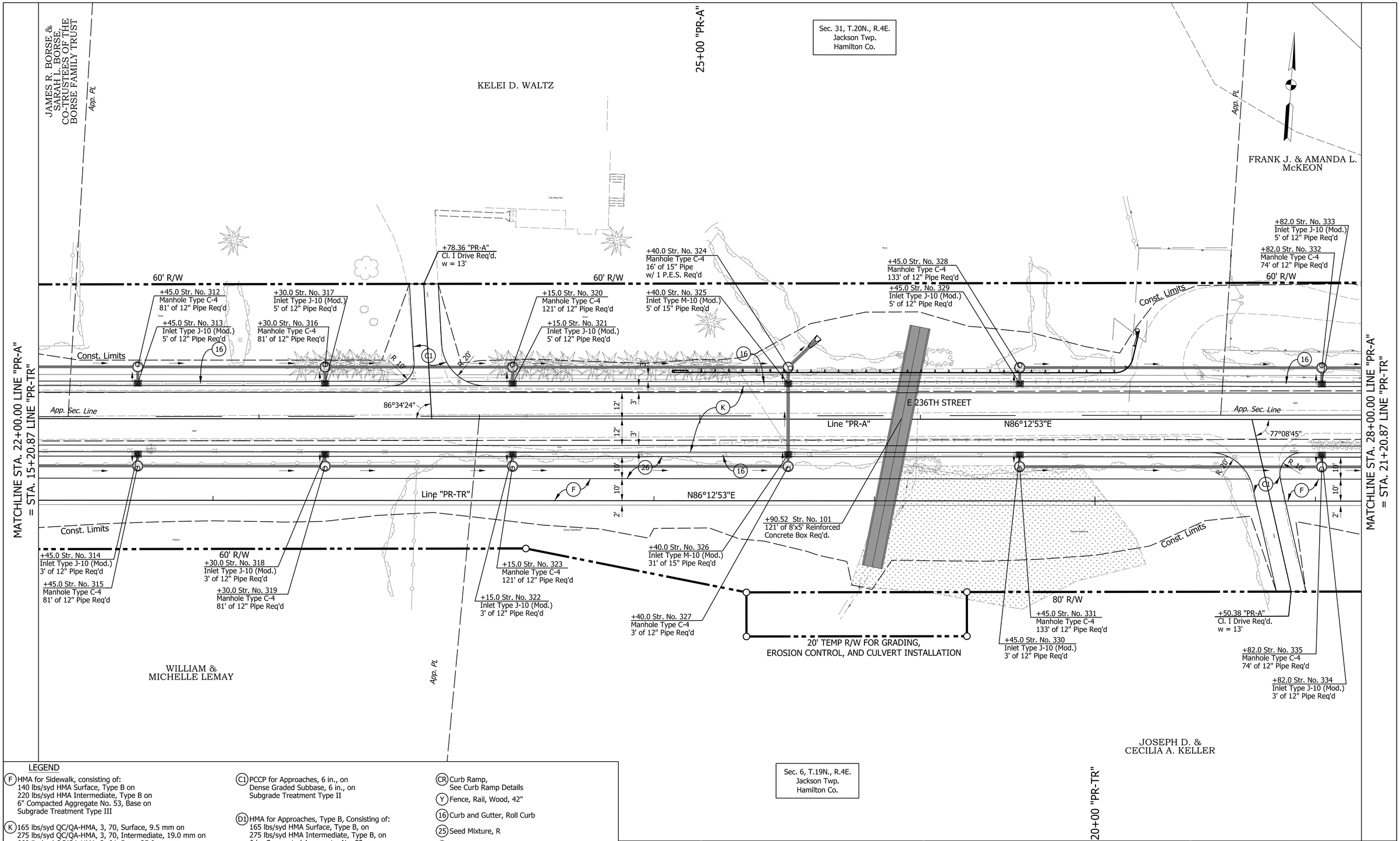
TIME PLOTTED: 3:27:51 PM



LEGEND

- (F) HMA for Sidewalk, consisting of:
  140 lbs/syd HMA Surface, Type B on
  220 lbs/syd HMA Intermediate, Type B on
  6" Compacted Aggregate No. 53, Base on
  Subgrade Treatment Type III
- (K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
  275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
  660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
  250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
  6" Compacted Aggregate No. 53 on
  Subgrade Treatment Type IB
- (K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
  275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
  660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
  Subgrade Treatment Type IB
- (C1) PCCP for Approaches, 6 in., on
  Dense Graded Subbase, 6 in., on
  Subgrade Treatment Type II
- (D1) HMA for Approaches, Type B, Consisting of:
  165 lbs/syd HMA Surface, Type B, on
  275 lbs/syd HMA Intermediate, Type B, on
  6 in. Compacted Aggregate, No. 53, on
  Subgrade Treatment Type II
- (D2) HMA for Approaches, Type B, Consisting of:
  165 lbs/syd HMA Surface, Type B, on
  275 lbs/syd HMA Intermediate, Type B, on
  660 lbs/syd HMA Base, Type B, on
  Subgrade Treatment Type II, on
  Geogrid, Type IB
- (CR) Curb Ramp, See Curb Ramp Details
- (Y) Fence, Rail, Wood, 42"
- (16) Curb and Gutter, Roll Curb
- (25) Seed Mixture, R
- (26) Sodding
- Wetlands Area

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht ConDet_02.dgn
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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:27:56 PM

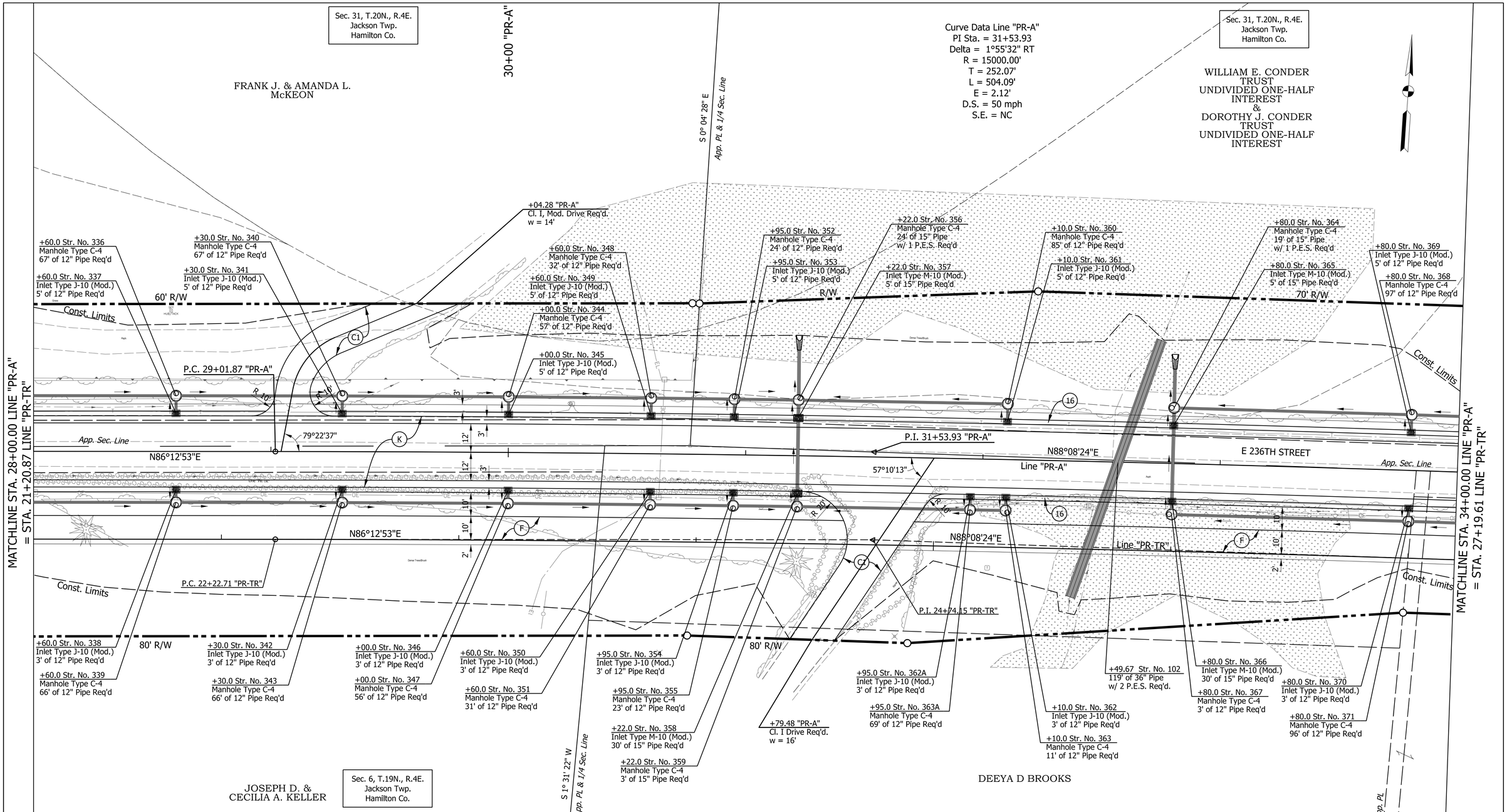
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	29 of 103
CONTRACT	PROJECT
R-41988	1802938



LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht ConDet_03.dgn
MODEL NAME: Sht CD_03
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:28:01 PM

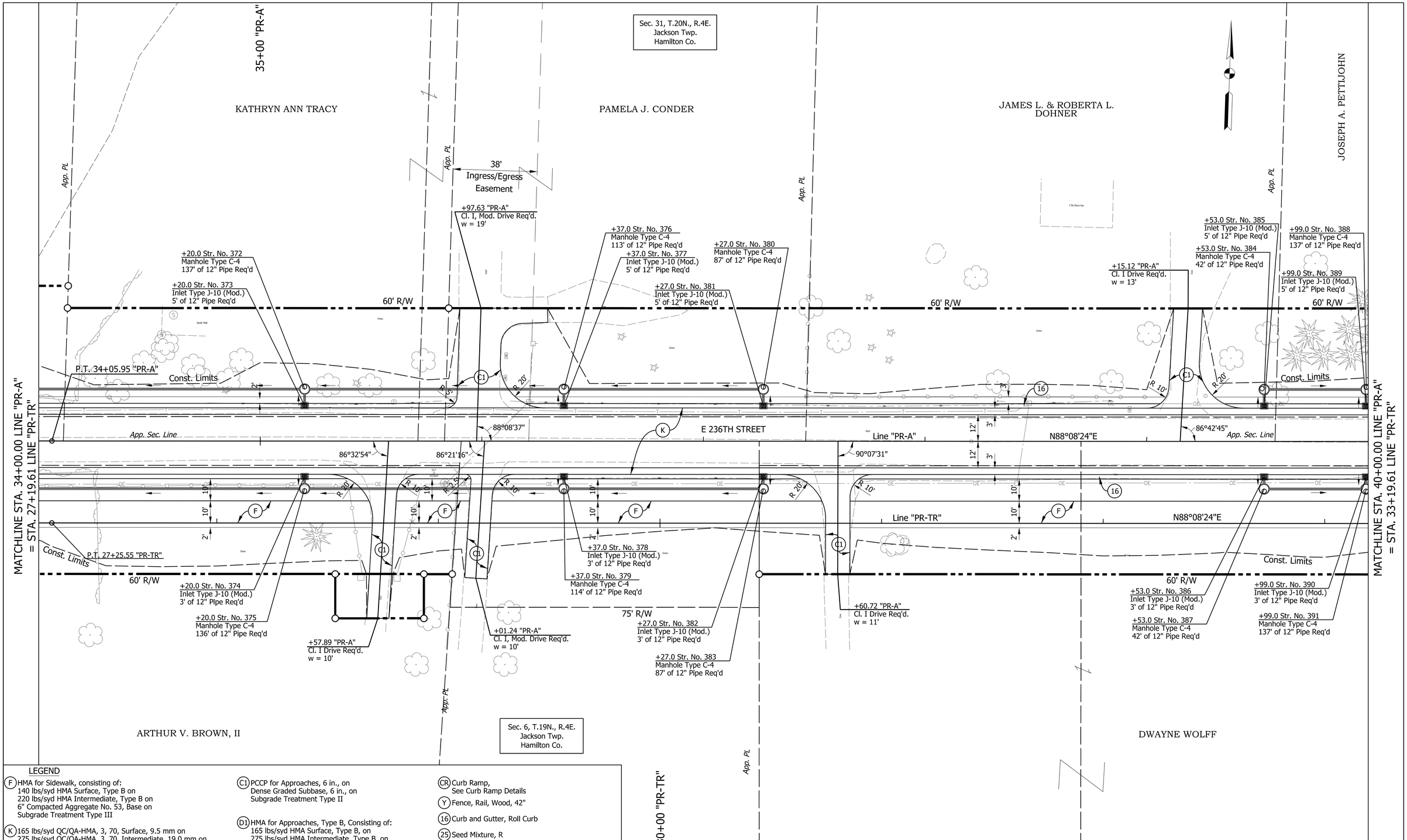
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	30 of 103
CONTRACT	PROJECT
R-41988	1802938



LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	31 of 103
CONTRACT	PROJECT
R-41988	1802938

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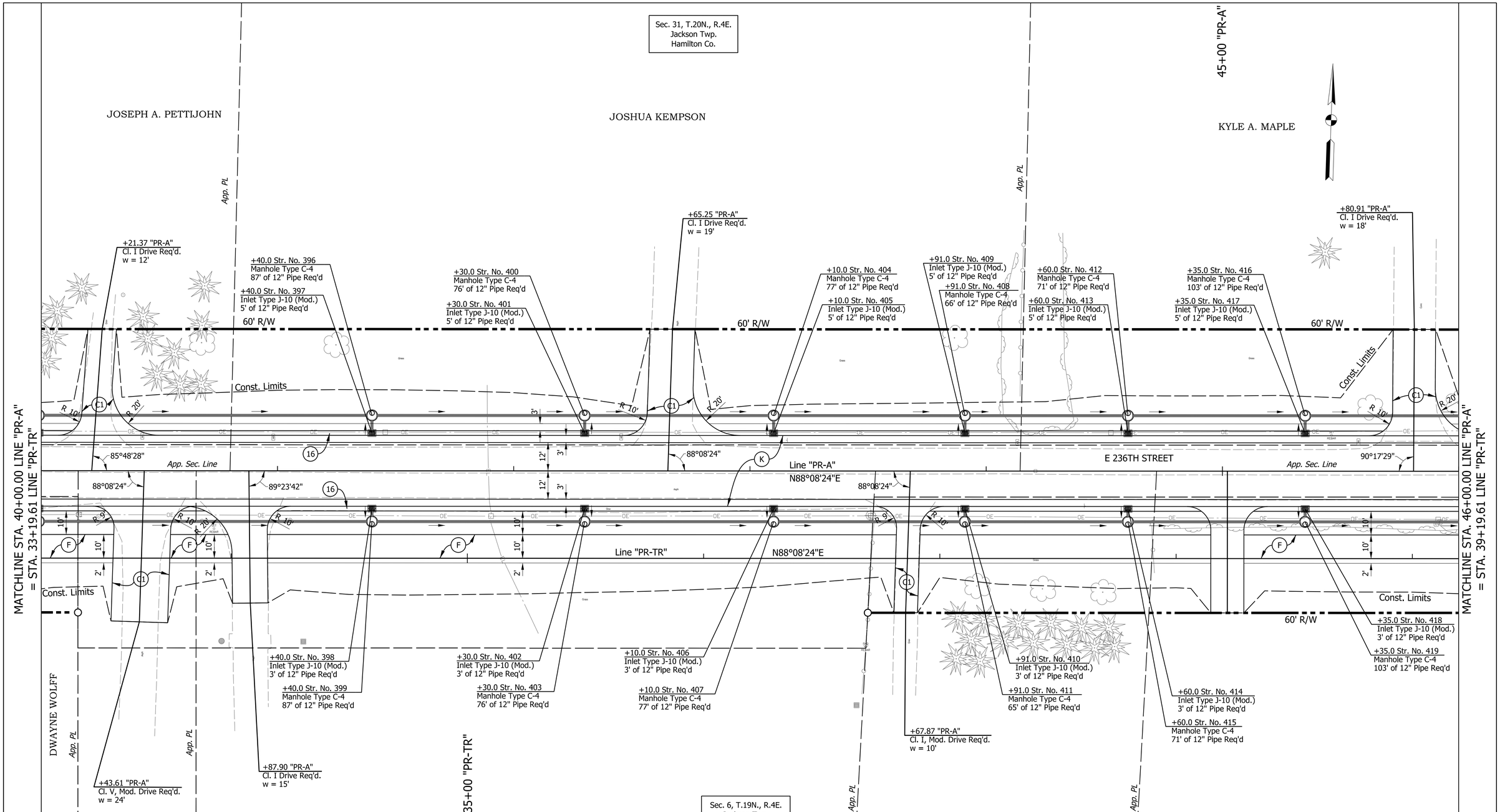

LEGEND

- (F) HMA for Sidewalk, consisting of:
  140 lbs/syd HMA Surface, Type B on
  220 lbs/syd HMA Intermediate, Type B on
  6" Compacted Aggregate No. 53, Base on
  Subgrade Treatment Type III
- (K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
  275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
  660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
  250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
  6" Compacted Aggregate No. 53 on
  Subgrade Treatment Type IB
- (K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
  275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
  660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
  Subgrade Treatment Type IB
- (C1) PCCP for Approaches, 6 in., on
  Dense Graded Subbase, 6 in., on
  Subgrade Treatment Type II
- (D1) HMA for Approaches, Type B, Consisting of:
  165 lbs/syd HMA Surface, Type B, on
  275 lbs/syd HMA Intermediate, Type B, on
  6 in. Compacted Aggregate, No. 53, on
  Subgrade Treatment Type II
- (D2) HMA for Approaches, Type B, Consisting of:
  165 lbs/syd HMA Surface, Type B, on
  275 lbs/syd HMA Intermediate, Type B, on
  660 lbs/syd HMA Base, Type B, on
  Subgrade Treatment Type II, on
  Geogrid, Type IB
- (CR) Curb Ramp,
  See Curb Ramp Details
- (Y) Fence, Rail, Wood, 42"
- (16) Curb and Gutter, Roll Curb
- (25) Seed Mixture, R
- (26) Sodding
- Wetlands Area

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	32 of 103
CONTRACT	PROJECT
R-41988	1802938

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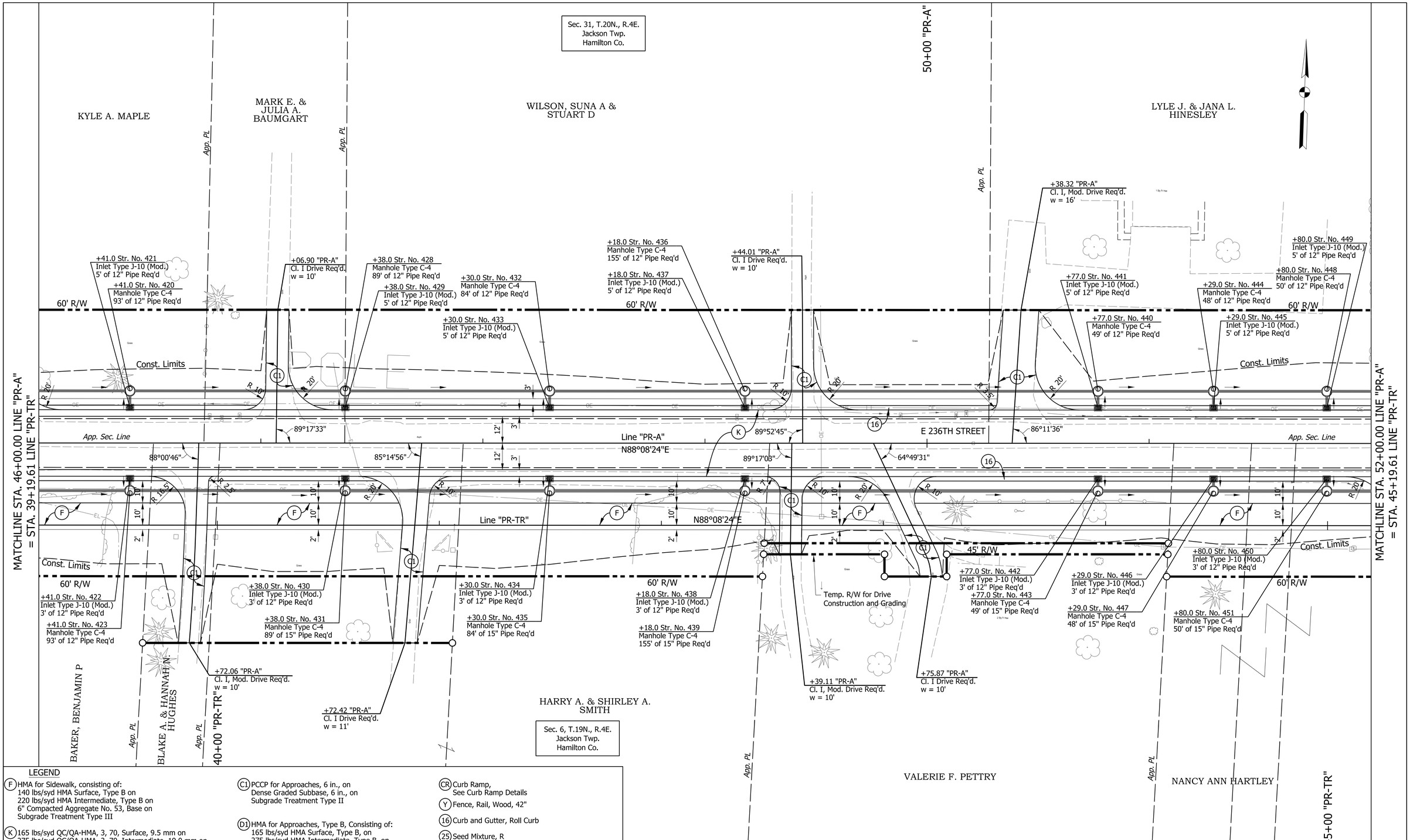

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	33 of 103
CONTRACT	PROJECT
R-41988	1802938

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TIME PLOTTED: 3:28:08 PM

Sec. 31, T.20N., R.4E.
Jackson Twp.
Hamilton Co.

DOUGLAS R. & CAROL A. SANQUNETTI

55+00 "PR-A"

Curve Data Line "PR-A"
PI Sta. = 57+21.94
Delta = 0°53'33" RT
R = 10750.00'
T = 83.74'
L = 167.48'
E = 0.33'
D.S. = 50 mph

+31.92 "PR-S-1"
Str. No. 202

ANTHONY ROAD

WRC LAND HOLDINGS LLC

App. Sec. Line

Const. Limits

Floodway Limits

App. PL

+45.31 "PR-A"
Cl. I Drive Req'd.
w = 16'

+34.0 Str. No. 453
Inlet Type HA-5
7' of 12" Pipe Req'd

+34.0 Str. No. 452
Manhole Type C-4
48' of 12" Pipe Req'd

+86.0 Str. No. 456
Manhole Type C-4
136' of 15" Pipe Req'd

+86.0 Str. No. 457
Inlet Type J-10 (Mod.)
5' of 12" Pipe Req'd

+25.0 Str. No. 460
Manhole Type C-4
156' of 15" Pipe Req'd

+25.0 Str. No. 461
Inlet Type J-10 (Mod.)
5' of 12" Pipe Req'd

+85.0 Str. No. 464
Manhole Type C-4
5' of 15" Pipe Req'd

+85.0 Str. No. 465
Inlet Type M-10 (Mod.)
30' of 15" Pipe Req'd

60' R/W

P.I. 57+21.94 "PR-A"

Sta. 57+16.28 "PR-A"
= Sta. 25+53.01 "PR-S-1"

P.C. 56+38.20 "PR-A"

E 236TH STREET

Line "PR-A"
N88°08'24"E

N89°13'40"E

MATCHLINE STA. 58+00.00 LINE "PR-A"
= STA. 51+19.69 LINE "PR-TR"

85°01'57"

87°23'47"

89°07'13"

R 20'

R 13.5'

R 10'

N88°08'24"E

P.C. 47+19.96 "PR-TR"

S82°46'11"E

Line "PR-TR"

N88°08'24"E

N89°13'40"E

P.T. 47+67.55 "PR-TR"

P.I. 47+43.80 "PR-TR"

P.T. 48+44.20 "PR-TR"

P.C. 49+58.55 "PR-TR"

P.I. 50+41.91 "PR-TR"

P.I. 48+19.66 "PR-TR"

P.C. 47+95.02 "PR-TR"

+34.0 Str. No. 454
Inlet Type HA-5
5' of 12" Pipe Req'd

+34.0 Str. No. 455
Manhole Type C-4
48' of 15" Pipe Req'd

Temp. R/W for Grading

+17.75 "PR-A"
Cl. I Drive Req'd.
w = 15'

+86.0 Str. No. 458
Inlet Type J-10 (Mod.)
3' of 12" Pipe Req'd

+86.0 Str. No. 459
Manhole Type C-4
136' of 15" Pipe Req'd

+25.0 Str. No. 463
Manhole Type C-4
157' of 15" Pipe Req'd

+25.0 Str. No. 462
Inlet Type J-10 (Mod.)
3' of 12" Pipe Req'd

+95.61 "PR-A"
Cl. I, Mod. Drive Req'd.
w = 14'

80' R/W

+85.0 Str. No. 467
Manhole Type C-4
171' of 18" Pipe
w/ 1 P.E.S. Req'd

+85.0 Str. No. 466
Inlet Type M-10 (Mod.)
10' of 15" Pipe Req'd

+78.91 "PR-S-1"
Str. No. 201

P.O.C. Sta. 50+29.35 "PR-TR"=
P.O.T. Sta. 25+03.52 "PR-S-1"

Curve Data Line "PR-TR"
PI Sta. = 47+43.80
Delta = 9°05'25" RT
R = 300.00'
T = 23.85'
L = 47.60'
E = 0.95'
D.S. = 18 mph

NANCY ANN HARTLEY

Sec. 6, T.19N., R.4E.
Jackson Twp.
Hamilton Co.

ANTHONY A. & KRISTEN A. ABRAMS

NOTE: ENVIRONMENTALLY SENSATIVE AREA. Contractor shall not excavate, stage equipment, or stockpile materials outside of the construction limits along this parcel.

JAMES W. HODGIN

Curve Data Line "PR-TR"
PI Sta. = 48+19.66
Delta = 9°05'25" LT
R = 310.00'
T = 24.64'
L = 49.18'
E = 0.98'
D.S. = 18 mph

Curve Data Line "PR-TR"
PI Sta. = 50+41.91
Delta = 0°53'33" RT
R = 10701.00'
T = 83.36'
L = 166.71'
E = 0.32'
D.S. = 18 mph

App. Sec. Line

Line "PR-S-1"

50+00 "PR-TR"

ANTHONY ROAD

LITA LEE & JOHN FLINN FAMILY HOLDINGS, LLC

Floodway Limits

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	34 of 103
CONTRACT	PROJECT
R-41988	1802938

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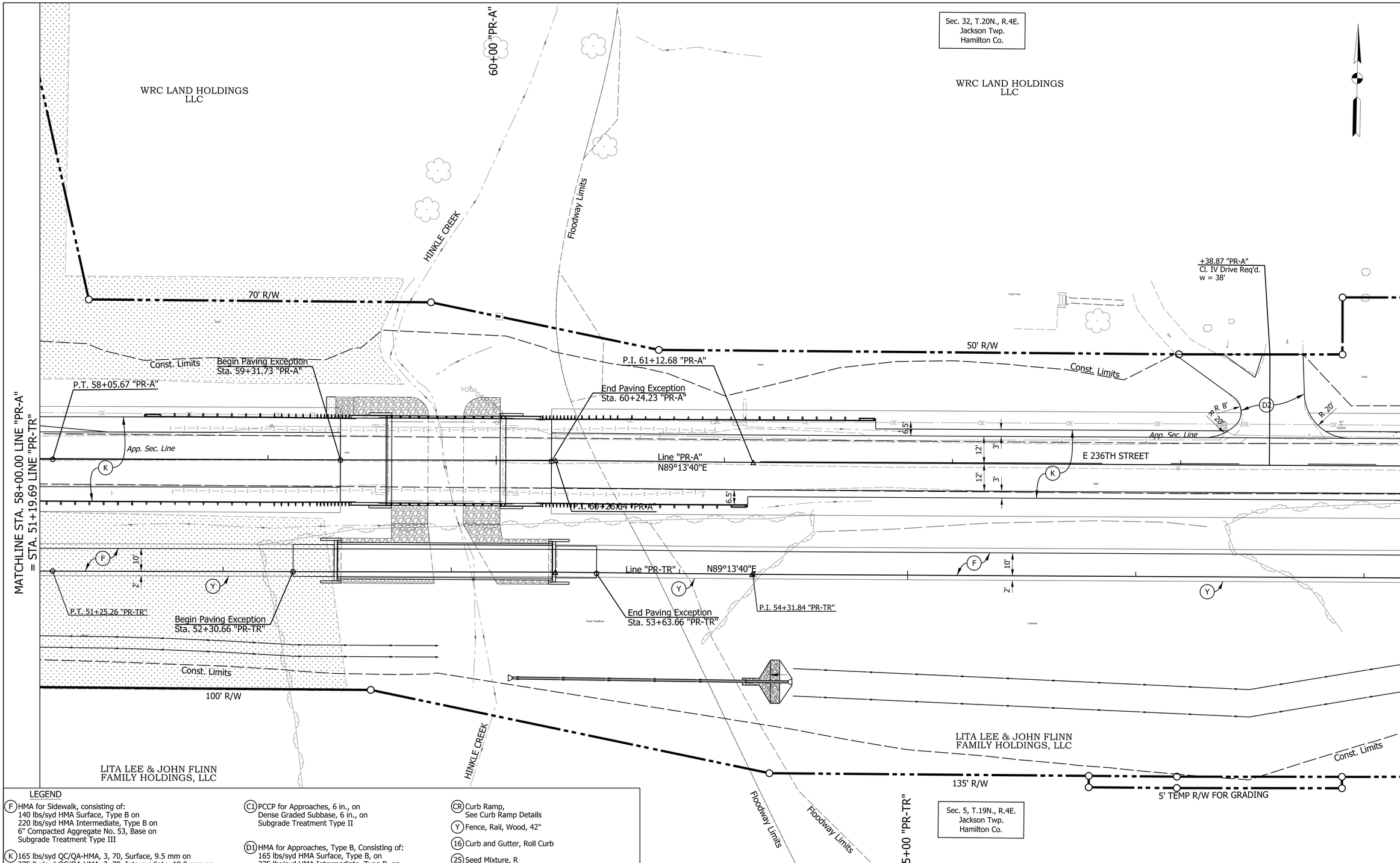

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
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660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
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(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
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165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
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275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
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(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	35 of 103
CONTRACT	PROJECT
R-41988	1802938

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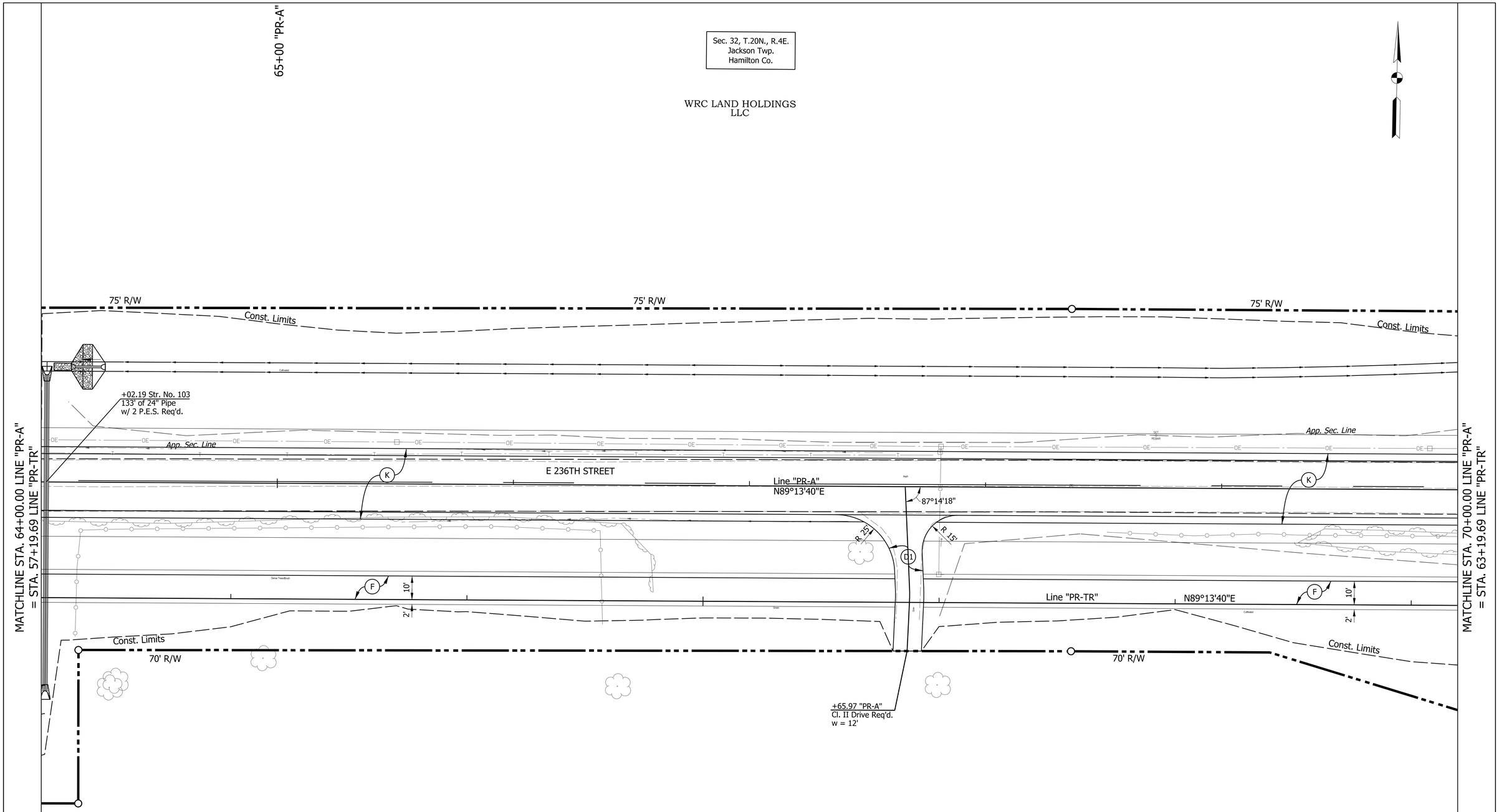

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
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660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
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(C1) PCCP for Approaches, 6 in., on
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275 lbs/syd HMA Intermediate, Type B, on
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Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
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Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
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(Y) Fence, Rail, Wood, 42"

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Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
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INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	36 of 103
CONTRACT	PROJECT
R-41988	1802938

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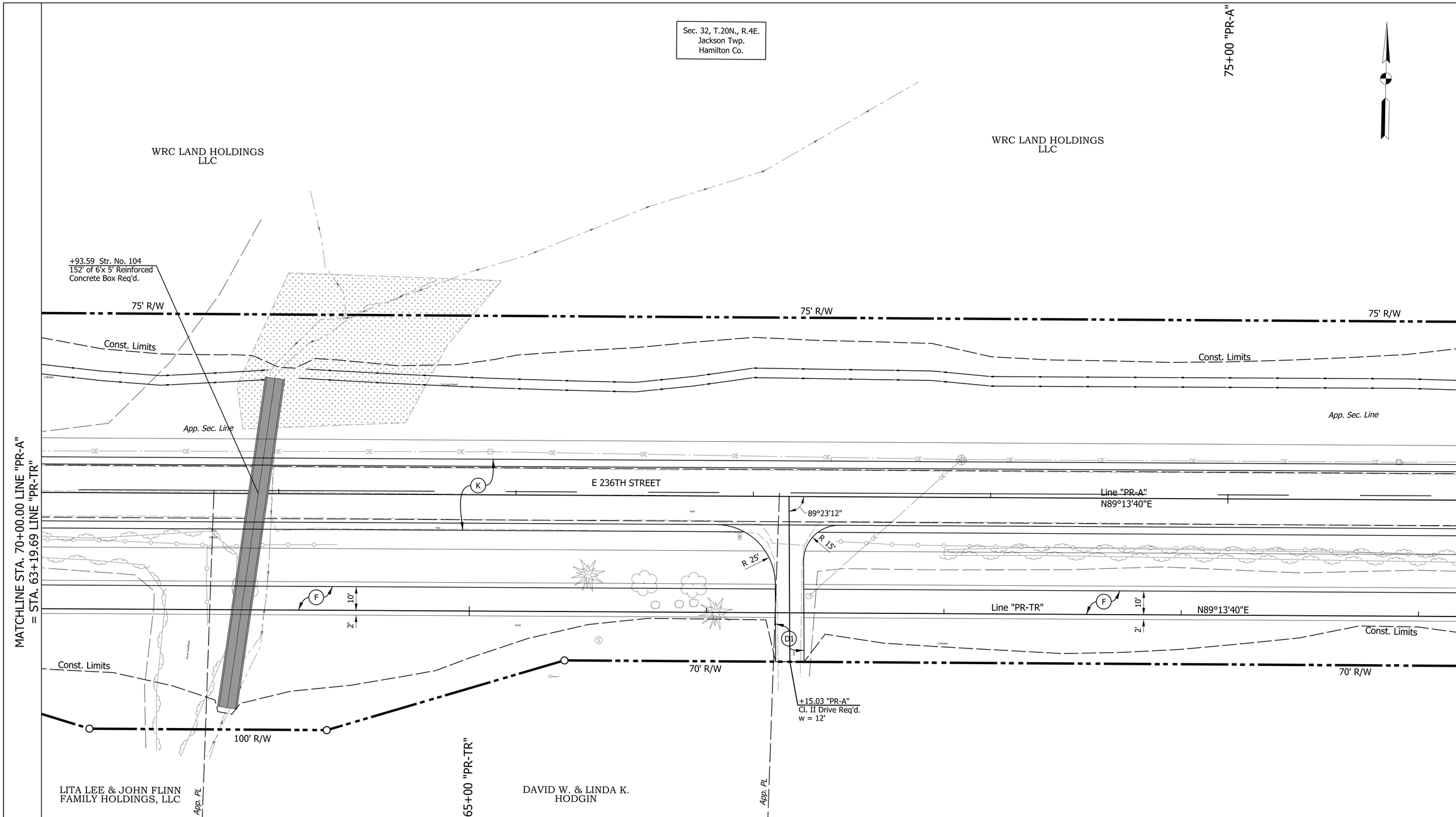

LEGEND

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660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
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660 lbs/syd HMA Base, Type B, on
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Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	37 of 103
CONTRACT	PROJECT
R-41988	1802938

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MODEL NAME: Sht CD_10
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:28:30 PM

Sec. 32, T.20N., R.4E.
Jackson Twp.
Hamilton Co.

Curve Data Line "PR-A"
PI Sta. = 78+52.62
Delta = 0°22'47" LT
NO CURVE RUN

80+00 "PR-A"

WRC LAND HOLDINGS
LLC

75' R/W

Const. Limits

App. Sec. Line

P.I. 78+52.62 "PR-A"

K

N89°13'40"E

Line "PR-A"
N88°50'53"E

E 236TH STREET

MATCHLINE STA. 76+00.00 LINE "PR-A"
= STA. 69+19.69 LINE "PR-TR"

F

10'

2'

N89°13'40"E

Line "PR-TR"

N88°50'53"E

S86°34'41"E

Const. Limits

P.I. 71+72.21 "PR-TR"

70' R/W

10' Temp. R/W for Grading

P.C. 74+72.59 "PR-TR"

P.I. 74+84.57 "PR-TR"

P.T. 74+96.54 "PR-TR"

MATCHLINE STA. 82+00.00 LINE "PR-A"
= STA. 75+19.79 LINE "PR-TR"

70+00 "PR-TR"

LITA LEE & JOHN FLINN
FAMILY HOLDINGS, LLC

Curve Data Line "PR-TR"
PI Sta. = 71+72.21
Delta = 0°22'47" LT
NO CURVE RUN

Sec. 5, T.19N., R.4E.
Jackson Twp.
Hamilton Co.

Curve Data Line "PR-TR"
PI Sta. = 74+84.57
Delta = 4°34'26" RT
R = 300.00'
T = 11.98'
L = 23.95'
E = 0.24'
D.S. = 18 mph

75+00 "PR-TR"

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	38 of 103
CONTRACT	PROJECT
R-41988	1802938

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TIME PLOTTED: 3:28:38 PM

Sec. 32, T.20N., R.4E.
Jackson Twp.
Hamilton Co.

WRC LAND HOLDINGS
LLC

Curve Data Line "PR-A"
PI Sta. = 84+58.37
Delta = 1°35'40" LT
R = 8500.00'
T = 118.28'
L = 236.54'
E = 0.82'
D.S. = 50 mph
S.E. = NC

85+00 "PR-A"

S 1° 05' 24" W
App. 1/4 Sec. Line

GARY S. & PAMELA L.
ZIEGER

Note: E 236th St. east of "End Construction" has been recently reconstructed.
Additional survey will be collected for future submittal, to ensure a seemless
transition at the end of construction.

60' Ex. R/W

END CONSTRUCTION
P.O.T. Sta. 82+19.28 "PR-A"

App. Sec. Line

Const. Limits

P.C. 83+40.09 "PR-A"

P.T. 85+76.63 "PR-A"

App. Sec. Line

MATCHLINE STA. 82+00.00 LINE "PR-A"
= STA. 75+19.79 LINE "PR-TR"

E 236TH STREET

Line "PR-A"
N88°50'53"E

N87°15'13"E

P.I. 84+58.37 "PR-A"

Const. Limits

DEMING ROAD

Line "PR-TR"
S86°34'41"E
Const. Limits

N88°50'53"E

10'

2'

70' Ex. R/W

P.T. 75+72.16 "PR-TR"

P.I. 75+59.79 "PR-TR"

P.C. 75+47.41 "PR-TR"

END CONSTRUCTION
P.O.T. Sta. 76+16.34 "PR-TR" =
O.P.O.T. Sta. 82+96.38 "PR-A"
55.00' Rt.

LITA LEE & JOHN FLINN
FAMILY HOLDINGS, LLC

Sec. 5, T.19N., R.4E.
Jackson Twp.
Hamilton Co.

S 2° 21' 59" W
App. 1/4 Sec. Line

Curve Data Line "PR-TR"
PI Sta. = 75+59.79
Delta = 4°34'26" LT
R = 310.00'
T = 12.38'
L = 24.75'
E = 0.25'
D.S. = 18 mph

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED
FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-A" & LINE "PR-TR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	39 of 103
CONTRACT	PROJECT
R-41988	1802938

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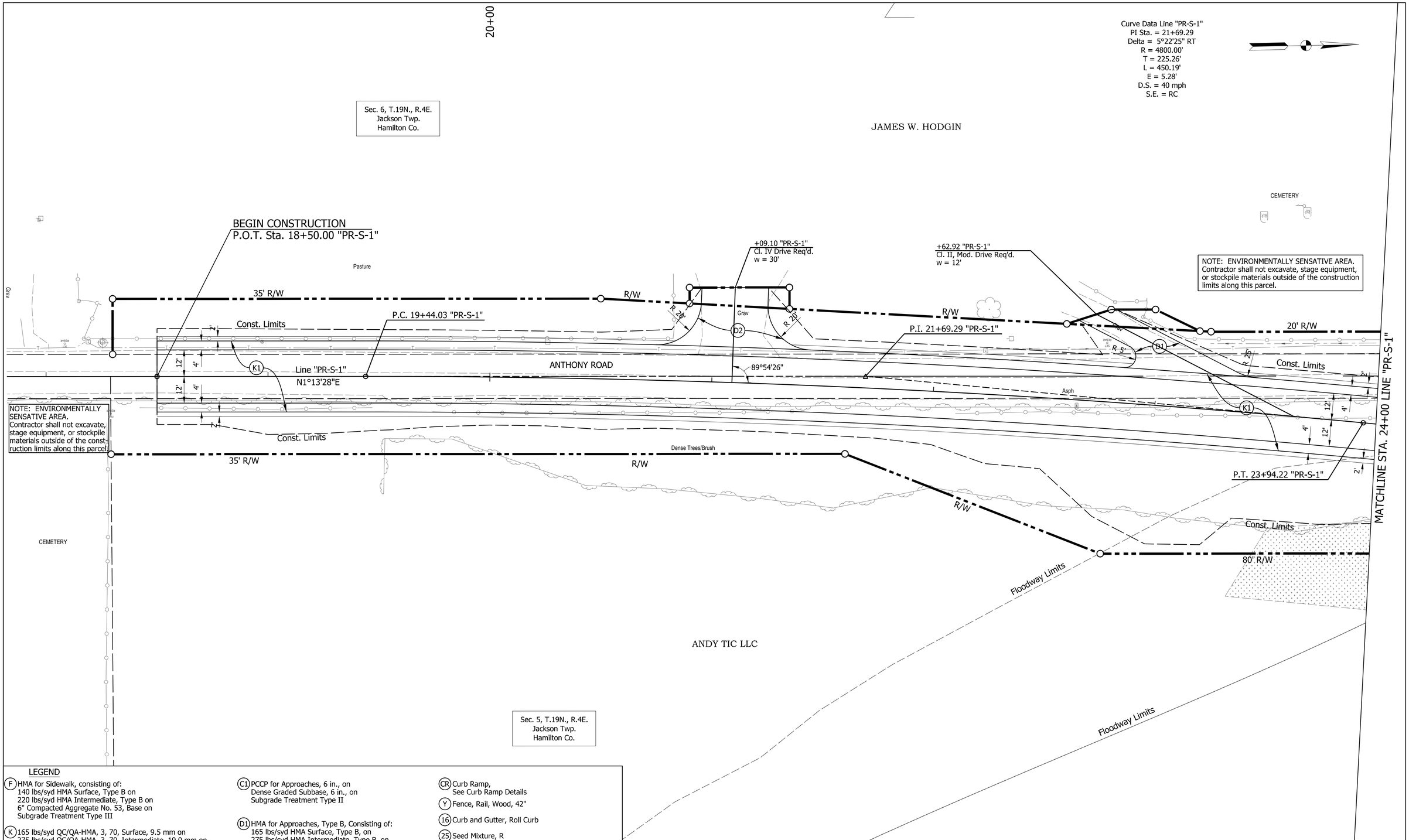

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	40 of 103
CONTRACT	PROJECT
R-41988	1802938

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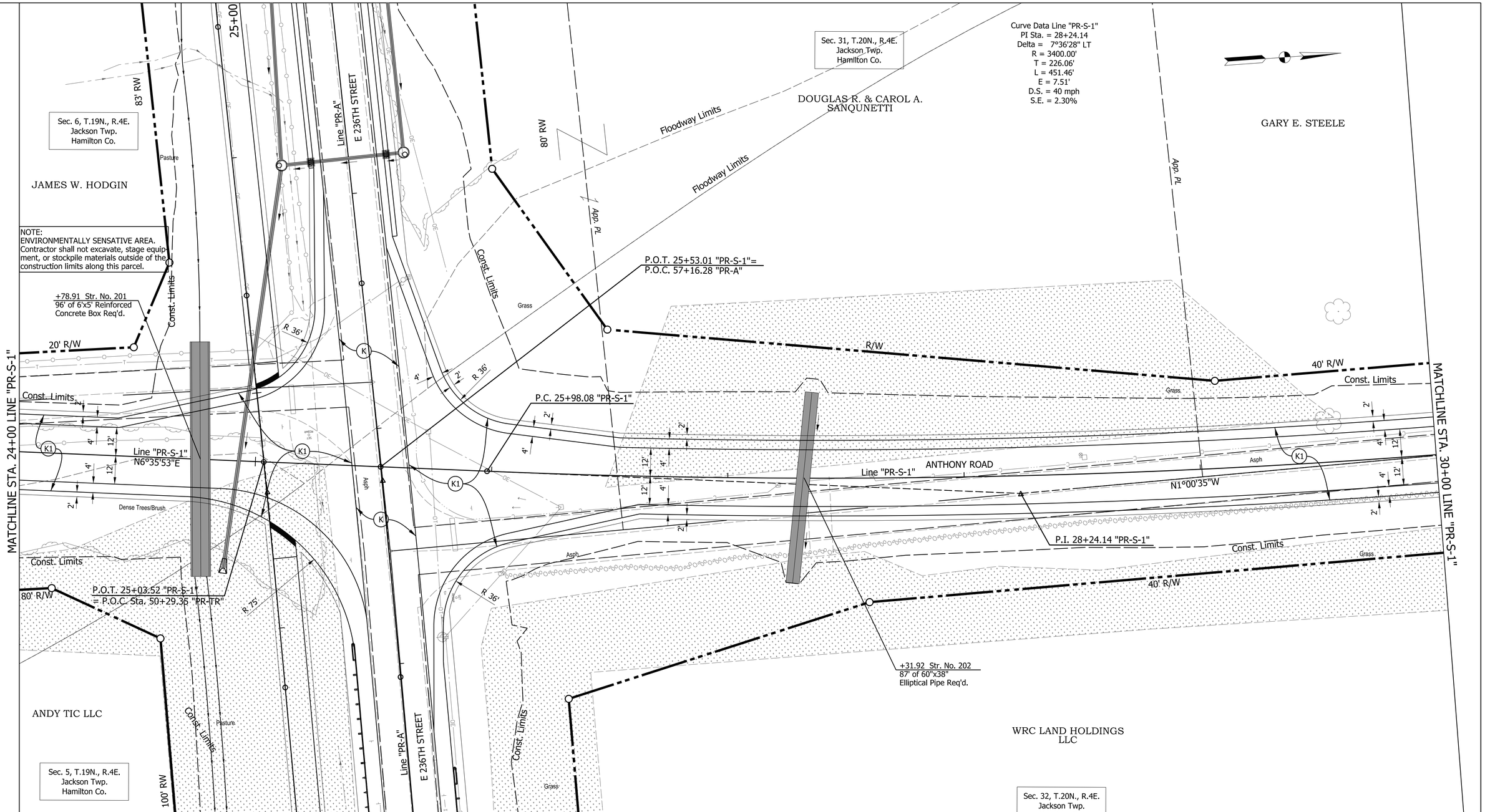

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	41 of 103
CONTRACT	PROJECT
R-41988	1802938

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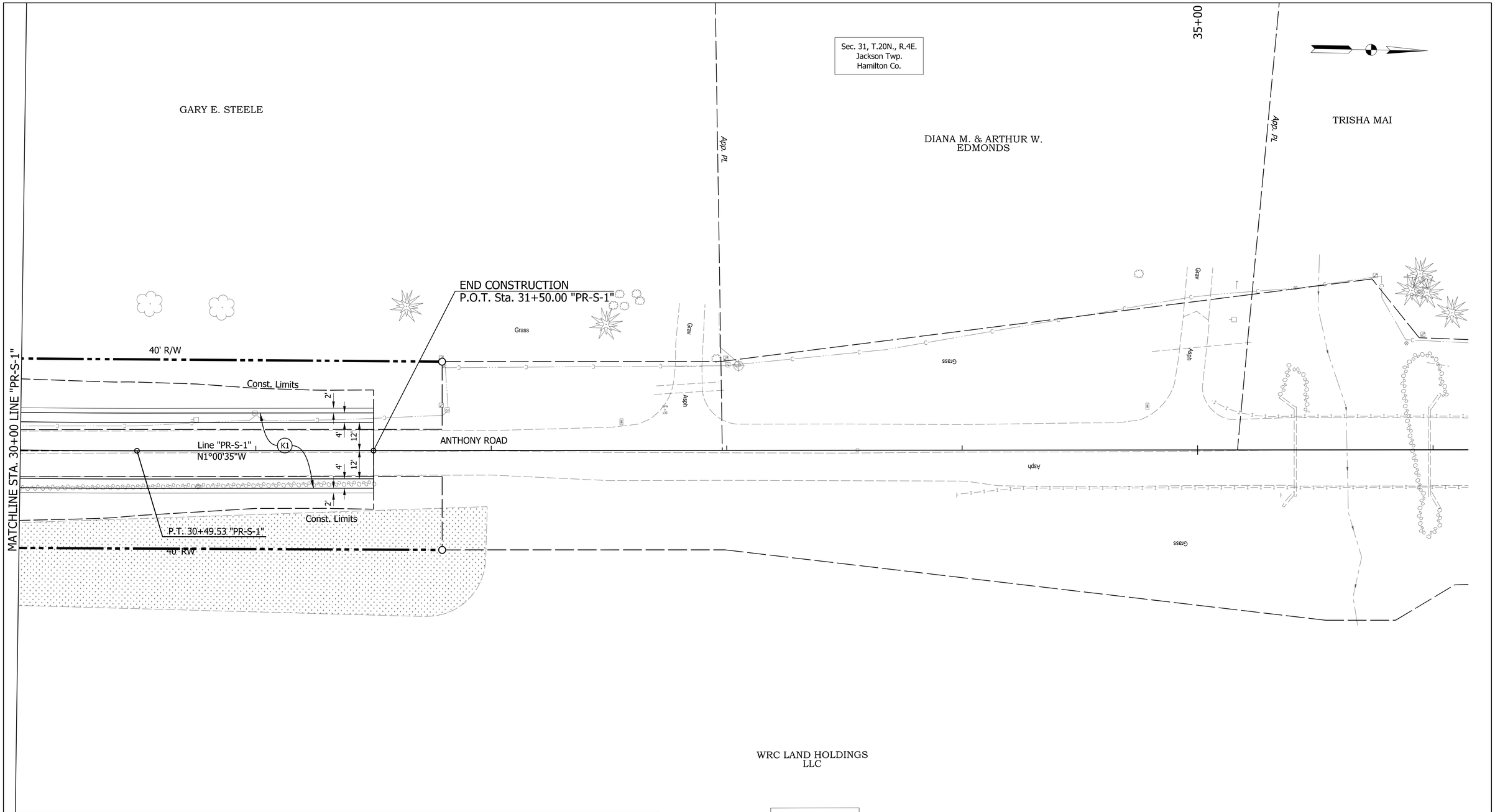

LEGEND

(F) HMA for Sidewalk, consisting of:
140 lbs/syd HMA Surface, Type B on
220 lbs/syd HMA Intermediate, Type B on
6" Compacted Aggregate No. 53, Base on
Subgrade Treatment Type III

(K) 165 lbs/syd QC/QA-HMA, 3, 70, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 70, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
250 lbs/syd QC/QA-HMA, 4, 76, Base OG, 25.0 mm on
6" Compacted Aggregate No. 53 on
Subgrade Treatment Type IB

(K1) 165 lbs/syd QC/QA-HMA, 2, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 2, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 2, 64, Base, 25.0 mm on
Subgrade Treatment Type IB

(C1) PCCP for Approaches, 6 in., on
Dense Graded Subbase, 6 in., on
Subgrade Treatment Type II

(D1) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
6 in. Compacted Aggregate, No. 53, on
Subgrade Treatment Type II

(D2) HMA for Approaches, Type B, Consisting of:
165 lbs/syd HMA Surface, Type B, on
275 lbs/syd HMA Intermediate, Type B, on
660 lbs/syd HMA Base, Type B, on
Subgrade Treatment Type II, on
Geogrid, Type IB

(CR) Curb Ramp,
See Curb Ramp Details

(Y) Fence, Rail, Wood, 42"

(16) Curb and Gutter, Roll Curb

(25) Seed Mixture, R

(26) Sodding

Wetlands Area

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	42 of 103
CONTRACT	PROJECT
R-41988	1802938

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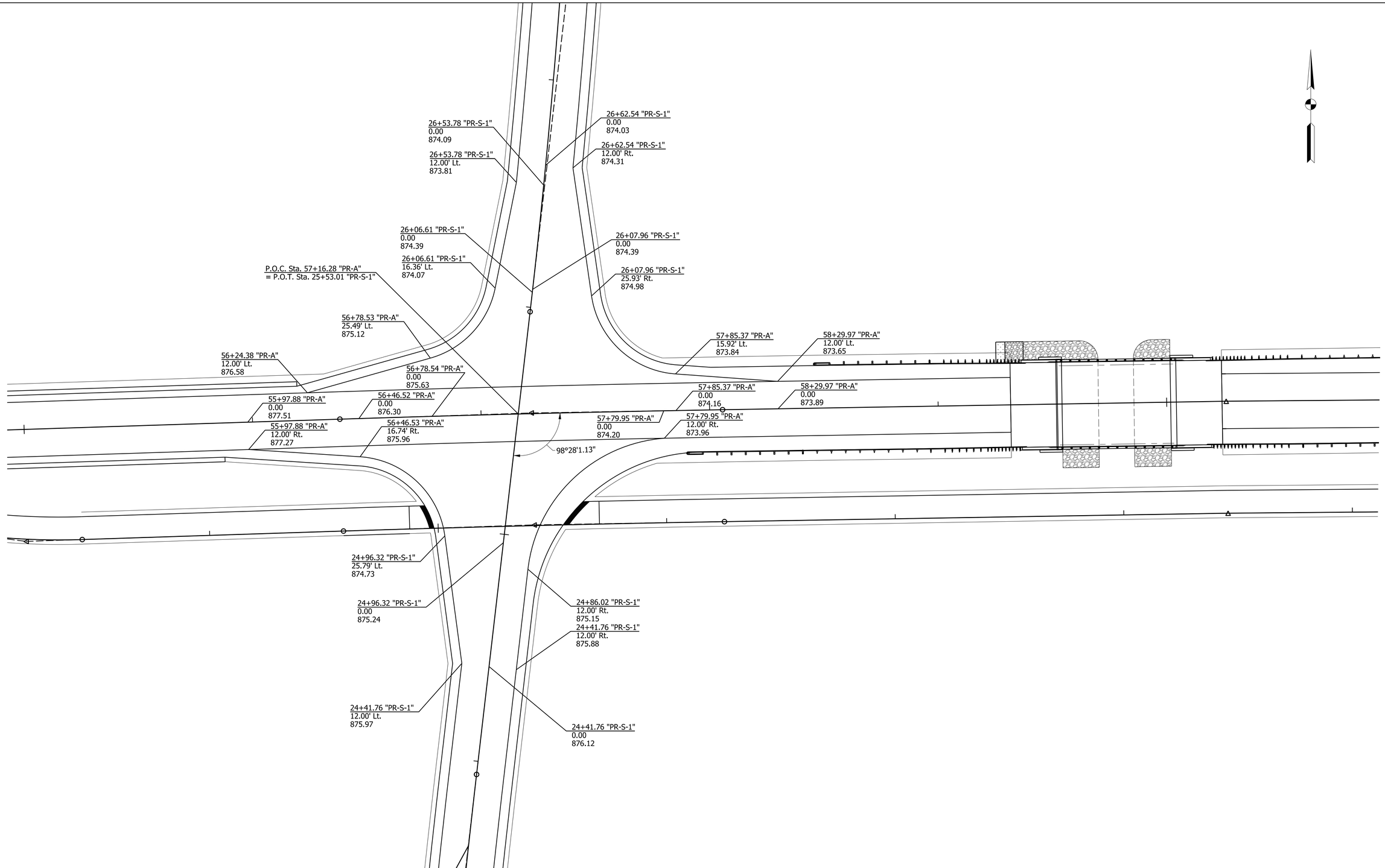

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RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

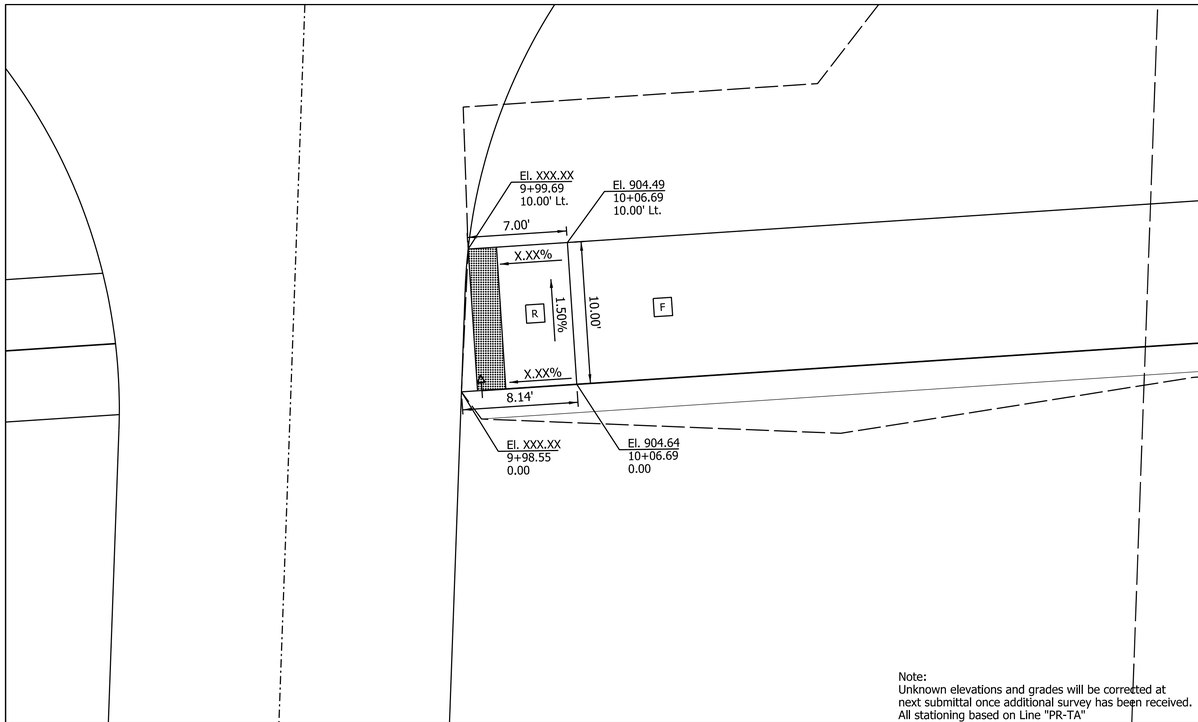
DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

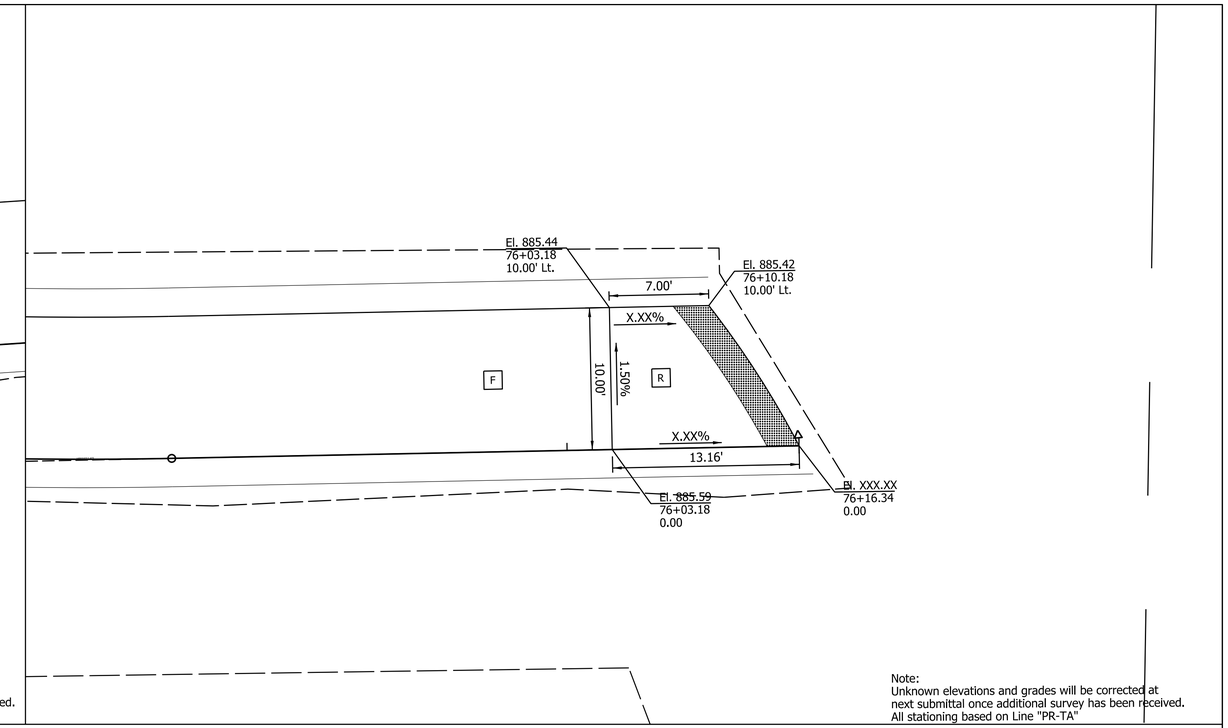
INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION
SPOT ELEVATION DETAILS

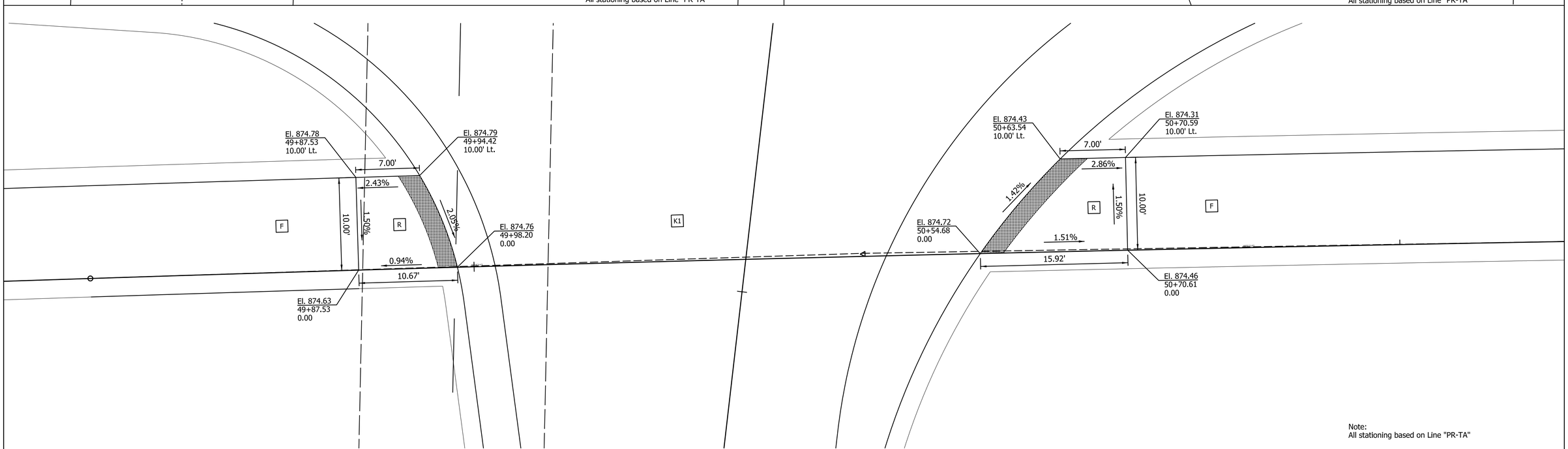
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	43 of 103
CONTRACT	PROJECT
R-41988	1802938



Note:
Unknown elevations and grades will be corrected at next submittal once additional survey has been received. All stationing based on Line "PR-TA"



Note:
Unknown elevations and grades will be corrected at next submittal once additional survey has been received. All stationing based on Line "PR-TA"



Note:
All stationing based on Line "PR-TA"

LEGEND

- Detectable Warning Surface
- TS Turning Space
- R Ramp
- F HMA for Sidewalk (See Typical Cross Sections)
- K1 Full Depth HMA Pavement (See Typical Cross Sections)
- Proposed Slopes or Existing Slopes
- T.C. Top of Curb
- B.C. Bottom of Curb

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
3/8" = 1'-0"	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	44 of 103
CONTRACT	PROJECT
R-41988	1802938

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	FLOWABLE BACKFILL TYPE N	FLOWABLE BACKFILL TYPE R	UNDERCUT				GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	SCOUR PROTECTION			CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	CULVERT ASSET ID	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM						BACKFILL					EXCAVATION	COMPACTED AGGREGATE #5 ? IN.	COMPACTED AGGREGATE #53 ? IN.	GEOTEXTILES for RIPRAP TYPE 1A		GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	CLASS 1 RIPRAP							TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS.	TONS	TONS	TONS	SYS	TON	SYS.	TONS	TONS	CYS	LFT	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
Line "PR-A"																																																
101	25+90.52			X		8'x5'		Box Culvert	121					889.05	888.51	6		50	N/A	7																												
102	32+49.67			X		36	1	Pipe	119					884.20	880.94	3		50	N/A	7																		2										
103	63+73.38			X		24	1	Pipe	133					877.58	876.25	3		50	N/A	7																		2										
104	70+93.59			X		6'x5'		Box Culvert	152					869.31	867.83	6		50	N/A	7																												
300	19+50.00	X			23.5	12	2	Manhole Type C-4	131	131		2.5		903.41	901.84		907.18	50	N/A	7	1	43																								304		
301	19+50.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		903.54	903.51		907.55	50	N/A	7	1	3																								300		
302	19+50.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		903.54	903.52		907.55	50	N/A	7	1	2																								303		
303	19+50.00		X		21.5	12	2	Manhole Type C-4	131	131		3.2		903.45	901.85		907.87	50	N/A	7	1	53																								307		
304	20+84.00	X			23.5	12	2	Manhole Type C-4	72	72		2.4		901.74	900.55		905.37	50	N/A	7	1	29																								308		
305	20+84.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.9		901.87	901.84		905.74	50	N/A	7	1	3																								304		
306	20+84.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.9		901.87	901.85		905.74	50	N/A	7	1	2																								307		
307	20+84.00		X		21.5	12	2	Manhole Type C-4	72	72		3.2		901.75	900.56		906.15	50	N/A	7	1	37																								311		
308	21+60.00	X			23.5	12	2	Manhole Type C-4	81	81		2.5		900.45	899.26		904.22	50	N/A	7	1	29																								312		
309	21+60.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		900.58	900.55		904.59	50	N/A	7	1	3																								308		
310	21+60.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		900.58	900.56		904.59	50	N/A	7	1	2																								311		
311	21+60.00		X		21.5	12	2	Manhole Type C-4	81	81		3.3		900.46	899.27		905.00	50	N/A	7	1	37																								315		
312	22+45.00	X			23.5	12	2	Manhole Type C-4	81	81		2.7		899.16	897.95		903.07	50	N/A	7	1	31																								316		
313	22+45.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		899.29	899.26		903.30	50	N/A	7	1	3																								312		
314	22+45.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		899.29	899.27		903.30	50	N/A	7	1	2																								315		
315	22+45.00		X		21.5	12	2	Manhole Type C-4	81	81		3.3		899.17	897.96		903.71	50	N/A	7	1	37																								319		
316	23+30.00	X			23.5	12	2	Manhole Type C-4	81	81		2.7		897.85	896.58		901.80	50	N/A	7	1	31																								320		
317	23+30.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		897.98	897.95		901.99	50	N/A	7	1	3																								316		
318	23+30.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		897.98	897.96		901.99	50	N/A	7	1	2																								319		
319	23+30.00		X		21.5	12	2	Manhole Type C-4	81	81		3.3		897.86	896.59		902.40	50	N/A	7	1	37																								323		
320	24+15.00	X			23.5	12	2	Manhole Type C-4	121	121		2.5		896.48	894.40		900.25	50	N/A	7	1	41																								324		
321	24+15.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		896.61	896.58		900.62	50	N/A	7	1	3																								320		

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TRC DRAWN: TPH

CHECKED: _____ CHECKED: _____

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	45 of 103
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\KS\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht TSD_01.dgn
MODEL NAME: Sht TSD_01
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:32 PM

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	FLOWABLE BACKFILL TYPE N	FLOWABLE BACKFILL TYPE R	UNDERCUT				GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	SCOUR PROTECTION			CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	CULVERT ASSET ID	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM											EXCAVATION	COMPACTED AGGREGATE #5	COMPACTED AGGREGATE #53	GEOTEXTILES for RIPRAP TYPE 1A			GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	CLASS 1 RIPRAP						TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS.	? IN. TONS	? IN. TONS	TONS	SYS	TON	SYS.	TONS	TONS	CYS	LFT	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
Line "PR-A"																																																
322	24+15.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		896.61	896.59		900.62	50	N/A	7	1	2																							323		
323	24+15.00		X		21.5	12	2	Manhole Type C-4	121	121		3.3		896.49	894.63		901.03	50	N/A	7	1	54																							327		
324	25+40.00	X			23.5	15	2	Manhole Type C-4	16	16		3.2		894.05	892.50		898.79	50	N/A	7	1	8															1							Out		
325	25+40.00	X			15	15	2	Inlet Type M-10, Mod.	5	5		3.1		894.18	894.15		898.52	50	N/A	7	1	3																							324		
326	25+40.00		X		15	15	2	Inlet Type M-10, Mod.	31	31		3.1		894.26	894.18		898.52	50	N/A	7	1	12																							325		
327	25+40.00		X		21.5	12	2	Manhole Type C-4	5	5		3.2		894.53	894.51		898.93	50	N/A	7	1	2																							326		
328	26+45.00	X			23.5	12	2	Manhole Type C-4	133	133		3.1		892.56	890.57		896.90	50	N/A	7	1	62																							332		
329	26+45.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		892.69	892.66		896.70	50	N/A	7	1	4																							328		
330	26+45.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		892.69	892.67		896.70	50	N/A	7	1	3																							331		
331	26+45.00		X		21.5	12	2	Manhole Type C-4	133	133		3.3		892.57	890.58		897.11	50	N/A	7	1	80																							335		
332	27+82.00	X			23.5	12	2	Manhole Type C-4	74	74		4.5		890.47	888.92		896.18	50	N/A	7	1	78																							336		
333	27+82.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		890.60	890.57		894.32	50	N/A	7	1	4																							332		
334	27+82.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		890.60	890.58		894.32	50	N/A	7	1	3																							335		
335	27+82.00		X		21.5	12	2	Manhole Type C-4	74	74		3.0		890.48	888.93		894.73	50	N/A	7	1	63																							339		
336	28+60.00	X			23.5	12	2	Manhole Type C-4	67	67		4.8		888.82	887.71		894.82	50	N/A	7	1	58																							340		
337	28+60.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		888.95	888.92		892.96	50	N/A	7	1	4																							336		
338	28+60.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		888.95	888.93		892.96	50	N/A	7	1	3																							339		
339	28+60.00		X		21.5	12	2	Manhole Type C-4	66	66		3.3		888.83	887.72		893.37	50	N/A	7	1	46																							343		
340	29+30.00	X			23.5	12	2	Manhole Type C-4	67	67		4.0		887.61	886.66		892.86	50	N/A	7	1	58																							344		
341	29+30.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		887.74	887.71		891.75	50	N/A	7	1	4																							340		
342	29+30.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		887.74	887.72		891.75	50	N/A	7	1	3																							343		
343	29+30.00		X		21.5	12	2	Manhole Type C-4	66	66		3.3		887.62	886.67		892.16	50	N/A	7	1	46																							347		
344	30+00.00	X			23.5	12	2	Manhole Type C-4	57	57		2.6		886.56	885.86		890.34	50	N/A	7	1	30																							348		
345	30+00.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		886.69	886.66		890.70	50	N/A	7	1	4																							344		
346	30+00.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		886.69	886.67		890.70	50	N/A	7	1	3																							347		
347	30+00.00		X		21.5	12	2	Manhole Type C-4	56	56		3.3		886.57	885.82		891.12	50	N/A	7	1	39																							351		
348	30+60.00	X			23.5	12	2	Manhole Type C-4	32	32		2.8		885.76	885.37		889.82	50	N/A	7	1	19																							352		

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TRC DRAWN: TPH

CHECKED: _____ CHECKED: _____

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	46 of 103
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht TSD_02.dgn
MODEL NAME: Sht TSD_02
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:36 PM

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	FLOWABLE BACKFILL TYPE N	FLOWABLE BACKFILL TYPE R	UNDERCUT				GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	SCOUR PROTECTION			CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	CULVERT ASSET ID	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM											EXCAVATION	COMPACTED AGGREGATE #5	COMPACTED AGGREGATE #53	GEOTEXTILES for RIPRAP TYPE 1A			GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	CLASS 1 RIPRAP						TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS.	? IN. TONS	? IN. TONS	TONS	SYS	TON	SYS.	TONS	TONS	CYS	LFT	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
Line "PR-A"																																																
349	30+60.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		886.17	886.14		890.18	50	N/A	7	1	4																							348		
350	30+60.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		886.17	886.15		890.18	50	N/A	7	1	3																							351		
351	30+60.00		X		21.5	12	2	Manhole Type C-4	31	31		3.7		885.72	885.31		890.60	50	N/A	7	1	24																							355		
352	30+95.00	X			23.5	12	2	Manhole Type C-4	24	24		3.2		885.27	884.98		889.66	50	N/A	7	1	16																							356		
353	30+95.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		886.02	885.99		890.03	50	N/A	7	1	4																							352		
354	30+95.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		886.02	886.00		890.03	50	N/A	7	1	3																							355		
355	30+95.00		X		21.5	12	2	Manhole Type C-4	23	23		4.0		885.21	884.98		890.45	50	N/A	7	1	20																							359		
356	31+22.00	X			23.5	15	2	Manhole Type C-4	24	24		3.6		884.56	884.25		889.67	50	N/A	7	1	20																1							Out		
357	31+22.00	X			15	15	2	Inlet Type M-10	5	5		4.2		884.57	884.53		889.99	50	N/A	7	1	7																							356		
358	31+22.00		X		15	15	2	Inlet Type M-10	25	25		4.1		884.70	884.57		889.99	50	N/A	7	1	25																							357		
359	31+22.00		X		21.4	15	2	Manhole Type C-4	3	3		4.2		884.73	884.70		890.42	50	N/A	7	1	5																							358		
360	32+10.00	X			23.5	12	2	Manhole Type C-4	85	85		2.6		886.22	884.98		890.00	50	N/A	7	1	45																							356		
361	32+10.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		886.35	886.32		890.36	50	N/A	7	1	4																							360		
362	32+10.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		886.35	886.33		890.36	50	N/A	7	1	3																							363		
363	32+10.00		X		21.5	12	2	Manhole Type C-4	84	84		3.3		886.23	884.98		890.78	50	N/A	7	1	59																							359		
364	32+70.00	X			23.5	15	2	Manhole Type C-4	19	19		2.6		886.75	886.46		890.82	50	N/A	7	1	12																1							Out		
365	32+70.00	X			15	15	2	Inlet Type M-10, Mod.	5	5		2.9		886.89	886.85		891.03	50	N/A	7	1	5																							364		
366	32+70.00		X		15	15	2	Inlet Type M-10, Mod.	25	25		2.8		887.02	886.89		891.03	50	N/A	7	1	17																							365		
367	32+70.00		X		21.5	12	2	Manhole Type C-4	5	5		2.9		887.29	887.27		891.43	50	N/A	7	1	3																							366		
368	33+80.00	X			23.5	12	2	Manhole Type C-4	107	107		2.5		889.02	887.00		892.79	50	N/A	7	1	56																							364		
369	33+80.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		889.15	889.12		893.16	50	N/A	7	1	4																							368		
370	33+80.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		889.15	889.13		893.16	50	N/A	7	1	3																							371		
371	33+80.00		X		21.5	12	2	Manhole Type C-4	106	106		3.3		889.03	887.39		893.57	50	N/A	7	1	74																							367		
372	35+20.00	X			23.5	12	2	Manhole Type C-4	137	137		4.4		893.08	889.12		898.71	50	N/A	7	1	118																							368		
373	35+20.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		893.21	893.18		897.22	50	N/A	7	1	4																							372		
374	35+20.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		893.21	893.19		897.22	50	N/A	7	1	3																							375		
375	35+20.00		X		21.5	12	2	Manhole Type C-4	136	136		3.3		893.09	889.13		897.63	50	N/A	7	1	94																							371		

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TRC DRAWN: TPH

CHECKED: CHECKED:

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	47 of 103
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht TSD_03.dgn
MODEL NAME: Sht TSD_03
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:37 PM

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	FLOWABLE BACKFILL TYPE N	FLOWABLE BACKFILL TYPE R	UNDERCUT				GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	SCOUR PROTECTION			CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	CULVERT ASSET ID	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM											EXCAVATION	COMPACTED AGGREGATE #5	COMPACTED AGGREGATE #53	GEOTEXTILES for RIPRAP TYPE 1A			GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	CLASS 1 RIPRAP						TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS.	? IN. TONS	? IN. TONS	TONS	SYS	TON	SYS.	TONS	TONS	CYS	LFT	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
Line "PR-A"																																																
376	36+37.00	X			23.5	12	2	Manhole Type C-4	113	113		3.8		896.23	893.18		901.30	50	N/A	7	1	108																							372		
377	36+37.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		896.36	896.33		900.12	50	N/A	7	1	4																							376		
378	36+37.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		896.36	896.34		900.12	50	N/A	7	1	3																							379		
379	36+37.00		X		21.5	12	2	Manhole Type C-4	114	114		3.1		896.24	893.19		900.54	50	N/A	7	1	87																							375		
380	37+27.00	X			23.5	12	2	Manhole Type C-4	87	87		3.6		897.63	896.33		902.46	50	N/A	7	1	75																							376		
381	37+27.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		897.76	897.73		901.49	50	N/A	7	1	4																							380		
382	37+27.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		897.76	897.73		901.49	50	N/A	7	1	3																							383		
383	37+27.00		X		21.5	12	2	Manhole Type C-4	87	87		3.1		897.63	896.34		901.91	50	N/A	7	1	80																							379		
384	39+53.00	X			23.5	12	2	Manhole Type C-4	43	43		2.4		897.77	897.17		901.40	50	N/A	7	1	52																							388		
385	39+53.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		897.90	897.87		901.66	50	N/A	7	1	4																							384		
386	39+53.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		897.90	897.88		901.66	50	N/A	7	1	3																							387		
387	39+53.00		X		21.5	12	2	Manhole Type C-4	43	43		3.1		897.78	897.18		902.08	50	N/A	7	1	60																							391		
388	39+99.00	X			23.5	12	2	Manhole Type C-4	137	137		2.7		897.07	896.57		900.97	50	N/A	7	1	39																							396		
389	39+99.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		897.28	897.25		901.33	50	N/A	7	1	4																							388		
390	39+99.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		897.28	897.26		901.33	50	N/A	7	1	3																							391		
391	39+99.00		X		21.5	12	2	Manhole Type C-4	137	137		3.4		897.08	896.58		901.75	50	N/A	7	1	51																							399		
392								Omitted																																								
393								Omitted																																								
394								Omitted																																								
395								Omitted																																								
396	41+40.00	X			23.5	12	2	Manhole Type C-4	87	87		2.9		895.87	895.38		899.99	50	N/A	7	1	41																							400		
397	41+40.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.2		896.24	896.21		900.35	50	N/A	7	1	4																							396		
398	41+40.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.2		896.24	896.22		900.35	50	N/A	7	1	3																							399		
399	41+40.00		X		21.5	12	2	Manhole Type C-4	87	87		3.7		895.88	895.39		900.77	50	N/A	7	1	53																							403		
400	42+30.00	X			23.5	12	2	Manhole Type C-4	76	76		2.9		895.28	894.75		899.36	50	N/A	7	1	45																							404		
401	42+30.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		895.72	895.69		899.73	50	N/A	7	1	4																							400		
402	42+30.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		895.72	895.70		899.73	50	N/A	7	1	3																							403		

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht TSD_04.dgn
MODEL NAME: Sht TSD_04
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:41 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TRC DRAWN: TPH

CHECKED: _____ CHECKED: _____

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	48 of 103
CONTRACT	PROJECT
R-41988	1802938

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION STATION	LEFT	RIGHT	CROSS	OFFSET	SIZE	DESCRIPTION PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER MIN	COVER MAX	FLOW LINE UP STREAM	FLOW LINE DOWN STREAM	SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	FLOWABLE BACKFILL TYPE N	FLOWABLE BACKFILL TYPE R	UNDERCUT EXCAVATION	UNDERCUT COMPACTED AGGREGATE #5	UNDERCUT COMPACTED AGGREGATE #53	UNDERCUT GEOTEXTILES for RIPRAP TYPE 1A	GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	SCOUR PROTECTION GEOTEXTILES for RIPRAP TYPE 1A	SCOUR PROTECTION REVETMENT RIPRAP	SCOUR PROTECTION CLASS 1 RIPRAP	CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION TYPE	GRATED BOX END SECTION SLOPE	GRATED BOX END SECTION EA.	SAFETY METAL END SECTION TYPE	SAFETY METAL END SECTION SLOPE	SAFETY METAL END SECTION EA.	CONNECT TO STR.	CULVERT ASSET ID	REMARKS
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS.	? IN. TONS	? IN. TONS	TONS	SYS	TON	SYS.	TONS	TONS	CYS	LFT	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
Line "PR-A"																																															
403	42+30.00		X		21.5	12	2	Manhole Type C-4	76	76		3.6		895.29	894.76		900.15	50	N/A	7	1	59																						407		
404	43+10.00	X			23.5	12	2	Manhole Type C-4	77	77		2.9		894.65	894.15		898.80	50	N/A	7	1	43																						408		
405	43+10.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		895.16	895.13		899.17	50	N/A	7	1	4																						404		
406	43+10.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		895.16	895.14		899.17	50	N/A	7	1	3																						407		
407	43+10.00		X		21.5	12	2	Manhole Type C-4	77	77		3.7		894.66	894.16		899.59	50	N/A	7	1	56																						411		
408	43+91.00	X			23.5	12	2	Manhole Type C-4	66	66		3.0		894.05	893.55		898.24	50	N/A	7	1	44																						412		
409	43+91.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.0		894.63	894.60		898.60	50	N/A	7	1	4																						408		
410	43+91.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.0		894.63	894.61		898.60	50	N/A	7	1	3																						411		
411	43+91.00		X		21.5	12	2	Manhole Type C-4	65	65		3.7		894.06	893.56		899.02	50	N/A	7	1	57																						415		
412	44+60.00	X			23.5	12	2	Manhole Type C-4	71	71		3.1		893.45	892.95		897.76	50	N/A	7	1	46																						416		
413	44+60.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		894.11	894.08		898.12	50	N/A	7	1	4																						412		
414	44+60.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		894.11	894.09		898.12	50	N/A	7	1	3																						415		
415	44+60.00		X		21.5	12	2	Manhole Type C-4	71	71		3.9		893.46	892.96		898.54	50	N/A	7	1	58																						419		
416	45+35.00	X			23.5	12	2	Manhole Type C-4	103	103		3.2		892.85	892.32		897.23	50	N/A	7	1	50																						420		
417	45+35.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		893.59	893.56		897.60	50	N/A	7	1	5																						416		
418	45+35.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		893.59	893.57		897.60	50	N/A	7	1	3																						419		
419	45+35.00		X		21.5	12	2	Manhole Type C-4	103	103		3.9		892.86	892.33		898.02	50	N/A	7	1	64																						423		
420	46+41.00	X			23.5	12	2	Manhole Type C-4	93	93		3.1		892.22	891.73		896.50	50	N/A	7	1	48																						428		
421	46+41.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.9		893.03	893.00		896.86	50	N/A	7	1	4																						420		
422	46+41.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.9		893.03	893.01		896.86	50	N/A	7	1	3																						423		
423	46+41.00		X		21.5	12	2	Manhole Type C-4	93	93		3.8		892.23	891.74		897.28	50	N/A	7	1	61																						431		
424								Omitted																																							
425								Omitted																																							
426								Omitted																																							
427								Omitted																																							
428	47+38.00	X			23.5	12	2	Manhole Type C-4	89	89		3.6		891.03	890.50		895.82	50	N/A	7	1	54																						432		
429	47+38.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.3		891.99	891.96		896.18	50	N/A	7	1	4																						428		

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:42 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TRC DRAWN: TPH

CHECKED: _____ CHECKED: _____

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	49 of 103
CONTRACT	PROJECT
R-41988	1802938

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	FLOWABLE BACKFILL TYPE N	FLOWABLE BACKFILL TYPE R	UNDERCUT				GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	SCOUR PROTECTION			CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	CULVERT ASSET ID	REMARKS
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE				MIN	MAX	UP STREAM	DOWN STREAM											EXCAVATION	COMPACTED AGGREGATE #5	COMPACTED AGGREGATE #53	GEOTEXTILES for RIPRAP TYPE 1A			GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	CLASS 1 RIPRAP						TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS.	? IN. TONS	? IN. TONS	TONS	SYS	TON	SYS.	TONS	TONS	CYS	LFT	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
Line "PR-A"																																																
430	47+38.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.3		891.99	891.97		896.18	50	N/A	7	1	3																							431		
431	47+38.00		X		21.5	15	2	Manhole Type C-4	89	89		4.2		890.89	889.95		896.60	50	N/A	7	1	73																							435		
432	48+30.00	X			23.5	12	2	Manhole Type C-4	84	84		3.5		890.40	889.69		895.16	50	N/A	7	1	72																							436		
433	48+30.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.2		891.38	891.35		895.52	50	N/A	7	1	4																							432		
434	48+30.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.2		891.38	891.36		895.52	50	N/A	7	1	3																							435		
435	48+30.00		X		21.5	15	2	Manhole Type C-4	84	84		4.6		889.85	888.59		895.94	50	N/A	7	1	108																							439		
436	49+18.00	X			23.5	12	2	Manhole Type C-4	155	155		3.4		889.59	887.68		894.21	50	N/A	7	1	83																							440		
437	49+18.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.5		890.12	890.09		894.57	50	N/A	7	1	4																							436		
438	49+18.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.5		890.12	890.10		894.57	50	N/A	7	1	3																							439		
439	49+18.00		X		21.5	15	2	Manhole Type C-4	155	155		5.0		888.49	886.58		895.00	50	N/A	7	1	115																							443		
440	50+77.00	X			23.5	12	2	Manhole Type C-4	49	49		4.6		887.58	886.66		893.42	50	N/A	7	1	50																							444		
441	50+77.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		888.19	888.16		891.92	50	N/A	7	1	4																							440		
442	50+77.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		888.19	888.16		891.92	50	N/A	7	1	3																							443		
443	50+77.00		X		21.5	15	2	Manhole Type C-4	49	49		4.4		886.48	885.56		892.35	50	N/A	7	1	57																							447		
444	51+29.00	X			23.5	12	2	Manhole Type C-4	48	48		4.7		886.56	885.83		892.48	50	N/A	7	1	41																							448		
445	51+29.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		887.23	887.20		890.99	50	N/A	7	1	4																							444		
446	51+29.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		887.23	887.21		890.99	50	N/A	7	1	3																							447		
447	51+29.00		X		21.5	15	2	Manhole Type C-4	48	48		4.4		885.46	884.72		891.41	50	N/A	7	1	47																							451		
448	51+80.00	X			23.5	12	2	Manhole Type C-4	50	50		4.6		885.73	884.99		891.56	50	N/A	7	1	41																							452		
449	51+80.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		886.34	886.31		890.07	50	N/A	7	1	4																							448		
450	51+80.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		886.34	886.31		890.07	50	N/A	7	1	3																							451		
451	51+80.00		X		21.5	15	2	Manhole Type C-4	50	50		4.4		884.62	883.89		890.49	50	N/A	7	1	47																							455		
452	52+34.00	X			23.5	12	2	Manhole Type C-4	48	48		4.4		884.89	883.70		890.53	50	N/A	7	1	66																							456		
453	52+34.00	X			15	12	2	Inlet Type HA-5	7	7		2.8		885.33	885.30		889.06	50	N/A	7	1	4																							452		
454	52+34.00		X		15	12	2	Inlet Type HA-5	5	5		2.8		885.33	885.30		889.06	50	N/A	7	1	3																							455		
455	52+34.00		X		21.5	15	2	Manhole Type C-4	48	48		4.4		883.60	882.41		889.53	50	N/A	7	1	79																							459		
456	52+86.00	X			23.5	15	2	Manhole Type C-4	136	136		13.3		883.45	878.11		898.29	50	N/A	7	1	148																							460		

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MODEL NAME: Sht TSD_06
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:43 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TRC DRAWN: TPH

CHECKED: _____ CHECKED: _____

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	50 of 103
CONTRACT	PROJECT
R-41988	1802938

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION STATION	LEFT	RIGHT	CROSS	OFFSET	SIZE	DESCRIPTION PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER MIN	COVER MAX	FLOW LINE UP STREAM	FLOW LINE DOWN STREAM	SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	FLOWABLE BACKFILL TYPE N	FLOWABLE BACKFILL TYPE R	UNDERCUT EXCAVATION	UNDERCUT COMPACTED AGGREGATE #5	UNDERCUT COMPACTED AGGREGATE #53	UNDERCUT GEOTEXTILES for RIPRAP TYPE 1A	GEOTEXTILES for RIPRAP TYPE 1A	REVETMENT RIPRAP	SCOUR PROTECTION GEOTEXTILES for RIPRAP TYPE 1A	SCOUR PROTECTION REVETMENT RIPRAP	SCOUR PROTECTION CLASS 1 RIPRAP	CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION TYPE	GRATED BOX END SECTION SLOPE	GRATED BOX END SECTION EA.	SAFETY METAL END SECTION TYPE	SAFETY METAL END SECTION SLOPE	SAFETY METAL END SECTION EA.	CONNECT TO STR.	CULVERT ASSET ID	REMARKS
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS.	? IN. TONS	? IN. TONS	TONS	SYS	TON	SYS.	TONS	TONS	CYS	LFT	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
Line "PR-A"																																															
457	52+86.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		2.8		884.06	884.03		887.79	50	N/A	7	1	4																							456		
458	52+86.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		2.8		884.06	884.03		887.79	50	N/A	7	1	3																							459		
459	52+86.00		X		21.5	15	2	Manhole Type C-4	136	136		4.4		882.31	876.82		888.18	50	N/A	7	1	138																							463		
460	54+25.00	X			23.5	15	2	Manhole Type C-4	156	156		5.2		878.01	872.14		884.71	50	N/A	7	1	181																							464		
461	54+25.00	X			15	12	2	Inlet Type J-10, Mod.	5	5		3.1		879.21	879.18		883.22	50	N/A	7	1	4																							460		
462	54+25.00		X		15	12	2	Inlet Type J-10, Mod.	3	3		3.1		879.21	879.19		883.22	50	N/A	7	1	3																							463		
463	54+25.00		X		21.5	15	2	Manhole Type C-4	157	157		4.4		876.72	870.97		882.59	50	N/A	7	1	216																							467		
464	55+85.00	X			23.5	15	2	Manhole Type C-4	5	5		3.7		872.04	871.87		877.28	50	N/A	7	1	6																							465		
465	55+85.00	X			15	15	2	Inlet Type M-10, Mod.	25	25		4.5		871.87	871.26		877.58	50	N/A	7	1	28																							466		
466	55+85.00		X		15	15	2	Inlet Type M-10, Mod.	12	12		5.1		871.26	870.97		877.58	50	N/A	7	1	15																							467		
467	55+85.00		X		28.5	18	2	Manhole Type C-4	171	171		2.7		870.72	865.99		875.21	50	N/A	7	1	70																1							Out		
Line "PR-S-1"																																															
201	24+78.91			X		6'x5'		Box Culvert	96					868.26	865.50	6																															
202	27+31.92			X		60x38	1	Elliptical Pipe	87					867.05	867.00	6																															2 Concrete Anchors

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:44 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

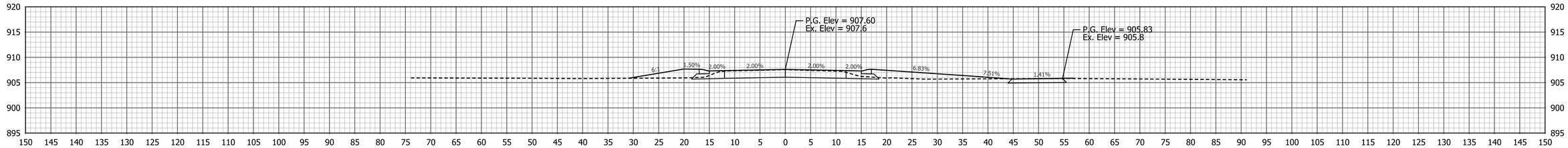
DESIGNED: TRC DRAWN: TPH

CHECKED: _____ CHECKED: _____

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802938
SURVEY BOOK	SHEETS
	51 of 103
CONTRACT	PROJECT
R-41988	1802938



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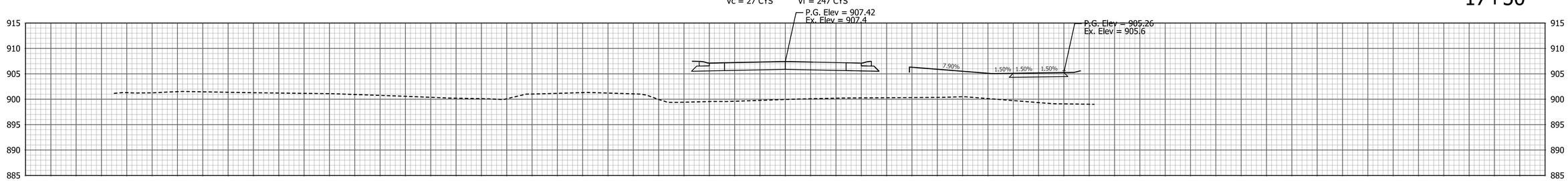
Af = 44.2 SFT
Vf = 247 CYS

17+50



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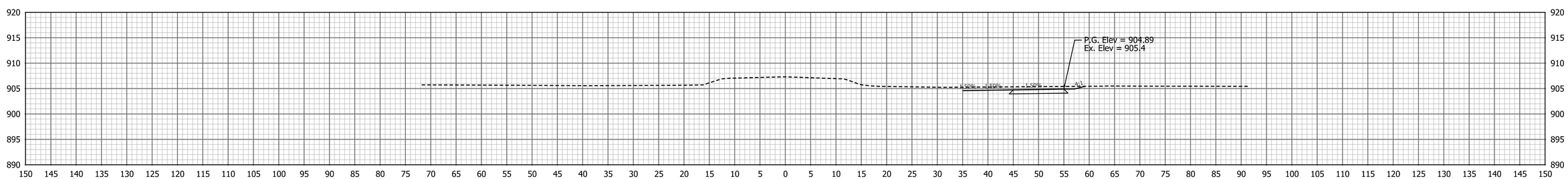
Vc = 8 CYS

Af = 393.8 SFT
Vf = 143 CYS

17+20



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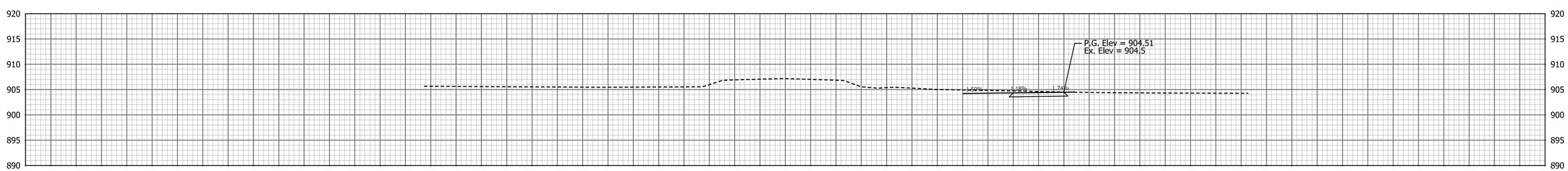
Vc = 14 CYS

Af = 0.0 SFT
Vf = 0 CYS

17+00



Ac = 16.1 SFT
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Af = 0.0 SFT
Vf = 0 CYS

16+80

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-001
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:49 PM

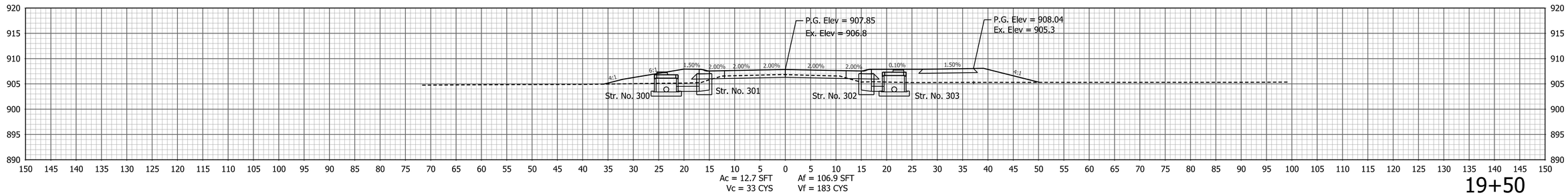
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

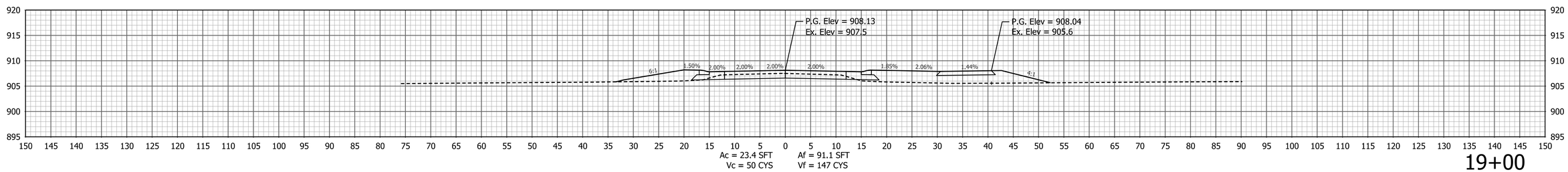
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

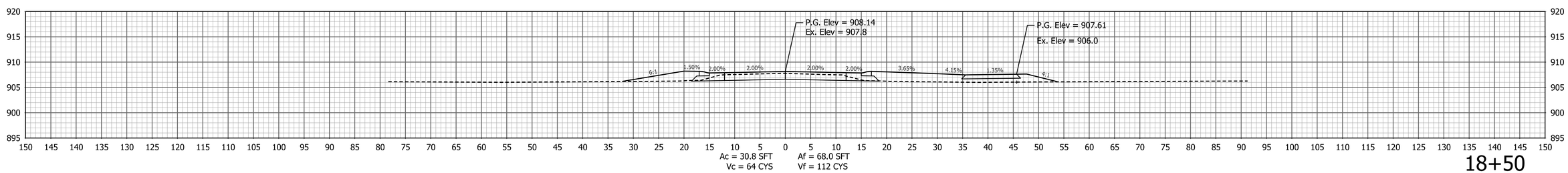
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	52 of 103
CONTRACT	PROJECT
R-41988	1802938



19+50



19+00



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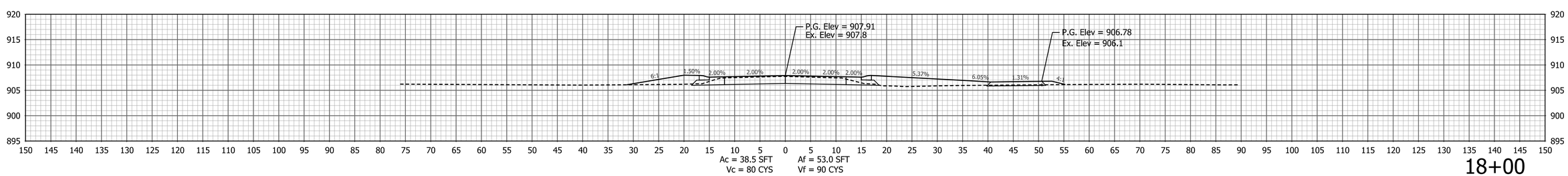

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:50 PM

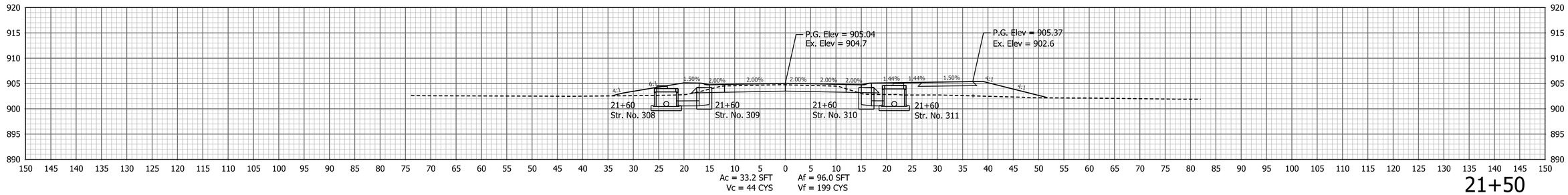
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	53 of 103
CONTRACT	PROJECT
R-41988	1802938



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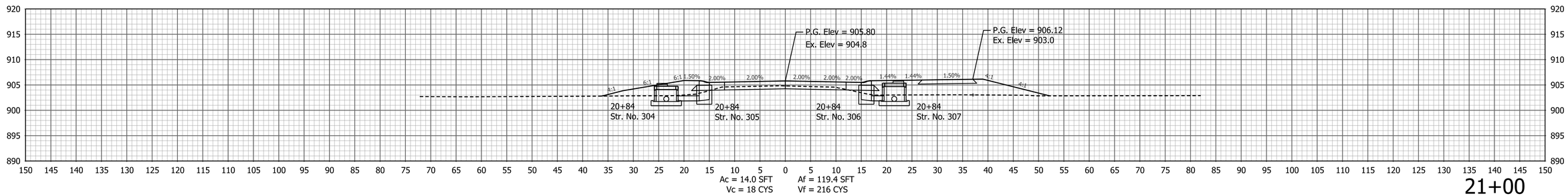
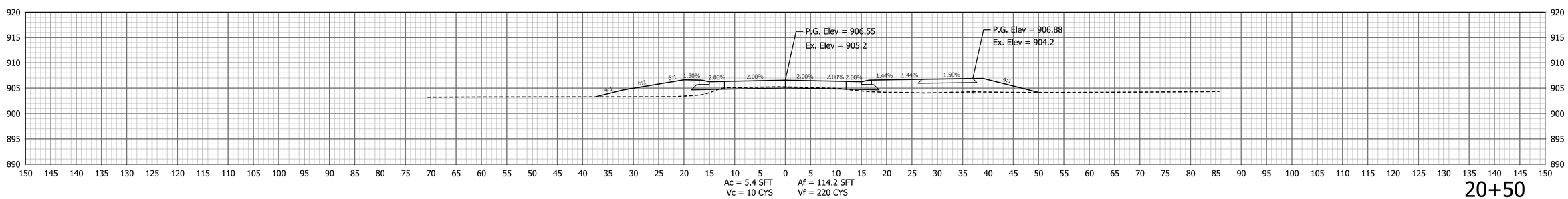


21+00



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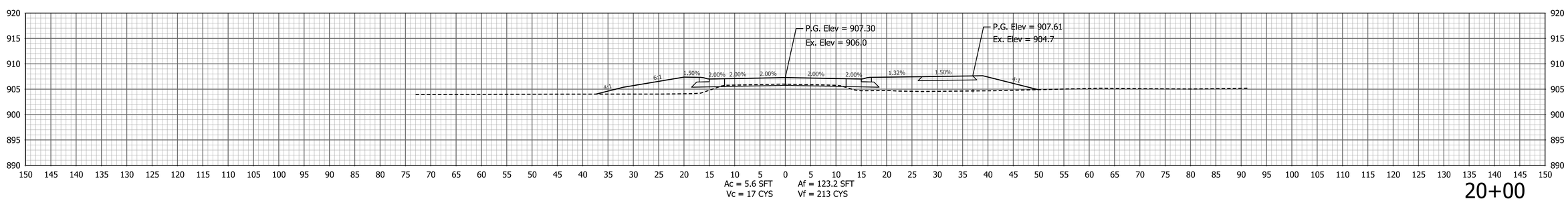

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:51 PM

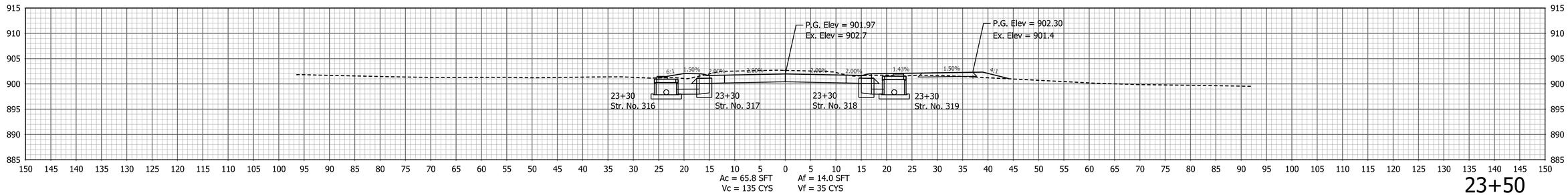
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	54 of 103
CONTRACT	PROJECT
R-41988	1802938



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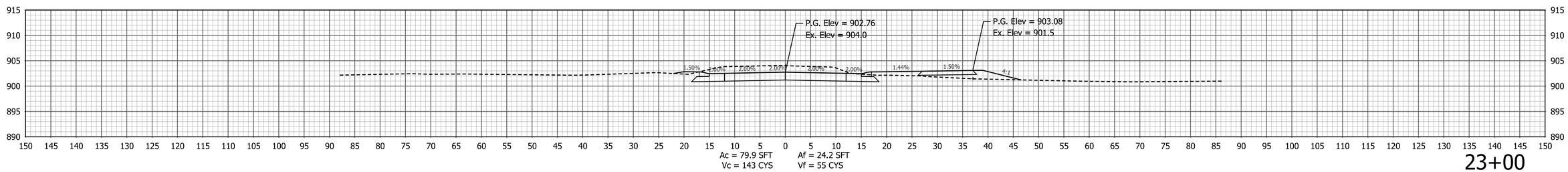

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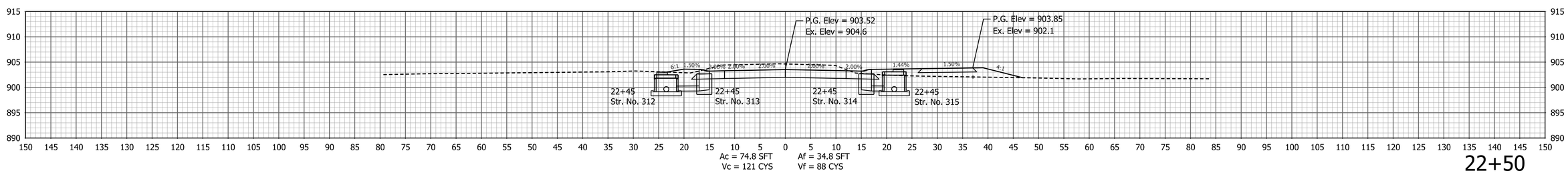

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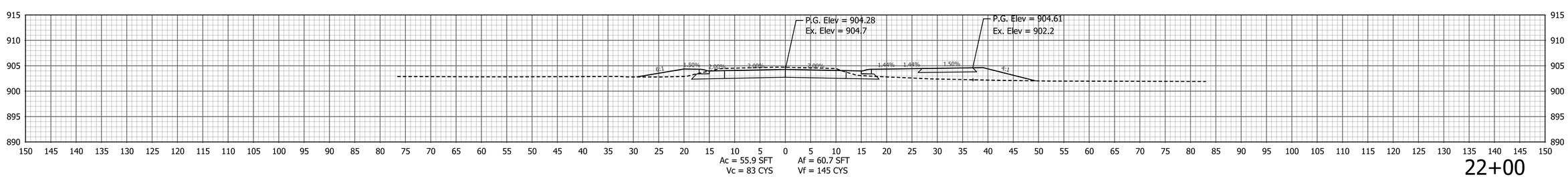

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:52 PM

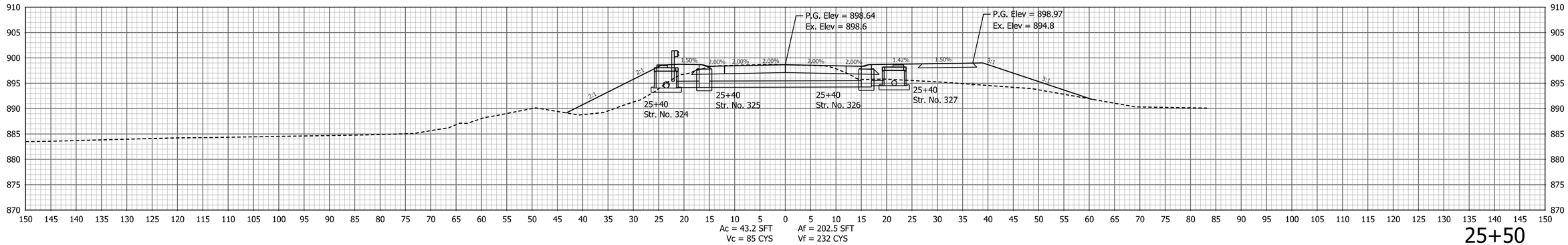
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	55 of 103
CONTRACT	PROJECT
R-41988	1802938



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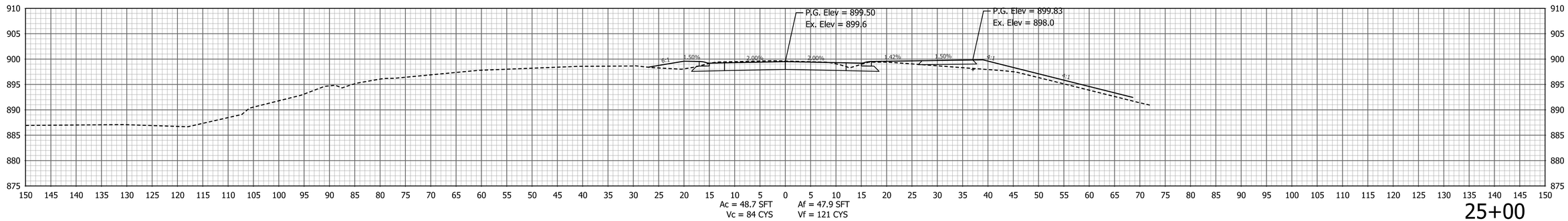

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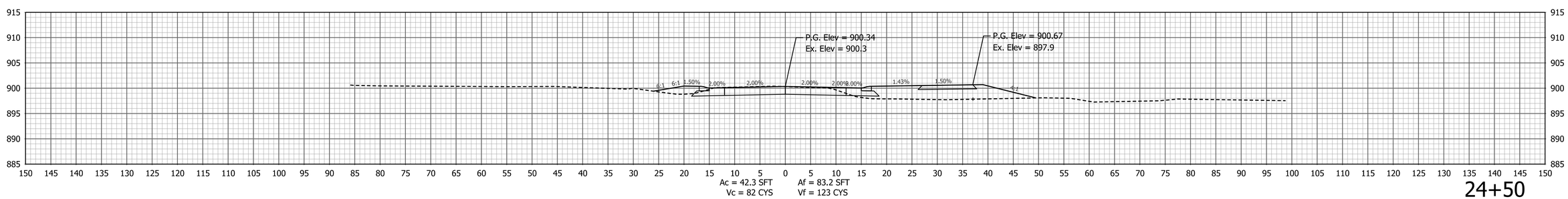

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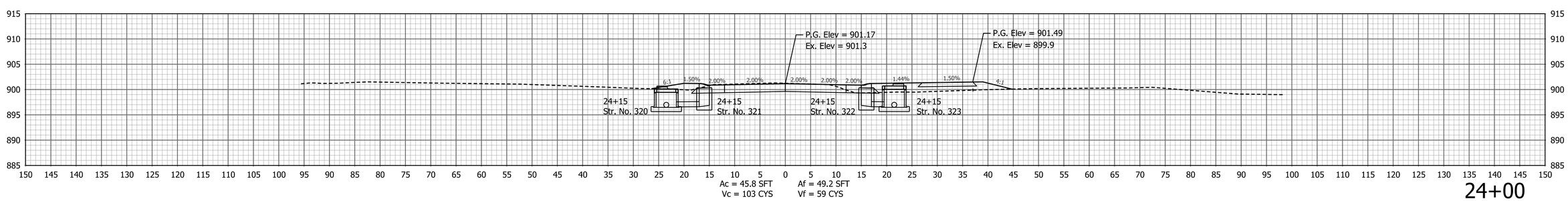

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:54 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

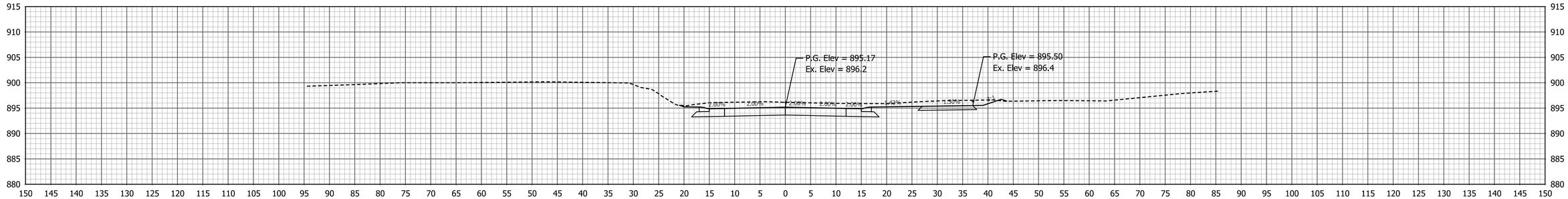
DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	56 of 103
CONTRACT	PROJECT
R-41988	1802938



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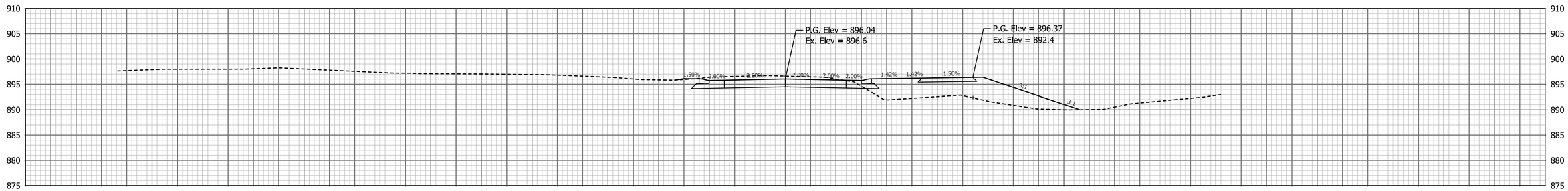

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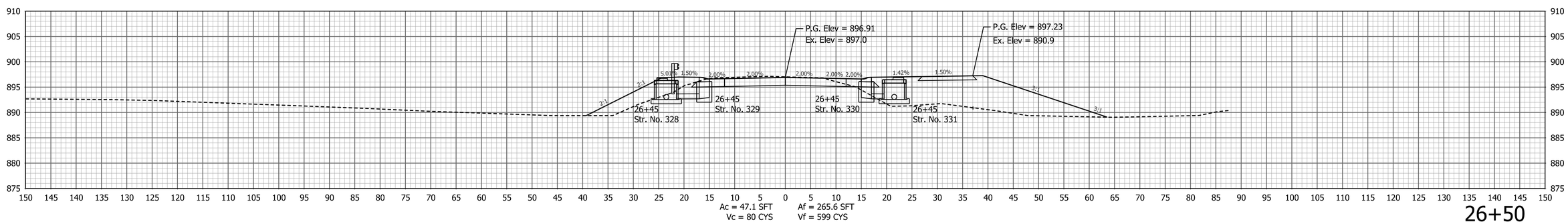

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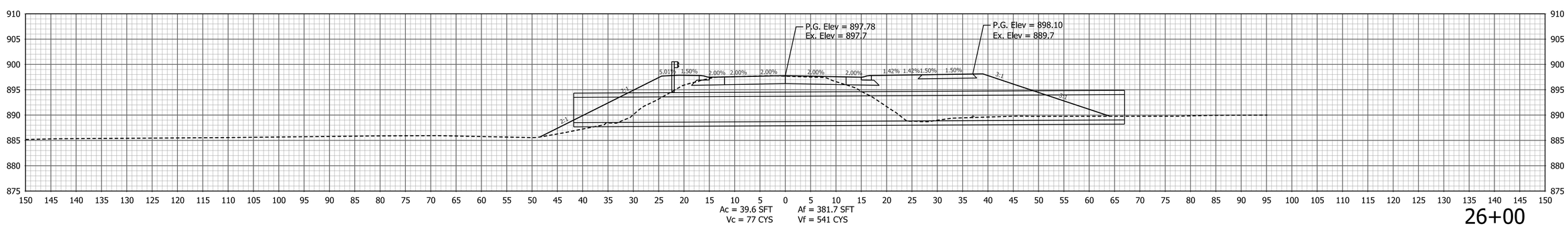

26+00

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:55 PM

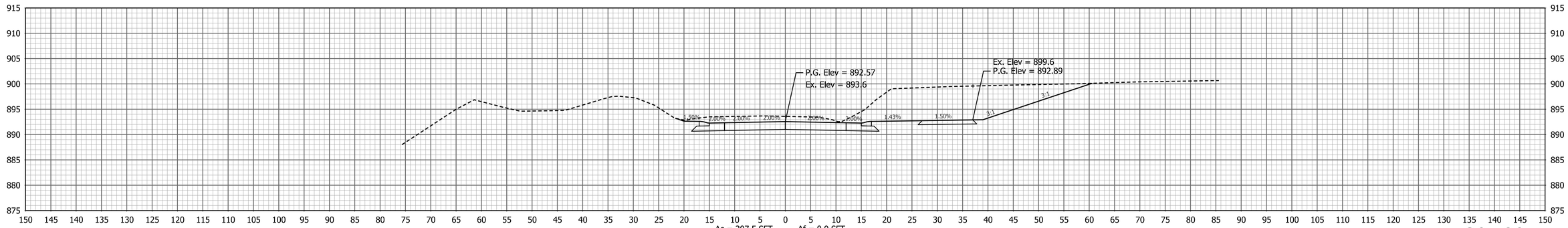
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	57 of 103
CONTRACT	PROJECT
R-41988	1802938



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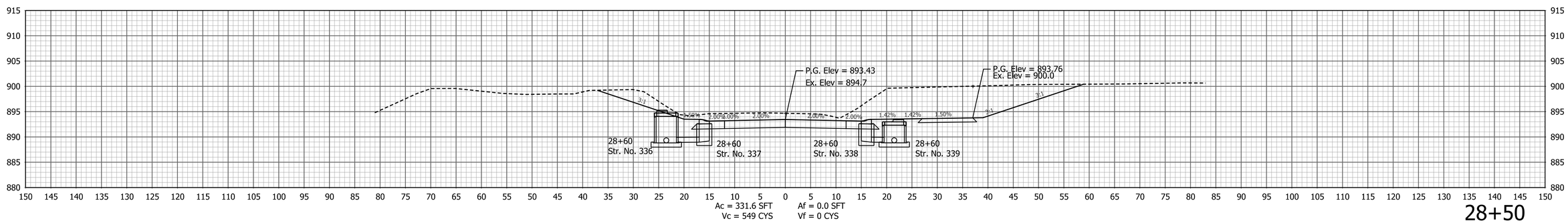
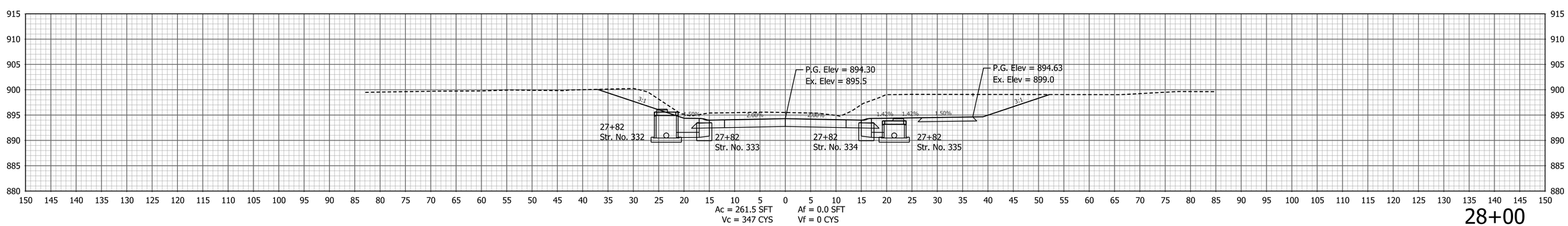


28+50



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TIME PLOTTED: 3:29:56 PM

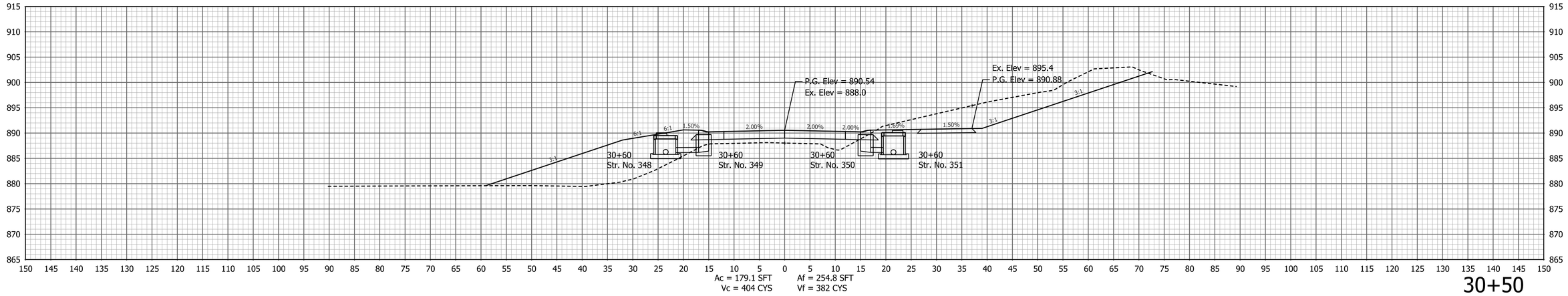
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	58 of 103
CONTRACT	PROJECT
R-41988	1802938



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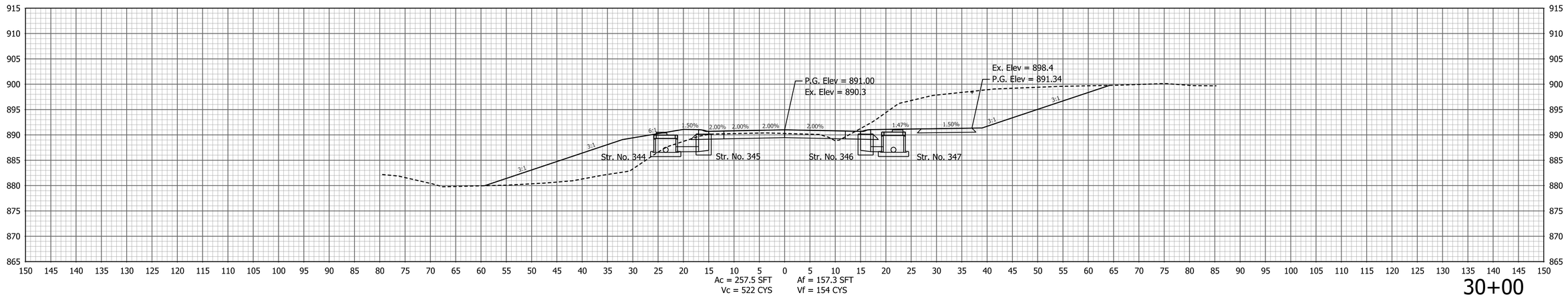

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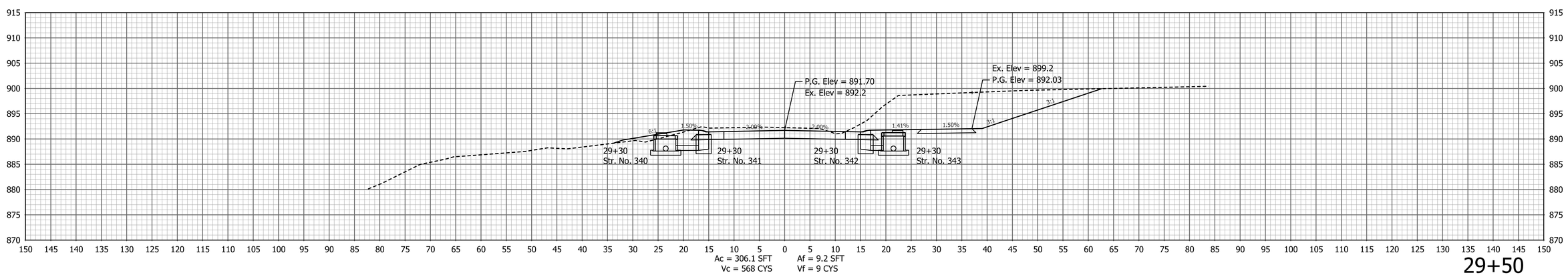

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:29:57 PM

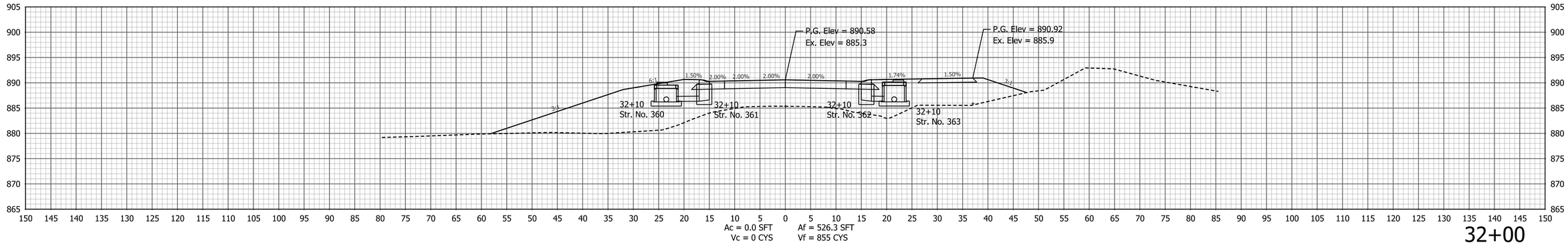
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

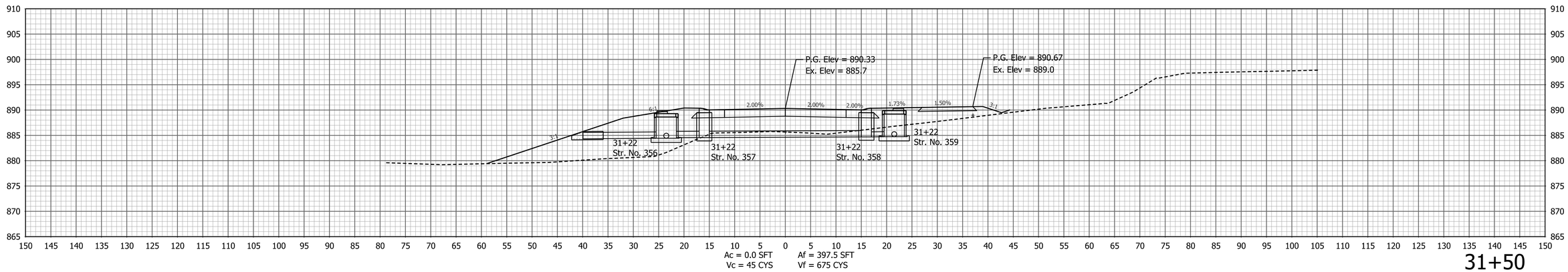
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

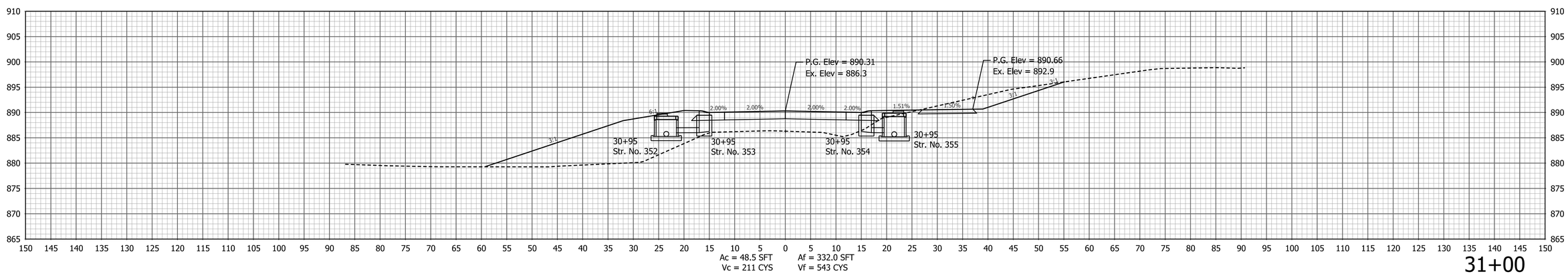
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	59 of 103
CONTRACT	PROJECT
R-41988	1802938



32+00



31+50



31+00

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TIME PLOTTED: 3:29:59 PM

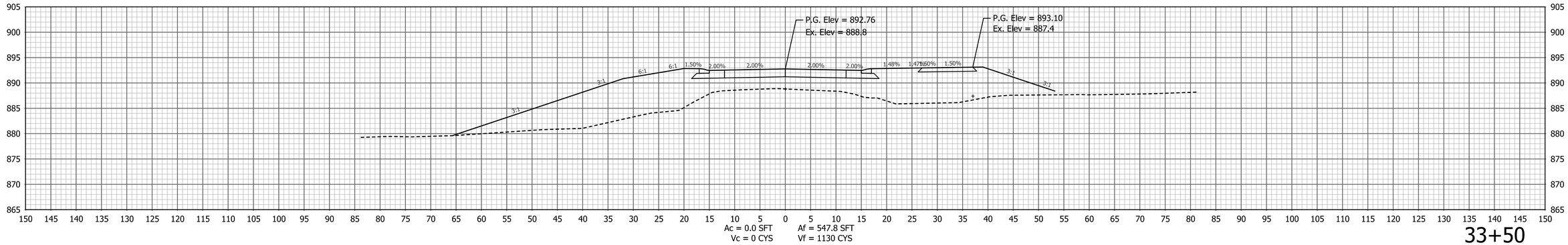
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	60 of 103
CONTRACT	PROJECT
R-41988	1802938



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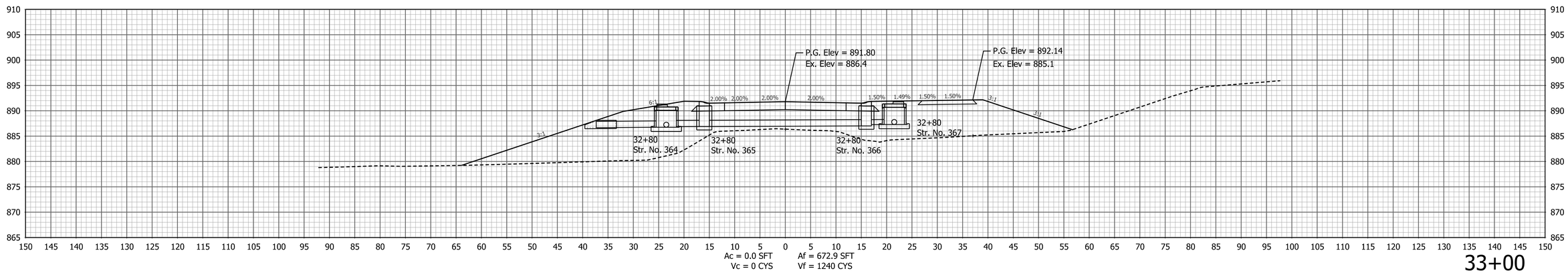

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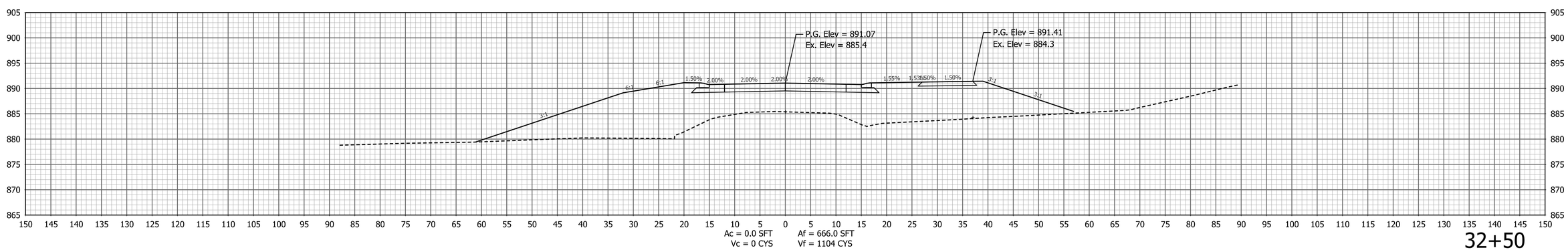

32+50

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:00 PM

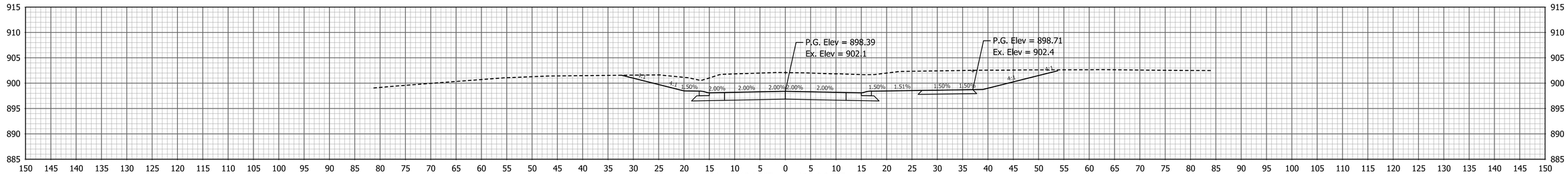
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	61 of 103
CONTRACT	PROJECT
R-41988	1802938



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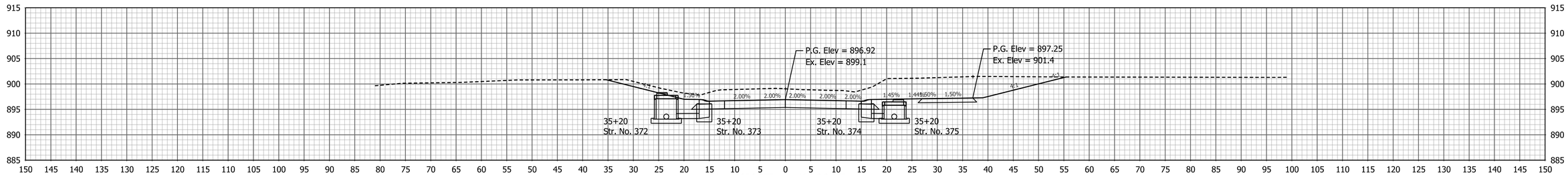

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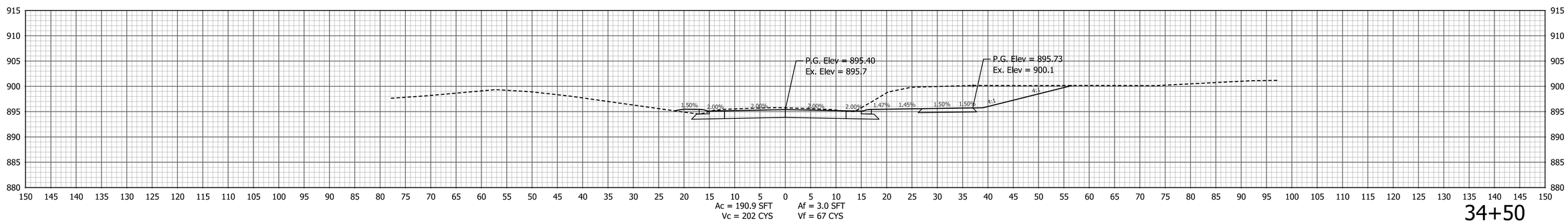

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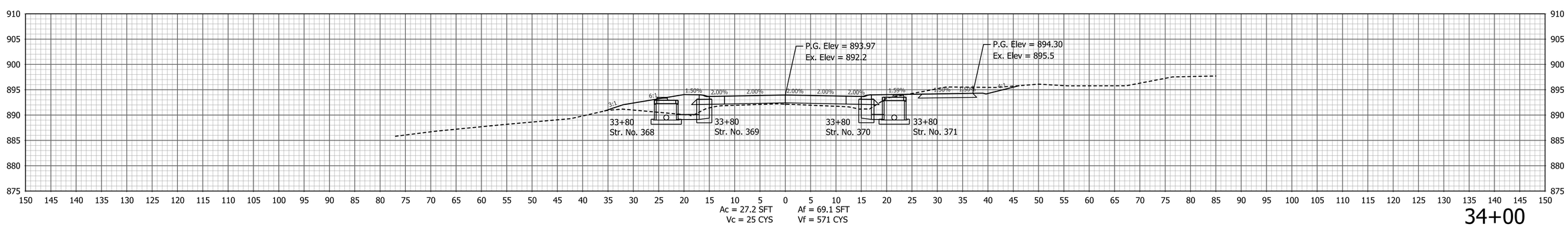

34+00

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:01 PM

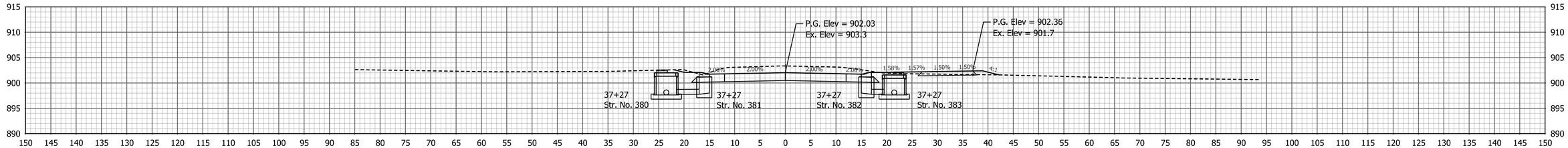
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

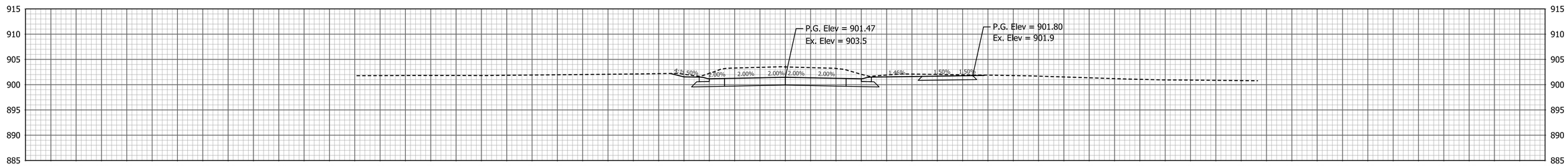
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	62 of 103
CONTRACT	PROJECT
R-41988	1802938



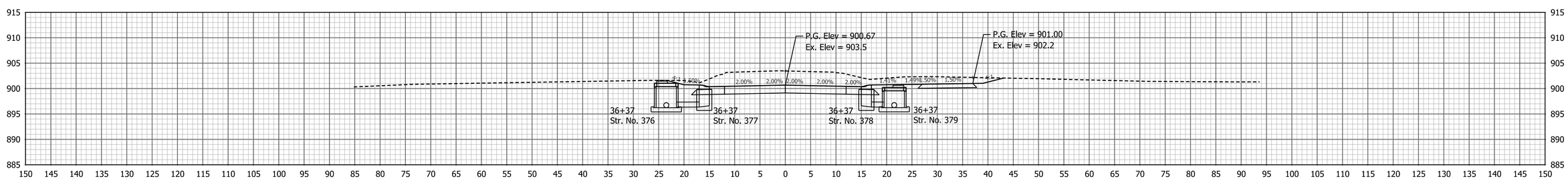
Ac = 88.7 SFT
Vc = 197 CYS
Af = 4.8 SFT
Vf = 4 CYS

37+50



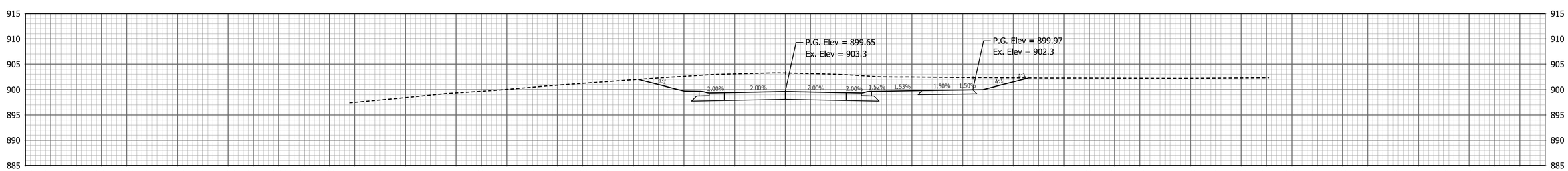
Ac = 124.5 SFT
Vc = 277 CYS
Af = 0.0 SFT
Vf = 0 CYS

37+00



Ac = 174.7 SFT
Vc = 408 CYS
Af = 0.0 SFT
Vf = 0 CYS

36+50



Ac = 266.4 SFT
Vc = 537 CYS
Af = 0.0 SFT
Vf = 0 CYS

36+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-012
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:03 PM

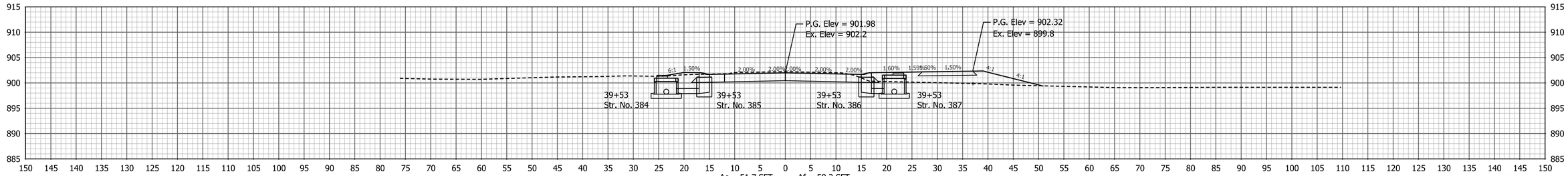
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

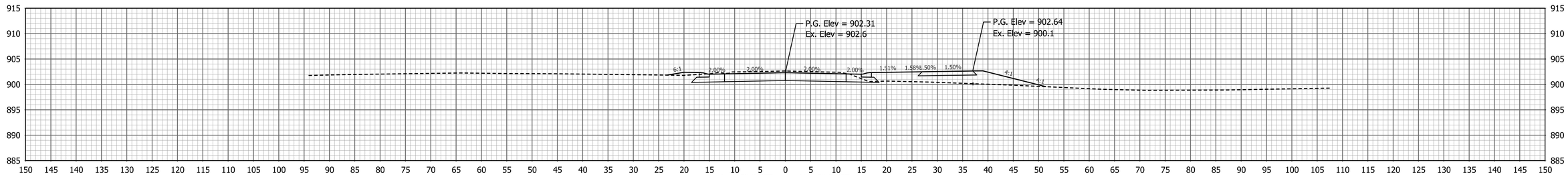
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	63 of 103
CONTRACT	PROJECT
R-41988	1802938



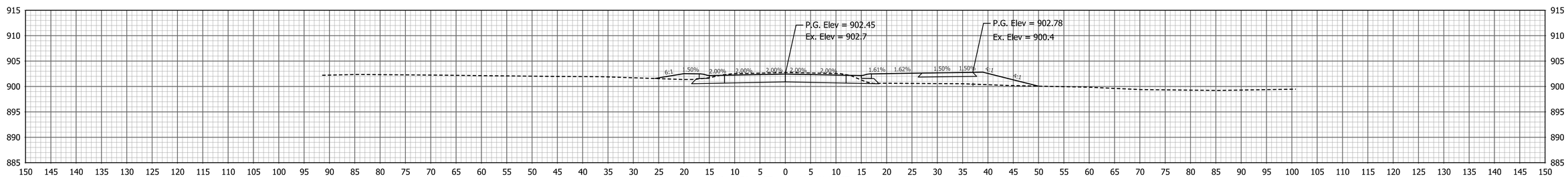
Ac = 51.7 SFT
Vc = 98 CYS
Af = 58.2 SFT
Vf = 109 CYS

39+50



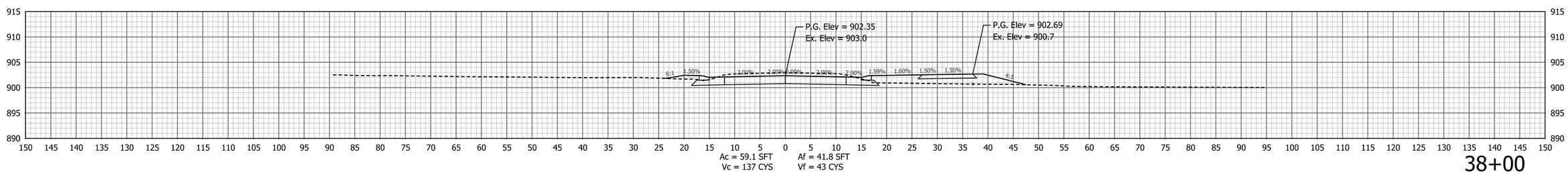
Ac = 53.9 SFT
Vc = 97 CYS
Af = 59.7 SFT
Vf = 112 CYS

39+00



Ac = 51.0 SFT
Vc = 102 CYS
Af = 61.0 SFT
Vf = 95 CYS

38+50



Ac = 59.1 SFT
Vc = 137 CYS
Af = 41.8 SFT
Vf = 43 CYS

38+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-013
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:06 PM

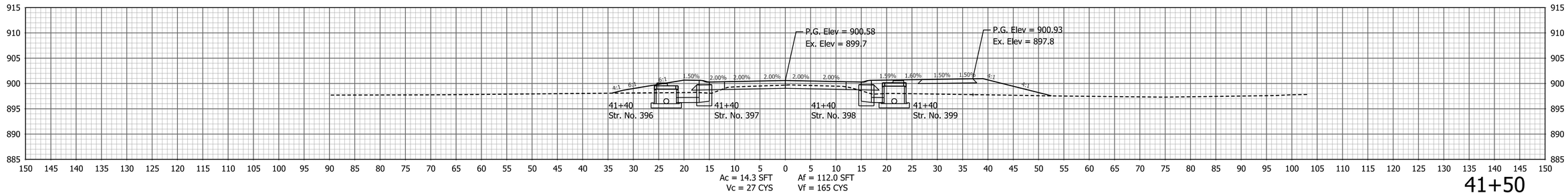
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

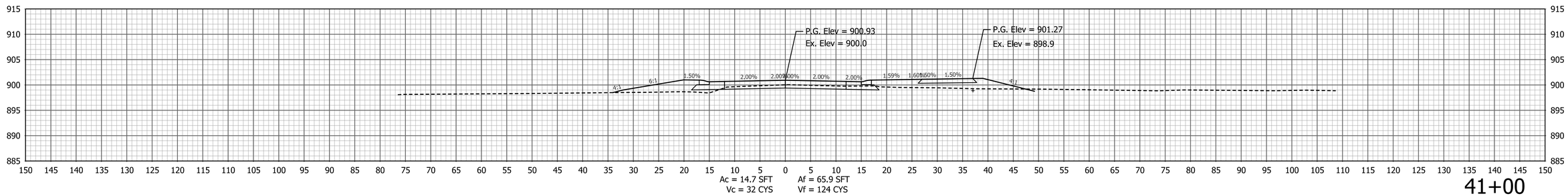
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

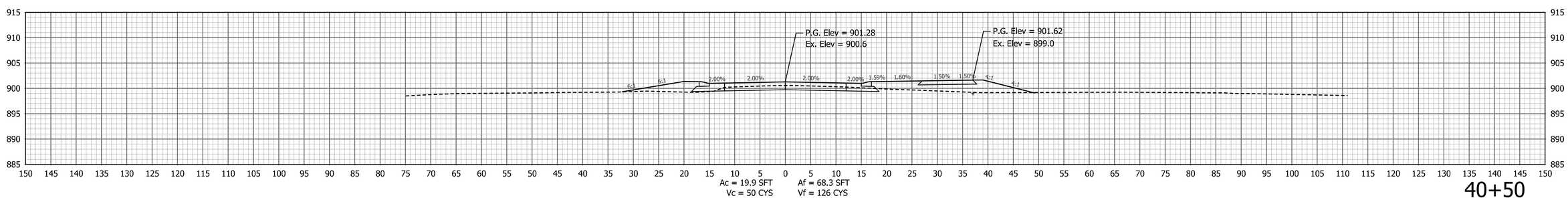
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	64 of 103
CONTRACT	PROJECT
R-41988	1802938



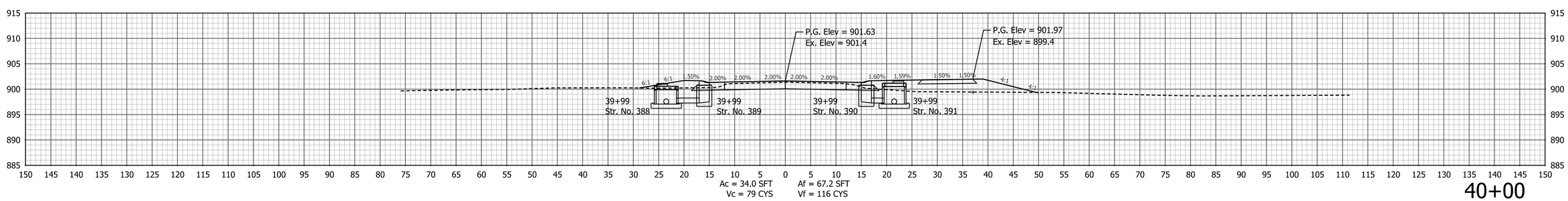
41+50



41+00



40+50



40+00

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MODEL NAME: XS-014
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:07 PM

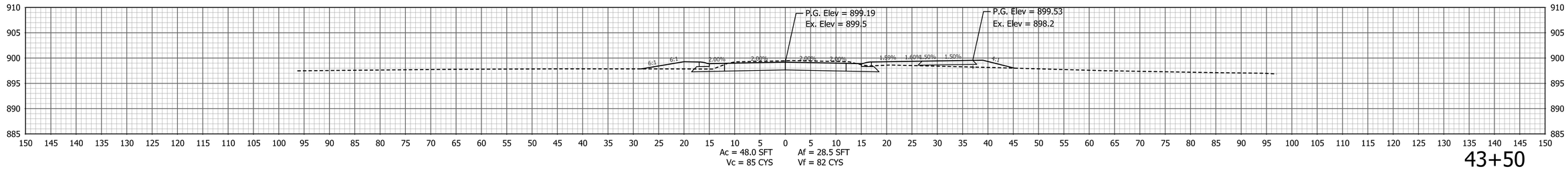
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

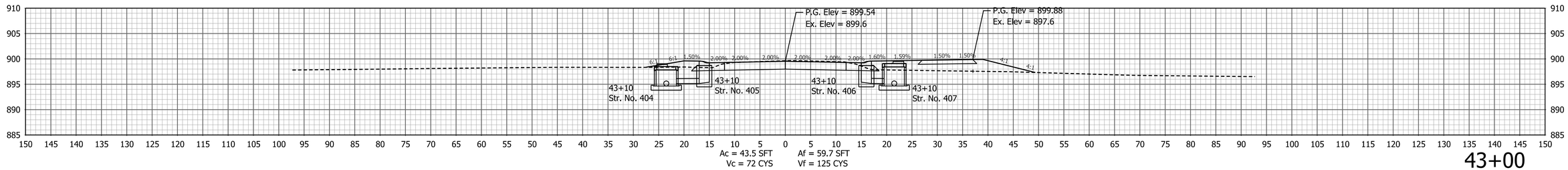
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

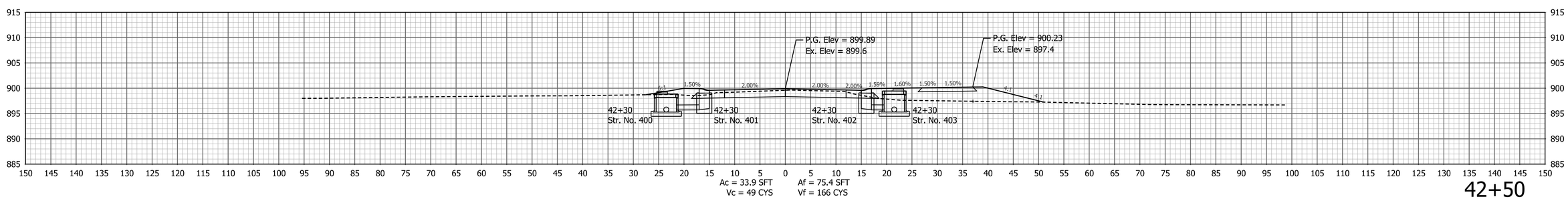
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	65 of 103
CONTRACT	PROJECT
R-41988	1802938



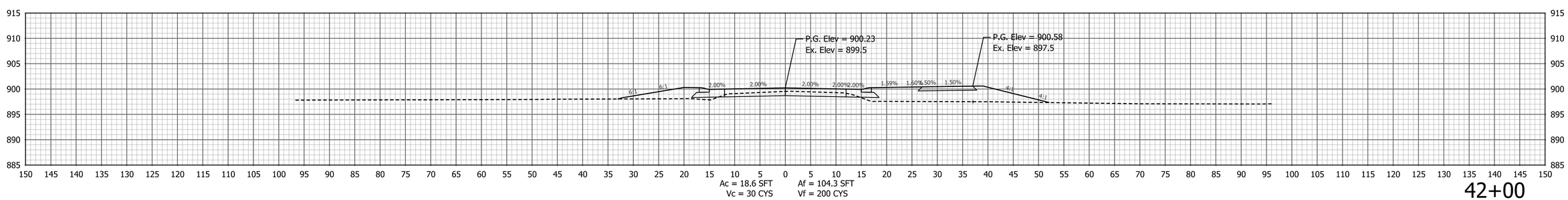
43+50



43+00



42+50



42+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-015
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:08 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

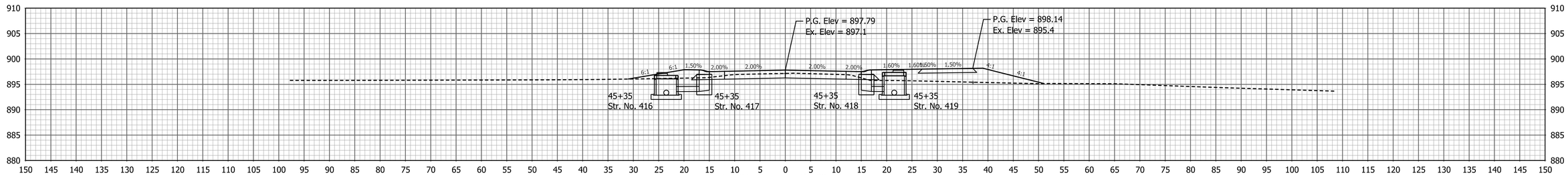
DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

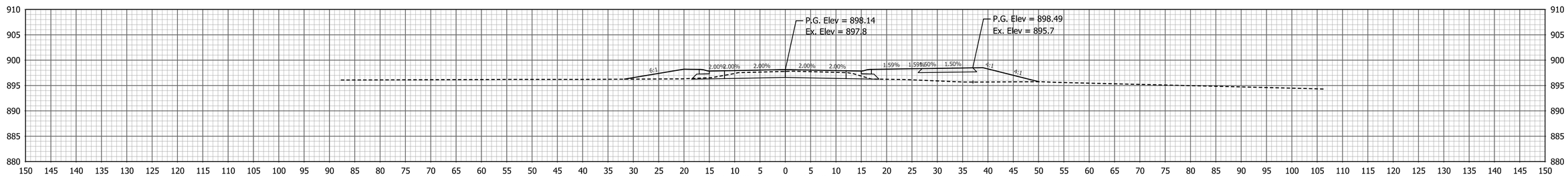
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	66 of 103
CONTRACT	PROJECT
R-41988	1802938



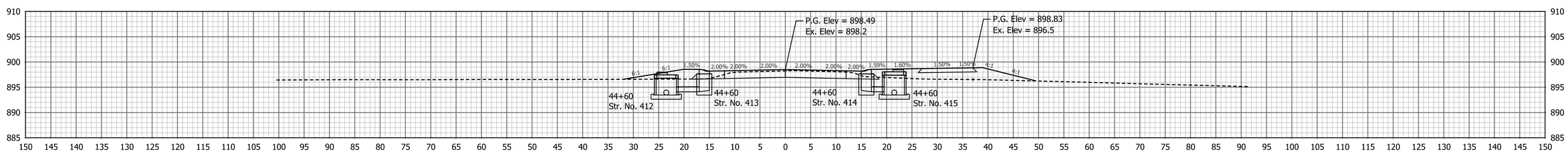
Ac = 24.4 SFT
Vc = 50 CYS
Af = 80.7 SFT
Vf = 147 CYS

45+50



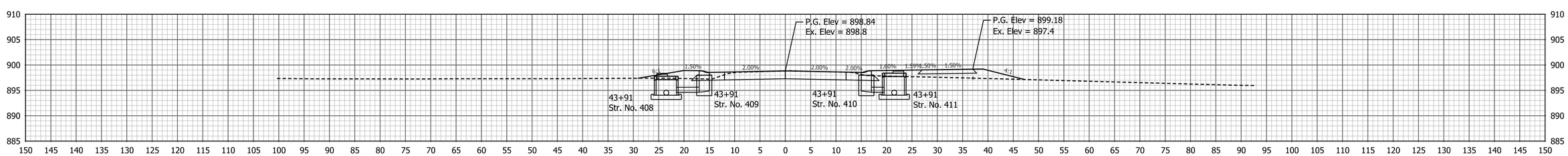
Ac = 29.6 SFT
Vc = 57 CYS
Af = 78.4 SFT
Vf = 136 CYS

45+00



Ac = 32.2 SFT
Vc = 66 CYS
Af = 68.6 SFT
Vf = 102 CYS

44+50



Ac = 38.6 SFT
Vc = 80 CYS
Af = 41.9 SFT
Vf = 65 CYS

44+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-016
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:10 PM

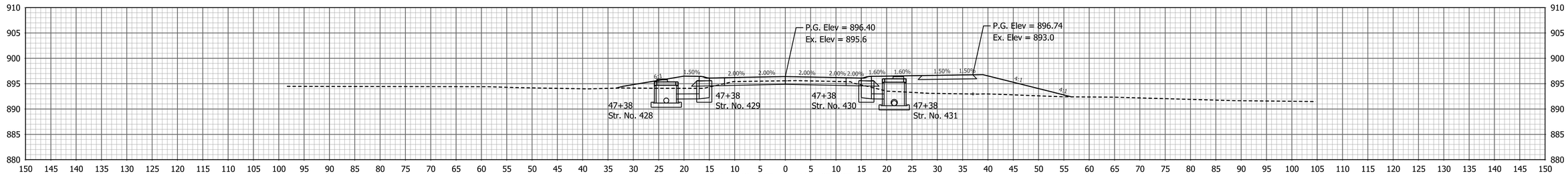
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

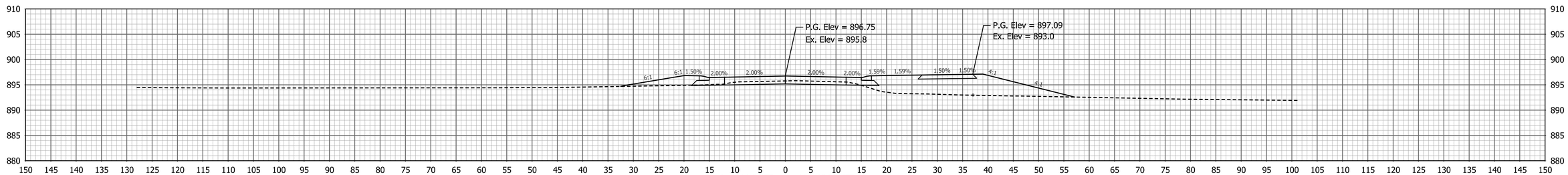
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	67 of 103
CONTRACT	PROJECT
R-41988	1802938



Ac = 18.1 SFT
Vc = 30 CYS

Af = 127.4 SFT
Vf = 242 CYS

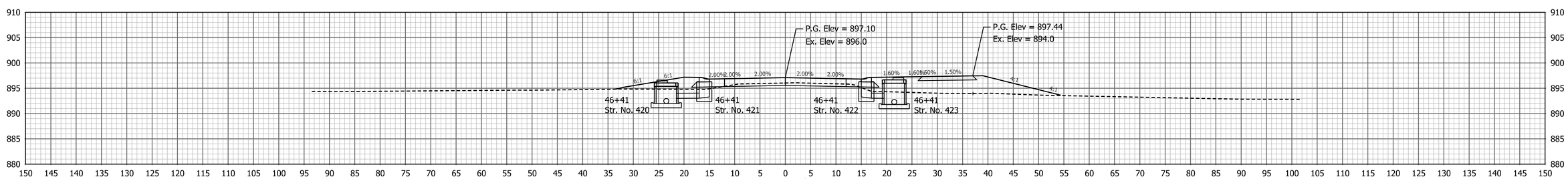
47+50



Ac = 14.6 SFT
Vc = 24 CYS

Af = 134.5 SFT
Vf = 236 CYS

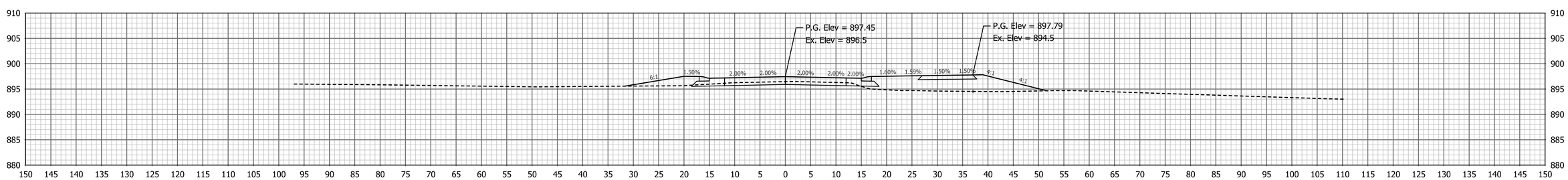
47+00



Ac = 11.4 SFT
Vc = 26 CYS

Af = 119.9 SFT
Vf = 203 CYS

46+50



Ac = 16.3 SFT
Vc = 38 CYS

Af = 99.7 SFT
Vf = 167 CYS

46+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-017
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:11 PM

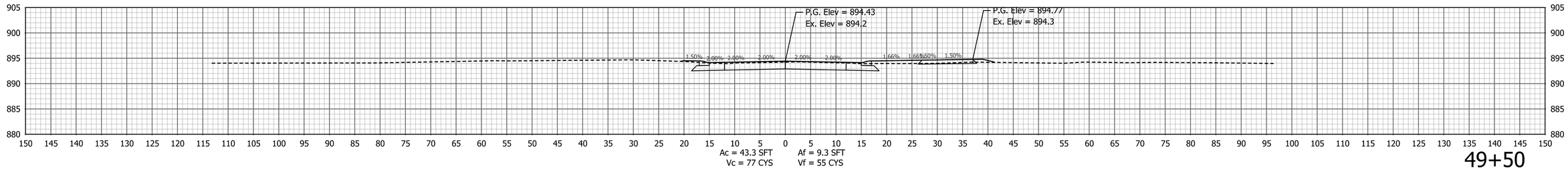
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

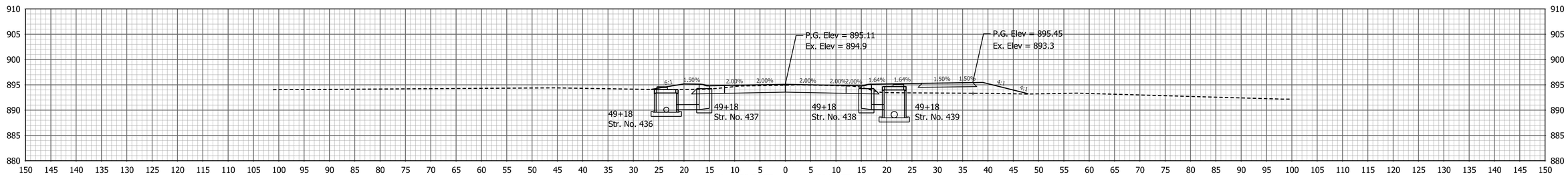
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

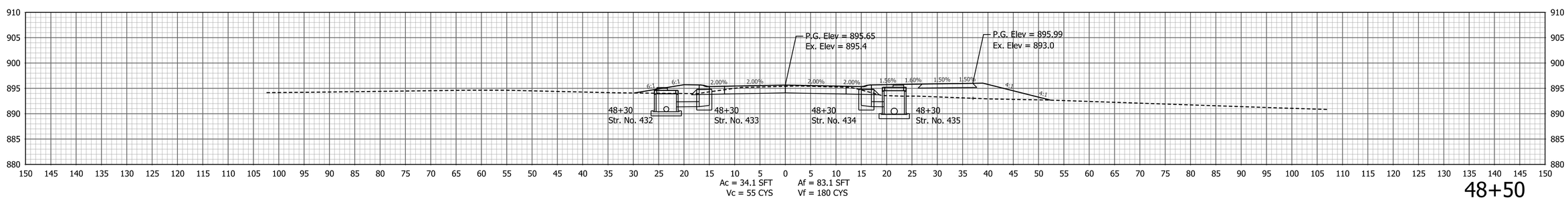
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	68 of 103
CONTRACT	PROJECT
R-41988	1802938



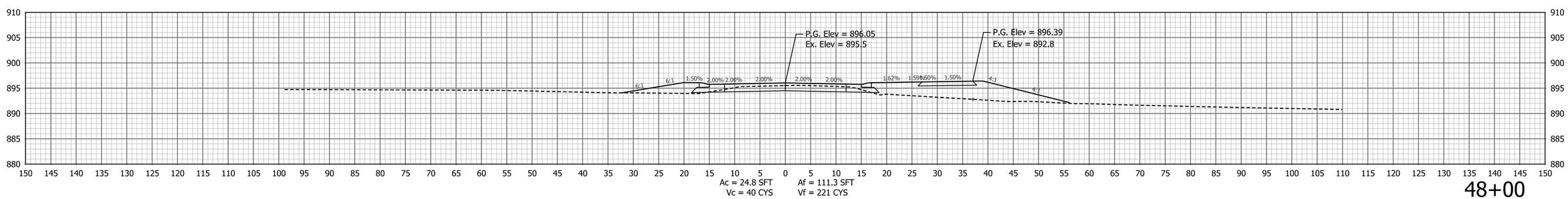
49+50



49+00



48+50



48+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-018
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:12 PM

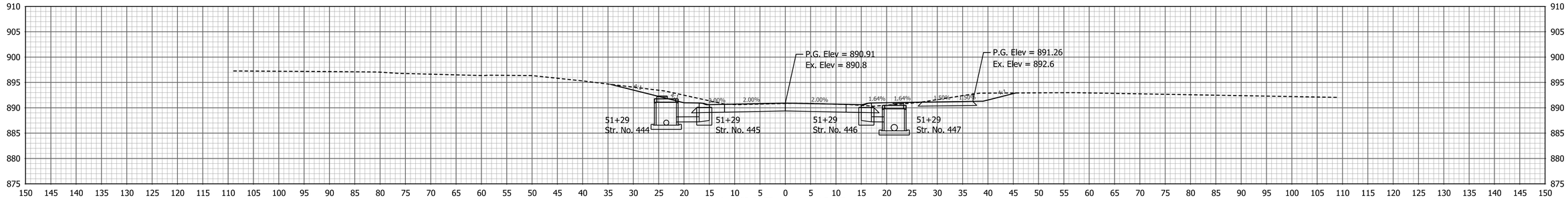
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

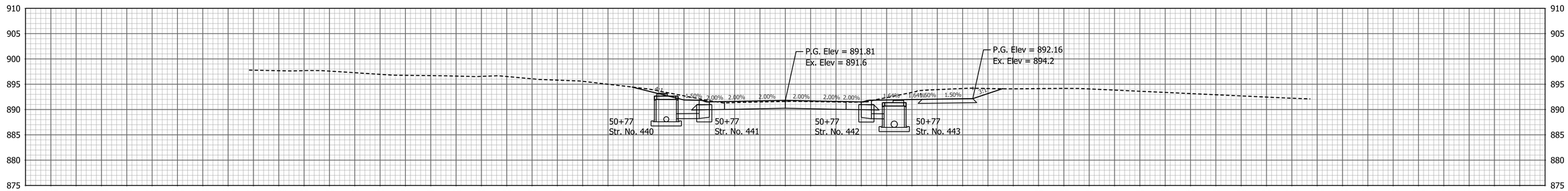
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	69 of 103
CONTRACT	PROJECT
R-41988	1802938



Ac = 88.8 SFT
Vc = 167 CYS

Af = 4.5 SFT
Vf = 5 CYS

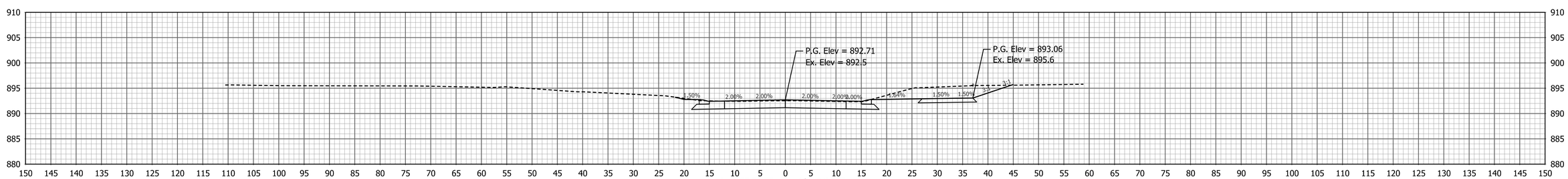
51+50



Ac = 91.4 SFT
Vc = 175 CYS

Af = 0.6 SFT
Vf = 1 CYS

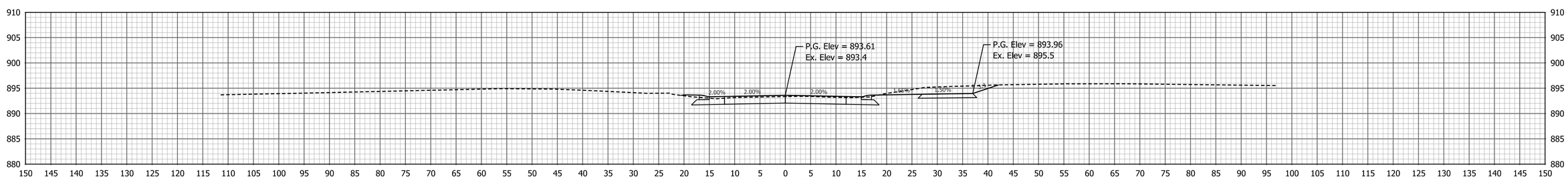
51+00



Ac = 97.5 SFT
Vc = 157 CYS

Af = 0.6 SFT
Vf = 3 CYS

50+50



Ac = 71.6 SFT
Vc = 106 CYS

Af = 2.2 SFT
Vf = 11 CYS

50+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:14 PM

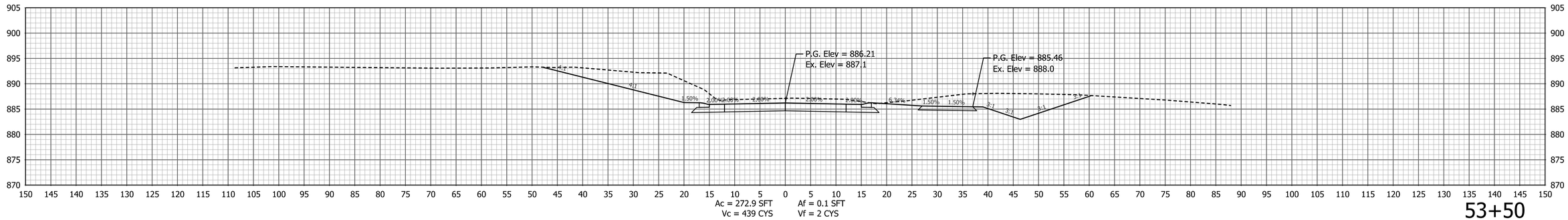
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

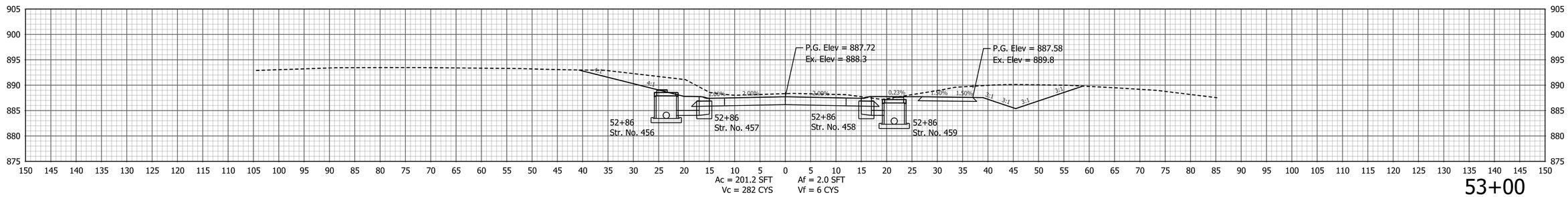
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

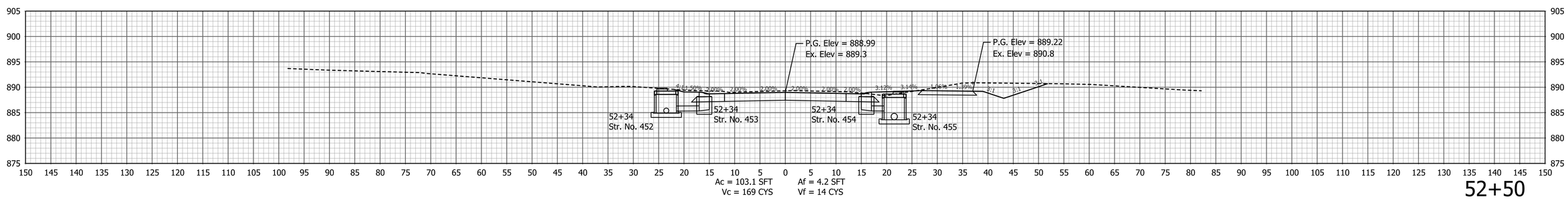
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	70 of 103
CONTRACT	PROJECT
R-41988	1802938



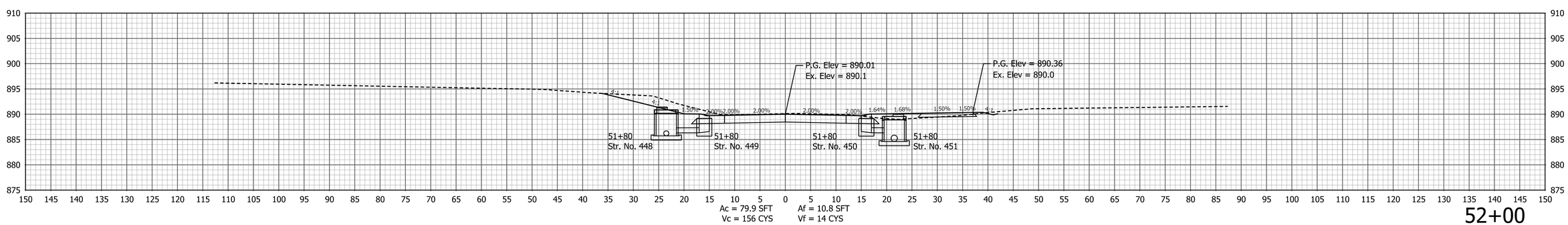
53+50



53+00



52+50



52+00

PATH AND FILENAME: V:\Projects\ANY\KS\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-020
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:15 PM

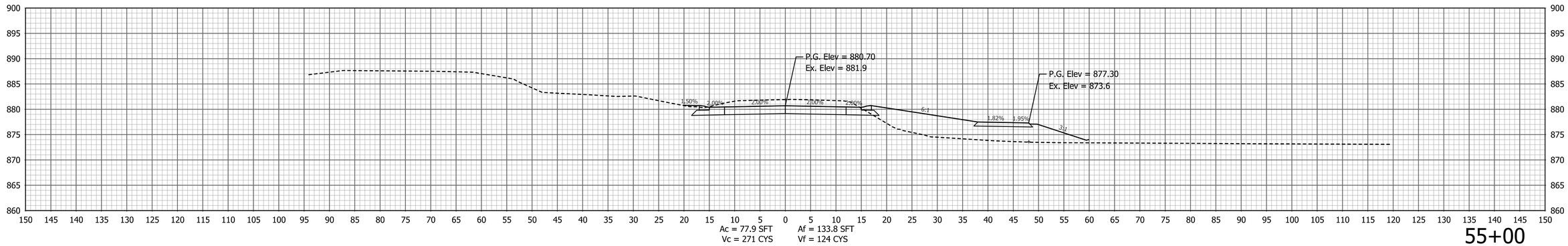
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

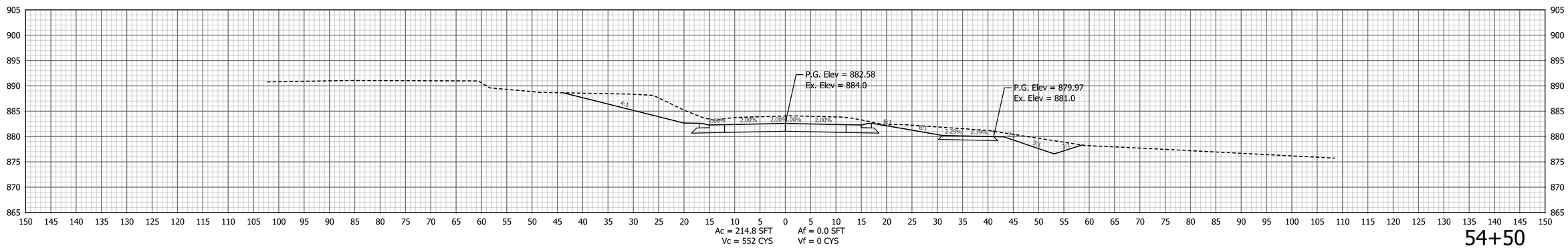
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

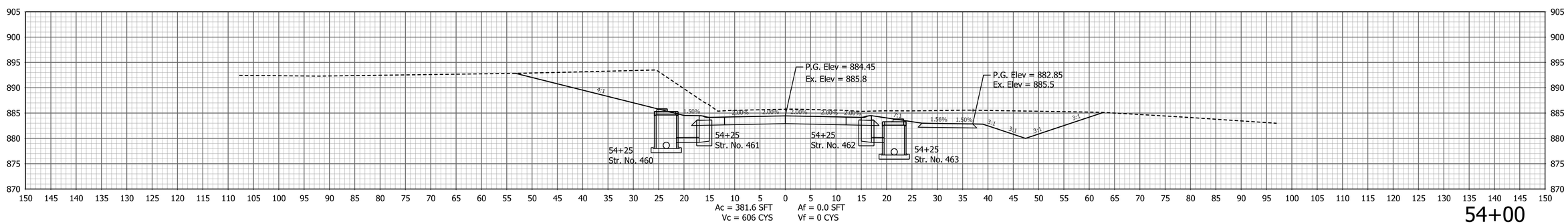
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	71 of 103
CONTRACT	PROJECT
R-41988	1802938



55+00



54+50



54+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:16 PM

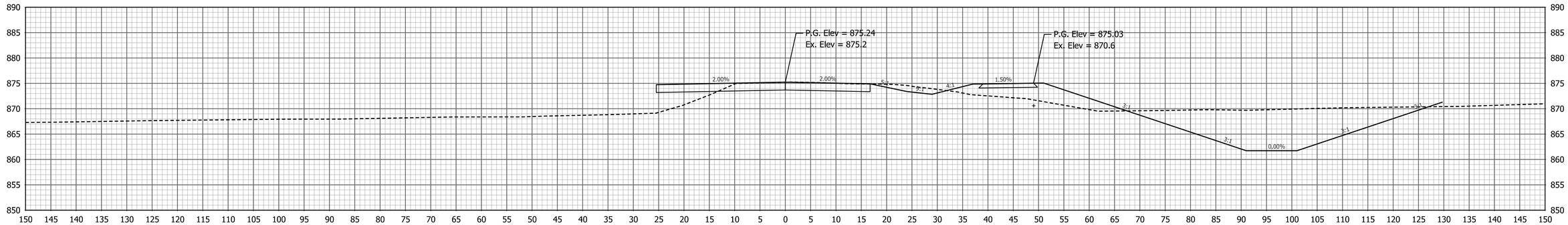
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK
DRAWN: TPH
CHECKED: SJS
CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

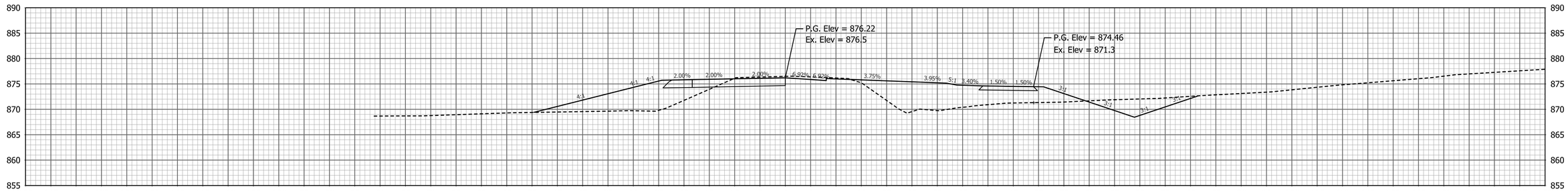
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	72 of 103
CONTRACT	PROJECT
R-41988	1802938



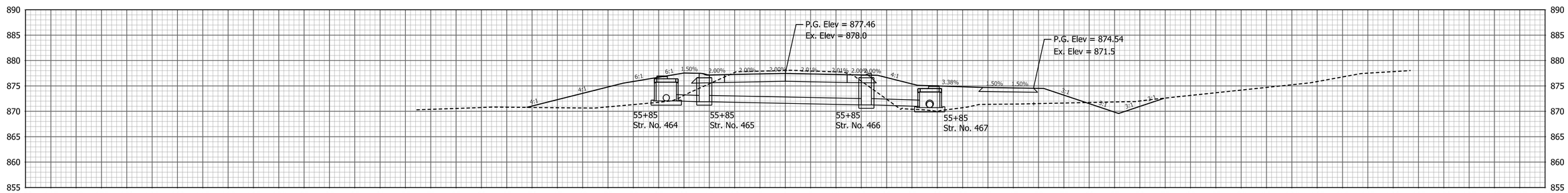
Ac = 338.9 SFT Af = 99.4 SFT
Vc = 374 CYS Vf = 324 CYS

57+00



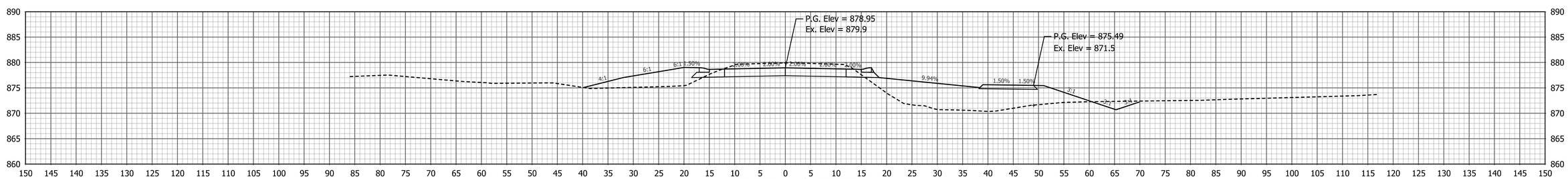
Ac = 64.9 SFT Af = 250.3 SFT
Vc = 126 CYS Vf = 467 CYS

56+50



Ac = 71.3 SFT Af = 253.8 SFT
Vc = 136 CYS Vf = 427 CYS

56+00



Ac = 75.3 SFT Af = 207.2 SFT
Vc = 142 CYS Vf = 316 CYS

55+50

PATH AND FILENAME: V:\Projects\ANY\KS\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-022
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:18 PM

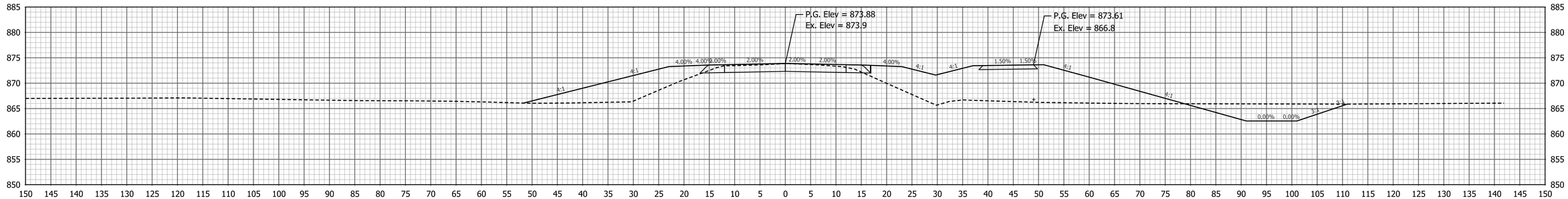
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	73 of 103
CONTRACT	PROJECT
R-41988	1802938



Ac = 108.6 SFT
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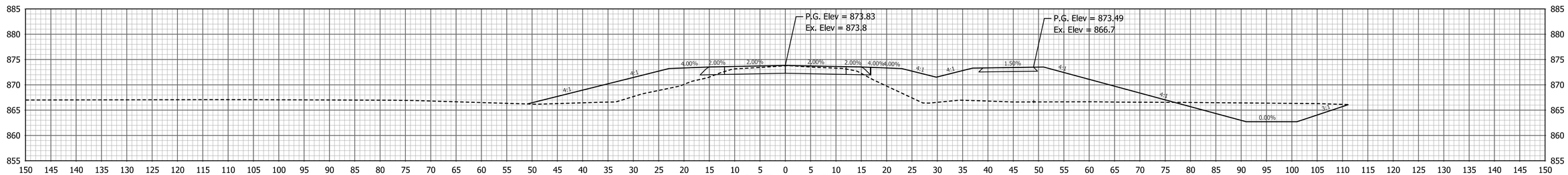
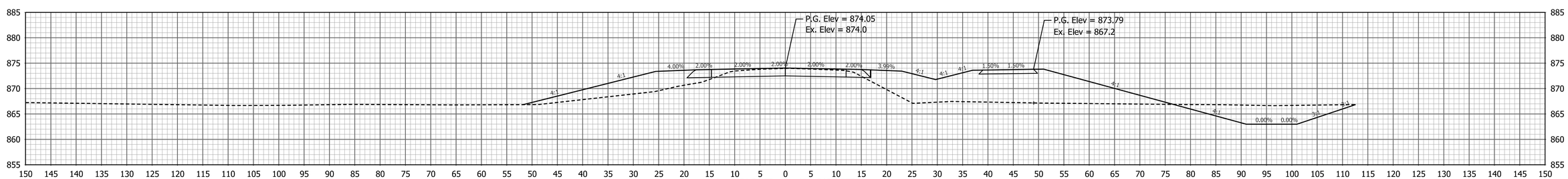
Af = 403.6 SFT
Vf = 717 CYS

59+00



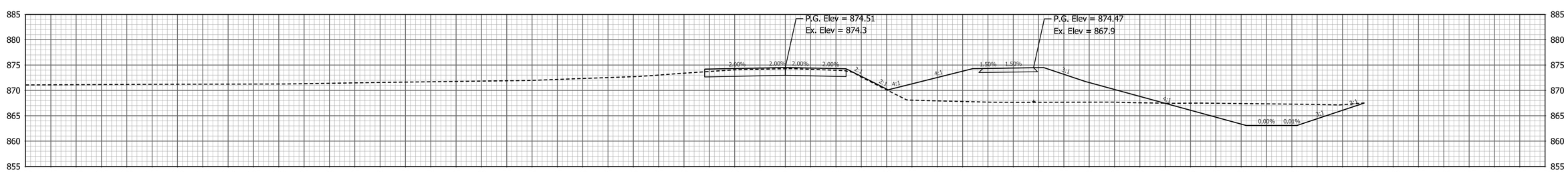
Ac = 115.1 SFT
Vc = 219 CYS
Af = 370.3 SFT
Vf = 663 CYS

58+50



Ac = 121.0 SFT
Vc = 241 CYS
Af = 346.3 SFT
Vf = 534 CYS

58+00



Ac = 138.9 SFT
Vc = 442 CYS
Af = 230.3 SFT
Vf = 305 CYS

57+50

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:18 PM

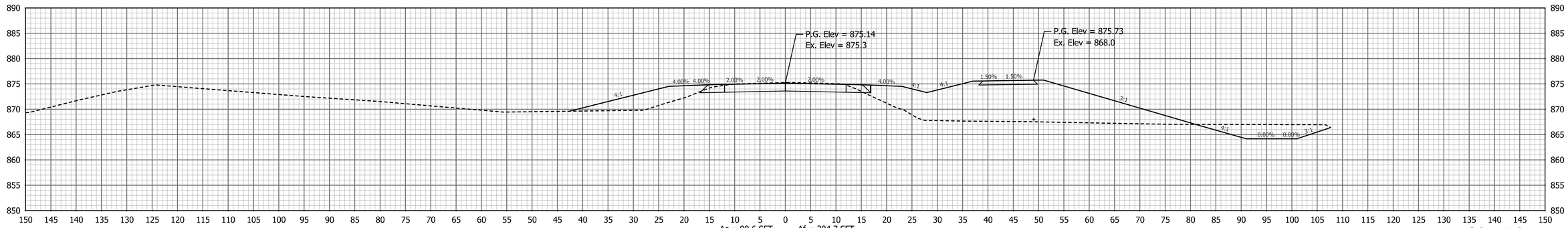
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

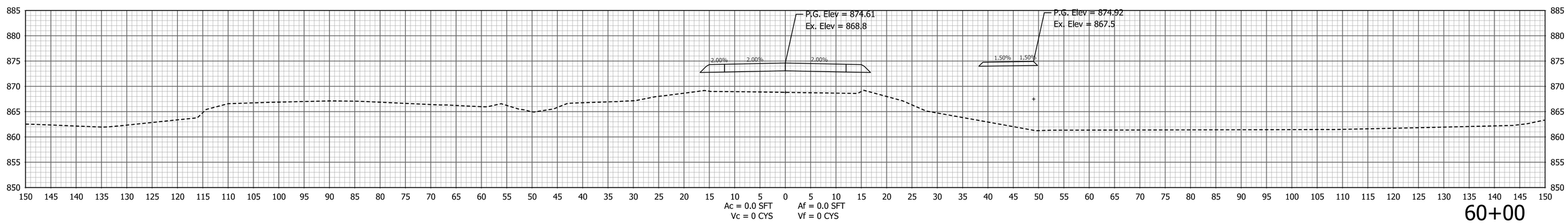
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

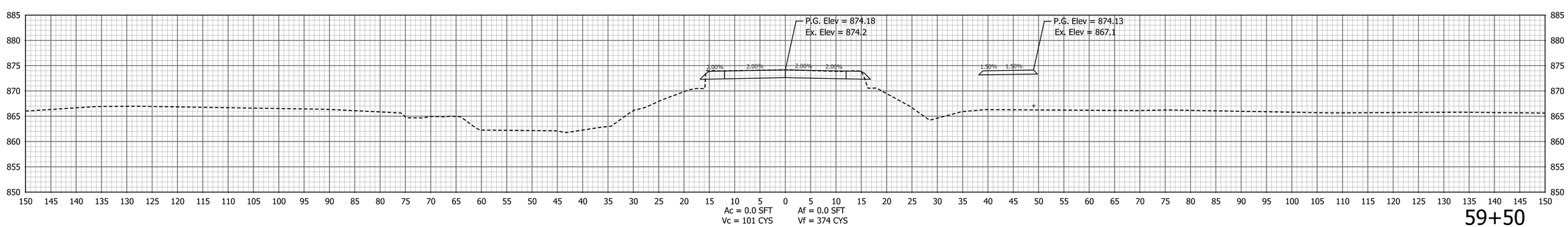
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	74 of 103
CONTRACT	PROJECT
R-41988	1802938



60+50



60+00



59+50

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TIME PLOTTED: 3:30:21 PM

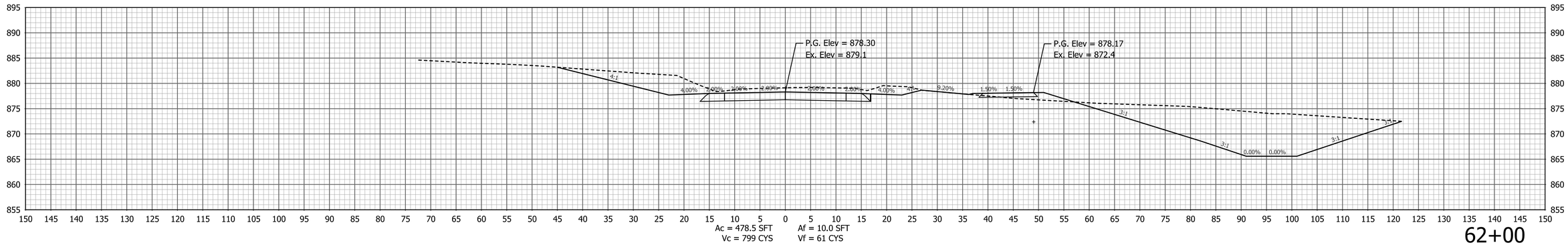
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

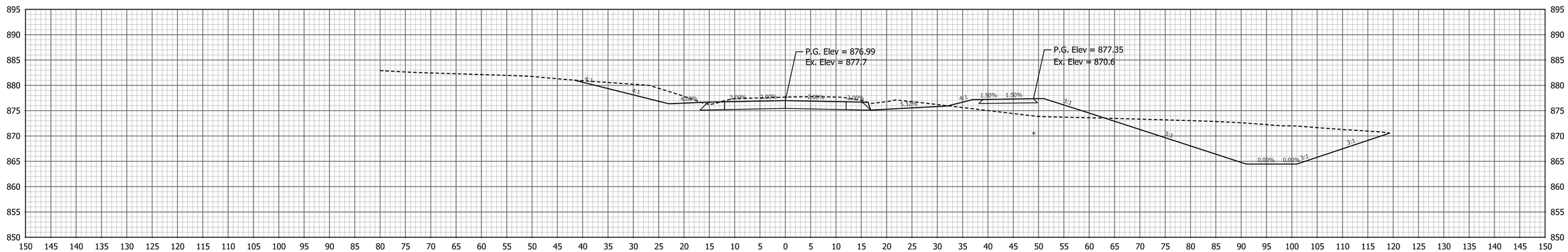
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

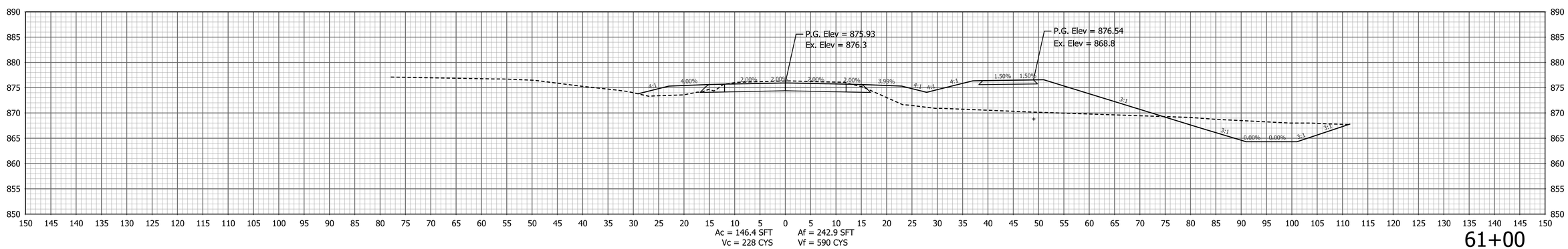
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	75 of 103
CONTRACT	PROJECT
R-41988	1802938



62+00



61+50



61+00

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:22 PM

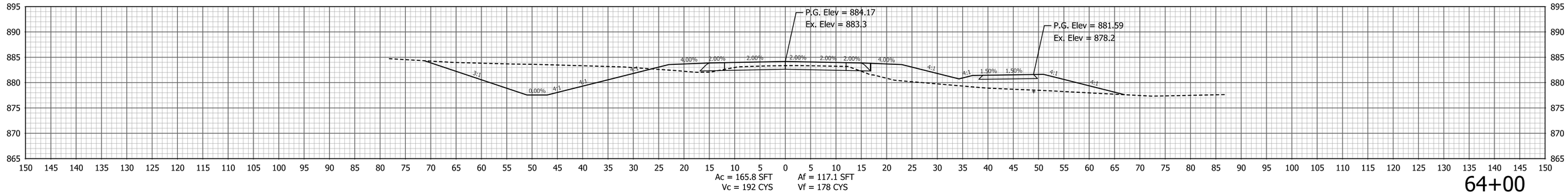
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

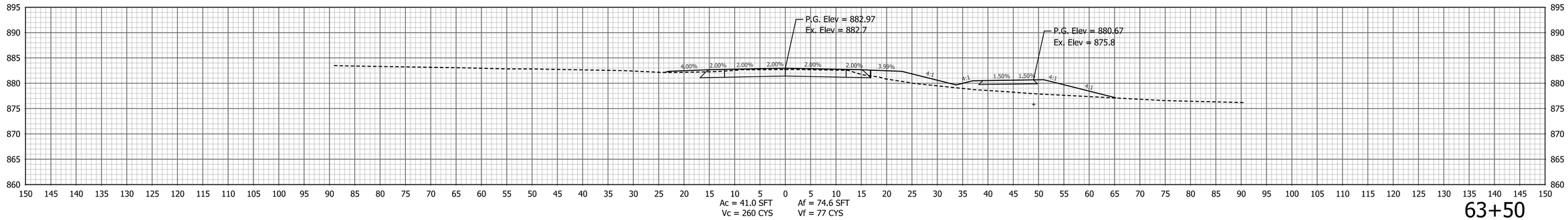
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	76 of 103
CONTRACT	PROJECT
R-41988	1802938



64+00



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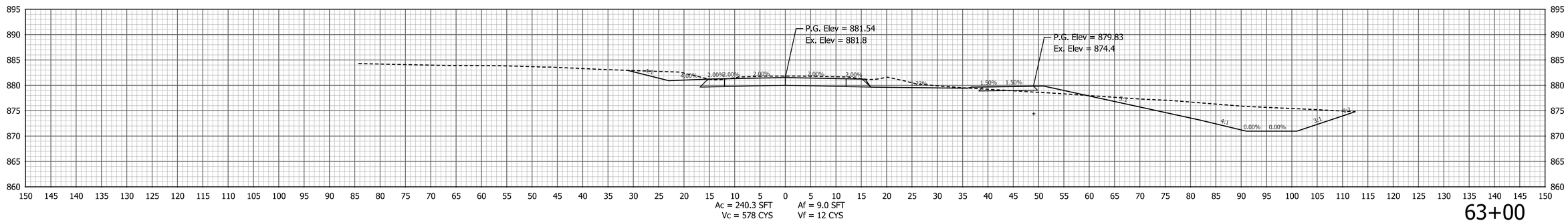
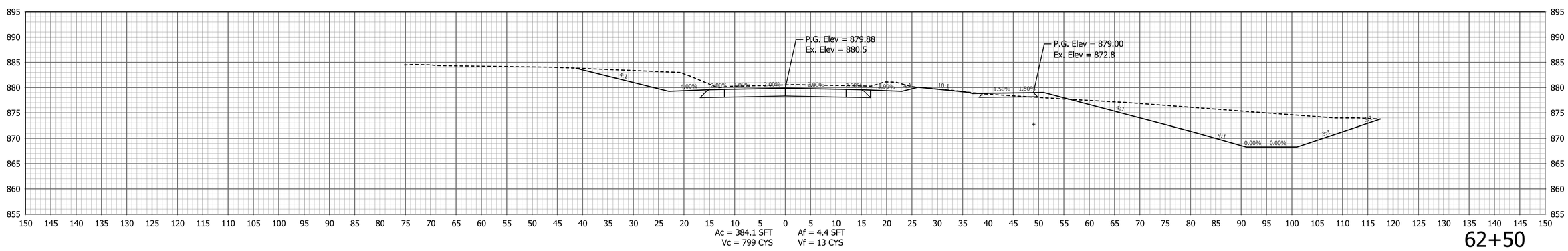


63+00



62+50

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:23 PM

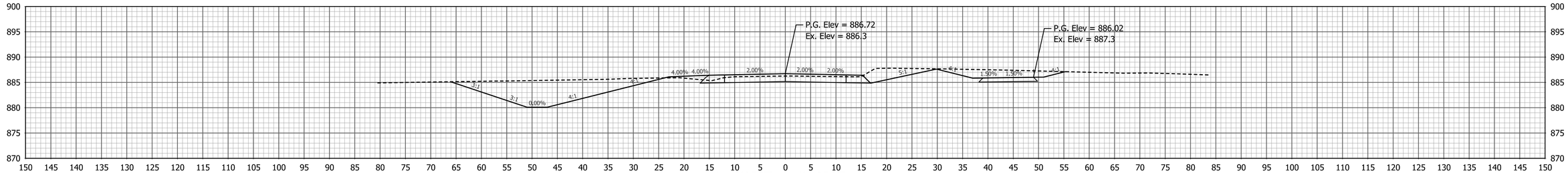
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

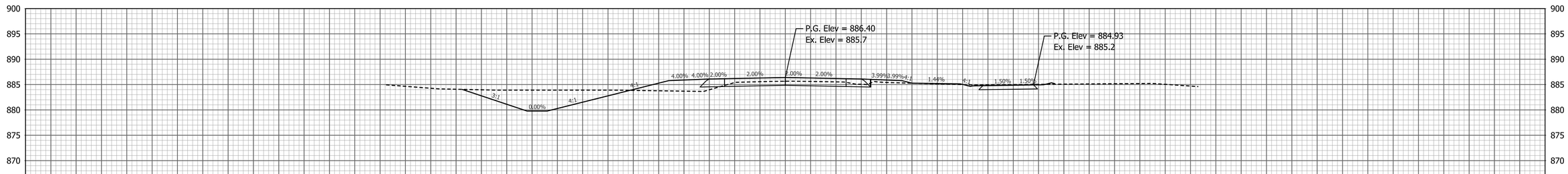
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	77 of 103
CONTRACT	PROJECT
R-41988	1802938



66+00



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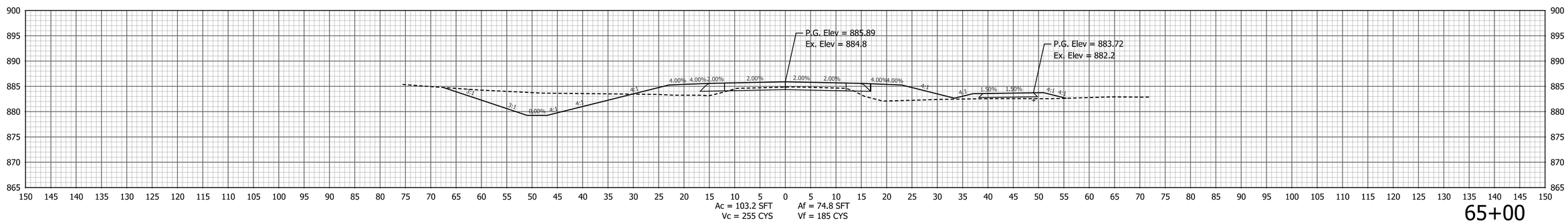

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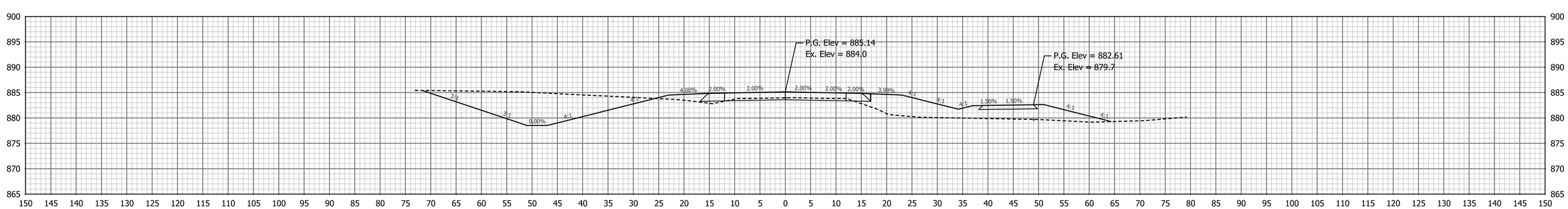

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TIME PLOTTED: 3:30:24 PM

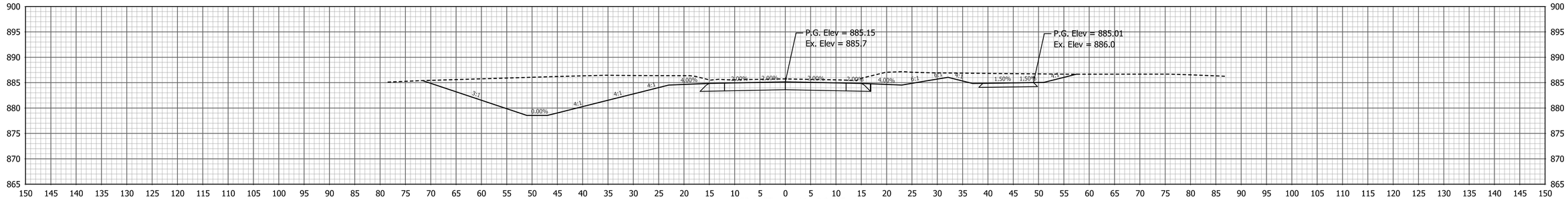
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

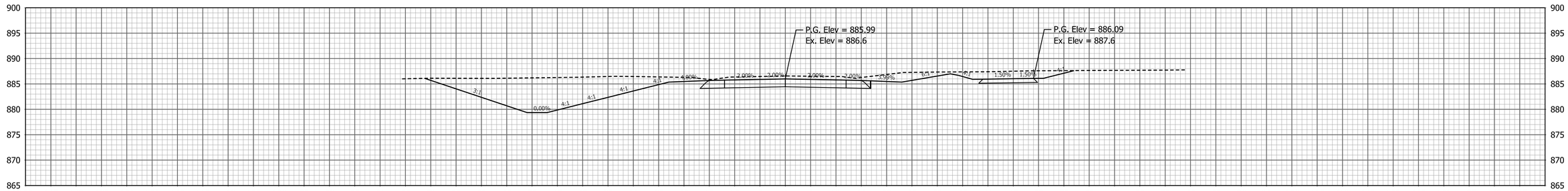
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

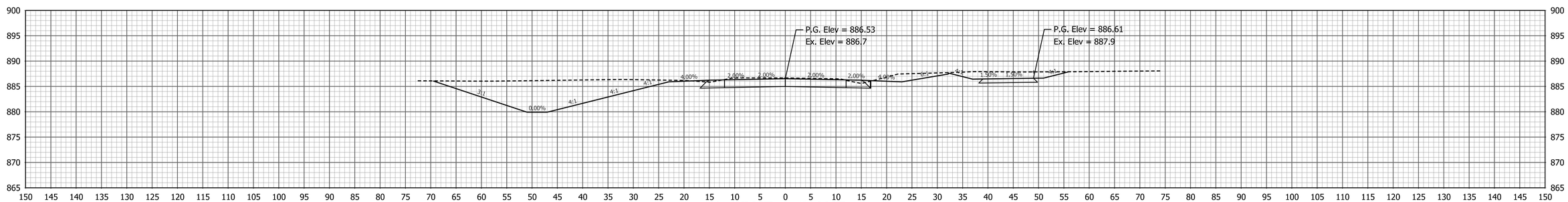
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	78 of 103
CONTRACT	PROJECT
R-41988	1802938



68+00



67+50



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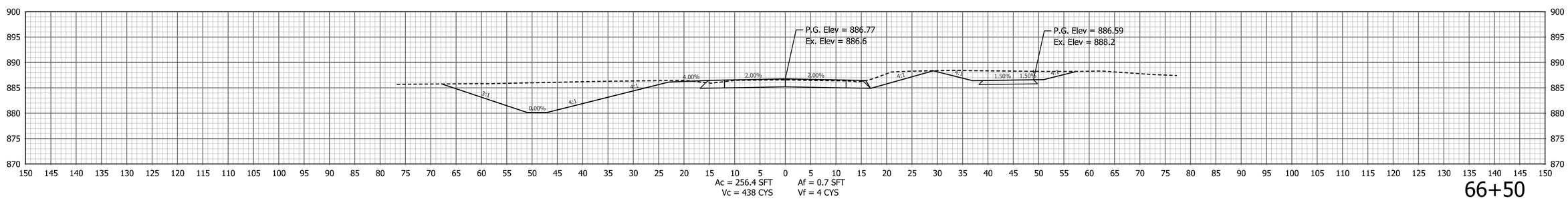

66+50

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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:25 PM

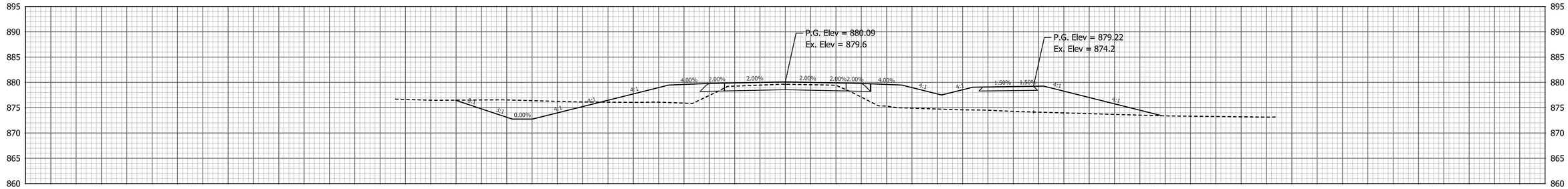
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

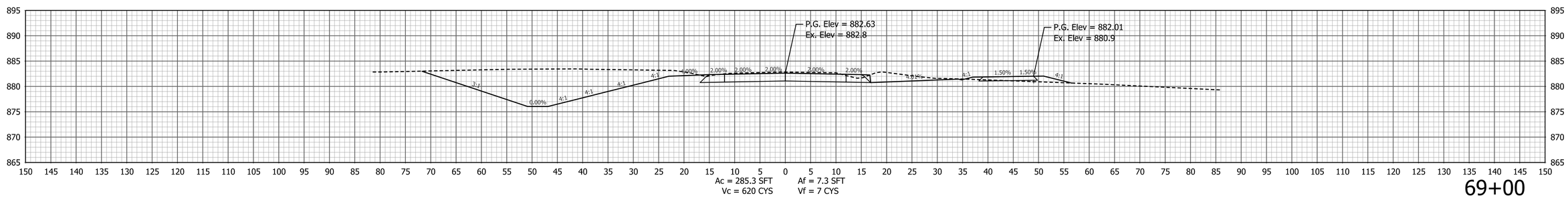
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	79 of 103
CONTRACT	PROJECT
R-41988	1802938

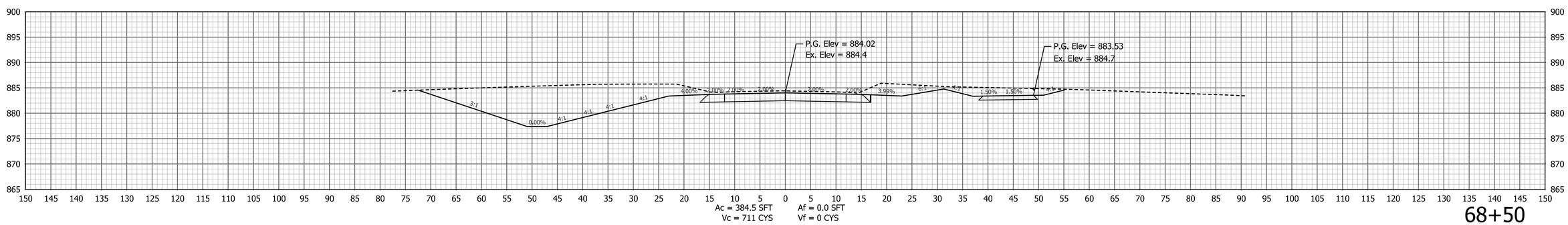


70+00

69+50



69+00



68+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:25 PM

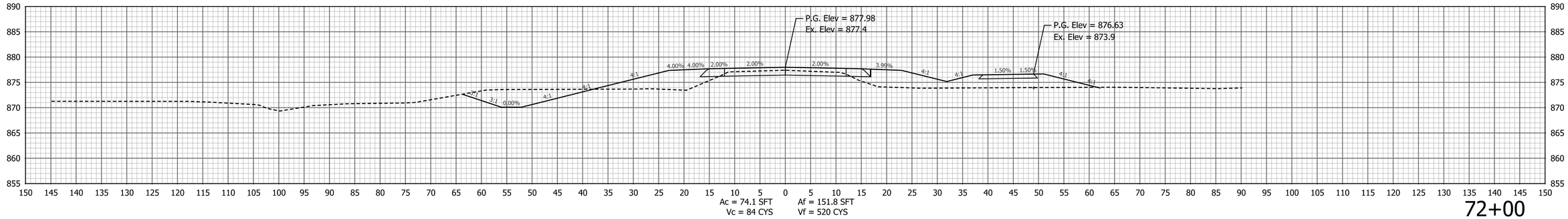
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

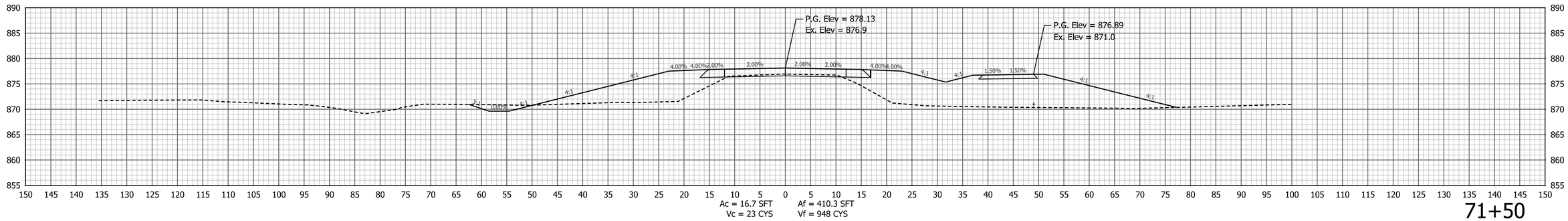
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

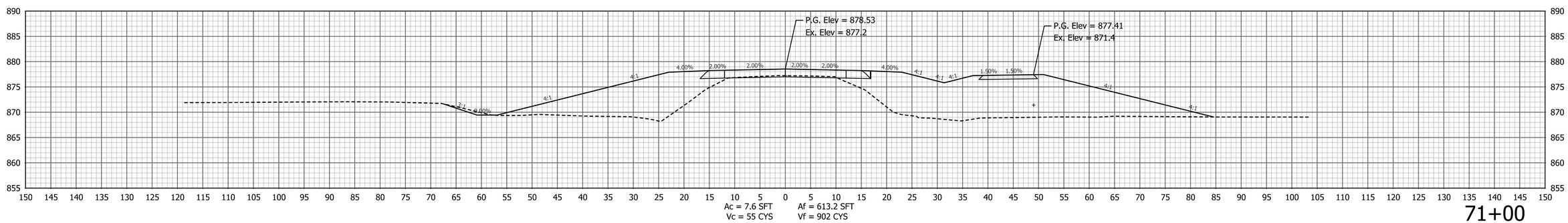
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	80 of 103
CONTRACT	PROJECT
R-41988	1802938



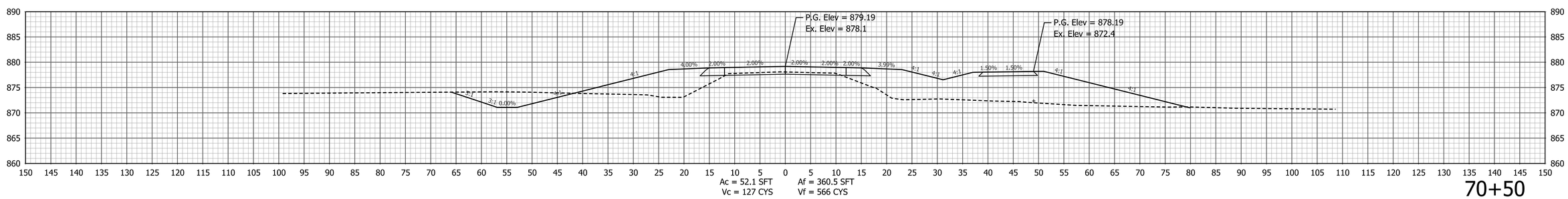
72+00



71+50



71+00



70+50

PATH AND FILENAME: V:\Projects\ANY\KS\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:26 PM

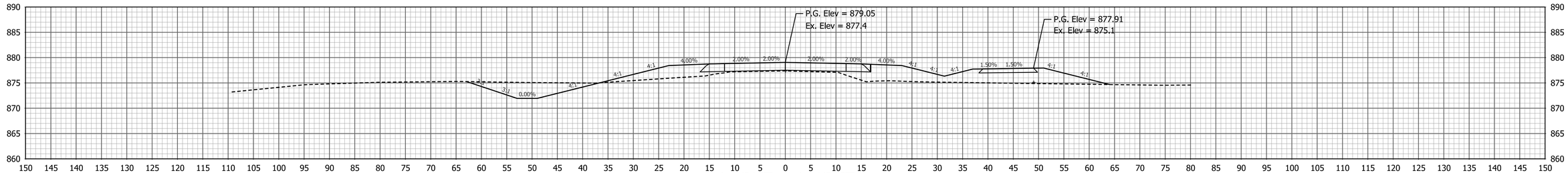
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

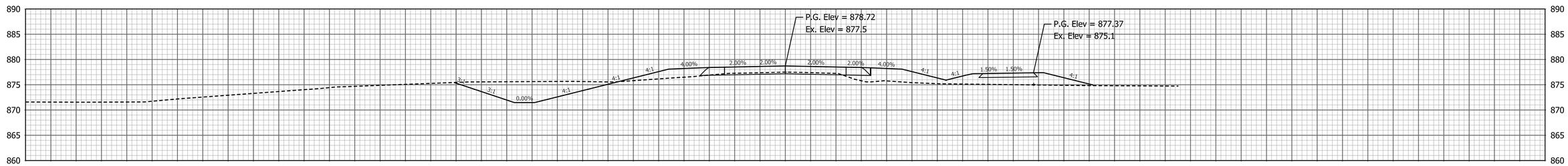
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

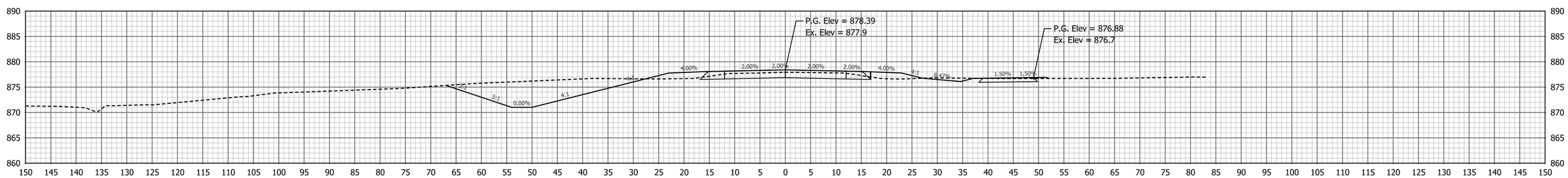
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	81 of 103
CONTRACT	PROJECT
R-41988	1802938



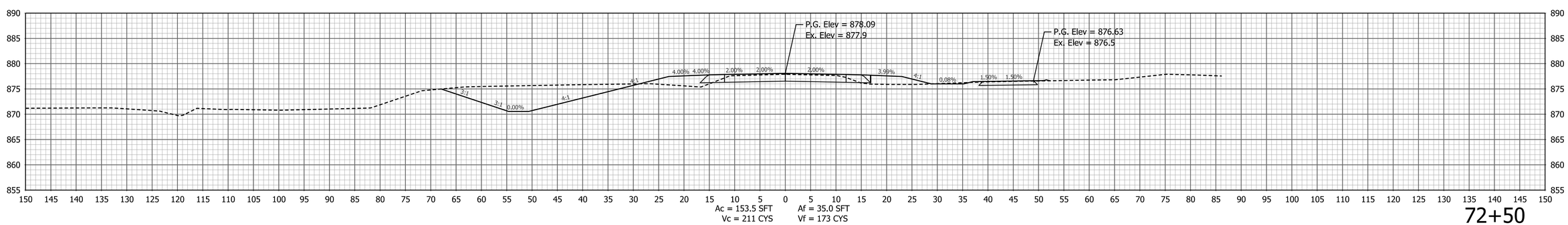
74+00



73+50



73+00



72+50

PATH AND FILENAME: V:\Projects\ANY\KS\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:27 PM

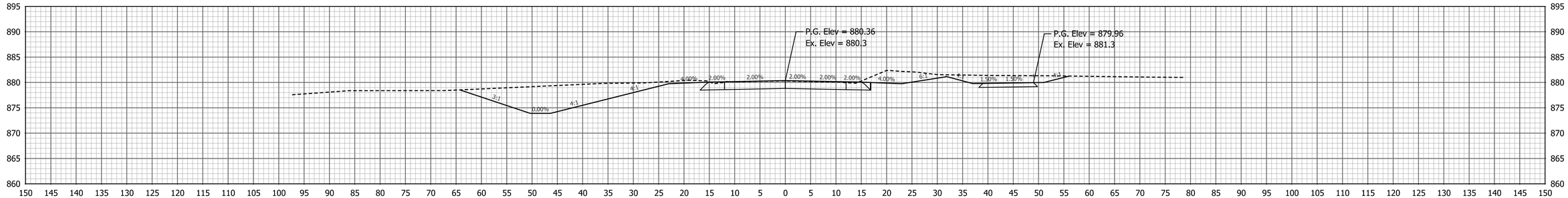
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

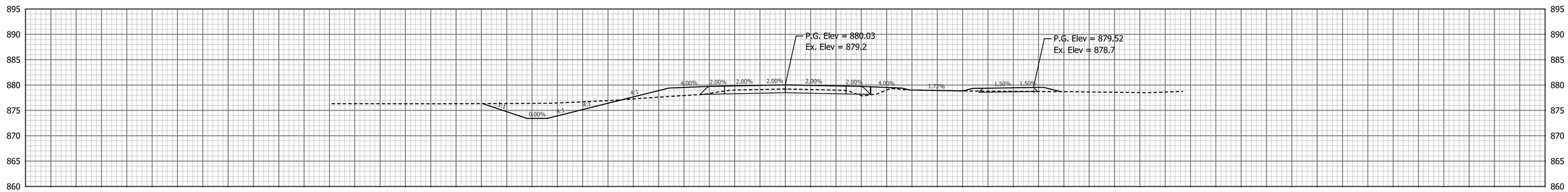
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	82 of 103
CONTRACT	PROJECT
R-41988	1802938



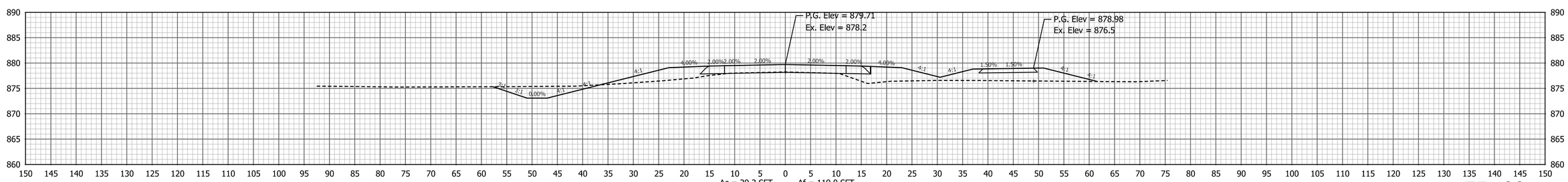
Ac = 242.4 SFT Af = 0.0 SFT
Vc = 287 CYS Vf = 26 CYS

76+00



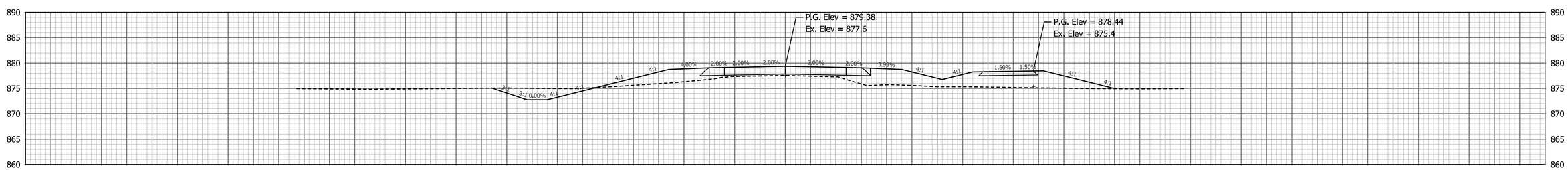
Ac = 67.0 SFT Af = 28.1 SFT
Vc = 89 CYS Vf = 136 CYS

75+50



Ac = 29.3 SFT Af = 119.0 SFT
Vc = 52 CYS Vf = 263 CYS

75+00



Ac = 27.1 SFT Af = 164.9 SFT
Vc = 69 CYS Vf = 290 CYS

74+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:28 PM

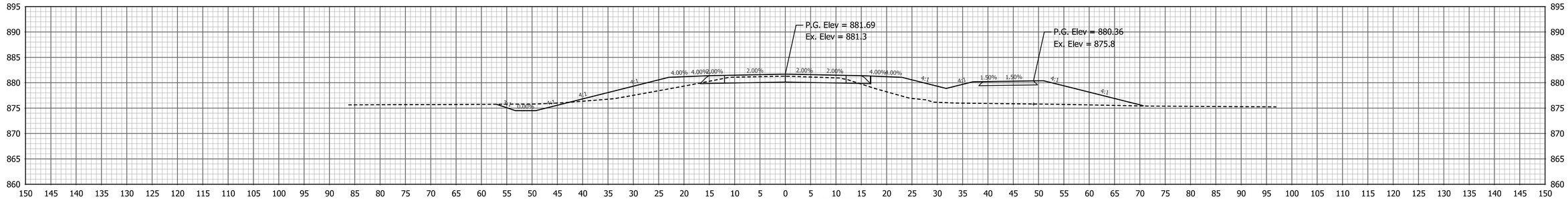
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

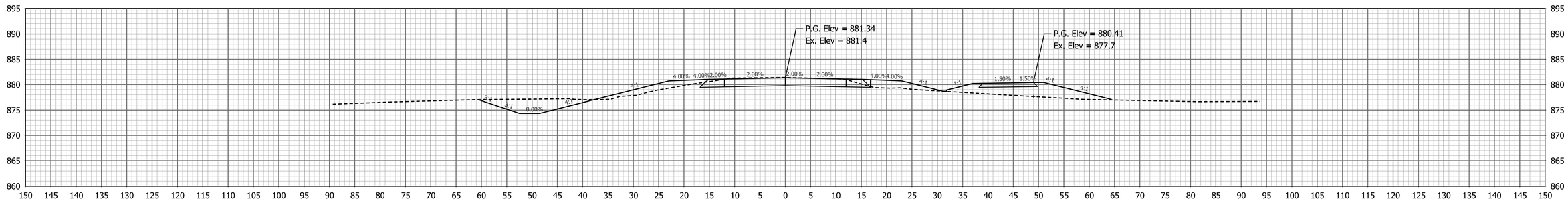
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

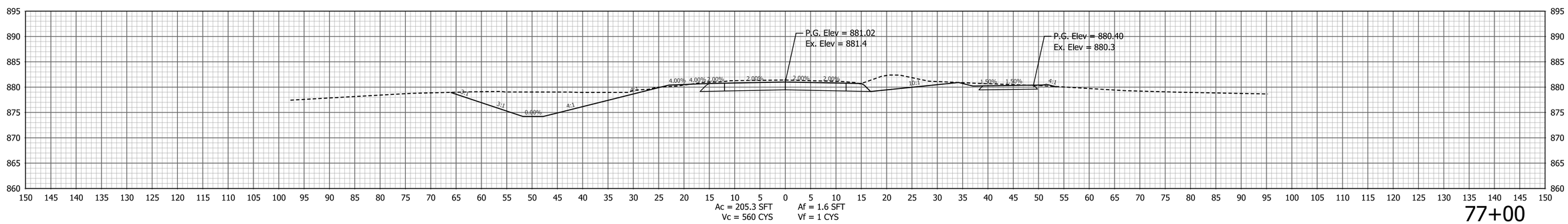
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	83 of 103
CONTRACT	PROJECT
R-41988	1802938



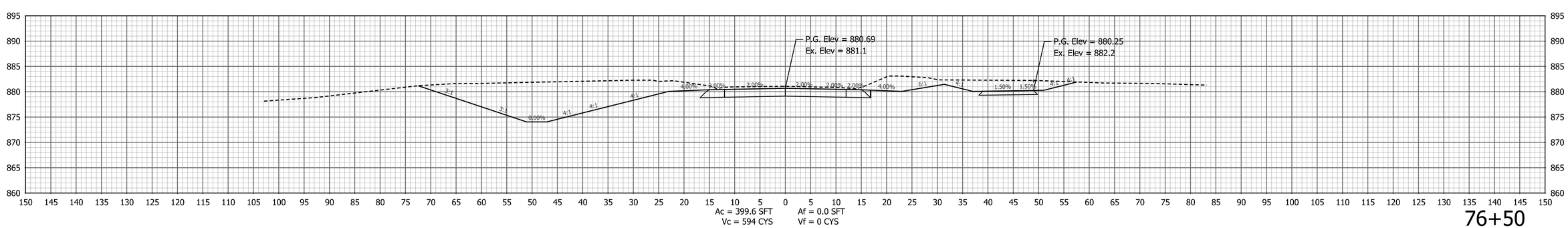
78+00



77+50



77+00



76+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_01.dgn
MODEL NAME: XS-033
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:29 PM

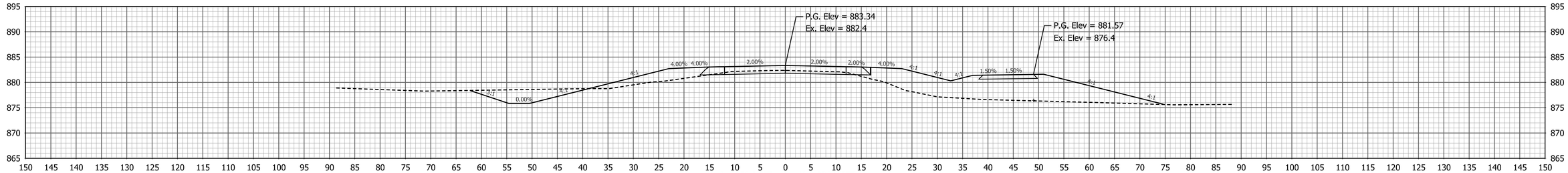
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

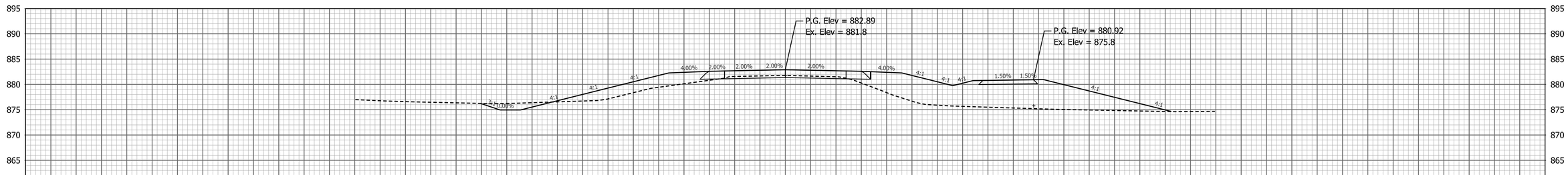
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

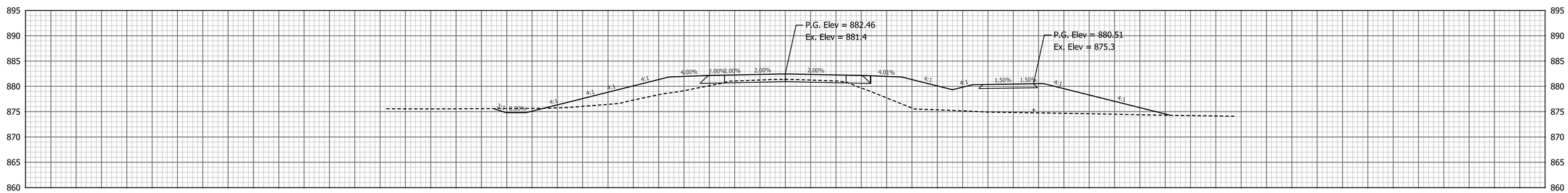
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	84 of 103
CONTRACT	PROJECT
R-41988	1802938



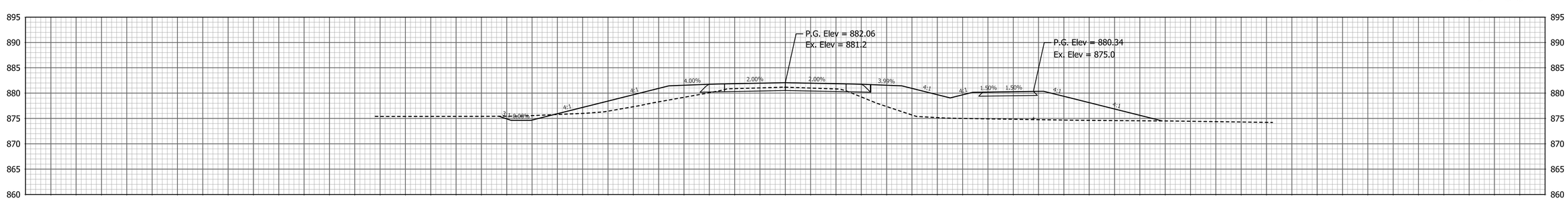
80+00



79+50



79+00



78+50

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MODEL NAME: XS-034
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:30 PM

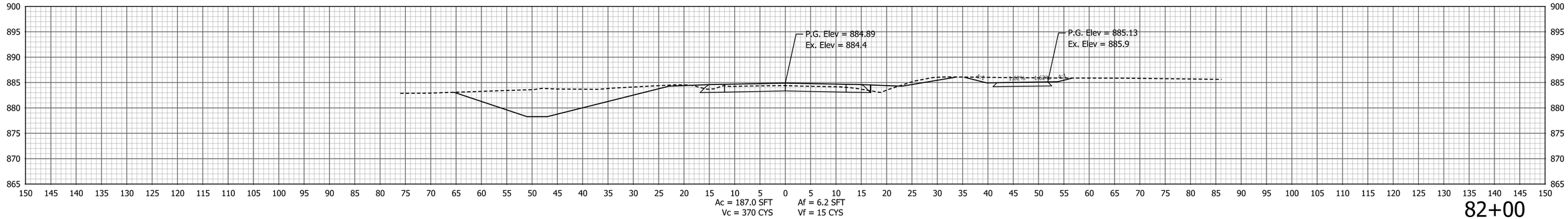
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

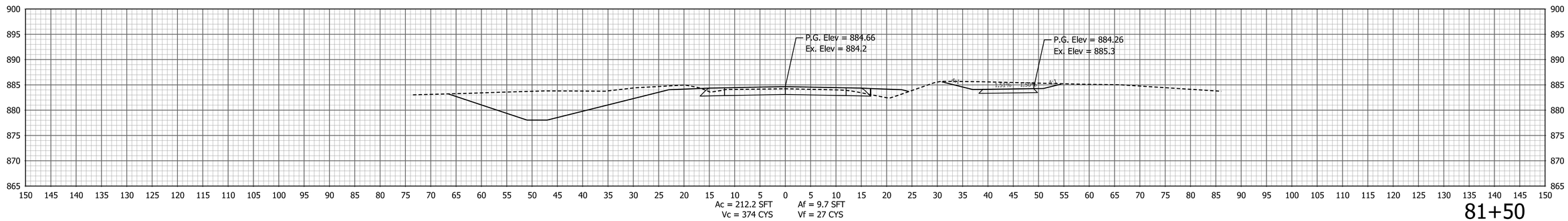
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

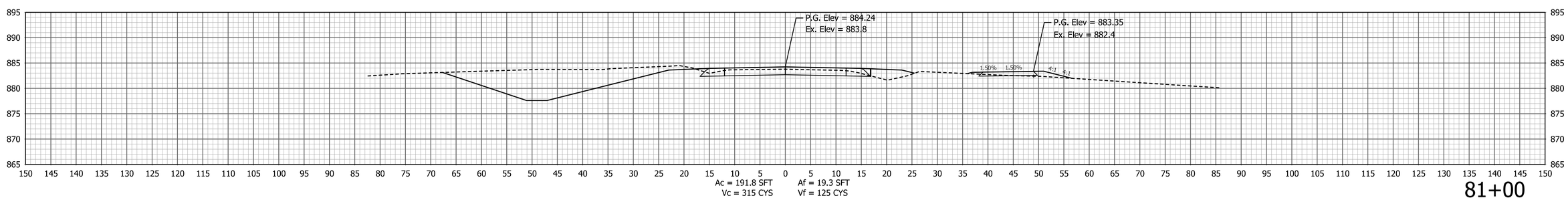
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	85 of 103
CONTRACT	PROJECT
R-41988	1802938



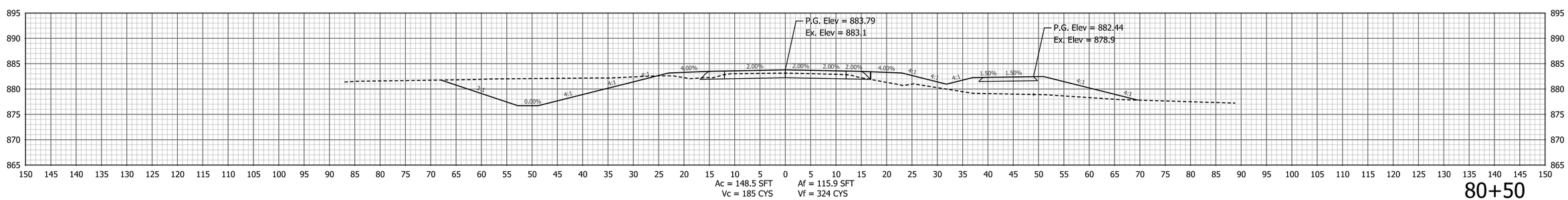
82+00



81+50



81+00



80+50

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MODEL NAME: XS-035
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:31 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

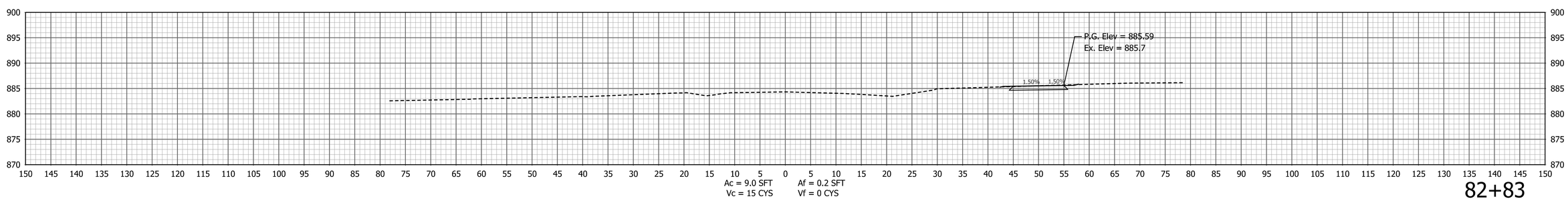
DESIGNED: BTK DRAWN: TPH

CHECKED: SJS CHECKED: SJS

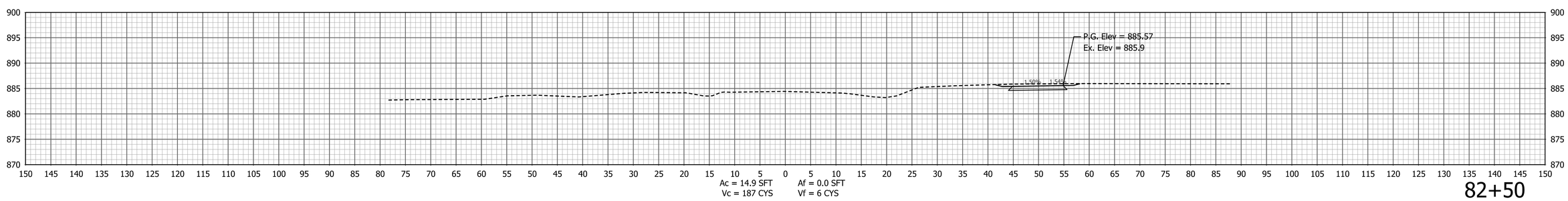
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	86 of 103
CONTRACT	PROJECT
R-41988	1802938



82+83



82+50

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MODEL NAME: XS-036
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:32 PM

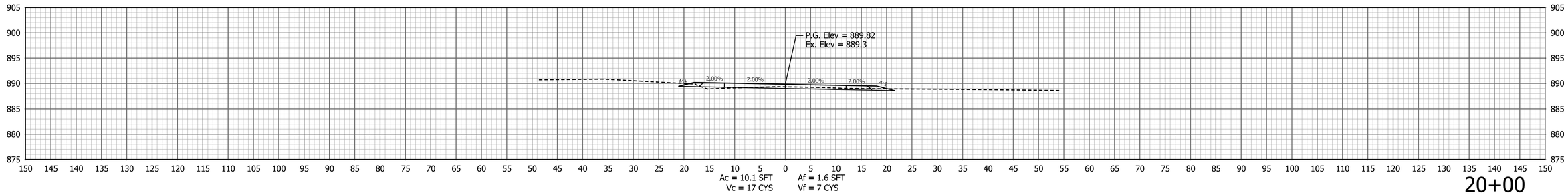
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

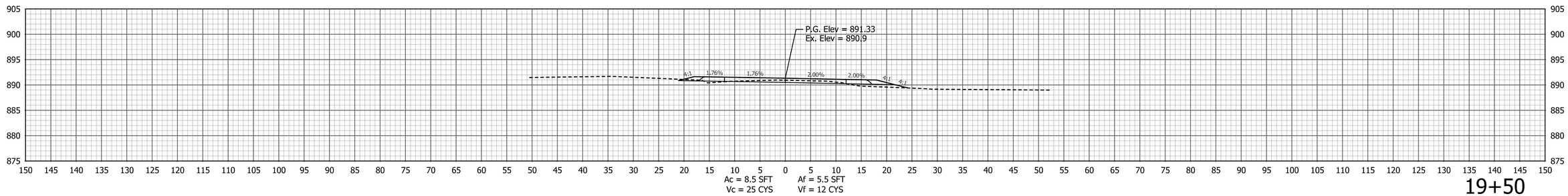
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

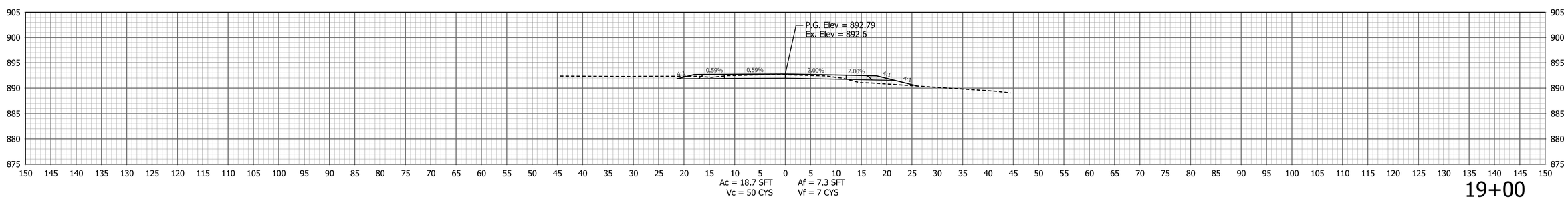
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	87 of 103
CONTRACT	PROJECT
R-41988	1802938



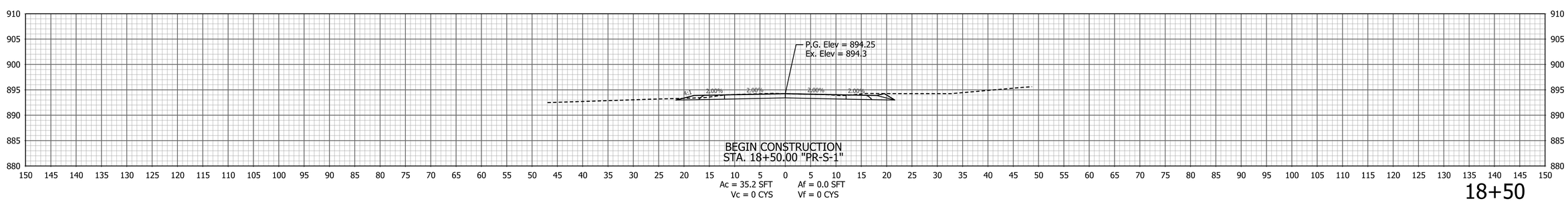
20+00



19+50



19+00



18+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-001
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:40 PM

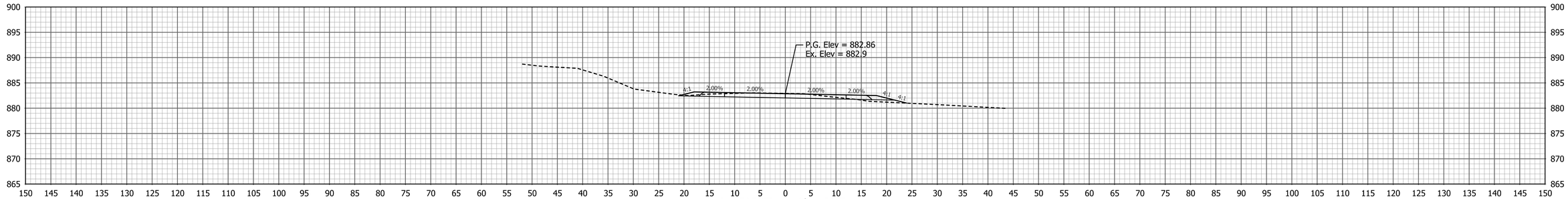
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: BTK | DRAWN: TPH
CHECKED: SJS | CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

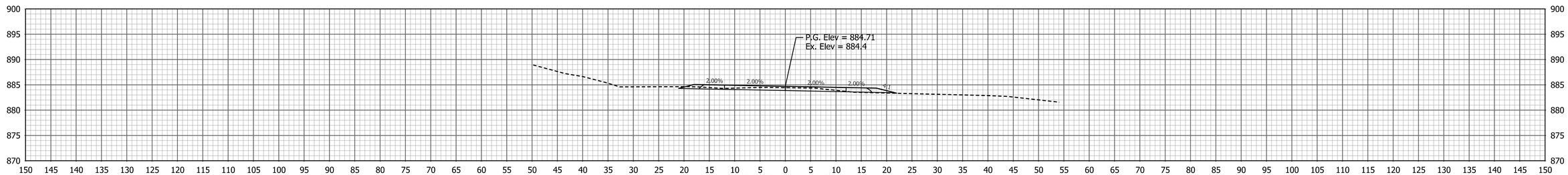
CROSS SECTIONS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	88 of 103
CONTRACT	PROJECT
R-41988	1802938



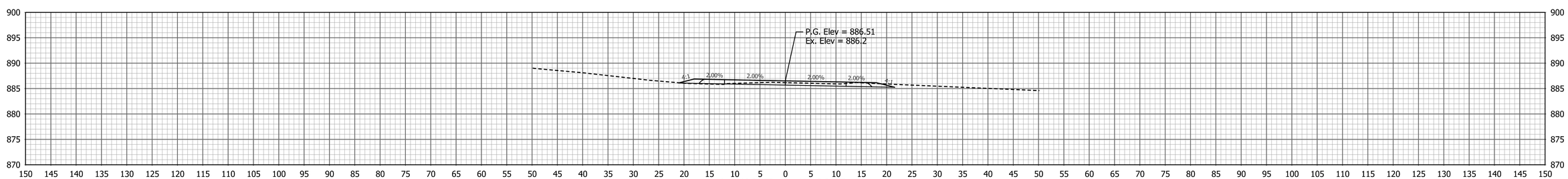
Ac = 20.5 SFT
Vc = 32 CYS
Af = 3.0 SFT
Vf = 3 CYS

22+00



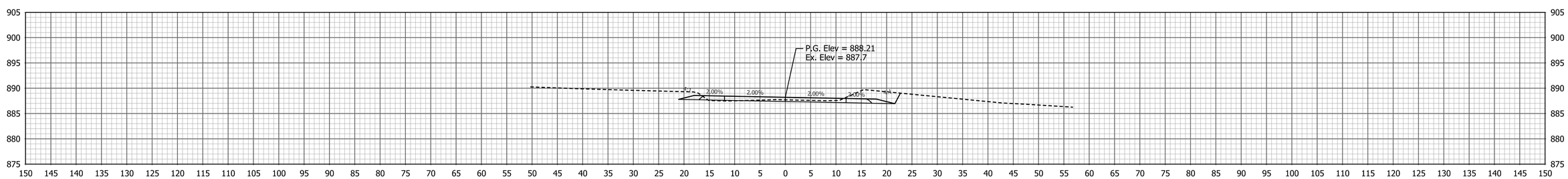
Ac = 13.6 SFT
Vc = 27 CYS
Af = 0.7 SFT
Vf = 1 CYS

21+50



Ac = 16.0 SFT
Vc = 48 CYS
Af = 0.6 SFT
Vf = 1 CYS

21+00



Ac = 36.1 SFT
Vc = 43 CYS
Af = 0.6 SFT
Vf = 2 CYS

20+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-002
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:41 PM

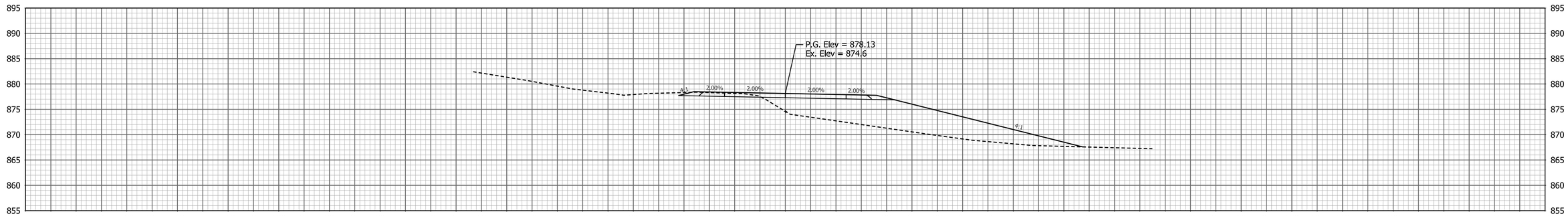
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

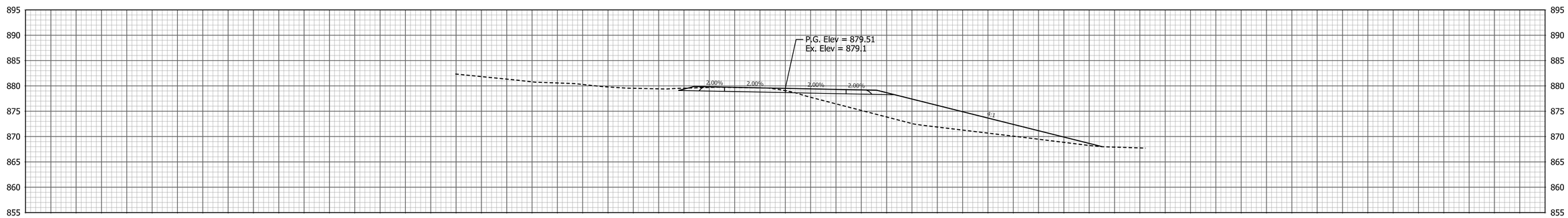
CROSS SECTIONS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	89 of 103
CONTRACT	PROJECT
R-41988	1802938



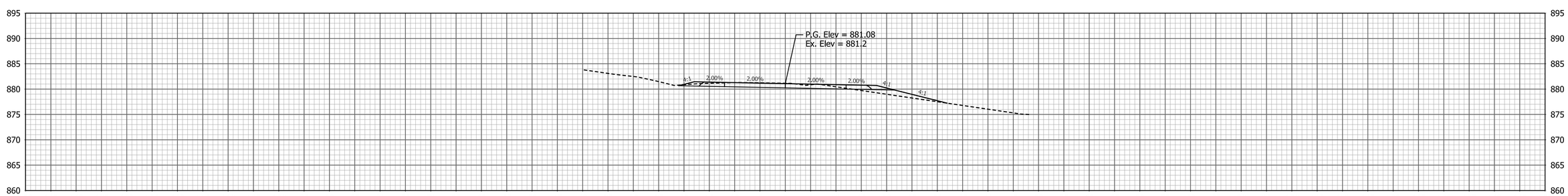
Ac = 10.0 SFT
Vc = 23 CYS
Af = 228.1 SFT
Vf = 357 CYS

23+50



Ac = 15.3 SFT
Vc = 35 CYS
Af = 157.5 SFT
Vf = 155 CYS

23+00



Ac = 22.8 SFT
Vc = 40 CYS
Af = 10.1 SFT
Vf = 12 CYS

22+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-003
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:42 PM

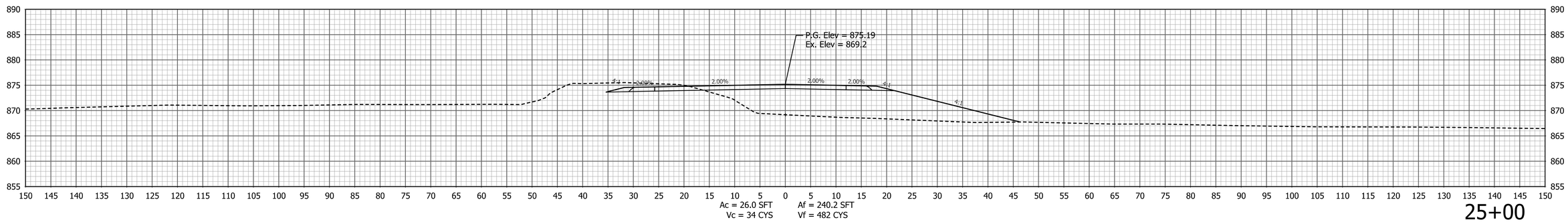
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

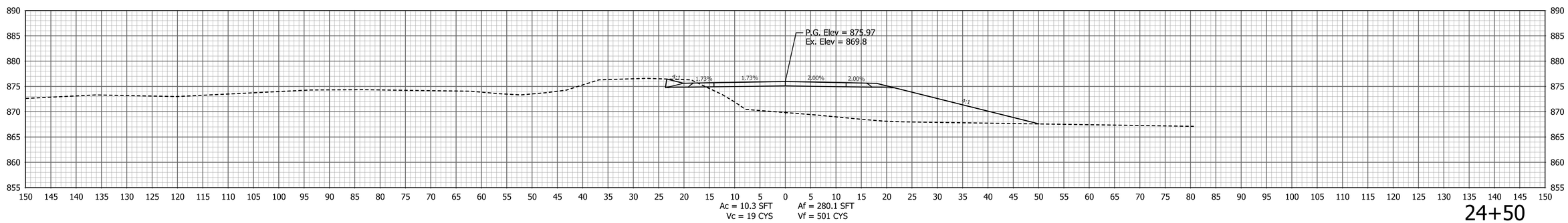
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-S-1"

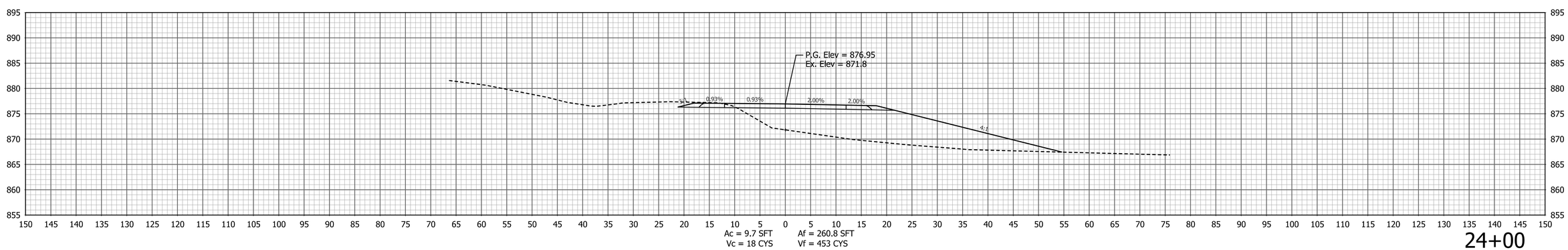
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	90 of 103
CONTRACT	PROJECT
R-41988	1802938



25+00



24+50



24+00

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-004
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:43 PM

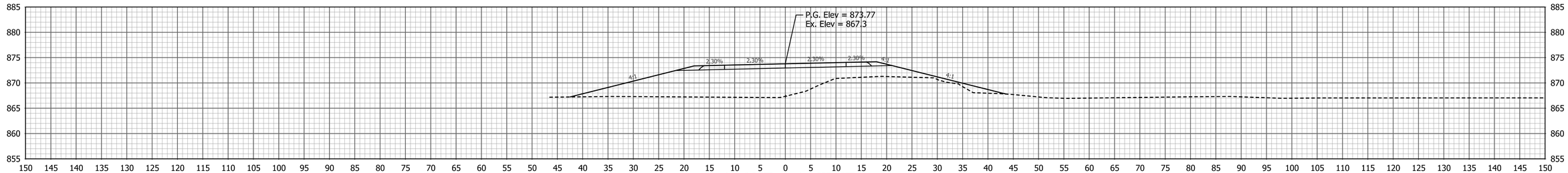
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

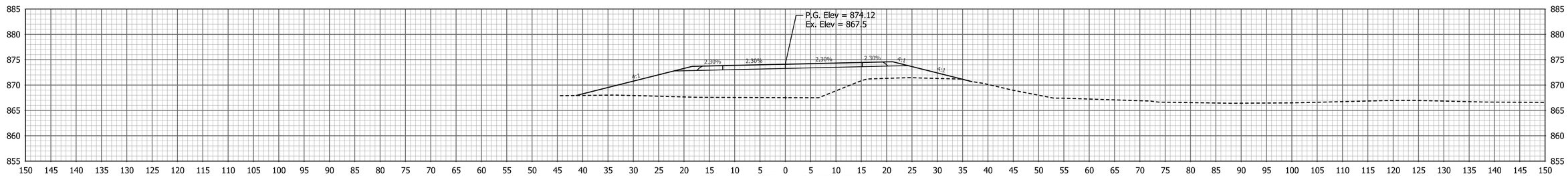
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-S-1"

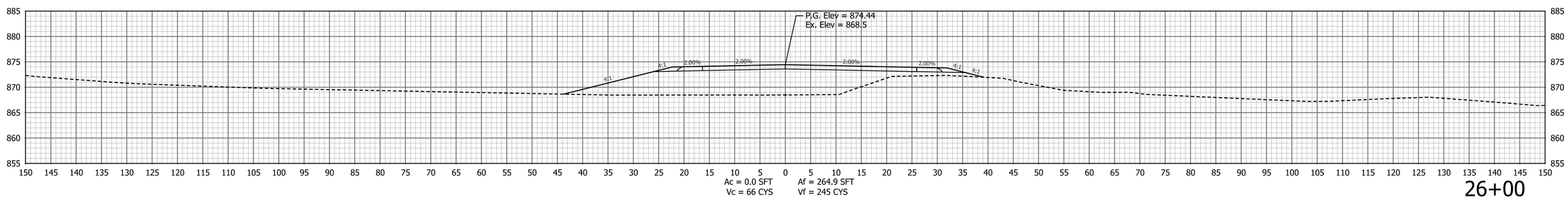
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	91 of 103
CONTRACT	PROJECT
R-41988	1802938



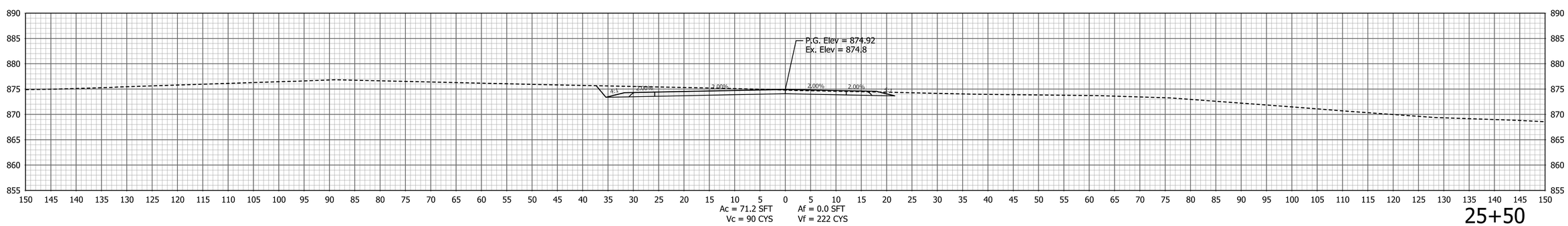
27+00



26+50



26+00



25+50

PATH AND FILENAME: V:\Projects\ANY\KS\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-005
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:44 PM

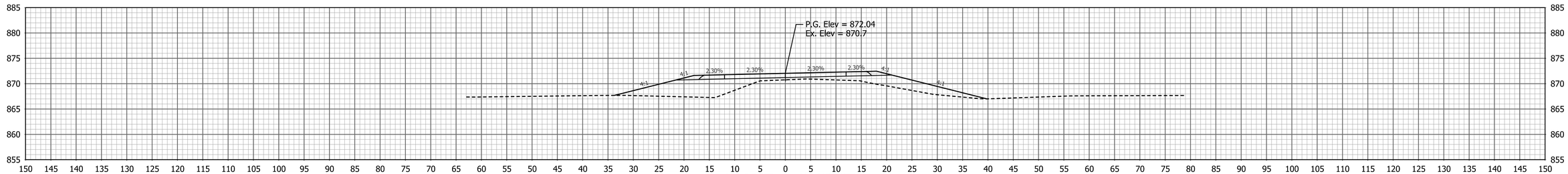
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

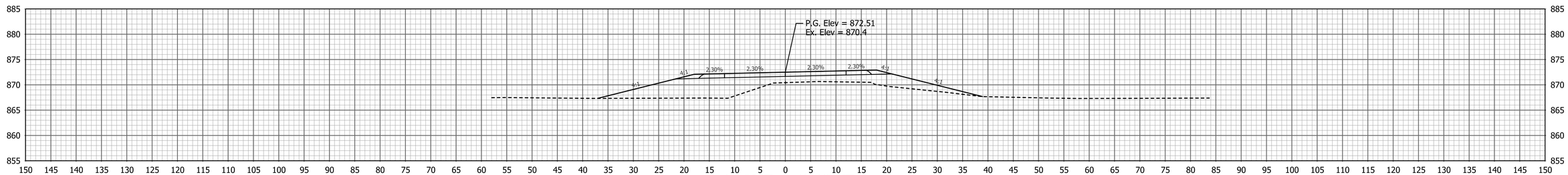
CROSS SECTIONS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	92 of 103
CONTRACT	PROJECT
R-41988	1802938



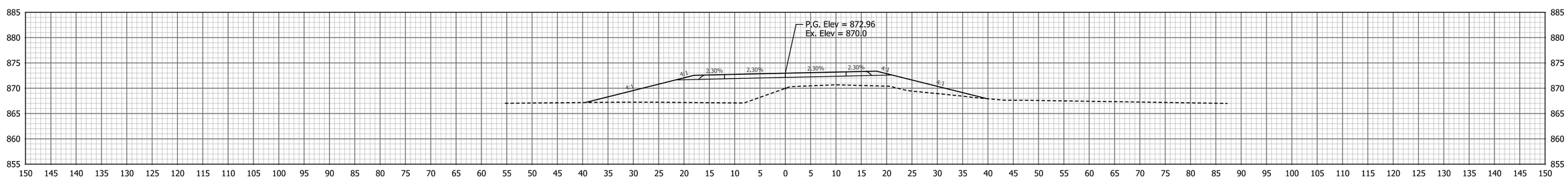
Ac = 0.0 SFT
Vc = 0 CYS
Af = 113.1 SFT
Vf = 243 CYS

29+00



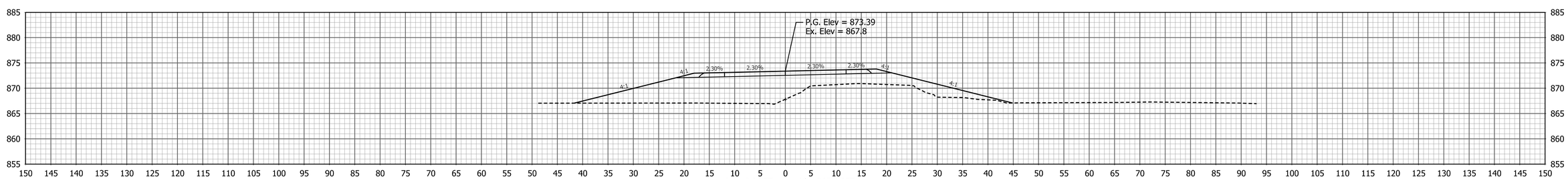
Ac = 0.0 SFT
Vc = 0 CYS
Af = 149.7 SFT
Vf = 320 CYS

28+50



Ac = 0.0 SFT
Vc = 0 CYS
Af = 195.5 SFT
Vf = 412 CYS

28+00



Ac = 0.0 SFT
Vc = 0 CYS
Af = 249.6 SFT
Vf = 470 CYS

27+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-006
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:44 PM

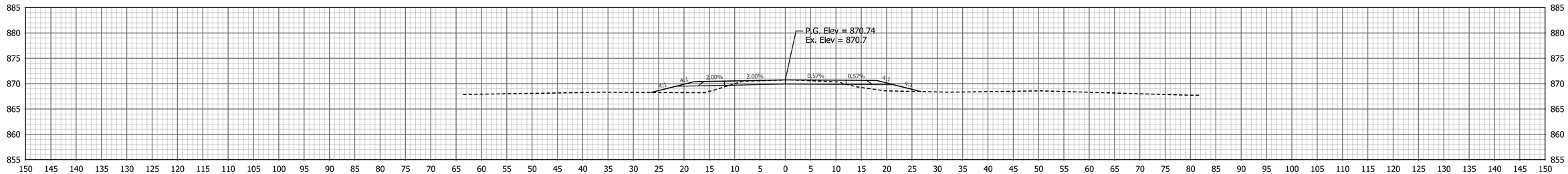
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

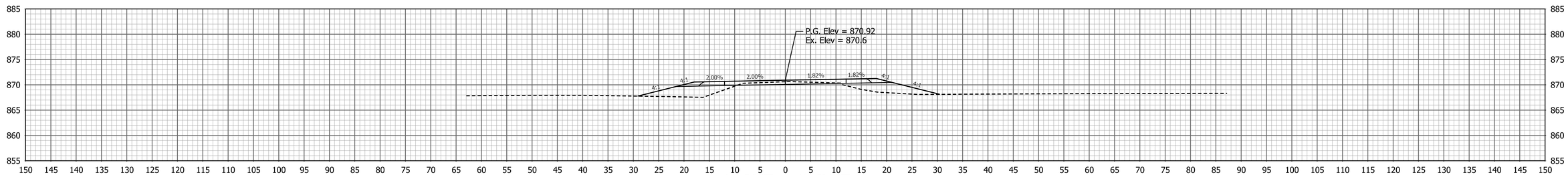
CROSS SECTIONS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	93 of 103
CONTRACT	PROJECT
R-41988	1802938



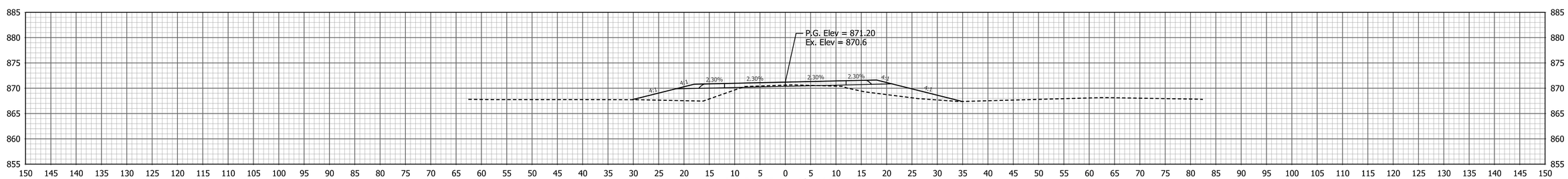
Ac = 14.7 SFT
Vc = 21 CYS
Af = 24.6 SFT
Vf = 70 CYS

31+00



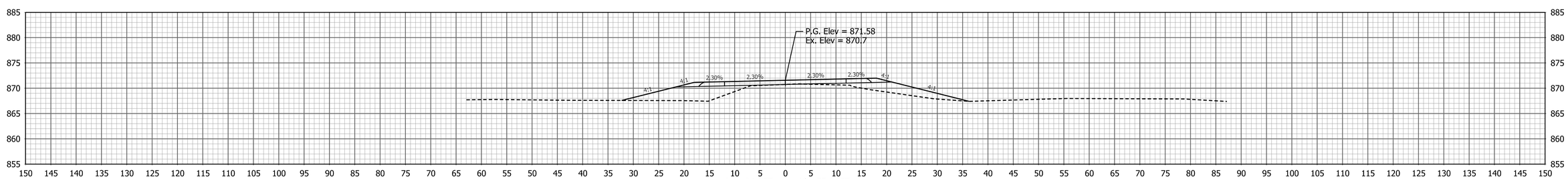
Ac = 7.6 SFT
Vc = 9 CYS
Af = 50.6 SFT
Vf = 107 CYS

30+50



Ac = 2.6 SFT
Vc = 2 CYS
Af = 64.6 SFT
Vf = 131 CYS

30+00



Ac = 0.1 SFT
Vc = 0 CYS
Af = 77.4 SFT
Vf = 176 CYS

29+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-007
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:45 PM

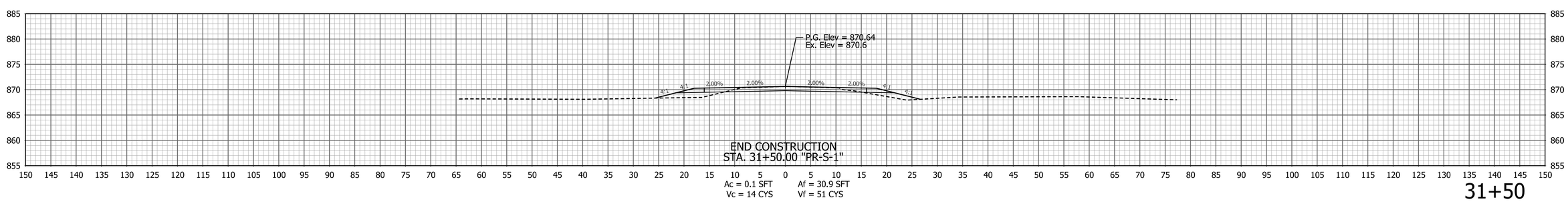
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: BTK DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	94 of 103
CONTRACT	PROJECT
R-41988	1802938



31+50

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht Xsec_10_02.dgn
MODEL NAME: XS-008
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:46 PM

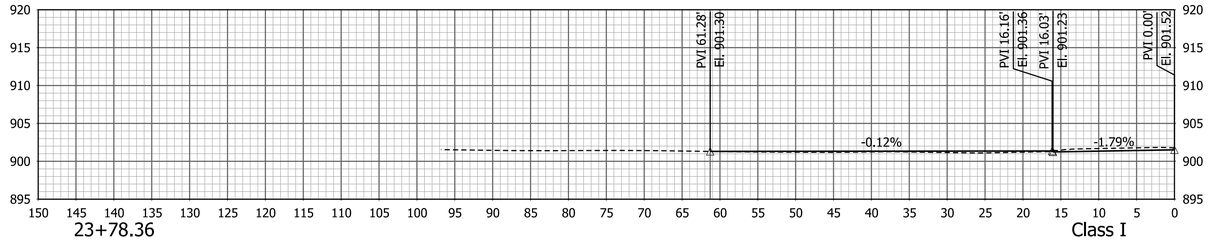
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

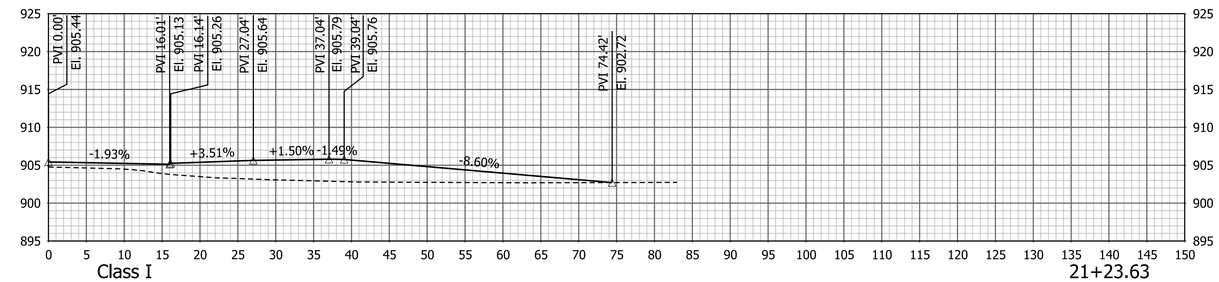
DESIGNED: BTK | DRAWN: TPH
CHECKED: SJS | CHECKED: SJS

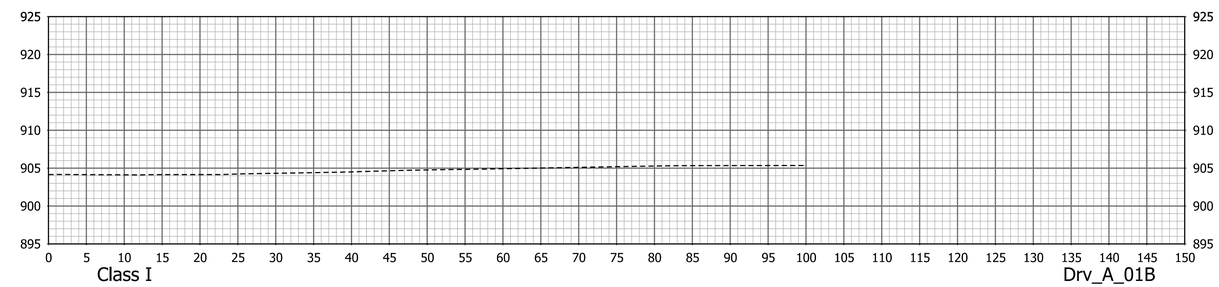
INDIANA
DEPARTMENT OF TRANSPORTATION

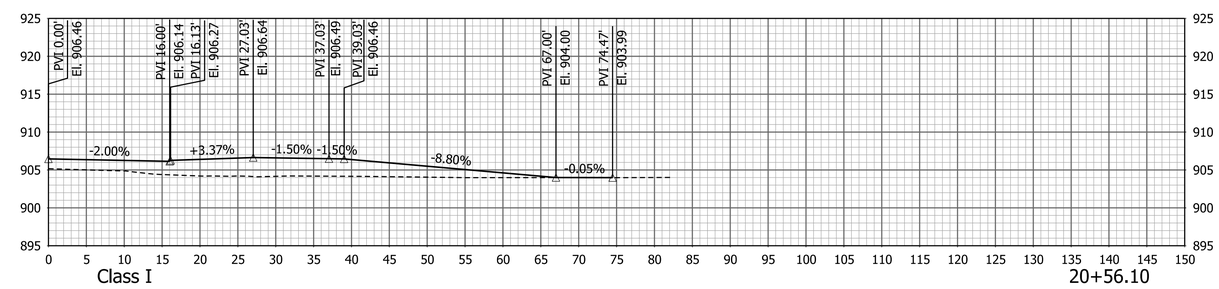
CROSS SECTIONS
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	95 of 103
CONTRACT	PROJECT
R-41988	1802938









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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:30:51 PM

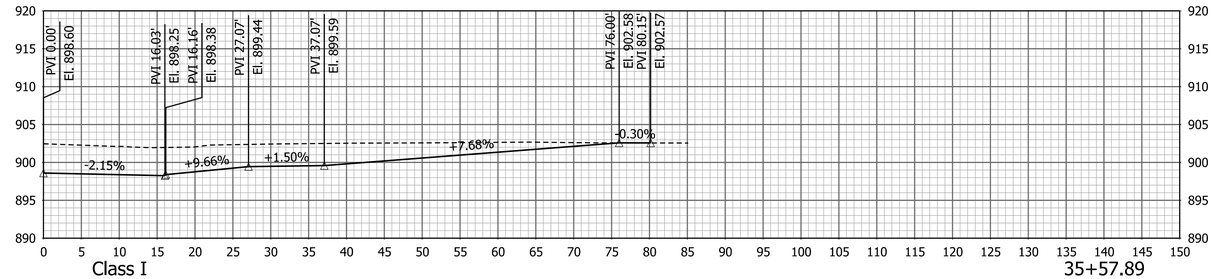
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

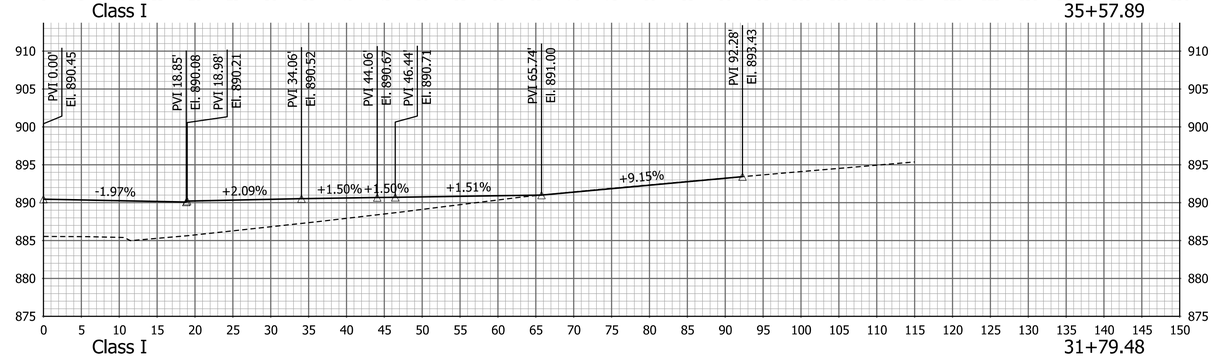
DESIGNED: NGD | DRAWN: TPH
CHECKED: SJS | CHECKED: SJS

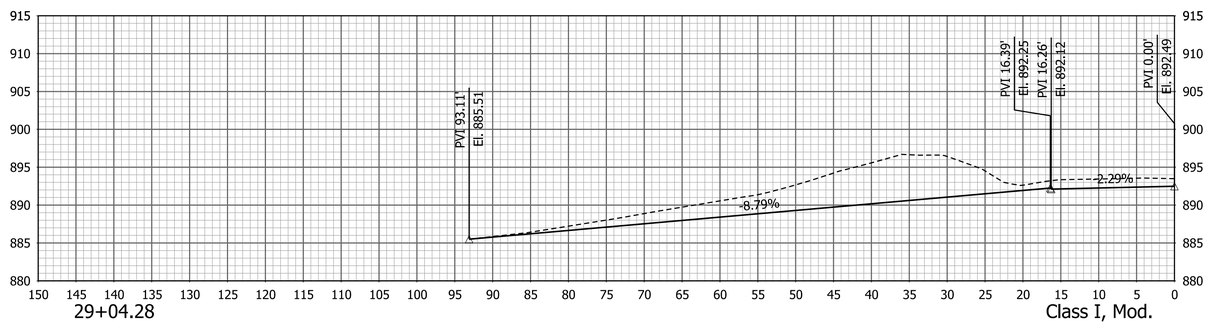
INDIANA
DEPARTMENT OF TRANSPORTATION

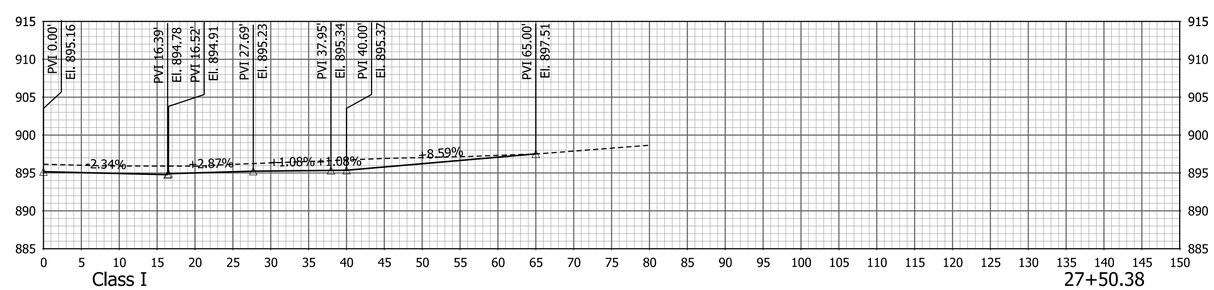
DRIVE PROFILES
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	96 of 103
CONTRACT	PROJECT
R-41988	1802938









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TIME PLOTTED: 3:31:08 PM

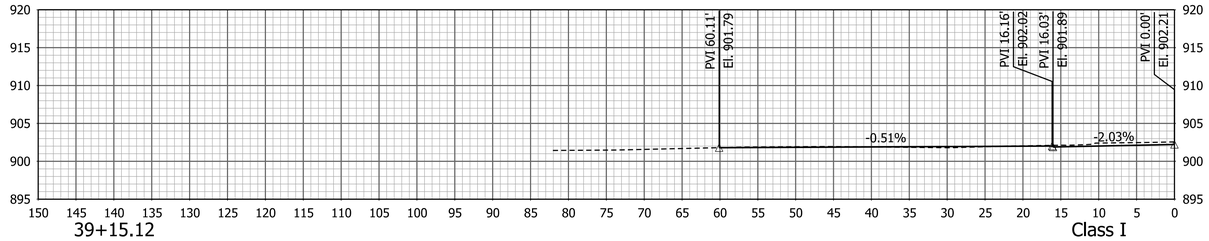
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

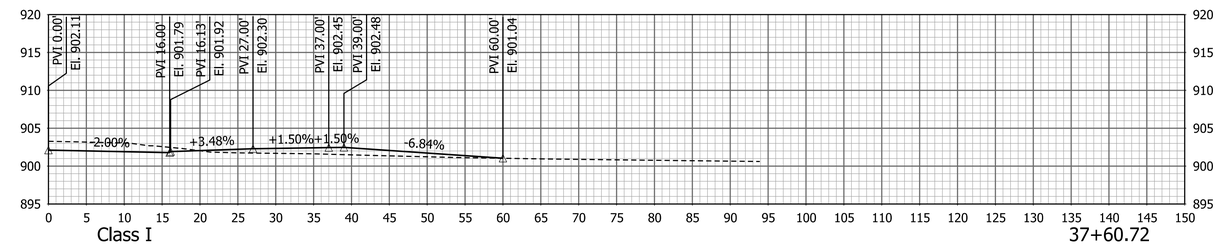
DESIGNED: NGD DRAWN: TPH
CHECKED: SJS CHECKED: SJS

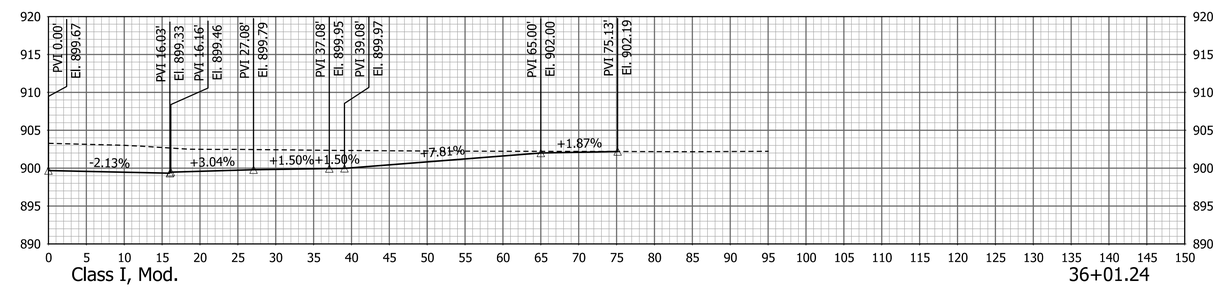
INDIANA
DEPARTMENT OF TRANSPORTATION

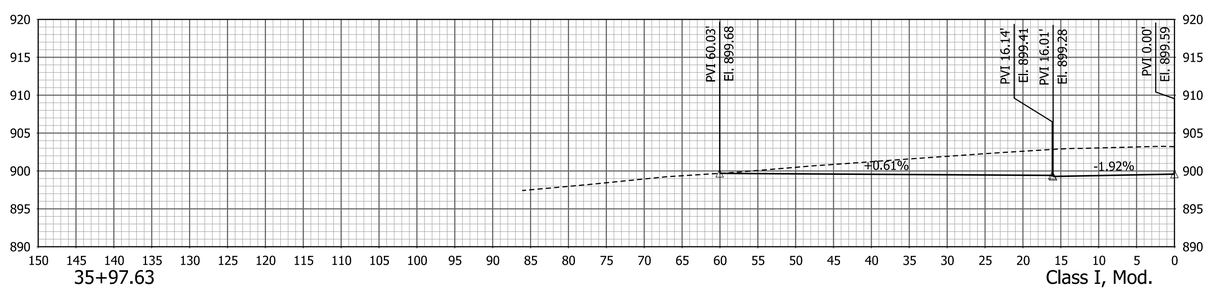
DRIVE PROFILES
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	97 of 103
CONTRACT	PROJECT
R-41988	1802938









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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:31:10 PM

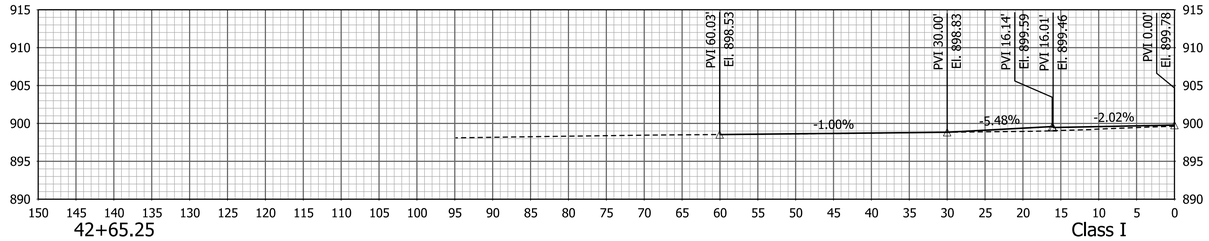
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

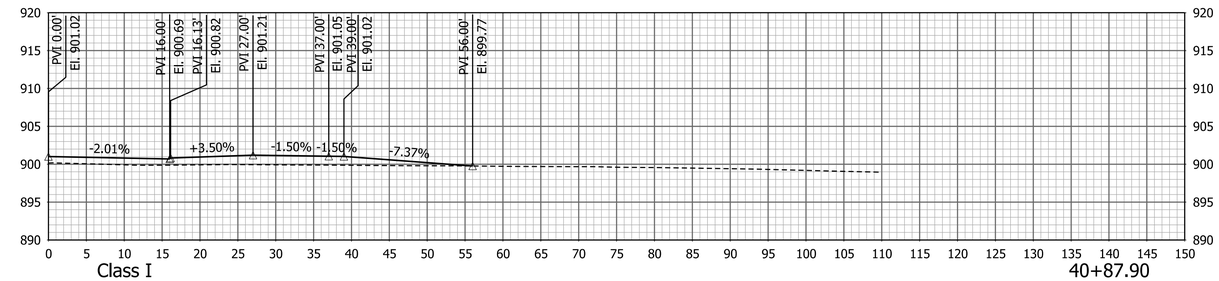
DESIGNED: NGD DRAWN: TPH
CHECKED: SJS CHECKED: SJS

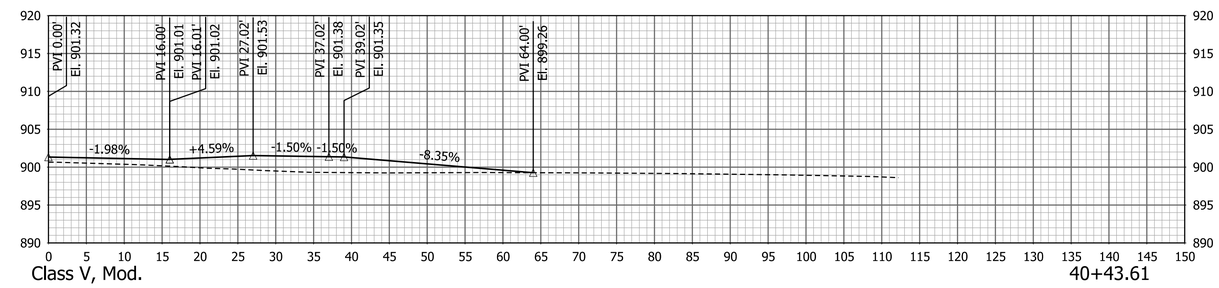
INDIANA
DEPARTMENT OF TRANSPORTATION

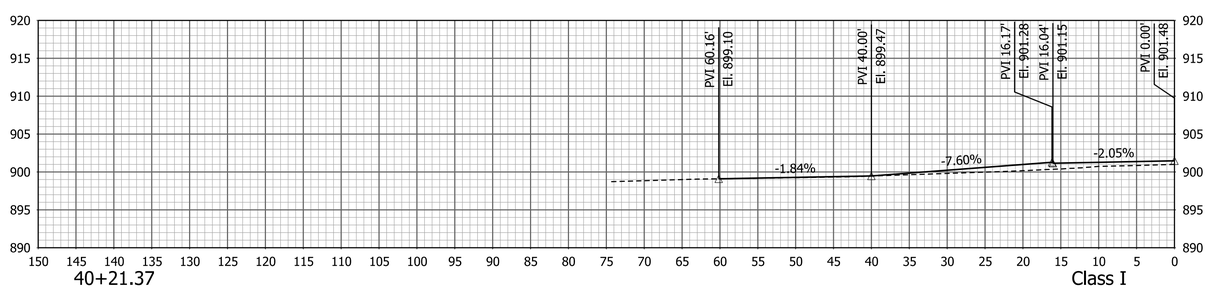
DRIVE PROFILES
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	98 of 103
CONTRACT	PROJECT
R-41988	1802938









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TIME PLOTTED: 3:31:11 PM

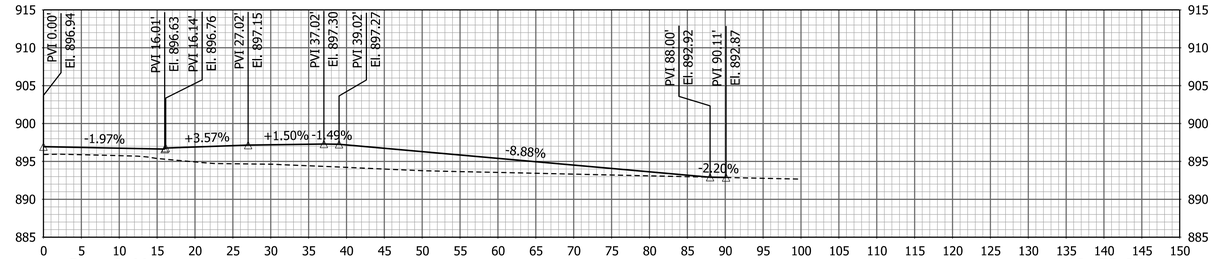
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: NGD | DRAWN: TPH
CHECKED: SJS | CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

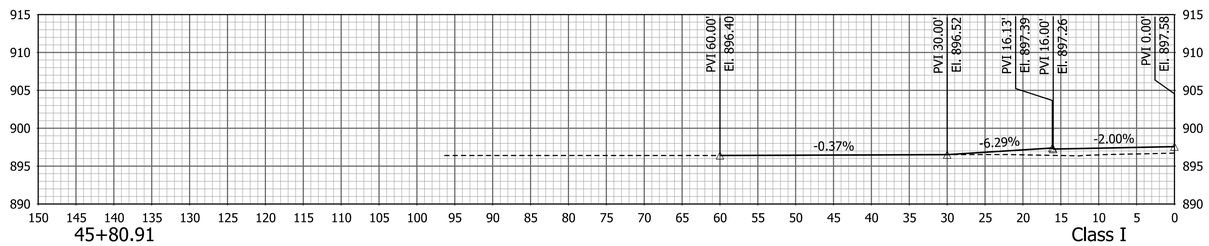
DRIVE PROFILES
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	99 of 103
CONTRACT	PROJECT
R-41988	1802938



Class I, Mod.

46+72.06



45+80.91

Class I

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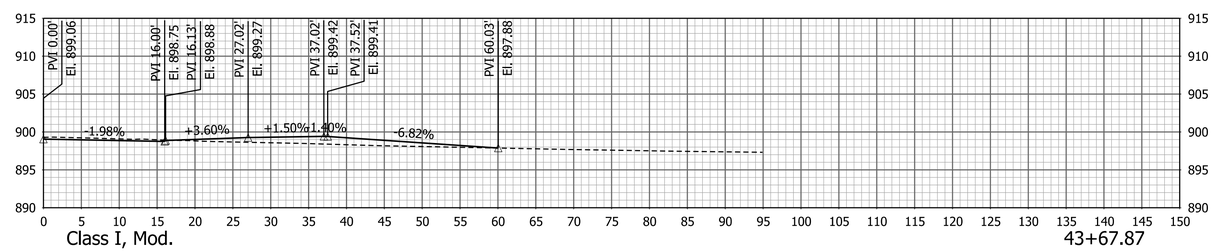

Class I, Mod.

43+67.87

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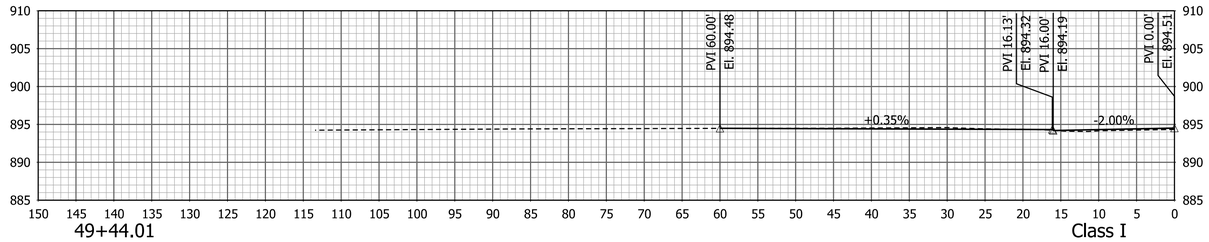
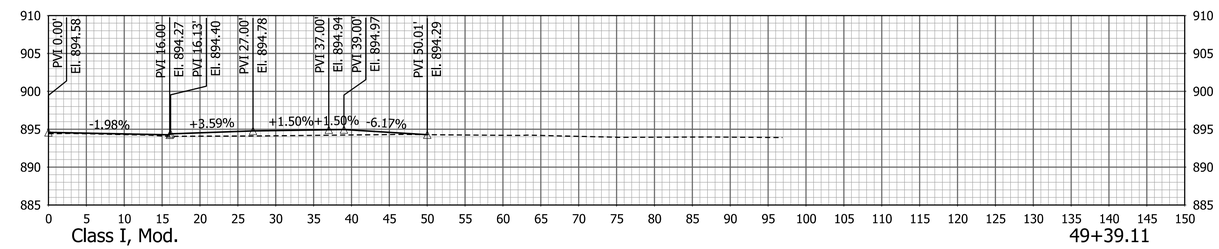
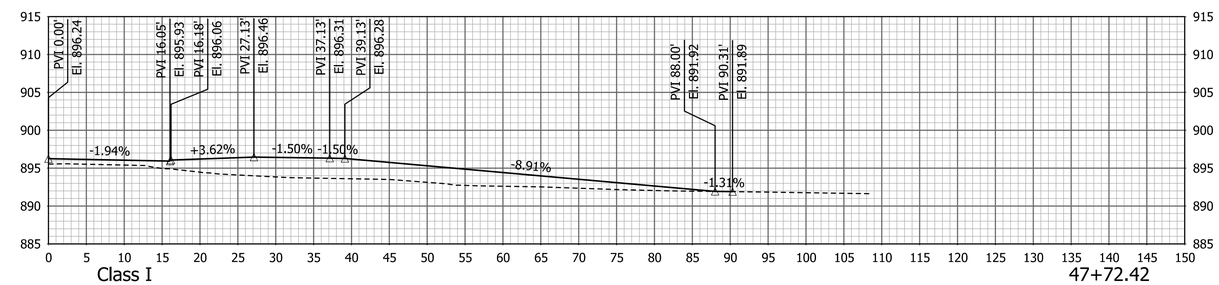
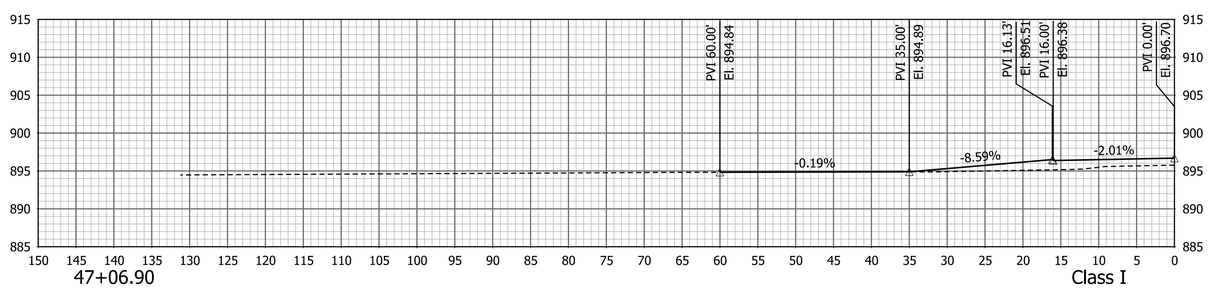
MODEL NAME: DrvProf05
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:31:12 PM

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
		VERTICAL SCALE 1" = 10'	DESIGNATION 1802938
DESIGNED: NGD / DRAWN: TPH	DRIVE PROFILES LINE "PR-A"	SURVEY BOOK	SHEETS 100 of 103
CHECKED: SJS / CHECKED: SJS		CONTRACT R-41988	PROJECT 1802938









RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
		VERTICAL SCALE 1" = 10'	DESIGNATION 1802938
DESIGNED: NGD / DRAWN: TPH	DRIVE PROFILES LINE "PR-A"	SURVEY BOOK	SHEETS 101 of 103
CHECKED: SJS / CHECKED: SJS		CONTRACT R-41988	PROJECT 1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht DrvProf_06.dgn
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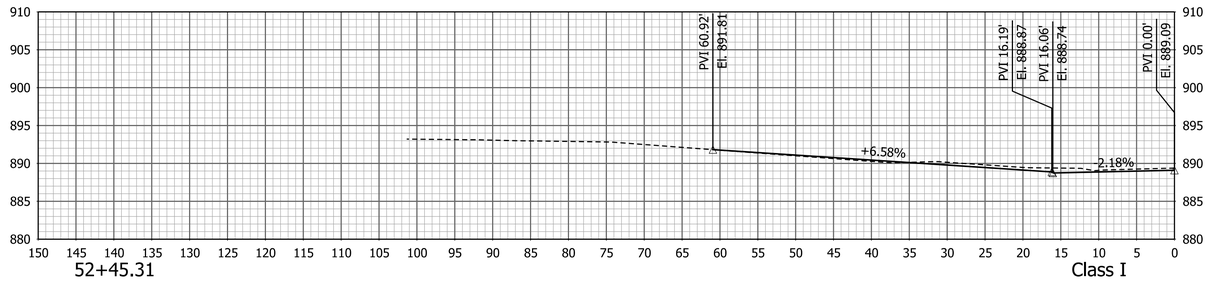
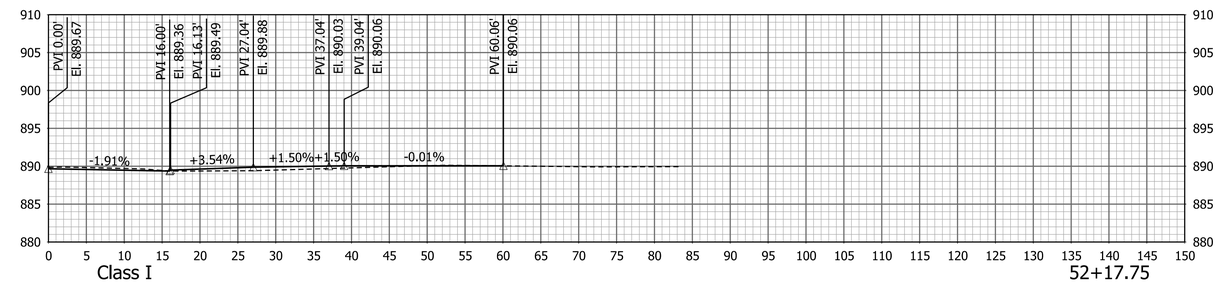
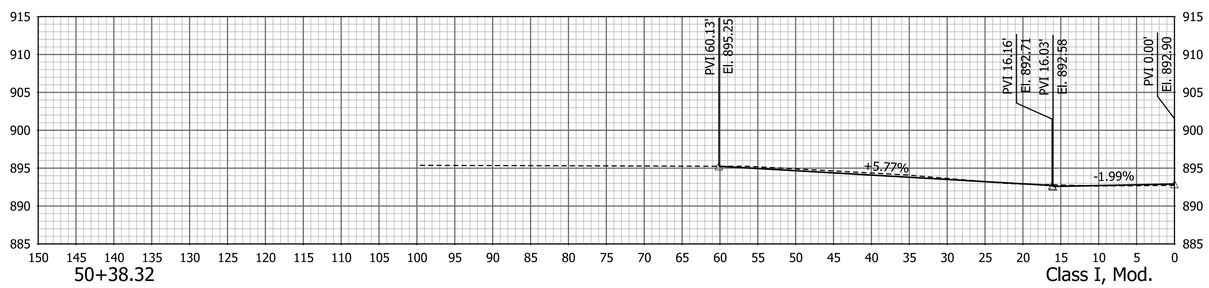
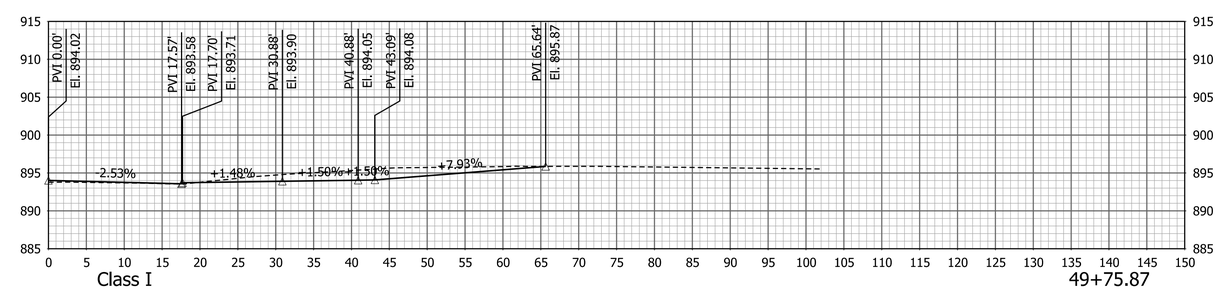
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:31:13 PM









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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:31:14 PM

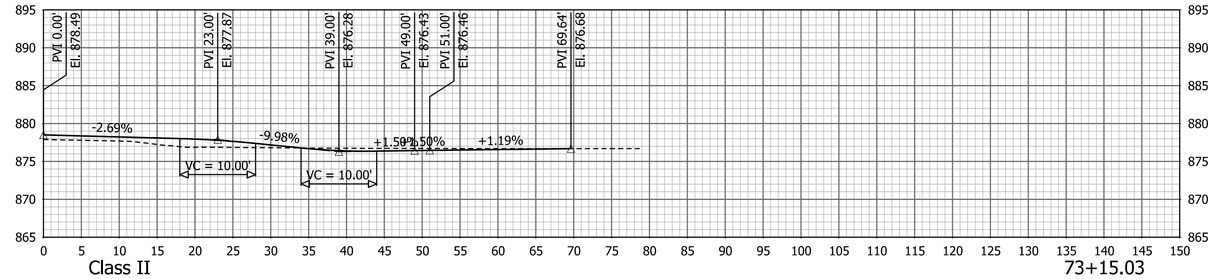
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

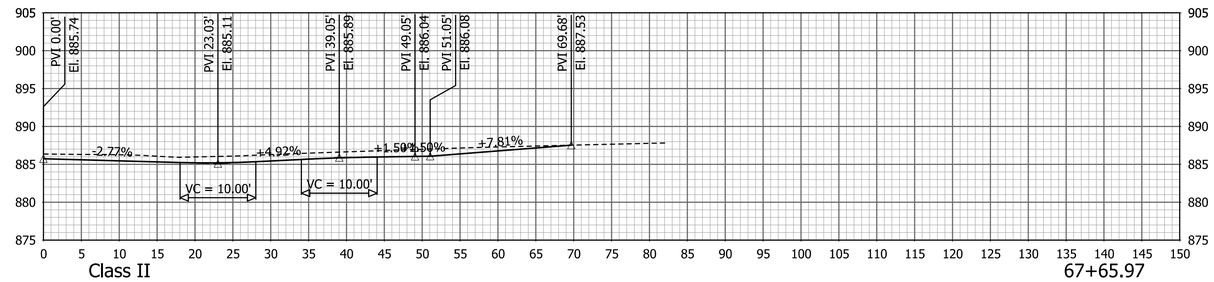
DESIGNED: NGD DRAWN: TPH
CHECKED: SJS CHECKED: SJS

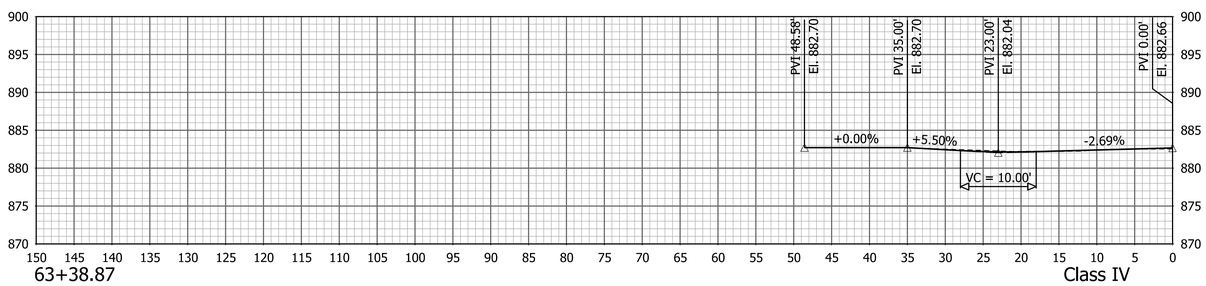
INDIANA
DEPARTMENT OF TRANSPORTATION

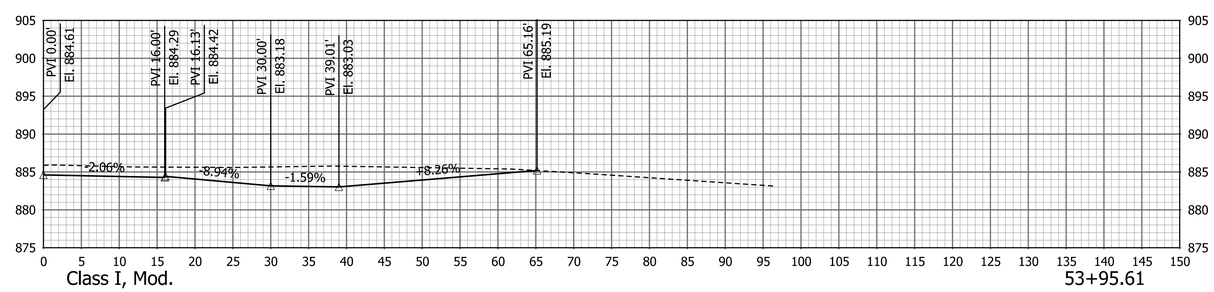
DRIVE PROFILES
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	102 of 103
CONTRACT	PROJECT
R-41988	1802938









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DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:31:16 PM

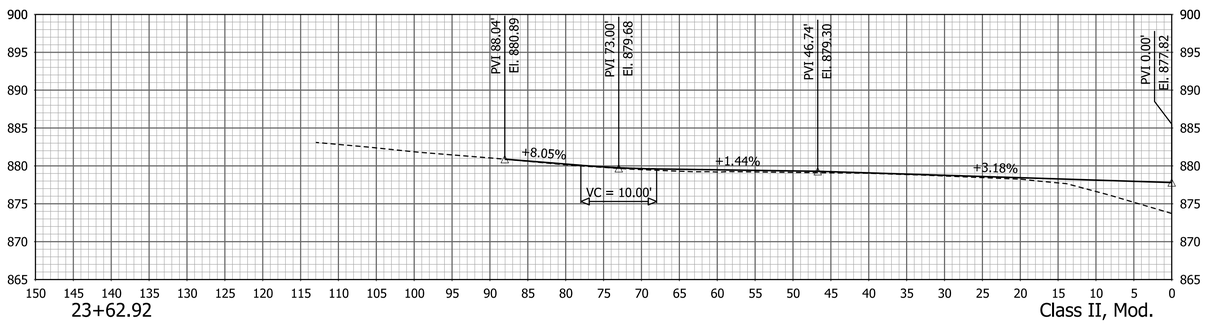
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

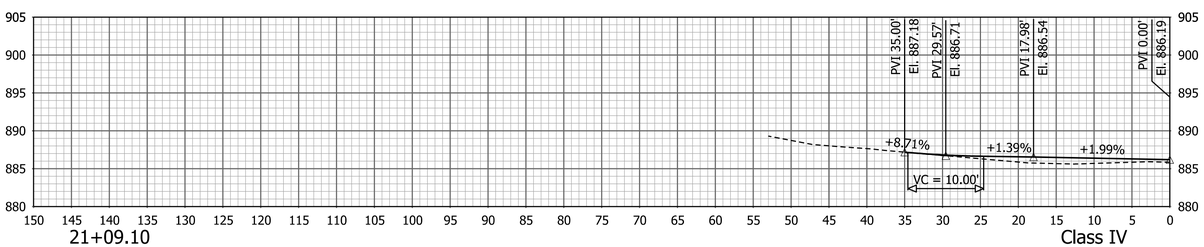
DESIGNED: NGD DRAWN: TPH
CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

DRIVE PROFILES
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	103 of 104
CONTRACT	PROJECT
R-41988	1802938





RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: NGD DRAWN: TPH

CHECKED: SJS CHECKED: SJS

INDIANA
DEPARTMENT OF TRANSPORTATION

DRIVE PROFILES
LINE "PR-S-1"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802938
SURVEY BOOK	SHEETS
	104 of 104
CONTRACT	PROJECT
R-41988	1802938

PATH AND FILENAME: V:\Projects\ANY\K5\057466.000\CADD_MSTN\Highway\Sheet Drawings\Sht DrvProf_09.dgn
MODEL NAME: DrvProf08
DATE PLOTTED: 10/7/2022
TIME PLOTTED: 3:31:17 PM