PROJECT	DESIGNATION
1900842, 1801932	1900842, 1801932
CONTRACT	BRIDGE FILE
B-41843	VIGO 342

STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
VIGO 342	COMPOSITE PRESTRESSED CONCRETE BULB-TEE BRIDGE	1SPAN @ 115'-0" SKEW 10° LEFT	CSX RAILROAD	℄ STRUCTURE STA. 51+29.80 LINE "PR-1"

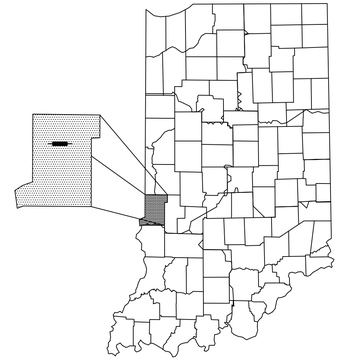
INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS
13th St. & 8th Ave. Over CSX

PROJECT NO. 1900842 & 1801932 P.E.
PROJECT NO. 1900842 & 1801932 R/W
PROJECT NO. 1900842 & 1801932 CONST.

NEW BRIDGE AND ROAD RECONSTRUCTION BUILT ON 8TH AVENUE AND 13TH STREET OVER CSX RAILROAD. PROJECT IS LOCATED WITHIN THE CITY LIMITS OF TERRE HAUTE, INDIANA IN THE NORTHEAST SECTION OF THE CITY. PROJECT IS LOCATED IN SECTION 15, TOWNSHIP 12 NORTH, RANGE 9 WEST TERRE HAUTE, VIGO COUNTY, INDIANA

TRAFFIC DATA		8TH AVENUE	13TH STREET
A.A.D.T.	(2019)	9632 V.P.D.	14211 V.P.D.
A.A.D.T.	(2039)	15766 V.P.D.	21378 V.P.D.
D.H.V.	(2039)	1447 V.P.H.	2003 V.P.H.
DIRECTIONAL DISTRIBUTION		50 %	50 %
TRUCKS		1.9 % A.A.D.T.	2.4 % A.A.D.T.
		1.9 % D.H.V.	2.4 % D.H.V.
DESIGN DATA			
DESIGN SPEED		30 MPH	30 MPH
PROJECT DESIGN CRITERIA		NEW CONSTR. (NON - FREEWAY)	NEW CONSTR. (NON - FREEWAY)
FUNCTIONAL CLASSIFICATION		MAJOR COLLECTOR	MINOR COLLECTOR
RURAL/URBAN		URBAN BUILT UP	URBAN BUILT UP
TERRAIN		LEVEL	LEVEL
ACCESS CONTROL		NONE	NONE



PROJECT LOCATION SHOWN BY
VIGO COUNTY

LATITUDE: 39°29'05" N. LONGITUDE: 87°23'52" W.

COUNTY BOARD

NAME TITLE

NAME TITLE

NAME TITLE

NAME TITLE

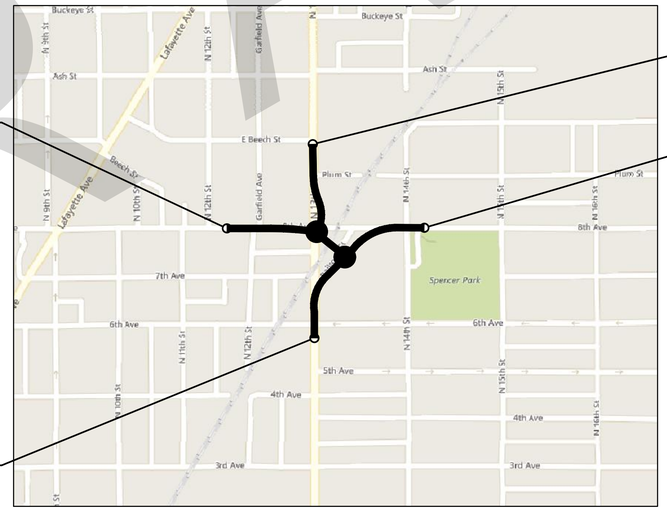
NAME TITLE

BEGIN PROJECT
P.O.T. Sta. 15+20.00 "PR-A-1"

BEGIN CONSTRUCTION
P.O.T. Sta. 55+65.00 "PR-B-1"

END CONSTRUCTION
P.O.T. Sta. 69+20.00 "PR-B-2"

END PROJECT
P.O.T. Sta. 29+00.00 "PR-A-2"



SCALE: 1" = 500'

VICINITY MAP
VIGO COUNTY

BRIDGE LENGTH:	0.022 MI.
ROADWAY LENGTH:	0.496 MI.
TOTAL LENGTH:	0.518 MI.
MAX. GRADE:	7.70 %

MILE MARKER BRIDGE LOCATION
BRIDGE IS LOCATED APPROXIMATELY 3700 FEET SOUTHWEST OF MILE MARKER POST 176

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES.

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2020 TO BE USED WITH THESE PLANS.

PLANS PREPARED BY: Butler Fairman and Seufert Inc. (317)713-4615
PHONE

CERTIFIED BY: DATE

APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

BRIDGE FILE	
VIGO 342	
DESIGNATION	
1900842, 1801932	
SURVEY BOOK	SHEET
	1 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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UTILITIES

Electric: Duke Energy
100 S. Mill Creek Dr.
Noblesville, IN 46062
Attn: Cindy Rowland
Ph: 317-776-5341
Email: cindy.rowland@duke-energy.com

Gas: Center Point Energy (Vectren)
2345 E. Main St.
Danville, IN 46122
Attn: Benjamin Vasquez
Ph: 317-718-3657
Email: benjamim.vasquez@CenterPointEnergy.com

Water: Indiana-American Water Co.
153 N. Emerson Ave.
Greenwood, IN 46143
Attn: Jacquelyne Byland
Ph: 317-807-2462
Email: jacquelyne.bylnad@amwater.com

Storm/Sewer: City of Terre Haute
17 Harding Ave., Room 200
Terre Haute, IN 47807
Attn: Marcus Maurer
Ph: 812-244-4933
Email: marcus.maurer@terrehaute.in.gov

Comm.: Frontier Communications
Attn: Alexandra Grabill
Ph: 812-462-9255
Email: aleandra.grabill@ftr.com

Joink
Attn: Tim McCombs
Ph: 812-234-5100
Email: timothy.mccombs@joinkllc.com

MCI - Verizon
Attn: Joe Chaney
Ph: 708-458-6410
Email: joe.chaney@verizon.com

Charter Comm/Spectrum
3030 Roosevelt Ave.
Indianapolis, IN 46218
Attn: Rionald Hinrichs
Ph: 317-632-9077
Email: ronald.hinrichs@charter.com

REVISIONS

SHEET NO.	DATE	REVISED

GENERAL NOTES

	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified.
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. 00+00 and Sta. 00+00 shall be removed as directed.
	The quantity of Peat "Excavation" as shown on the plans has been estimated on the basis of theoretical cross-sections by using treatment of existing fills, treatment by removal, or treatment by displacement where each treatment applies.
	Contractor shall verify the existing flowline elevation to set appropriate sump depth.

Note: See Sheet 27 for Additional Bridge General Notes.

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SHEET NO.	DESIGNATION
1	Title Sheet
2	Index
3-5	Typical Cross Sections
6-7	Plat No. 1
8	Detour Route
9	Survey Reference Points
10-16	Plan & Profiles
17-22	Sanitary Sewer Plans
23-24	Soil Borings
25	Layout
26-27	General Plan
28-29	Roundabout Construction Details
30-31	Roundabout Spot Elevations
32-33	Curb Ramp Details
34	Approach Table
35-36	Structure Data Tables
37-71	Cross Sections

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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

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HORIZONTAL SCALE	BRIDGE FILE
NONE	VIGO 342
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEET
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CONTRACT	PROJECT
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BFS NO. 6369

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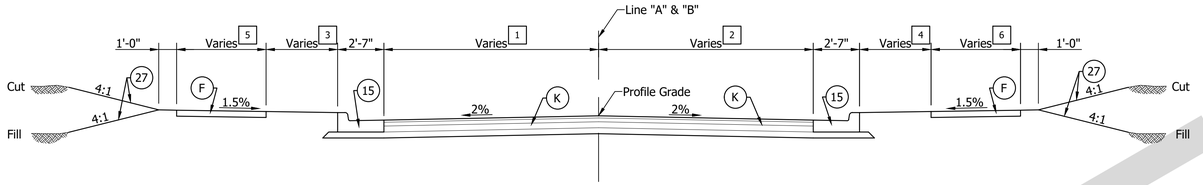


5 Varies 4'-0" to 5'-0" from 15+20 to 15+70 "A"
Varies 5'-0" to 4'-9" from 28+00 to 29+00 "A"
Varies 4'-9" to 5'-0" from 55+65 to 55+90 "B"
5'-0" from 55+90 to 56+65 "B"
5'-0" from 68+20 to 68+70 "B"
Varies 5'-0" to 5'-10" from 68+70 to 69+20 "B"

1 Varies 12'-7" to 12'-0" from 15+20 to 15+70 "A"
Varies 12'-0" to 14'-6" from 28+00 to 29+00 "A"
Varies 17'-9" to 12'-0" from 55+65 to 56+65 "B"
Varies 12'-0" to 18'-1" from 68+20 to 69+20 "B"

3 Varies 5'-9" to 0'-0" from 15+20 to 15+70 "A"
Varies 0'-0" to 7'-10" from 28+00 to 29+00 "A"
Varies 8'-2" to 0'-0" from 55+65 to 55+90 "B"
0'-0" from 55+90 to 56+65 "B"
0'-0" from 68+20 to 68+70 "B"
Varies 0'-0" to 5'-11" from 68+70 to 69+20 "B"

TYPICAL SECTION - 8th Ave. & 13th St.

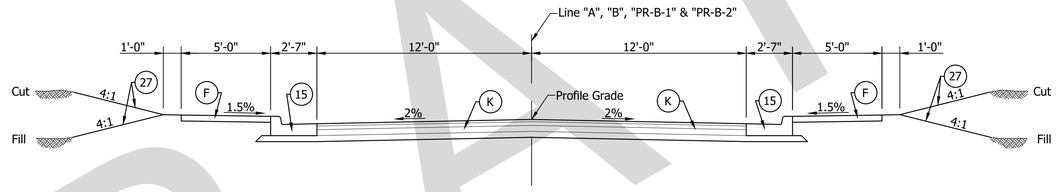
Scale: 1/4" = 1'-0"

Sta. 15+20.00 "A" to Sta. 15+70.00 "A"
Sta. 28+00.00 "A" to Sta. 29+00.00 "A"
Sta. 55+65.00 "B" to Sta. 56+65.00 "B"
Sta. 68+20.00 "B" to Sta. 69+20.00 "B"

2 Varies 12'-7" to 12'-0" from 15+20 to 15+70 "A"
Varies 12'-0" to 14'-11" from 28+00 to 29+00 "A"
Varies 17'-10" to 12'-0" from 55+65 to 56+65 "B"
Varies 12'-0" to 17'-10" from 68+20 to 69+20 "B"

4 Varies 4'-8" to 0'-0" from 15+20 to 15+70 "A"
Varies 0'-0" to 7'-1" from 28+00 to 29+00 "A"
Varies 4'-7" to 0'-0" from 55+65 to 55+90 "B"
0'-0" from 55+90 to 56+65 "B"
0'-0" from 68+20 to 68+70 "B"
Varies 0'-0" to 3'-7" from 68+70 to 69+20 "B"

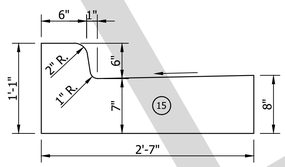
6 Varies 4'-10" to 5'-0" from 15+20 to 15+70 "A"
Varies 5'-0" to 4'-9" from 28+00 to 29+00 "A"
Varies 5'-6" to 5'-0" from 55+65 to 55+90 "B"
5'-0" from 55+90 to 56+65 "B"
5'-0" from 68+20 to 68+70 "B"
Varies 5'-0" to 4'-11" from 68+70 to 69+20 "B"



TYPICAL SECTION - 8th Ave. & 13th St.

Scale: 1/4" = 1'-0"

Sta. 15+70.00 "A" to Sta. 16+50.00 "A"
Sta. 27+25.00 "A" to Sta. 28+00.00 "A"
Sta. 56+65.00 "B" to Sta. 57+60.00 "PR-B-1"
Sta. 66+71.77 "PR-B-2" to Sta. 68+20.00 "B"



2'-7" COMBINED CONCRETE CURB & GUTTER, TYPE II DETAIL

Not to Scale

LEGEND

F Concrete Sidewalk, 4"

K HMA Pavement:
165#/Sys., QC/QA HMA Surf., 9.5mm on
275#/Sys., QC/QA HMA Inter., 19.0mm on
440#/Sys., QC/QA HMA Base, 25.0mm on
4" Comp. Agg., No. 53, Base on
Subgrade Treatment, Type

15 2'-7" Combined Concrete Curb & Gutter

27 Seed Mixture, Type 'U'

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

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DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932
SURVEY BOOK	SHEET
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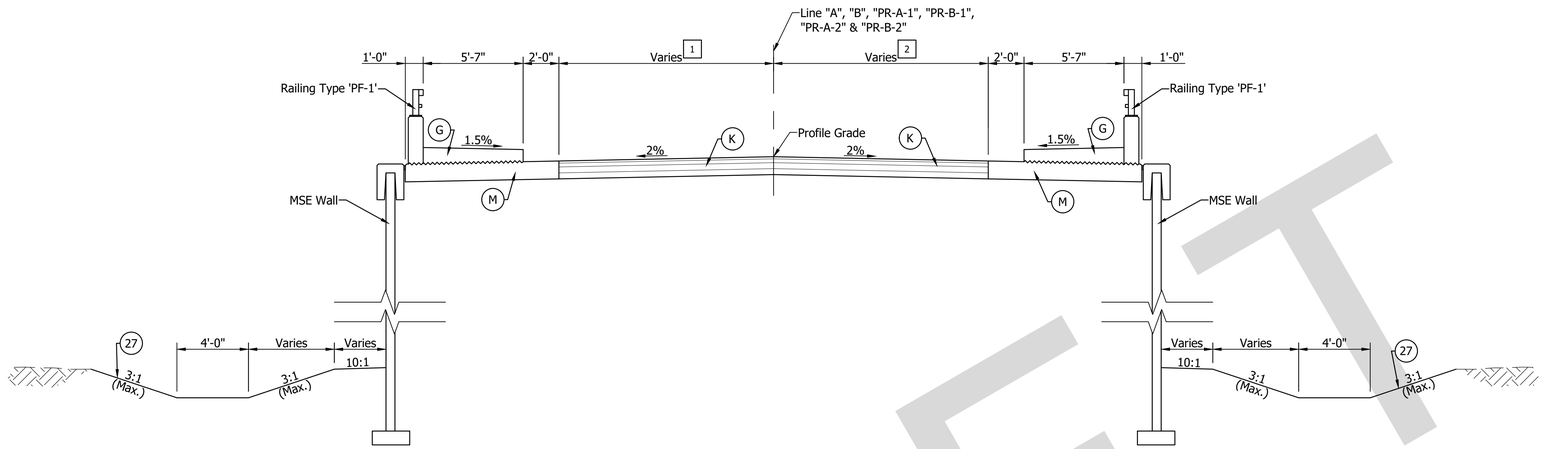


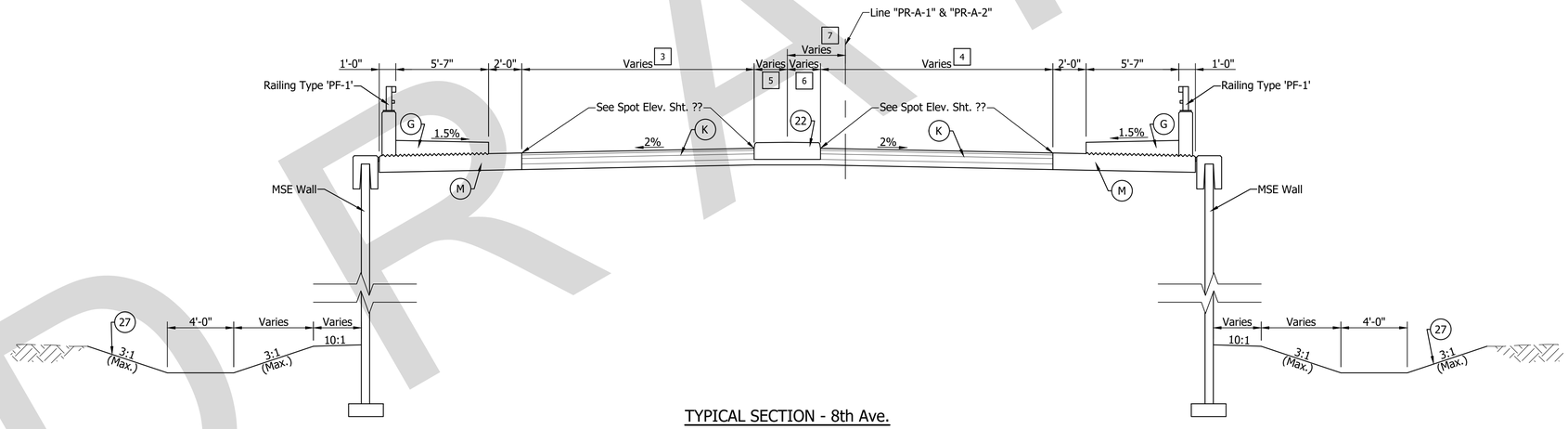
TYPICAL SECTION - 8th Ave. & 13th St.

Scale: 1/4" = 1'-0"

Sta. 16+50.00 "A" to Sta. 19+99.73 "PR-A-1"
Sta. 24+86.28 "PR-A-2" to Sta. 27+25.00 "A"
Sta. 57+60.00 "PR-B-1" to Sta. 60+36.98 "PR-B-1"
Sta. 64+46.70 "PR-B-2" to Sta. 66+71.77 "PR-B-2"

1 12'-0" from 16+50.00 "A" to 19+24.73 "PR-A-1"
Varies 12'-0" to 16'-0" from 19+24.73 to 19+99.73 "PR-A-1"
Varies 16'-0" to 12'-0" from 24+86.28 to 25+61.28 "PR-A-2"
12'-0" from 25+61.28 to 27+25.00 "A"
12'-0" from 57+60.00 to 59+61.98 "PR-B-1"
Varies 12'-0" to 16'-0" from 59+61.98 to 60+36.98 "PR-B-1"
Varies 16'-0" to 12'-0" from 64+46.70 to 65+21.70 "PR-B-2"
12'-0" from 65+21.70 "PR-B-2" to 66+71.77 "PR-B-2"

2 12'-0" from 16+50.00 "A" to 19+24.73 "PR-A-1"
Varies 12'-0" to 16'-0" from 19+24.73 to 19+99.73 "PR-A-1"
Varies 16'-0" to 12'-0" from 24+86.28 to 25+61.28 "PR-A-2"
12'-0" from 25+61.28 "PR-A-2" to 27+25.00 "A"
12'-0" from 57+60.00 to 59+61.98 "PR-B-1"
Varies 12'-0" to 16'-0" from 59+61.98 to 60+36.98 "PR-B-1"
Varies 16'-0" to 12'-0" from 64+46.70 to 65+21.70 "PR-B-2"
12'-0" from 65+21.70 "PR-B-2" to 66+71.77 "PR-B-2"



TYPICAL SECTION - 8th Ave.
SPLITTER ISLANDS

Scale: 1/4" = 1'-0"

Sta. 19+99.73 "PR-A-1" to Sta. 20+91.71 "PR-A-1"
Sta. 23+34.52 "PR-A-2" to Sta. 24+86.28 "PR-A-2"

3 14'-0" from 19+99.73 to 20+04.99 "PR-A-1"
Varies 14'-0" to 17'-3" from 20+04.99 to 20+91.71 "PR-A-1"
Varies 18'-0" to 14'-0" from 23+34.52 to 23+78.16 "PR-A-2"
14'-0" from 23+78.16 to 24+86.28 "PR-A-2"

5 2'-0" from 19+99.73 to 20+55.22 "PR-A-1"
Varies 2'-0" to 8'-3" from 20+55.22 to 20+91.71 "PR-A-1"
Varies 7'-8" to 2'-0" from 23+34.52 to 23+71.74 "PR-A-2"
2'-0" from 23+71.74 to 24+86.28 "PR-A-2"

4 14'-0" from 19+99.73 to 20+47.07 "PR-A-1"
Varies 14'-0" to 18'-0" from 20+47.07 to 20+91.71 "PR-A-1"
Varies 18'-2" to 14'-0" from 23+34.52 to 24+86.28 "PR-A-2"

6 2'-0" from 19+99.73 to 20+55.22 "PR-A-1"
Varies 2'-0" to 9'-3" from 20+55.22 to 20+91.71 "PR-A-1"
Varies 6'-2" to 2'-0" from 23+34.52 to 23+71.74 "PR-A-2"
2'-0" from 23+71.74 to 24+86.28 "PR-A-2"

7 0'-0" from 19+99.73 to 20+13.63 "PR-A-1"
Varies 0'-0" to 9'-4" Rt. from 20+13.63 to 20+91.71 "PR-A-1"
Varies 6'-4" Lt. to 7'-0" Lt. from 23+34.52 to 23+71.74 "PR-A-2"
Varies 7'-0" Lt. to 0'-0" from 23+71.74 to 24+86.28 "PR-A-2"

LEGEND

(G) Concrete 'C', Superstructure
(K) HMA Pavement:
165#/Sys., QC/QA HMA Surf., 9.5mm on
275#/Sys., QC/QA HMA Inter., 19.0mm on
440#/Sys., QC/QA HMA Base, 25.0mm on
4" Comp. Agg., No. 53, Base on
Subgrade Treatment, Type
(M) 12" Concrete Moment Slab
(22) Concrete Center Curb, Type 'D'
(27) Seed Mixture, Type 'U'

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: ACE CHECKED: TDW

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DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	VIGO 342
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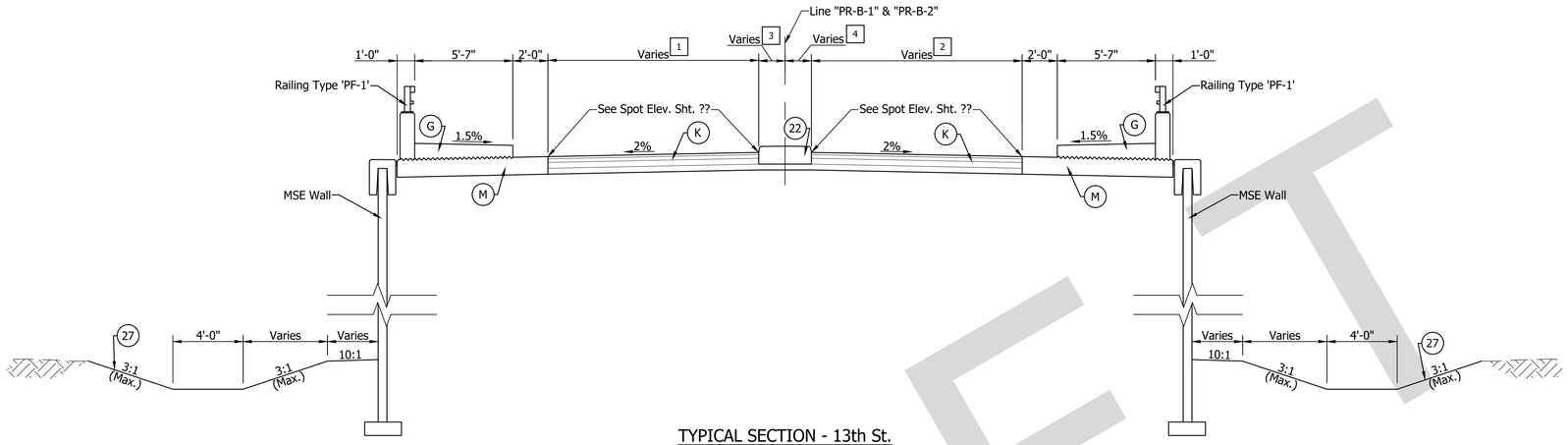


TYPICAL SECTION - 13th St. SPLITTER ISLANDS

Scale: 1/4" = 1'-0"

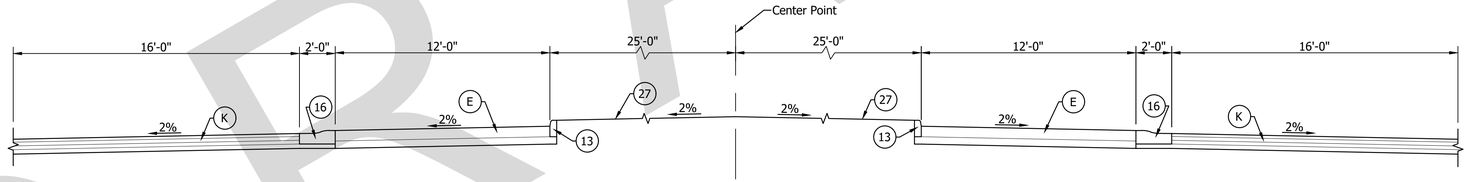
Sta. 60+36.98 "PR-B-1" to Sta. 61+49.27 "PR-B-1"
Sta. 63+44.78 "PR-B-2" to Sta. 64+46.70 "PR-B-2"

1 14'-0" from 60+36.98 to 60+69.39 "PR-B-1"
Varies 14'-0" to 17'-0" from 60+69.39 to 61+49.27 "PR-B-1"
Varies 18'-6" to 14'-0" from 63+44.78 to 64+01.06 "PR-B-2"
14'-0" from 64+01.06 to 64+46.70 "PR-B-2"

2 14'-0" from 60+36.98 to 61+12.85 "PR-B-1"
Varies 14'-0" to 17'-9" from 61+12.85 to 61+49.27 "PR-B-1"
Varies 15'-8" to 14'-0" from 63+44.78 to 63+82.54 "PR-B-2"
14'-0" from 63+82.54 to 64+46.70 "PR-B-2"

3 2'-0" from 60+36.98 to 60+80.97 "PR-B-1"
Varies 2'-0" to 12'-2" from 60+80.97 to 61+49.27 "PR-B-1"
Varies 14'-1" to 2'-0" from 63+44.78 to 63+86.26 "PR-B-2"
2'-0" from 63+86.26 to 64+46.70 "PR-B-2"

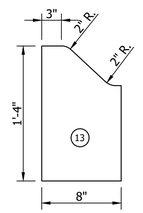
4 2'-0" from 60+36.98 to 61+24.39 "PR-B-1"
Varies 2'-0" to 7'-3" from 61+24.39 to 61+49.27 "PR-B-1"
Varies 3'-9" to 2'-0" from 63+44.78 to 63+72.64 "PR-B-2"
2'-0" from 63+72.64 to 64+46.70 "PR-B-2"



TYPICAL SECTION - ROUNDABOUT

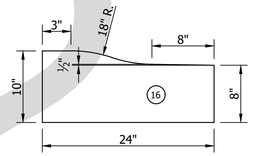
Scale: 1/4" = 1'-0"

Radial Around Sta. 21+47.63 "PR-A-1", 10.00' Lt.
Radial Around Sta. 22+66.40 "PR-A-2", 0.00'



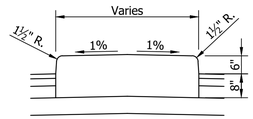
INTEGRAL CONCRETE CURB DETAIL

Not to Scale



COMBINED CONCRETE ROLLED CURB & GUTTER

Not to Scale



CONCRETE CENTER CURB, TYPE 'D'

Not to Scale

LEGEND

- (E) Concrete Truck Apron: 7" PCCP w/ D-1 Joints Spa. on 5" Comp. Agg., No. 53 on Subgrade Treatment, Type
- (G) Concrete 'C', Superstructure
- (K) HMA Pavement: 165#/Sys., QC/QA HMA Surf., 9.5mm on 275#/Sys., QC/QA HMA Inter., 19.0mm on 440#/Sys., QC/QA HMA Base, 25.0mm on 4" Comp. Agg., No. 53, Base on Subgrade Treatment, Type
- (M) 12" Concrete Moment Slab
- (13) Integral Concrete Curb
- (16) Comb. Conc. Rolled Curb & Gutter
- (22) Concrete Center Curb, Type 'D'
- (27) Seed Mixture, Type 'U'

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932
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CONTRACT	PROJECT
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10+00 15+00 20+00 25+00 30+00 35+00

70+00

65+00

60+00

55+00

INDEX LETTER	OWNER'S NAME
A	MICHAEL S. & LYNN E. GUGINO
B	EVANGEL CHRISTIAN CHURCH TERRE HAUTE
C	JARRTRK ENTERPRISES, LLC.
D	HAROLD L. SEIFERS
E	CK INVESTMENTS, LLC.
F	BILLIE L. POTTS SR.
G	LORA UMPHRIES
H	EARL T. & JENNIFER L. BRUNER
I	KARL & KAREN SHULTZ
J	WIPER CORPORATION
K	PAUL E. VEROSTKO, II
L	THE KHUSHROO VASANIA FAMILY TRUST
M	KEITH SNYDER

INDEX LETTER	OWNER'S NAME
N	DAVID SCHIMMEL, et al.
O	R & K ESTATE GROUP, LLC.
P	VEDA J. GREGORY
Q	DONALD J. & JEANNE T LAVANNE
R	LONNIE L. & DARLENE F COOPER
S	RAY O. & DAVID R. MARSHALL
T	JOAN L. & DENNIS E. HILL
U	CHARLIE & BARBARA J. NELLUM
V	KAYLA BRENNAN
W	DONALD E. MULVEY
X	RHONDA S. FOX
Y	SCACCO MATTO LLC.
Z	BRIAN D. & DAWN B. PRITCHER
AA	JIMMIE L. KITCHEN
AB	GREGORY TYLER
AC	WILLIAM M. GENTRY, TRUSTEE
AD	REBECCA DUNNING

INDEX LETTER	OWNER'S NAME
AE	JEREMY S. ALLISON & REBECCA L. DUNNING
AF	KEITH A. & JOHANNA R. HOLLINGSWORTH
AG	SPENCER BALL PARK
AH	MODERN ALUMINUM CASTINGS CO.
AI	JOHNNY D. & STEPHANIE J. JOHNSON
AJ	MARJORIE E. HEYMAN
AK	JOHN W. & STEVE E. MCCALISTER
AL	CAROLYN KUKLAK, TRUSTEE
AM	MERJAN, LLC.

INDEX LETTER	OWNER'S NAME
AN	SALVAGED LIVES MINISTRY, INC.
AO	ZOLL MANUFACTURING
AP	CRITTER LAND, INC.
AQ	GLIDE PROPERTIES,LLC.
AR	AMBER LUKE & ANTHONY BROWN
AS	TERRY L. ROBERTS
AT	DAVID L. & CONNIE C. LARGE
AU	ROLLAND H. & CLARICE A. FARRAND
AV	FFI VENTURES LLC.
AW	KAYLAH BRYANT
AX	ANTON FRED SMODILLA IV, et al
AY	SHIRLEY M. SHEARS
AZ	CITY OF TERRE HAUTE DEPARTMENT OF REDEVELOPMENT
BA	FRANK L. BOGER
BB	STEVE D. & ELIZABETH D. MARTIN
BC	CHARLES & REBECCA WHITE
BD	AARON TROGLIA

GRAPHIC SCALE
100 0 50 100
(IN FEET)
1 inch = 100 ft.

SEC. 15, T.12N., R.9W.
HARRISON TOWNSHIP
VIGO COUNTY

SEC. 15, T.12N., R.9W.
HARRISON TOWNSHIP
VIGO COUNTY

SEC. 15, T.12N., R.9W.
HARRISON TOWNSHIP
VIGO COUNTY

SEC. 15, T.12N., R.9W.
HARRISON TOWNSHIP
VIGO COUNTY

See Sheet 2 for detail

P.O.T. Sta. 70+00.00 "PR-B-2"

END CONSTRUCTION
P.O.T. Sta. 69+20.00 "B"

P.T. Sta. 67+00.48 "PR-B-2"

P.O.T. Sta. 14+00.00 "PR-A-1"

P.O.T. Sta. 10+00.00 "A"

BEGIN PROJECT
P.O.T. Sta. 15+20.00 "A"

P.O.T. Sta. 31+00.00 "PR-A-2"

END PROJECT
P.O.T. Sta. 29+00.00 "A"

P.C. Sta. 57+54.64 "PR-B-1"

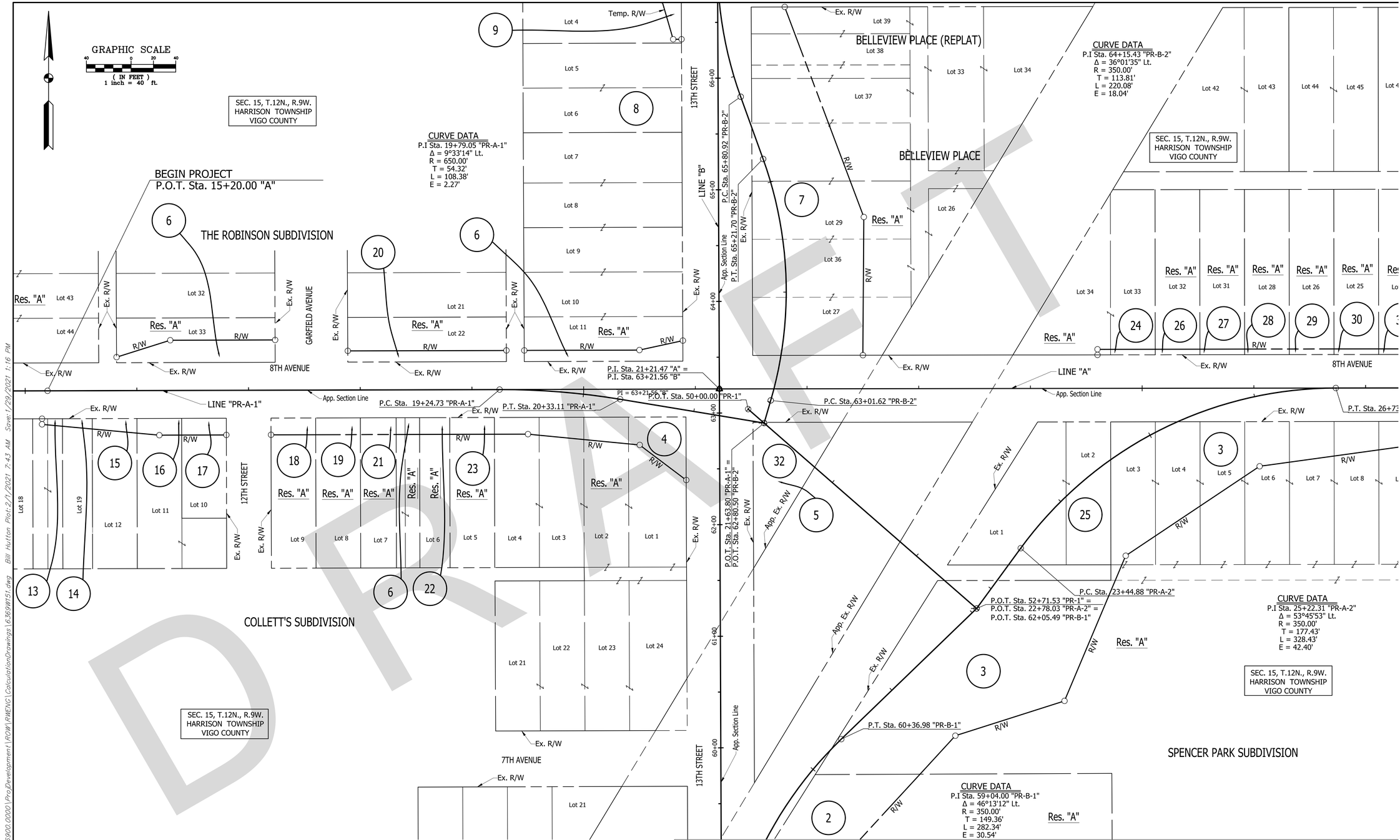
BEGIN CONSTRUCTION
P.O.T. Sta. 55+65.00 "B"

SMITH PEYTON SUBDIVISION
BELLEVIEW PLACE
BELLEVIEW PLACE (REPLAT)
BELLEVIEW PLACE
BELLEVIEW PLACE (REPLAT)
THE ROBINSON SUBDIVISION
CASE & GEUUNG'S SUBDIVISION
REESE & KERN'S SUBDIVISION
COLLETT'S SUBDIVISION
CONDIT'S SUBDIVISION
MCGAUHEY & ROACHES' SUBDIVISION
SPENCER PARK SUBDIVISION
MAP OF TUELL & USHER'S SUBDIVISION

BEECH STREET
12TH STREET
11TH STREET
8TH AVENUE
7TH AVENUE
6TH AVENUE
14TH STREET
GARFIELD AVENUE
PLUM STREET
LINE "A"
LINE "B"
App. Section Line
Ex. R/W
R/W
Temp. R/W
Res. "A"
App. Ex. R/W

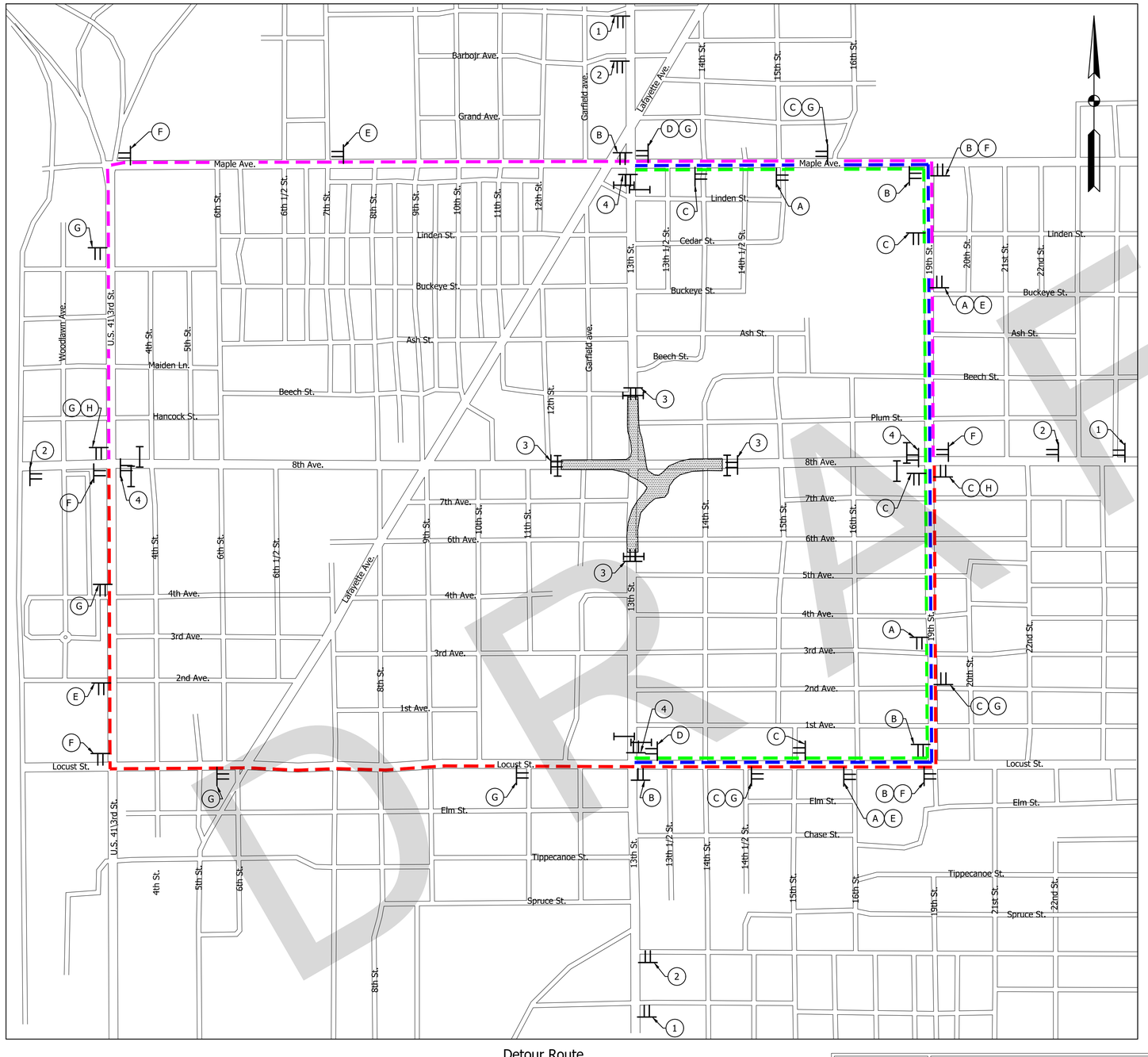
RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 100' / VERTICAL SCALE / BRIDGE FILE VIGO 342 / DESIGNATION 1900842, 18019
DESIGNED: MC DRAWN: AB	CHECKED: TDW CHECKED: MC	PLAT NO.1	SURVEY BOOK / SHEET 6 OF / CONTRACT B-41842 / PROJECT 1900842, 18019

D:\fsn1241\Jobs5\6-36900.0000\ProjDevelopment\ROW\RWENG\CalculationDrawings\6-36SWI51.dwg Bill Hutton Plot:2/1/2021 7:43 AM Sover1/29/2021 1:16 PM

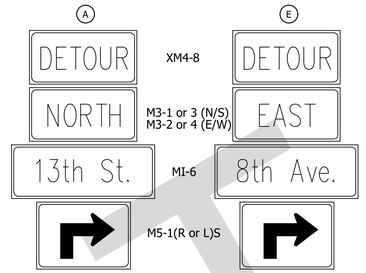


RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 40'	BRIDGE FILE VIGO 342
		VERTICAL SCALE	DESIGNATION 1900842, 180193
DESIGNED: MC DRAWN: ALB	PLAT NO.1	SURVEY BOOK	SHEET 7 OF
CHECKED: TDW CHECKED: MC		CONTRACT B-41842	PROJECT 1900842, 180193

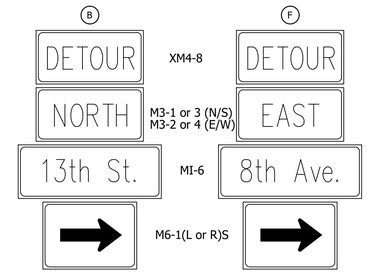
\\bfsnt241\Jobs5\636900.0000\ProjDevelopment\ROW\RWENG\CalculationDrawings\6369W151.dwg Bill Hutton Plot:2/1/2021 7:43 AM Save:1/29/2021 1:16 PM



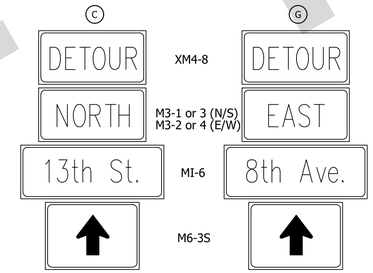
Detour Route
Not To Scale



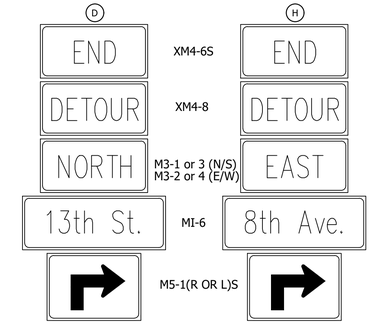
ADVANCE TURN DETOUR
ROUTE MARKER ASSEMBLY
SCALE: NONE



DIRECTIONAL DETOUR
ROUTE MARKER ASSEMBLY
SCALE: NONE



CONFIRMING DETOUR
ROUTE MARKER ASSEMBLY
SCALE: NONE



END DETOUR
ROUTE MARKER ASSEMBLY
SCALE: NONE

DETOUR SIGN SUMMARY

	MESSAGE	CODE	TYPE	QTY.

LEGEND

- Northbound Detour Route
- Southbound Detour Route
- Eastbound Detour Route
- Westbound Detour Route
- Area Of Construction
- Type III-B Barricade
- Construction Sign Type As Shown w/ Type 'A' Warning Light

1	Road Closed Ahead	XW20-3
2	Detour Ahead	XW20-2
3	Road Closure Sign Assembly	
4	Road Closed Local Traffic Only	R11-3
A E	Advance Detour Route Marker	
B F	Directional Detour Route Marker	
C G	Confirming Detour Route Marker	
D H	End Detour Route Marker	

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

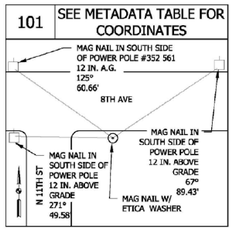
DETOUR ROUTE

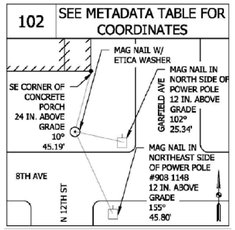
HORIZONTAL SCALE	BRIDGE FILE
NONE	VIGO 342
VERTICAL SCALE	DESIGNATION
NONE	1900842, 1801932
SURVEY BOOK	SHEET
	8 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

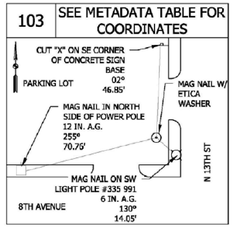
BFS NO. 6369

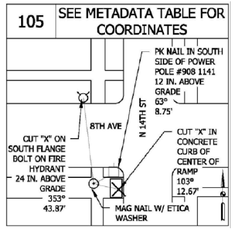
DRAFT

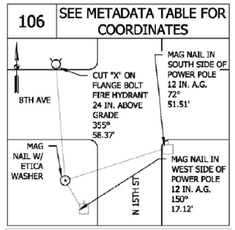
\\bfsn1241\Jobs5\6369\0000\ProjDevelopment\Design\Drawings\6369R300.dwg Bill Hutton Plot: 2/1/2021 7:43 AM Save: 1/28/2021 1:19 PM

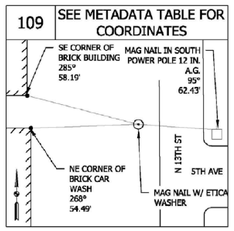


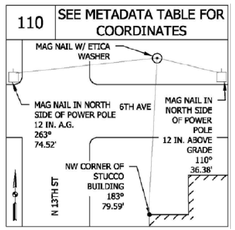


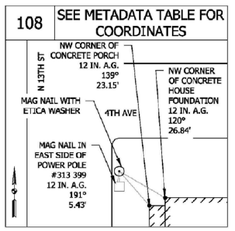


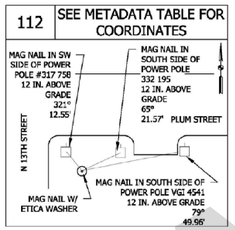


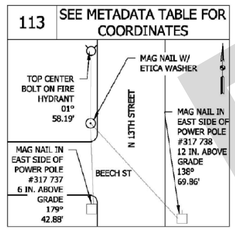


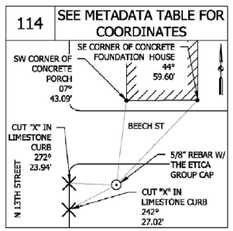












Control Point Table

Point	Northing	Easting	Elevation	Description
100	203619.2149	801060.1078	491.872	MAG NAIL
101	203620.8514	801257.4350	491.133	MAG NAIL
102	203665.3585	801720.584	489.314	MAG NAIL
103	203679.4305	802103.3331	491.086	MAG NAIL
105	203619.0695	802768.9842	492.781	MAG NAIL
106	203605.3367	803429.0686	491.287	MAG NAIL
107	203447.4853	802273.3357	491.149	MAG NAIL
108	202290.3529	802168.4331	489.768	MAG NAIL
109	202681.0867	802104.0757	490.985	MAG NAIL
110	203010.6834	802182.1900	490.629	MAG NAIL
112	203984.9770	802167.3307	491.797	MAG NAIL
113	204289.0105	802110.4600	492.726	MAG NAIL
114	204455.4783	802178.9735	493.010	CAPPED REBAR

DRAFT

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

SURVEY REFERENCE POINTS

HORIZONTAL SCALE	BRIDGE FILE
NONE	VIGO 342
VERTICAL SCALE	DESIGNATION
NONE	1900842, 1801932
SURVEY BOOK	SHEET
	9 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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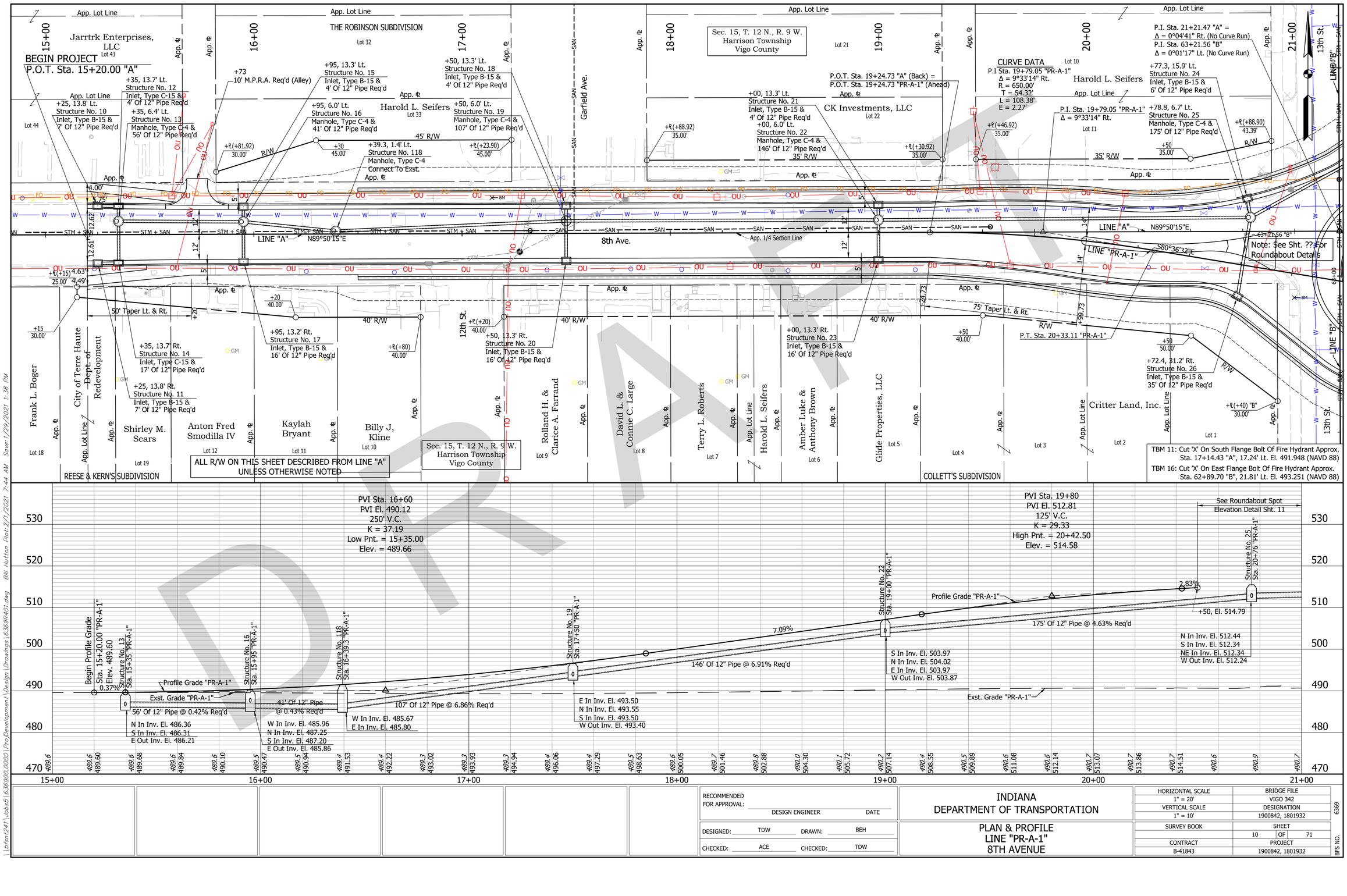

BEGIN PROJECT
P.O.T. Sta. 15+20.00 "A"
Jarrtrk Enterprises, LLC
Lot 43
Lot 44
THE ROBINSON SUBDIVISION
Lot 32
Harold L. Seifers
Lot 33
Garfield Ave.
Sec. 15, T. 12 N., R. 9 W.
Harrison Township
Vigo County
Lot 21
CK Investments, LLC
Lot 22
Harold L. Seifers
Lot 11
Lot 10
CURVE DATA
P.I Sta. 19+79.05 "PR-A-1"
Δ = 9°33'14" Rt.
R = 650.00'
T = 54.32'
L = 108.38'
E = 2.27'
P.I. Sta. 21+21.47 "A" =
Δ = 0°04'41" Rt. (No Curve Run)
P.I. Sta. 63+21.56 "B"
Δ = 0°01'17" Lt. (No Curve Run)
P.O.T. Sta. 19+24.73 "A" (Back) =
P.O.T. Sta. 19+24.73 "PR-A-1" (Ahead)
+35, 13.7' Lt.
Structure No. 12
Inlet, Type C-15 &
4' Of 12" Pipe Req'd
+25, 13.8' Lt.
Structure No. 10
Inlet, Type B-15 &
7' Of 12" Pipe Req'd
+35, 6.4' Lt.
Structure No. 13
Manhole, Type C-4 &
56' Of 12" Pipe Req'd
+73
10' M.P.R.A. Req'd (Alley)
+95, 13.3' Lt.
Structure No. 15
Inlet, Type B-15 &
4' Of 12" Pipe Req'd
+95, 6.0' Lt.
Structure No. 16
Manhole, Type C-4 &
41' Of 12" Pipe Req'd
+50, 13.3' Lt.
Structure No. 18
Inlet, Type B-15 &
4' Of 12" Pipe Req'd
+50, 6.0' Lt.
Structure No. 19
Manhole, Type C-4 &
107' Of 12" Pipe Req'd
+39.3, 1.4' Lt.
Structure No. 118
Manhole, Type C-4
Connect To Exst.
+00, 13.3' Lt.
Structure No. 21
Inlet, Type B-15 &
4' Of 12" Pipe Req'd
+00, 6.0' Lt.
Structure No. 22
Manhole, Type C-4 &
146' Of 12" Pipe Req'd
+77.3, 15.9' Lt.
Structure No. 24
Inlet, Type B-15 &
6' Of 12" Pipe Req'd
+78.8, 6.7' Lt.
Structure No. 25
Manhole, Type C-4 &
175' Of 12" Pipe Req'd
+35, 13.7' Rt.
Structure No. 14
Inlet, Type C-15 &
17' Of 12" Pipe Req'd
+25, 13.8' Rt.
Structure No. 11
Inlet, Type B-15 &
7' Of 12" Pipe Req'd
+95, 13.2' Rt.
Structure No. 17
Inlet, Type B-15 &
16' Of 12" Pipe Req'd
+50, 13.3' Rt.
Structure No. 20
Inlet, Type B-15 &
16' Of 12" Pipe Req'd
+00, 13.3' Rt.
Structure No. 23
Inlet, Type B-15 &
16' Of 12" Pipe Req'd
+72.4, 31.2' Rt.
Structure No. 26
Inlet, Type B-15 &
35' Of 12" Pipe Req'd
R/W
35' R/W
45' R/W
40' R/W
50' Taper Lt. & Rt.
75' Taper Lt. & Rt.
LINE "A"
N89°50'15"E
LINE "PR-A-1"
S80°36'32"E
LINE "B"
P.T. Sta. 20+33.11 "PR-A-1"
P.I. = 63+21.56 "B"
Note: See Sht. ???? for Roundabout Details
8th Ave.
12th St.
13th St.
App. Lot Line
App. 1/4 Section Line
Frank L. Boger
Lot 18
City of Terre Haute
Dept. of
Redevelopment
Shirley M. Sears
Lot 19
Anton Fred Smodilla IV
Lot 12
Kaylah Bryant
Lot 11
Billy J, Kline
Lot 10
Rolland H. & Clarice A. Farrand
Lot 9
David L. & Connie C. Large
Lot 8
Terry L. Roberts
Lot 7
Harold L. Seifers
Lot 6
Amber Luke & Anthony Brown
Lot 5
Glide Properties, LLC
Lot 4
Lot 3
Critter Land, Inc.
Lot 2
Lot 1
REESE & KERN'S SUBDIVISION
COLLETT'S SUBDIVISION
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED
TBM 11: Cut 'X' On South Flange Bolt Of Fire Hydrant Approx. Sta. 17+14.43 "A", 17.24' Lt. El. 491.948 (NAV D 88)
TBM 16: Cut 'X' On East Flange Bolt Of Fire Hydrant Approx. Sta. 62+89.70 "B", 21.81' Lt. El. 493.251 (NAV D 88)
PVI Sta. 16+60
PVI El. 490.12
250' V.C.
K = 37.19
Low Pnt. = 15+35.00
Elev. = 489.66
PVI Sta. 19+80
PVI El. 512.81
125' V.C.
K = 29.33
High Pnt. = 20+42.50
Elev. = 514.58
See Roundabout Spot Elevation Detail Sht. 11
Begin Profile Grade
Sta. 15+20.00 "PR-A-1"
Elev. 489.60
0.37%
Structure No. 13
Sta. 15+35 "PR-A-1"
Structure No. 16
Sta. 15+95 "PR-A-1"
Structure No. 118
Sta. 16+39.3 "PR-A-1"
Structure No. 19
Sta. 17+50 "PR-A-1"
Structure No. 22
Sta. 19+00 "PR-A-1"
Structure No. 25
Sta. 20+76 "PR-A-1"
Profile Grade "PR-A-1"
Exst. Grade "PR-A-1"
56' Of 12" Pipe @ 0.42% Req'd
N In Inv. El. 486.36
S In Inv. El. 486.31
E Out Inv. El. 486.21
41' Of 12" Pipe
@ 0.43% Req'd
W In Inv. El. 485.96
N In Inv. El. 487.25
S In Inv. El. 487.20
E Out Inv. El. 485.86
107' Of 12" Pipe @ 6.86% Req'd
W In Inv. El. 485.67
E In Inv. El. 485.80
7.09%
146' Of 12" Pipe @ 6.91% Req'd
E In Inv. El. 493.50
N In Inv. El. 493.55
S In Inv. El. 493.50
W Out Inv. El. 493.40
S In Inv. El. 503.97
N In Inv. El. 504.02
E In Inv. El. 503.97
W Out Inv. El. 503.87
2.83%
175' Of 12" Pipe @ 4.63% Req'd
+50, El. 514.79
N In Inv. El. 512.44
S In Inv. El. 512.34
NE In Inv. El. 512.34
W Out Inv. El. 512.24
RECOMMENDED FOR APPROVAL:
DESIGN ENGINEER
DATE
DESIGNED: TDW
DRAWN: BEH
CHECKED: ACE
CHECKED: TDW
INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "PR-A-1"
8TH AVENUE
HORIZONTAL SCALE 1" = 20'
VERTICAL SCALE 1" = 10'
BRIDGE FILE VIGO 342
DESIGNATION 1900842, 1801932
SURVEY BOOK
SHEET 10 OF 71
CONTRACT B-41843
PROJECT 1900842, 1801932
BFS NO. 6369
Saved: 1/29/2021 1:38 PM
Plot: 2/1/2021 7:44 AM
Bill Hutton
\\bfsn1241\Jobs5\6369\00 0000\ProjDevelopment\Design\Drawings\6369R401.dwg

ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A" UNLESS OTHERWISE NOTED

Sec. 15, T. 12 N., R. 9 W.
Harrison Township
Vigo County

Note: See Sht. ?? For Roundabout Details

Johnny D. & Stephanie J. Johnson

P.C. Sta. 23+44.88 "PR-A-2"

+50, 17.1' Lt.
Structure No. 27
Inlet, Type B-15 &
38' Of 12" Pipe Req'd

LINE "PR-A-2"

LINE "A"

8th Ave.

N89°54'56"E

N36°09'03"E

CURVE DATA
P.I. Sta. 25+22.31 "PR-A-2"
Δ = 53°45'53" Rt.
D = 350.00'
T = 177.43'
L = 328.43'
E = 42.40'

P.I. Sta. 25+22.31 "PR-A-2"
Δ = 53°45'53" Rt.

P.T. Sta. 26+73.31 "PR-A-2" (Back) =
P.O.T. Sta. 26+73.31 "A" (Ahead)

END PROJECT
P.O.T. Sta. 29+00.00 "A"

BELLEVIEW/PLACE (REPLAT)

+00, 13.3' Lt.
Structure No. 30
Inlet, Type B-15 &
16' Of 12" Pipe Req'd

+40, 13.3' Lt.
Structure No. 33
Inlet, Type B-15 &
16' Of 12" Pipe Req'd

+25, 13.9' Lt.
Structure No. 36
Inlet, Type B-15 &
16' Of 12" Pipe Req'd

+95, 15.6' Lt.
Structure No. 39
Inlet, Type B-15 &
21' Of 12" Pipe Req'd

+00, 6.0' Rt.
Structure No. 31
Manhole, Type C-4 &
134' Of 12" Pipe Req'd

+00, 13.2' Rt.
Structure No. 32
Inlet, Type B-15 &
4' Of 12" Pipe Req'd

+40, 6.0' Rt.
Structure No. 34
Manhole, Type C-4 &
81' Of 15" Pipe Req'd

+40, 13.3' Rt.
Structure No. 35
Inlet, Type B-15 &
4' Of 12" Pipe Req'd

+80, 35.0' Rt.
Structure No. 108
Manhole, Type C-4

+50, 33.0' Rt.
Structure No. 29
Inlet, Type B-15 &
6' Of 12" Pipe Req'd

+50, 23.5' Rt.
Structure No. 28
Manhole, Type C-4 &
142' Of 12" Pipe Req'd

+25, 6.7' Rt.
Structure No. 37
Manhole, Type C-4 &
66' Of 15" Pipe Req'd

+25, 14.0' Rt.
Structure No. 38
Inlet, Type B-15 &
4' Of 12" Pipe Req'd

+95, 8.8' Rt.
Structure No. 40
Manhole, Type C-4 &
113' Of 15" Pipe Req'd

+95, 16.0' Rt.
Structure No. 41
Inlet, Type B-15 &
4' Of 12" Pipe Req'd

P.O.T. Sta. 22+78.03 "PR-A-2" =
P.O.T. Sta. 52+71.53 "PR-1" =
P.O.T. Sta. 62+05.49 "PR-B-1"

Modern Aluminum Castings Co., Inc.

SPENCER PARK SUBDIVISION

Sec. 15, T. 12 N., R. 9 W.
Harrison Township
Vigo County

Modern Aluminum Castings Co., Inc.

Lonnie L. & Darlene F. Cooper
Ray O. & David R. Marshall
Joan L. & Dennis E. Hill
Charlie & Barbara J. Nellum
Kayla Brennan
Donald E. Mulvey
Rhonda S. Fox

14th St.
13th St.

R/W
35' R/W
App. ℄
App. Lot Line
App. 1/4 Section Line
Ex. R/W(30.00')

+60 35.00'
+℄(+60) 30.00'
+℄(+31.75) 35.00'
+℄(+51.75) 35.00'
+℄(+51.75) 50.00'
+85 150.00'
+05 70.00'
+05 35.00'

+82 26' M.P.R.A. Req'd
+82 39' M.P.R.A. Req'd
+65 15' Cl. I Dr. Req'd
+61 19' Cl. III Dr. Req'd

100' Taper Lt. & Rt.
75' Taper Lt. & Rt.

-2.51%
-7.16%
-0.96%

Profile Grade "PR-A-2"
Exst. Grade "PR-A-2"

134' Of 12" Pipe @ 5.48% Req'd
81' Of 15" Pipe @ 2.59% Req'd
66' Of 15" Pipe @ 2.56% Req'd

See Roundabout Spot Elevation Detail Sht. 11

PVI Sta. 24+40
PVI El. 514.38
125' V.C.
K = 26.89
High Pnt. = 23+77.50
Elev. = 515.95

PVI Sta. 27+30
PVI El. 493.63
235' V.C.
K = 37.92
Low Pnt. = 28+47.50
Elev. = 492.50

TBM 12: Cut 'X' On South Flange Bolt Of Fire Hydrant Approx. Sta. 27+47.10 "A", 19.40' Lt. El. 495.636 (NAVD 88)

End Profile Grade
Sta. 29+00.00 "PR-A-2"
Elev. 492.00

Structure No. 28
Sta. 23+50 "PR-A-2"
SE In Inv. El. 513.45
NW In Inv. El. 513.53
SW Out Inv. El. 513.35

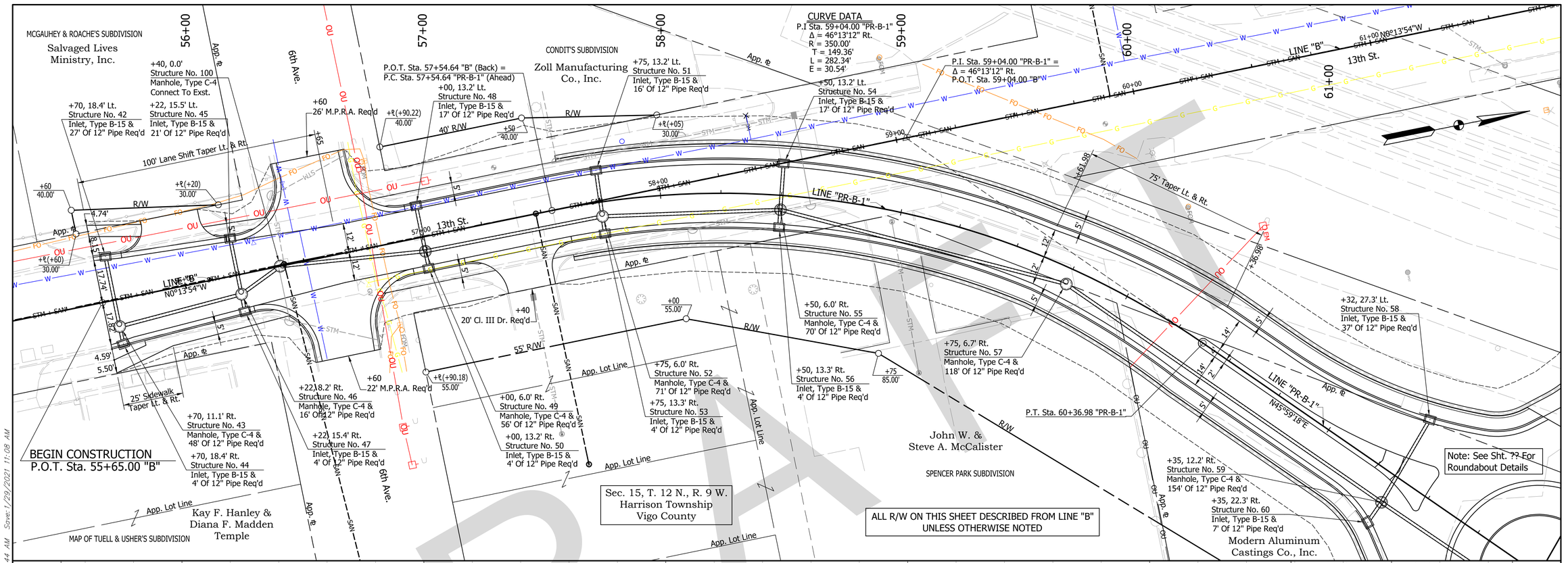
Structure No. 31
Sta. 26+00 "PR-A-2"
N In Inv. El. 499.10
S In Inv. El. 499.15
E Out Inv. El. 498.81

Structure No. 34
Sta. 27+40 "PR-A-2"
W In Inv. El. 491.23
N In Inv. El. 491.23
S In Inv. El. 491.28
E Out Inv. El. 491.03

Structure No. 37
Sta. 28+25 "PR-A-2"
W In Inv. El. 488.83
N In Inv. El. 488.93
S In Inv. El. 488.99
E Out Inv. El. 488.73

Structure No. 40
Sta. 28+95 "PR-A-2"
W In Inv. El. 486.94
N In Inv. El. 488.15
S In Inv. El. 488.21
W Out Inv. El. 483.94

| | | |



RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-B-1"
13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	12 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

DRAFT

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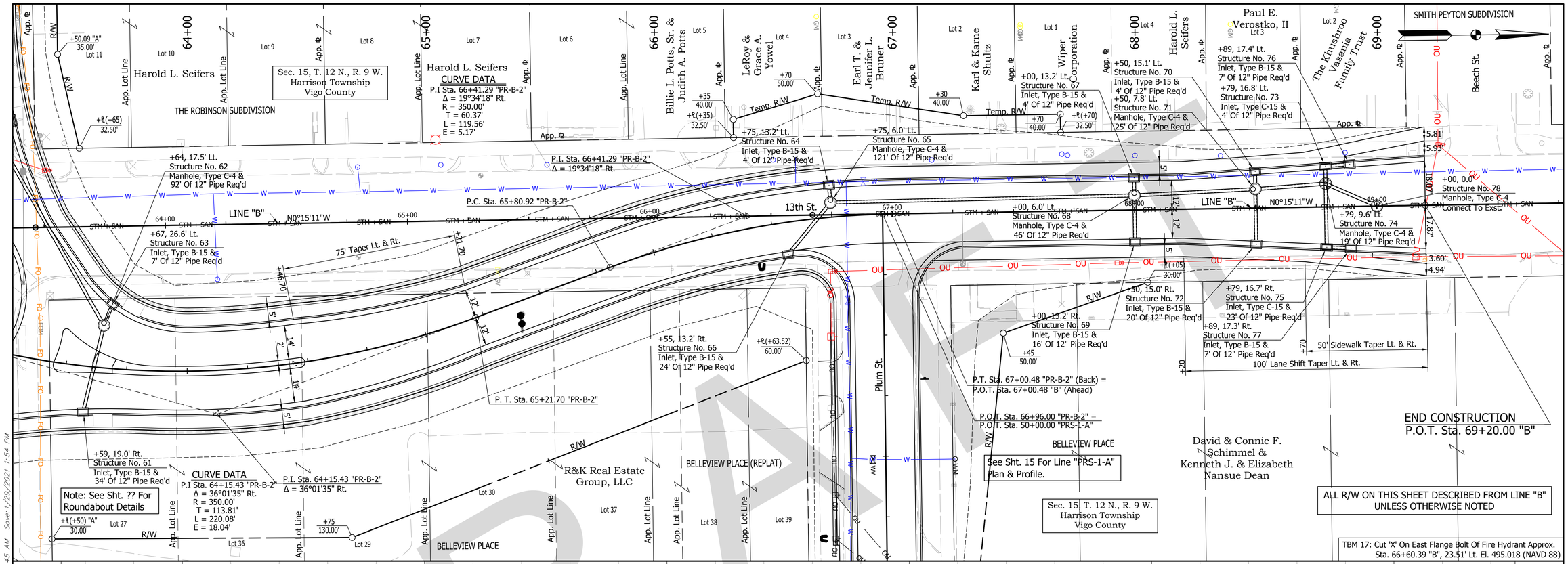

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-B-2"
13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	13 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

DRAFT

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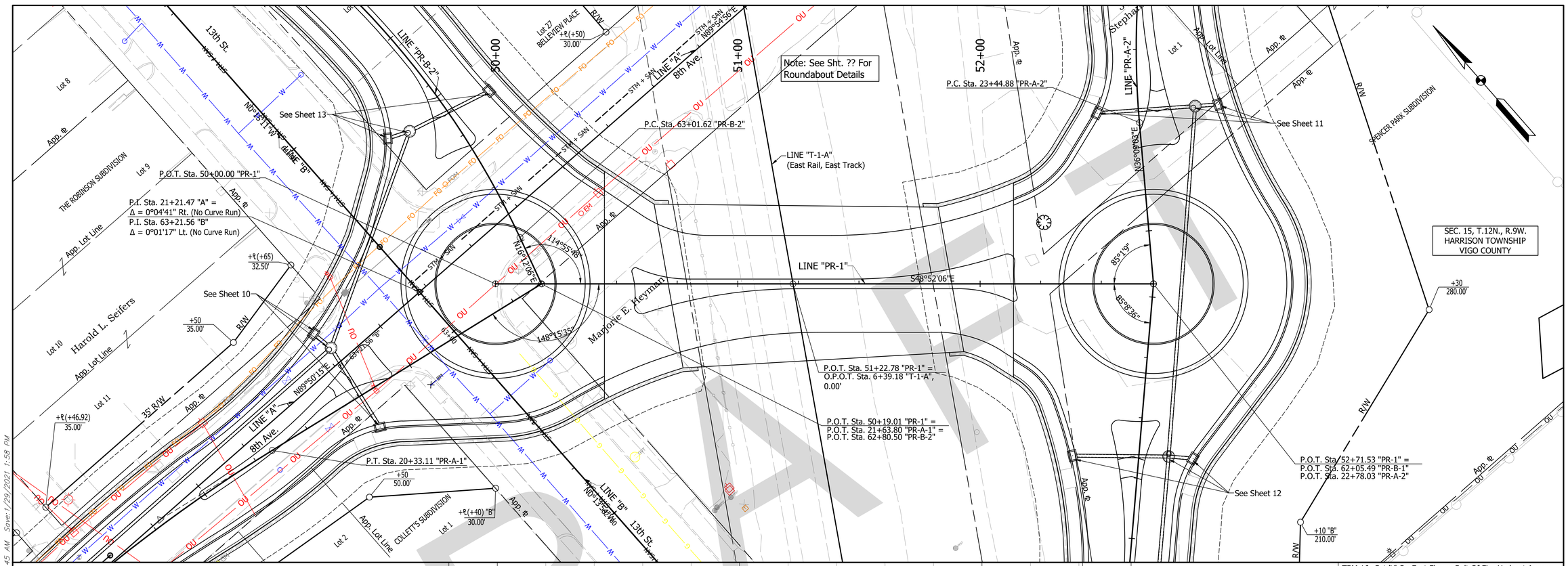

DRAFT

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-1"
8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	14 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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DRAFT

Wiper Corporation

See Sht. 13 For Line "PR-B-2" Plan & Profile.

Karl & Karne Shultz

Earl T. & Jennifer L. Bruner

LeRoy & Grace A. Yowel

Billie L. Potts, Sr. & Judith A. Potts

David & Connie F. Schimmel & Kenneth J. & Elizabeth Nansue Dean

R&K Real Estate Group, LLC

Sec. 15, T. 12 N., R. 9 W. Harrison Township Vigo County

Sec. 15, T. 12 N., R. 9 W. Harrison Township Vigo County

Plum St.

LINE "PRS-1-A" N89°54'28"E

LINE "B" N0°15'11"W

LINE "PR-B-2"

13th St.

Temp. R/W

R/W

App. Lot Line

App. ℄

P.T. Sta. 67+00.48 "PR-B-2"

P.O.T. Sta. 50+00.00 "PRS-1-A" = P.O.T. Sta. 66+96.00 "B"

P.O.T. Sta. 54+12.70 "PRS-1-A"

P.C. Sta. 65+80.92 "PR-B-2"

89°50'21"

+℄(+05) 30.00'

+45 50.00'

+℄(+30) 180.00'

+℄(+70) 32.50'

+70 40.00'

+30 40.00'

+70 50.00'

+35 40.00'

+℄(+35) 32.50'

+℄(+63.52) 60.00'

50+00 51+00 52+00 53+00 54+00

68+00 67+00 66+00

PVI Sta. 52+19.82
PVI El. 492.92
150' V.C.
K = 87.93
Low Pnt. = 52+94.82
Elev. = 492.61

+12, El. 497.32

-2.12%

-0.41%

+00, El. 492.59

530 520 510 500 490 480 470

492.2 492.0 497.15 492.0 496.73 492.0 496.30 492.1 495.88 492.3 495.46 492.4 495.03 492.4 494.61 492.4 494.20 492.5 493.83 492.5 493.51 492.5 493.24 492.5 493.01 492.5 492.82 492.5 492.69 492.6 492.59 492.6 492.5 493.5 493.3

50+00 51+00 52+00 53+00 54+00

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PRS-1-A"
PLUM ST.

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	15 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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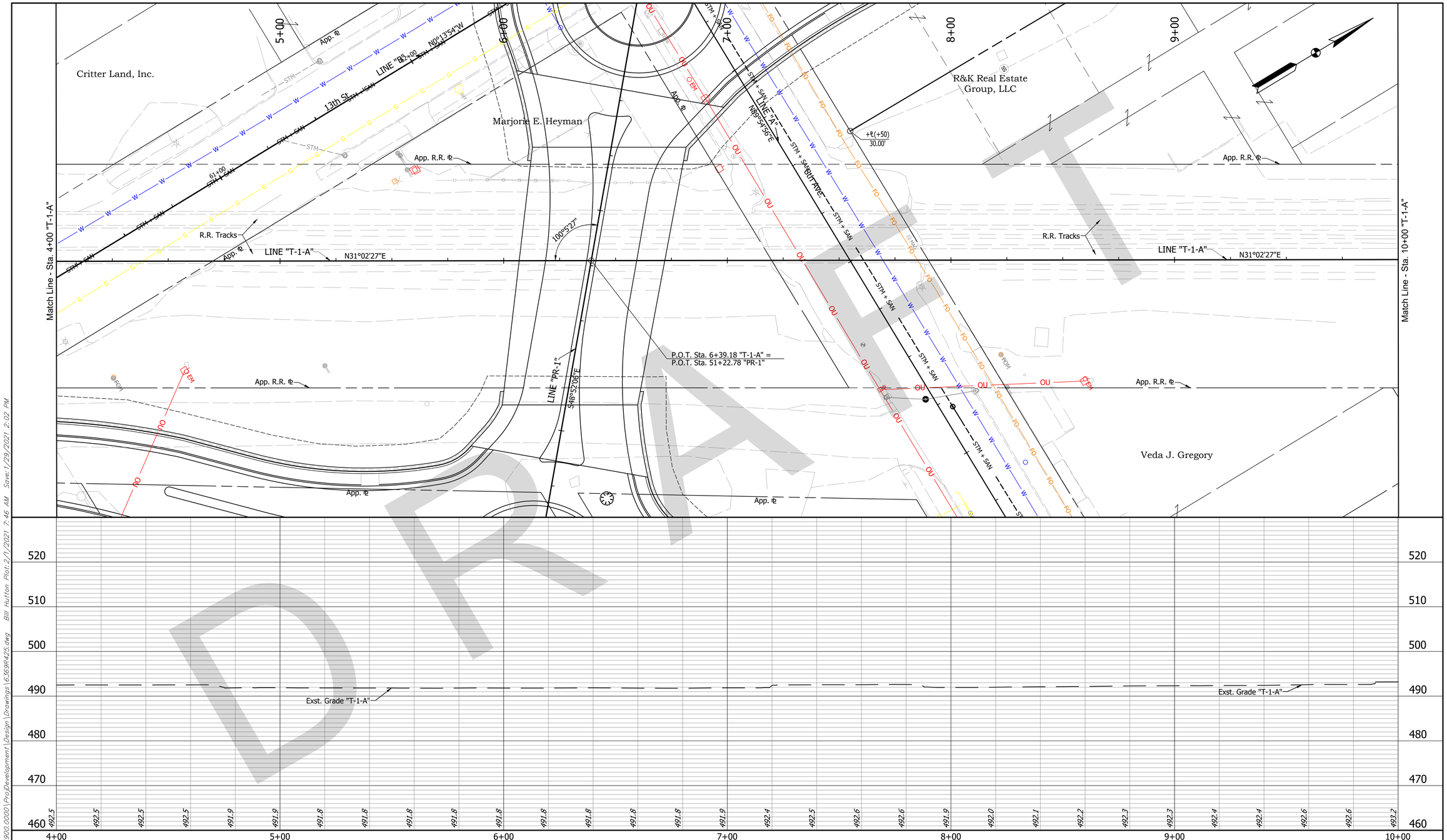

DRAFT

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE VIGO 342
		VERTICAL SCALE 1" = 10'	DESIGNATION 1900842, 1801932
DESIGNED: TDW DRAWN: BEH	PLAN & PROFILE LINE "T-1-A"	SURVEY BOOK	SHEET 16 OF 71
CHECKED: ACE CHECKED: TDW		CONTRACT B-41843	PROJECT 1900842, 1801932

BFS NO. 6369

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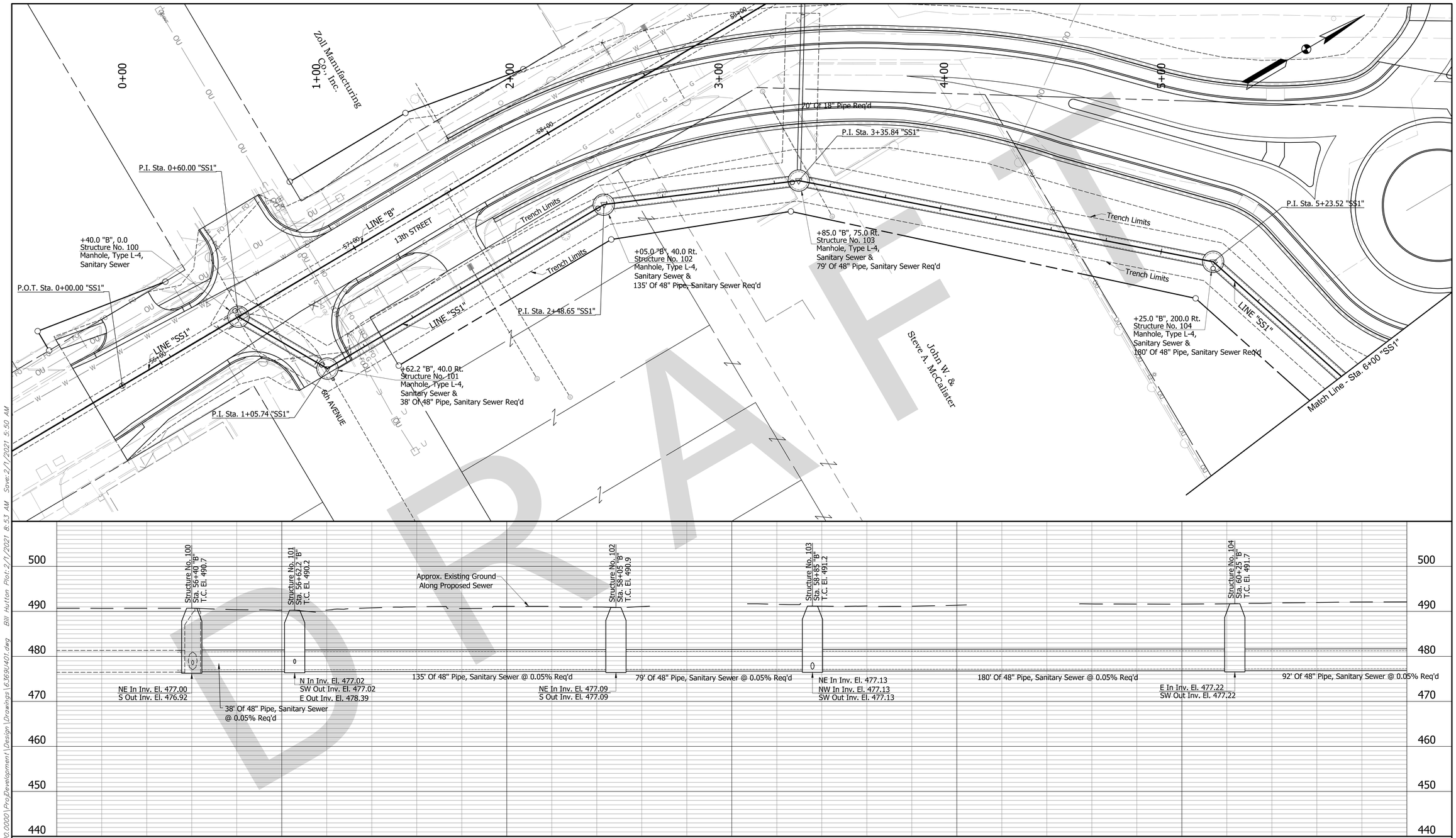

DRAFT

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: G. Nulliner DRAWN: G. Nulliner

CHECKED: M. Chmeliwskyj CHECKED: M. Chmeliwskyj

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
PROPOSED COMBINED SEWER

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	17 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

6369

BFS NO.

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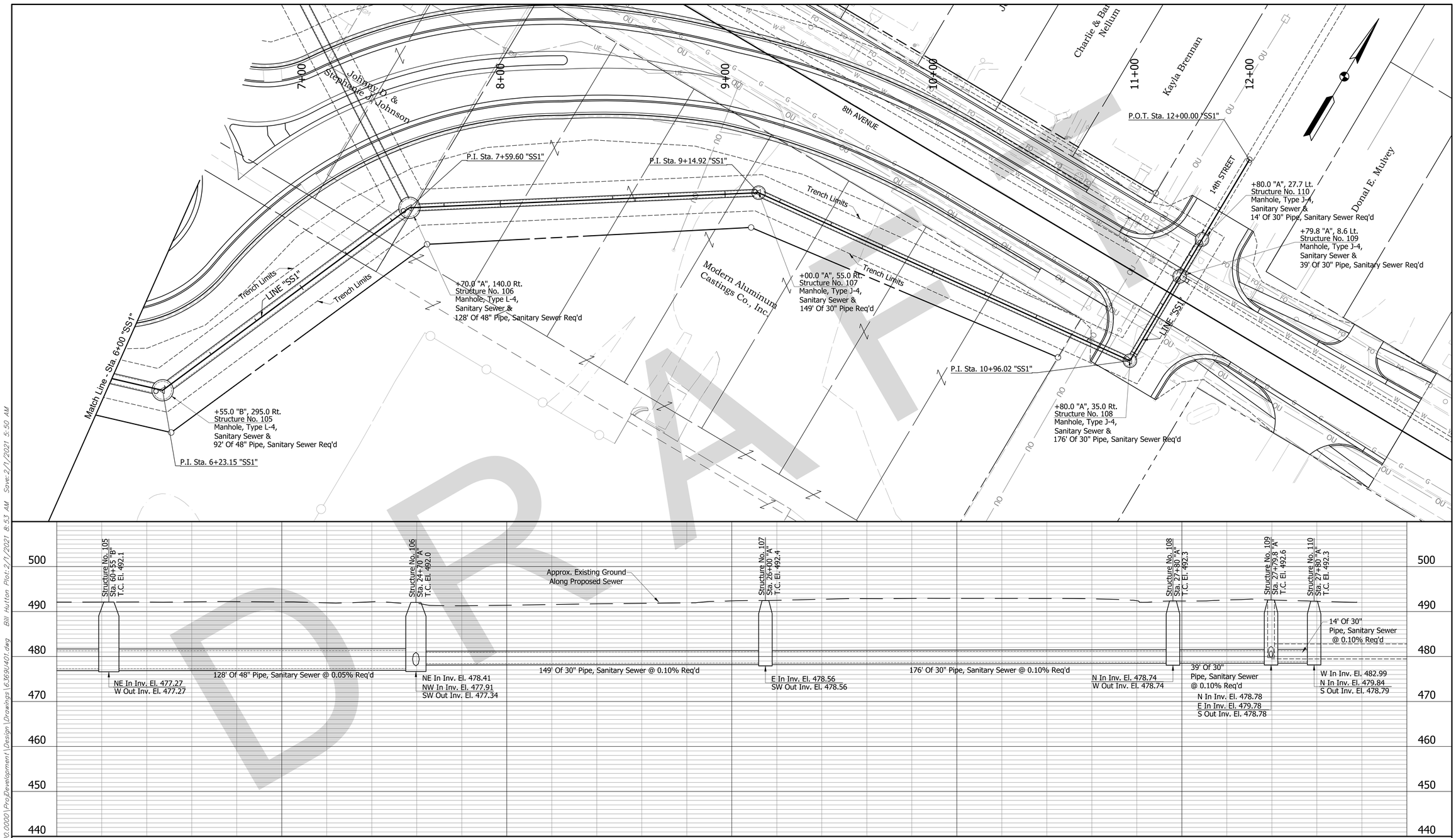

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE

DESIGNED: G. Nulliner DRAWN: G. Nulliner

CHECKED: M. Chmeliwskyj CHECKED: M. Chmeliwskyj

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
PROPOSED COMBINED SEWER

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	18 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

DRAFT

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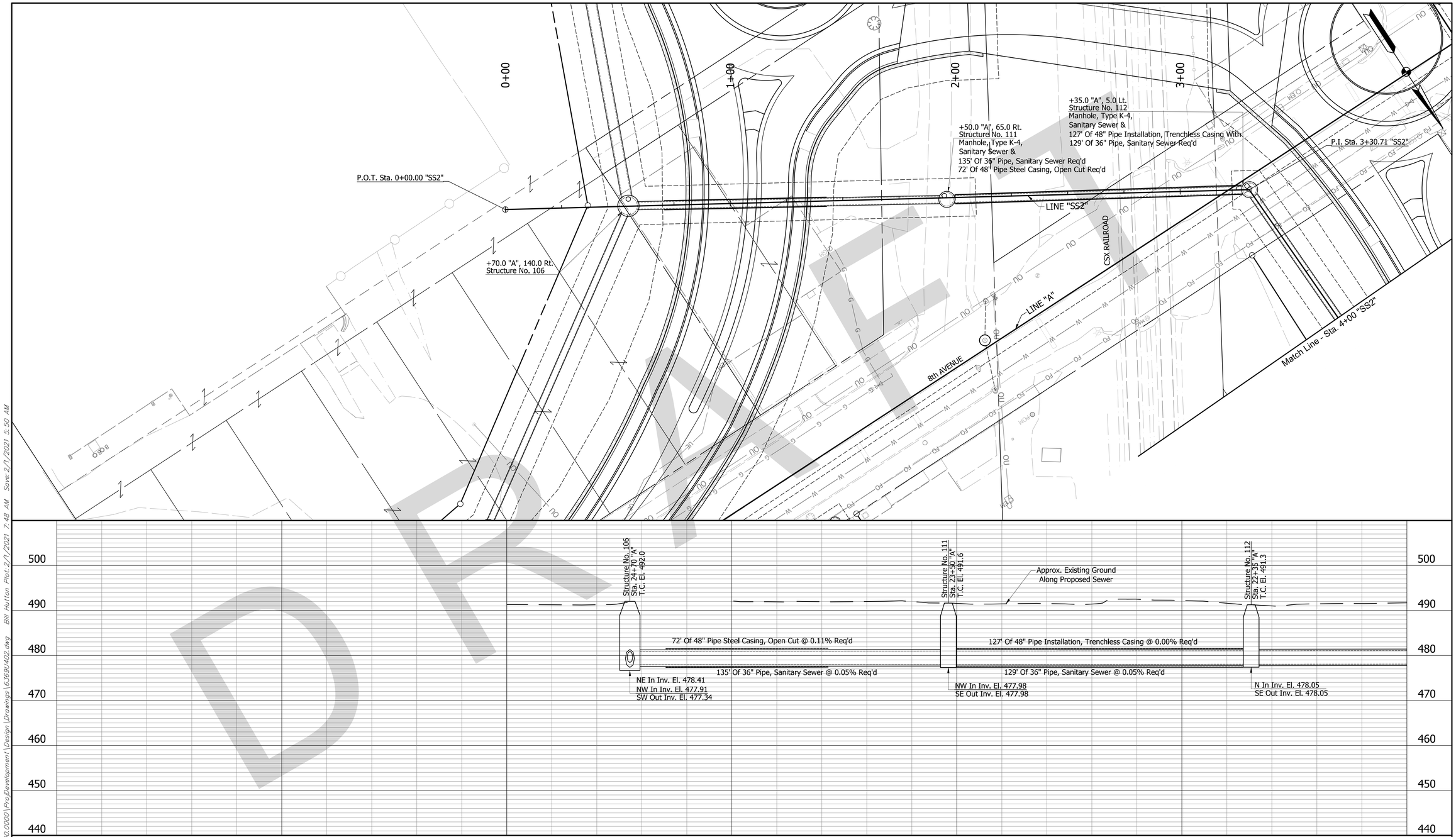

DRAFT

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: G. Nulliner DRAWN: G. Nulliner

CHECKED: M. Chmeliwskyj CHECKED: M. Chmeliwskyj

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
PPROPOSED COMBINED SEWER

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	19 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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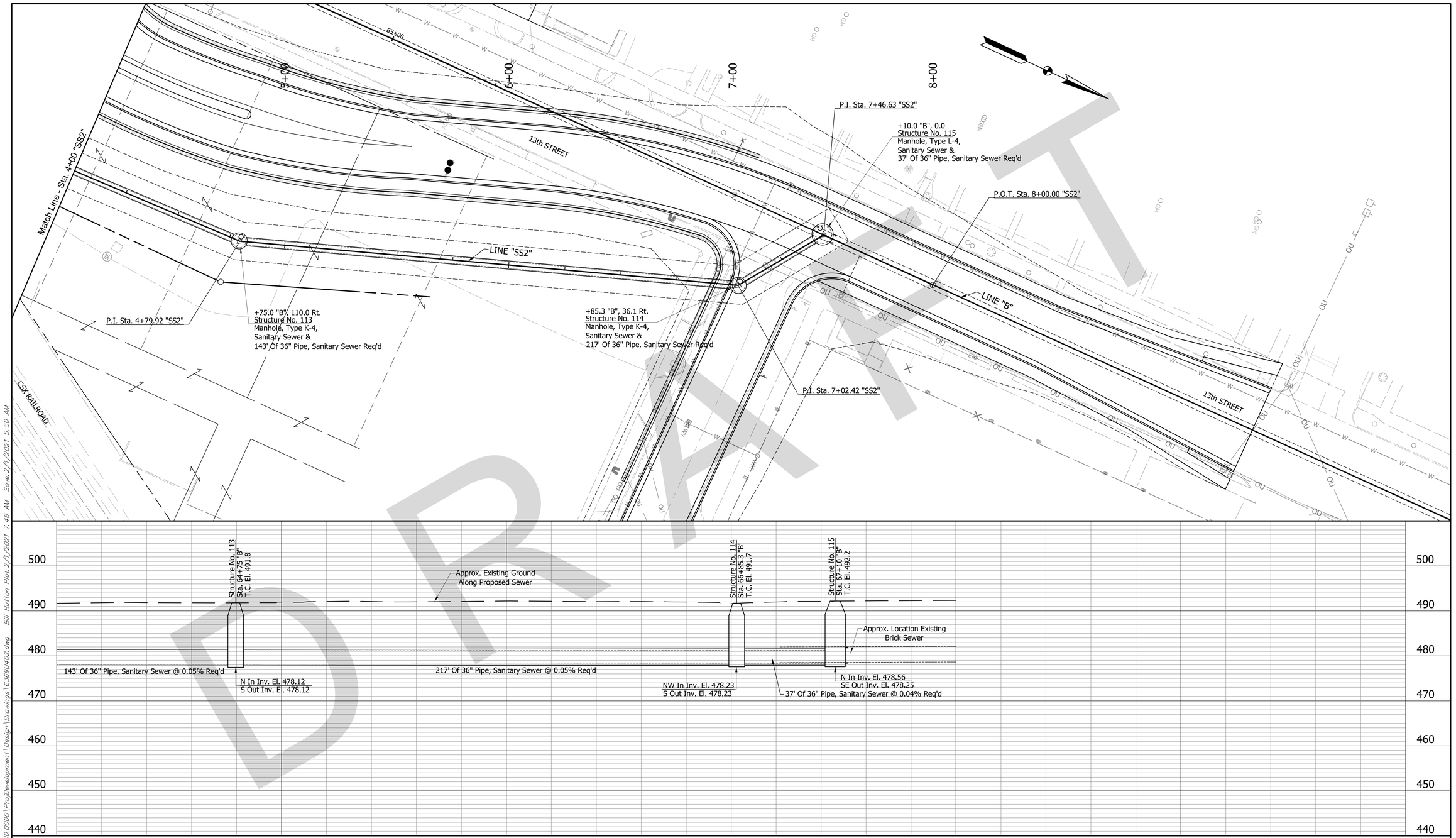

DRAFT

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: G. Nulliner | DRAWN: G. Nulliner

CHECKED: M. Chmeliwskyj | CHECKED: M. Chmeliwskyj

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
PROPOSED COMBINED SEWER

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	20 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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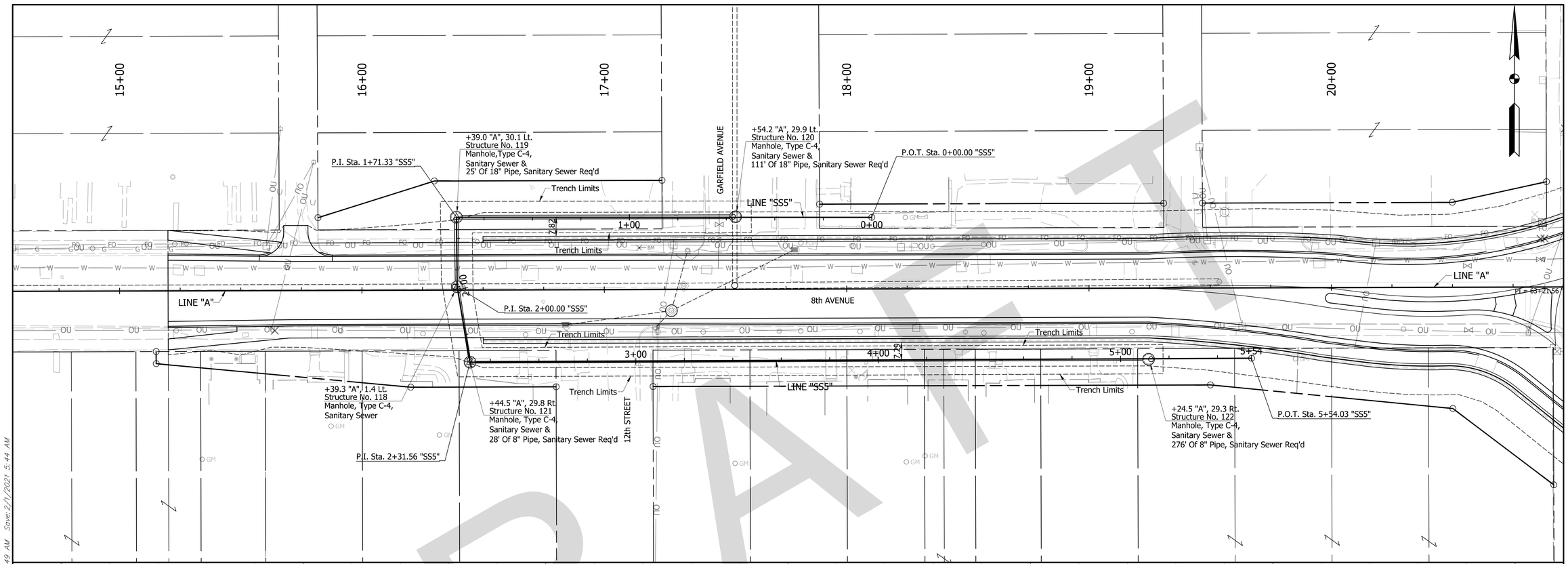

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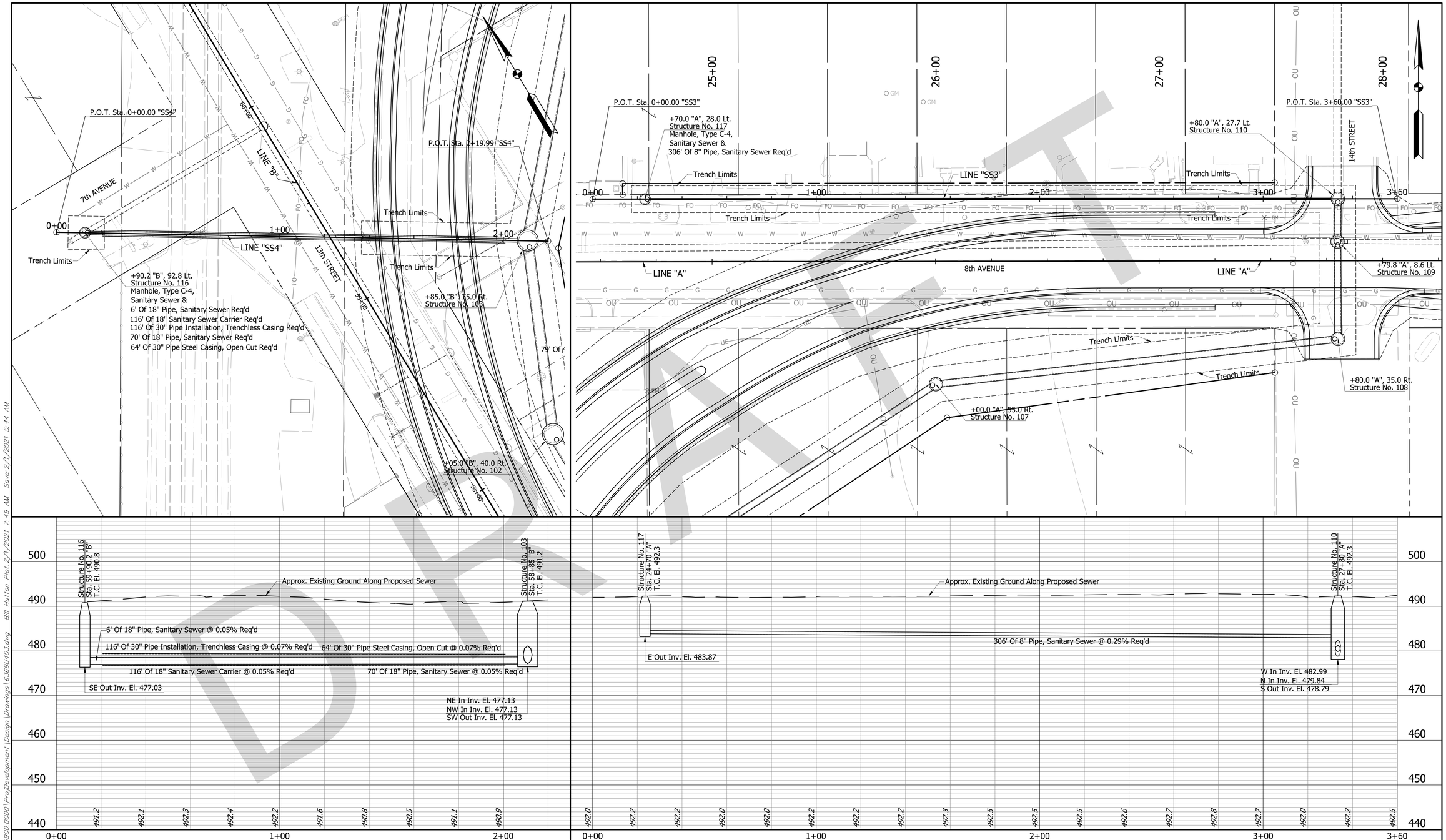
RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 20' / BRIDGE FILE VIGO 342
DESIGNED: G. Nulliner	DRAWN: G. Nulliner	PLAN & PROFILE PROPOSED COMBINED AND SANITARY SEWERS	VERTICAL SCALE 1" = 10' / DESIGNATION 1900842, 1801932
CHECKED: M. Chmeliwskyj	CHECKED: M. Chmeliwskyj		SURVEY BOOK / SHEET 21 OF 71
			CONTRACT B-41843 / PROJECT 1900842, 1801932

BFS NO. 6369



DRAFT

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 20' / BRIDGE FILE VIGO 342
DESIGNED: G. Nulliner	DRAWN: G. Nulliner	PLAN & PROFILE PROPOSED COMBINED AND SANITARY SEWERS	VERTICAL SCALE 1" = 10' / DESIGNATION 1900842, 1801932
CHECKED: M. Chmeliwskyj	CHECKED: M. Chmeliwskyj		SURVEY BOOK / SHEET 22 OF 71
			CONTRACT B-41843 / PROJECT 1900842, 1801932

BFS NO. 6369

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TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project
ROUTE NO. : 13th Street and 8th Ave Railroad Overpass COUNTY : Vigo
LOCATION : Terre Haute, IN
DES NO. : 1900842, 1801932 PROJECT NO: 1900842, 1801932

BORING NO. : TB- 1
SHEET : 1 OF 4
DATE STARTED : 01-13-21
DATE COMPLETED : 01-15-21
CTL PROJECT NO : 19050041IND

Boring Elevation: 491.0 feet
Latitude : 39.484358
Longitude -87.397243

Boring Depth : 100.0 feet
Station : 51+95
Offset : 24.0 feet Rt
Line : "PR-1"

Boring Method : HSA
Rig Type : CME-550 ATV
Casing Diameter : 3.25" I.D.
Core Size : ---

Hammer : Automatic
Hammer Efficiency : 90.7
Driller/Inspector : JS/DW
Temperature : 40° F
Weather : Sunny

GROUNDWATER: ▽ Encountered at 29.0 feet ▼ At completion Dry ▼ Dry After 24 hours ⊠ Caved in at 16.0 feet

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
490.8		**ASPHALT CONCRETE** (2.5") (Visual)	0.2										
489.5		**SAND AND GRAVEL BASE** (15.5") (Visual)	1.5										
488.5	2.5	Dark Brown, Slightly Moist, Loose, **SAND AND GRAVEL** (Visual)	2.5	SS-1	5 5 3	8	44	10.5					
	5.0	Brown and Dark Brown, Moist, Medium Stiff, **SILTY CLAY LOAM** A-4 (6), Lab 1		SS-2	3 2 4	6	100	16.9			28	20	7
484.4	7.5	Brown, Slightly Moist, Loose, **SAND** A-2-4 (0), Lab 2	6.6	SS-3	5 3 4	7	100	5.1			NP	NP	NP
481.5	10.0		9.5	SS-4	4 3 3	6	44	6.5					
	12.5												
	15.0	Brown, Slightly Moist to Wet, Dense to Very Loose, **SANDY GRAVEL** A-1-a (0), Lab 3		SS-5	8 18 20	38	22	6.2					
	17.5												
	20.0			SS-6	8 9 9	18	89	3.2			NP	NP	NP
	22.5												

Continued on next page

CTL ENGINEERING
CTL Engineering, Inc.
Phone: 317-295-8650

BORING METHOD		SAMPLING METHOD		ABBREVIATIONS	
HSA	- Hollow Stem Auger	SS	- Split Spoon Sample	*	- Hand Penetrometer
SFA	- Solid Flight Auger	ST	- Shelby Tube Sample	LL	- Liquid Limit
RC	- Rock Coring	CR	- Rock Core Sample	PL	- Plastic Limit
MD	- Mud Drilling	BS	- Bag Sample	PI	- Plasticity Index
WD	- Wash Drilling	AC	- Auger Cuttings	DCP	- Dynamic Cone Penetrometer Test
HA	- Hand Auger	SBS	- Subbase Sample		

TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project

BORING NO. : TB- 1
SHEET : 2 OF 4

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
25.0				SS-7	8 11 9	20	67	4.4					
27.5		Brown, Slightly Moist to Wet, Dense to Very Loose, **SANDY GRAVEL** A-1-a (0), Lab 3											
30.0				SS-8	3 2 3	5	33	13.1					
460.0			31.0										
32.5													
				SS-9	14 7 5	12	100	11.3			NP	NP	NP
35.0													
37.5													
				SS-10	13 7 10	17	100	9.5					
40.0		Brown, Wet, Medium Dense to Dense, **GRAVELLY SAND** A-1-b (0), Lab 4											
42.5													
				SS-11	18 10 10	20	100	10.8					
45.0													
47.5													
				SS-12	20 15 16	31	100	16.7					
50.0													

Continued on next page

CTL ENGINEERING
CTL Engineering, Inc.
Phone: 317-295-8650

BORING METHOD		SAMPLING METHOD		ABBREVIATIONS	
HSA	- Hollow Stem Auger	SS	- Split Spoon Sample	*	- Hand Penetrometer
SFA	- Solid Flight Auger	ST	- Shelby Tube Sample	LL	- Liquid Limit
RC	- Rock Coring	CR	- Rock Core Sample	PL	- Plastic Limit
MD	- Mud Drilling	BS	- Bag Sample	PI	- Plasticity Index
WD	- Wash Drilling	AC	- Auger Cuttings	DCP	- Dynamic Cone Penetrometer Test
HA	- Hand Auger	SBS	- Subbase Sample		

TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project

BORING NO. : TB- 1
SHEET : 3 OF 4

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
52.5				SS-13	6 5 11	16	44	8.7					
55.0		Brown, Wet, Medium Dense to Dense, **GRAVELLY SAND** A-1-b (0), Lab 4											
434.0			57.0										
57.5				SS-14	7 9 14	23	33	15.2					
60.0													
62.5		Brown, Wet, Medium Dense to Dense, **SAND** A-2-4, As Lab 2											
65.0				SS-15	7 9 16	25	100	8.5					
67.5													
422.0			69.0										
70.0		Bentonite Slurry injected at 70 feet		SS-16	22 21 18	39	100	17.2					
72.5													
75.0		Brown, Wet, Medium Dense to Dense, **SANDY GRAVEL** A-1-a, As Lab 3		SS-17	7 10 18	28	67	15.6					
77.5													
80.0				SS-18	13 21 20	41	78	21.0					

Continued on next page

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BORING METHOD		SAMPLING METHOD		ABBREVIATIONS	
HSA	- Hollow Stem Auger	SS	- Split Spoon Sample	*	- Hand Penetrometer
SFA	- Solid Flight Auger	ST	- Shelby Tube Sample	LL	- Liquid Limit
RC	- Rock Coring	CR	- Rock Core Sample	PL	- Plastic Limit
MD	- Mud Drilling	BS	- Bag Sample	PI	- Plasticity Index
WD	- Wash Drilling	AC	- Auger Cuttings	DCP	- Dynamic Cone Penetrometer Test
HA	- Hand Auger	SBS	- Subbase Sample		

TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project

BORING NO. : TB- 1
SHEET : 4 OF 4

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
82.5				SS-19	8 13 29	42	100	21.7					
406.5	85.0	Brown, Wet, Medium Dense to Dense, **SANDY GRAVEL** A-1-a, As Lab 3	84.5										
	87.5			SS-20	23 42 50/5"		94	15.0					
	90.0												
	92.5	Gray, Wet, Very Dense to Medium Dense, **SAND** with SILT (Visual)		SS-21	18 31 47	78	67	19.8					
	95.0												
	97.5												
391.0	100.0	**Bottom of Boring at 100.0 feet** Boring backfilled in accordance with INDOT requirements and pavement restored with concrete patch.	100.0	SS-22	12 8 12	20	100	16.8					
	102.5												
	105.0												
	107.5												

CTL ENGINEERING
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BORING METHOD		SAMPLING METHOD		ABBREVIATIONS	
HSA	- Hollow Stem Auger	SS	- Split Spoon Sample	*	- Hand Penetrometer
SFA	- Solid Flight Auger	ST	- Shelby Tube Sample	LL	- Liquid Limit
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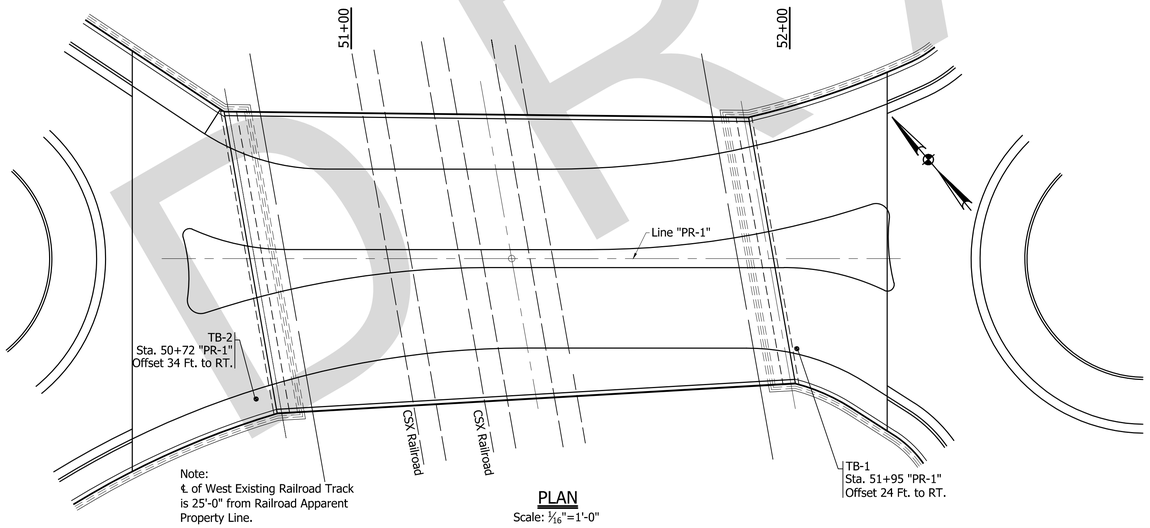
MD	- Mud Drilling	BS	- Bag Sample	PI	- Plasticity Index
WD	- Wash Drilling	AC	- Auger Cuttings	DCP	- Dynamic Cone Penetrometer Test
HA	- Hand Auger	SBS	- Subbase Sample		



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

BORING LOCATION PLAN
Scale: 3/32" = 1'-0"

PILE LOADING FOR GEOTECHNICAL TESTING

SUBSTRUCTURE	BENT NO.1	BENT NO.2
PILE SIZE, TYPE AND GRADE		
*FACTORED DESIGN SOIL RESISTANCE, R_R (KIPS)		
RESISTANCE FACTOR, Φ dyn		
DOWNDRAG LOAD, DD (KIPS)		
MAX. NOMINAL SOIL RESISTANCE, (R_n) (KIPS)		
DOWNDRAG FRICTION, (R_{sdd}) (KIPS)		
SCOUR ZONE FRICTION, ($R_{s\ SCOUR}$)(KIPS)		
RELAXATION IN SHALE (KIPS)		
NOMINAL DRIVING RESISTANCE, (R_{ndr}) (KIPS)		
ESTIMATED PILE TIP ELEVATION*		
TESTING METHOD		

* ESTIMATED PILE TIP ELEVATION WAS BASED ON THE SOIL INFORMATION OBTAINED IN TB-1 AND TB-2.

STANDARD PENETRATION TEST
Driving 2" O.D. Sampler 1'-6" with 140# Hammer falling 30". Count made at 6" intervals. First 6" for seating sampler. "N" is the Sum of the Hammer Blows of the Second and Third 6" intervals of an 1'-6" Drive.

SOIL BORINGS

Notes:
See Sheet 24 for Additional Soil Borings.

The entire Geotechnical Report developed by CTL Engineering, Inc. will be made available to the Contractor upon request.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

INDIANA DEPARTMENT OF TRANSPORTATION

DESIGNED: M. MATEL DRAWN: K. COFFMAN
CHECKED: C. O'BRIEN CHECKED: M. MATEL

SOIL BORINGS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	VIGO 342
VERTICAL SCALE	DESIGNATION
AS NOTED	1900842, 1801932
SURVEY BOOK	SHEET
	23 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project
ROUTE NO. : 13th Street and 8th Ave Railroad Overpass COUNTY : Vigo
LOCATION : Terre Haute, IN
DES NO. : 1900842, 1801932 PROJECT NO: 1900842, 1801932

BORING NO. : TB- 2
SHEET : 1 OF 4
DATE STARTED : 01-18-21
DATE COMPLETED : 01-20-21
CTL PROJECT NO : 19050041IND

Boring Elevation: 491.5 feet
Latitude : 39.484562
Longitude -87.397598

Boring Depth : 100.0 feet
Station : 50+72
Offset : 34.0 feet Rt
Line : "PR-1"

Boring Method : HSA
Rig Type : CME-550 ATV
Casing Diameter : 3.25" I.D.
Core Size : ---

Hammer : Automatic
Hammer Efficiency 90.7
Driller/Inspector : JS/DW
Temperature : 30° F
Weather : Snow

GROUNDWATER: ▽ Encountered at 28.0 feet ▼ At completion Dry ▼ Dry After 24 hours ⊠ Caved in at 14.8 feet

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
491.2		CEMENT CONCRETE (4") (Visual)	0.3										
490.7		SAND (6") (Visual)	0.8										
	2.5	Brown to Dark Brown, Moist, Soft, **SILTY CLAY LOAM** A-4, As Lab 1		SS-1	3 2 3	5	100	24.5					
487.5			4.0	SS-2	2 2 2	4	78	8.5					
	5.0	Brown, Moist, Very Loose, **SAND** A-2-4, As Lab 2		SS-3	3 3 2	5	100	12.6					
482.0	10.0		9.5	SS-4	3 2 2	4	89	6.4					
	12.5												
	15.0	Brown, Moist, Very Loose to Medium Dense, **SANDY GRAVEL** A-1-a, As Lab 3		SS-5	3 2 3	5	100	4.7					
	17.5												
	20.0			SS-6	7 7 10	17	100	4.6					
	22.5												

Continued on next page

BORING METHOD	SAMPLING METHOD	ABBREVIATIONS
HSA - Hollow Stem Auger	SS - Split Spoon Sample	* - Hand Penetrometer
SFA - Solid Flight Auger	ST - Shelby Tube Sample	LL - Liquid Limit
RC - Rock Coring	CR - Rock Core Sample	PL - Plastic Limit
MD - Mud Drilling	BS - Bag Sample	PI - Plasticity Index
WD - Wash Drilling	AC - Auger Cuttings	DCP - Dynamic Cone Penetrometer Test
HA - Hand Auger	SBS - Subbase Sample	

CTL Engineering, Inc.
Phone: 317-295-8650

INDOT_TEST BORING RECORD_LL_SO 19050041IND.GPJ INDOT_DATA TEMPLATE.GDT

TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project

BORING NO. : TB- 2
SHEET : 2 OF 4

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
	25.0	Brown, Moist, Very Loose to Medium Dense, **SANDY GRAVEL** A-1-a, As Lab 3		SS-7	7 9 11	20	33	7.4					
464.5	27.5		27.0										
	30.0			SS-8	7 8 11	19	100	11.6					
	32.5												
	35.0			SS-9	11 7 9	16	67	9.8					
	37.5	Brown, Wet, Medium Dense to Dense, **GRAVELLY SAND** A-1-b, As Lab 4											
	40.0			SS-10	17 12 11	23	100	9.8					
	42.5	Bentonite Slurry injected at 43.5 feet											
	45.0			SS-11	11 8 5	13	33	10.6					
	47.5												
	50.0			SS-12	18 8 8	16	56	9.6					

Continued on next page

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INDOT_TEST BORING RECORD_LL_SO 19050041IND.GPJ INDOT_DATA TEMPLATE.GDT

TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project

BORING NO. : TB- 2
SHEET : 3 OF 4

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
	52.5												
	55.0			SS-13	14 18 18	36	33	17.7					
	57.5	Brown, Wet, Medium Dense to Dense, **GRAVELLY SAND** A-1-b, As Lab 4											
	60.0	Encountered Cobble at 58.5		SS-14	22 18 19	37	0						
429.5	62.5		62.0										
	65.0			SS-15	7 9 18	27	100	8.5					
	67.5												
	70.0	Brown and Gray, Wet, Dense to Medium Dense, **SANDY GRAVEL** A-1-a, As Lab 3		SS-16	12 16 13	29	67	12.9					
	72.5												
	75.0			SS-17	15 20 25	45	16	11.4					
	77.5												
	80.0			SS-18	11 8 8	16	100	12.1					

Continued on next page

CTL Engineering, Inc.
Phone: 317-295-8650

INDOT_TEST BORING RECORD_LL_SO 19050041IND.GPJ INDOT_DATA TEMPLATE.GDT

TEST BORING RECORD

CLIENT : Butler, Fairman & Seufert, Inc.
PROJECT : Grade Separation Project

BORING NO. : TB- 2
SHEET : 4 OF 4

Stratum Elevation	Sample Depth	SOIL/MATERIAL DESCRIPTION	Stratum Depth	Sample Number	SPT per 6"	SPT per 12"	Recovery (%)	Moisture Content (%)	Total Unit Weight (pcf)	Unconfined Compression (ksf)	Atterberg Limits LL	PL	PI
	82.5												
	85.0			SS-19	9 9 11	20	44	12.4					
	87.5												
	90.0	Brown and Gray, Wet, Dense to Medium Dense, **SANDY GRAVEL** A-1-a, As Lab 3		SS-20	13 10 11	21	56	11.1					
	92.5												
	95.0			SS-21	8 11 14	25	100	11.5					
	97.5												
391.5	100.0	**Bottom of Boring at 100.0 feet**	100.0	SS-22	8 10 12	22	89	10.6					
	102.5	Boring backfilled in accordance with INDOT requirements and pavement restored with concrete patch.											
	105.0												
	107.5												

CTL Engineering, Inc.
Phone: 317-295-8650

INDOT_TEST BORING RECORD_LL_SO 19050041IND.GPJ INDOT_DATA TEMPLATE.GDT

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Notes:
See Sheet 23 for Additional Soil Borings.

The entire Geotechnical Report developed by CTL Engineering, Inc. will be made available to the Contractor upon request.

SOIL BORINGS

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

INDIANA DEPARTMENT OF TRANSPORTATION

DESIGNED: M. MATEL DRAWN: K. COFFMAN
CHECKED: C. O'BRIEN CHECKED: M. MATEL

SOIL BORINGS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	VIGO 342
VERTICAL SCALE	DESIGNATION
AS NOTED	1900842, 1801932
SURVEY BOOK	SHEET
	24 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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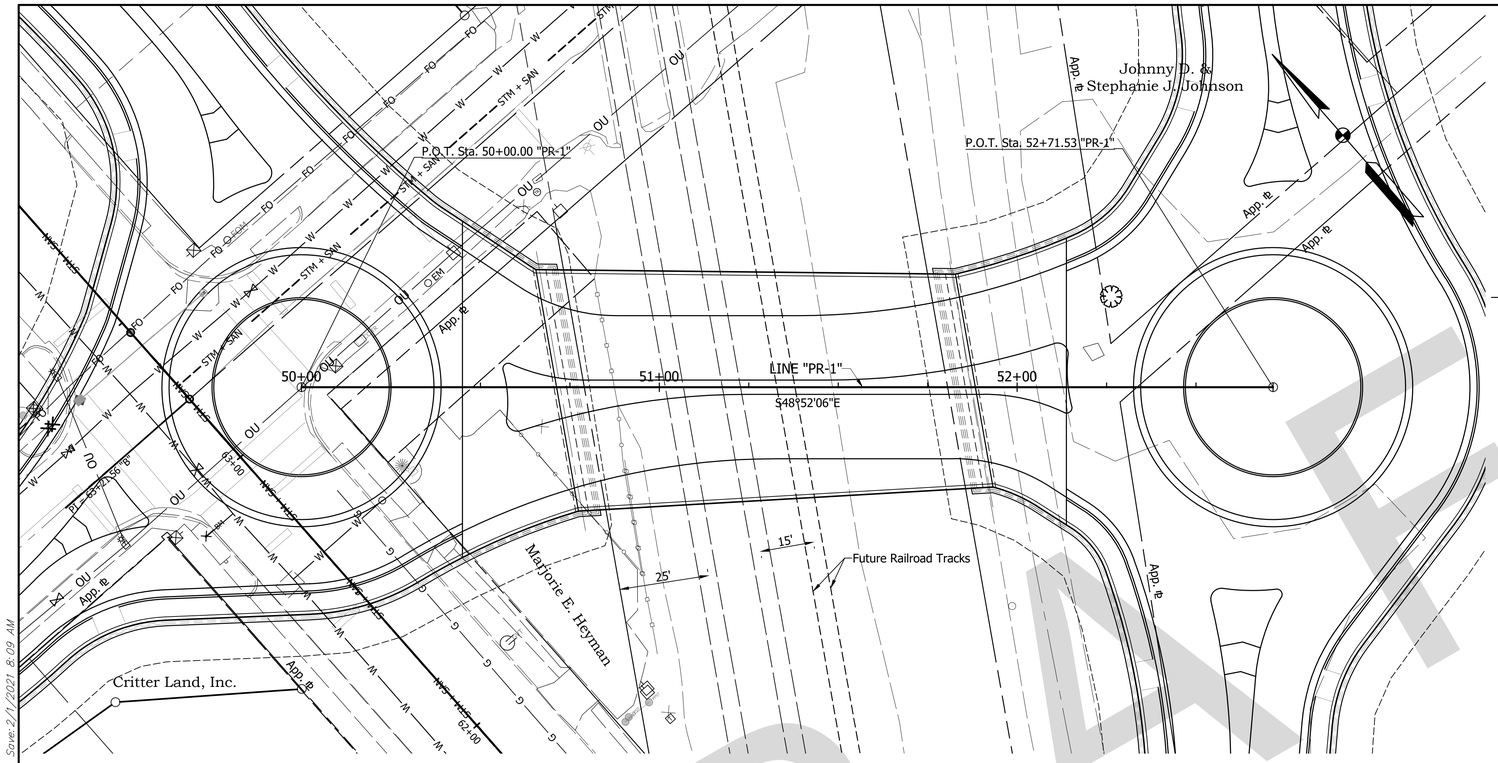
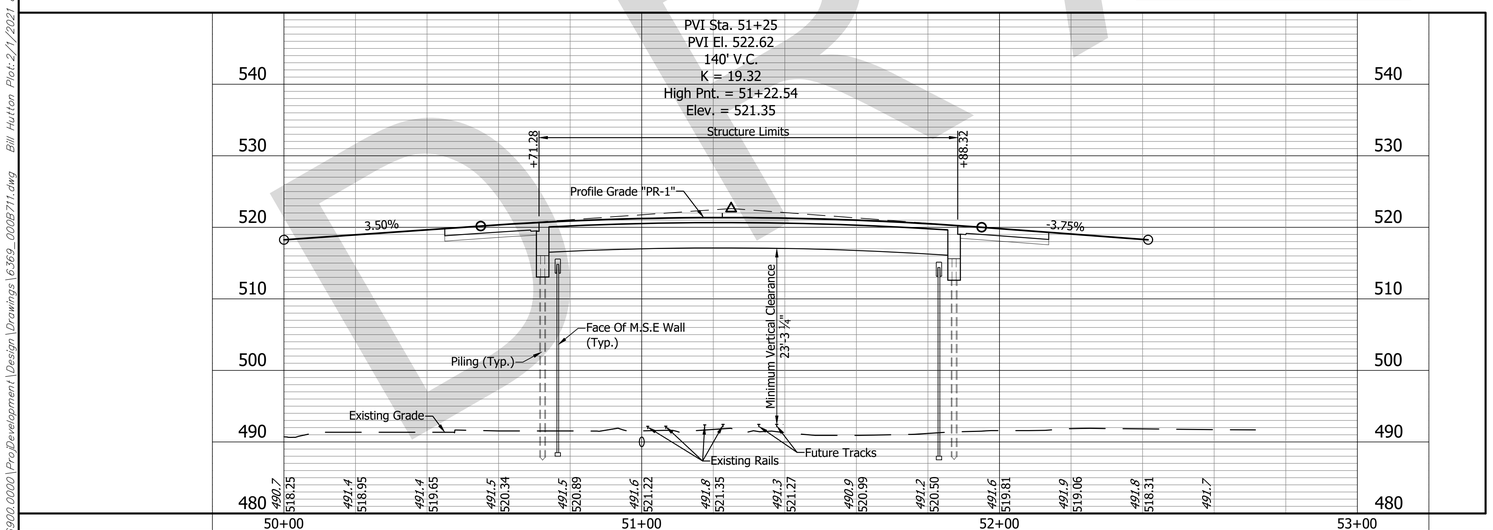


Note: ℄ Of West Existing Railroad Track
Is 25'-0" From Railroad App. Property Line.



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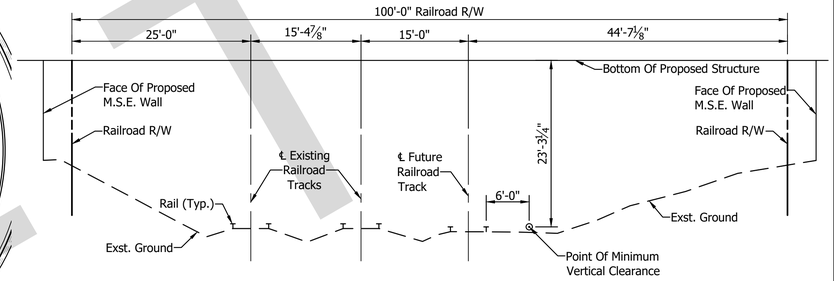

RAILROAD ELEVATION VIEW

Not To Scale

EARTHWORK SUMMARY

COMMON EXCAVATION	Cys.
FILL +25%	Cys.
BORROW	Cys.
AGG. FOR END BENT BACKIFLL	Cys.
FOUNDATION EXCAVATION (Unclassified)	Cys.

COMPOSITE PRESTRESSED CONCRETE
BULB-TEE BRIDGE
1 SPAN @ 115'-0"
CLEAR ROADWAY: 2 @ 18'-0" (Min.); SKEW 10°00'00" LT.
8TH AVENUE OVER CXS RAILROAD
VIGO COUNTY

Note: See Sht. 14 For Additional Information.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

LAYOUT

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 10'	1900842, 1801932
SURVEY BOOK	SHEET
	25 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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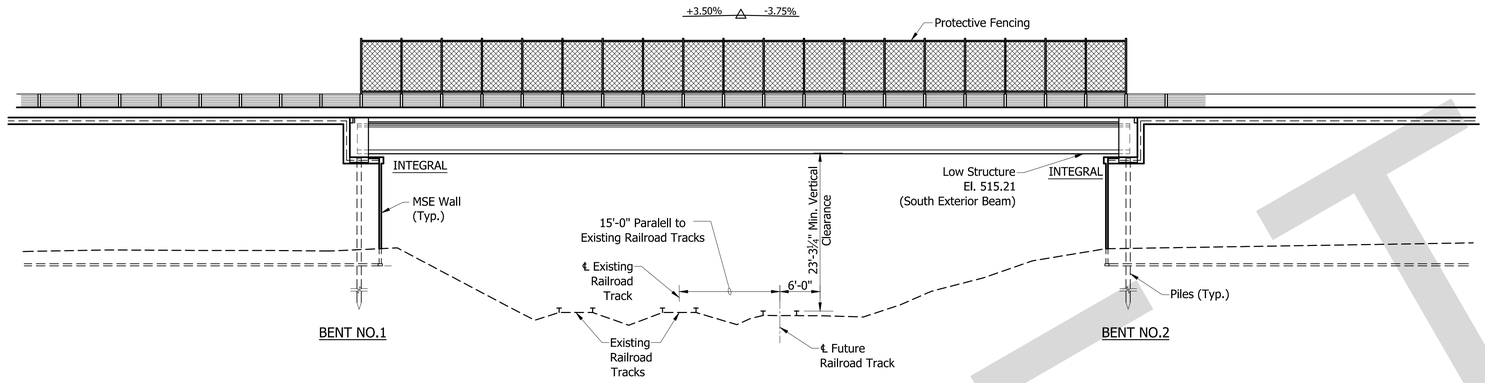
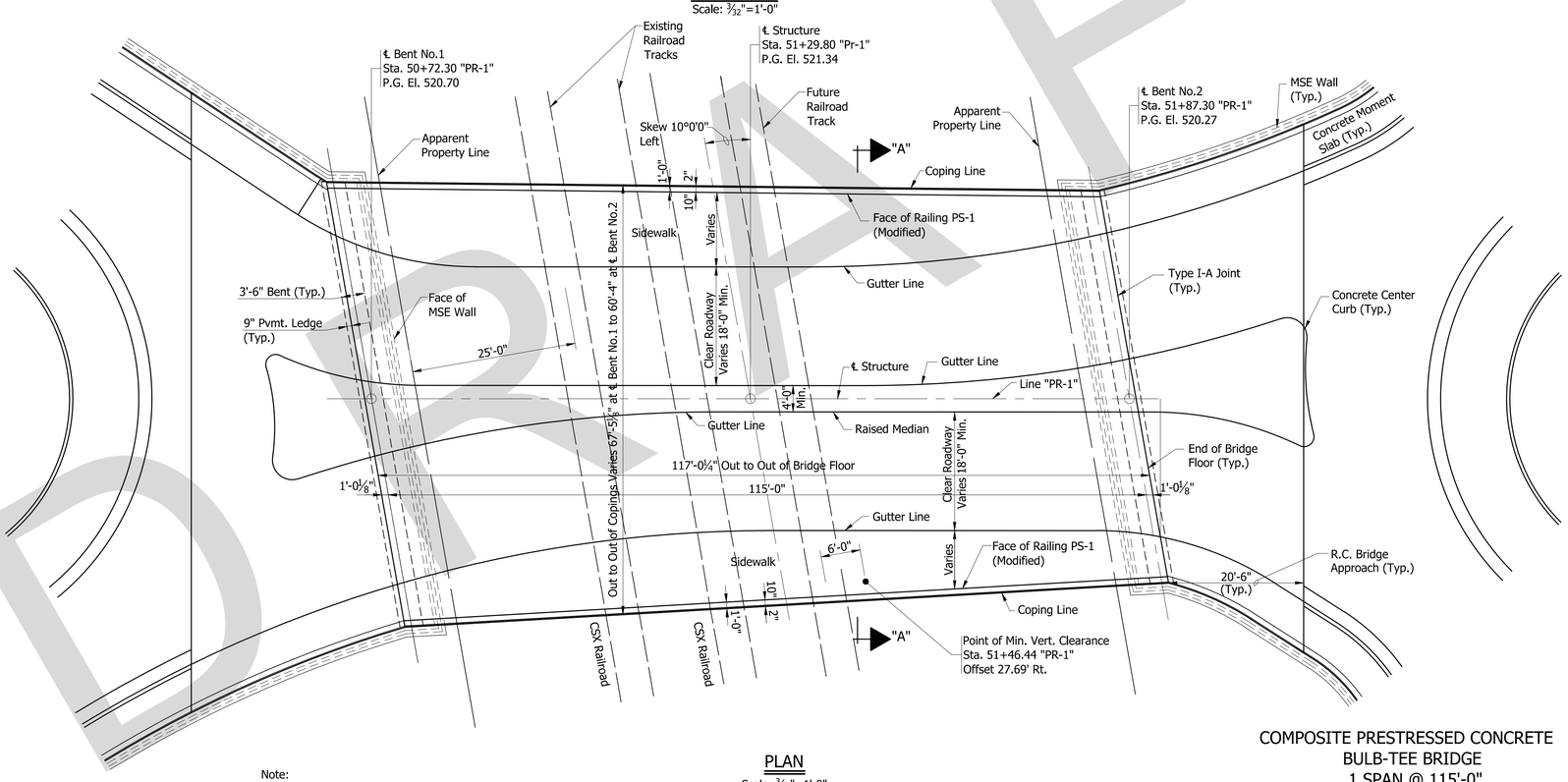
STRUCTURE IS BUILT ON A 140' VERTICAL CURVE



ELEVATION

Scale: $\frac{3}{32}$"=1'-0"



PLAN

Scale: $\frac{3}{32}$"=1'-0"

Note:
℄ of West Existing Railroad Track is 25'-0" from Railroad Apparent Property Line.

NOTE
See Sheet 27 for Section "A-A", General Notes and Design Data.

COMPOSITE PRESTRESSED CONCRETE
BULB-TEE BRIDGE
1 SPAN @ 115'-0"
CLEAR ROADWAY: 2 @ 18'-0" (Min.); SKEW 10°00'00" LT.
8TH AVENUE OVER CXS RAILROAD
VIGO COUNTY

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: M. MATEL DRAWN: D. SHEETZ
CHECKED: C. O'BRIEN CHECKED: M. MATEL

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	VIGO 342
VERTICAL SCALE	DESIGNATION
AS NOTED	1900842, 1801932
SURVEY BOOK	SHEET
	26 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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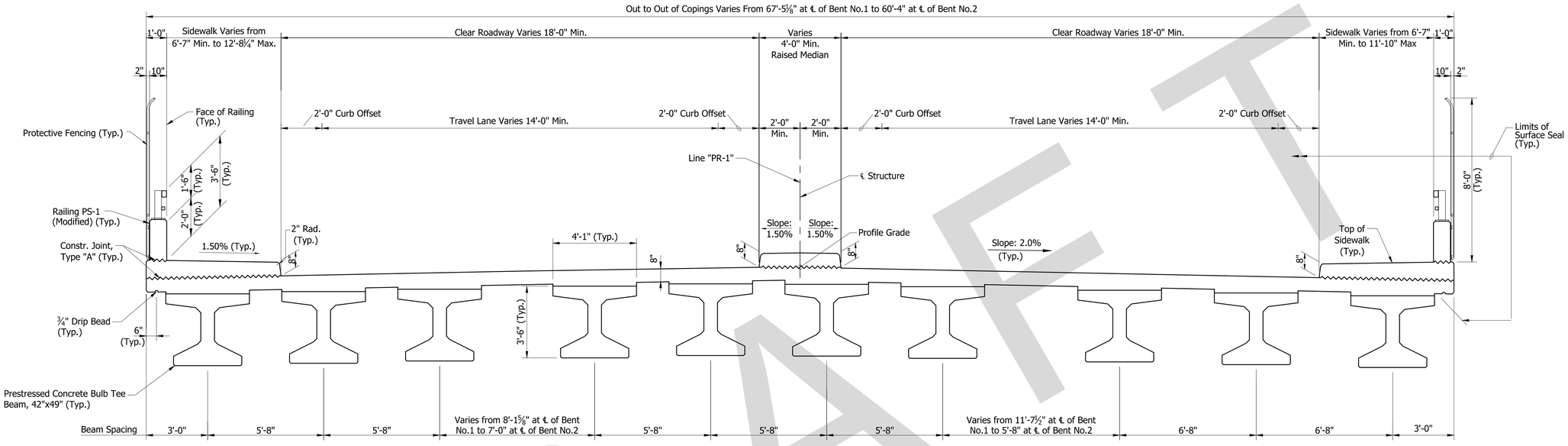

SECTION "A-A"

Scale: ⅜"=1'-0"

GENERAL NOTES

Epoxy coated reinforcing bars shall be required in various portions of the structure as shown.

Reinforcing bars covering shall be 2 ½" in top and 1" in bottom of floor slabs and 2" in all other areas unless noted.

Reinforcing bars covering shall be 2 ½" in top of approach slabs.

Reinforcing bars shall be A.S.T.M. A615, Grade 60.

Concrete shall be Class C in end bents and floor slab.

Concrete shall be Class A in all portions of the project not noted above.

Chamfer exposed corners of concrete 1" unless noted.

Surface seal shall be required on various areas of the structure as shown. Estimated quantity = ____ Sft.

SEAT ELEVATIONS

All bridge seat elevations were calculated using design camber of beams, dead load deflection of slab and, where applicable, an allowance for Profile Grade Vertical curve and beam notches so that the top of beam will be 3/4" minimum below the bottom of slab at the center of span unless otherwise noted on the floor details.

Fillet depth to vary along length of beam to compensate for residual camber of beams, beam notches and Profile Grade Vertical Curve. Actual cambers which are greater or less than design cambers will be accounted for by reducing or increasing the fillets. The beams shall not extend into the slab more than 1".

DESIGN DATA

LIVE LOAD:

Superstructure and substructure designed for HL-93 loading, in accordance with the AASHTO LRFD Bridge Design Specifications, 8th Edition, 2017 and its subsequent revisions.

DEAD LOAD:

Actual plus 35 pounds per square foot (composite) for future wearing surface.

FLOOR SLAB:

Designed with the AASHTO Strip Method using a structural depth of 7½" and a ½" wearing surface.

DESIGN STRESSES

MATERIAL DESIGN STRENGTHS:

Class "C" Concrete	F'c = 4,000 p.s.i.
Class "A" Concrete	F'c = 3,500 p.s.i.
Reinforcing Steel (Grade 60)	Fy = 60,000 p.s.i.

SEISMIC DESIGN DATA:

Seismic Zone Design Category ___
S_{D1} = ____
Site Class ____

CONSTRUCTION LOADING

The exterior girder has been checked for strength, deflection and overturning using the construction loads shown below. Cantilever overhang brackets were assumed for support of the deck overhang past the edge of the exterior girder. The finishing machine was assumed to be supported 6 inches outside the vertical coping form. The top overhang brackets were assumed to be located 6 inches past the edge of the vertical coping form. The bottom overhang brackets were assumed to be braced against the intersection of the girder bottom flange and web.

DECK FALSEWORK LOADS:

Designed for 15 psf for permanent metal stay-in-place deck forms, removable deck forms, and 2 ft exterior walkway.

CONSTRUCTION LIVE LOAD:

Designed for 20 psf extending 2 ft past the edge of coping and 75 plf vertical force applied at a distance of 6 inches outside the face of coping over a 30 ft length of the deck with the finishing machine.

FINISHING MACHINE LOAD:

4500 lbs. distributed over 10 feet along the coping.

WIND LOAD:

Designed for 70 mph horizontal wind loading in accordance with LRFD 3.8.1.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: M. MATEL DRAWN: D. SHEETZ

CHECKED: C. O'BRIEN CHECKED: M. MATEL

INDIANA DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	VIGO 342
VERTICAL SCALE	DESIGNATION
AS NOTED	1900842, 1801932
SURVEY BOOK	SHEET
	27 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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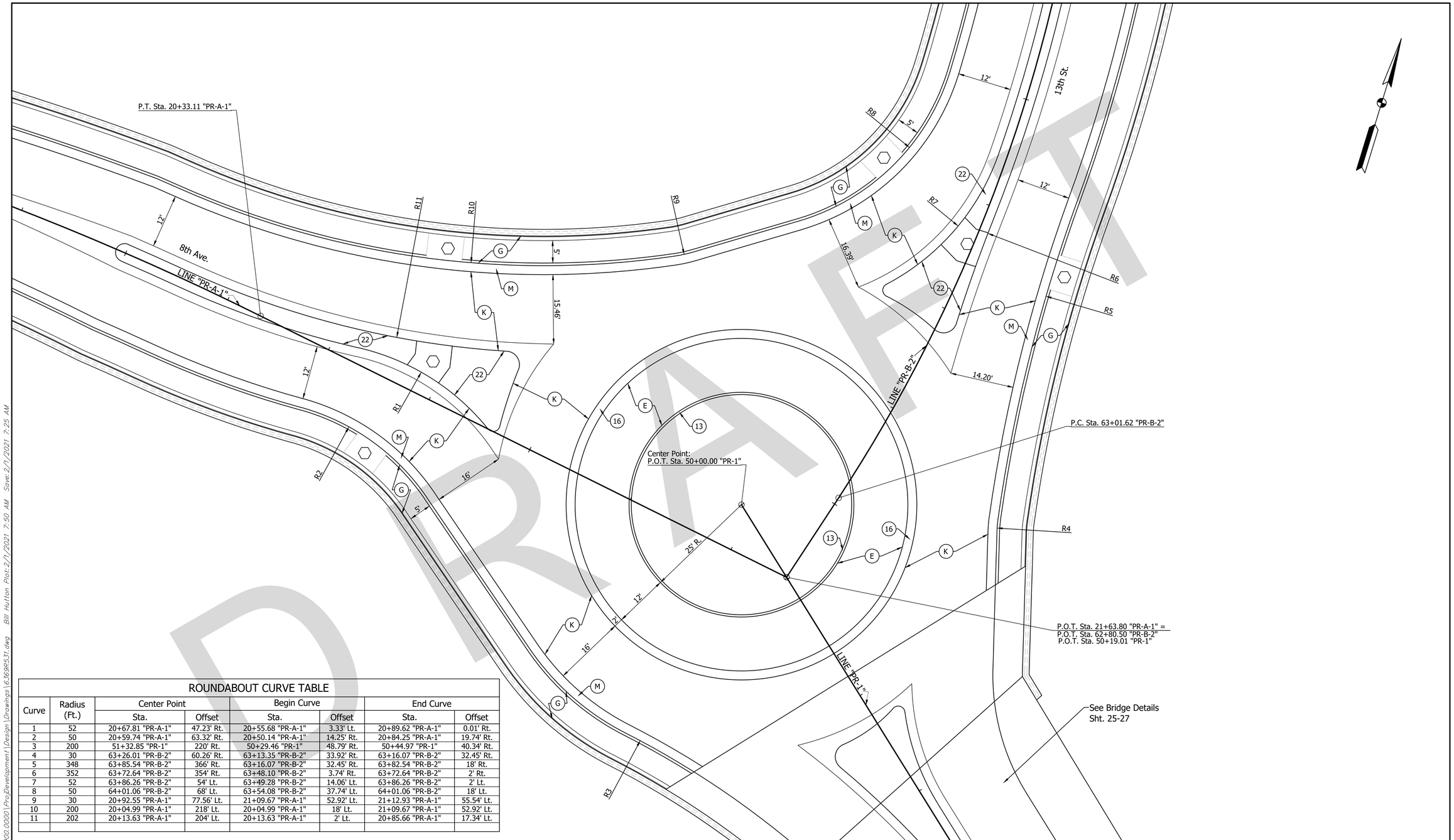

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ROUNDABOUT CURVE TABLE

Curve	Radius (Ft.)	Center Point		Begin Curve		End Curve	
		Sta.	Offset	Sta.	Offset	Sta.	Offset
1	52	20+67.81 "PR-A-1"	47.23' Rt.	20+55.68 "PR-A-1"	3.33' Lt.	20+89.62 "PR-A-1"	0.01' Rt.
2	50	20+59.74 "PR-A-1"	63.32' Rt.	20+50.14 "PR-A-1"	14.25' Rt.	20+84.25 "PR-A-1"	19.74' Rt.
3	200	51+32.85 "PR-1"	220' Rt.	50+29.46 "PR-1"	48.79' Rt.	50+44.97 "PR-1"	40.34' Rt.
4	30	63+26.01 "PR-B-2"	60.26' Rt.	63+13.35 "PR-B-2"	33.92' Rt.	63+16.07 "PR-B-2"	32.45' Rt.
5	348	63+85.54 "PR-B-2"	366' Rt.	63+16.07 "PR-B-2"	32.45' Rt.	63+82.54 "PR-B-2"	18' Rt.
6	352	63+72.64 "PR-B-2"	354' Rt.	63+48.10 "PR-B-2"	3.74' Rt.	63+72.64 "PR-B-2"	2' Rt.
7	52	63+86.26 "PR-B-2"	54' Lt.	63+49.28 "PR-B-2"	14.06' Lt.	63+86.26 "PR-B-2"	2' Lt.
8	50	64+01.06 "PR-B-2"	68' Lt.	63+54.08 "PR-B-2"	37.74' Lt.	64+01.06 "PR-B-2"	18' Lt.
9	30	20+92.55 "PR-A-1"	77.56' Lt.	21+09.67 "PR-A-1"	52.92' Lt.	21+12.93 "PR-A-1"	55.54' Lt.
10	200	20+04.99 "PR-A-1"	218' Lt.	20+04.99 "PR-A-1"	18' Lt.	21+09.67 "PR-A-1"	52.92' Lt.
11	202	20+13.63 "PR-A-1"	204' Lt.	20+13.63 "PR-A-1"	2' Lt.	20+85.66 "PR-A-1"	17.34' Lt.

LEGEND

- (E) Concrete Truck Apron (See Typicals)
- (G) Concrete 'C', Superstructure
- (K) HMA Pavement (See Typicals)
- (M) 12" Concrete Moment Slab
- (13) Integral Concrete Curb
- (16) 2' Inverted Roll Curb & Gutter
- (22) Conc. Center Curb, Type 'D'
- Conc. Curb Ramp (See Sht.)

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT CONSTRUCTION DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932
SURVEY BOOK	SHEET
	28 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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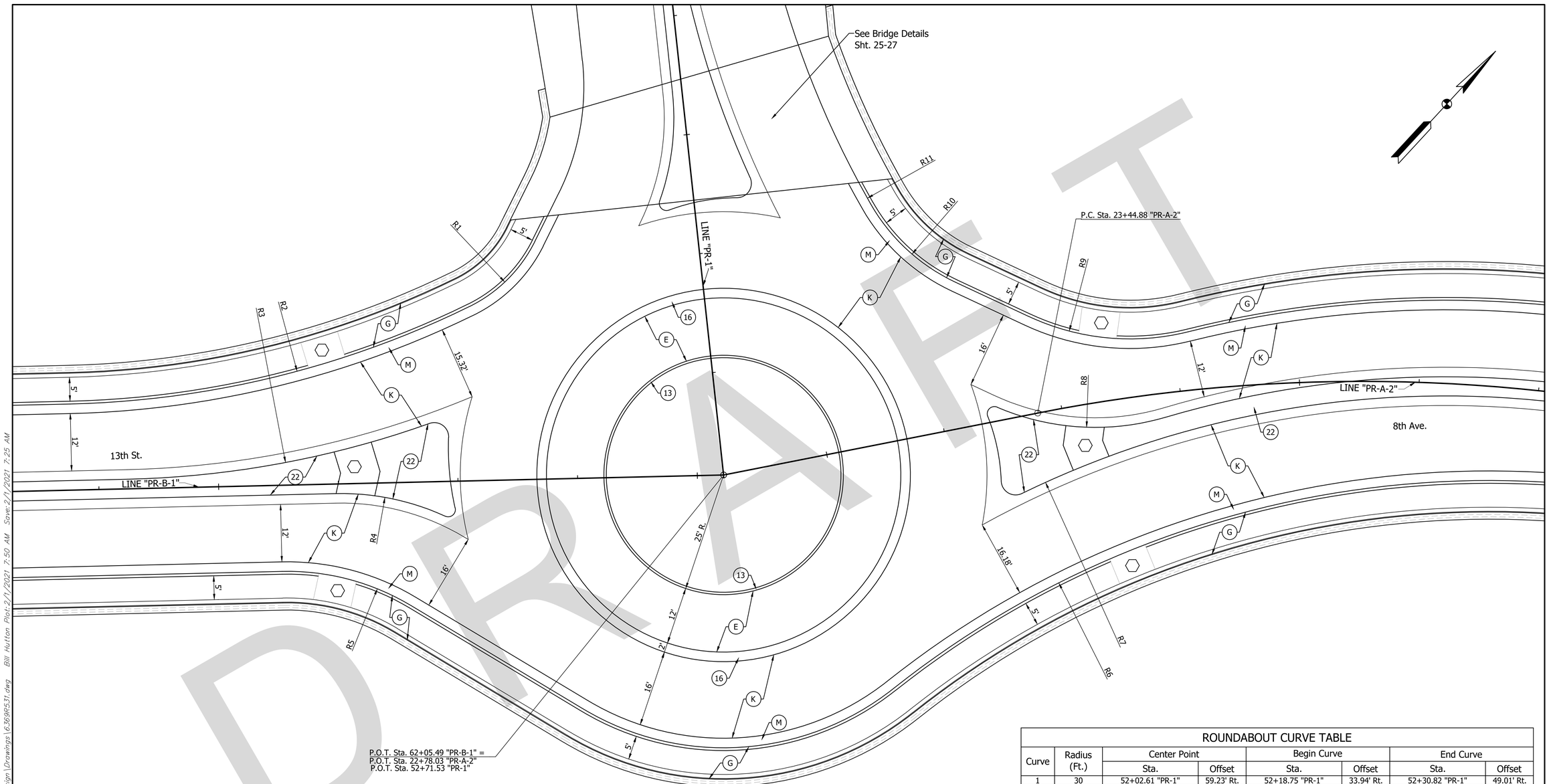

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ROUNDABOUT CURVE TABLE

Curve	Radius (Ft.)	Center Point		Begin Curve		End Curve	
		Sta.	Offset	Sta.	Offset	Sta.	Offset
1	30	52+02.61 "PR-1"	59.23' Rt.	52+18.75 "PR-1"	33.94' Rt.	52+30.82 "PR-1"	49.01' Rt.
2	200	60+69.39 "PR-B-1"	218' Lt.	60+69.39 "PR-B-1"	18' Lt.	61+53.22 "PR-B-1"	36.42' Lt.
3	202	60+80.97 "PR-B-1"	204' Lt.	60+80.97 "PR-B-1"	2' Lt.	61+44.31 "PR-B-1"	12.19' Lt.
4	52	61+24.39 "PR-B-1"	54' Rt.	61+24.39 "PR-B-1"	2' Rt.	61+47.15 "PR-B-1"	7.25' Rt.
5	50	61+12.85 "PR-B-1"	68' Rt.	61+12.85 "PR-B-1"	18' Rt.	61+39.58 "PR-B-1"	25.75' Rt.
6	200	24+84.13 "PR-A-2"	218' Rt.	23+04.20 "PR-A-2"	50.64' Rt.	24+84.13 "PR-A-2"	18' Rt.
7	202	24+54.85 "PR-A-2"	204' Rt.	23+38.39 "PR-A-2"	15.85' Rt.	24+54.85 "PR-A-2"	2' Rt.
8	52	23+63.71 "PR-A-2"	46.33' Lt.	23+36.84 "PR-A-2"	2.82' Lt.	23+71.40 "PR-A-2"	5.04' Rt.
9	50	23+71.78 "PR-A-2"	61.73' Lt.	23+46.84 "PR-A-2"	20.18' Lt.	23+77.88 "PR-A-2"	12.19' Lt.
10	40	52+02.53 "PR-1"	73.29' Lt.	52+18.50 "PR-1"	34.62' Lt.	52+36.74 "PR-1"	52.55' Lt.
11	200	51+38.68 "PR-1"	220' Lt.	52+13.77 "PR-1"	34.63' Lt.	52+18.50 "PR-1"	36.62' Lt.

LEGEND

- (E) Concrete Truck Apron (See Typicals)
- (G) Concrete 'C', Superstructure
- (K) HMA Pavement (See Typicals)
- (M) 12" Concrete Moment Slab
- (13) Integral Concrete Curb
- (16) 2' Inverted Roll Curb & Gutter
- (22) Conc. Center Curb, Type 'D'
- Conc. Curb Ramp (See Sht.)

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

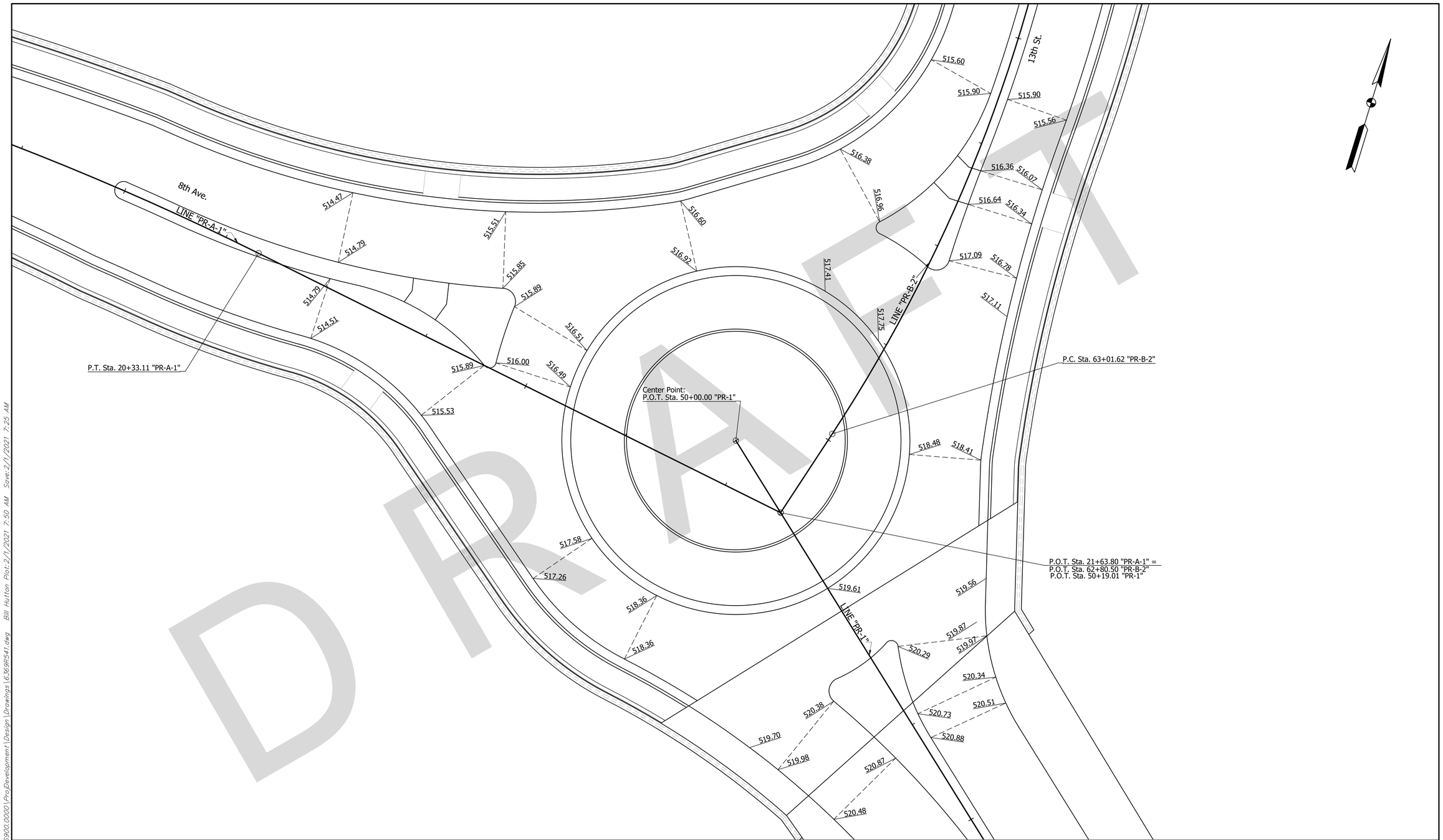
INDIANA
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT CONSTRUCTION DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932
SURVEY BOOK	SHEET 29 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

\\bfsnt241\Jobs5\636900.0000\ProjDevelopment\Design\Drawings\6369R531.dwg Bill Hutton Plot:2/1/2021 7:50 AM Save:2/1/2021 7:25 AM



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RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 10'	BRIDGE FILE: VIGO 342
		VERTICAL SCALE: N/A	DESIGNATION: 1900842, 1801932
DESIGNED: TDW DRAWN: BEH	ROUNDABOUT SPOT ELEVATIONS	SURVEY BOOK	SHEET: 30 OF 71
CHECKED: ACE CHECKED: TDW		CONTRACT: B-41843	PROJECT: 1900842, 1801932

BFS NO. 6369

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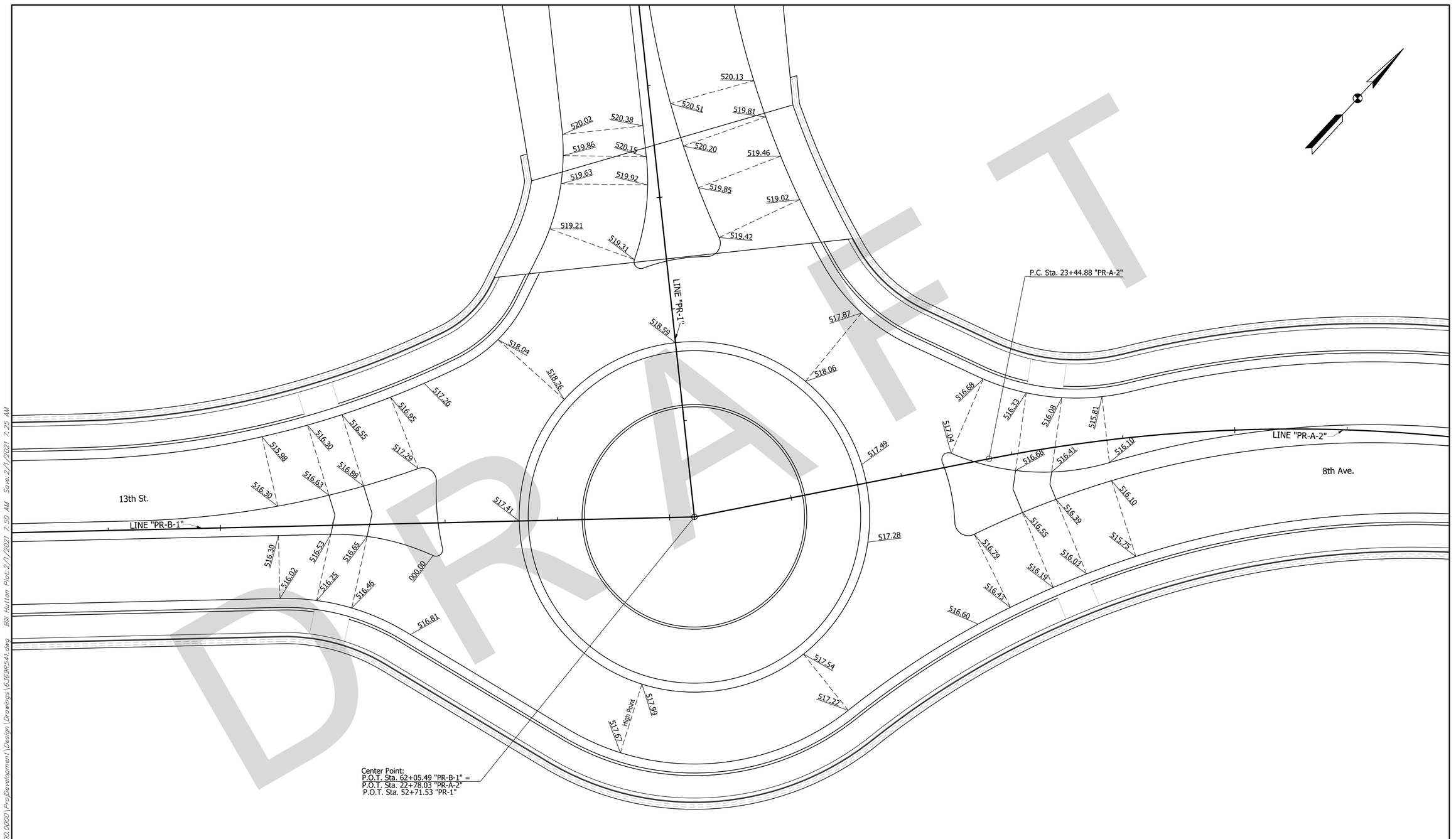

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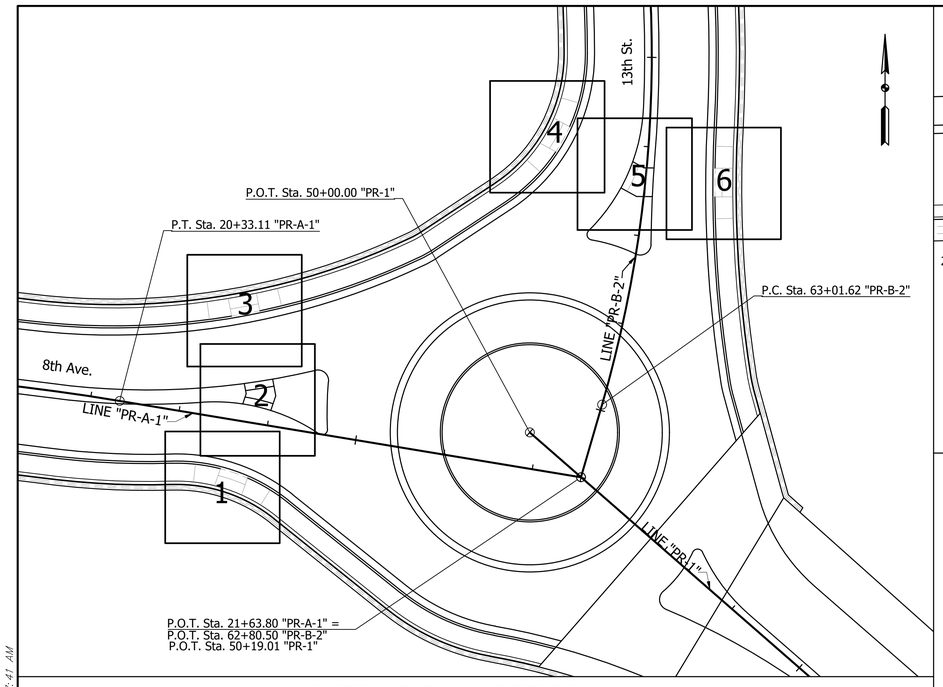
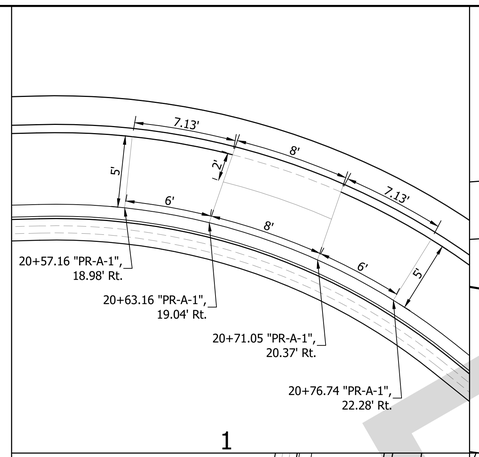
RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE VIGO 342
		VERTICAL SCALE N/A	DESIGNATION 1900842, 1801932
DESIGNED: TDW DRAWN: BEH	ROUNDABOUT SPOT ELEVATIONS	SURVEY BOOK	SHEET 31 OF 71
CHECKED: ACE CHECKED: TDW		CONTRACT B-41843	PROJECT 1900842, 1801932

BFS NO. 6369



LOCATION KEY FOR RAMP DETAILS
1" = 20'



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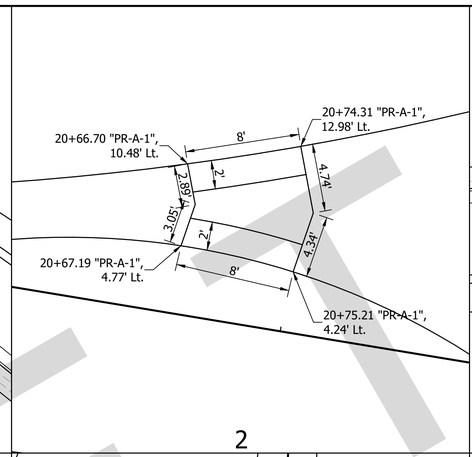

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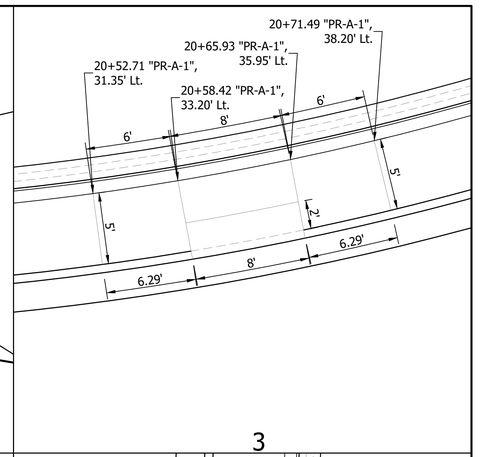

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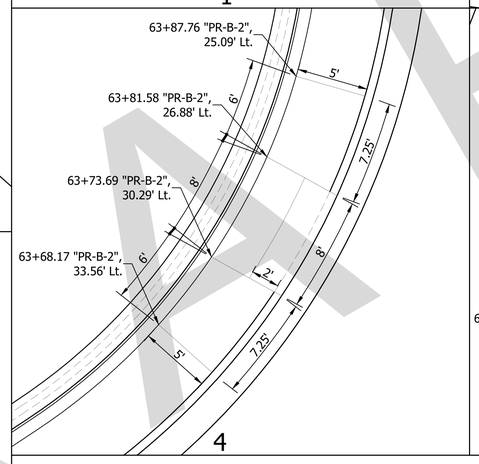

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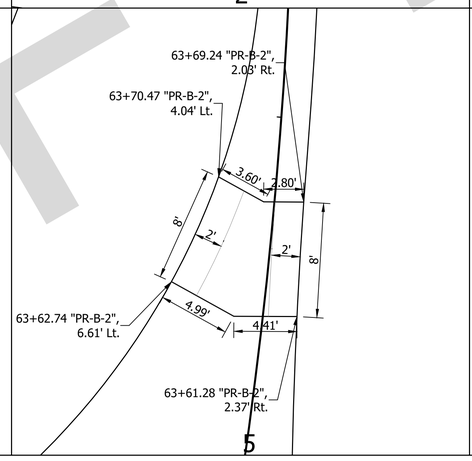

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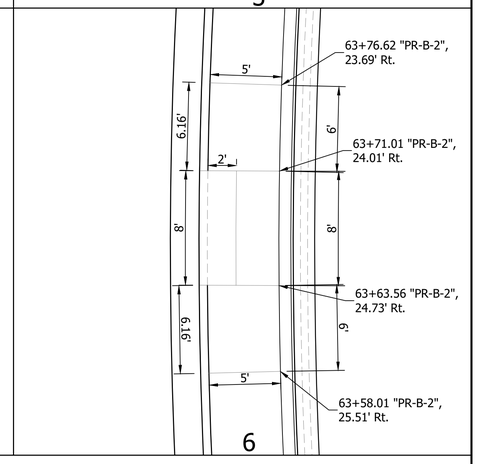

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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5' UNLESS NOTED	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932
SURVEY BOOK	SHEET
	32 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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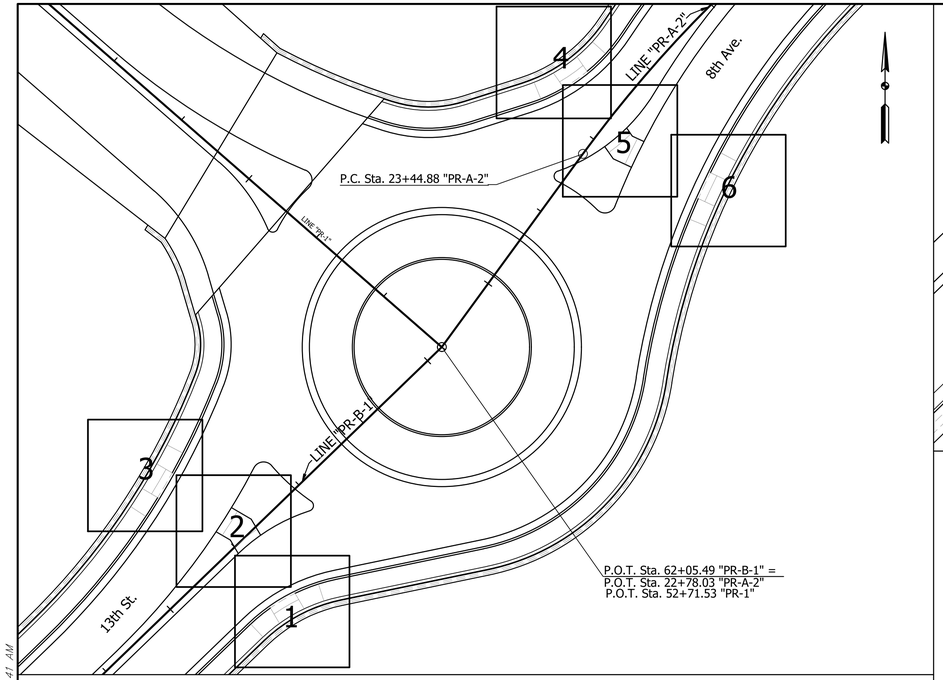
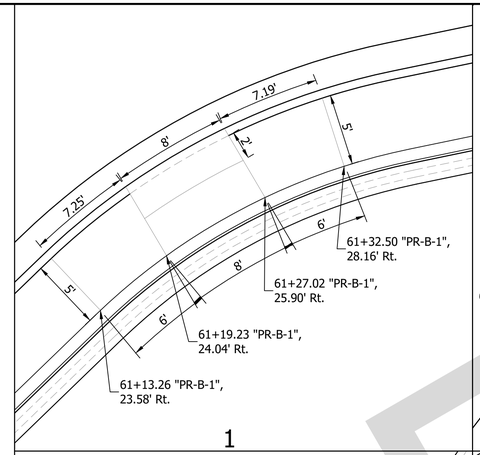


LOCATION KEY FOR RAMP DETAILS

1" = 20'



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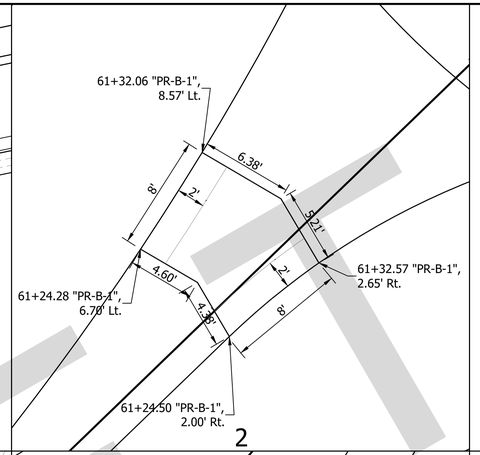

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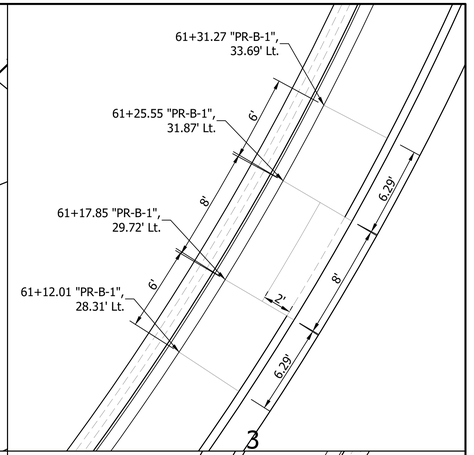

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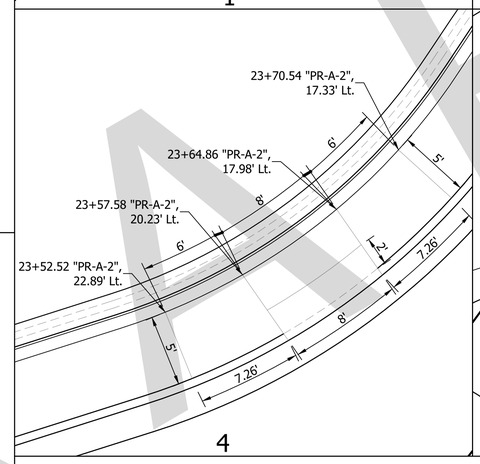

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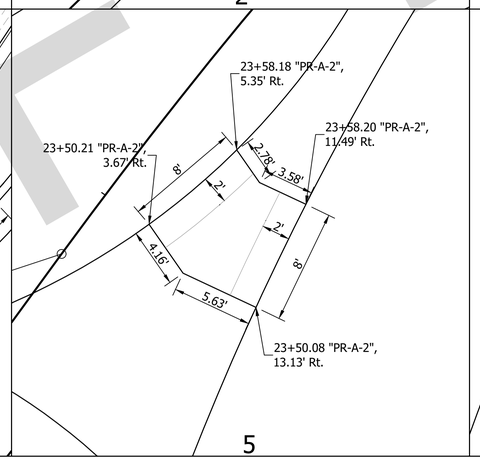

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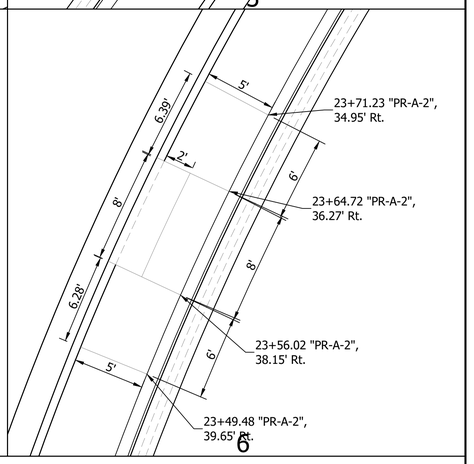

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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5' UNLESS NOTED	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932
SURVEY BOOK	SHEET
	33 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	SURFACE BEYOND R/W LINE			GRADE		EXCAVATION		HMA FOR APPROACHES/PATH					QC/QA HMA MATERIAL FOR MAINLINE						HMA FOR TEMP. PAVEMENT				SUBGRADE TREATMENT TYPE IB	SUBGRADE TREATMENT TYPE II	SUBGRADE TREATMENT TYPE III	ASPHALT MATERIAL FOR		COMPACTED AGGREGATE FOR BASE NO. 53		D-1 CONTRACTION JOINTS	PCCP, 7.5 IN	PCCP FOR APPROACHES 9 IN.	2'-7" COMBINED CONCRETE CURB & GUTTER	2'-0" COMBINED CONCRETE CURB & GUTTER	2'-0" INVERTED COMBINED CONCRETE CURB & GUTTER	2'-0" CONCRETE ROLL CURB & GUTTER	CONCRETE CURB	REMARKS
					COMPACTED AGGREGATE BASE	HMA	CONCRETE					HMA TYPE "A" FOR APPROACH		HMA TYPE "A" SURFACE	HMA TYPE "A" INTERMEDIATE	HMA FOR ISLANDS TYPE "A"	2, 70, SURFACE 12.5mm	2, 70, INTERMEDIATE 19.0mm	3, 76, BASE 25.0mm	3, 76, BASE 25.0mm	5, 76, INTERMEDIATE C19.0mm		HMA TYPE "B"	HMA TYPE "B"	HMA TYPE "A"	HMA TYPE "A"				PRIME COAT	TACK COAT	DEPTH									
												LBS. PER SYD.					LBS. PER SYD.						LBS. PER SYD.									6 IN.								
		FEET	FEET	FEET				1 %	2 %	CUT CYS.	FILL CYS.	110 TONS	330 TONS	220 TONS	275 TONS	110 TONS	220 TONS	275 TONS	275 TONS	330 TONS	220 TONS	110 TONS	440 TONS	440 TONS	330 TONS	220 TONS	SYS.	SYS.	SYS.	TONS	TONS	SYS.	SYS.	LFT	SYS	SYS.	LFT	LFT	LFT	LFT	LFT	
Line "PR-1"																																								
Line "PR-A-1"																																								
15+73 Lt.	M.P.R.A.	10																																						
Line "PR-A-2"																																								
27+82 Lt.	M.P.R.A.	26																																						
27+82 Rt.	M.P.R.A.	39																																						
28+61 Rt.	Cl. III Dr.	19																																						
28+65 Lt.	Cl. I Dr.	15																																						
Line "PR-B-1"																																								
55+99 Lt.	Cl. I Dr.	24																																						
56+60 Lt.	M.P.R.A.	26																																						
56+60 Rt.	M.P.R.A.	22																																						
Line "PR-B-2"																																								

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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932

SURVEY BOOK	SHEET
	34 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	FLOWLINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCUTRE BACKFILL	PAVEMENT REPLACEMENT, HMA	PIPE END SECTION	REVETMENT RIPRAP	GEOTEXTILE	GRATED BOX END SECTION		SAFETY METAL END SECTION		RIM ELEVATION	CONNECT TO STRUCTURE	REMARKS
	STATION	LEFT	RIGHT	CROSS						COVER	UP STREAM	DOWN STREAM																
					IN.			FEET		FEET	ELEV.	ELEV.	YEAR				CYS.	TONS	EA.	TONS	SYS.	TYPE	EA.	SLOPE	EA.			
	Line "PR-A-1"																											
10	15+25.00	X					Inlet, Type B-15																					
11	15+25.00		X				Inlet, Type B-15																					
12	15+35.00	X					Inlet, Type C-15																					
13	15+35.00	X					Manhole, Type C-4																					
14	15+35.00		X				Inlet, Type C-15																					
15	15+95.00	X					Inlet, Type B-15																					
16	15+95.00	X					Manhole, Type C-4																					
17	15+95.00		X				Inlet, Type B-15																					
18	17+50.00	X					Inlet, Type B-15																					
19	17+50.00	X					Manhole, Type C-4																					
20	17+50.00		X				Inlet, Type B-15																					
21	19+00.00	X					Inlet, Type B-15																					
22	19+00.00	X					Manhole, Type C-4																					
23	19+00.00		X				Inlet, Type B-15																					
24	20+73.00	X					Inlet, Type B-15																					
25	20+76.00	X					Manhole, Type C-4																					
26	20+76.00		X				Inlet, Type B-15																					
	Line "PR-A-2"																											
27	23+50.00	X					Inlet, Type B-15																					
28	23+50.00		X				Manhole, Type C-4																					
29	23+50.00		X				Inlet, Type B-15																					
30	26+00.00	X					Inlet, Type B-15																					
31	26+00.00		X				Manhole, Type C-4																					
32	26+00.00		X				Inlet, Type B-15																					
33	27+40.00	X					Inlet, Type B-15																					
34	27+40.00		X				Manhole, Type C-4																					
35	27+40.00		X				Inlet, Type B-15																					
36	28+25.00	X					Inlet, Type B-15																					
37	28+25.00		X				Manhole, Type C-4																					
38	28+25.00		X				Inlet, Type B-15																					
39	28+95.00	X					Inlet, Type B-15																					
40	28+95.00		X				Manhole, Type C-4																					
41	28+95.00		X				Inlet, Type B-15																					
	Line "PR-B-1"																											
42	55+70.00	X					Inlet, Type B-15																					
43	55+70.00		X				Manhole, Type C-4																					
44	55+70.00		X				Inlet, Type B-15																					
45	56+22.00	X					Inlet, Type B-15																					
46	56+22.00		X				Manhole, Type C-4																					
47	56+22.00		X				Inlet, Type B-15																					
48	57+00.00	X					Inlet, Type B-15																					
49	57+00.00		X				Manhole, Type C-4																					
50	57+00.00		X				Inlet, Type B-15																					
51	57+75.00	X					Inlet, Type B-15																					
52	57+75.00		X				Manhole, Type C-4																					
53	57+75.00		X				Inlet, Type B-15																					
54	58+50.00	X					Inlet, Type B-15																					
55	58+50.00		X				Manhole, Type C-4																					
56	58+50.00		X				Inlet, Type B-15																					
57	59+75.00		X				Manhole, Type C-4																					
58	61+32.00	X					Inlet, Type B-15																					
59	61+35.00		X				Manhole, Type C-4																					
60	61+35.00		X				Inlet, Type B-15																					
	Line "PR-B-2"																											
61	63+59.00		X				Inlet, Type B-15																					
62	63+64.00	X					Manhole, Type C-4																					
63	63+67.00	X					Inlet, Type B-15																					

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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932
SURVEY BOOK	SHEET
	35 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	FLOWLINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCUTRE BACKFILL	PAVEMENT REPLACEMENT, HMA	PIPE END SECTION	REVETMENT RIPRAP	GEOTEXTILE	GRATED BOX END SECTION		SAFETY METAL END SECTION		RIM ELEVATION	CONNECT TO STRUCTURE	REMARKS
	STATION	LEFT	RIGHT	CROSS						COVER	UP STREAM	DOWN STREAM																
					IN.			FEET		FEET	ELEV.	ELEV.	YEAR				CYS.	TONS	EA.	TONS	SYS.	TYPE	EA.	SLOPE	EA.			
	Line "PR-B-2"																											
64	66+75.00	X					Inlet, Type B-15																					
65	66+75.00	X					Manhole, Type C-4																					
66	66+75.00		X				Inlet, Type B-15																					
67	68+00.00	X					Inlet, Type B-15																					
68	68+00.00	X					Manhole, Type C-4																					
69	68+00.00		X				Inlet, Type B-15																					
70	68+50.00	X					Inlet, Type B-15																					
71	68+50.00	X					Manhole, Type C-4																					
72	68+50.00		X				Inlet, Type B-15																					
73	68+79.00	X					Inlet, Type C-15																					
74	68+79.00	X					Manhole, Type C-4																					
75	68+79.00		X				Inlet, Type C-15																					
76	68+89.00	X					Inlet, Type B-15																					
77	68+89.00		X				Inlet, Type B-15																					
78	69+00.00			X			Manhole, Type C-4																					
100	56+40.00 "B"	X					Manhole, Type L-4, Sanitary																					
101	56+62.20 "B"		X				Manhole, Type L-4, Sanitary																					
102	58+05.00 "B"		X				Manhole, Type L-4, Sanitary																					
103	58+85.00 "B"		X				Manhole, Type L-4, Sanitary																					
104	60+25.00 "B"		X				Manhole, Type L-4, Sanitary																					
105	60+55.00 "B"		X				Manhole, Type L-4, Sanitary																					
106	24+70.0 "A"		X				Manhole, Type L-4, Sanitary																					
107	26+00.00 "A"		X				Manhole, Type J-4, Sanitary																					
108	27+80.00 "A"		X				Manhole, Type J-4, Sanitary																					
109	27+79.80 "A"	X					Manhole, Type J-4, Sanitary																					
110	27+80.00 "A"	X					Manhole, Type J-4, Sanitary																					
111	23+50.00 "A"		X				Manhole, Type K-4, Sanitary																					
112	22+35.00 "A"	X					Manhole, Type K-4, Sanitary																					
113	64+75.00 "B"		X				Manhole, Type K-4, Sanitary																					
114	66+85.30 "B"		X				Manhole, Type K-4, Sanitary																					
115	67+10.00 "B"	X					Manhole, Type L-4, Sanitary																					
116	59+90.20 "B"	X					Manhole, Type C-4, Sanitary																					
117	24+70.00 "A"	X					Manhole, Type C-4, Sanitary																					
118	16+39.30 "A"	X					Manhole, Type C-4, Sanitary																					
119	13+39.00 "A"	X					Manhole, Type C-4, Sanitary																					
120	17+54.20 "A"	X					Manhole, Type C-4, Sanitary																					
121	16+44.50 "A"		X				Manhole, Type C-4, Sanitary																					
122	19+24.50 "A"		X				Manhole, Type C-4, Sanitary																					

DRAFT

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: ACE CHECKED: TDW

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
NONE	VIGO 342
VERTICAL SCALE	DESIGNATION
N/A	1900842, 1801932

SURVEY BOOK	SHEET
	36 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

15+20

P.G. 489.60

15+00

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

500 495 490 485 480

DRAFT

Plot: 2/1/2021 7:53 AM Save: 1/29/2021 7:16 AM Bill Hutton
\\dfsn1241\Jobs5\36900.0000\ProjDevelopment\Design\Drawings\Data Rel\6369-RAB-Design.dwg

	CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5'	BRIDGE FILE: VIGO 342
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	VERTICAL SCALE: 1" = 5'	DESIGNATION: 1900842, 1801932
			SURVEY BOOK	SHEET: 37 OF 71
			CONTRACT: B-41843	PROJECT: 1900842, 1801932

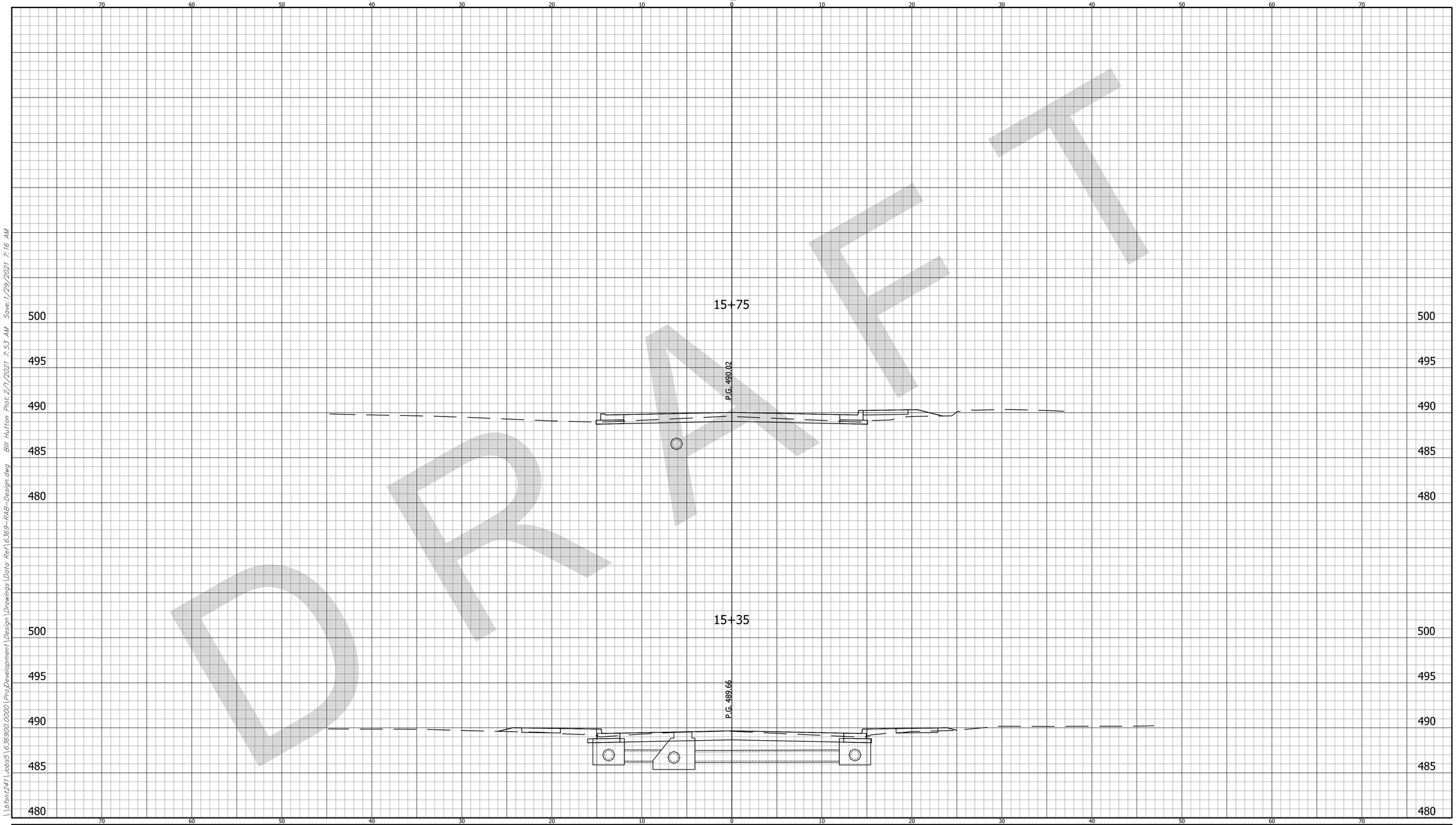
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT FILL



DRAFT

	CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932	6369
	DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 38 OF 71 CONTRACT: B-41843 / PROJECT: 1900842, 1801932	BFS NO.

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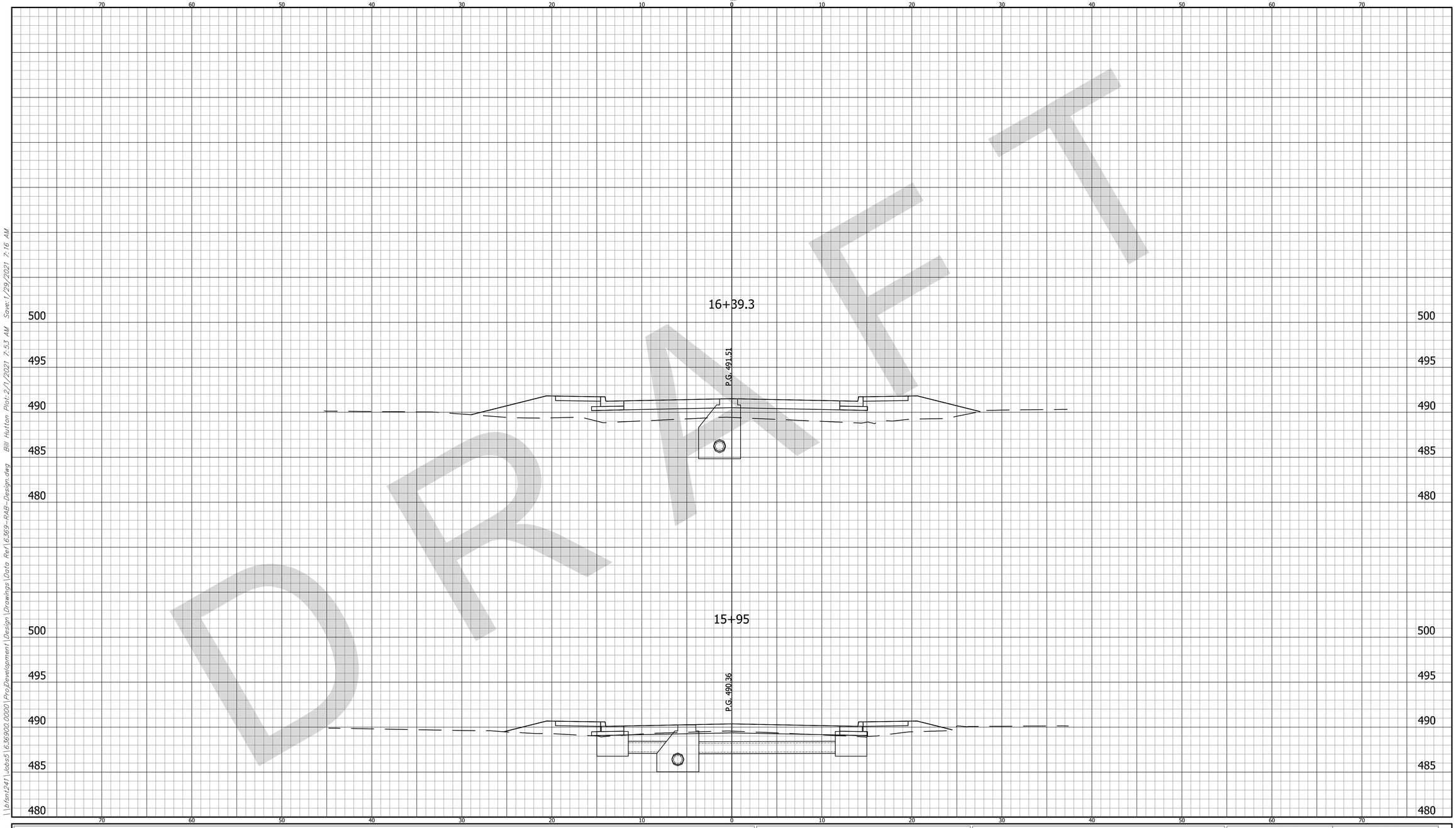
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 39 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

Plot: 2/1/2021 7:53 AM Save: 1/29/2021 7:16 AM Bill Hutton Plot: 2/1/2021 7:53 AM
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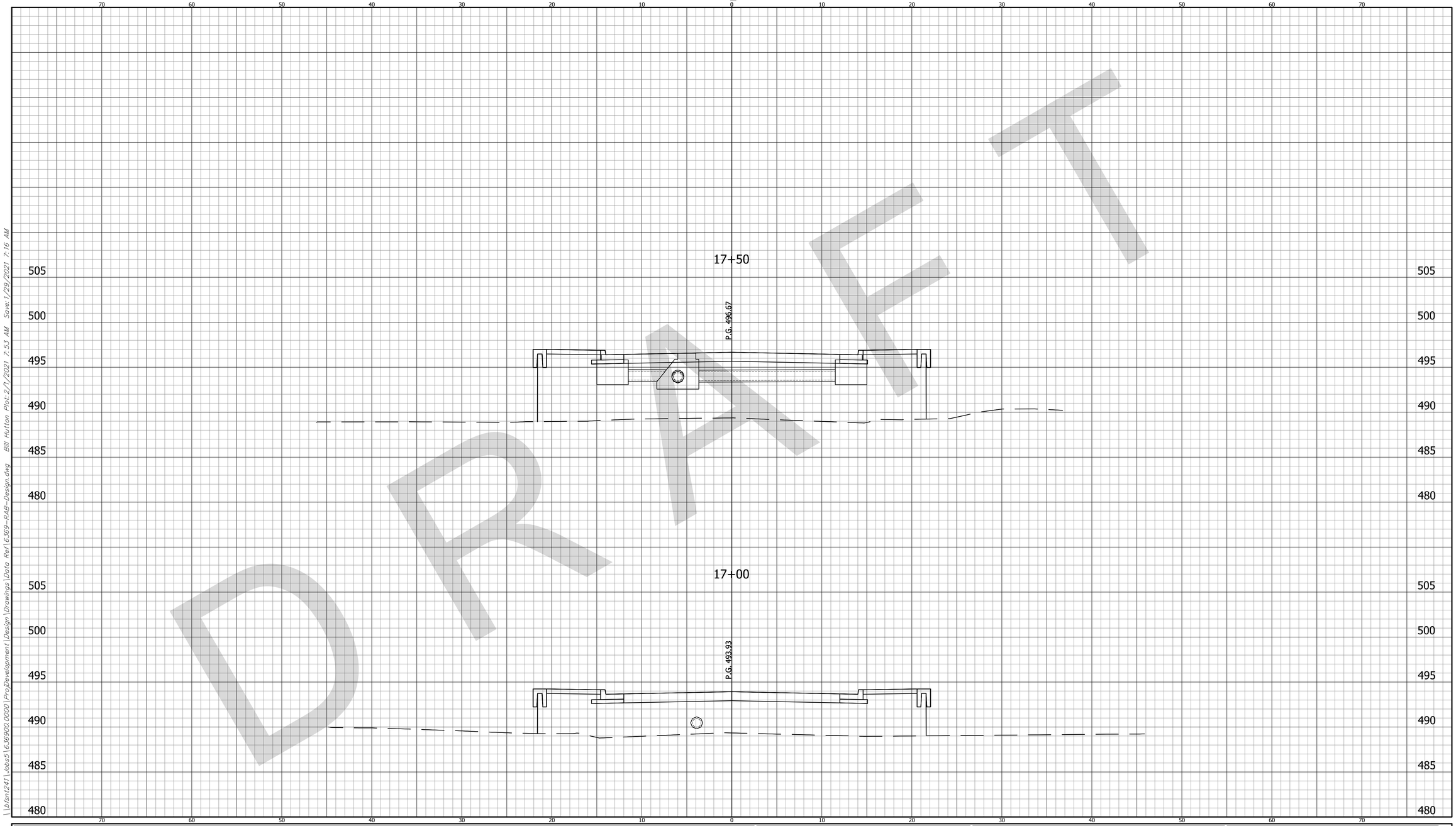
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 40 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

18+50

P.G. 503.59

18+00

P.G. 500.05

510 505 500 495 490 485 480

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

CROSS SECTIONS LINE "PR-A-1"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW		8TH AVENUE	SURVEY BOOK / SHEET: 41 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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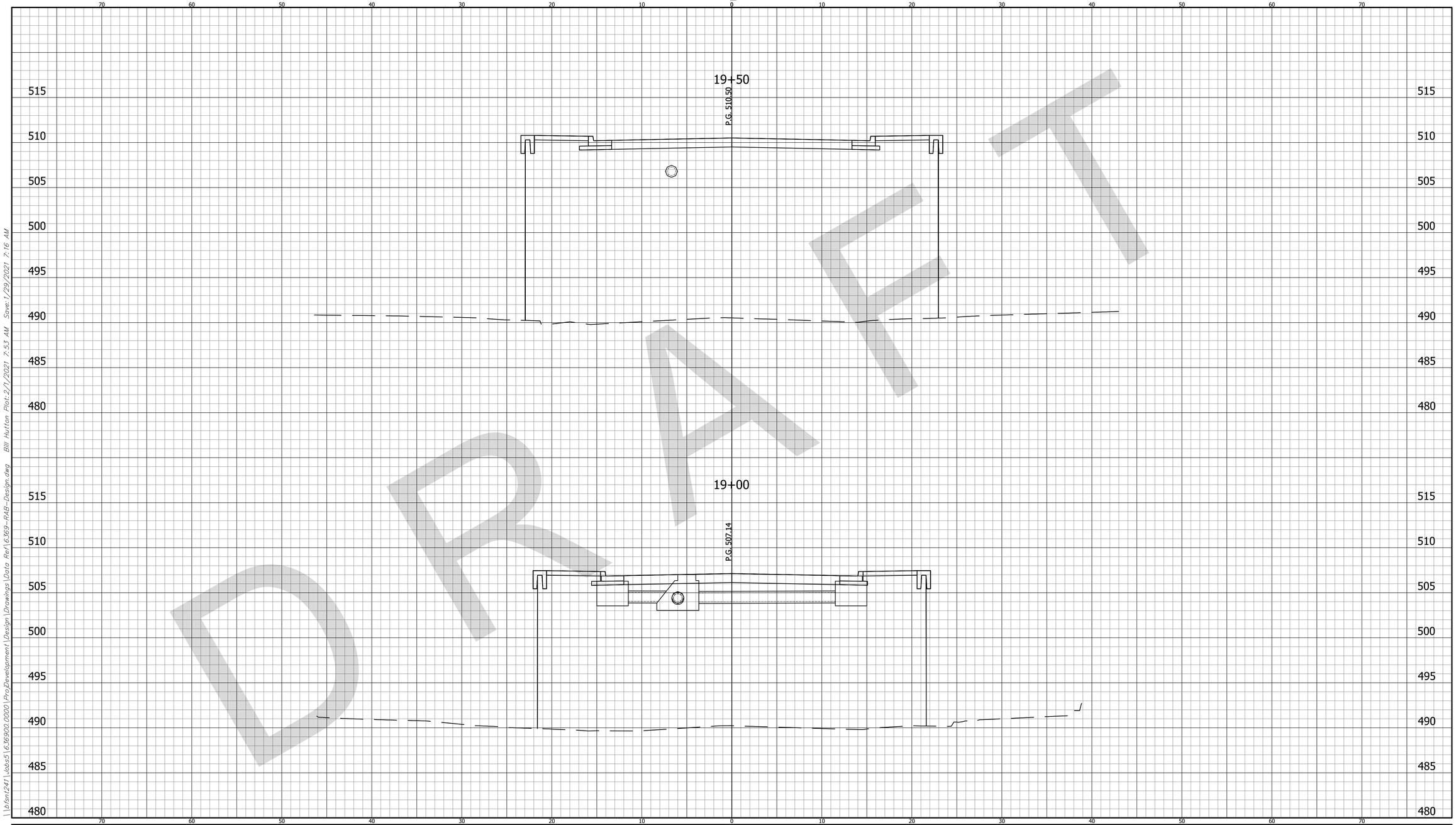
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932 SURVEY BOOK / SHEET: 42 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	6369 BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

20+40

P.G. 514.5'

P.G. 514.5'

20+00

P.G. 513.07

P.G. 513.07

520 515 510 505 500 495 490 485

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

	CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 5'	1900842, 1801932
SURVEY BOOK	SHEET
	43 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

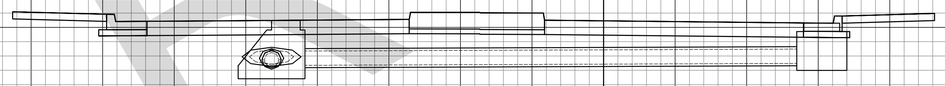
SCALE: 1"=5'

℄

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

520 515 510 505 500 495 490 485

20+76



DRAFT

	CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932 SURVEY BOOK / SHEET: 44 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	6369 BFS NO.

Plot: 2/1/2021 7:53 AM Save: 1/29/2021 7:16 AM Bill Hutton
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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

23+75

P.G. 516.01

P.G. 516.01

23+45

520 515 510 505 500 495 490 485

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

	CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 45 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

24+50

P.G. 513.15 P.G. 513.15

24+00

P.G. 515.29 P.G. 515.29

520 515 510 505 500 495 490 485

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

	CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 46 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

25+50

P.G. 506.51

25+00

P.G. 510.09

DRAFT

	CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932 SURVEY BOOK / SHEET: 47 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	6369 BFS NO.

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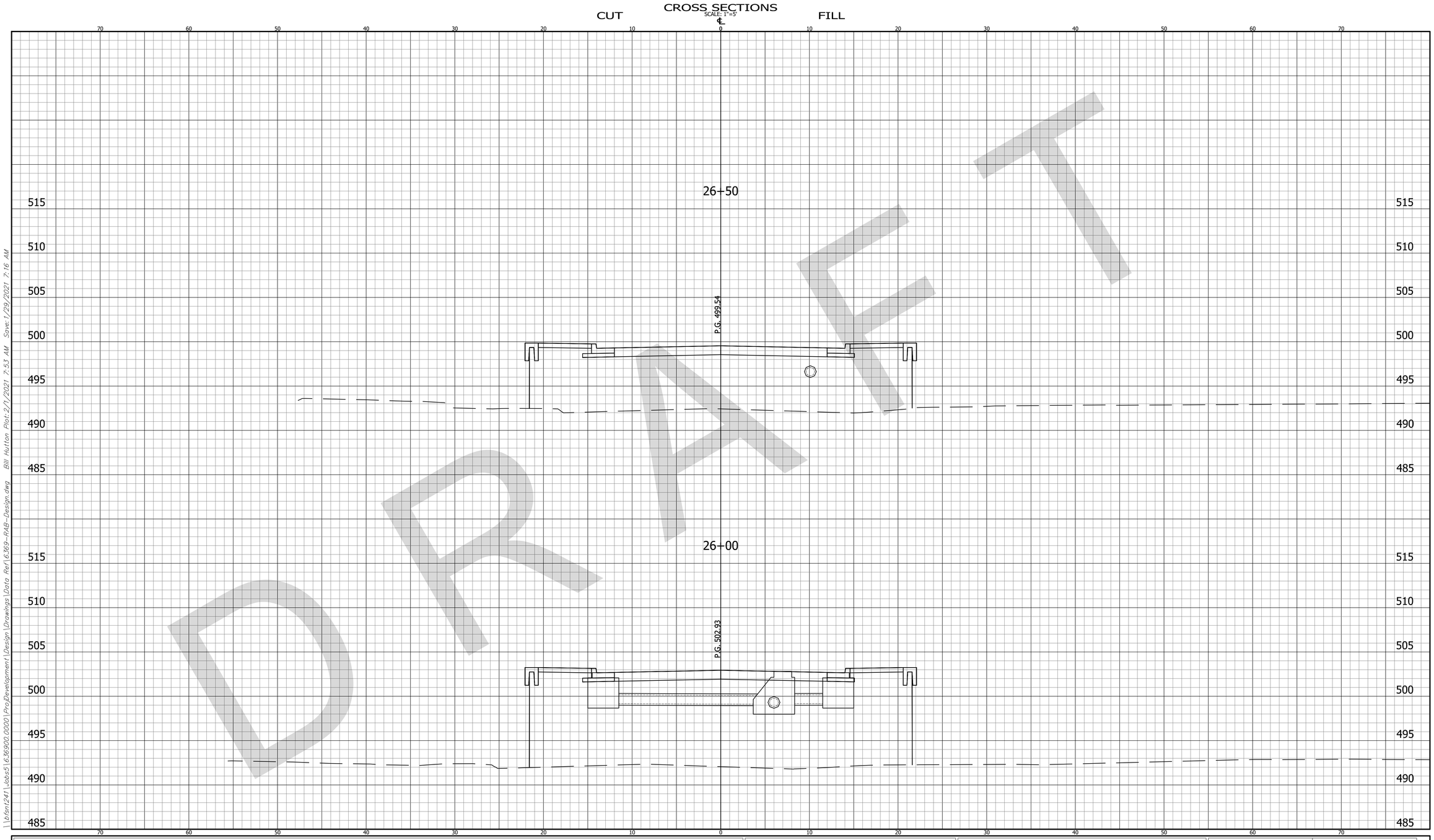

CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE VIGO 342
		VERTICAL SCALE 1" = 5'	DESIGNATION 1900842, 1801932
DESIGNED: TDW / DRAWN: BEH	8TH AVENUE	SURVEY BOOK	SHEET 48 OF 71
CHECKED: ACE / CHECKED: TDW		CONTRACT B-41843	PROJECT 1900842, 1801932

BFS NO. 6369

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

27+40

P.G. 495.06

27+00

P.G. 496.79

510 505 500 495 490 485 480

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

	CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 49 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

Plot: 2/1/2021 7:53 AM Save: 1/29/2021 2:16 AM Bill Hutton
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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

28+25

P.G. 492.79

27+75

P.G. 493.89

DRAFT

	CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 50 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

28+95

P.G. 492.05

28+65

P.G. 492.34

505 500 495 490 485 480

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

	CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 51 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

505
500
495
490
485
480

29+50

DRAFT

	CROSS SECTIONS LINE "PR-A-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW	8TH AVENUE	SURVEY BOOK / SHEET: 52 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

56+00

P.G. 490.82

55+70

P.G. 490.72

DRAFT

	CROSS SECTIONS LINE "PR-B-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW	13TH STREET	SURVEY BOOK / SHEET: 53 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

Plot: 2/1/2021 7:53 AM Save: 1/29/2021 2:16 AM Bill Hutton
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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

℄

56+55

P.G. 491.53

56+22

P.G. 491.01

505 500 495 490 485 480

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

	CROSS SECTIONS LINE "PR-B-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	13TH STREET	SURVEY BOOK / SHEET: 54 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

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Bill Hutton
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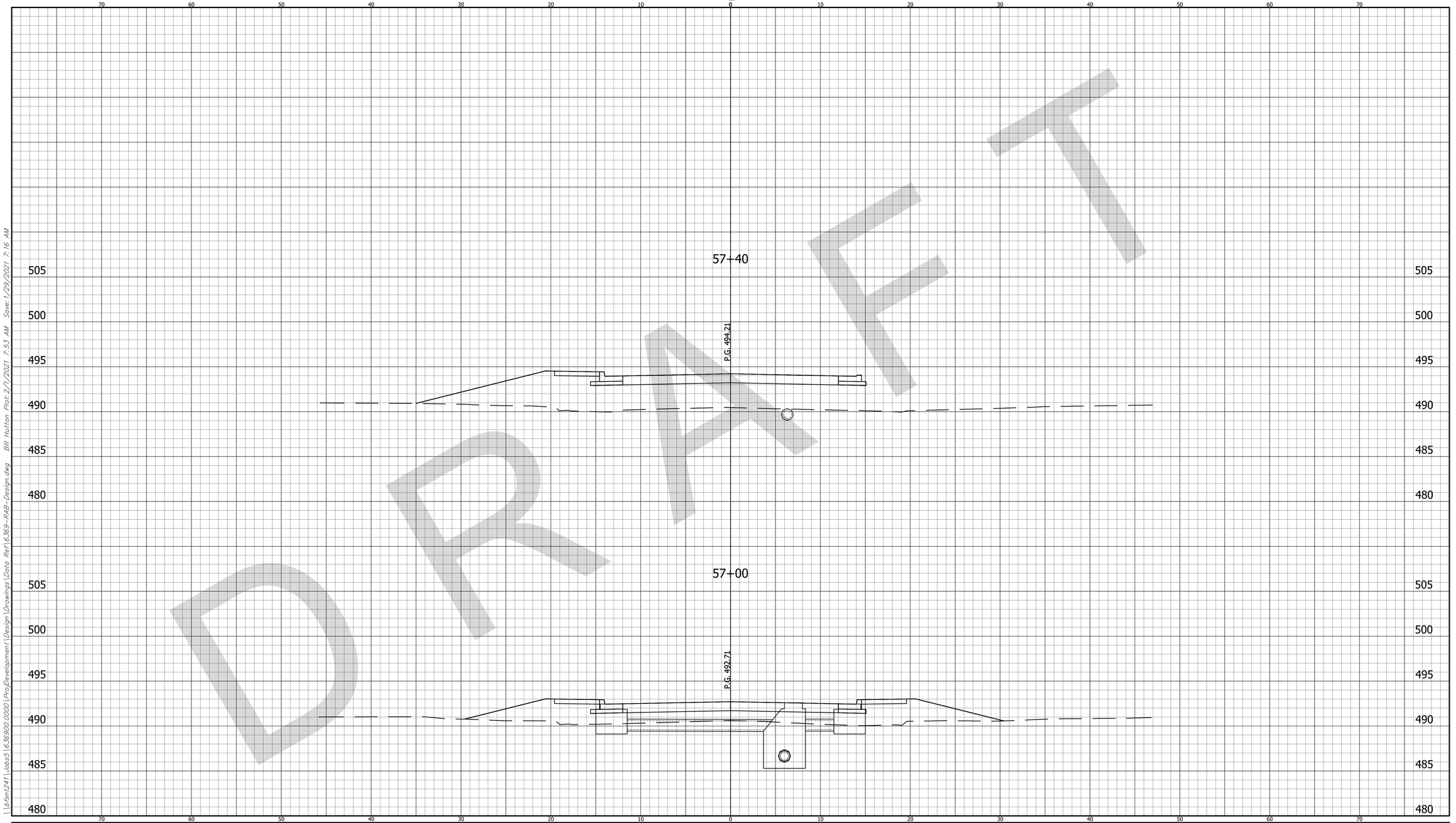
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PR-B-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW	13TH STREET	SURVEY BOOK / SHEET: 55 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

Plot: 2/1/2021 7:53 AM Save: 1/29/2021 7:16 AM Bill Hutton
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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

58+00

P.G. 497.26

57+75

P.G. 495.87

DRAFT

CROSS SECTIONS LINE "PR-B-1"		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: TDW	DRAWN: BEH	13TH STREET	
CHECKED: ACE	CHECKED: TDW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 5'	1900842, 1801932
SURVEY BOOK	SHEET
	56 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

6369

BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

59+00

P.G. 504.12

58+50

P.G. 500.53

DRAFT

CROSS SECTIONS LINE "PR-B-1"		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: TDW	DRAWN: BEH	13TH STREET	
CHECKED: ACE	CHECKED: TDW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 5'	1900842, 1801932
SURVEY BOOK	SHEET
	57 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

6369

BFS NO.

\\bfsn1241\Jobs5\6369000.0000\ProjDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot: 2/1/2021 7:53 AM Save: 1/29/2021 7:16 AM

CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

60+00

P.G. 511.23

59+50

P.G. 507.72

DRAFT

CROSS SECTIONS LINE "PR-B-1"		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: TDW	DRAWN: BEH	13TH STREET	
CHECKED: ACE	CHECKED: TDW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 5'	1900842, 1801932
SURVEY BOOK	SHEET
	58 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

6369

BFS NO.

\\dfsn1241\Jobs5\6369000\ProjDevelopment\Design\Drawings\Data Re\6369-RAB-Design.dwg Bill Hutton Plot: 2/1/2021 7:54 AM Save: 1/29/2021 7:16 AM

CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

61+00

P.G. 516.93 P.G. 516.93

60+50

P.G. 514.01 P.G. 514.01

520 515 510 505 500 495 490 485

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

DRAFT

CROSS SECTIONS LINE "PR-B-1"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW		13TH STREET	SURVEY BOOK / SHEET: 59 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

Plot: 2/1/2021 7:54 AM Save: 1/29/2021 2:16 AM Bill Hutton
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CROSS SECTIONS

SCALE: 1"=5'

CUT FILL

℄

61+40

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

525 520 515 510 505 500 495 490 485

DRAFT

	CROSS SECTIONS LINE "PR-B-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	13TH STREET	SURVEY BOOK / SHEET: 60 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

Bill Hutton Plot: 2/1/2021 7:54 AM Save: 1/29/2021 7:16 AM
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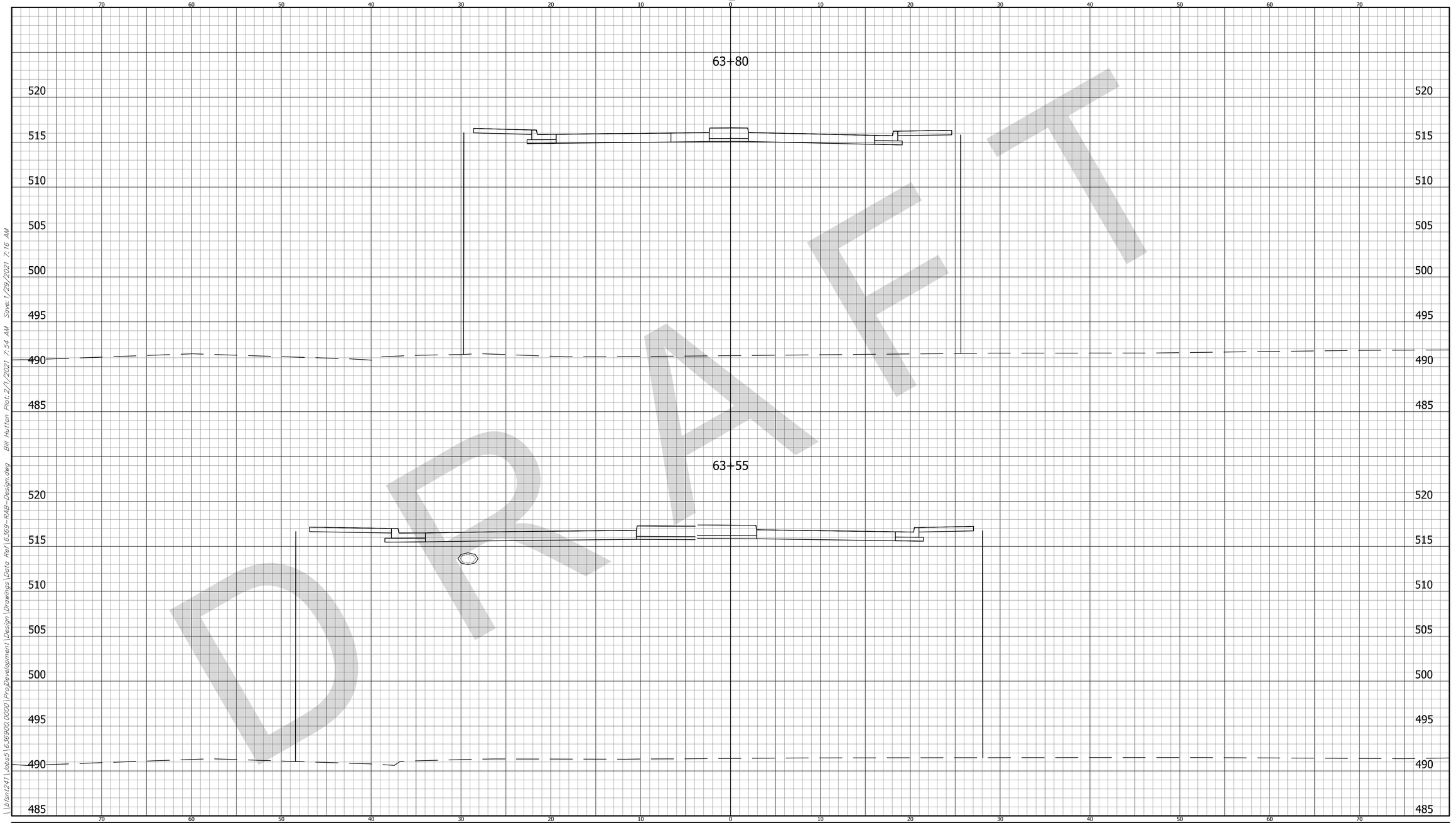
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



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CROSS SECTIONS LINE "PR-B-2"		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: TDW	DRAWN: BEH	13TH STREET	
CHECKED: ACE	CHECKED: TDW		

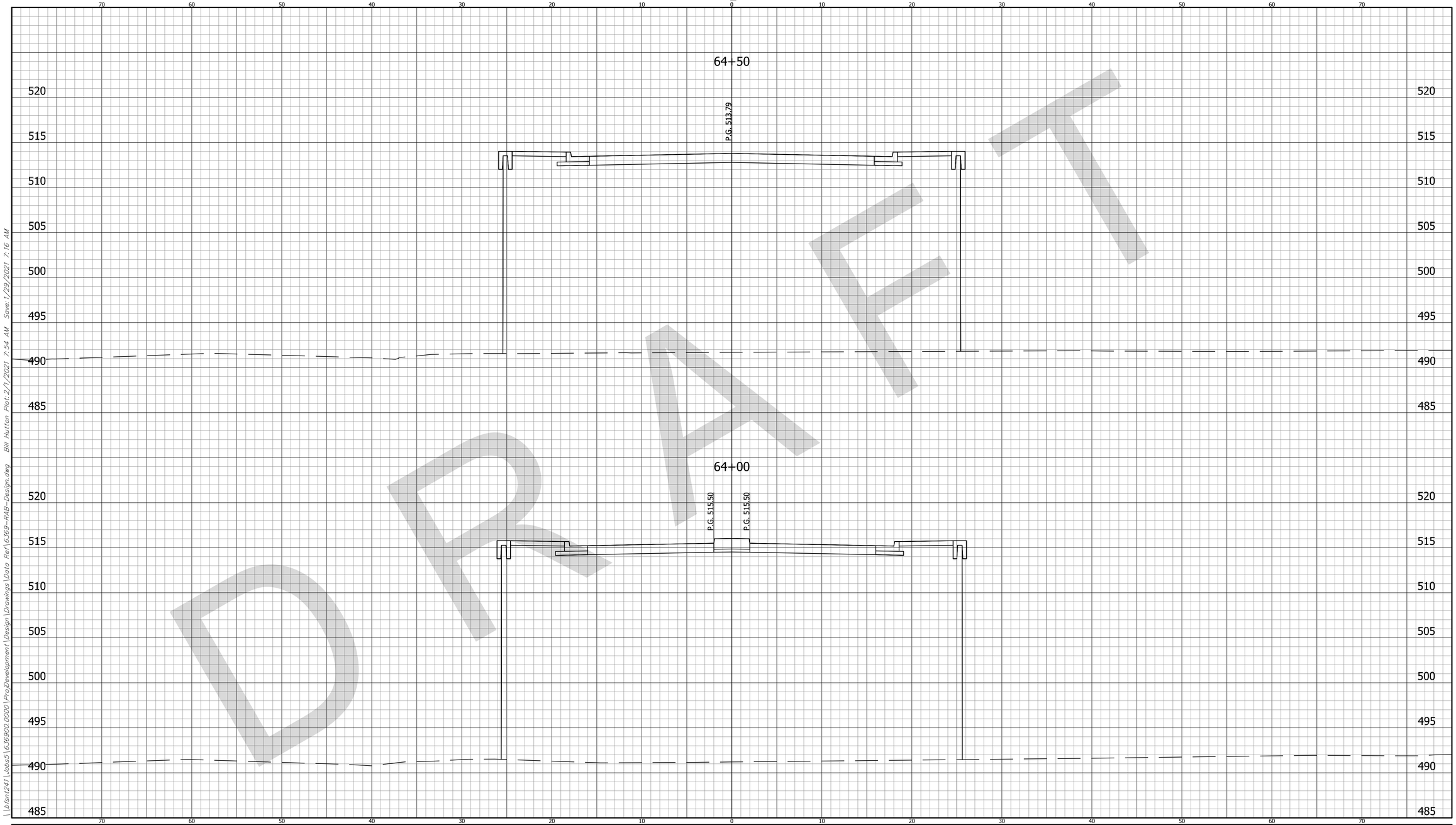
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	VIGO 342
VERTICAL SCALE	DESIGNATION
1" = 5'	1900842, 1801932
SURVEY BOOK	SHEET
	61 OF 71
CONTRACT	PROJECT
B-41843	1900842, 1801932

BFS NO. 6369

CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PR-B-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932 SURVEY BOOK / SHEET: 62 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	13TH STREET	6369 BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

65+50

P.G. 507.56

65+00

P.G. 511.14

DRAFT

	CROSS SECTIONS LINE "PR-B-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932 SURVEY BOOK / SHEET: 63 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	13TH STREET	6369 BFS NO.

Plot: 2/1/2021 7:54 AM Save: 1/29/2021 7:16 AM Bill Hutton
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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

66+55

P.G. 499.88

66+00

P.G. 503.71

DRAFT

	CROSS SECTIONS LINE "PR-B-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	13TH STREET	SURVEY BOOK / SHEET: 64 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

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BFS NO.

Plot: 2/1/2021 7:54 AM Save: 1/29/2021 2:16 AM Bill Hutton
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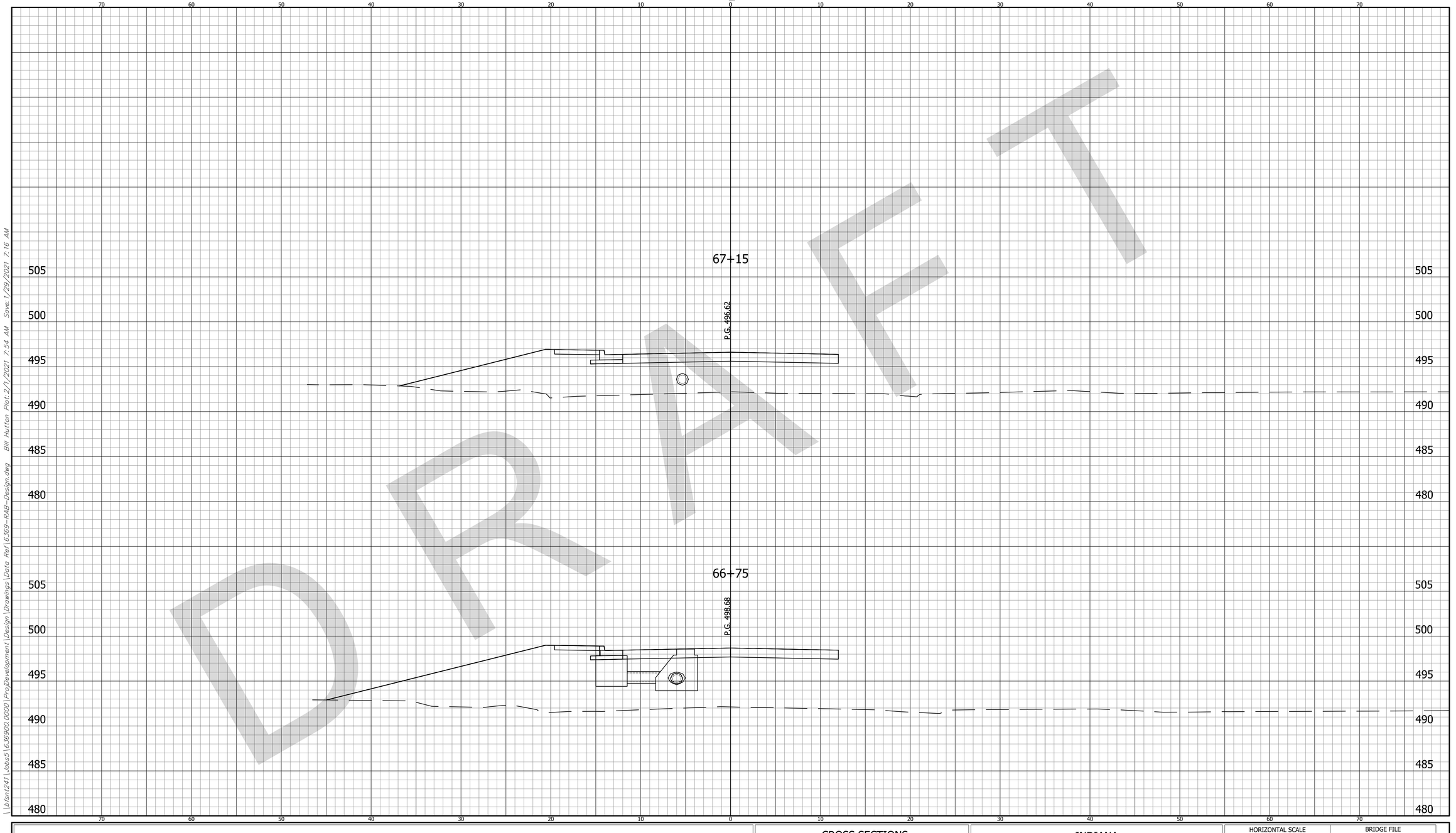
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

CROSS SECTIONS LINE "PR-B-2"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW		13TH STREET	SURVEY BOOK / SHEET: 65 OF 71 CONTRACT: B-41843 / PROJECT: 1900842, 1801932

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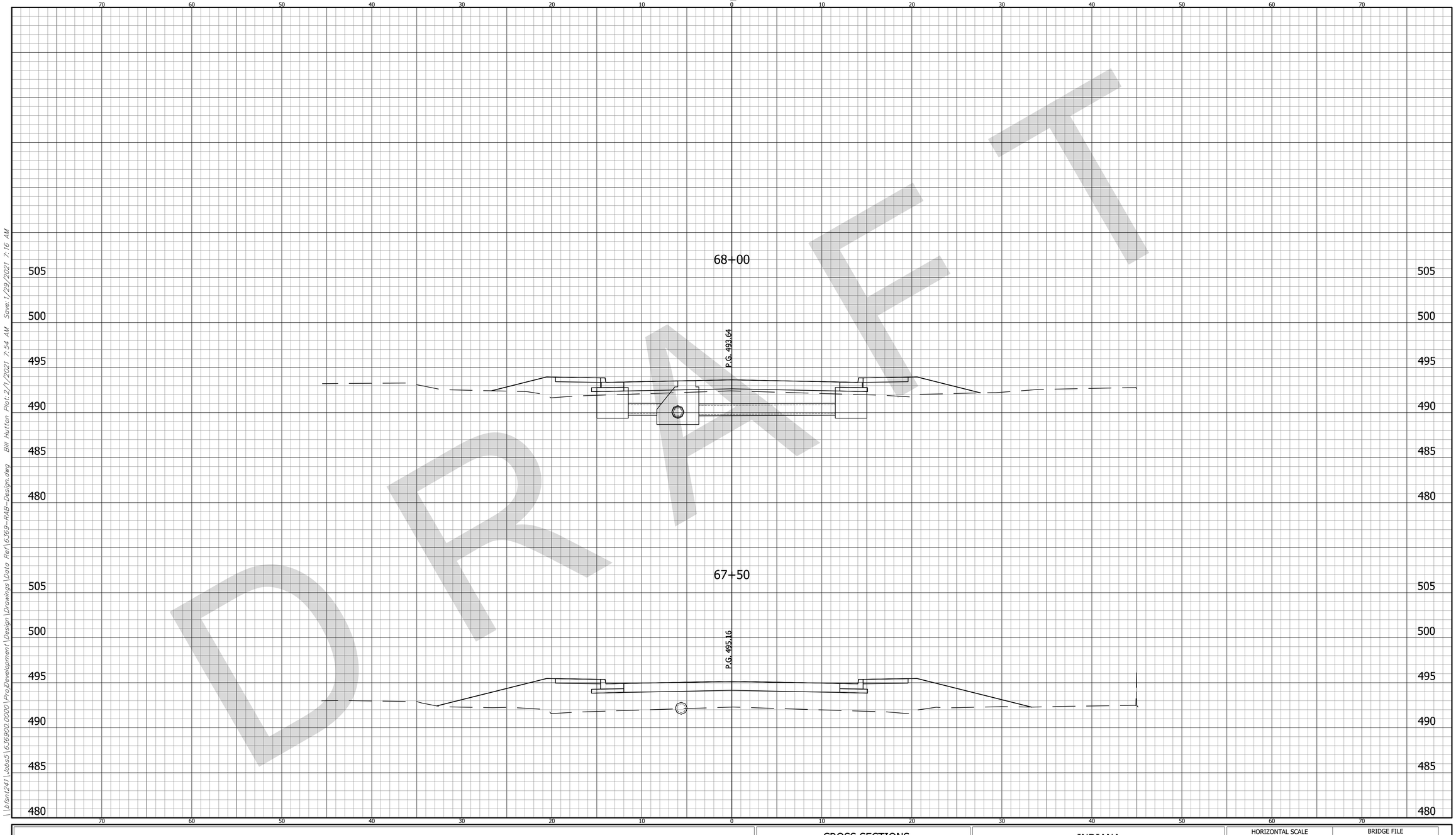
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

CROSS SECTIONS LINE "PR-B-2"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW		13TH STREET	SURVEY BOOK / SHEET: 66 OF 71 CONTRACT: B-41843 / PROJECT: 1900842, 1801932

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

68+79

P.G. 492.61

68+50

P.G. 492.79

DRAFT

CROSS SECTIONS LINE "PR-B-2"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
DESIGNED: TDW / DRAWN: BEH CHECKED: ACE / CHECKED: TDW		13TH STREET	SURVEY BOOK / SHEET: 67 OF 71 CONTRACT: B-41843 / PROJECT: 1900842, 1801932

6369

BFS NO.

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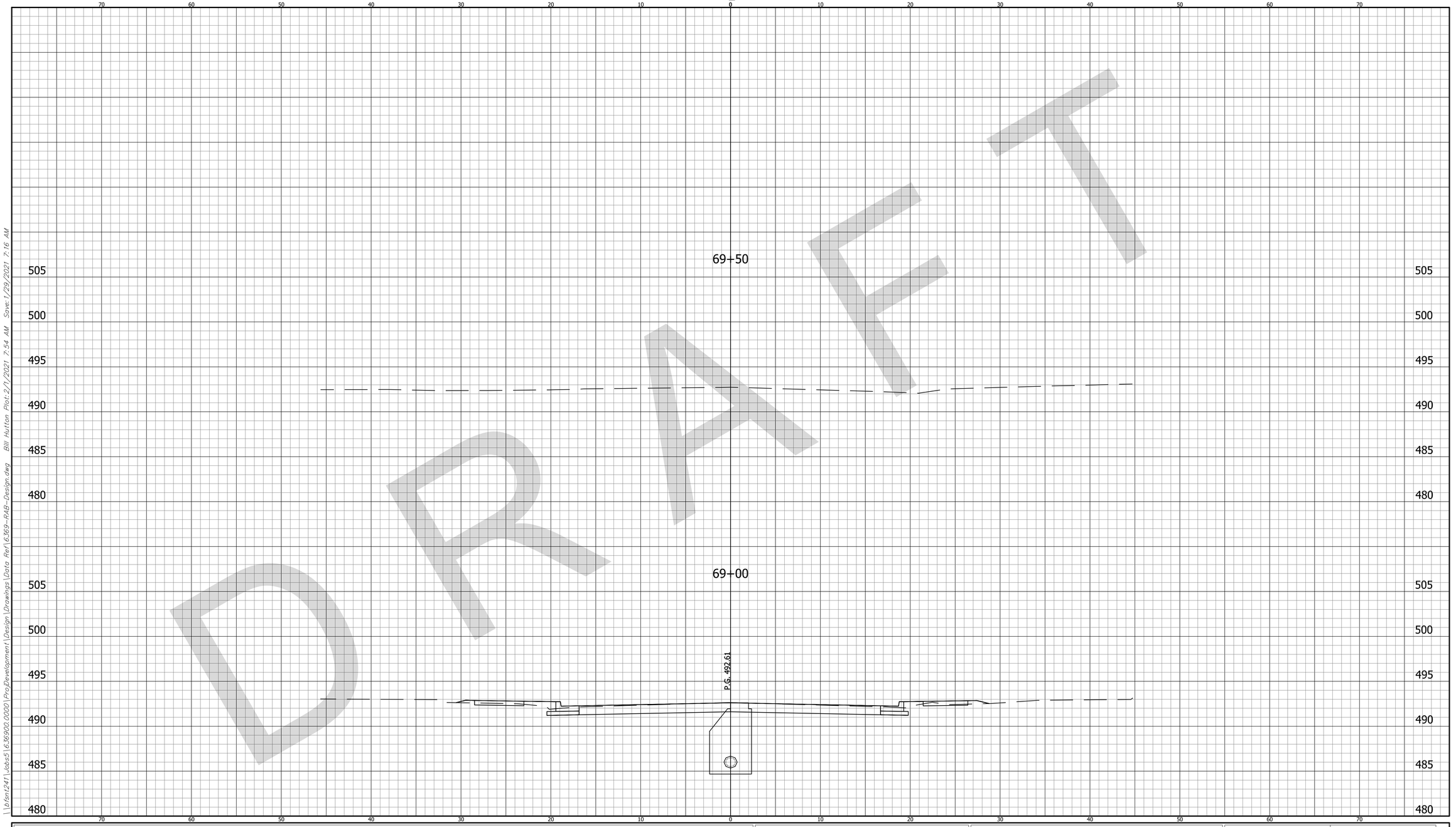
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PR-B-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	13TH STREET	SURVEY BOOK / SHEET: 68 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

6369

BFS NO.

Plot: 2/1/2021 7:54 AM Save: 1/29/2021 7:16 AM Bill Hutton
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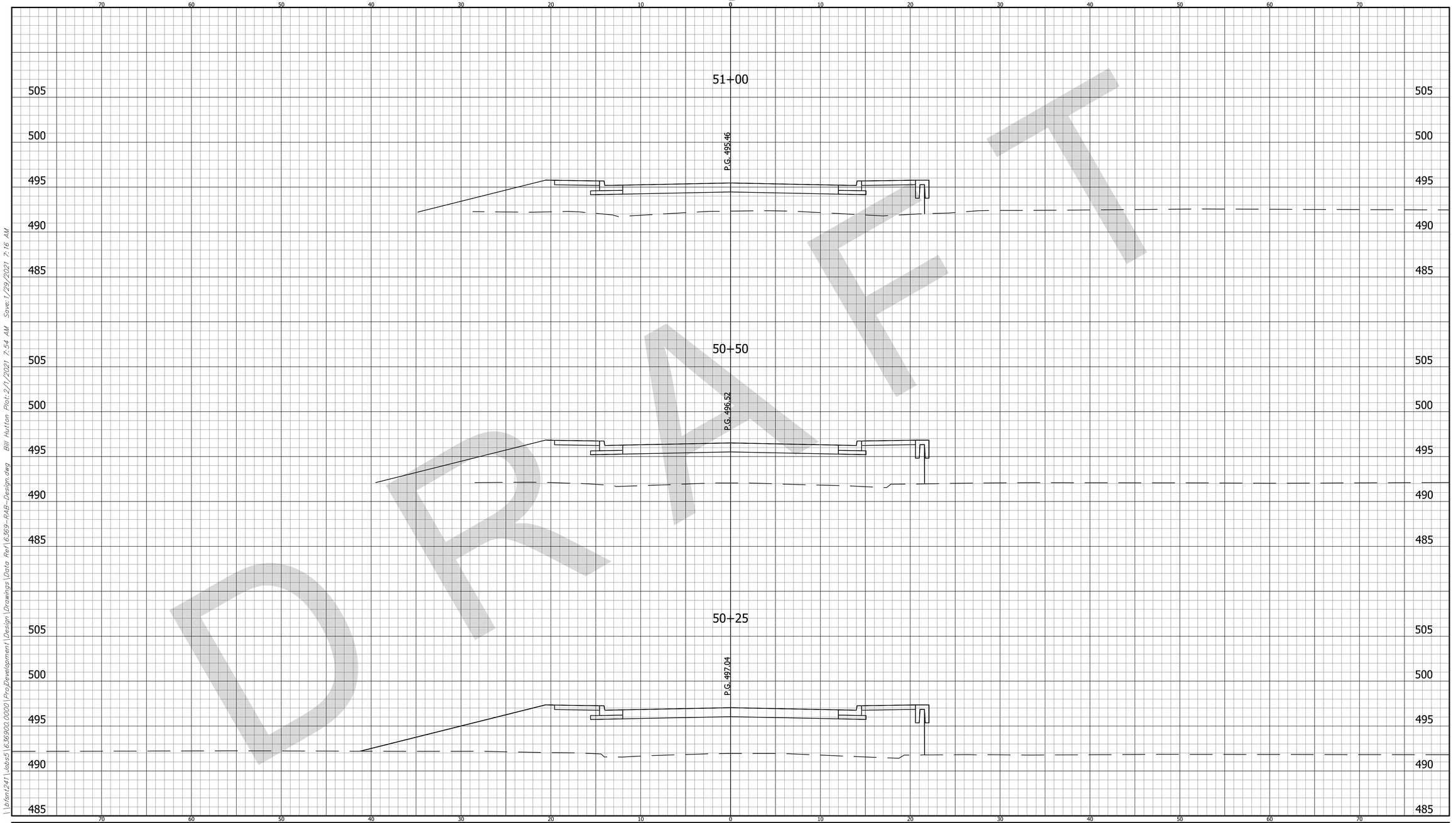
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PRS-1-A"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932	6369
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	PLUM ST.	SURVEY BOOK / SHEET: 69 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932	BFS NO.

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CROSS SECTIONS

CUT FILL

SCALE: 1"=5'

52+50

P.G. 492.91

52+00

P.G. 493.51

51+50

P.G. 494.40

DRAFT

	CROSS SECTIONS LINE "PRS-1-A"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932	6369
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	PLUM ST.	SURVEY BOOK / SHEET: 70 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932	BFS NO.

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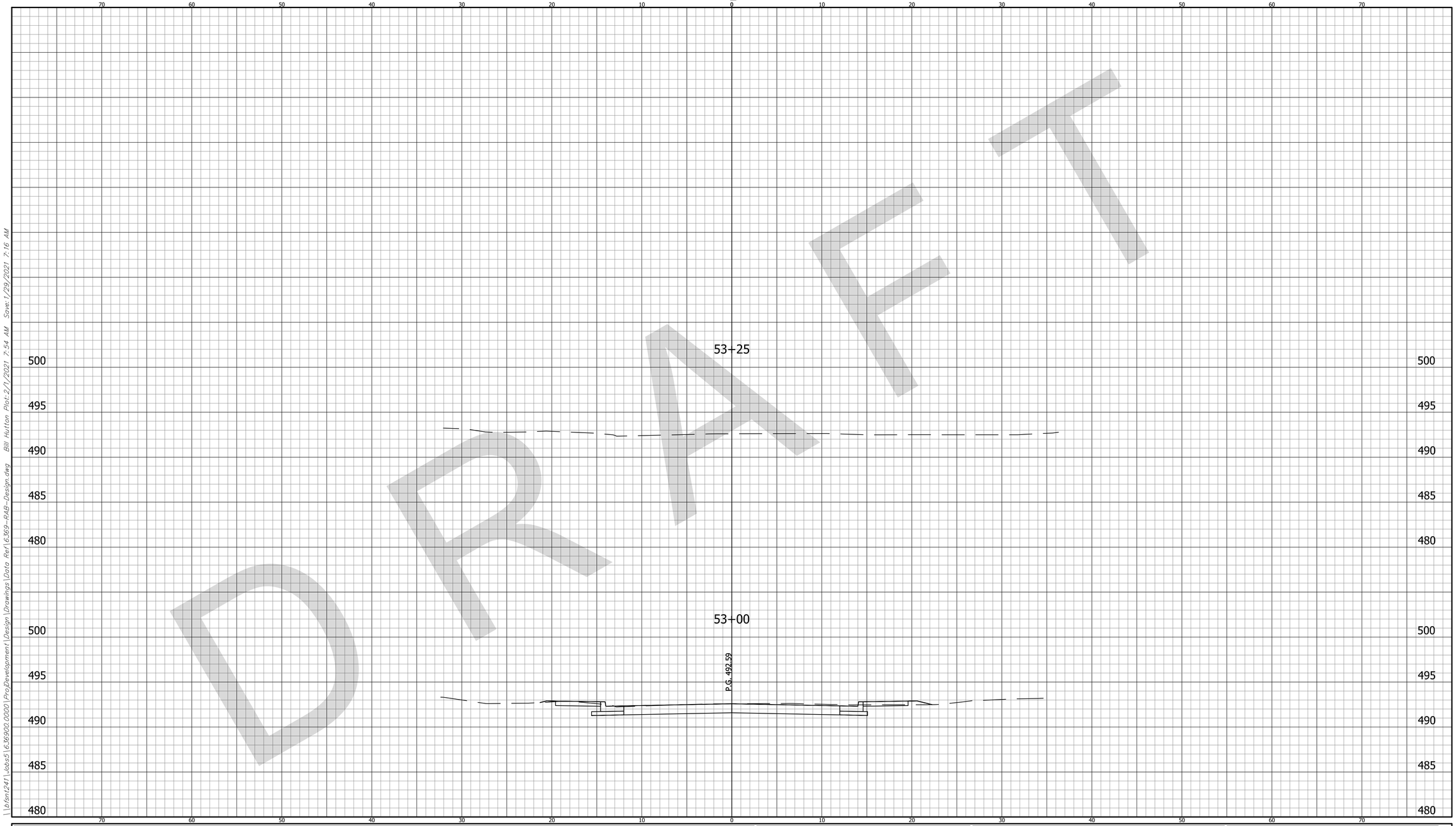
CROSS SECTIONS

CUT FILL

SCALE: 1"=5'



DRAFT

	CROSS SECTIONS LINE "PRS-1-A"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE: VIGO 342 VERTICAL SCALE: 1" = 5' / DESIGNATION: 1900842, 1801932
	DESIGNED: TDW DRAWN: BEH CHECKED: ACE CHECKED: TDW	PLUM ST.	SURVEY BOOK / SHEET: 71 OF 71 CONTRACT / PROJECT: B-41843 / 1900842, 1801932

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