PROJECT	DESIGNATION
1801932	1801932
CONTRACT	BRIDGE FILE
B-41843	

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1900842	New Bridge Over CSX RxR, Terre Haute

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

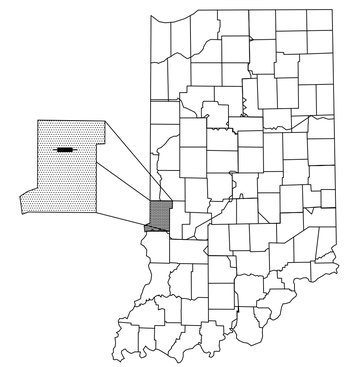
13th St. & 8th Ave. Over CSX RxR

PROJECT NO. 1801932 P.E.
1801932 R/W
1801932 CONSTR.

TRAFFIC DATA	8TH AVENUE	13TH STREET	PLUM STREET
A.A.D.T. (2022)	5109 V.P.D.	7190 V.P.D.	100 V.P.D.
A.A.D.T. (2042)	9249 V.P.D.	11820 V.P.D.	100 V.P.D.
D.H.V. (2042)	834 V.P.H.	1096 V.P.H.	15 V.P.H.
DIRECTIONAL DISTRIBUTION	52 EB %	50 %	50 %
TRUCKS	1.8 % A.A.D.T.	2.5 % A.A.D.T.	2 % A.A.D.T.
	1.6 % D.H.V.	2.4 % D.H.V.	2 % D.H.V.
DESIGN DATA			
DESIGN SPEED	30 MPH	30 MPH	20 MPH
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON - FREEWAY)	RECONSTRUCTION (NON - FREEWAY)	RECONSTRUCTION (NON - FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL AGENCY COLLECTOR	MINOR ARTERIAL	LOCAL STREET
RURAL/URBAN	URBAN BUILT UP	URBAN BUILT UP	URBAN BUILT UP
TERRAIN	LEVEL	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE	NONE

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

PRELIMINARY PLANS



PROJECT LOCATION SHOWN BY
VIGO COUNTY

BEGIN:
LATITUDE: 39°29'05"N LONGITUDE: 87°23'59"W
END:
LATITUDE: 39°29'05"N LONGITUDE: 87°23'41"W

GROSS LENGTH: 0.518 MI.
NET LENGTH: 0.496 MI.
MAX. GRADE: 7.70 %

HUC: 05120111050060

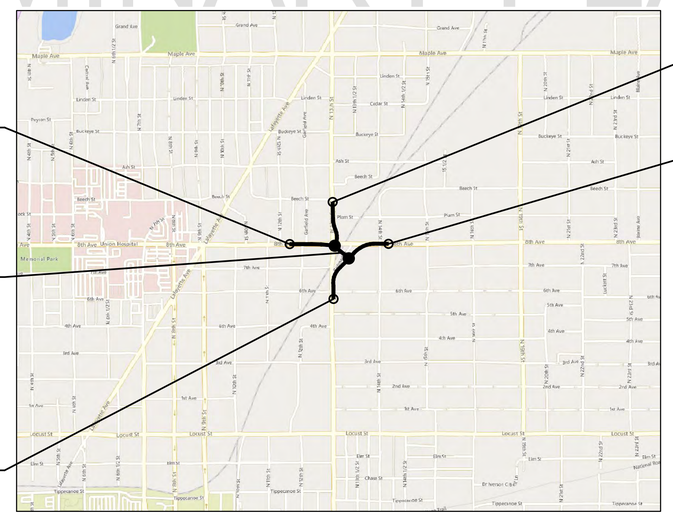
BEGIN PROJECT
P.O.T. Sta. 15+20.00 "A"

Bridge Over CSX RxR
Des. #1900842
Vigo Co. Bridge 342

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

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

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



SCALE: 1" = 1000'

VICINITY MAP
VIGO COUNTY

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 2022 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	
DESIGNATION	
1801932	
SURVEY BOOK	SHEET
N/A	1 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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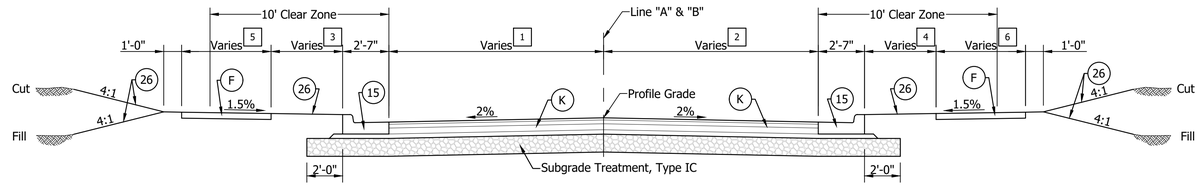


5 Varies 4'-0" to 6'-0" from 15+20 to 15+70 "A"
Varies 5'-0" to 4'-9" from 28+00 to 29+00 "A"
Varies 4'-9" to 5'-0" from 55+65 to 55+90 "B"
5'-0" from 55+90 to 56+65 "B"
5'-0" from 68+20 to 68+70 "B"
Varies 5'-0" to 5'-10" from 68+70 to 69+20 "B"

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.

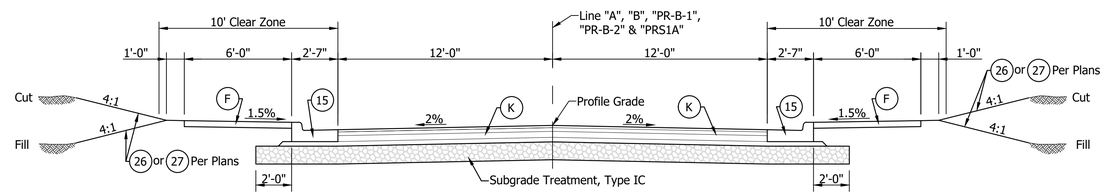
Scale: 1/4" = 1'-0"

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+48.36 "A"
0' from 15+48.36 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'-6" to 6'-0" from 15+20 to 15+48.36 "A"
6'-0" from 15+48.36 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"

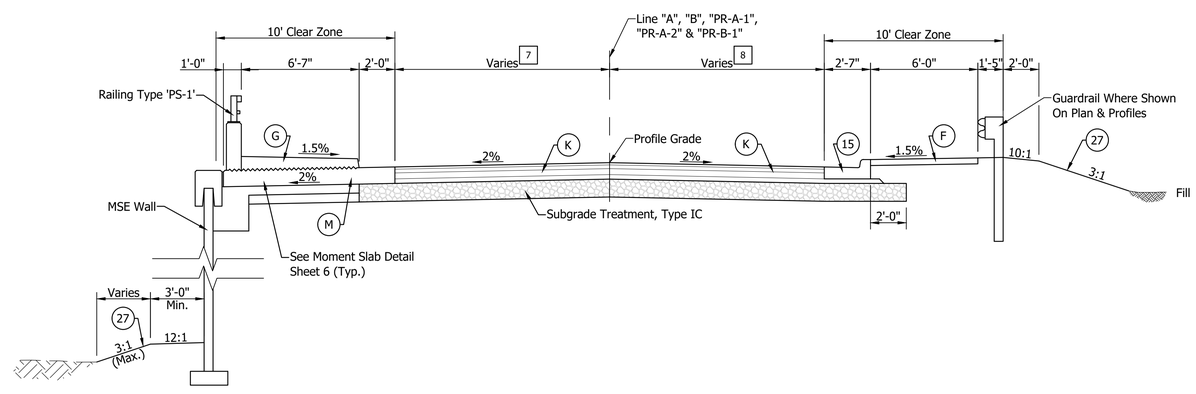


TYPICAL SECTION - 8th Ave., 13th St. & Plum St.

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. 50+12.00 "PRS1A" to Sta. 53+20.00 "PRS1A"

PRELIMINARY PLANS



7 12'-0" from 16+50 to 19+24.73 "A"
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"
12'-0" from 67+00.48 to 68+20.00 "B"

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

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

Sta. 16+50.00 "A" to 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. 67+00.48 "B" to 68+20.00 "B"

8 12'-0" from 16+50 to 19+24.73 "A"
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"
12'-0" from 67+00.48 to 68+20.00 "B"

LEGEND

- F Concrete Sidewalk, 4"
- G Concrete 'C', Superstructure
- K HMA Pavement:
  165#/Sys., QC/QA HMA, 2, 64, Surf., 9.5mm on
  275#/Sys., QC/QA HMA, 2, 64, Inter., 19.0mm on
  440#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on
  330#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on
  Subgrade Treatment, Type IC
- M 11" Concrete Moment Slab
- 15 2'-7" Combined Concrete Curb & Gutter
- 26 Sodding
- 27 Seed Mixture, Type 'U'

RECOMMENDED FOR APPROVAL: ____ DESIGN ENGINEER DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	3 OF 121
CONTRACT	PROJECT
B-41843	1801932

BPS NO. 6369

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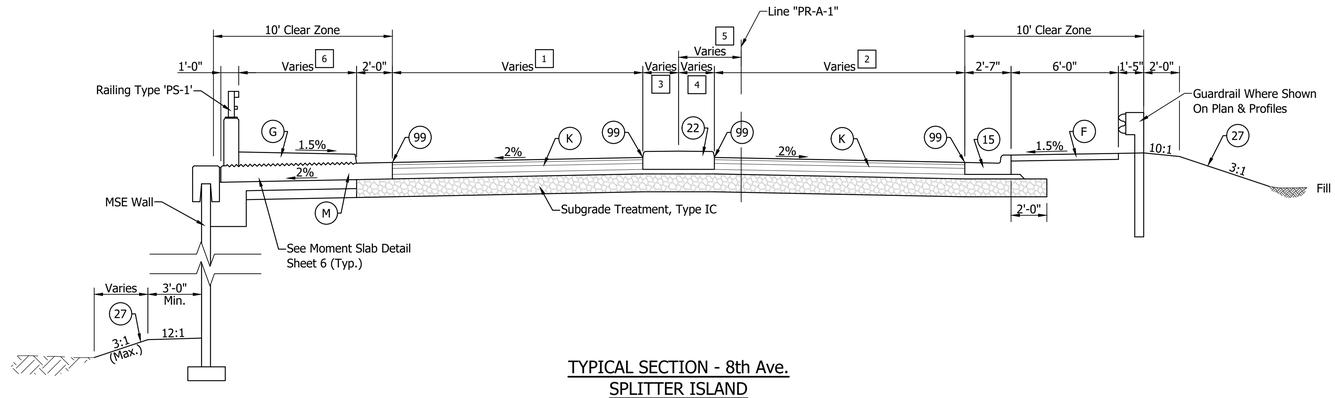


TYPICAL SECTION - 8th Ave. SPLITTER ISLAND

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

Sta. 19+99.73 "PR-A-1" to Sta. 20+91.71 "PR-A-1"

1 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"

2 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"

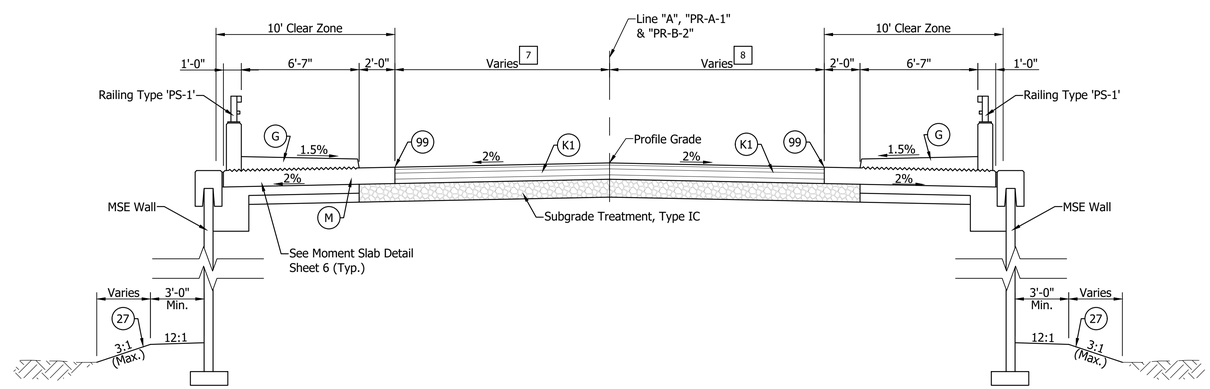
3 2'-0" from 19+99.73 to 20+55.22 "PR-A-1"
Varies 2'-0" to 8'-3" from 20+55.22 to 20+91.71 "PR-A-1"

4 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"

5 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"

6 Varies 6'-7" to 10'-7" from 19+99.73 to 20+60.18 "PR-A-1"
10'-7" from 20+60.18 to 20+91.71 "PR-A-1"

PRELIMINARY PLANS



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

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

Sta. 64+46.70 "PR-B-2" to Sta. 67+00.48 "PR-B-2"

7 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 64+46.70 to 65+21.70 "PR-B-2"
12'-0" from 65+21.70 "PR-B-2" to 67+00.48 "PR-B-2"

8 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 64+46.70 to 65+21.70 "PR-B-2"
12'-0" from 65+21.70 "PR-B-2" to 67+00.48 "PR-B-2"

LEGEND

- (F) Concrete Sidewalk, 4"
- (G) Concrete 'C', Superstructure
- (K) HMA Pavement: 165#/Sys., QC/QA HMA, 2, 64, Surf., 9.5mm on 275#/Sys., QC/QA HMA, 2, 64, Inter., 19.0mm on 440#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on 330#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on Subgrade Treatment, Type IC
- (M) 11" Concrete Moment Slab
- (15) 2'-7" Combined Concrete Curb & Gutter
- (22) Concrete Center Curb, Type 'D'
- (27) Seed Mixture, Type 'U'
- (99) See Sht. 45-50 For Profiles

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER ____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	4 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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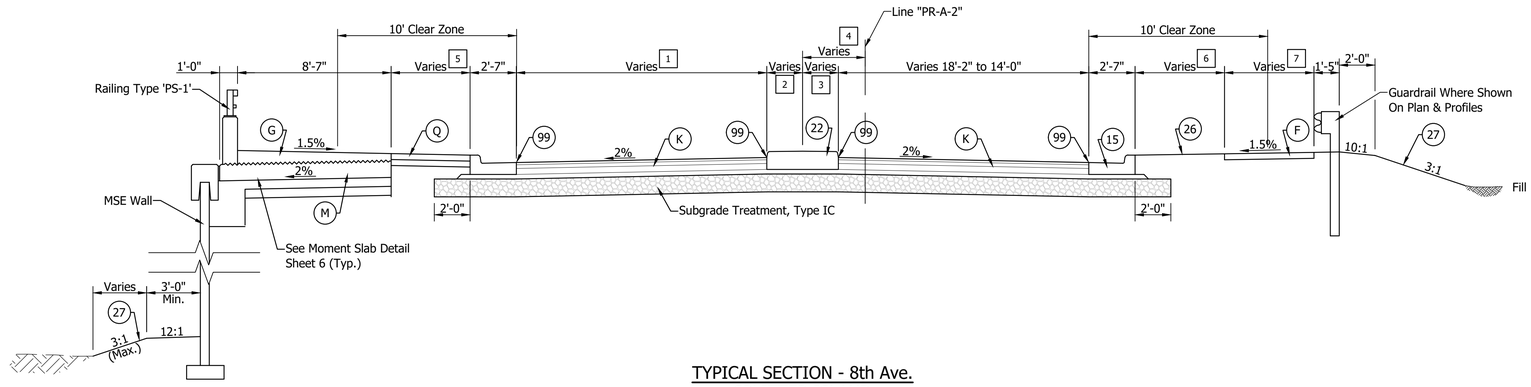


TYPICAL SECTION - 8th Ave.
SPLITTER ISLAND

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

Sta. 23+34.52 "PR-A-2" to Sta. 24+86.28 "PR-A-2"

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"

2 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"

5 Varies 10'-11" to 0'-0" from 23+34.52 to 23+88.60 "PR-A-2"
0' from 23+88.60 to 24+86.28 "PR-A-2"

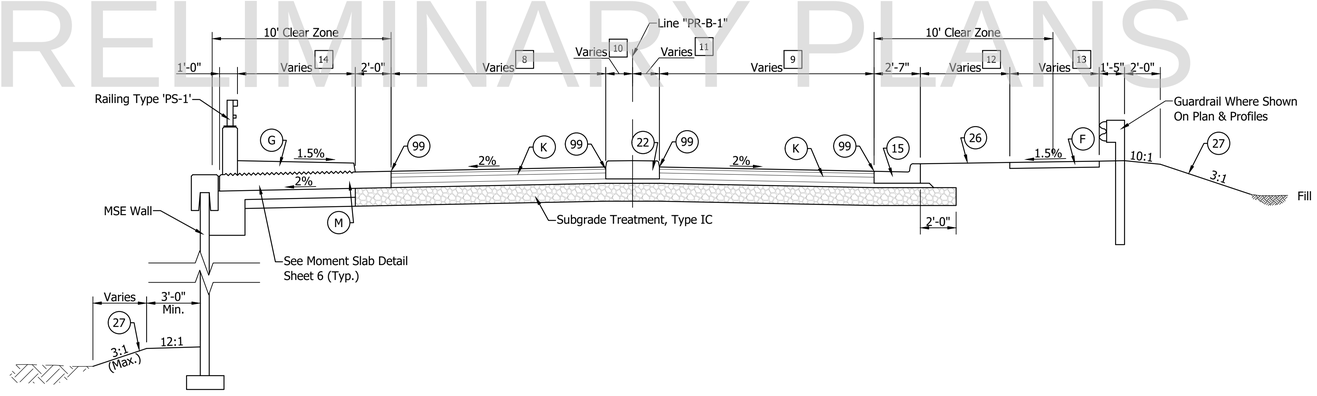
3 Varies 6'-2" to 2'-0" from 23+34.52 to 23+71.74 "PR-A-2"
2'-0" from 23+71.74 to 24+86.28 "PR-A-2"

4 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"

6 5'-0" from 23+34.52 to 23+58.12 "PR-A-2"
0' from 23+58.12 to 24+86.28 "PR-A-2"

7 5'-0" from 23+34.52 to 23+58.12 "PR-A-2"
10'-0" from 23+58.12 to 23+66.12 "PR-A-2"
Varies 10'-0" to 6'-0" from 23+66.12 to 23+97.61 "PR-A-2"
6'-0" from 23+97.61 to 24+86.28 "PR-A-2"

PRELIMINARY PLANS



TYPICAL SECTION - 13th St.
SPLITTER ISLAND

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

Sta. 60+36.98 "PR-B-1" to Sta. 61+49.27 "PR-B-1"

8 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"

10 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"

14 6'-7" from 60+36.98 to 60+69.07 "PR-B-1"
Varies 6'-7" to 10'-8" from 60+69.07 to 61+49.27 "PR-B-1"

9 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"

11 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"

12 0' from 60+36.98 to 61+28.71 "PR-B-1"
5' from 61+28.71 to 61+49.27 "PR-B-1"

13 6'-0" from 60+36.98 to 61+00.00 "PR-B-1"
Varies 6'-0" to 10'-0" from 61+00.00 to 61+28.71 "PR-B-1"
5'-0" from 61+28.71 to 61+49.27 "PR-B-1"

LEGEND

- F Concrete Sidewalk, 4"
- G Concrete 'C', Superstructure
- K HMA Pavement: 165#/Sys., QC/QA HMA, 2, 64, Surf., 9.5mm on 275#/Sys., QC/QA HMA, 2, 64, Inter., 19.0mm on 440#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on 330#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on Subgrade Treatment, Type IC
- M 11" Concrete Moment Slab
- Q 6" PCCP on 4" Comp. Agg. for Base, No. 53
- 15 2'-7" Combined Concrete Curb & Gutter
- 22 Concrete Center Curb, Type 'D'
- 27 Seed Mixture, Type 'U'
- 99 See Sht. 45-50 For Profiles

RECOMMENDED FOR APPROVAL: ____ DESIGN ENGINEER ____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	5 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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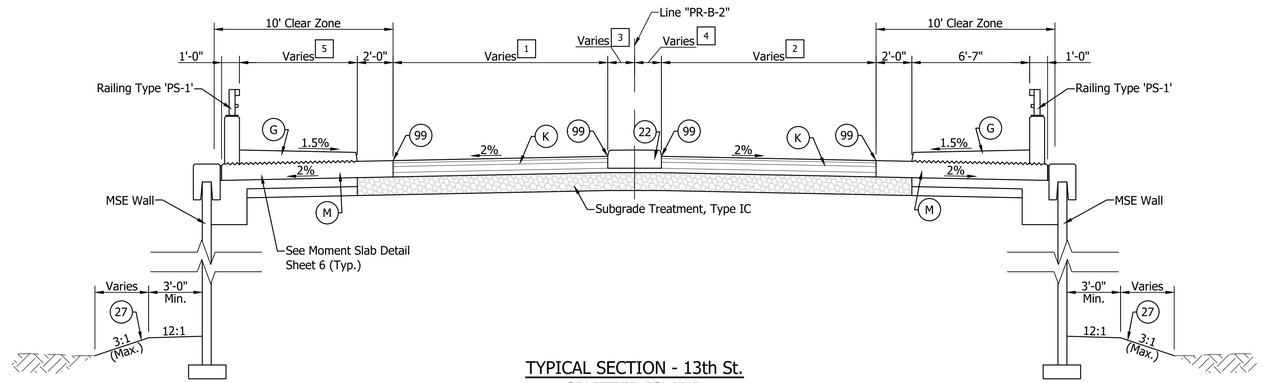


TYPICAL SECTION - 13th St. SPLITTER ISLAND

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

Sta. 63+44.78 "PR-B-2" to Sta. 64+46.70 "PR-B-2"

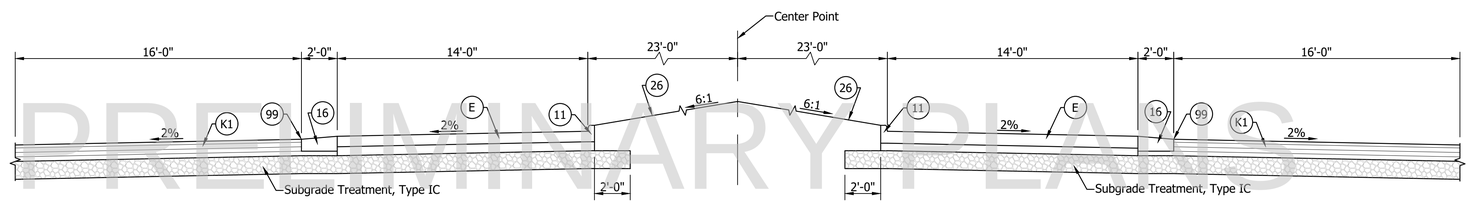
1 Varies 18'-6" to 14'-0" from 63+44.78 to 64+01.06 "PR-B-2"
14'-0" from 64+01.06 to 64+46.70 "PR-B-2"

2 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 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 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"

5 Varies 10'-7" to 6'-7" from 63+44.78 to 64+16.69 "PR-B-2"
6'-7" from 64+16.69 to 64+46.70 "PR-B-2"

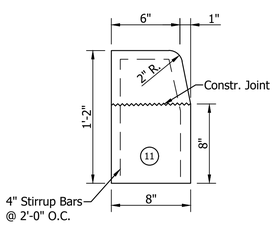


TYPICAL SECTION - ROUNDABOUT

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

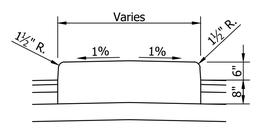
Radial Around Sta. 21+47.63 "PR-A-1", 10.00' Lt.
Radial Around Sta. 22+78.03 "PR-A-2", 0.00'

PRELIMINARY PLANS



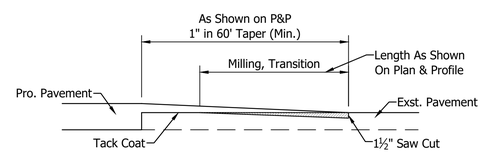
INTEGRAL CONCRETE CURB, TYPE 'B'

Not to Scale



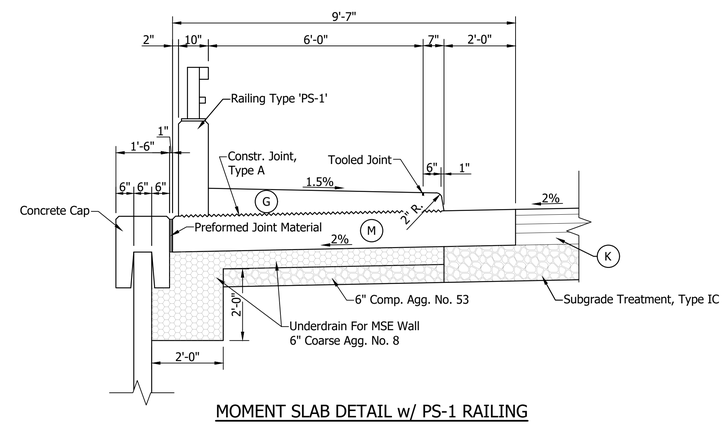
CONCRETE CENTER CURB, TYPE 'D'

Not to Scale



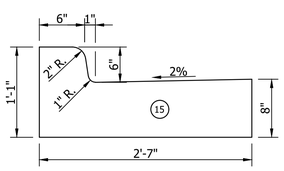
PAVEMENT TERMINATION DETAIL

Not to Scale



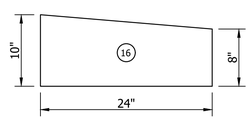
MOMENT SLAB DETAIL w/ PS-1 RAILING

Not to Scale



COMBINED CONCRETE CURB & GUTTER

Not to Scale



MOD. COMBINED CONC. ROLL CURB & GUTTER

Not to Scale

99 See Sht. 45-50 For Profiles

LEGEND

E Concrete Truck Apron:
8" PCCP w/ D-1 Joints Spa. @ 15'
w/ 1" Dowel on 5" Comp. Agg. No. 53 on
Subgrade Treatment, Type IC

G Concrete 'C', Superstructure

M 11" Concrete Moment Slab

K HMA Pavement:
165#/Sys., QC/QA HMA, 2, 64, Surf., 9.5mm on
275#/Sys., QC/QA HMA, 2, 64, Inter., 19.0mm on
440#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on
330#/Sys., QC/QA HMA, 2, 64, Base, 19.0mm on
Subgrade Treatment, Type IC

K1 HMA Pavement:
220#/Sys., QC/QA HMA, 3, 76, Surf., 9.5mm on
330#/Sys., QC/QA HMA, 3, 76, Inter., 19.0mm on
330#/Sys., QC/QA HMA, 3, 70, Base, 19.0mm on
330#/Sys., QC/QA HMA, 3, 70, Base, 19.0mm on
Subgrade Treatment, Type IC

11 Integral Concrete Curb
15 2'-7" Combined Conc. Curb & Gutter
16 Comb. Conc. Roll Curb & Gutter
22 Concrete Center Curb, Type 'D'
27 Seed Mixture, Type 'U'

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER ____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

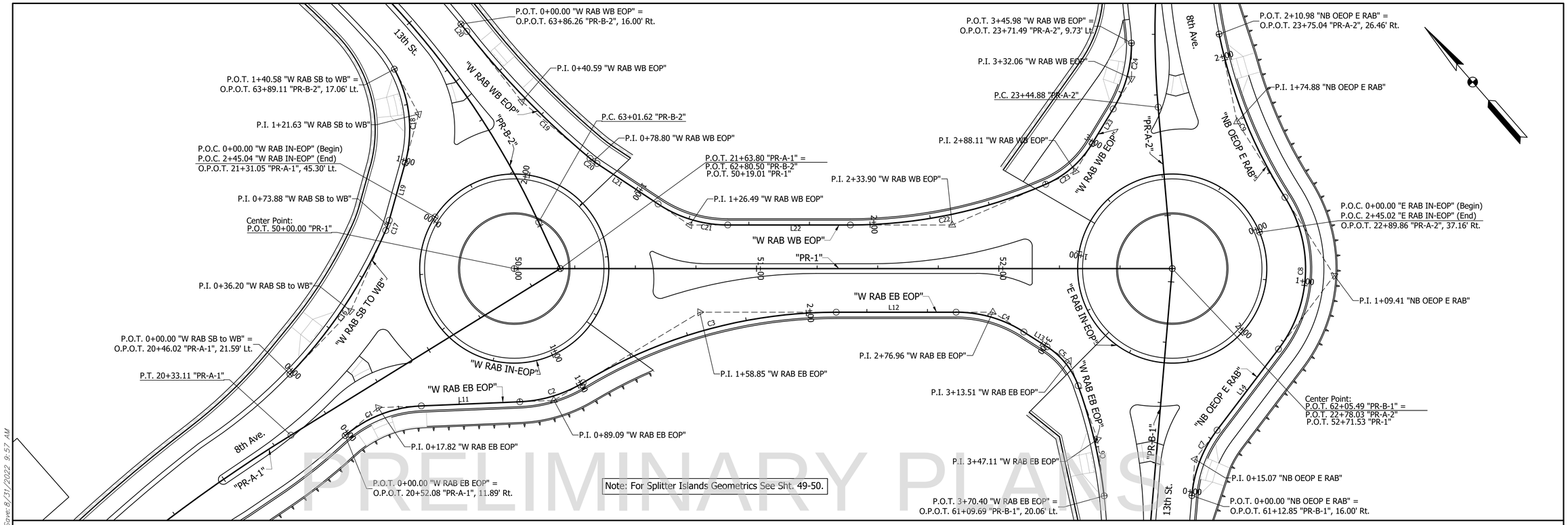
TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	
VERTICAL SCALE	DESIGNATION
N/A	1801932

SURVEY BOOK	SHEET
N/A	6 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

\\bfsn1241\jobs5\36900.0000\ProjDevelopment\Design\Drawings\6369R201.dwg Daniel Isaacs Plot:9/20/2022 2:33 PM Save:9/20/2022 2:32 PM



PRELIMINARY PLANS

"W RAB WB EOP"										
Number	Start Sta.	End Sta.	Bearing	P.I. Sta.	Radius	Delta	Tangent	Length	P.C. Sta.	P.T. Sta.
L20	0+00.00	0+03.88	S02°39'02"W					3.88		
C19				0+40.59	350.00	011°58'31"	73.02	73.15	0+03.88	0+77.03
C20				0+78.80	32.00	006°19'37"	3.53	3.53	0+77.03	0+80.57
L21	0+80.57	1+10.83	S15°20'52"E					30.26		
C21				1+26.49	52.00	033°31'14"	29.99	30.42	1+10.83	1+41.25
L22	1+41.25	1+91.85	S48°52'06"E					50.60		
C22				2+33.90	202.00	023°31'16"	82.34	82.93	1+91.85	2+74.77
C23				2+88.11	42.00	035°14'45"	25.43	25.84	2+74.77	3+00.61
L23	3+00.61	3+17.40	N72°21'52"E					16.79		
C24				3+32.06	52.00	031°29'07"	28.22	28.58	3+17.40	3+45.98

"W RAB SB to WB"										
Number	Start Sta.	End Sta.	Bearing	P.I. Sta.	Radius	Delta	Tangent	Length	P.C. Sta.	P.T. Sta.
C16				0+36.20	202.00	020°19'21"	71.27	71.65	0+00.00	0+71.65
C17				0+73.88	32.00	007°59'18"	4.46	4.46	0+71.65	0+76.11
L19	0+76.11	1+00.58	N56°37'12"E					24.47		
C18				1+21.63	52.00	044°04'21"	39.02	40.00	1+00.58	1+40.58

"NB OEOP E RAB"										
Number	Start Sta.	End Sta.	Bearing	P.I. Sta.	Radius	Delta	Tangent	Length	P.C. Sta.	P.T. Sta.
C7				0+15.07	52.00	032°19'25"	28.95	29.34	0+00.00	0+29.34
L14	0+29.34	0+71.26	N78°18'42"E					41.93		
C8				1+09.41	55.00	069°29'31"	62.69	66.71	0+71.26	1+37.97
C9				1+74.88	202.00	020°42'31"	72.61	73.01	1+37.97	2+10.98

"W RAB EB EOP"										
Number	Start Sta.	End Sta.	Bearing	P.I. Sta.	Radius	Delta	Tangent	Length	P.C. Sta.	P.T. Sta.
C1				0+17.82	52.00	037°49'57"	33.72	34.34	-0+00.00	0+34.34
L11	0+34.34	0+74.99	S51°14'59"E					40.66		
C2				0+89.09	55.00	028°44'41"	27.30	27.59	0+74.99	1+02.59
C3				1+58.85	202.00	031°07'34"	108.39	109.74	1+02.59	2+12.32
L12	2+12.32	2+61.79	S48°52'06"E					49.46		
C4				2+76.96	52.00	032°32'25"	29.14	29.53	2+61.79	2+91.32
L13	2+91.32	3+02.64	S16°19'42"E					11.32		
C5				3+13.51	32.00	037°32'07"	20.59	20.96	3+02.64	3+23.60
C6				3+47.11	202.00	013°16'23"	46.69	46.80	3+23.60	3+70.40

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: DJI CHECKED: DJI

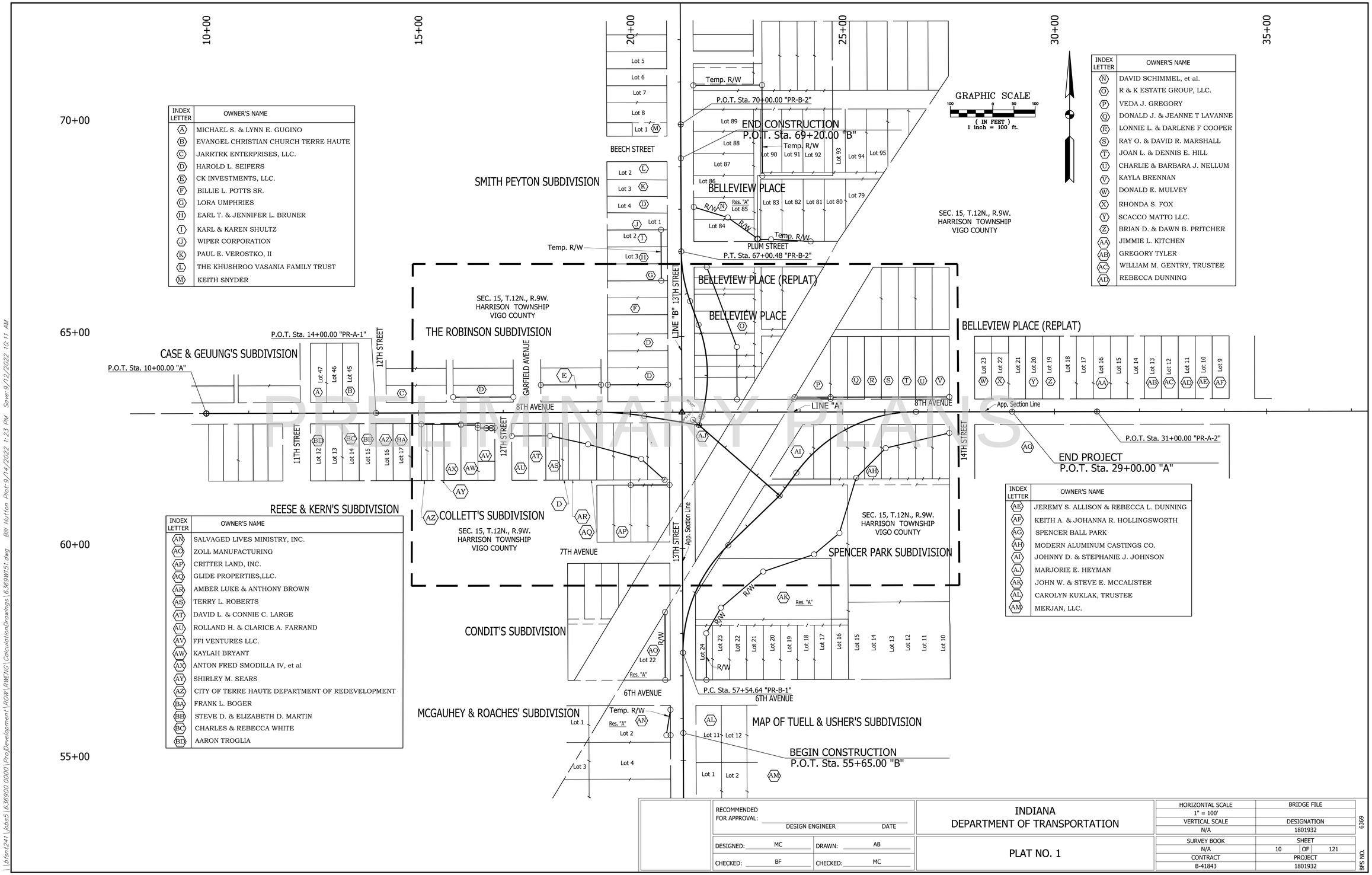
INDIANA
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT
GEOMETRIC LAYOUT

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	8 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369
BFS NO.

\\bfsn1241\jobs5\36900.0000\ProDevelopment\Design\Drawings\6369R261.dwg Bill Hutton Plot:9/14/2022 1:23 PM Save:8/31/2022 9:57 AM



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. SEARS
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

PRELIMINARY PLANS

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: MC | DRAWN: AB
CHECKED: BF | CHECKED: MC

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	10 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369
BFS NO.

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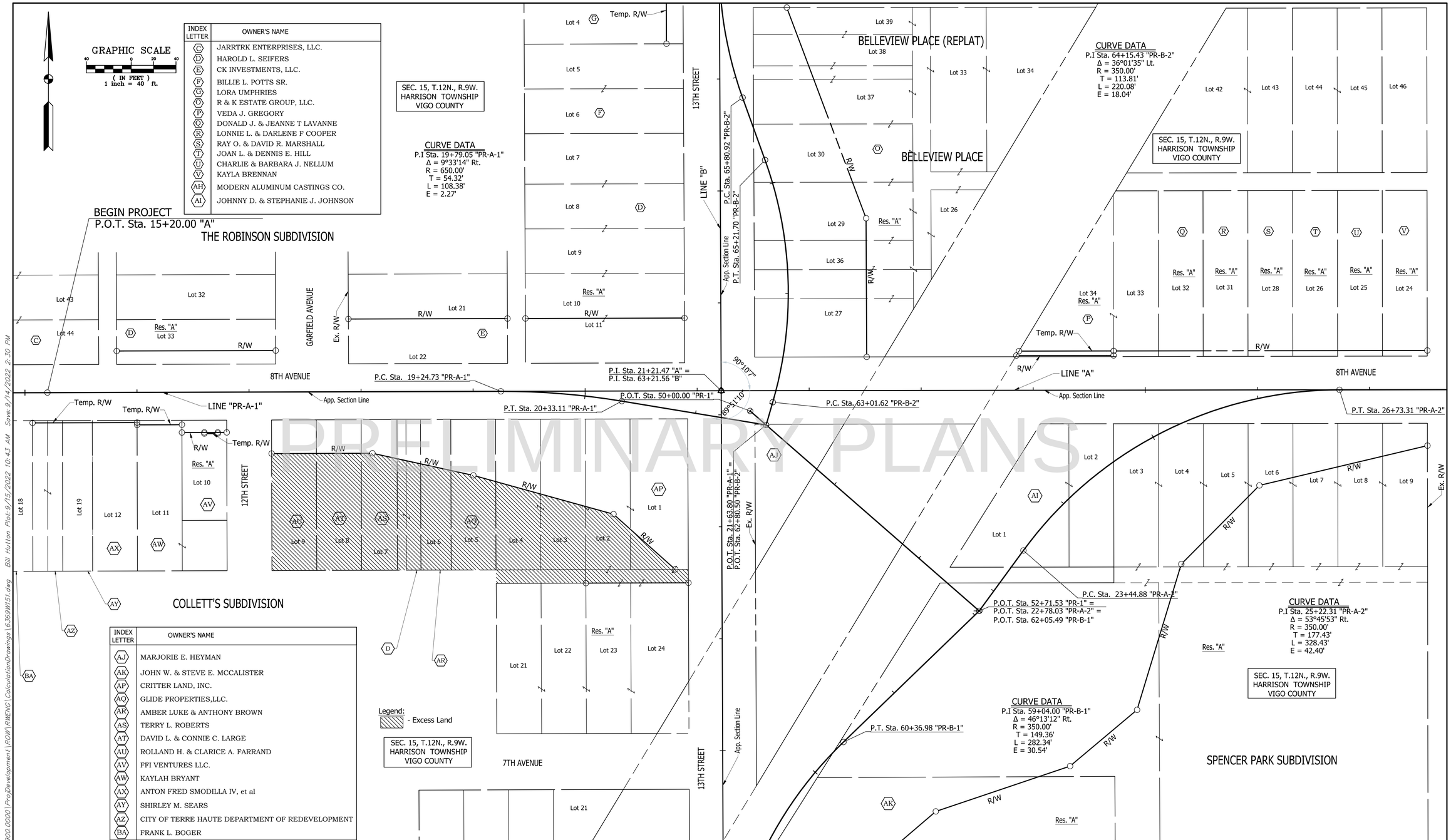

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
		VERTICAL SCALE N/A	DESIGNATION 1801932
DESIGNED: MC DRAWN: AB	PLAT NO. 1	SURVEY BOOK N/A	SHEET 11 OF 121
CHECKED: BF CHECKED: MC		CONTRACT B-41843	PROJECT 1801932

BFS NO. 6369

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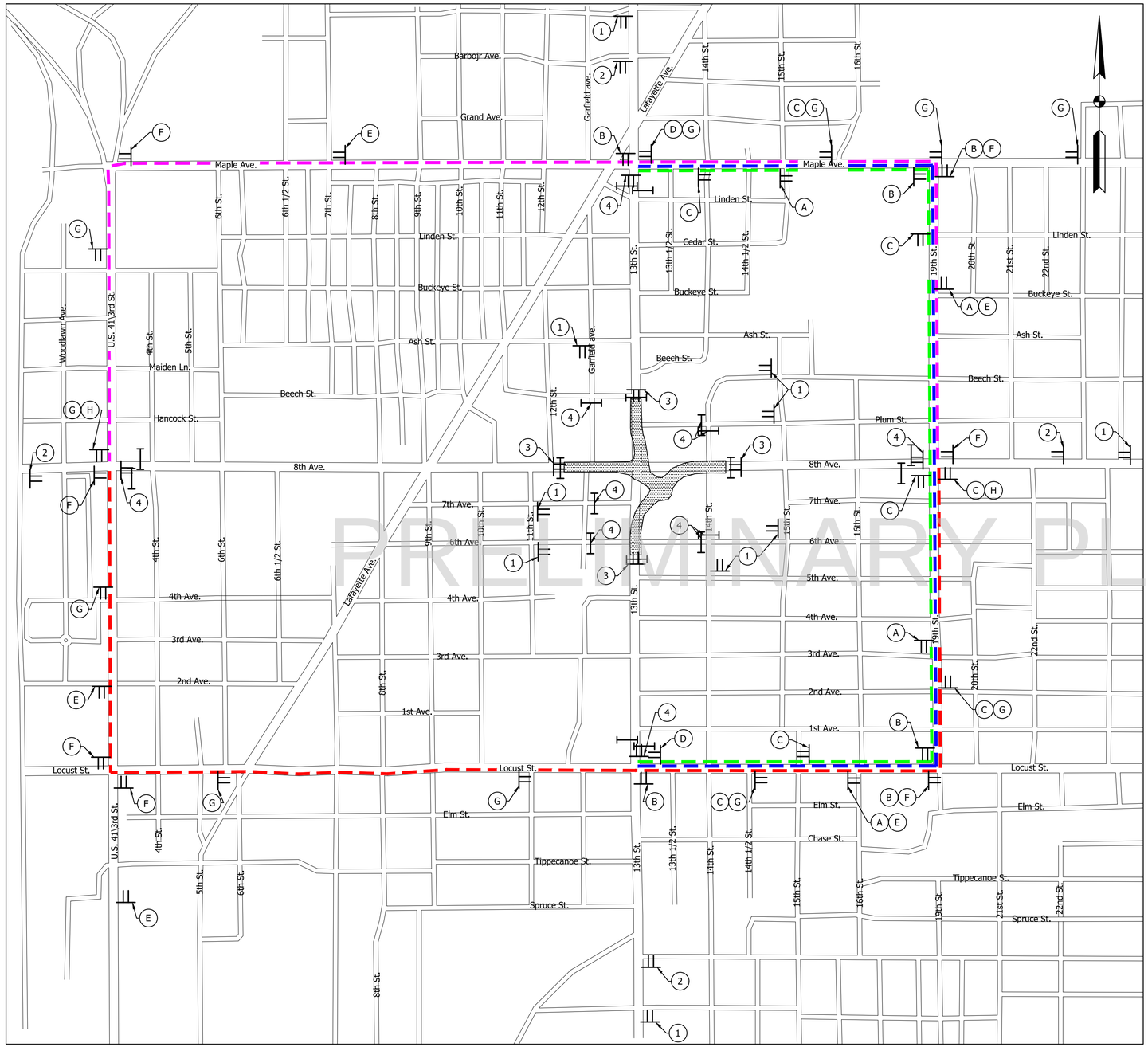
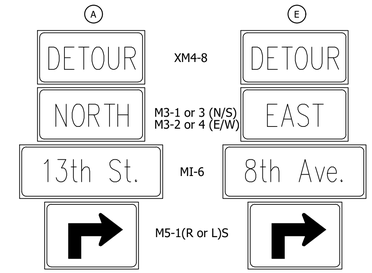
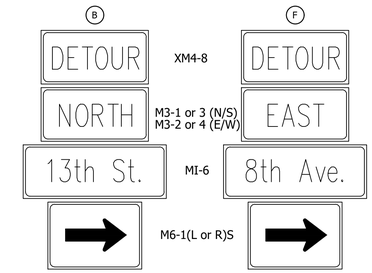


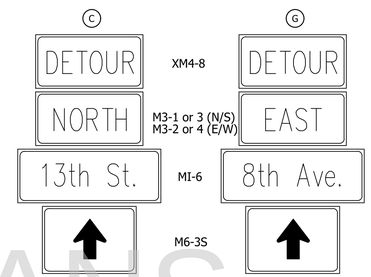
Detour Route
Not To Scale



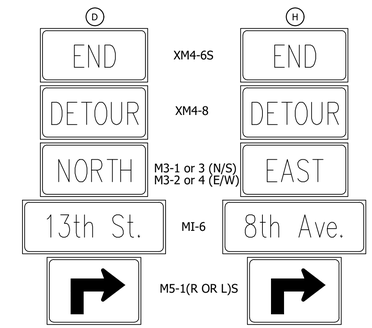
ADVANCE TURN DETOUR
ROUTE MARKER ASSEMBLY
SCALE: NONE



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.
1	ROAD CLOSED AHEAD	R11-2		10
2	DETOUR AHEAD	W20-2		4
3	ROAD CLOSURE SIGN ASSEMBLY			4
4	ROAD CLOSED LOCAL TRAFFIC ONLY	R11-3a		11
A	ADVANCE DETOUR MARKER - 13TH ST.			4
B	DIRECTIONAL DETOUR MARKER - 13TH ST.			6
C	CONFIRMING DETOUR MARKER - 13TH ST.			8
D	END DETOUR MARKER - 13TH ST.			2
E	ADVANCE DETOUR MARKER - 8TH AVE.			5
F	DIRECTIONAL DETOUR MARKER - 8TH AVE.			7
G	CONFIRMING DETOUR MARKER - 8TH AVE.			11
H	END DETOUR MARKER - 8TH AVE.			2

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: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

DETOUR ROUTE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	12 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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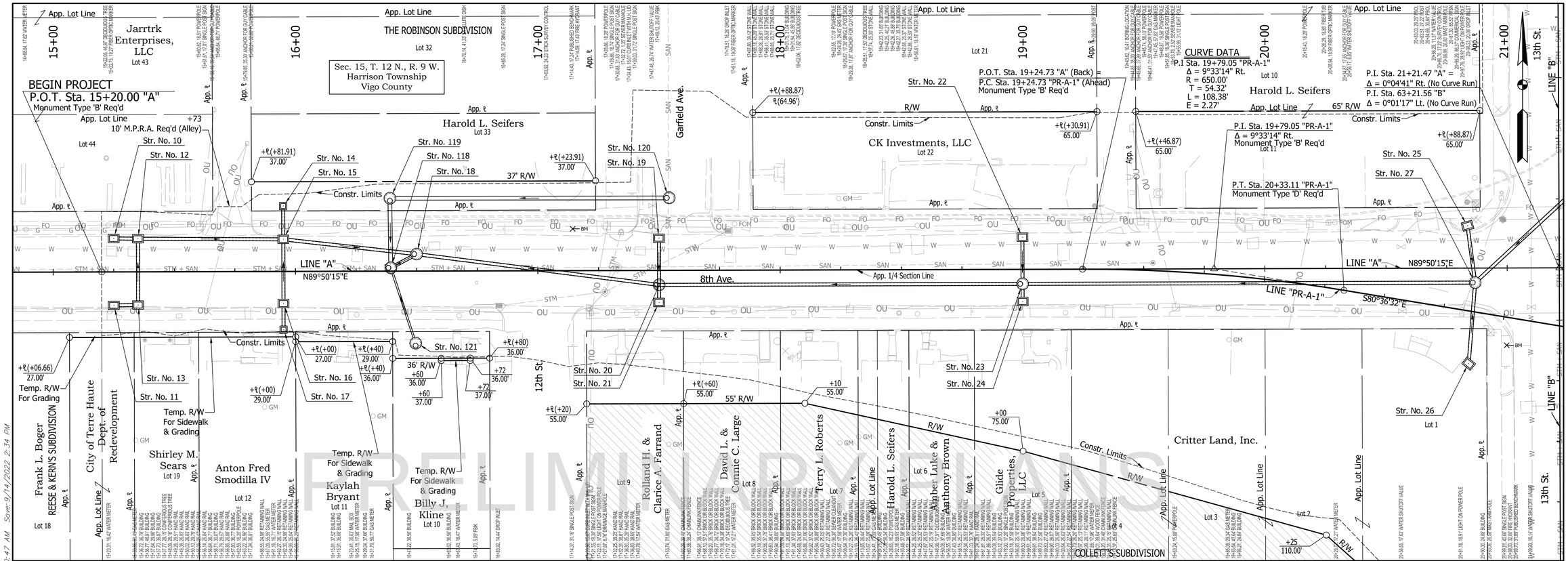


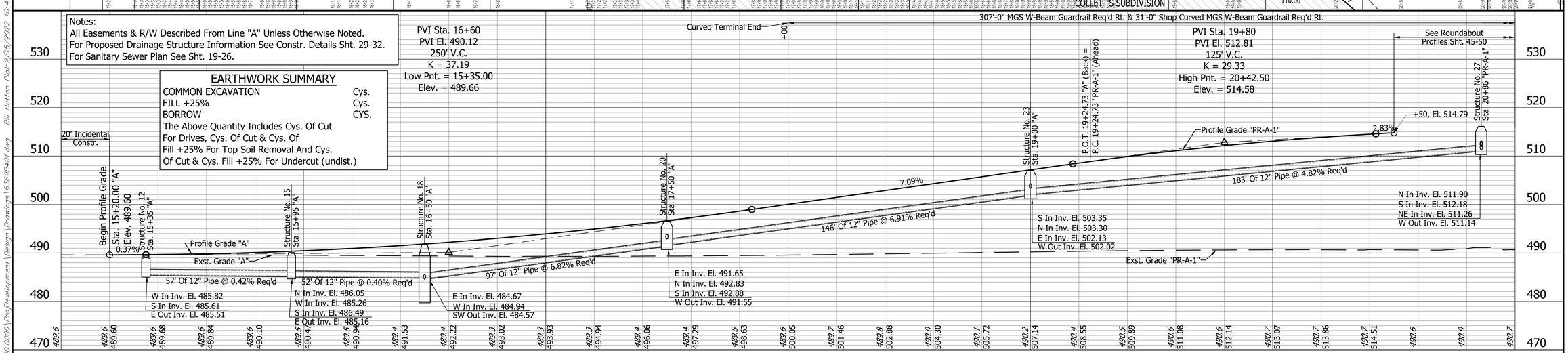
PRELIMINARY PLANS

Notes:
All Easements & R/W Described From Line "A" Unless Otherwise Noted.
For Proposed Drainage Structure Information See Constr. Details Sht. 29-32.
For Sanitary Sewer Plan See Sht. 19-26.

EARTHWORK SUMMARY

COMMON EXCAVATION	Cys.
FILL +25%	Cys.
BORROW	CYS.

The Above Quantity Includes Cys. Of Cut For Drives, Cys. Of Cut & Cys. Of Fill +25% For Top Soil Removal And Cys. Of Cut & Cys. Fill +25% For Undercut (undist.)



- Excess Land

See Sht. 9 For Reference Points & Benchmark Data.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

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

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801932
SURVEY BOOK	SHEET
N/A	13 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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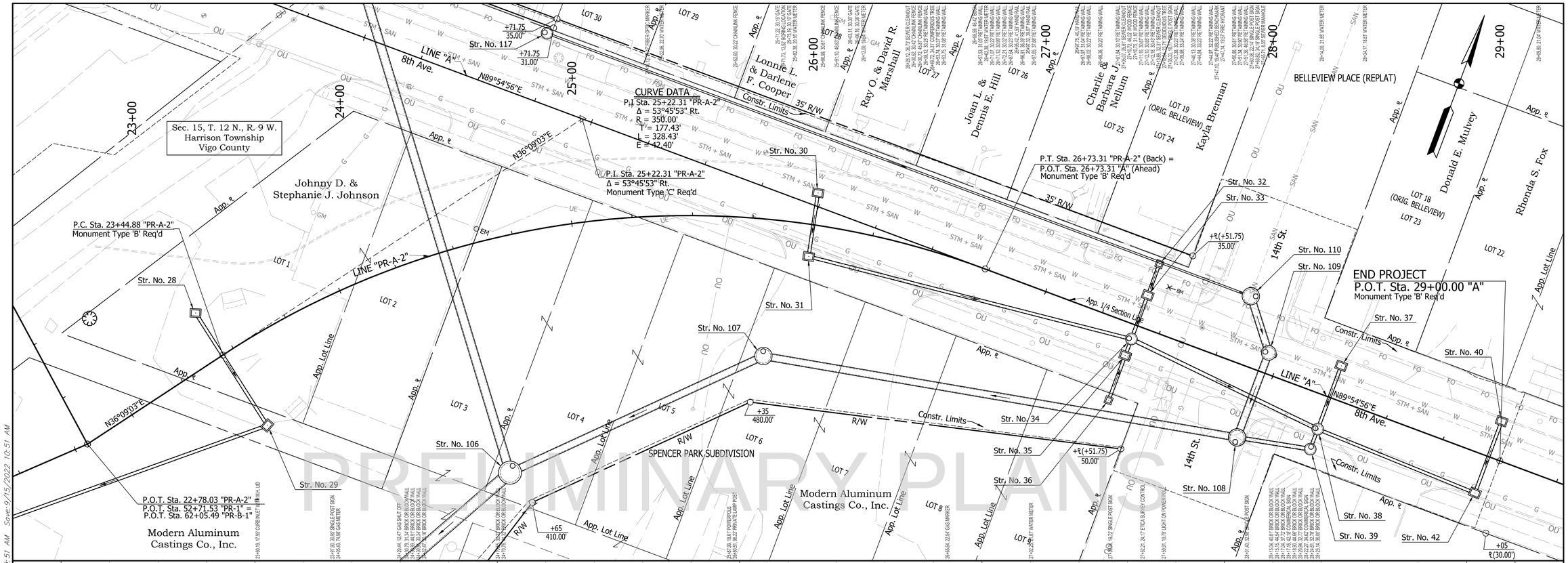

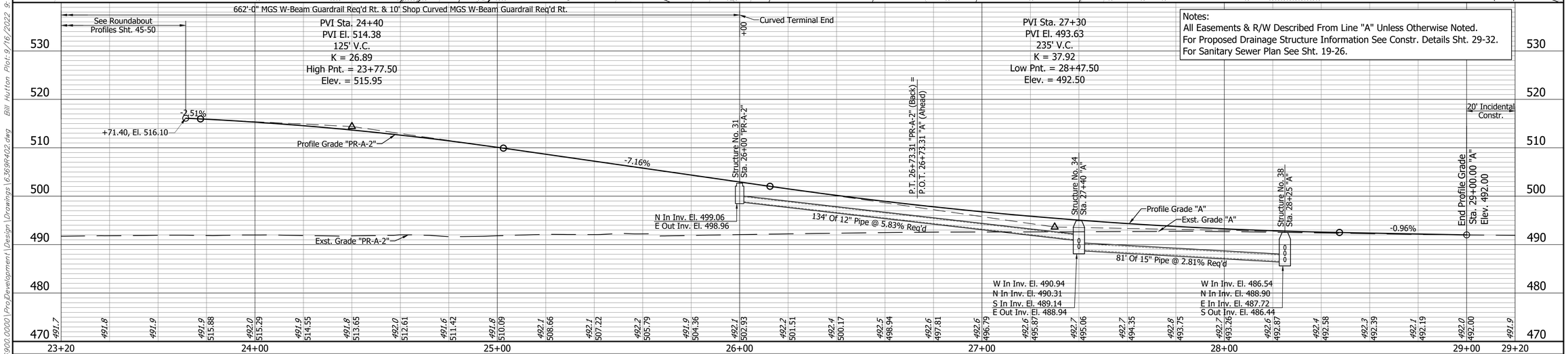

See Sht. 9 For Reference Points & Benchmark Data.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-A-2"
8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801932
SURVEY BOOK	SHEET
N/A	14 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

BFS NO.

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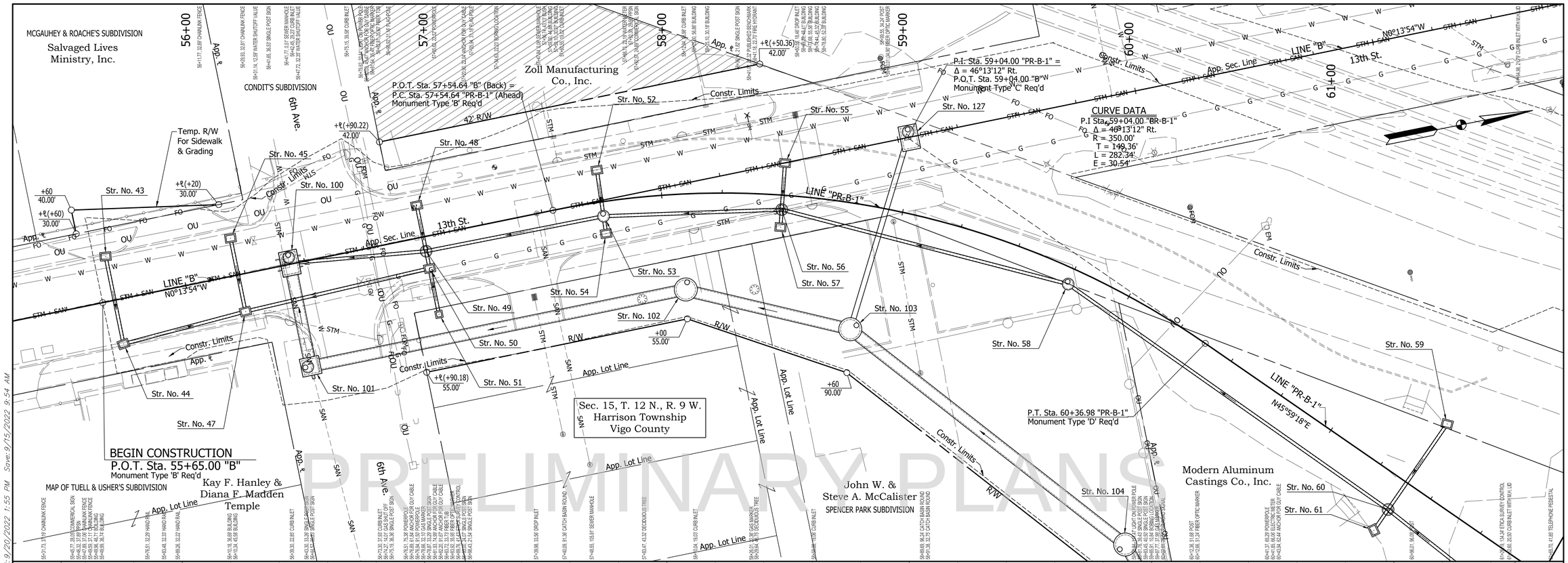
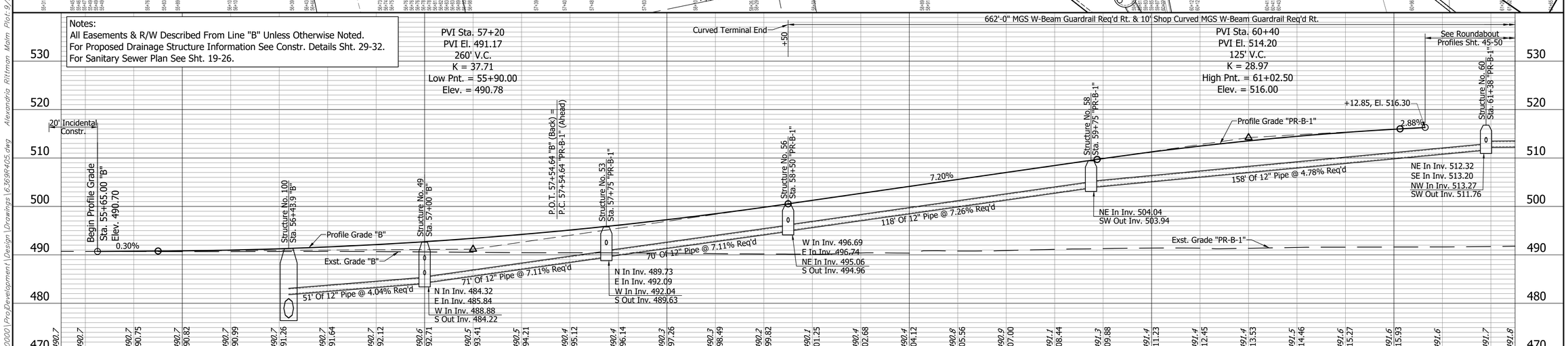


Notes:
All Easements & R/W Described From Line "B" Unless Otherwise Noted.
For Proposed Drainage Structure Information See Constr. Details Sht. 29-32.
For Sanitary Sewer Plan See Sht. 19-26.



- Excess Land

See Sht. 9 For Reference Points & Benchmark Data.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER ____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

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

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801932
SURVEY BOOK	SHEET
N/A	15 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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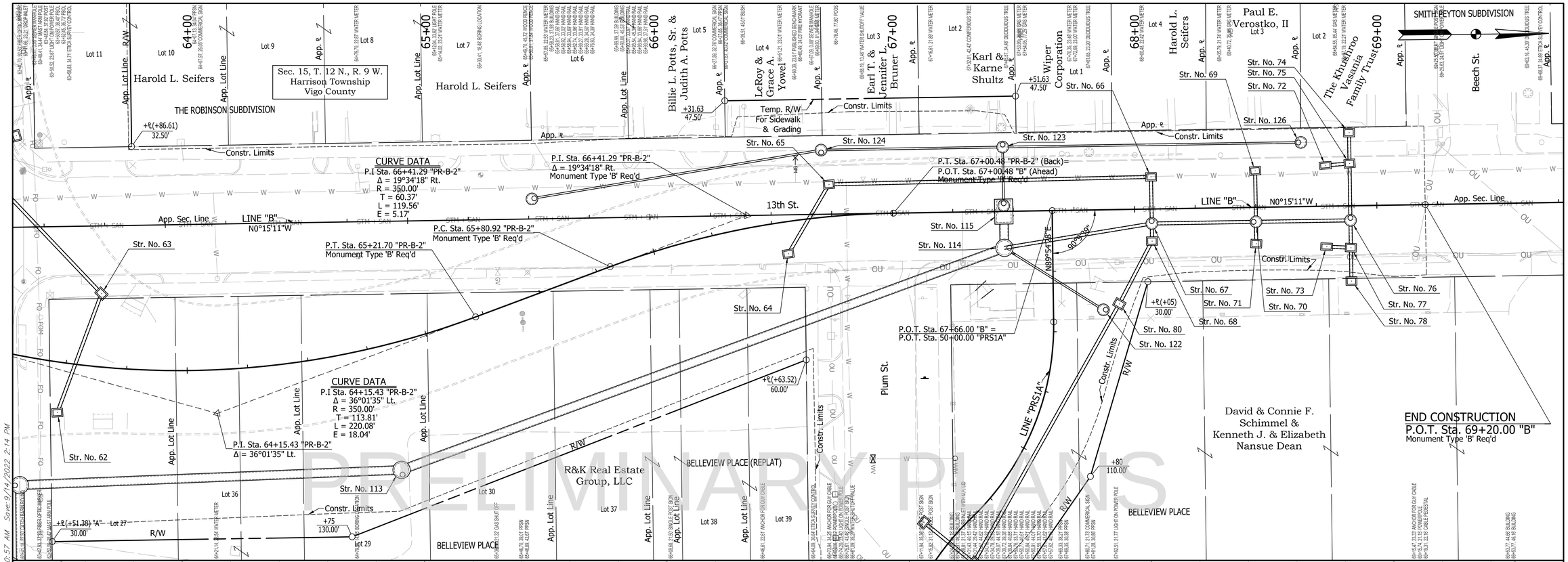

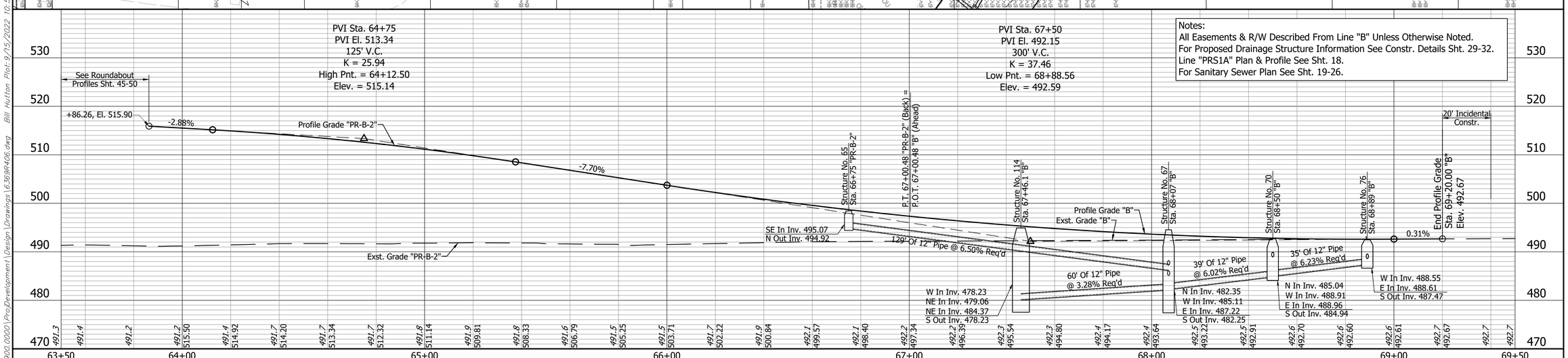

See Sht. 9 For Reference Points & Benchmark Data.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH

CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

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

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801932
SURVEY BOOK	SHEET
N/A	16 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

BFS NO.

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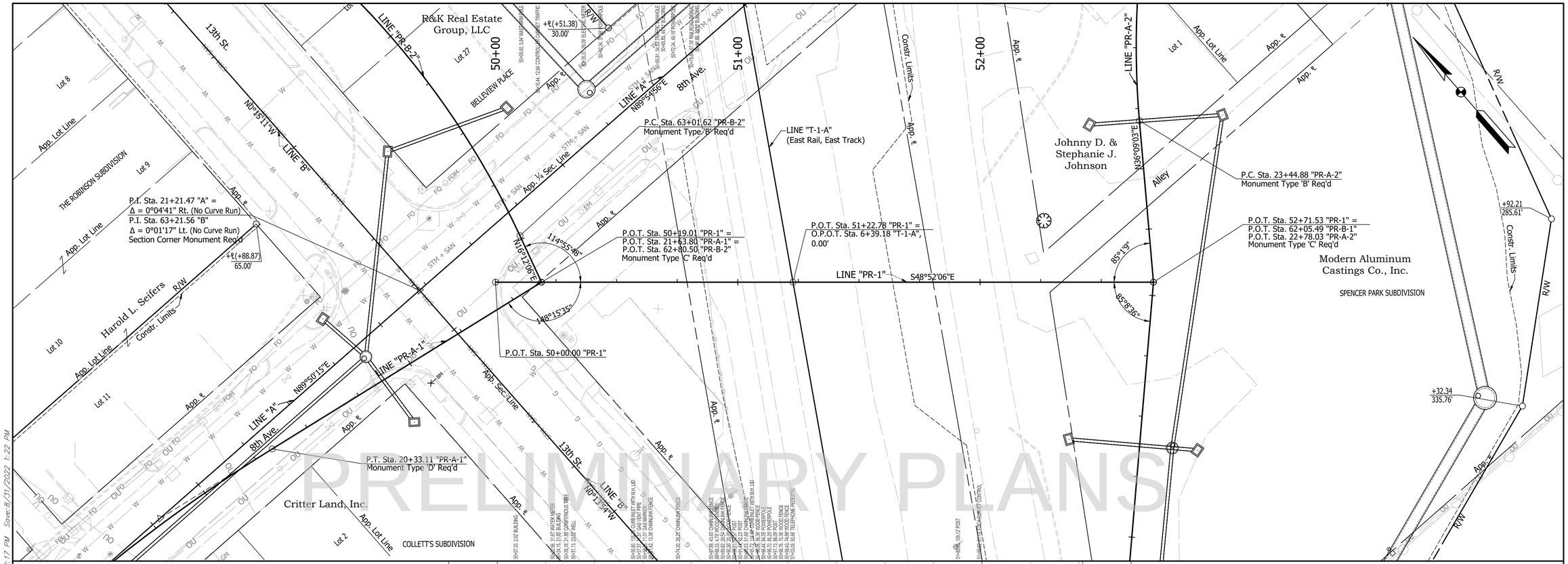
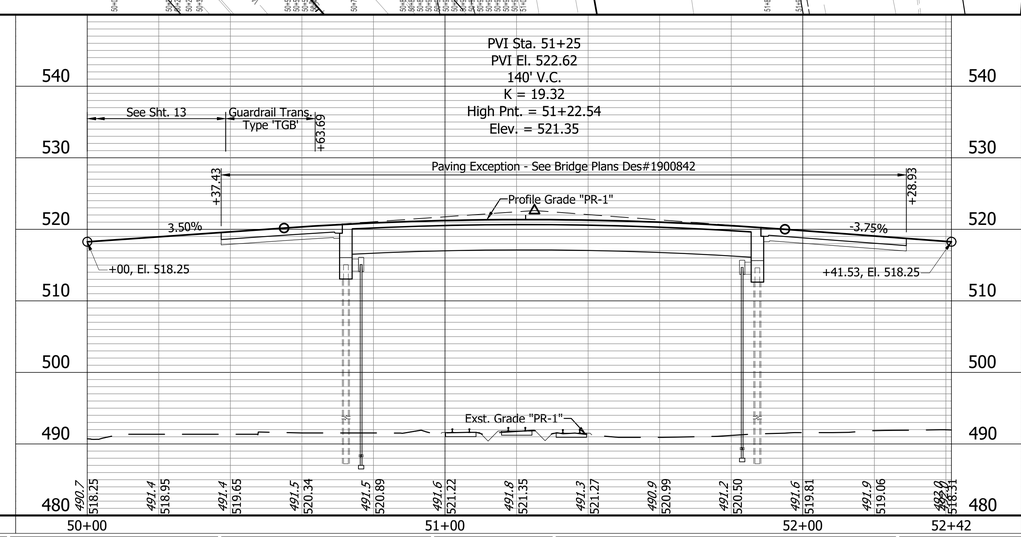


PRELIMINARY PLANS

Notes:
All Easements & R/W Described From Line "A" Unless Otherwise Noted.
For Proposed Drainage Structure Information See Constr. Details Sht. 29-32.
For Sanitary Sewer Plan See Sht. 19-26.



See Sht. 9 For Reference Points & Benchmark Data.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

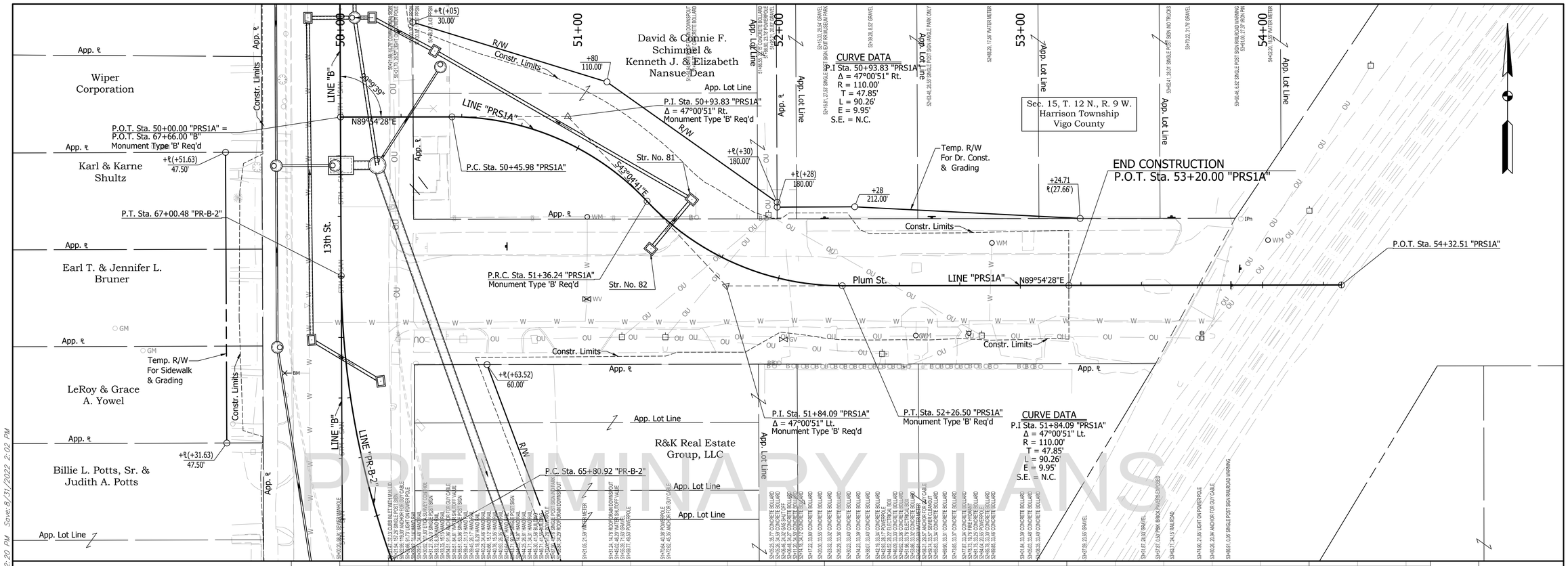
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-1"
BRIDGE o/ CSX RxR

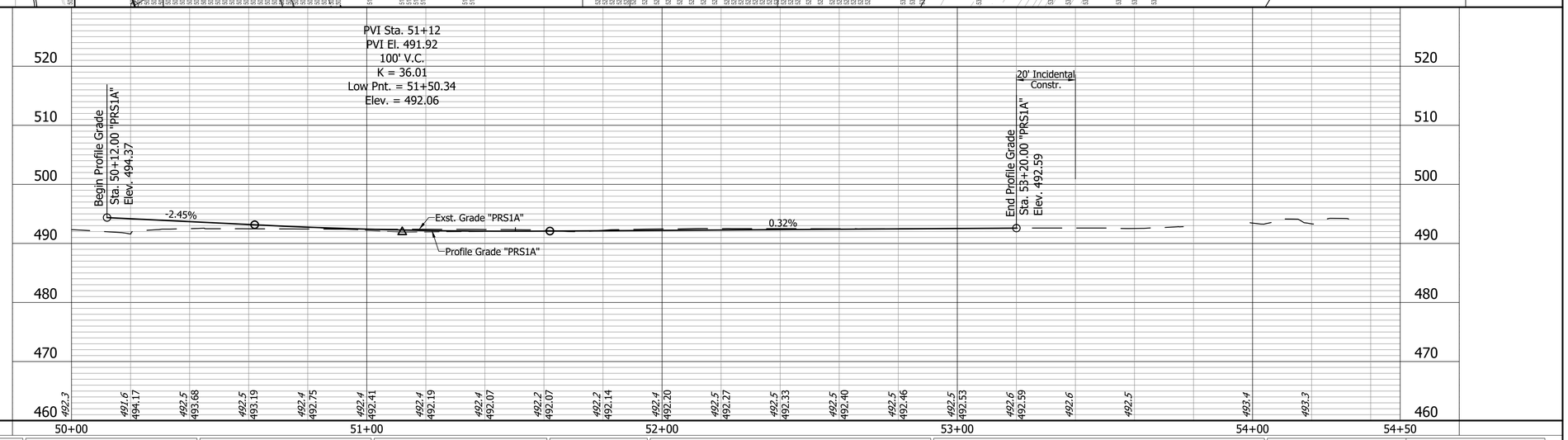
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801932
SURVEY BOOK	SHEET
N/A	17 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

\\bfsn241\jobs5\63900.0000\ProjDevelopment\Design\Drawings\6369R410.dwg Bill Hutton Plot:9/14/2022 2:17 PM Save:8/31/2022 1:22 PM



Notes:
All Easements & R/W Described From Line "B" Unless Otherwise Noted.
Topo Side Notes From Line "PRS1A".
For Line "PR-B-2" Plan & Profile See Sht. 16.
For Proposed Drainage Structure Information See Constr. Details Sht. 29-32.
For Sanitary Sewer Plan See Sht. 19-26.



See Sht. 9 For Reference Points & Benchmark Data.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PRS1A"
PLUM STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1801932
SURVEY BOOK	SHEET
N/A	18 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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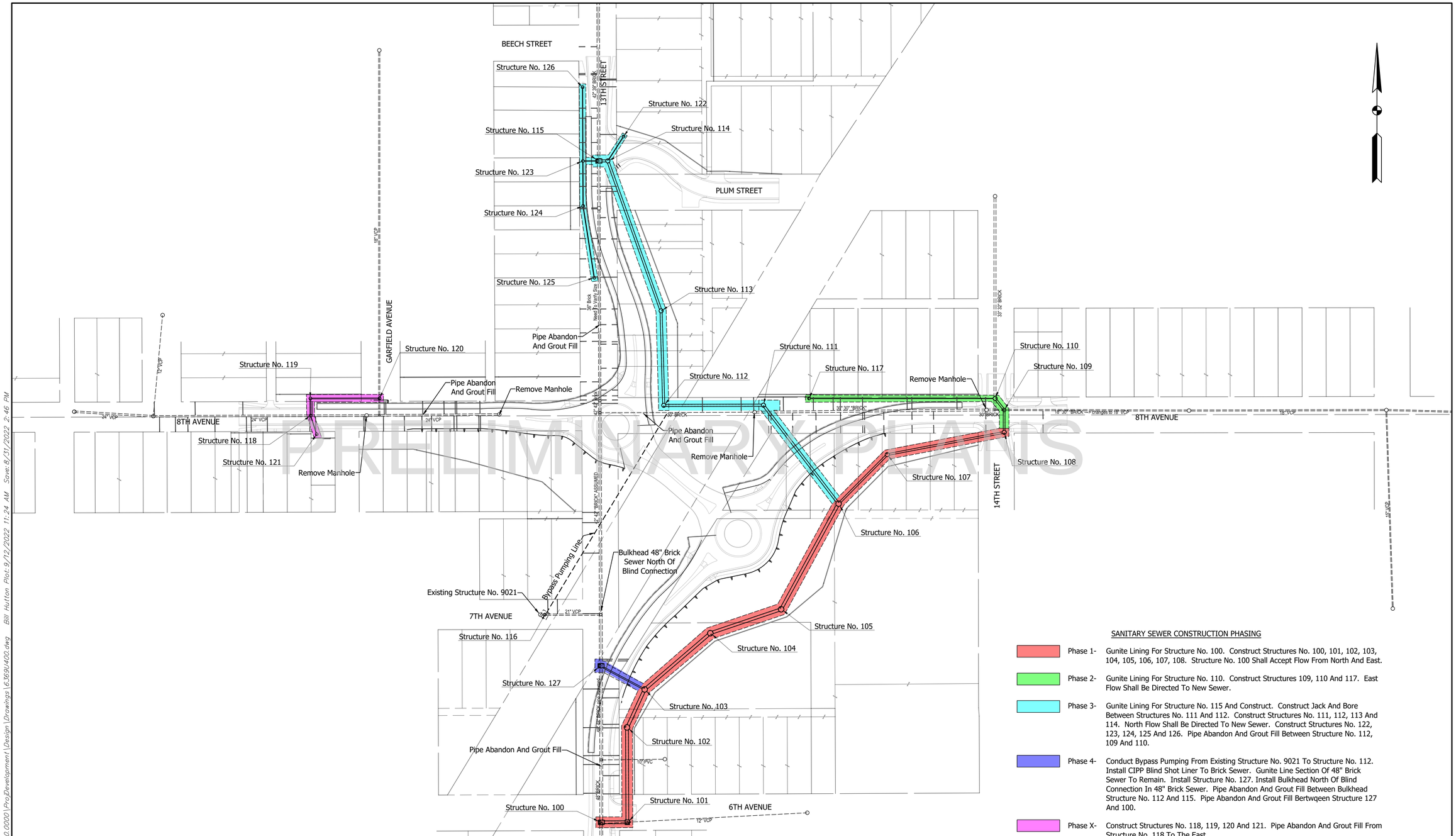

SANITARY SEWER CONSTRUCTION PHASING

Phase 1- Gunite Lining For Structure No. 100. Construct Structures No. 100, 101, 102, 103, 104, 105, 106, 107, 108. Structure No. 100 Shall Accept Flow From North And East.

Phase 2- Gunite Lining For Structure No. 110. Construct Structures 109, 110 And 117. East Flow Shall Be Directed To New Sewer.

Phase 3- Gunite Lining For Structure No. 115 And Construct. Construct Jack And Bore Between Structures No. 111 And 112. Construct Structures No. 111, 112, 113 And 114. North Flow Shall Be Directed To New Sewer. Construct Structures No. 122, 123, 124, 125 And 126. Pipe Abandon And Grout Fill Between Structure No. 112, 109 And 110.

Phase 4- Conduct Bypass Pumping From Existing Structure No. 9021 To Structure No. 112. Install CIPP Blind Shot Liner To Brick Sewer. Gunite Line Section Of 48" Brick Sewer To Remain. Install Structure No. 127. Install Bulkhead North Of Blind Connection In 48" Brick Sewer. Pipe Abandon And Grout Fill Between Bulkhead Structure No. 112 And 115. Pipe Abandon And Grout Fill Bertwqeen Structure 127 And 100.

Phase X- Construct Structures No. 118, 119, 120 And 121. Pipe Abandon And Grout Fill From Structure No. 118 To The East.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE

DESIGNED: J. Meyer DRAWN: G. Nulliner

CHECKED: M. Chmeliwshyj CHECKED: J. Meyer

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PHASING
PROPOSED SANITARY SEWER

HORIZONTAL SCALE	BRIDGE FILE
1"=75'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	19 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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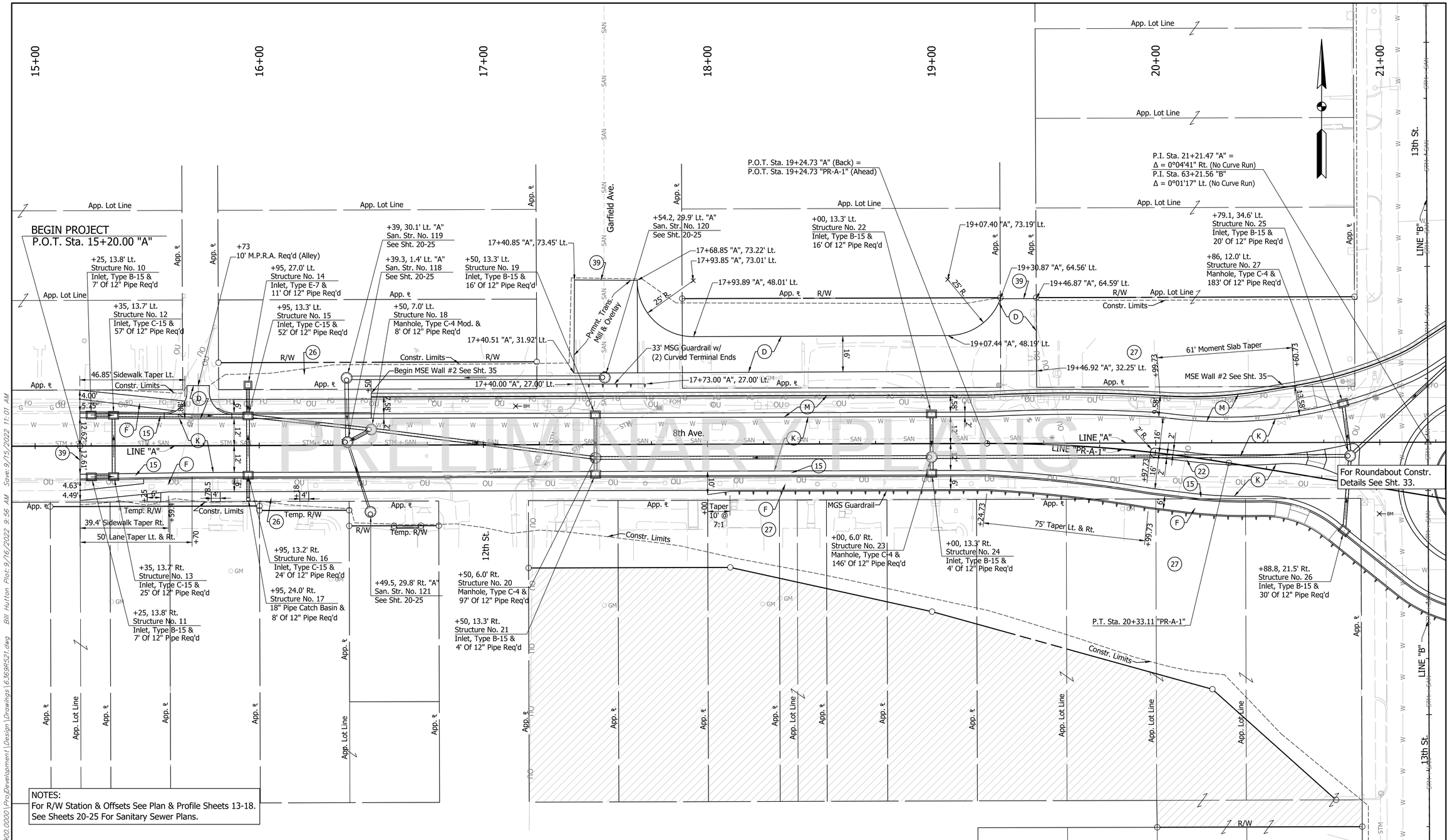

NOTES:
For R/W Station & Offsets See Plan & Profile Sheets 13-18.
See Sheets 20-25 For Sanitary Sewer Plans.

LEGEND

- (D) HMA For Appr. (See Approach Table)
- (F) Concrete Sidewalk
- (K) HMA Pavement (See Typicals)
- (M) Moment Slab (See Typicals)
- (15) 2'-7" Combined Concrete Curb & Gutter
- (22) Conc. Center Curb, Type 'D'
- (26) Sodding
- (27) Seed Mixture, Type 'U'
- (39) Saw Cut, Full Depth
- Conc. Curb Ramp (See Details Sht. 52-55)
- Excess Land

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	29 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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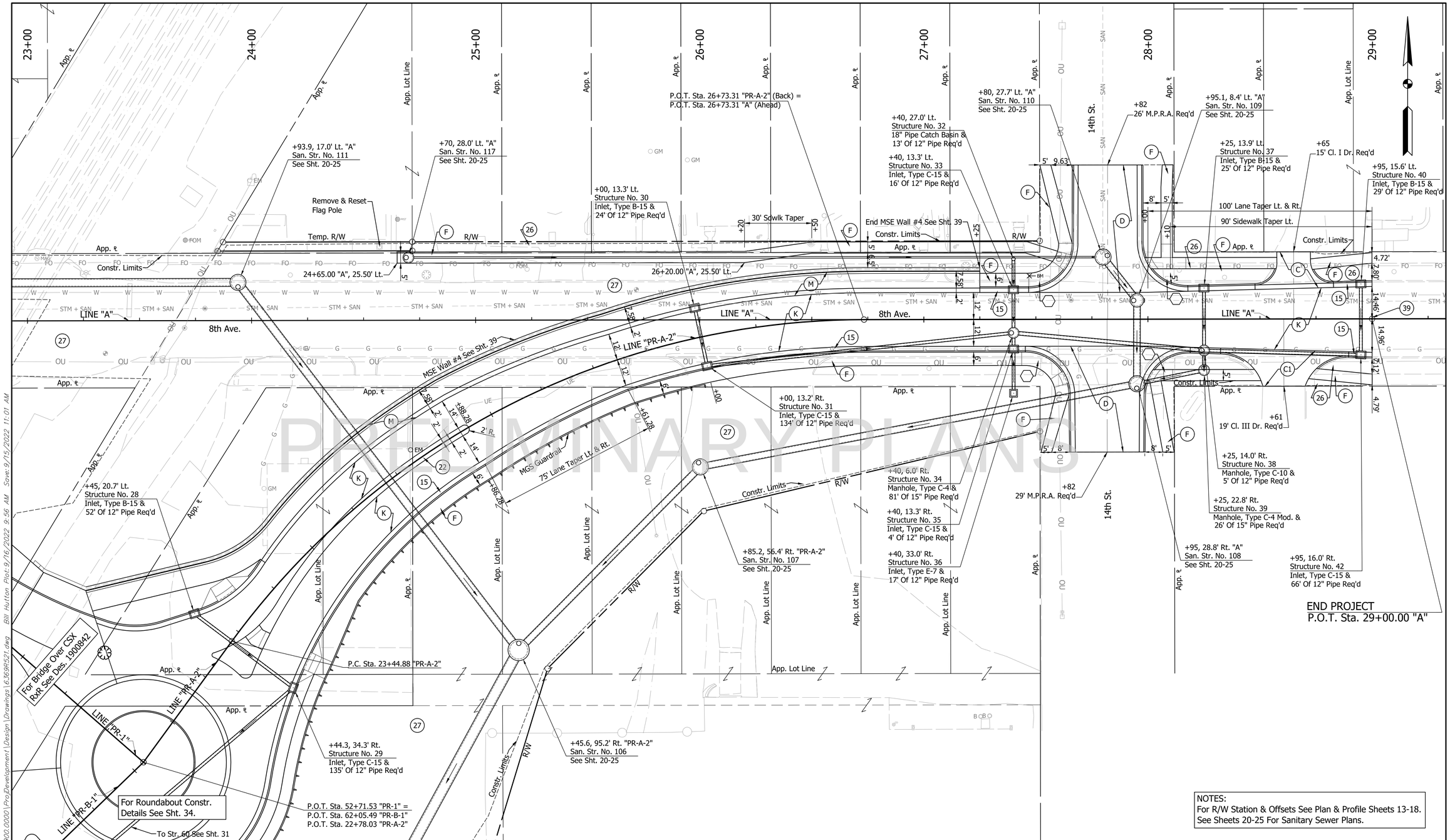

NOTES:
For R/W Station & Offsets See Plan & Profile Sheets 13-18.
See Sheets 20-25 For Sanitary Sewer Plans.

LEGEND

(C) Concrete Pavement For Drives, 6"	(K) HMA Pavement (See Typicals)	(26) Sodding
(C1) Concrete Pavement For Drives, 9"	(M) Moment Slab (See Typicals)	(27) Seed Mixture, Type 'U'
(D) HMA For Approaches (See Approach Table)	(15) 2'-7" Combined Concrete Curb & Gutter	(39) Saw Cut, Full Depth
(F) Concrete Sidewalk	(22) Conc. Center Curb, Type 'D'	⬡ Conc. Curb Ramp (See Details Sht. 52-55)

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	30 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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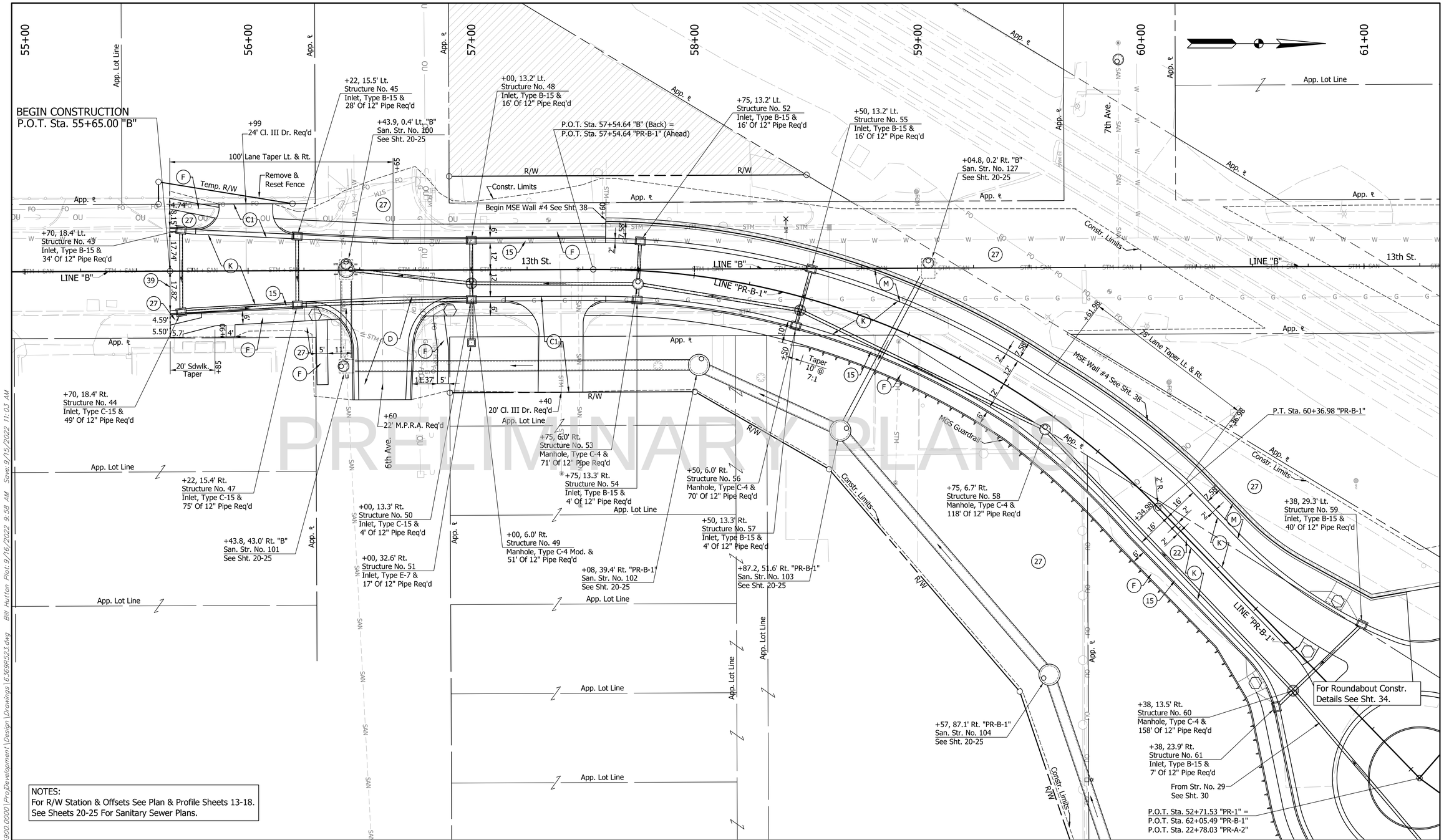

NOTES:
For R/W Station & Offsets See Plan & Profile Sheets 13-18.
See Sheets 20-25 For Sanitary Sewer Plans.

LEGEND

- (C) Concrete Pavement For Drives, 6"
- (C1) Concrete Pavement For Drives, 9"
- (D) HMA For Approaches (See Approach Table)
- (F) Concrete Sidewalk
- (K) HMA Pavement (See Typicals)
- (M) Moment Slab (See Typicals)
- (15) 2'-7" Combined Concrete Curb & Gutter
- (22) Conc. Center Curb, Type 'D'
- (27) Seed Mixture, Type 'U'
- (39) Saw Cut, Full Depth
- Conc. Curb Ramp (See Details Sht. 52-55)
- Excess Land

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW | DRAWN: BEH
CHECKED: DJI | CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	31 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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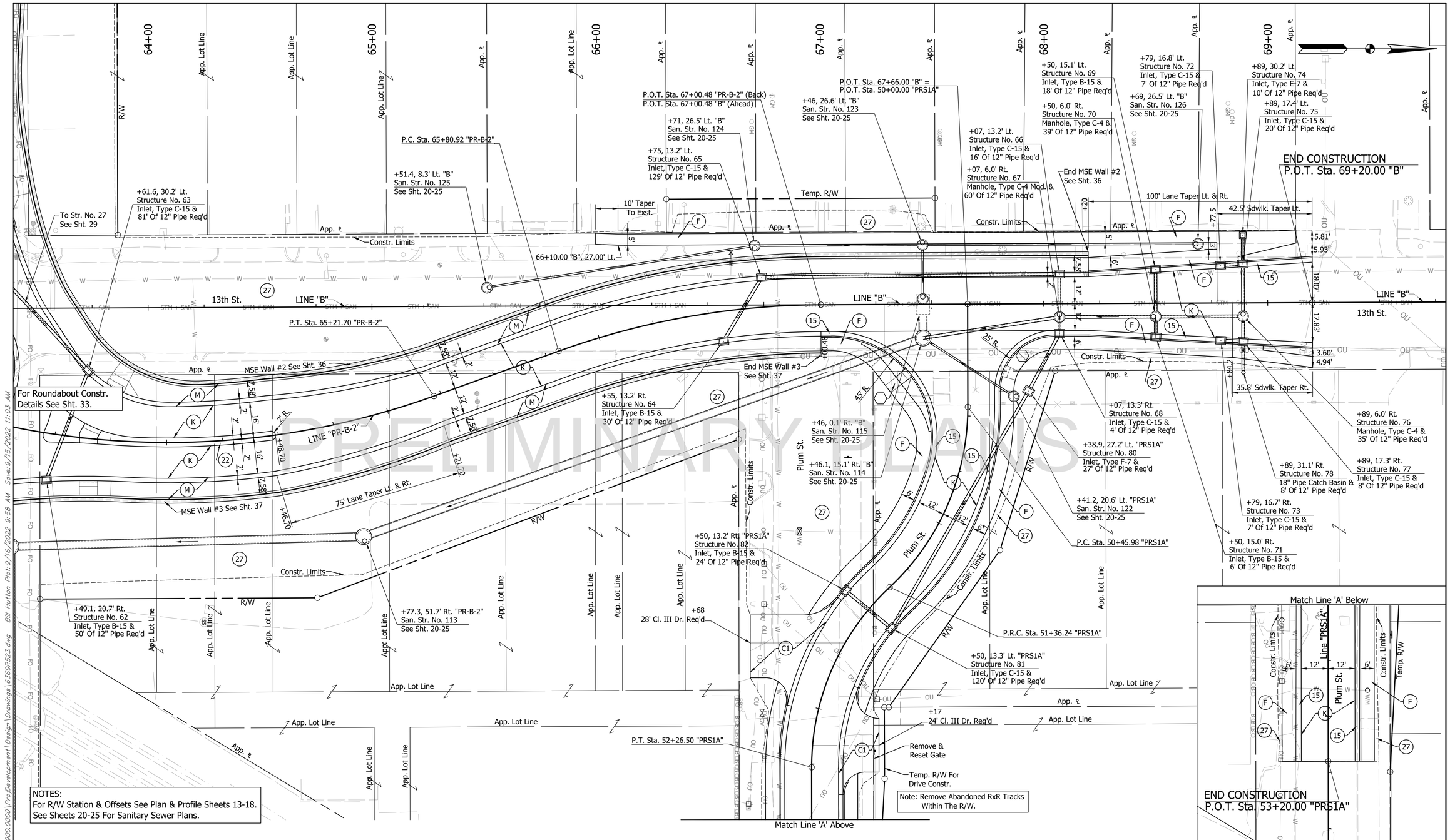

NOTES:
For R/W Station & Offsets See Plan & Profile Sheets 13-18.
See Sheets 20-25 For Sanitary Sewer Plans.

LEGEND

- (C) Concrete Pavement For Drives, 6"
- (C1) Concrete Pavement For Drives, 9"
- (D) HMA For Approaches (See Approach Table)
- (F) Concrete Sidewalk
- (K) HMA Pavement (See Typicals)
- (M) Moment Slab (See Typicals)
- (15) 2'-7" Combined Concrete Curb & Gutter
- (22) Conc. Center Curb, Type 'D'
- (27) Seed Mixture, Type 'U'
- (39) Saw Cut, Full Depth
- Conc. Curb Ramp (See Details Sht. 52-55)

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW | DRAWN: BEH
CHECKED: DJI | CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	32 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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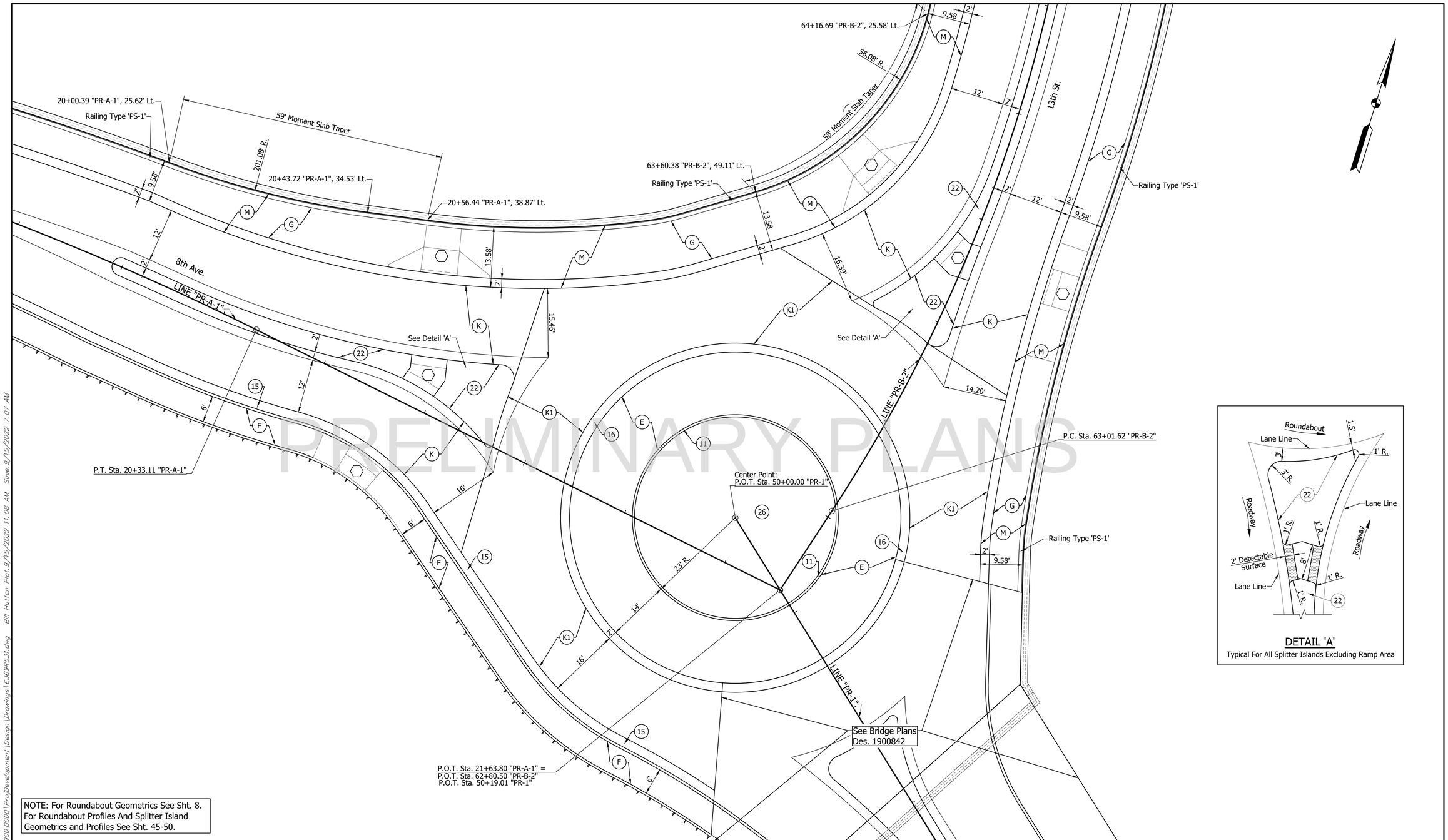

PRELIMINARY PLANS

NOTE: For Roundabout Geometrics See Sht. 8.
For Roundabout Profiles And Splitter Island
Geometrics and Profiles See Sht. 45-50.

LEGEND

- (E) Concrete Truck Apron (See Typicals)
- (F) Concrete Sidewalk
- (G) Concrete 'C', Superstructure
- (K) HMA Pavement (See Typicals)
- (K1) HMA Pavement (See Typicals)
- (M) Moment Slab (See Typicals)
- (11) Integral Concrete Curb
- (15) 2'-7" Comb. Conc. Curb & Gutter
- (16) Mod. Comb. Conc. Rolled Curb & Gutter
- (22) Conc. Center Curb, Type 'D'
- (26) Sodding
- (⬡) Conc. Curb Ramp (See Details Sht. 52-55)

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT CONSTRUCTION DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	33 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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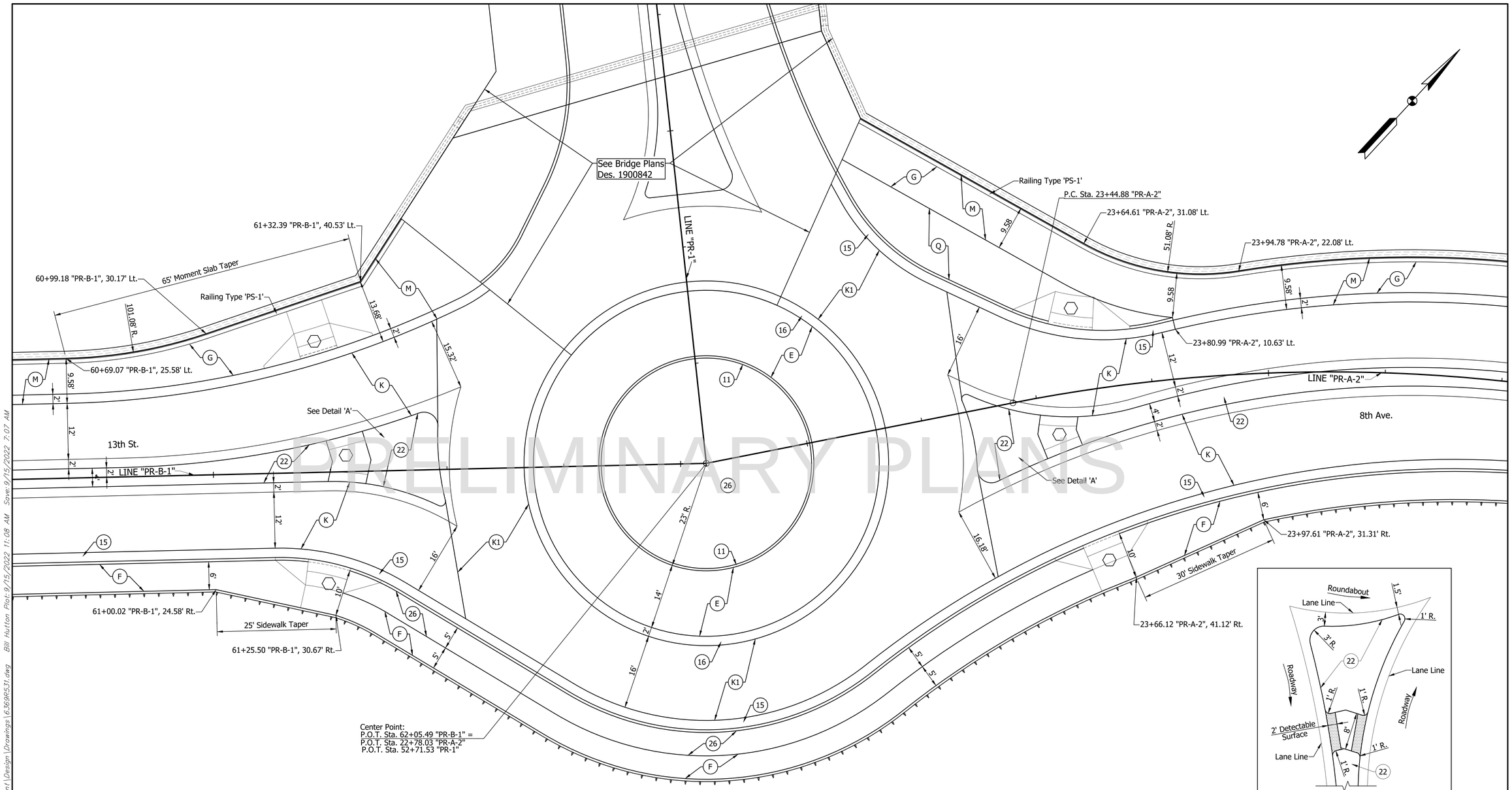

PRELIMINARY PLANS

NOTE: For Roundabout Geometrics See Sht. 8.
For Roundabout Profiles And Splitter Island
Geometrics and Profiles See Sht. 45-50.

LEGEND

- (E) Concrete Truck Apron (See Typicals)
- (F) Concrete Sidewalk
- (G) Concrete 'C', Superstructure
- (K) HMA Pavement (See Typicals)
- (K1) HMA Pavement (See Typicals)
- (M) Moment Slab (See Typicals)
- (Q) 6" PCCP on 4" Comp. Agg. For Base, 53
- (11) Integral Concrete Curb
- (15) 2'-7" Comb. Conc. Curb & Gutter
- (16) Comb. Conc. Rolled Curb & Gutter
- (22) Conc. Center Curb, Type 'D'
- (26) Sodding
- (27) Seed Mixture, Type 'U'
- Conc. Curb Ramp (See Details Sht. 52-55)

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT CONSTRUCTION DETAIL

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	34 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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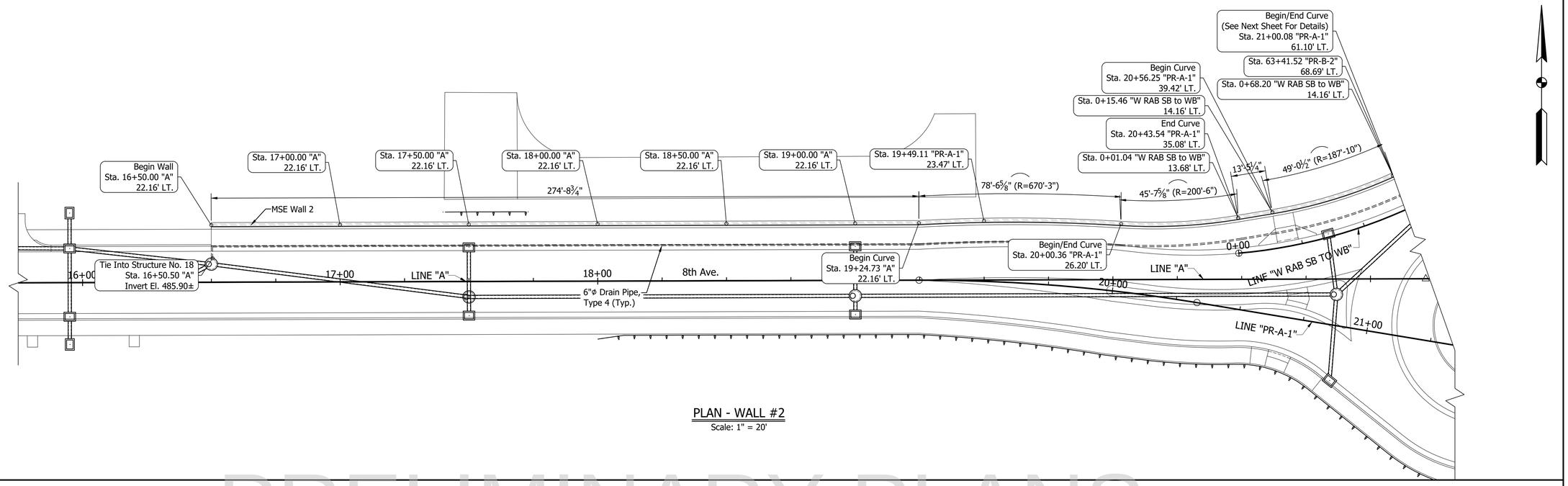
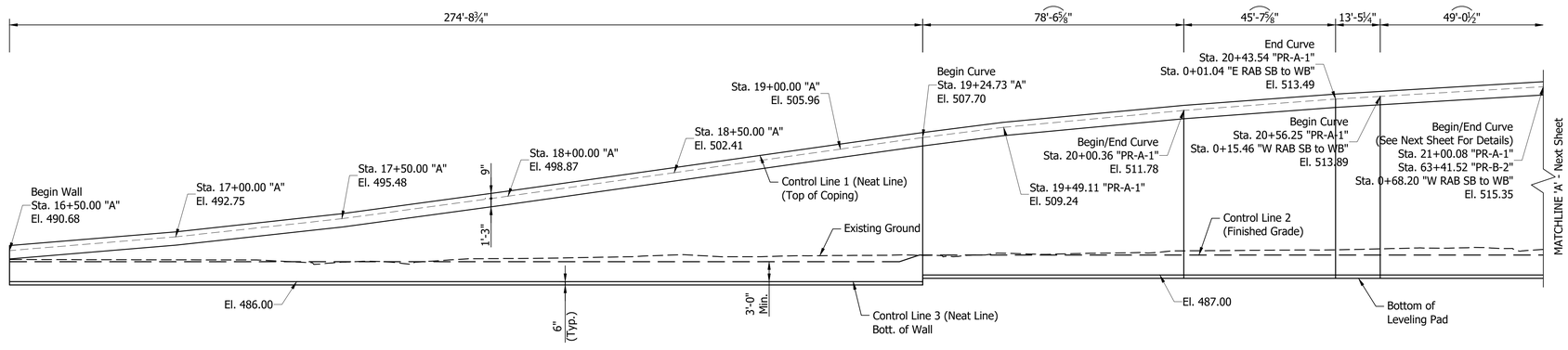


PLAN - WALL #2

Scale: 1" = 20'

PRELIMINARY PLANS



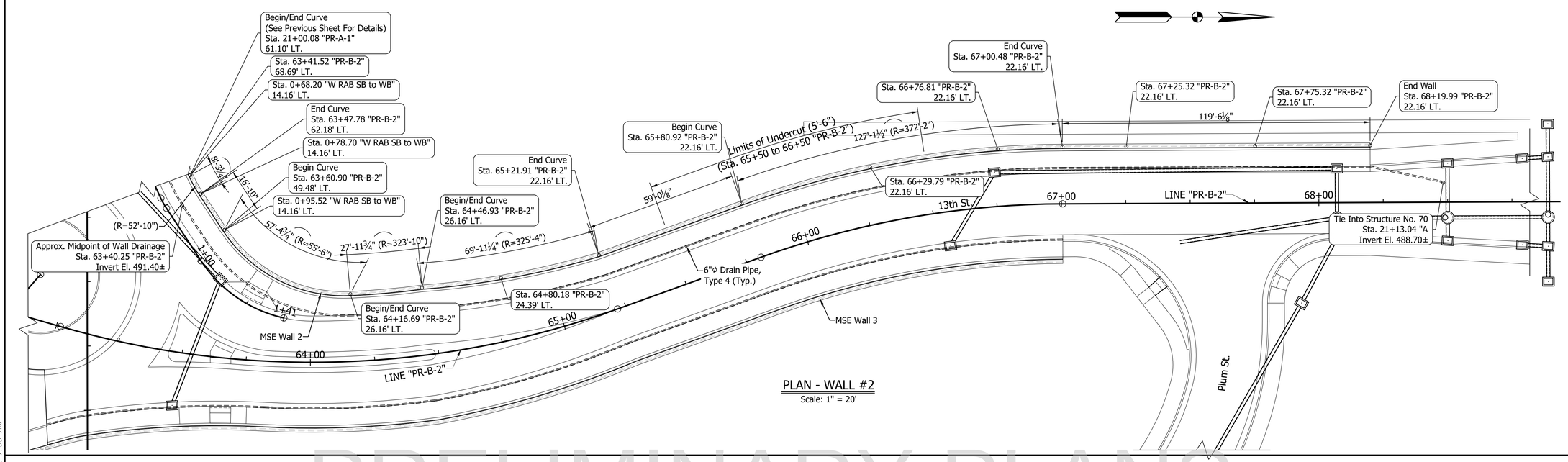
ELEVATION - WALL #2

Scale: 1" = 20' Horz / 1" = 10' Vert.

\b/sn1241\job5\636900.0000\ProDevelopment\Design\Drawings\636900.dwg Bill Hutton Plot:9/15/2022 11:10 AM Save:8/31/2022 7:53 AM

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: AS NOTED	BRIDGE FILE
		VERTICAL SCALE: AS NOTED	DESIGNATION: 1801932
DESIGNED: D. ISAACS DRAWN: D. PIERCEFIELD	MSE WALL DETAILS WALL #2	SURVEY BOOK: N/A	SHEET: 35 OF 121
CHECKED: M. EICHENAUER CHECKED: M. EICHENAUER		CONTRACT: B-41843	PROJECT: 1801932

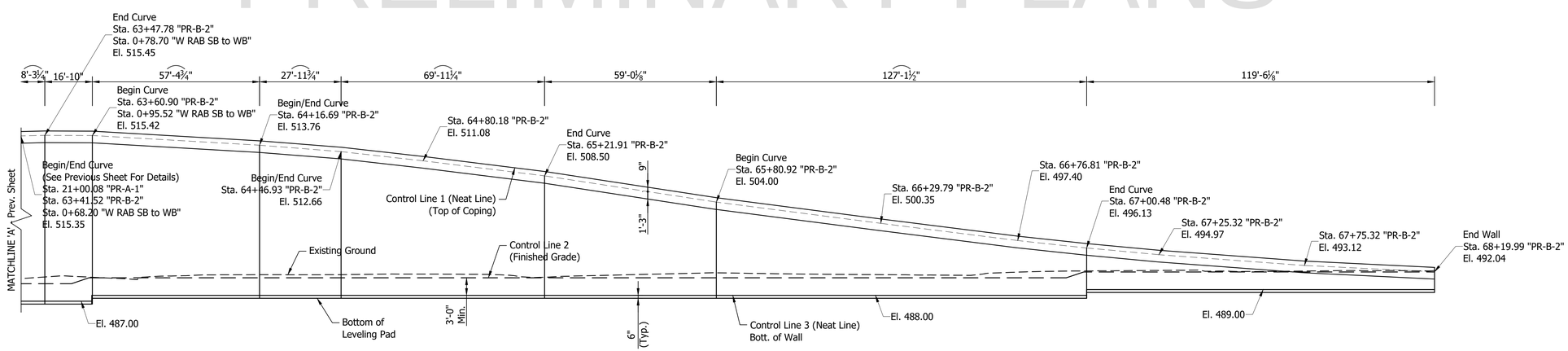
BFS NO. 6369



PLAN - WALL #2

Scale: 1" = 20'

PRELIMINARY PLANS



ELEVATION - WALL #2

Scale: 1" = 20' Horz / 1" = 10' Vert.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: AS NOTED	BRIDGE FILE
		VERTICAL SCALE: AS NOTED	DESIGNATION: 1801932
DESIGNED: D. ISAACS DRAWN: D. PIERCEFIELD	MSE WALL DETAILS WALL #2	SURVEY BOOK: N/A	SHEET: 36 OF 121
CHECKED: M. EICHENAUER CHECKED: M. EICHENAUER		CONTRACT: B-41843	PROJECT: 1801932

BFS NO. 6369

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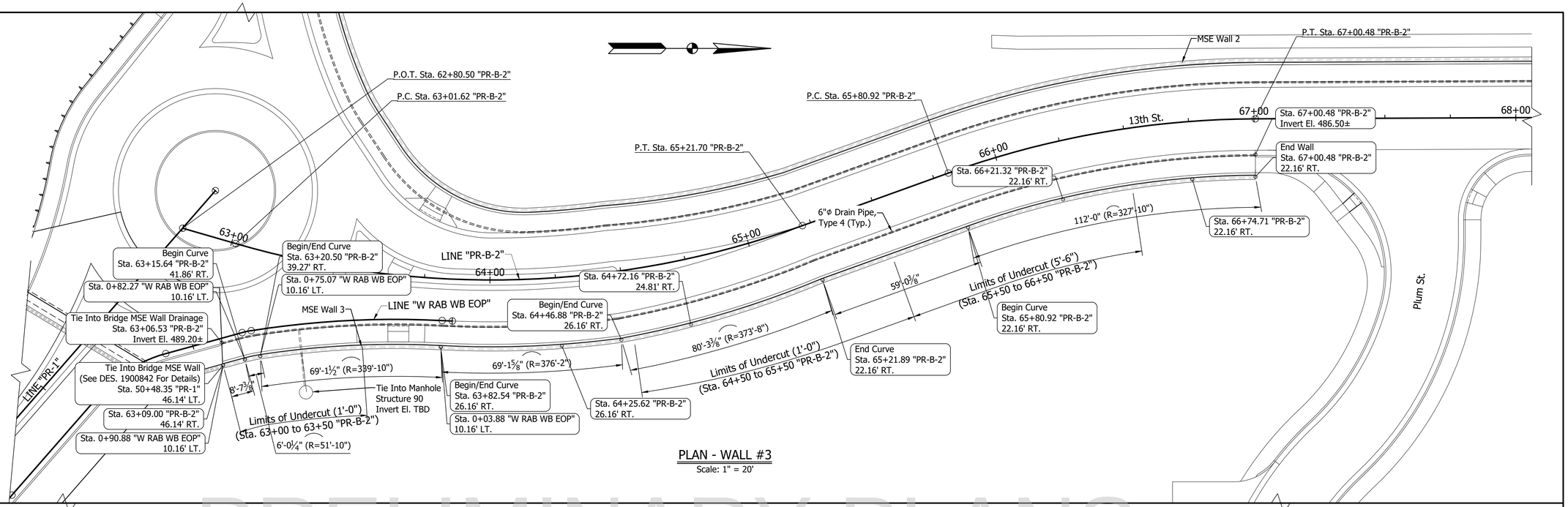
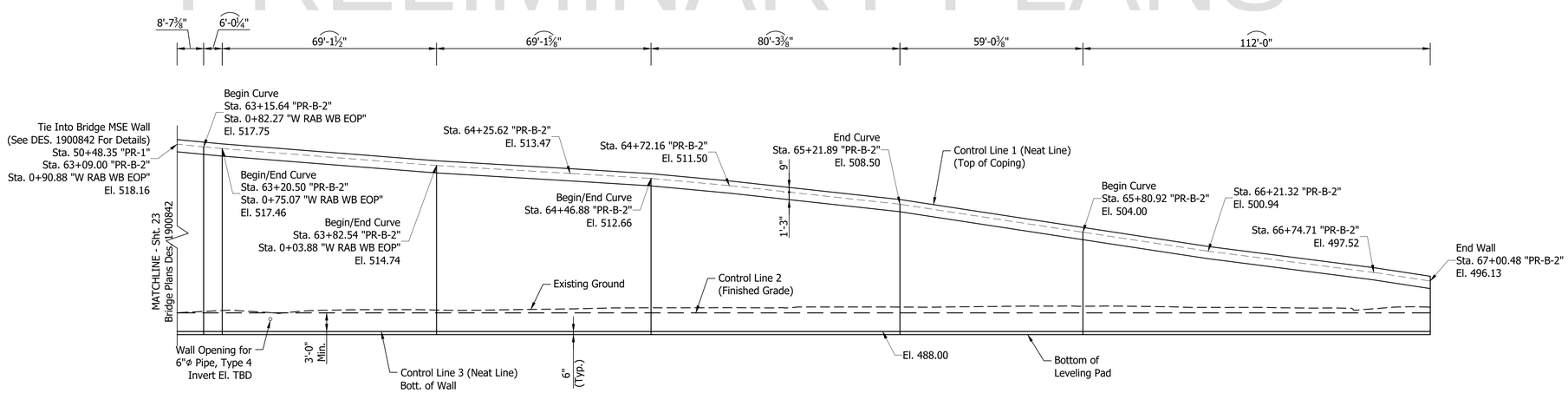


PLAN - WALL #3

Scale: 1" = 20'

PRELIMINARY PLANS



ELEVATION - WALL #3

Scale: 1" = 20' Horz / 1" = 10' Vert.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: AS NOTED	BRIDGE FILE
		VERTICAL SCALE: AS NOTED	DESIGNATION: 1801932
DESIGNED: D. ISAACS DRAWN: D. PIERCEFIELD	MSE WALL DETAILS WALL #3	SURVEY BOOK: N/A	SHEET: 37 OF 121
CHECKED: M. EICHENAUER CHECKED: M. EICHENAUER		CONTRACT: B-41843	PROJECT: 1801932

BFS NO. 6369

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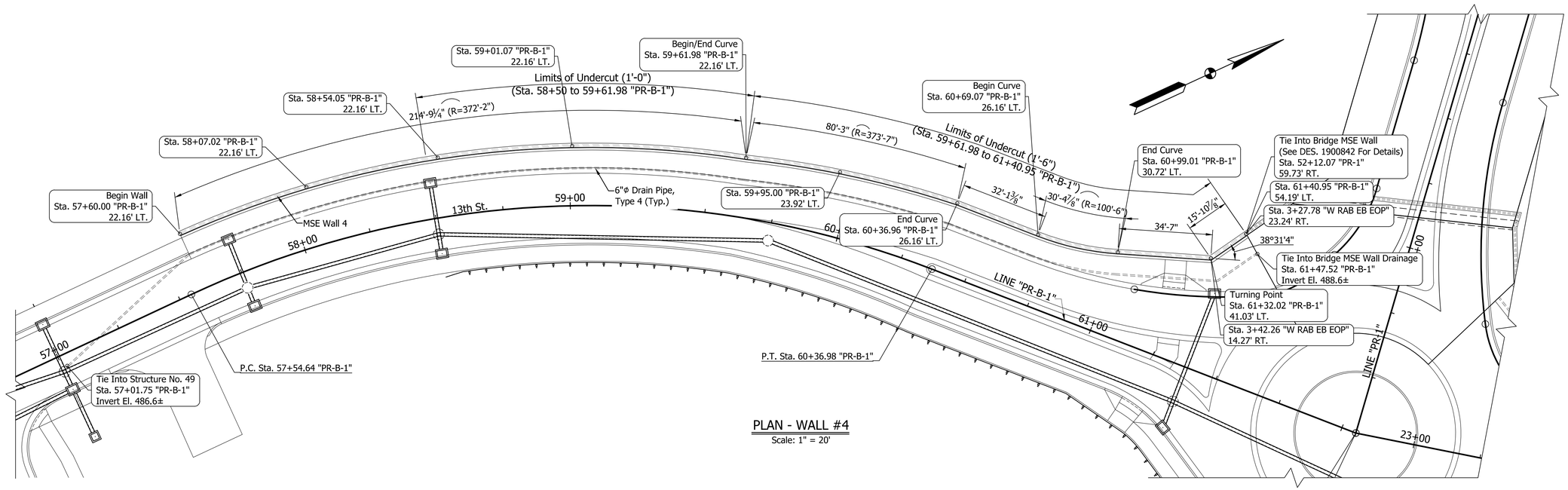
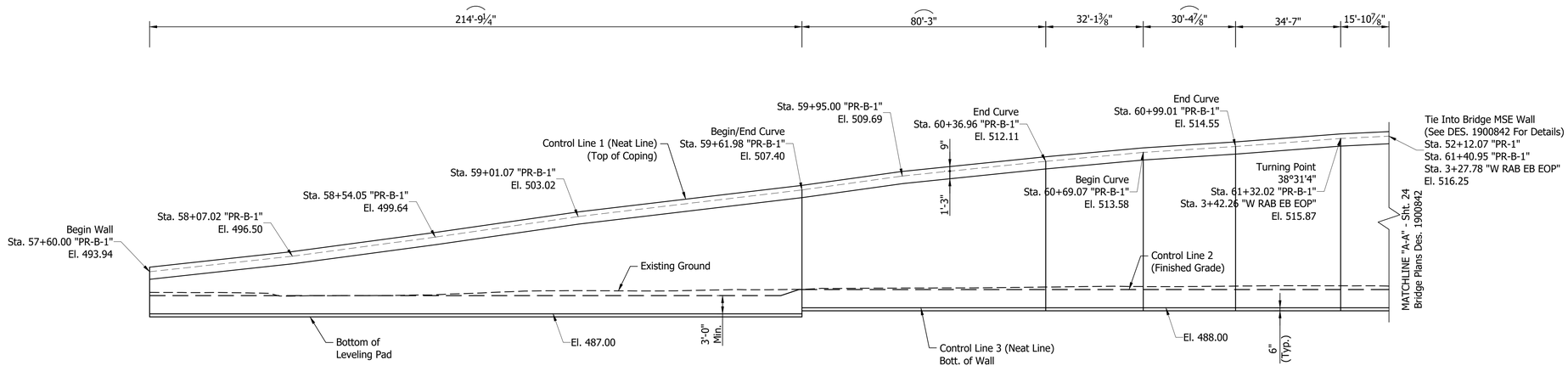


PLAN - WALL #4

Scale: 1" = 20'

PRELIMINARY PLANS



ELEVATION - WALL #4

Scale: 1" = 20' Horz / 1" = 10' Vert

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: D. ISAACS DRAWN: D. PIERCEFIELD

CHECKED: M. EICHENAUER CHECKED: M. EICHENAUER

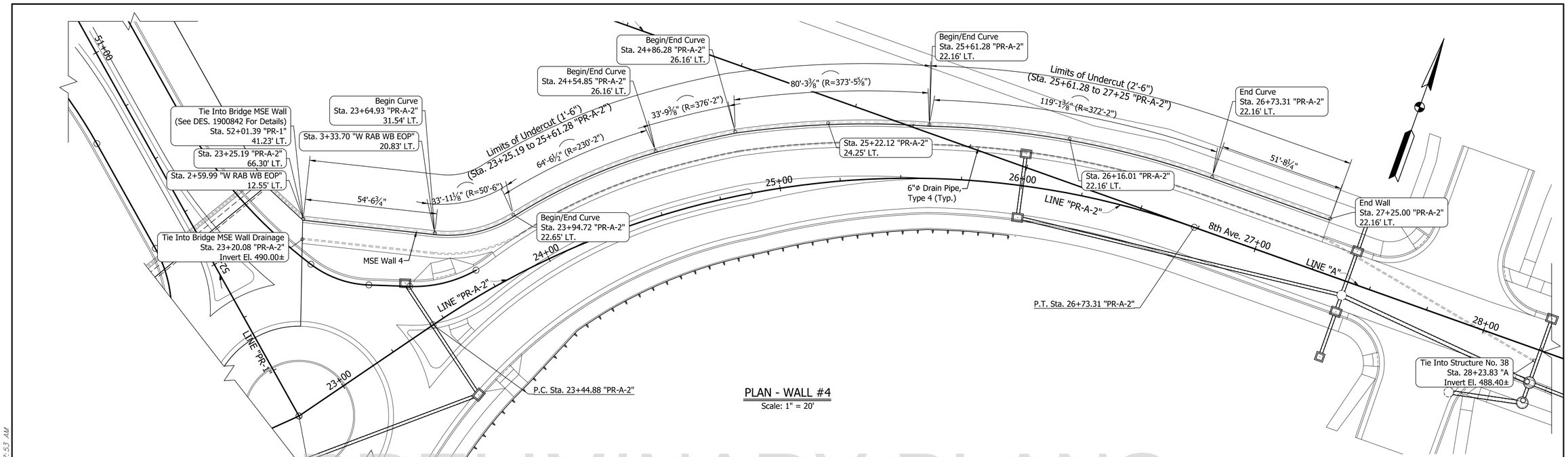
INDIANA
DEPARTMENT OF TRANSPORTATION

MSE WALL DETAILS
WALL #4

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1801932
SURVEY BOOK	SHEET
N/A	38 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

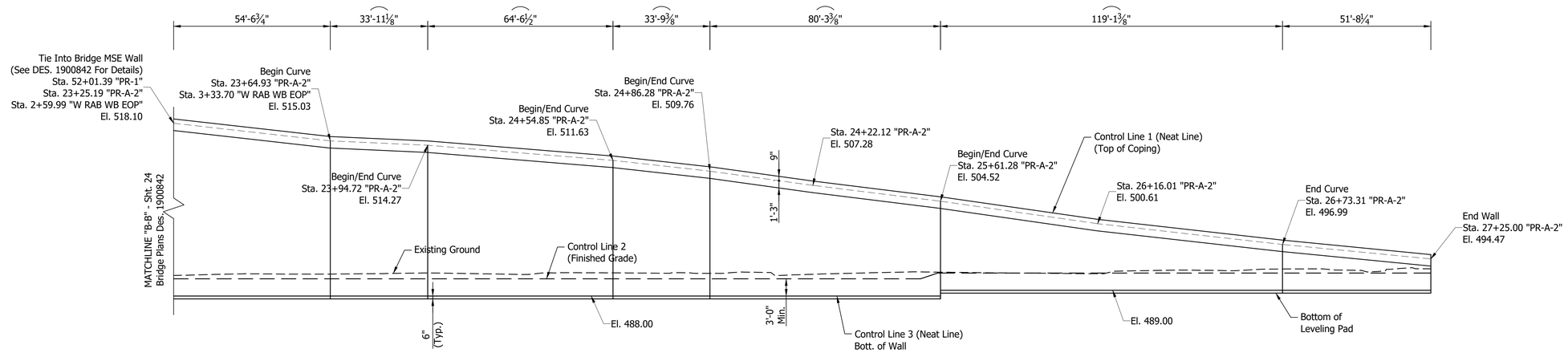
\b5n1241\Jobs\6369000.0000\ProDevelopment\Design\Drawings\6369R61.dwg Bill Hutton Plot:9/15/2022 11:21 AM Save:8/31/2022 7:53 AM



PLAN - WALL #4

Scale: 1" = 20'

PRELIMINARY PLANS



ELEVATION - WALL #4

Scale: 1" = 20' Horz / 1" = 10' Vert.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: AS NOTED	BRIDGE FILE
		VERTICAL SCALE: AS NOTED	DESIGNATION: 1801932
DESIGNED: D. ISAACS DRAWN: D. PIERCEFIELD	MSE WALL DETAILS WALL #4	SURVEY BOOK: N/A	SHEET: 39 OF 121
CHECKED: M. EICHENAUER CHECKED: M. EICHENAUER		CONTRACT: B-41843	PROJECT: 1801932

BFS NO. 6369

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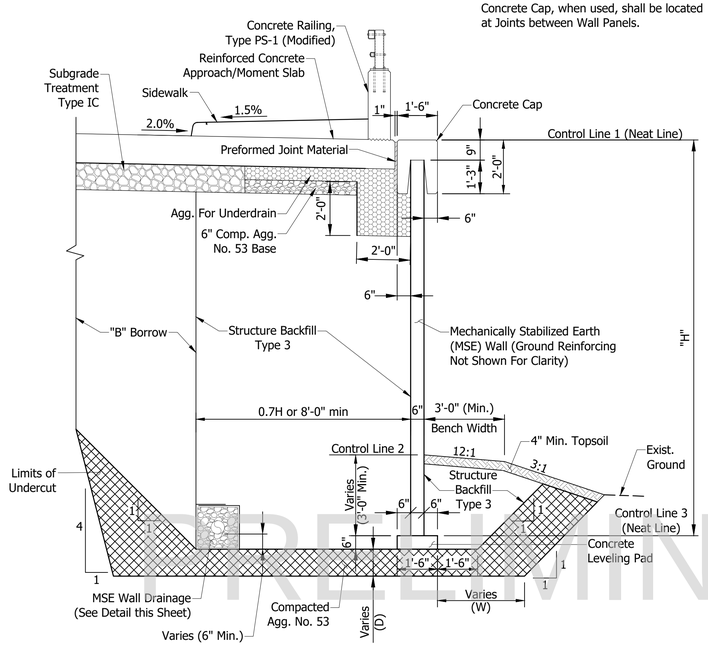
Note:
Construction Joints in Cast in Place Concrete Cap, when used, shall be located at Joints between Wall Panels.



SECTION "C-C"

Scale: 3/8" = 1'-0"

D	W
1'-0"	2'-6"
1'-6"	3'-0"
2'-6"	4'-0"
5'-6"	7'-0"

MSE WALL #2 QUANTITIES

Face Panels, Concrete	15,739 Sft.
Wall Erection	15,739 Sft.
Leveling Pad, Concrete	948 Lft.
Excavation, Foundation, Unclassified	2,950 Cys.
Structure Backfill, Type 3	9,161 Cys.
B-Borrow	5,994 Cys.
Compacted Aggregate No. 53	1,855 Ton
Geotextile for Underdrains, Type 2B	948 Sys.
Aggregate for Underdrains	141 Cys.
Pipe, Type 4, Circular, 6"	985 Lft.
Anti - Graffiti Coat	14,318 Sft.

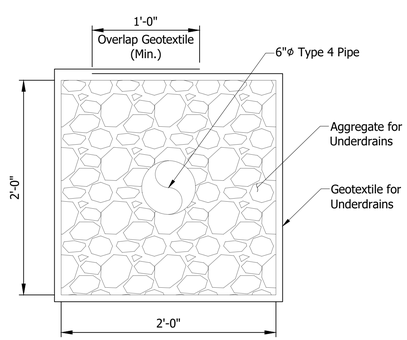
MSE WALL #3 QUANTITIES

Face Panels, Concrete	12,272 Sft.
Wall Erection	12,272 Sft.
Leveling Pad, Concrete	574 Lft.
Excavation, Foundation, Unclassified	2,480 Cys.
Structure Backfill, Type 3	7,786 Cys.
B-Borrow	5,527 Cys.
Compacted Aggregate No. 53	2,135 Ton
Geotextile for Underdrains, Type 2B	575 Sys.
Aggregate for Underdrains	86 Cys.
Pipe, Type 4, Circular, 6"	590 Lft.
Anti - Graffiti Coat	11,410 Sft.

MSE WALL #4 QUANTITIES

Face Panels, Concrete	19,268 Sft.
Wall Erection	19,268 Sft.
Leveling Pad, Concrete	977 Lft.
Excavation, Foundation, Unclassified	3,910 Cys.
Structure Backfill, Type 3	11,330 Cys.
B-Borrow	8,014 Cys.
Compacted Aggregate No. 53	3,310 Ton
Geotextile for Underdrains, Type 2B	978 Sys.
Aggregate for Underdrains	82 Cys.
Pipe, Type 4, Circular, 6"	1140 Lft.
Anti - Graffiti Coat	14,318 Sft.

PRELIMINARY PLANS



MSE WALL DRAINAGE DETAIL

Scale: 1-1/2" = 1'-0"

FACTORED BEARING RESISTANCES

MSE WALL HEIGHT (ft.)	FACTORED BEARING RESISTANCE (psf)
31	10,000
24	8,000
14	4,500

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: DP DRAWN: DP

CHECKED: ME CHECKED: ME

INDIANA
DEPARTMENT OF TRANSPORTATION

MSE WALL DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	40 OF 121
CONTRACT	PROJECT
B-41843	1801932

BPS NO. 6369

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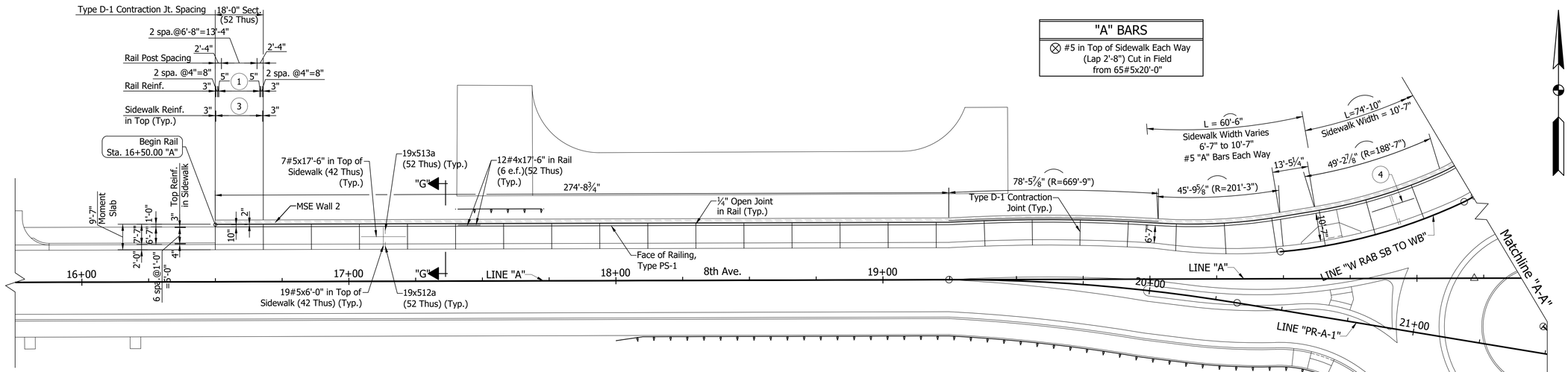


"A" BARS
⊗ #5 in Top of Sidewalk Each Way (Lap 2'-8") Cut in Field from 65#5x20'-0"

NOTE:
Dimensions taken at outside Face of Rail

PLAN ALONG MSE WALL #2
Scale: 1" = 20'

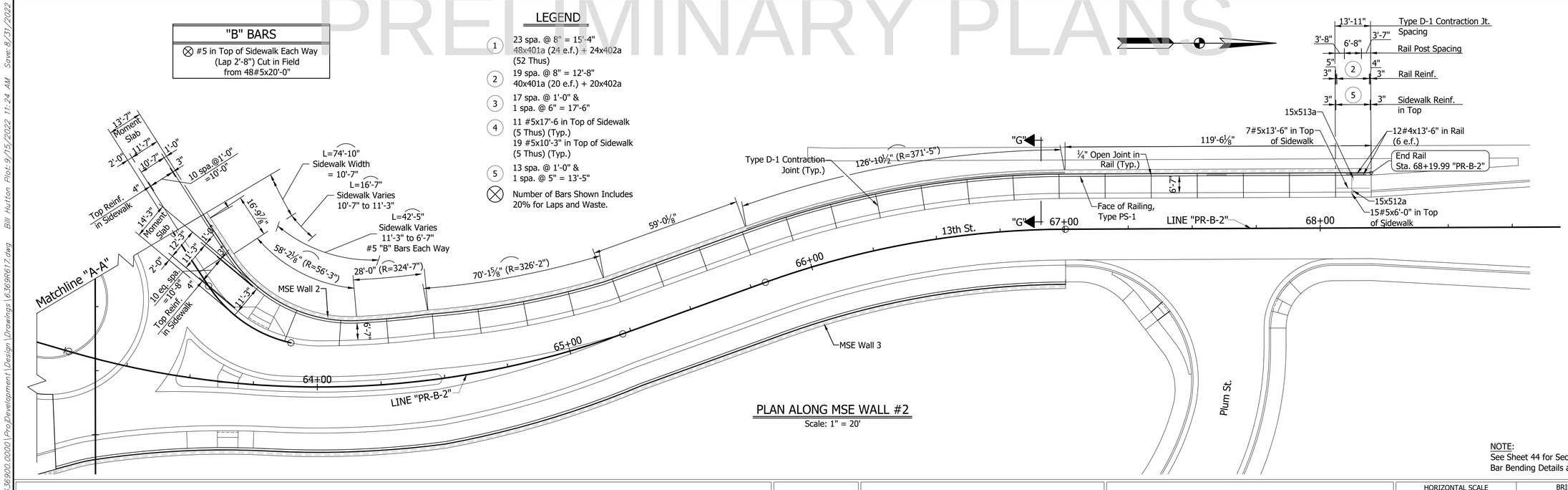
PRELIMINARY PLANS

"B" BARS
⊗ #5 in Top of Sidewalk Each Way (Lap 2'-8") Cut in Field from 48#5x20'-0"

LEGEND

1. 23 spa. @ 8" = 15'-4"
   48x401a (24 e.f.) + 24x402a (52 Thus)
2. 19 spa. @ 8" = 12'-8"
   40x401a (20 e.f.) + 20x402a
3. 17 spa. @ 1'-0" & 1 spa. @ 6" = 17'-6"
4. 11 #5x17'-6 in Top of Sidewalk (5 Thus) (Typ.)
   19 #5x10'-3" in Top of Sidewalk (5 Thus) (Typ.)
5. 13 spa. @ 1'-0" & 1 spa. @ 5" = 13'-5"

⊗ Number of Bars Shown Includes 20% for Laps and Waste.



PLAN ALONG MSE WALL #2
Scale: 1" = 20'

NOTE:
See Sheet 44 for Section "G-G", Bar Bending Details and Bill of Materials.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: M. MATEL DRAWN: M. SCOTT
CHECKED: D. PIERCEFIELD CHECKED: M. MATEL

INDIANA
DEPARTMENT OF TRANSPORTATION

RAILING AND SIDEWALK DETAILS
ALONG MSE WALL #2

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1801932
SURVEY BOOK	SHEET
N/A	41 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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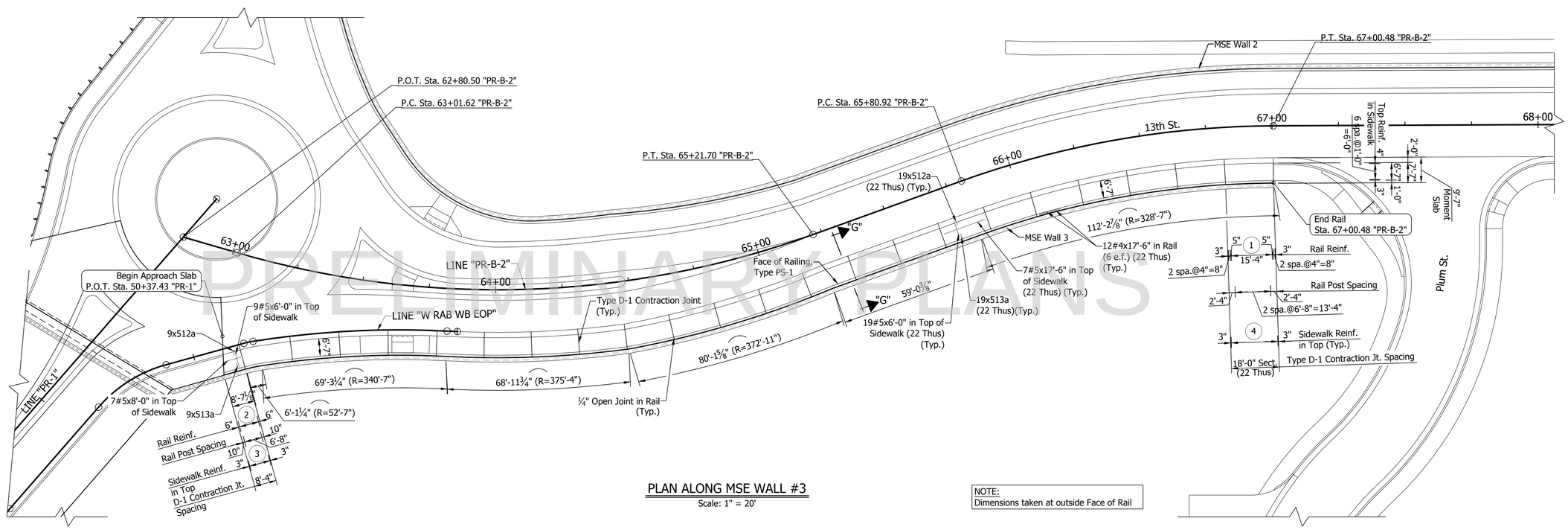

PRELIMINARY PLANS

PLAN ALONG MSE WALL #3

Scale: 1" = 20'

NOTE:
Dimensions taken at outside Face of Rail

LEGEND

1. 23 spa. @ 8" = 15'-4"
   48x401a (24 e.f.) + 24x402a
   (22 Thus)
2. 11 spa. @ 8" = 7'-4"
   24x401a (12 e.f.) + 12x402a
   12 #4x8'-0" in Rail
   (6 e.f.)
3. 7 spa. @ 1'-0" &
   1 spa. @ 10" = 7'-10"
4. 17 spa. @ 1'-0" &
   1 spa. @ 6" = 17'-6"

NOTE:
See Sheet 44 for Section "G-G",
Bar Bending Details and Bill of Materials.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: AS NOTED	BRIDGE FILE
		VERTICAL SCALE: AS NOTED	DESIGNATION: 1801932
DESIGNED: M. MATEL DRAWN: M. SCOTT	RAILING AND SIDEWALK DETAILS ALONG MSE WALL #3	SURVEY BOOK: N/A	SHEET: 42 OF 121
CHECKED: D. PIERCEFIELD CHECKED: M. MATEL		CONTRACT: B-41843	PROJECT: 1801932

BFS NO. 6369

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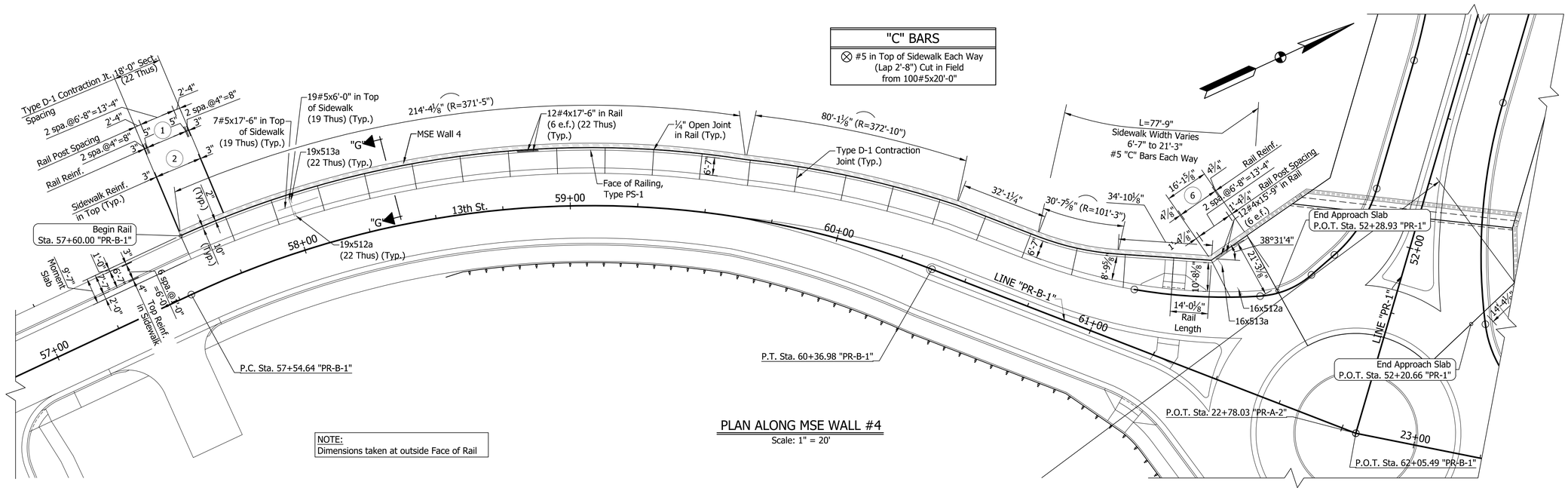
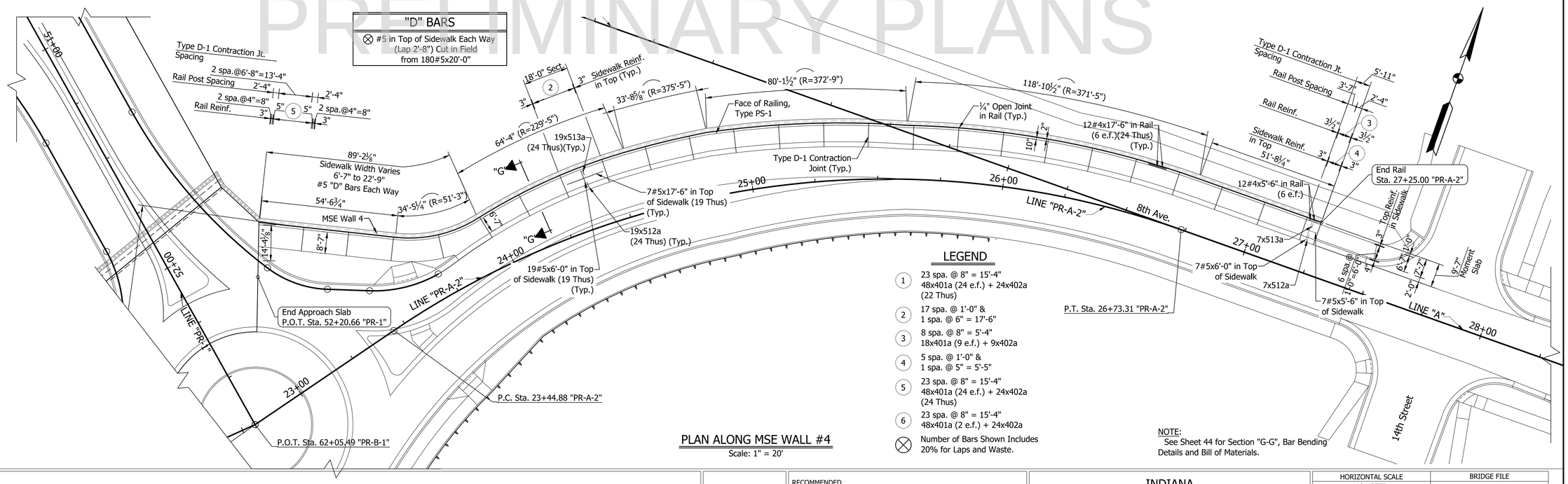
PRELIMINARY PLANS



NOTE:
Dimensions taken at outside Face of Rail

PLAN ALONG MSE WALL #4
Scale: 1" = 20'



PLAN ALONG MSE WALL #4
Scale: 1" = 20'

LEGEND

1. 23 spa. @ 8" = 15'-4"
   48x401a (24 e.f.) + 24x402a
   (22 Thus)
2. 17 spa. @ 1'-0" &
   1 spa. @ 6" = 17'-6"
3. 8 spa. @ 8" = 5'-4"
   18x401a (9 e.f.) + 9x402a
4. 5 spa. @ 1'-0" &
   1 spa. @ 5" = 5'-5"
5. 23 spa. @ 8" = 15'-4"
   48x401a (24 e.f.) + 24x402a
   (24 Thus)
6. 23 spa. @ 8" = 15'-4"
   48x401a (2 e.f.) + 24x402a

⊗ Number of Bars Shown Includes 20% for Laps and Waste.

NOTE:
See Sheet 44 for Section "G-G", Bar Bending Details and Bill of Materials.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: AS NOTED	BRIDGE FILE
		VERTICAL SCALE: AS NOTED	DESIGNATION: 1801932
DESIGNED: M. MATEL DRAWN: M. SCOTT	RAILING AND SIDEWALK DETAILS ALONG MSE WALL #4	SURVEY BOOK: N/A	SHEET: 43 OF 121
CHECKED: D. PIERCEFIELD CHECKED: M. MATEL		CONTRACT: B-41843	PROJECT: 1801932

BFS NO. 6369

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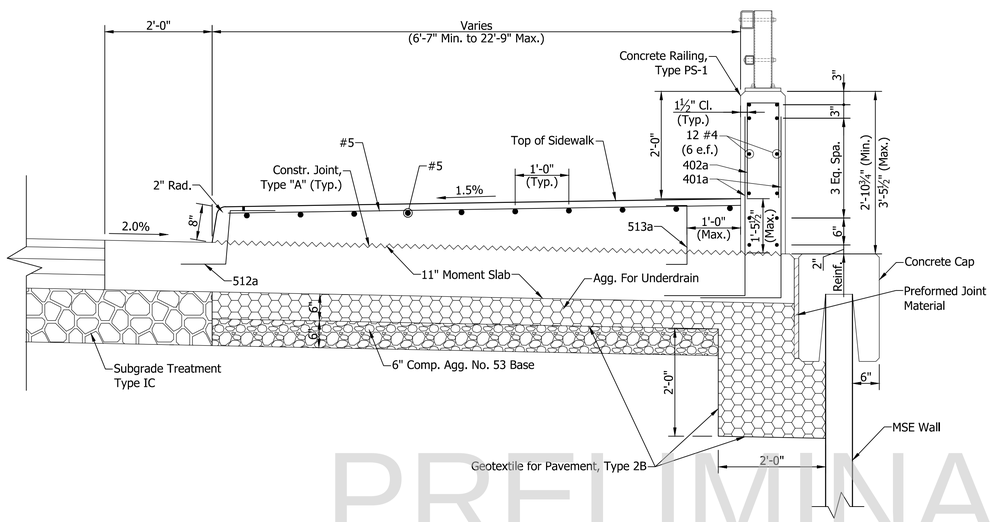
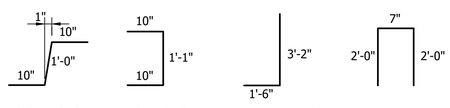


SECTION "G-G"
Scale: 3/4"=1'-0"



512a x 2'-8" | 513a x 2'-9" | 401a x 4'-8" | 402a x 4'-7"

BAR BENDING DETAILS
Not To Scale

BILL OF MATERIALS
MOMENT SLAB RAILING & SIDEWALK
WALL #2

REINFORCING BARS

Mark or Size	No. of Bars	Length (Ft.)	Weight (Lbs.)
512a	1003	2'-8"	
513a	1003	2'-9"	
#5	113	20'-0"	
#5	349	17'-6"	
#5	7	13'-6"	
#5	95	10'-3"	
#5	813	6'-0"	
Total #5 (Epoxy Coated)			20,596
401a	2748	4'-8"	
402a	1374	4'-7"	
#4	624	17'-6"	
#4	12	13'-6"	
Total #4 (Epoxy Coated)			20,176
Total Steel (Epoxy Coated)			40,772

CONCRETE

Concrete Moment Slab, 11"	1080 Sys.
Class "C" in Superstructure (Sidewalk)	203 Cys.
Class "C" in Railing	86 Cys.

MISCELLANEOUS

Aggregate for Underdrains	276 Cys.
Compacted Aggregate, No. 53	118 Cys.
Geotextile for Pavement, Type 2B	1345 Sys.
Type D-1 Contraction Joint	390 Lft.
Railing, Type PS-1	951 Lft.

BILL OF MATERIALS
MOMENT SLAB RAILING & SIDEWALK
WALL #3

REINFORCING BARS

Mark or Size	No. of Bars	Length (Ft.)	Weight (Lbs.)
512a	427	2'-8"	
513a	427	2'-9"	
#5	154	17'-6"	
#5	7	8'-0"	
#5	427	6'-0"	
Total #5 (Epoxy Coated)			7,954
401a	1168	4'-8"	
402a	584	4'-7"	
#4	264	17'-6"	
#4	12	8'-0"	
Total #4 (Epoxy Coated)			8,579
Total Steel (Epoxy Coated)			16,533

CONCRETE

Concrete Moment Slab, 11"	432 Sys.
Class "C" in Superstructure (Sidewalk)	78 Cys.
Class "C" in Railing	37 Cys.

MISCELLANEOUS

Aggregate for Underdrains	113 Cys.
Compacted Aggregate, No. 53	46 Cys.
Geotextile for Pavement, Type 2B	545 Sys.
Type D-1 Contraction Joint	158 Lft.
Railing, Type PS-1	405 Lft.

A.S.T.M. A615, Grade 60

BILL OF MATERIALS
MOMENT SLAB RAILING & SIDEWALK
WALL #4

REINFORCING BARS

Mark or Size	No. of Bars	Length (Ft.)	Weight (Lbs.)
512a	897	2'-8"	
513a	897	2'-9"	
#5	280	20'-0"	
#5	266	17'-6"	
#5	729	6'-0"	
#5	7	5'-6"	
Total #5 (Epoxy Coated)			20,366
401a	2410	4'-8"	
402a	1205	4'-7"	
#4	552	17'-6"	
#4	12	15'-9"	
#4	12	5'-6"	
Total #4 (Epoxy Coated)			17,826
Total Steel (Epoxy Coated)			38,192

CONCRETE

Concrete Moment Slab, 11"	1080 Sys.
Class "C" in Superstructure (Sidewalk)	223 Cys.
Class "C" in Railing	77 Cys.

MISCELLANEOUS

Aggregate for Underdrains	260 Cys.
Compacted Aggregate, No. 53	117 Cys.
Geotextile for Pavement, Type 2B	1290 Sys.
Type D-1 Contraction Joint	415 Lft.
Railing, Type PS-1	839 Lft.

PRELIMINARY PLANS

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE

DESIGNED: M. MATEL DRAWN: M. SCOTT
CHECKED: D. PIERCEFIELD CHECKED: M. MATEL

INDIANA
DEPARTMENT OF TRANSPORTATION

RAILING AND SIDEWALK DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	44 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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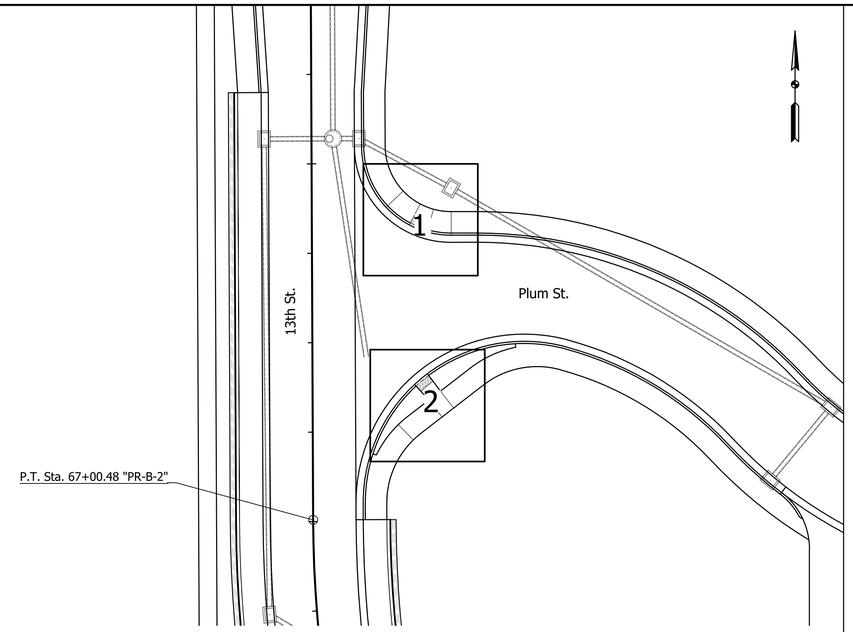
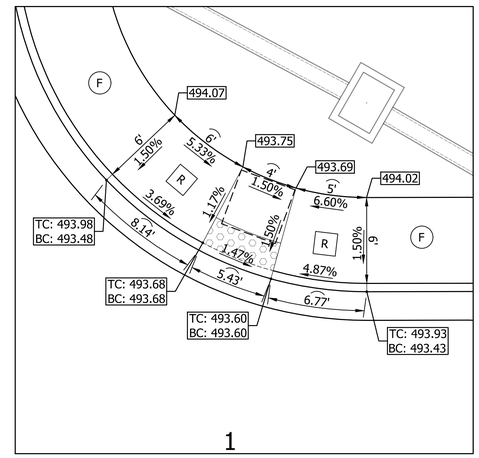


LOCATION KEY FOR RAMP DETAILS
1" = 20'



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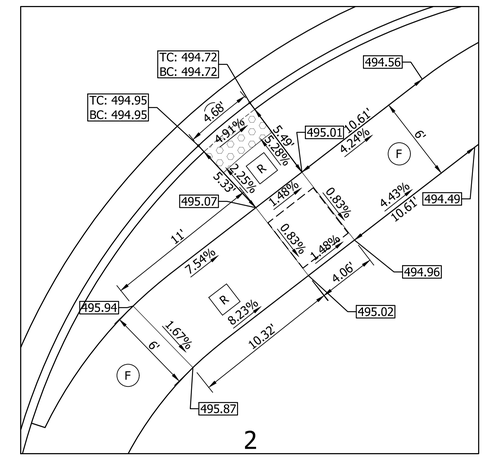
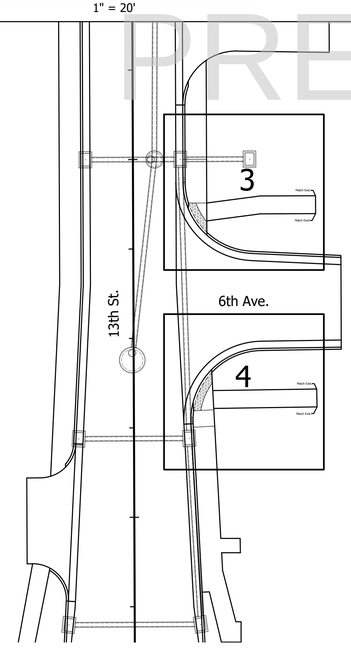
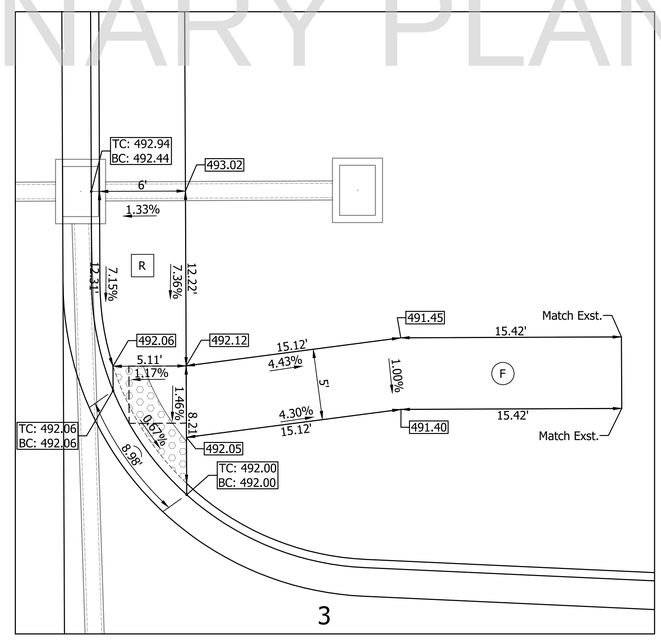


2

PRELIMINARY PLANS



LOCATION KEY FOR RAMP DETAILS
1" = 20'



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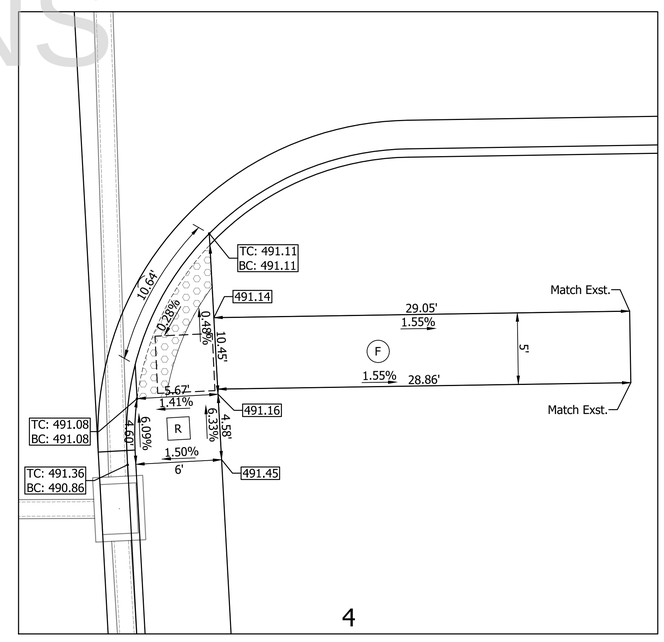

4

LEGEND

- (F) Concrete Sidewalk, 4"
- [R] Ramp
- Detectable Warning Surface
- [TS] Ramp Turning Space 4'x4' Typ. Unless Noted Otherwise
- TC: XXX.XX / BC: XXX.XX — Proposed Curb Elevation: TC = Top of Curb, BC = Bottom of Curb
- XXX.XX — Proposed Spot Elevation

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5' (Unless Noted)	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	54 OF 121
CONTRACT	PROJECT
B-41843	1801932

BRS NO. 6369

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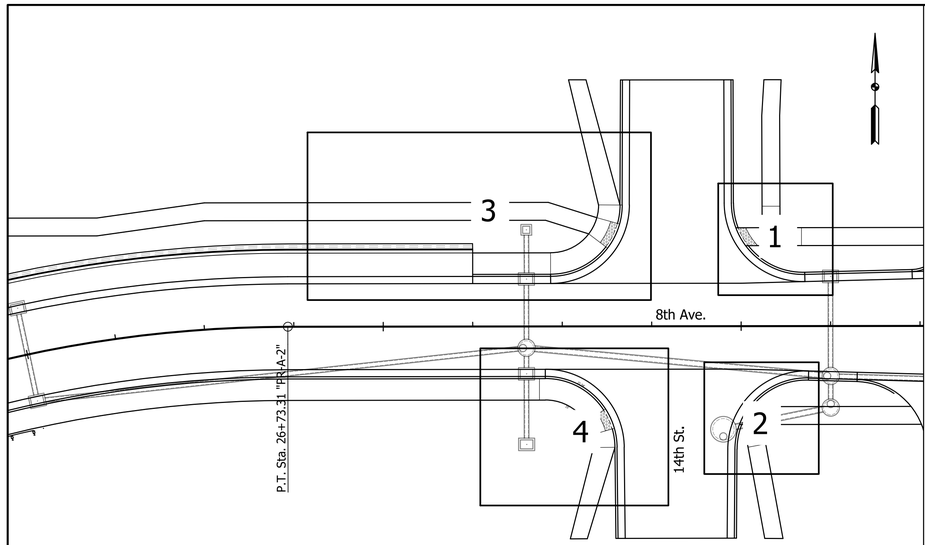
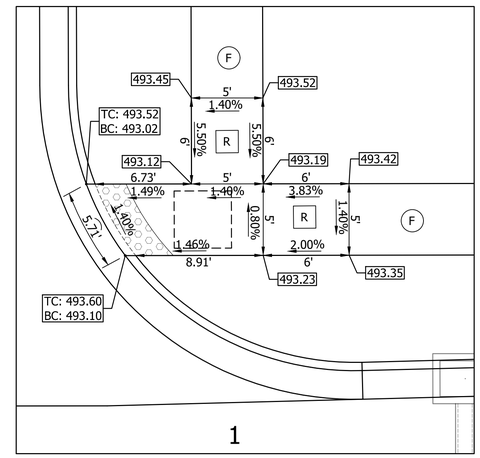
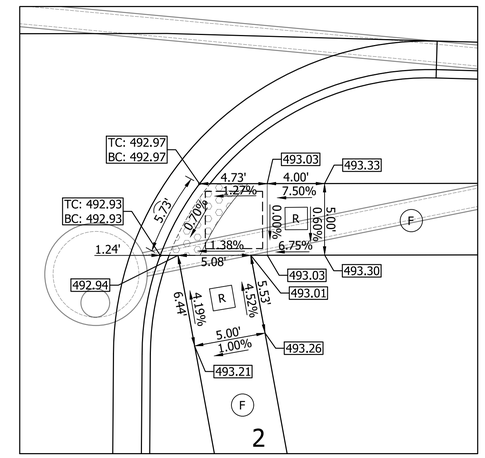
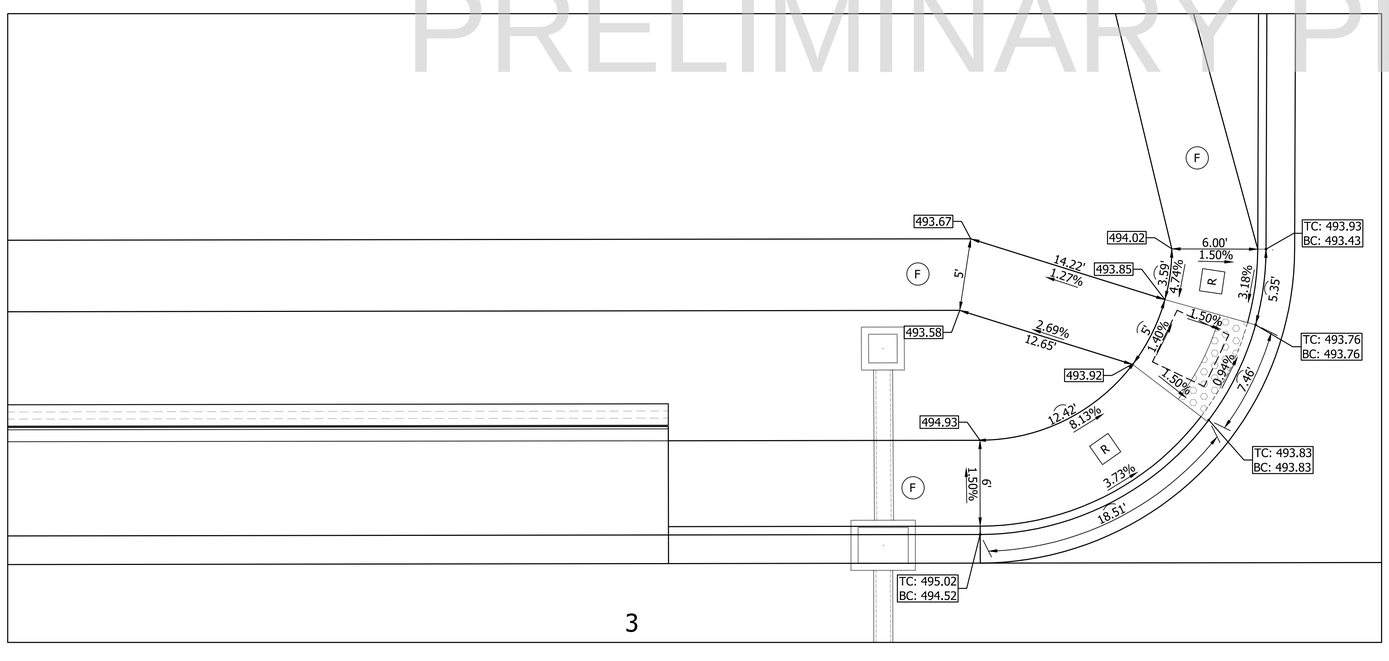


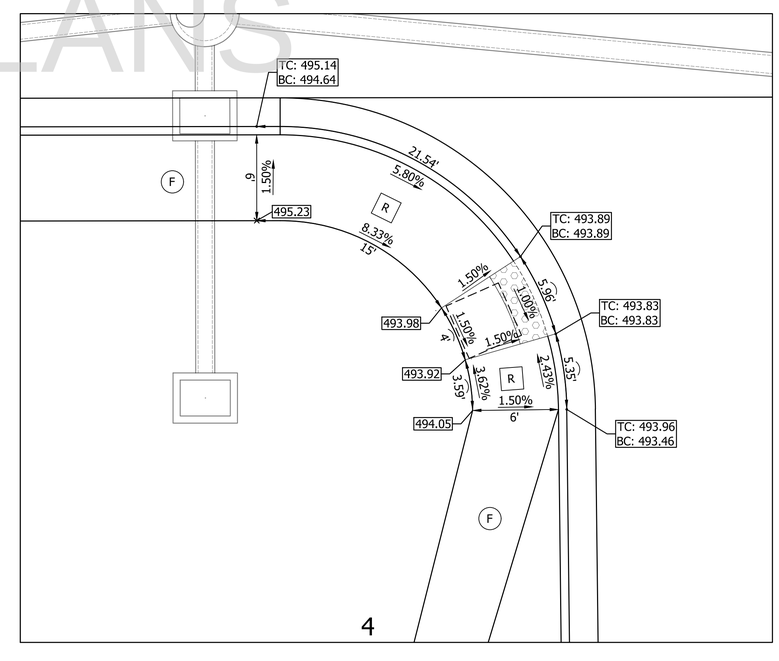
LOCATION KEY FOR RAMP DETAILS
1" = 20'





PRELIMINARY PLANS





LEGEND

- (F) Concrete Sidewalk, 4"
- (R) Ramp
- Detectable Warning Surface
- (TS) Ramp Turning Space 4'x4' Typ. Unless Noted Otherwise
- TC: XXX.XX / BC: XXX.XX — Proposed Curb Elevation: TC = Top of Curb, BC = Bottom of Curb
- XXX.XX — Proposed Spot Elevation

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE

DESIGNED: TDW DRAWN: BEH
CHECKED: DJI CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5' (Unless Noted)	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	55 OF 121
CONTRACT	PROJECT
B-41843	1801932

BFS NO. 6369

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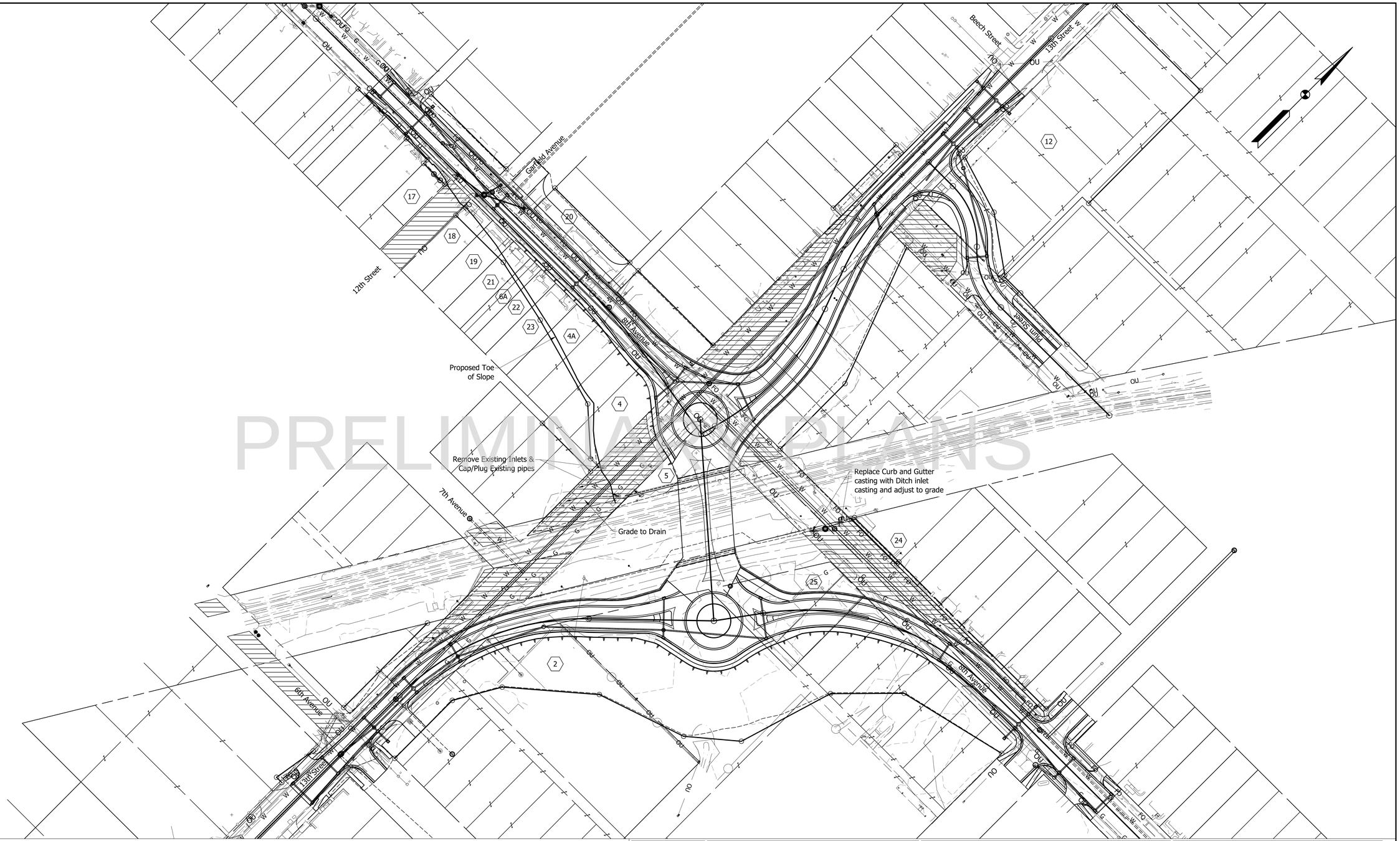

LEGEND

Pavement Removal Area

(X) Houses & Building Removal Parcel Number

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE

DESIGNED: DJI DRAWN: SHH

CHECKED: BZ CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

DEMOLITION PLAN

HORIZONTAL SCALE	BRIDGE FILE
1" = 75'	
VERTICAL SCALE	DESIGNATION
N/A	1801932
SURVEY BOOK	SHEET
N/A	57 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

BFS NO.

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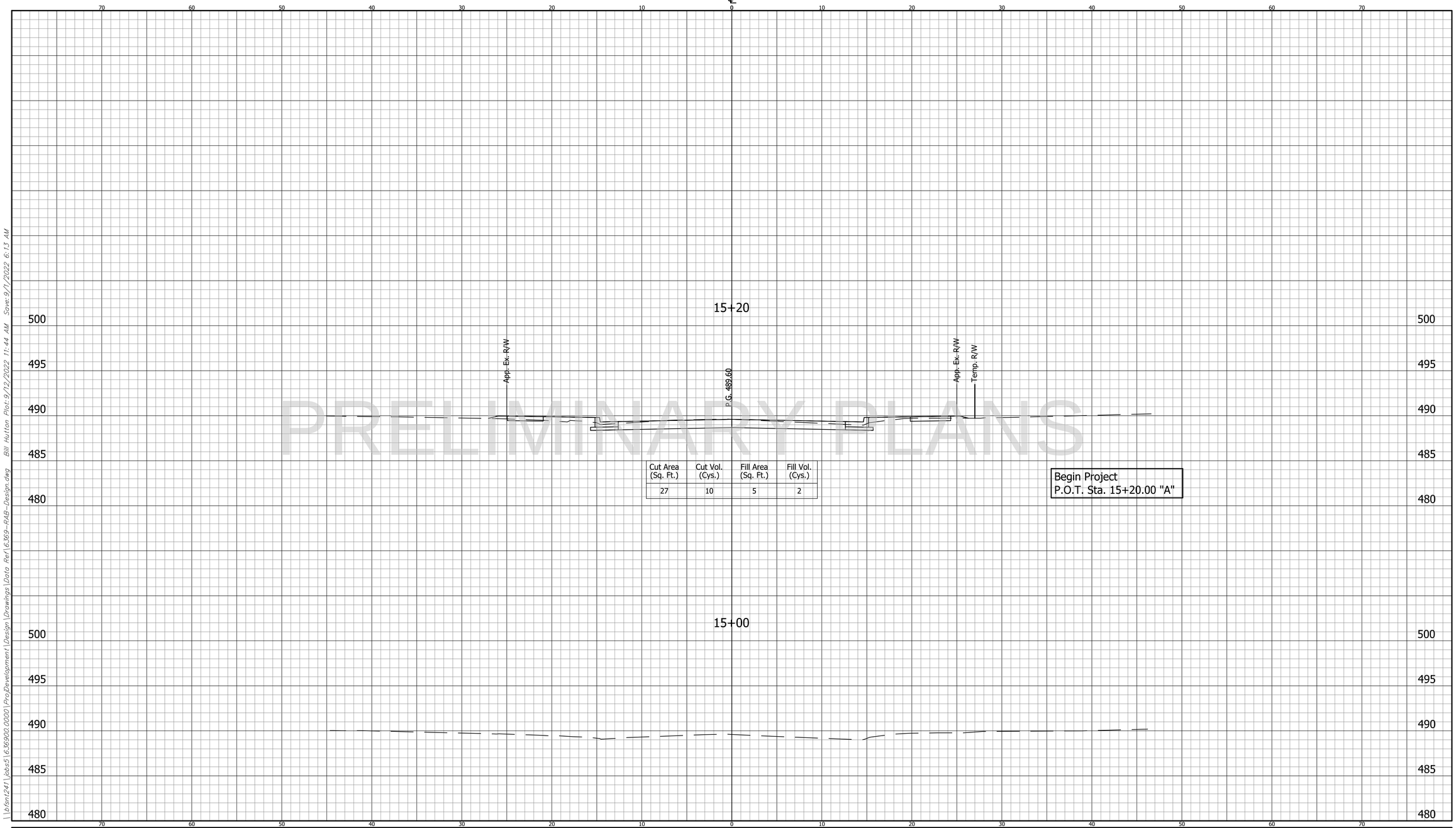
CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
27	10	5	2

Begin Project
P.O.T. Sta. 15+20.00 "A"

CROSS SECTIONS LINE "A"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	8TH AVENUE	SURVEY BOOK N/A	SHEET 87 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

6369

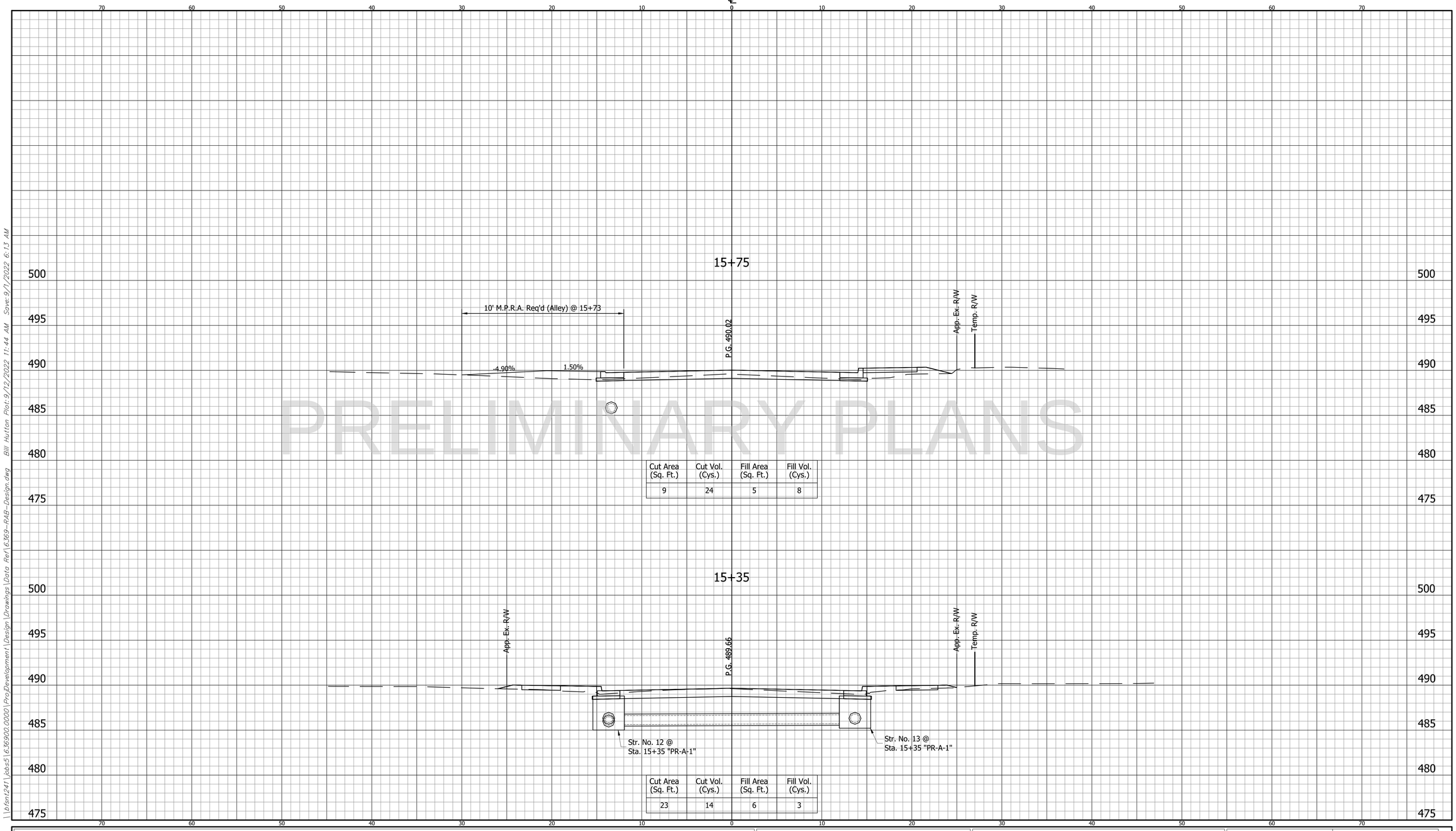
BFS NO.

\\bfsn241\Jobs5\6369000\ProjDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:44 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



PRELIMINARY PLANS

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
9	24	5	8

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
23	14	6	3

CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5' / BRIDGE FILE
			VERTICAL SCALE 1" = 5' / DESIGNATION 1801932
DESIGNED: DJI	DRAWN: BEH	8TH AVENUE	SURVEY BOOK N/A / SHEET 88 OF 121
CHECKED: ACE	CHECKED: DJI		CONTRACT B-41843 / PROJECT 1801932

6369

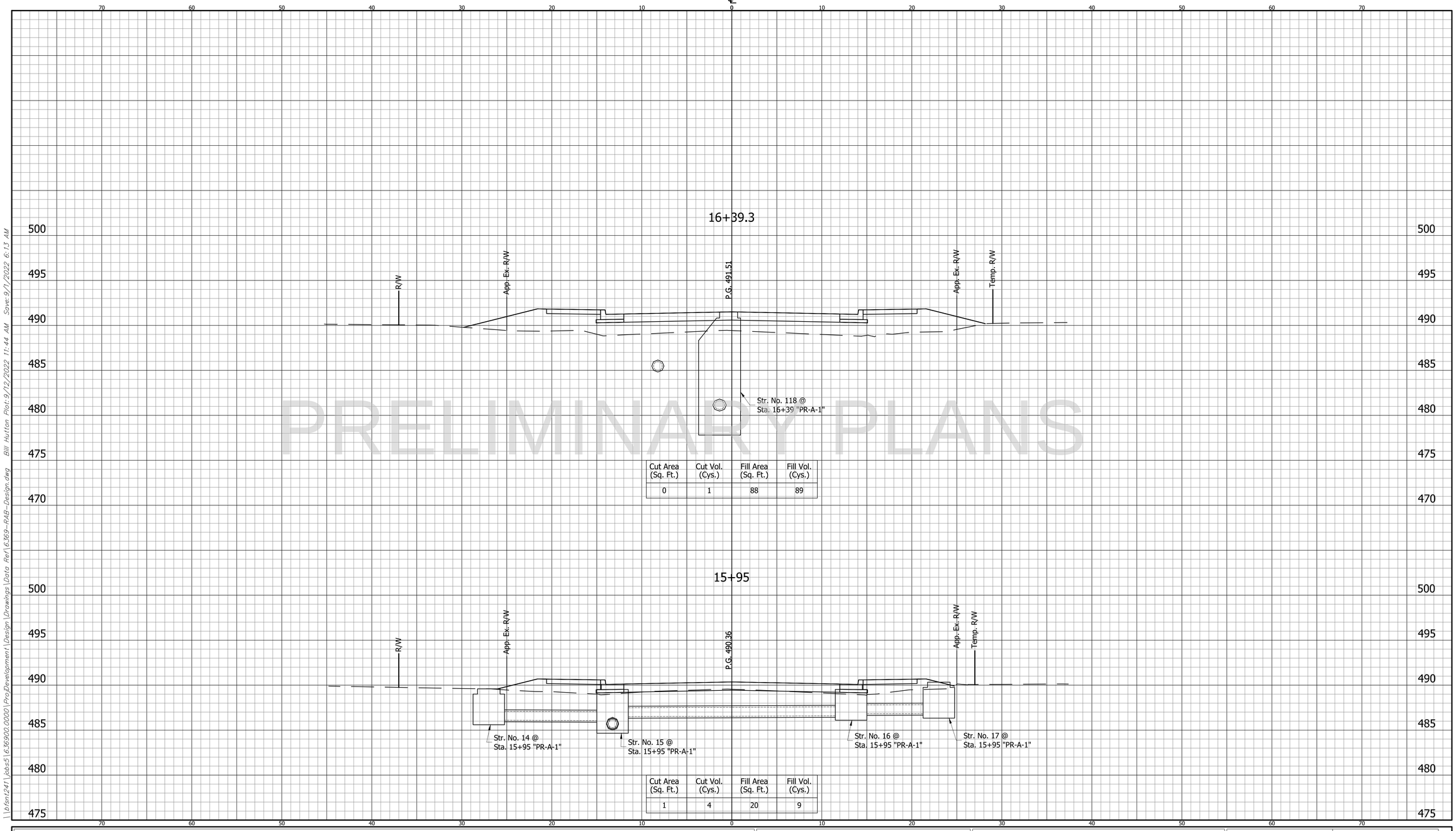
BFS NO.

\\fsn1241\jobs5\6369000\Proj\Development\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:44 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



PRELIMINARY PLANS

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
0	1	88	89

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
1	4	20	9

CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5' / BRIDGE FILE
			VERTICAL SCALE 1" = 5' / DESIGNATION 1801932
DESIGNED: DJI	DRAWN: BEH	8TH AVENUE	SURVEY BOOK N/A / SHEET 89 OF 121
CHECKED: ACE	CHECKED: DJI		CONTRACT B-41843 / PROJECT 1801932

6369

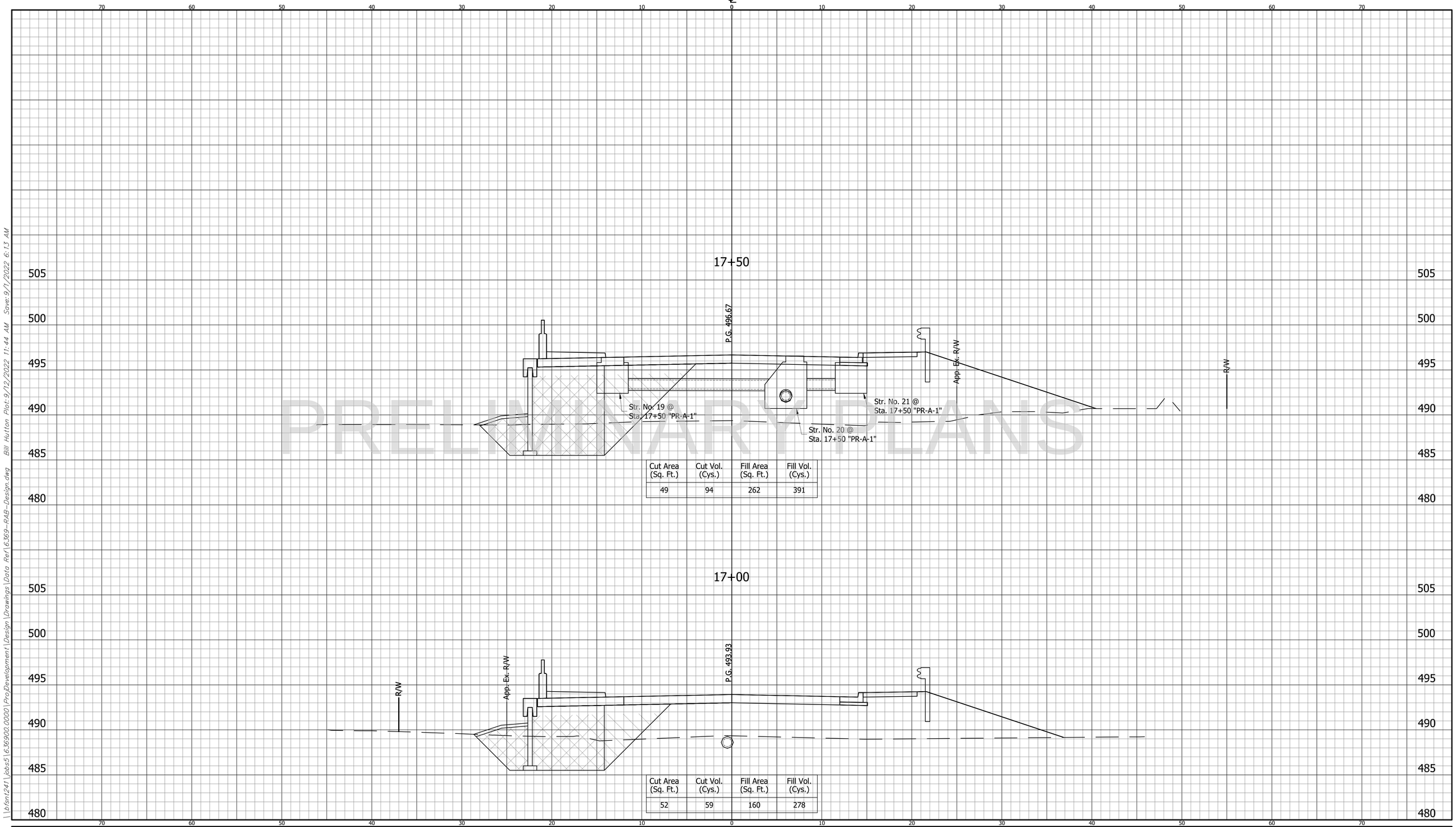
BFS NO.

\\fsn1241\jobs5\6369000.000\ProjDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:44 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



PRELIMINARY PLANS

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
49	94	262	391

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
52	59	160	278

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "A"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	90 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

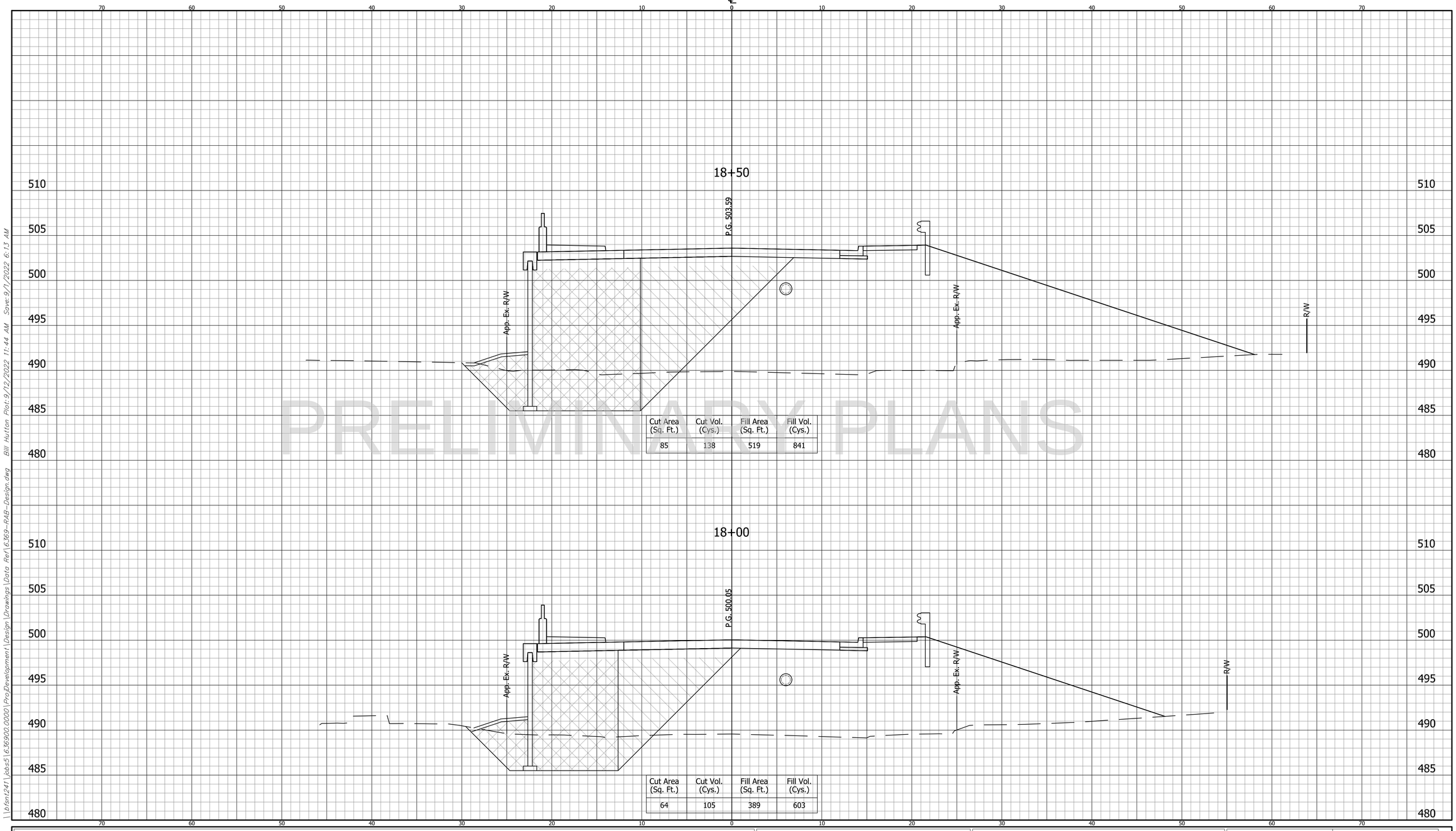
BFS NO.

\\bfsn241\Jobs5\6369000.0000\ProDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:44 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
85	138	519	841

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
64	105	389	603

PRELIMINARY PLANS

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS LINE "A"		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: DJI	DRAWN: BEH	8TH AVENUE	
CHECKED: ACE	CHECKED: DJI		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	91 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

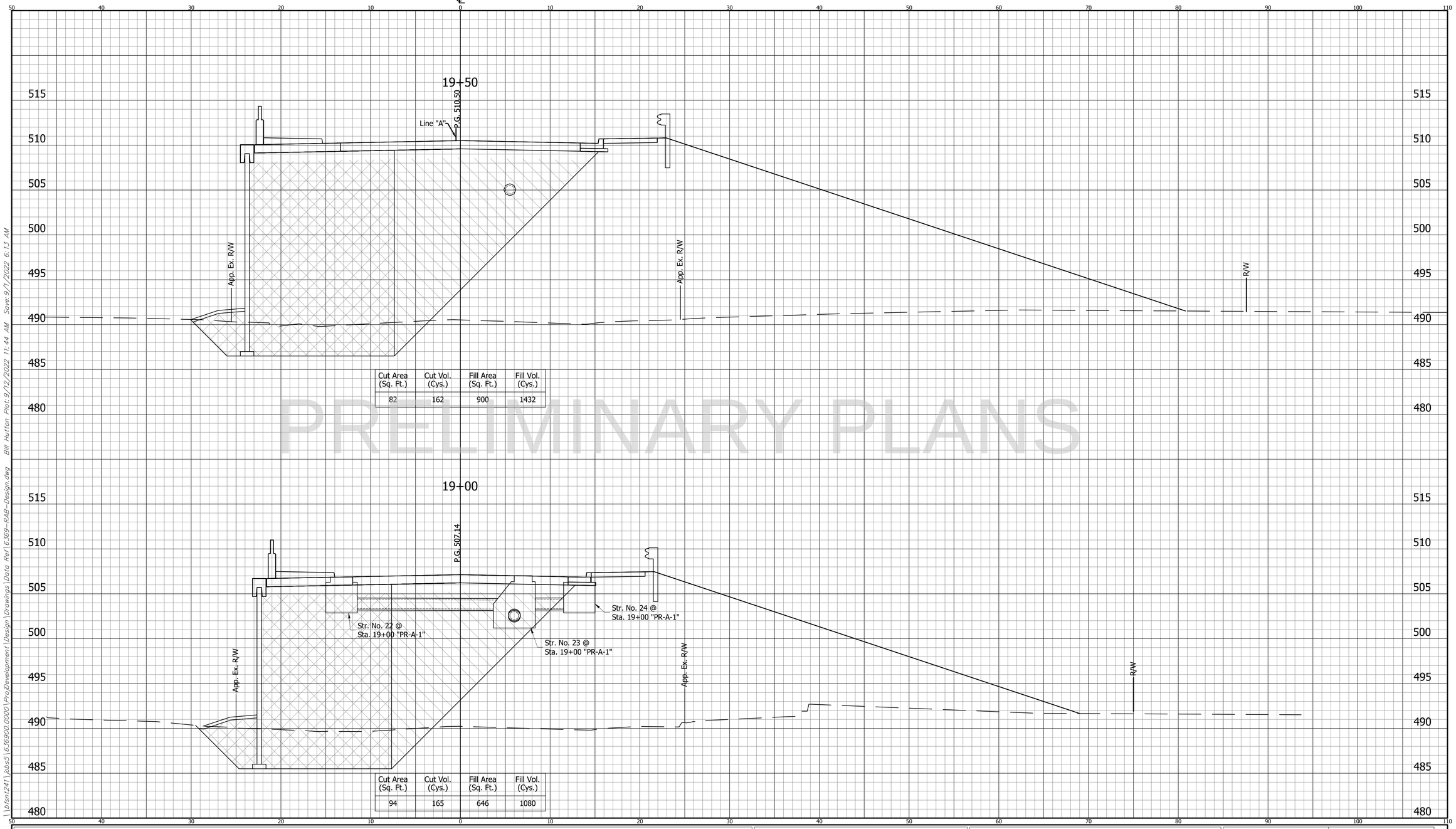
BFS NO.

\\fsn1241\jobs5\6369000.0000\ProjDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:44 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
82	162	900	1432

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
94	165	646	1080

PRELIMINARY PLANS

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "A" & "PR-A-1"

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	92 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

BFS NO.

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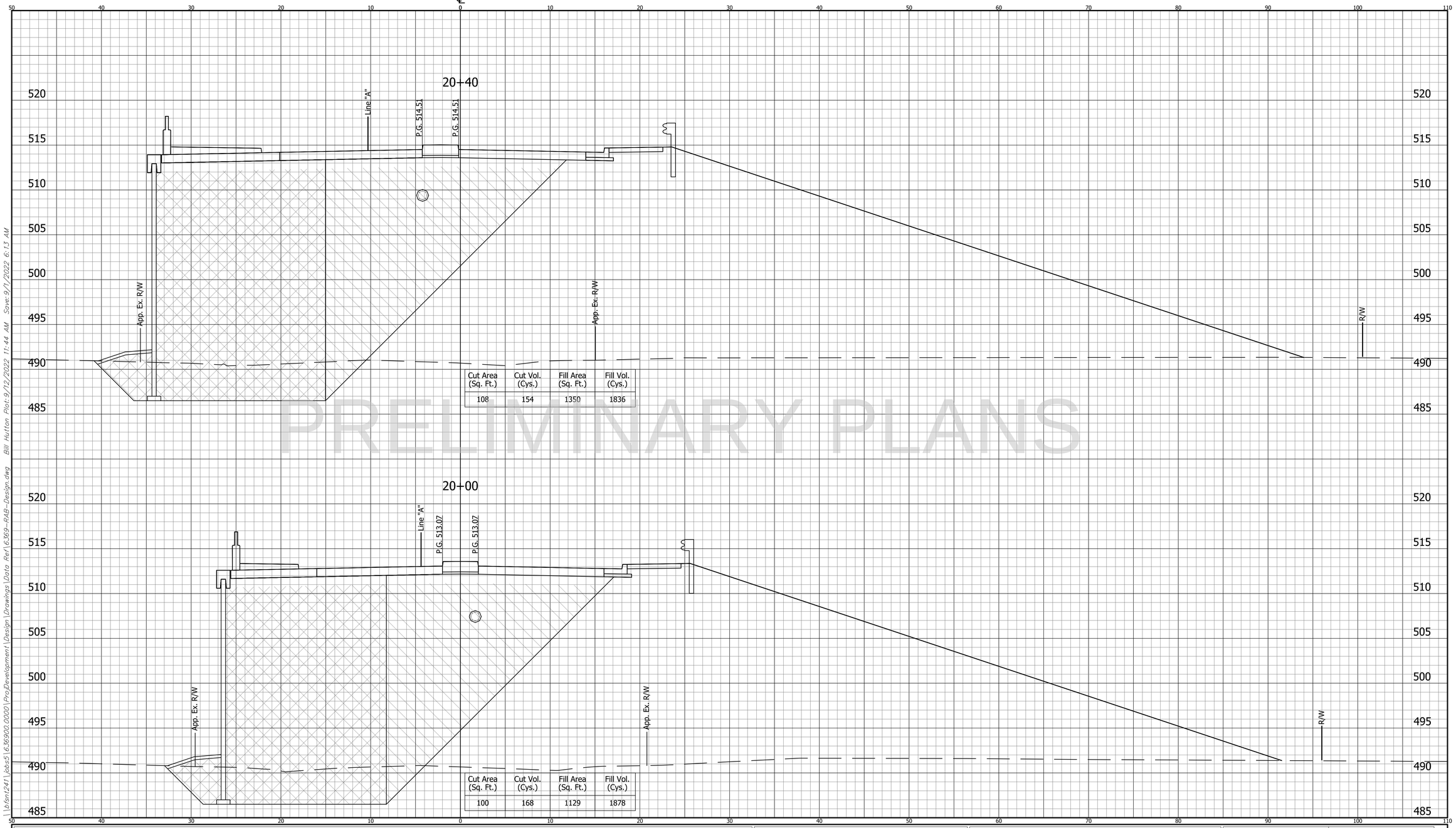
CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
108	154	1350	1836

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
100	168	1129	1878

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS LINE "PR-A-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	8TH AVENUE	SURVEY BOOK N/A	SHEET 93 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT | FILL

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
113	82	1481	1049

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-A-1"

DESIGNED: DJI
CHECKED: ACE
DRAWN: BEH
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	94 OF 121
CONTRACT	PROJECT
B-41843	1801932

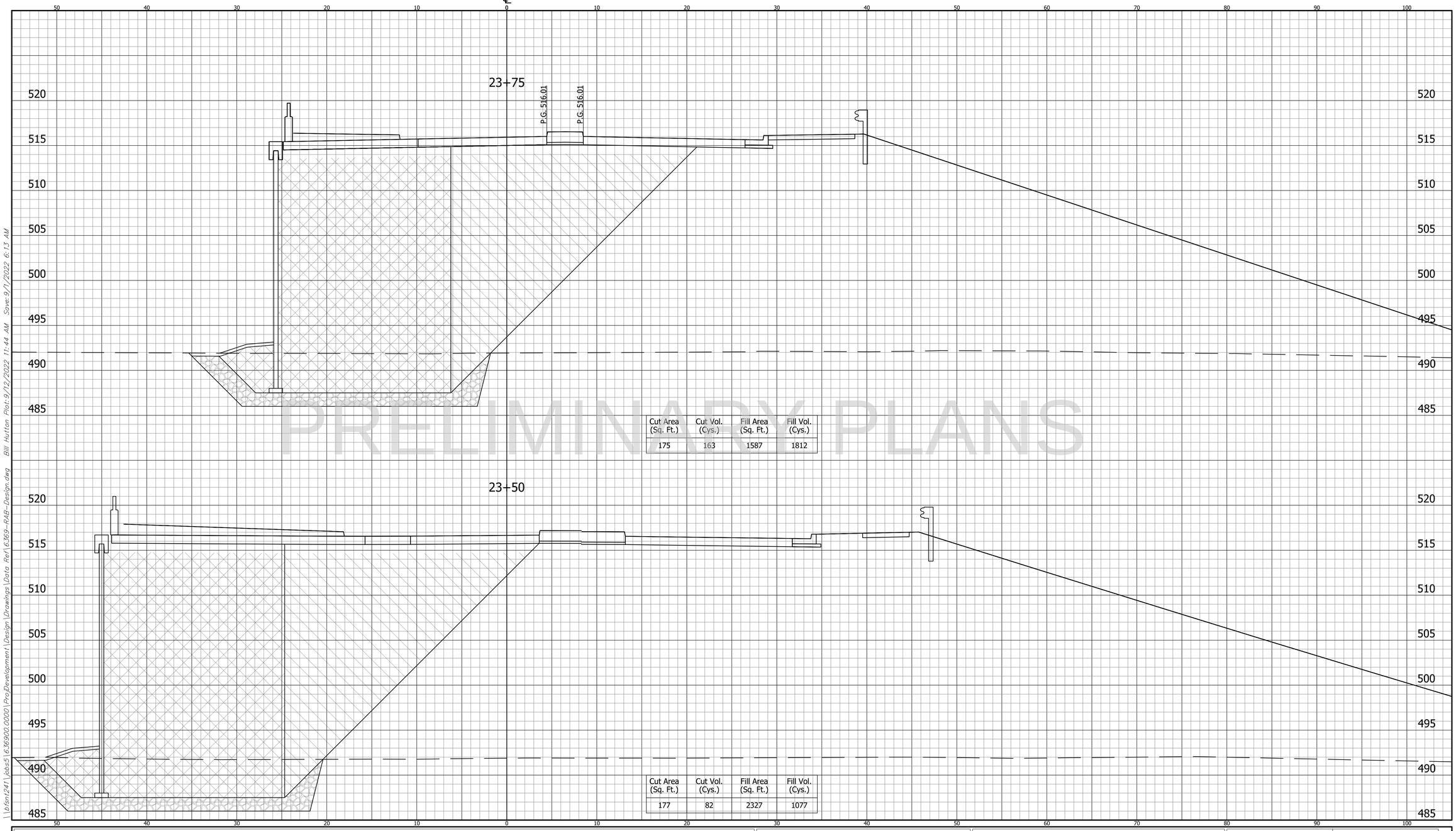
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
175	163	1587	1812

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
177	82	2327	1077

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-A-2"

DESIGNED: DJI
CHECKED: ACE
DRAWN: BEH
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	95 OF 121
CONTRACT	PROJECT
B-41843	1801932

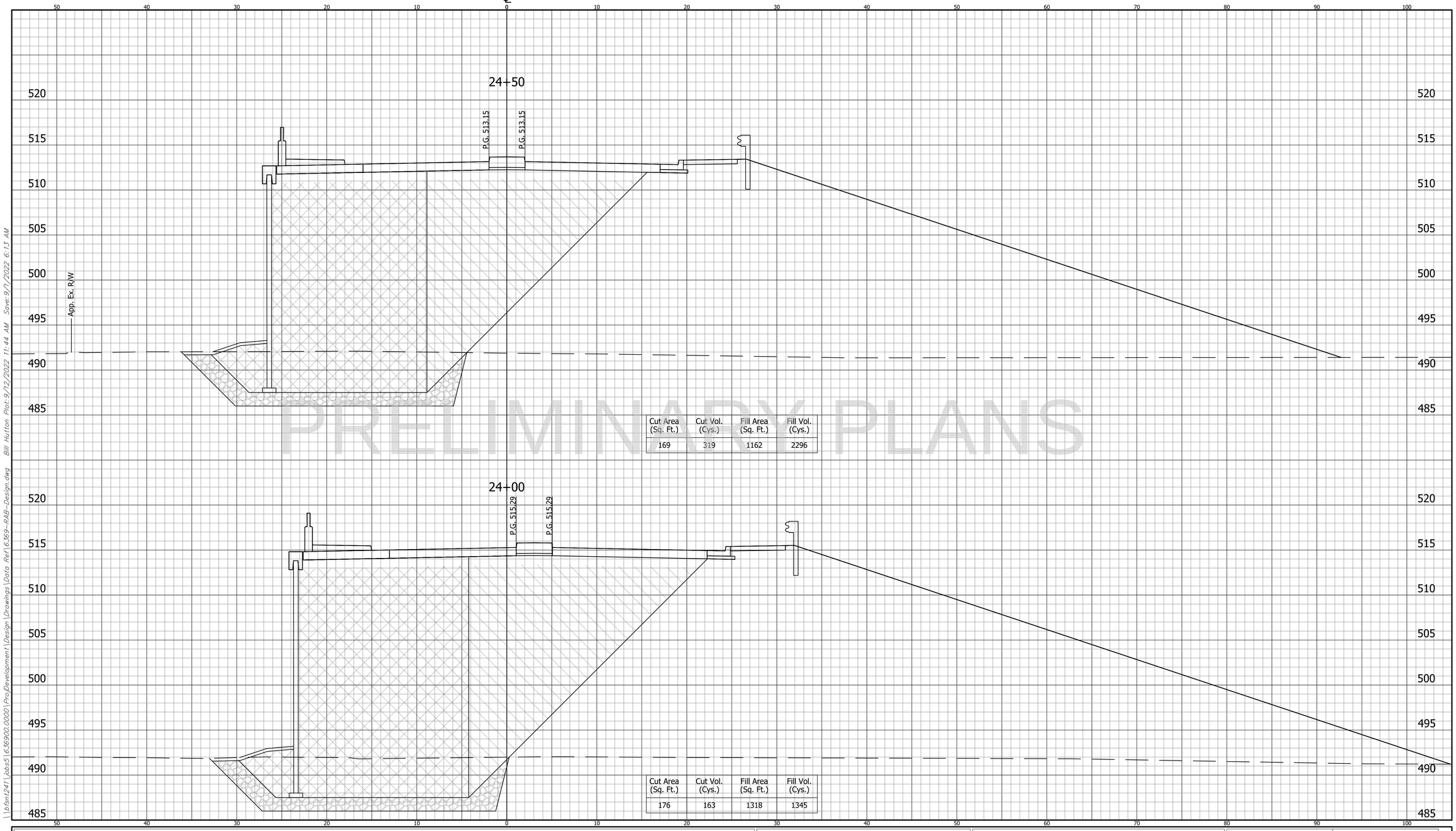
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
169	319	1162	2296

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
176	163	1318	1345

PRELIMINARY PLANS

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-A-2"

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	96 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

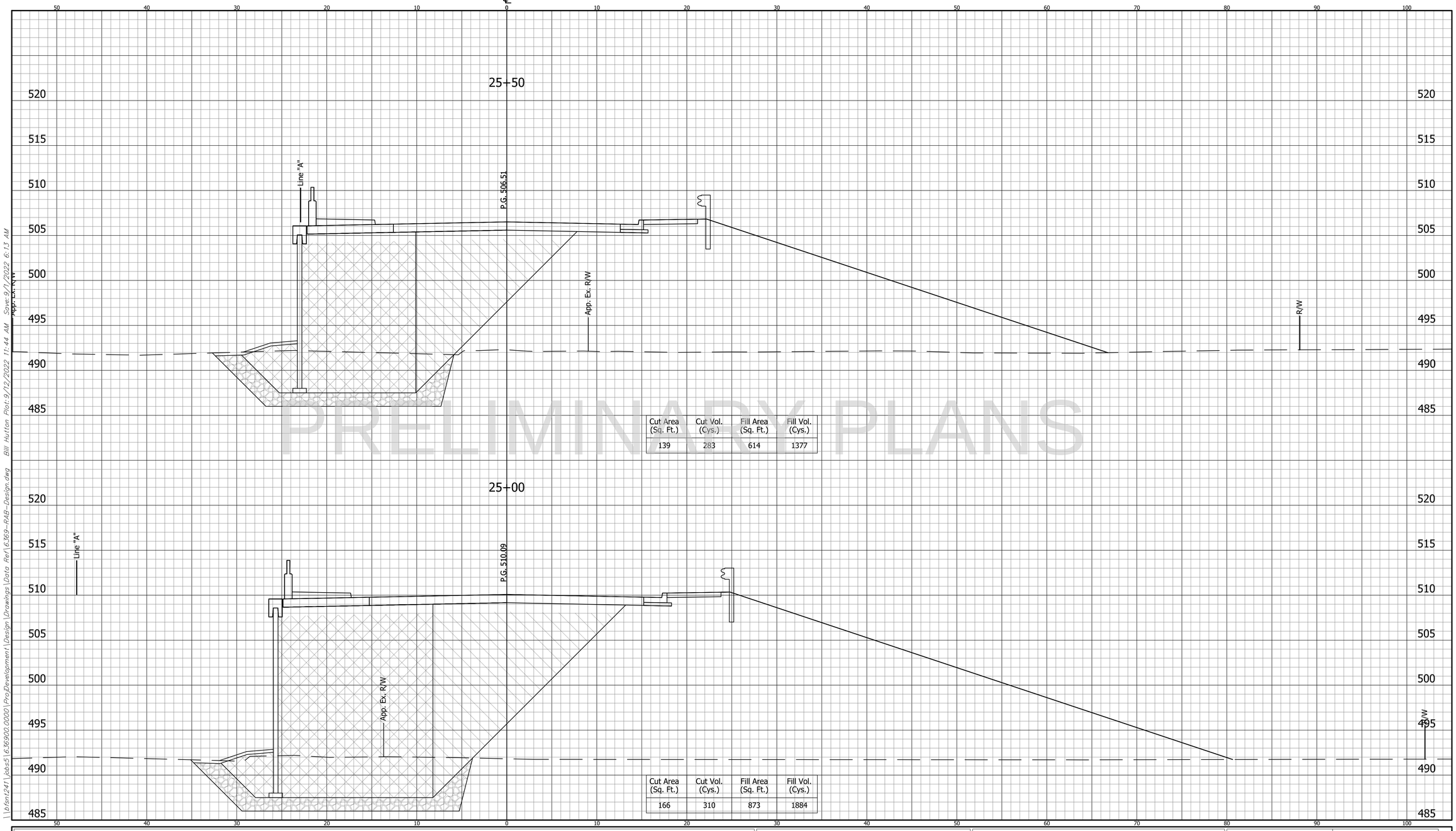
BFS NO.

\\fsn1241\jobs5\6369000.000\ProDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:44 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
139	283	614	1377

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
166	310	873	1884

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-A-2"

DESIGNED: DJI
CHECKED: ACE
DRAWN: BEH
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	97 OF 121
CONTRACT	PROJECT
B-41843	1801932

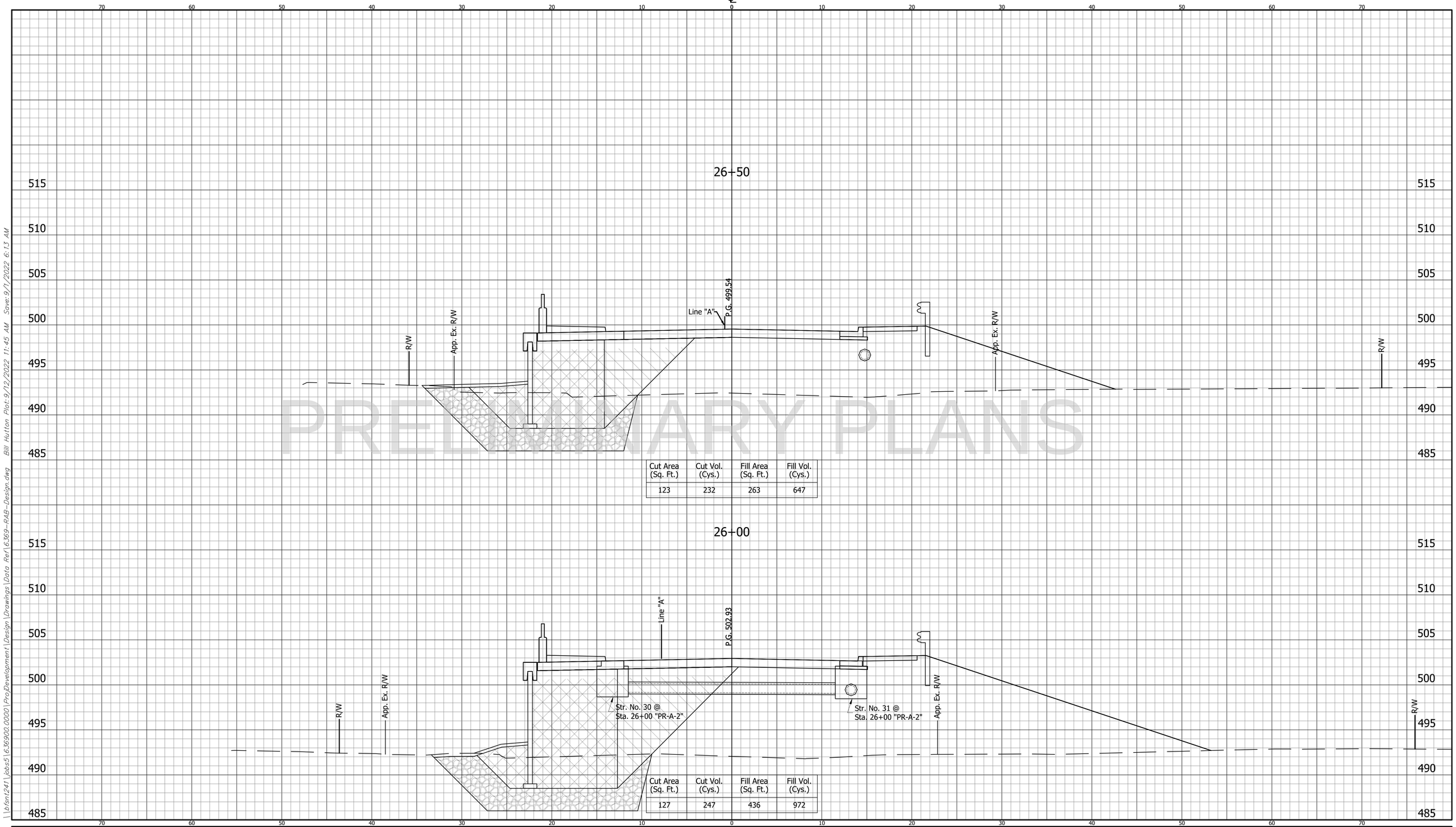
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
123	232	263	647

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
127	247	436	972

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-A-2"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	98 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

BFS NO.

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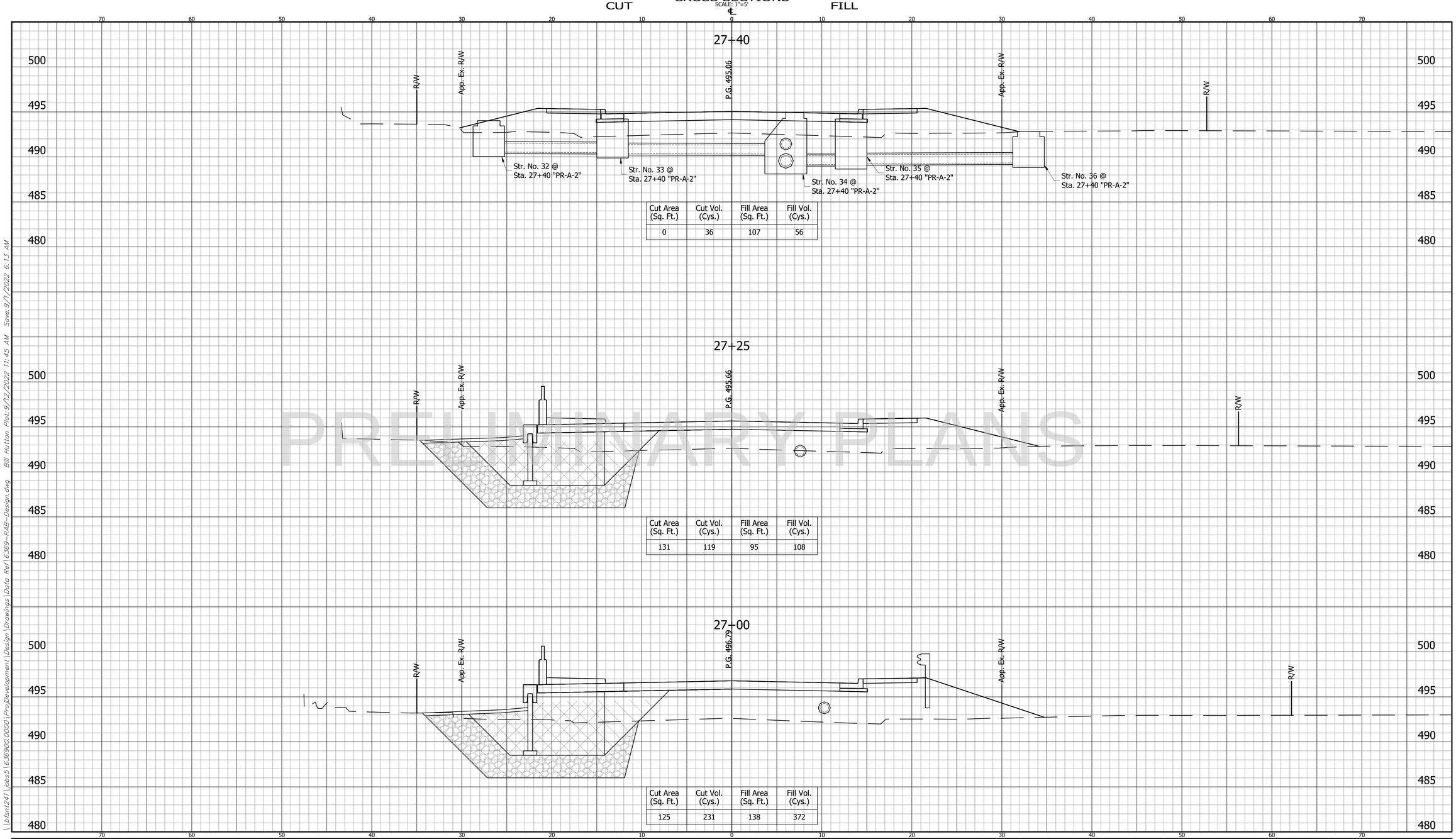
CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
0	36	107	56

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
131	119	95	108

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
125	231	138	372

PRELIMINARY PLANS

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "A"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

8TH AVENUE

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	99 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

BFS NO.

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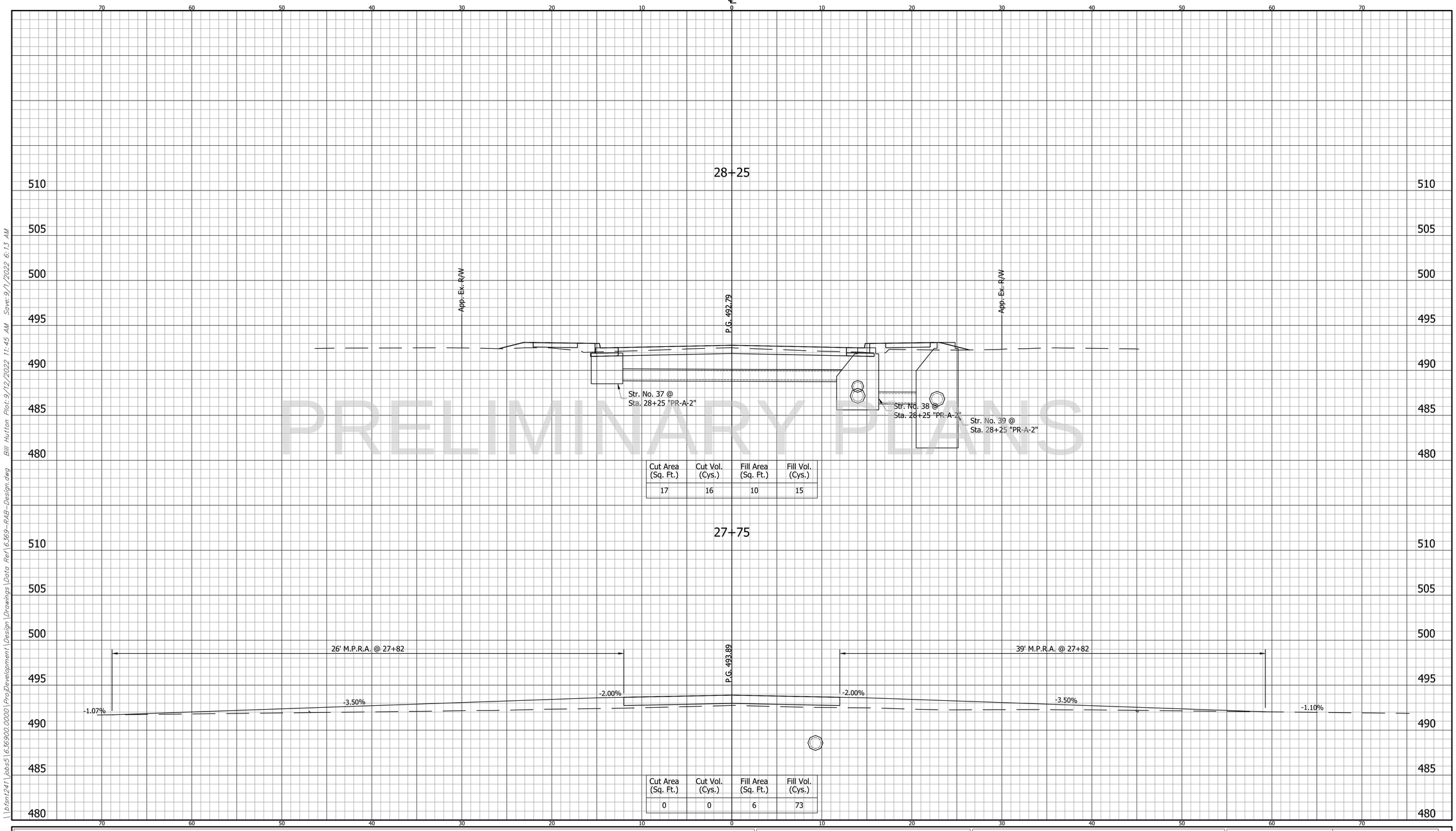
CROSS SECTIONS

SCALE: 1" = 5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
17	16	10	15

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
0	0	6	73

PRELIMINARY PLANS

CROSS SECTIONS LINE "A"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	8TH AVENUE	SURVEY BOOK N/A	SHEET 100 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

6369

BFS NO.

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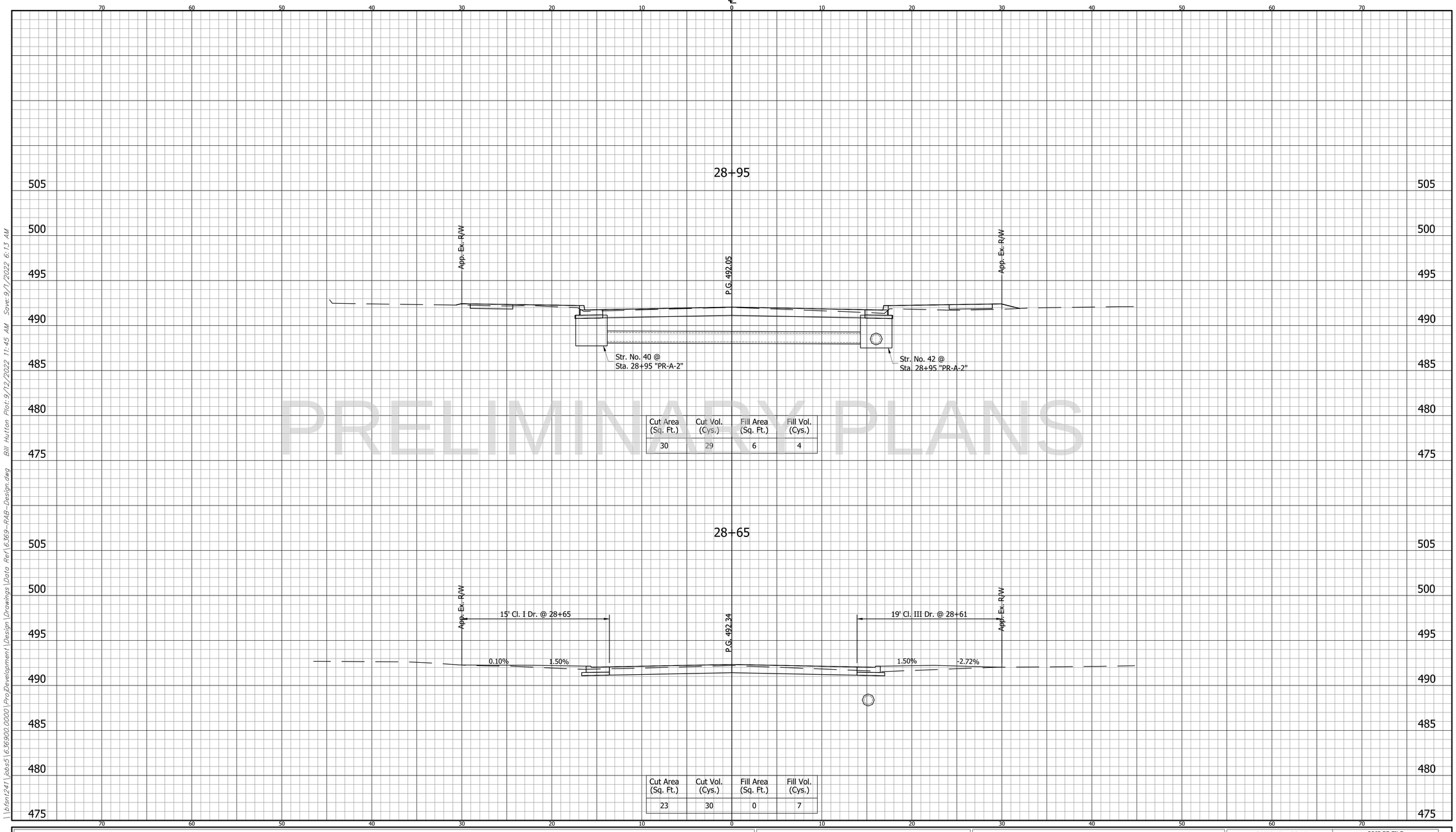
CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
30	29	6	4

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
23	30	0	7

PRELIMINARY PLANS

CROSS SECTIONS LINE "A"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	8TH AVENUE	SURVEY BOOK N/A	SHEET 101 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

6369

BFS NO.

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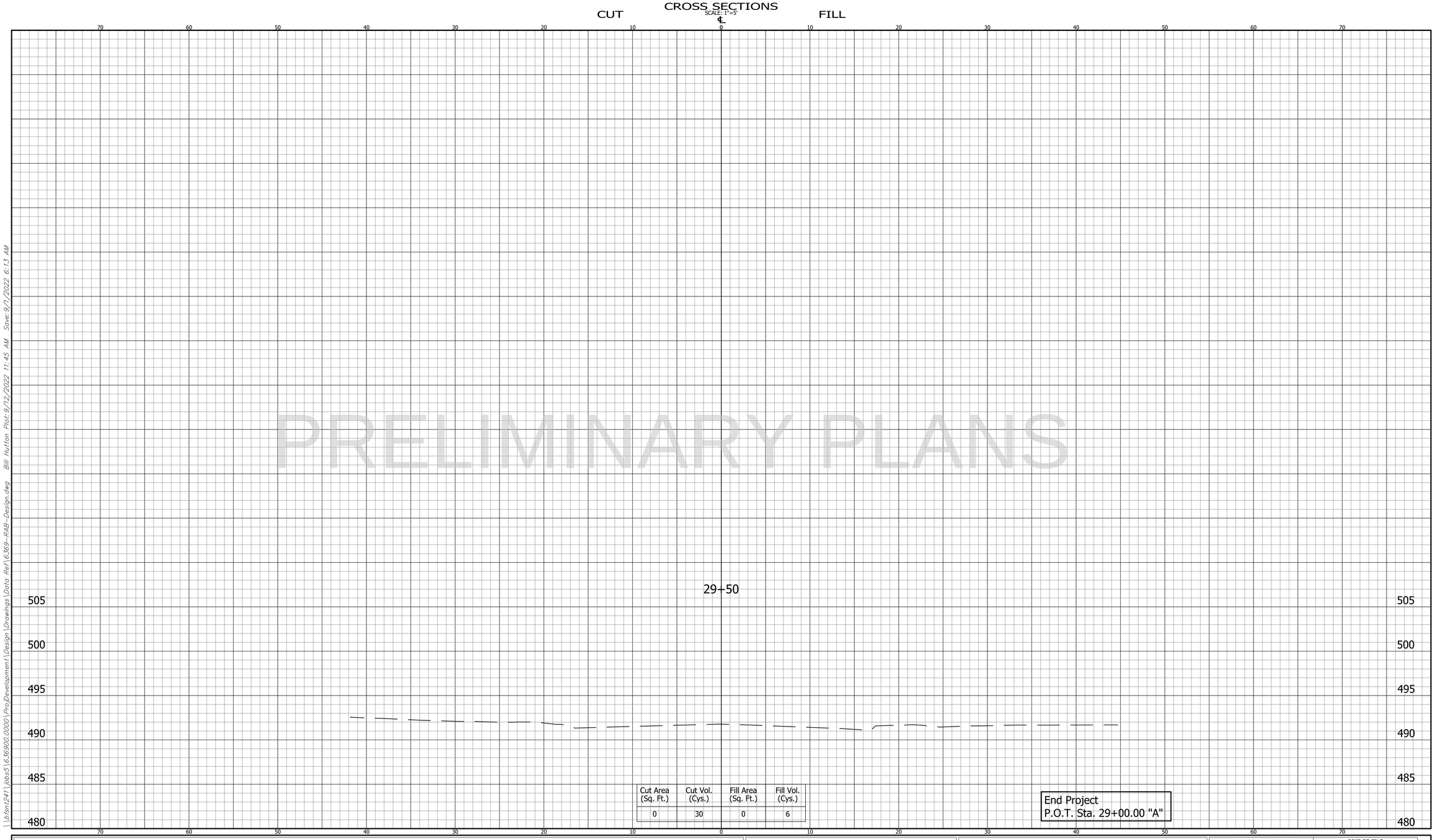
CROSS SECTIONS

SCALE: 1"=5'



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
0	30	0	6

\\fsn1241\jobs5\6369.00\Proj\Development\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:45 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS LINE "A"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	8TH AVENUE	SURVEY BOOK N/A	SHEET 102 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

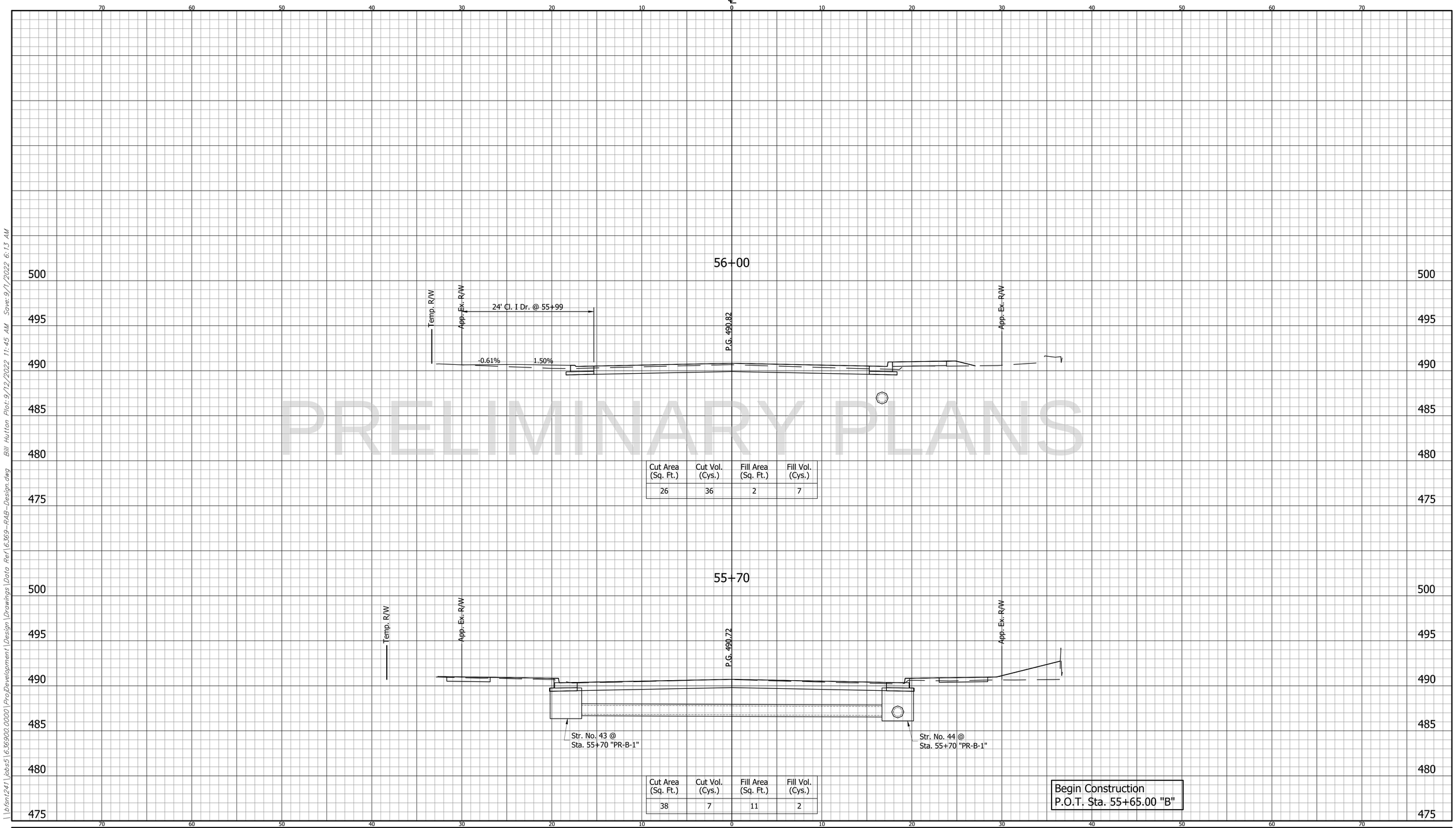
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
26	36	2	7

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
38	7	11	2

Begin Construction
P.O.T. Sta. 55+65.00 "B"

CROSS SECTIONS LINE "B"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	13TH STREET	SURVEY BOOK N/A	SHEET 103 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

6369

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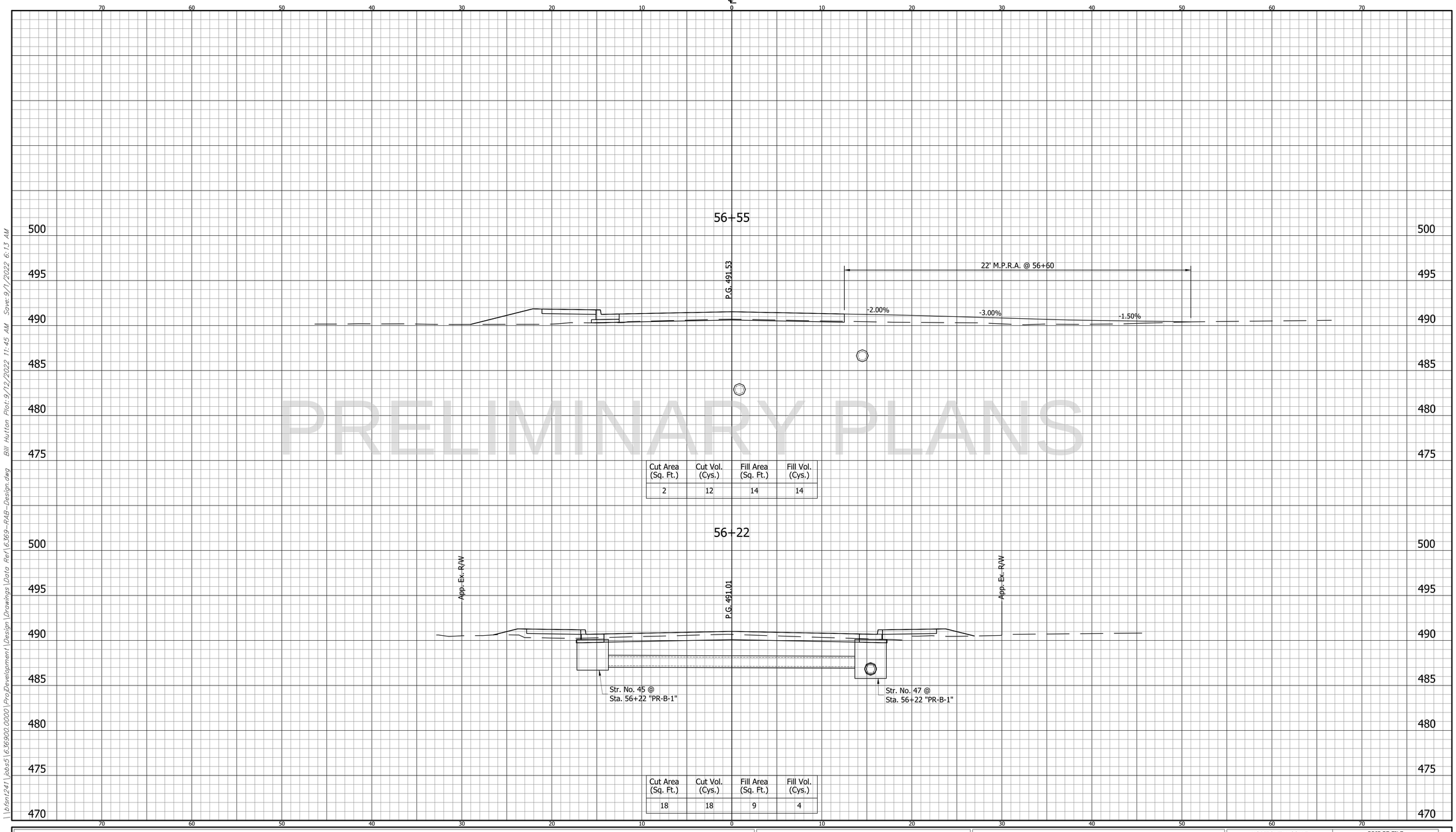
CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



PRELIMINARY PLANS

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
2	12	14	14

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
18	18	9	4

CROSS SECTIONS
LINE "B"

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	104 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

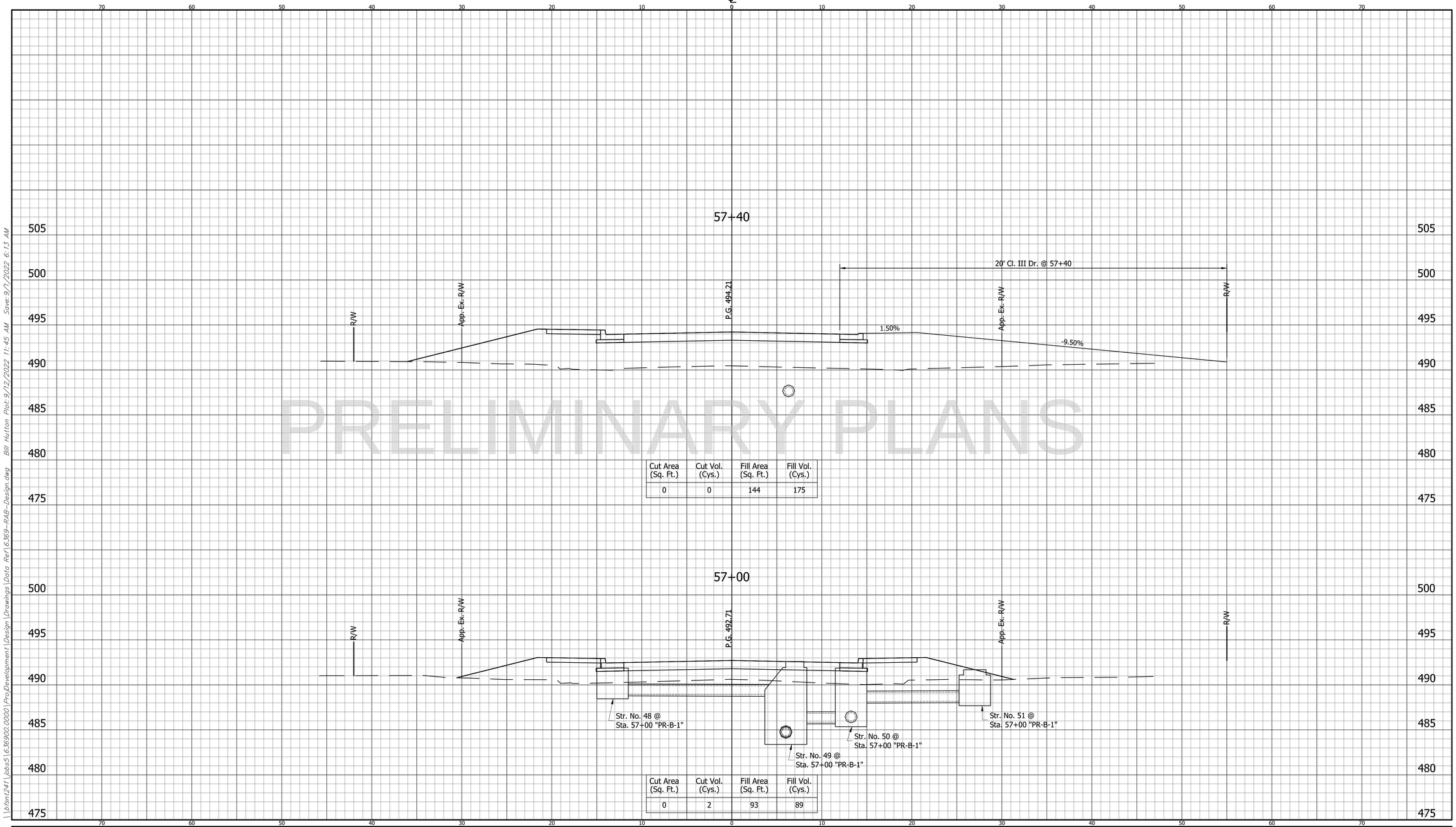
BFS NO.

\\fsn1241\jobs5\6369\0000\ProDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:45 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
0	0	144	175

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
0	2	93	89

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CROSS SECTIONS
LINE "B"

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	105 OF 121
CONTRACT	PROJECT
B-41843	1801932

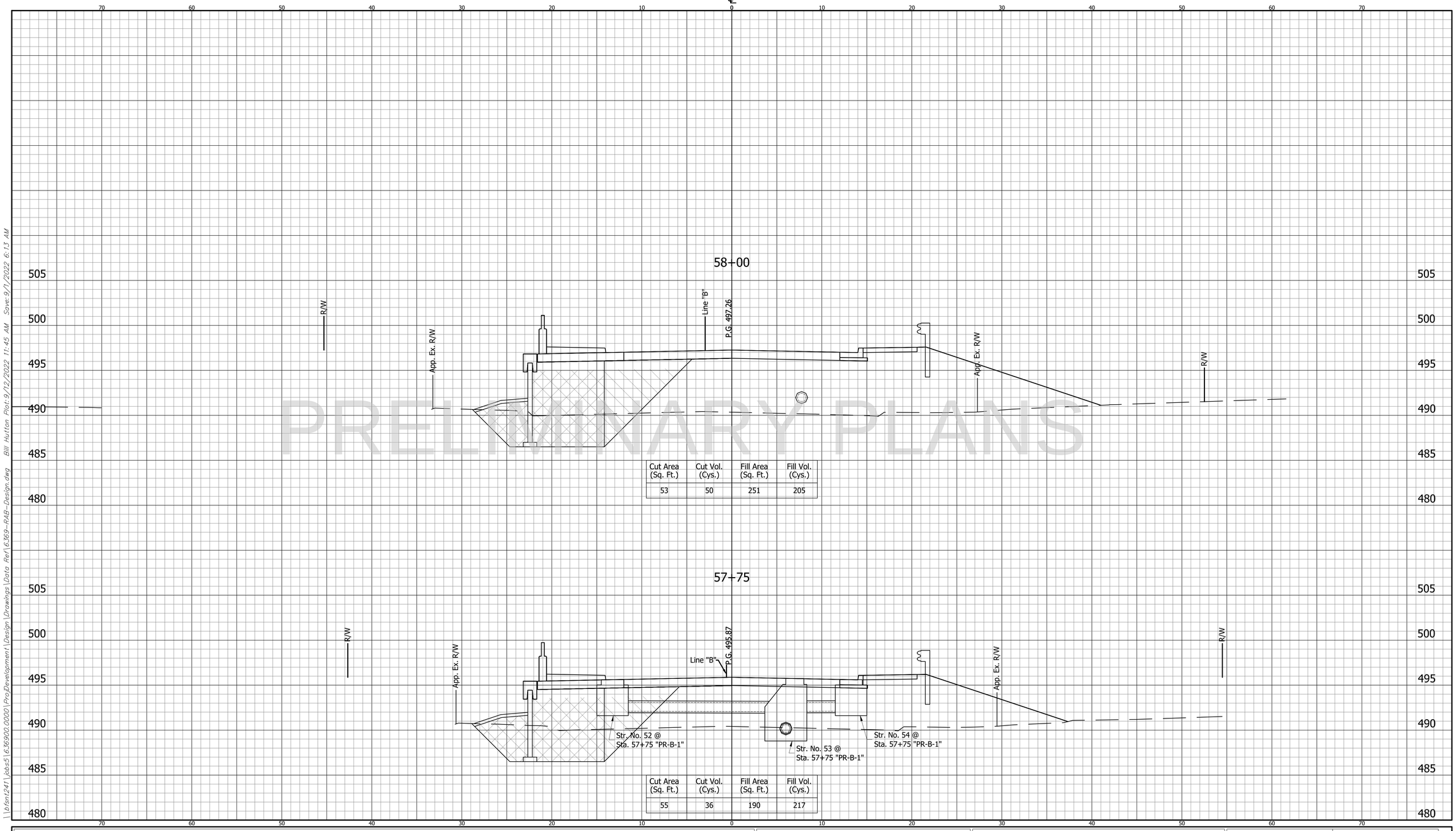
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



PRELIMINARY PLANS

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
53	50	251	205

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
55	36	190	217

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-1"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	106 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

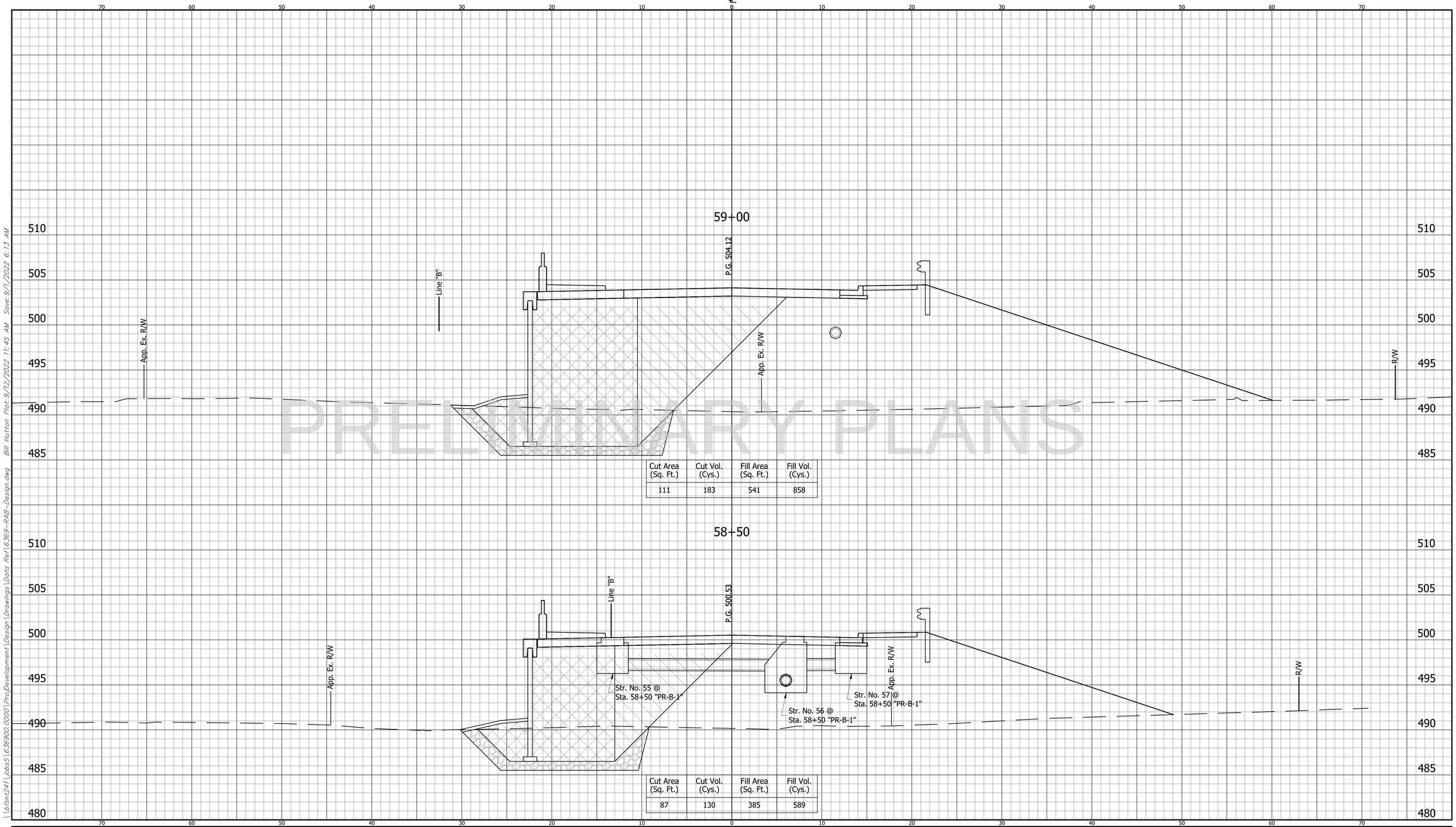
BFS NO.

\\fsn1241\jobs5\6369.0000\Proj\Development\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:45 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1" = 5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
111	183	541	858

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
87	130	385	589

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-1"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	107 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

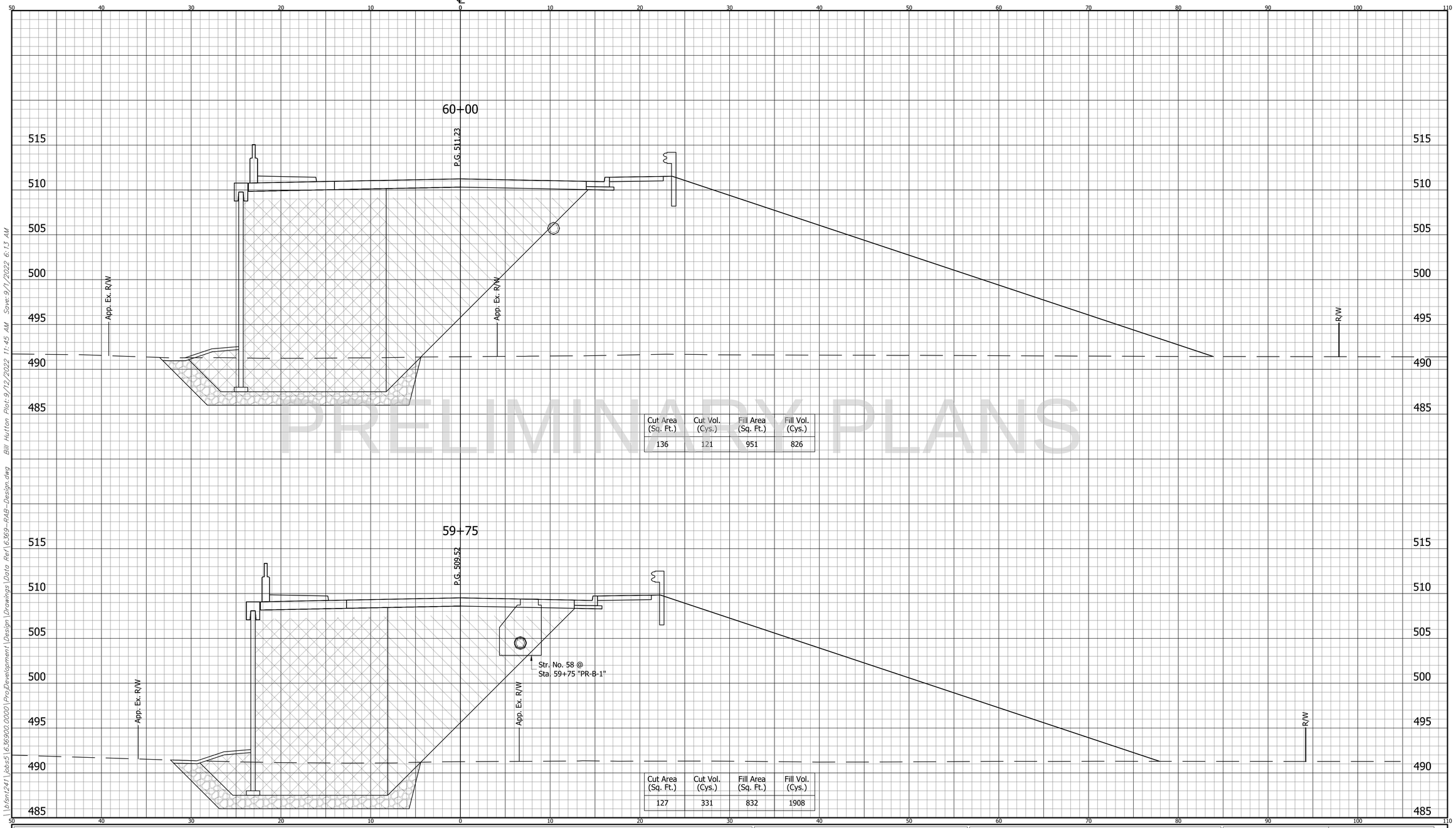
BFS NO.

\\bfsn241\jobs5\6369000\000\Projdevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:45 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
136	121	951	826

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
127	331	832	1908

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-1"

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	108 OF 121
CONTRACT	PROJECT
B-41843	1801932

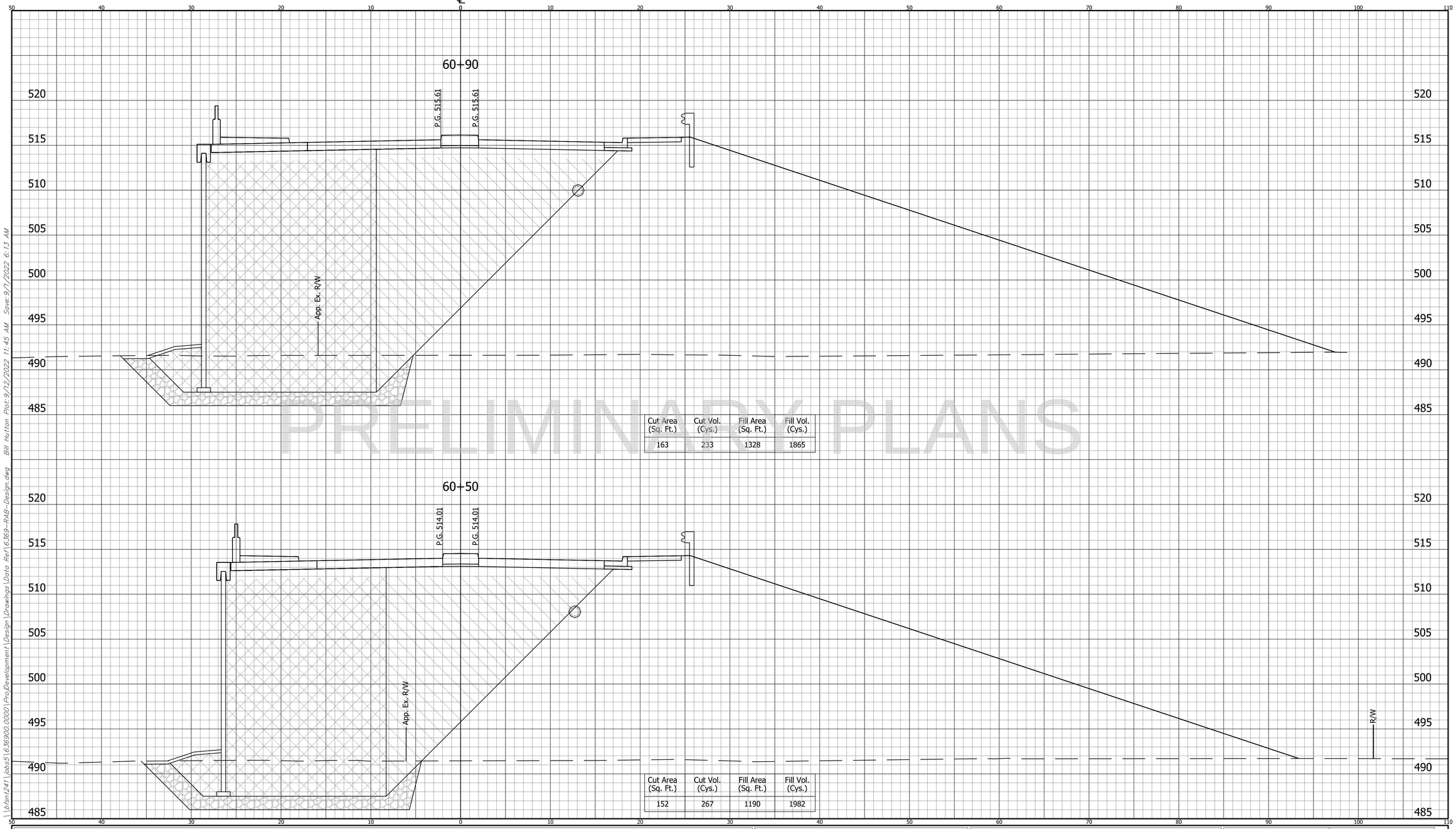
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
163	233	1328	1865

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
152	267	1190	1982

PRELIMINARY PLANS

\\fsn1241\jobs5\636900.0000\ProjDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:45 AM Save:9/1/2022 6:13 AM

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-1"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	109 OF 121
CONTRACT	PROJECT
B-41843	1801932

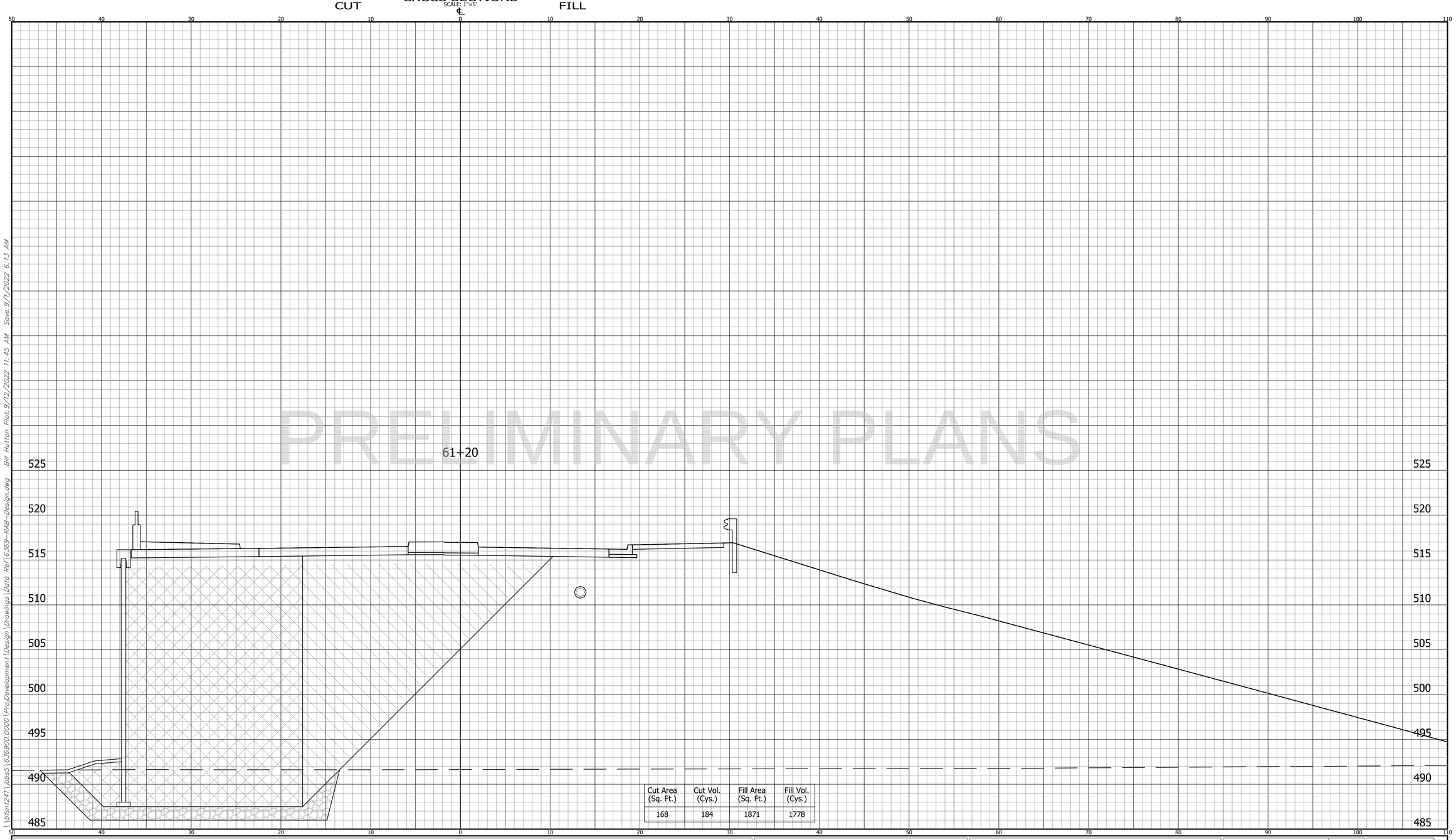
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT | FILL



PRELIMINARY PLANS

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
168	184	1871	1778

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS LINE "PR-B-1"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	13TH STREET	SURVEY BOOK N/A	SHEET 110 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

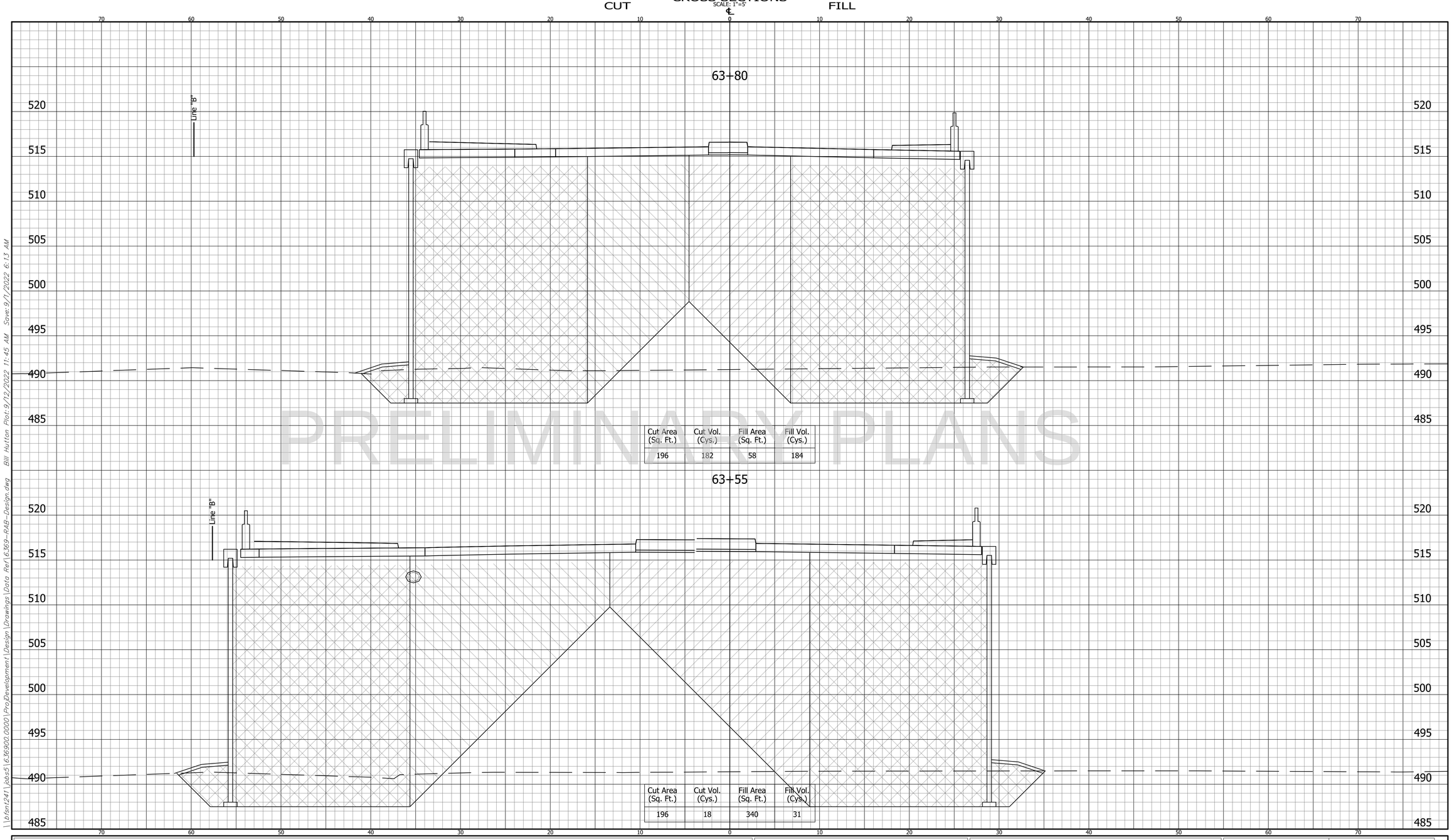
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
196	182	58	184

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
196	18	340	31

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-2"

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	111 OF 121
CONTRACT	PROJECT
B-41843	1801932

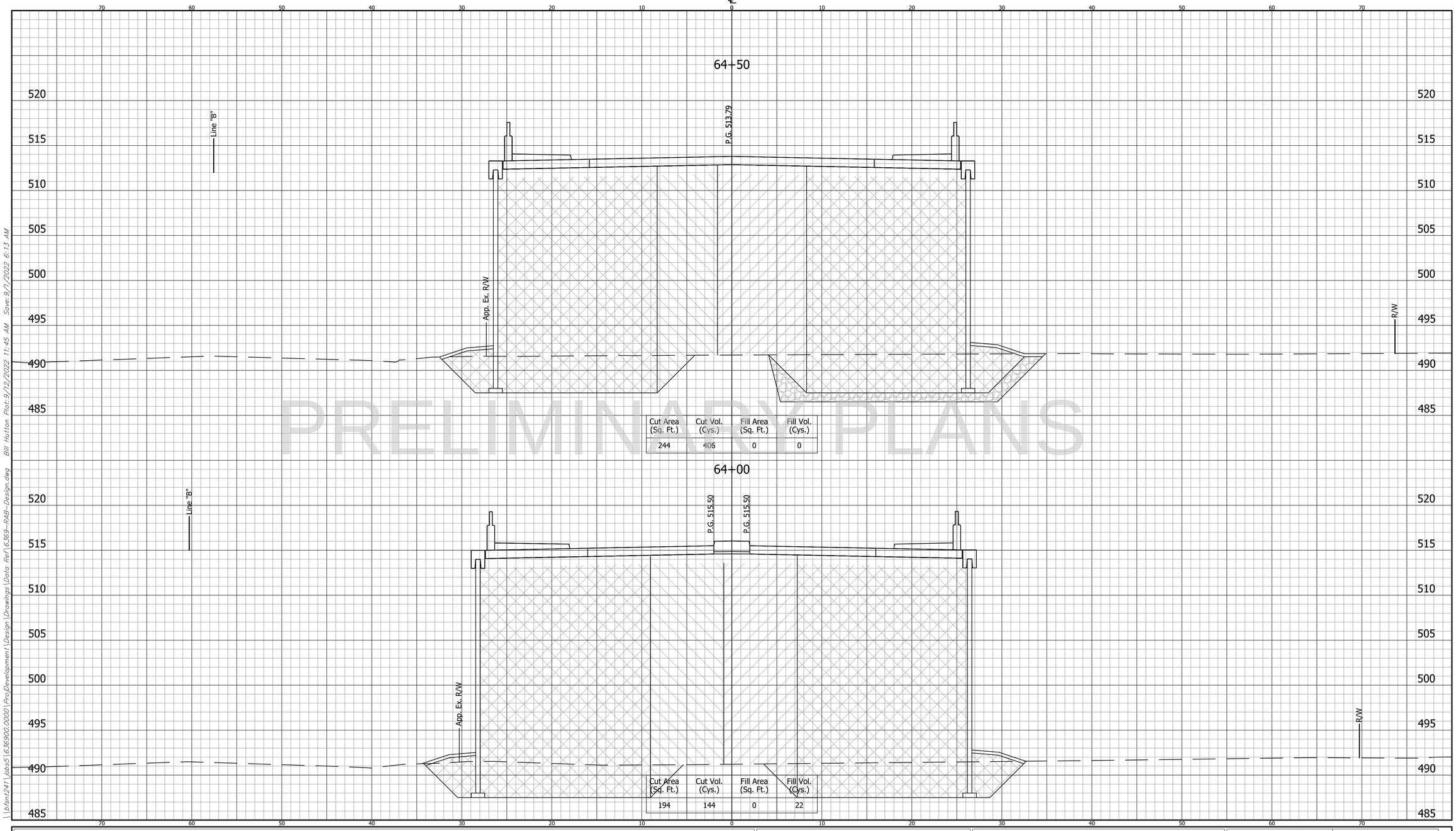
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
244	406	0	0

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
194	144	0	22

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-2"

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	112 OF 121
CONTRACT	PROJECT
B-41843	1801932

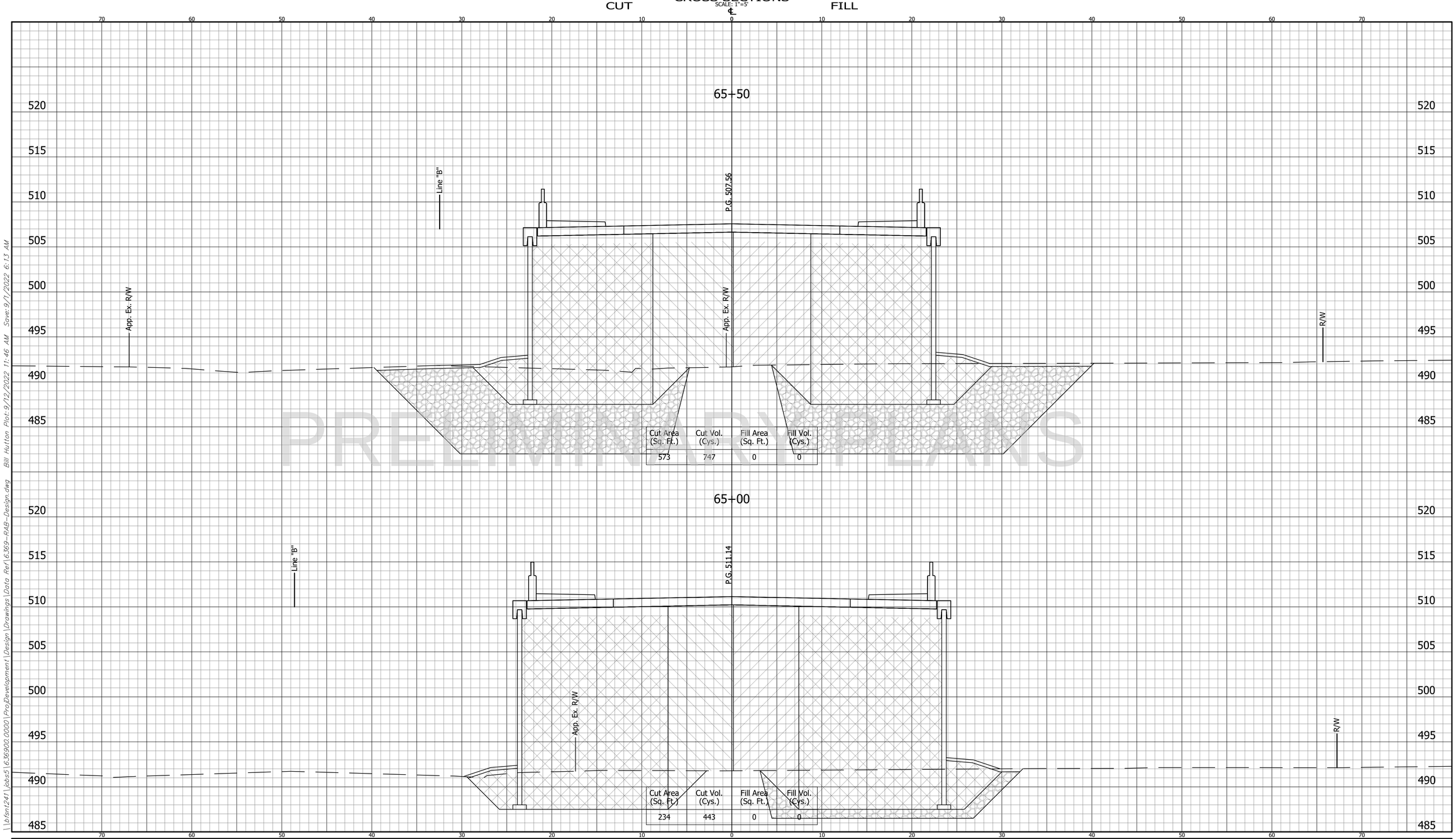
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS LINE "PR-B-2"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	13TH STREET	SURVEY BOOK N/A	SHEET 113 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

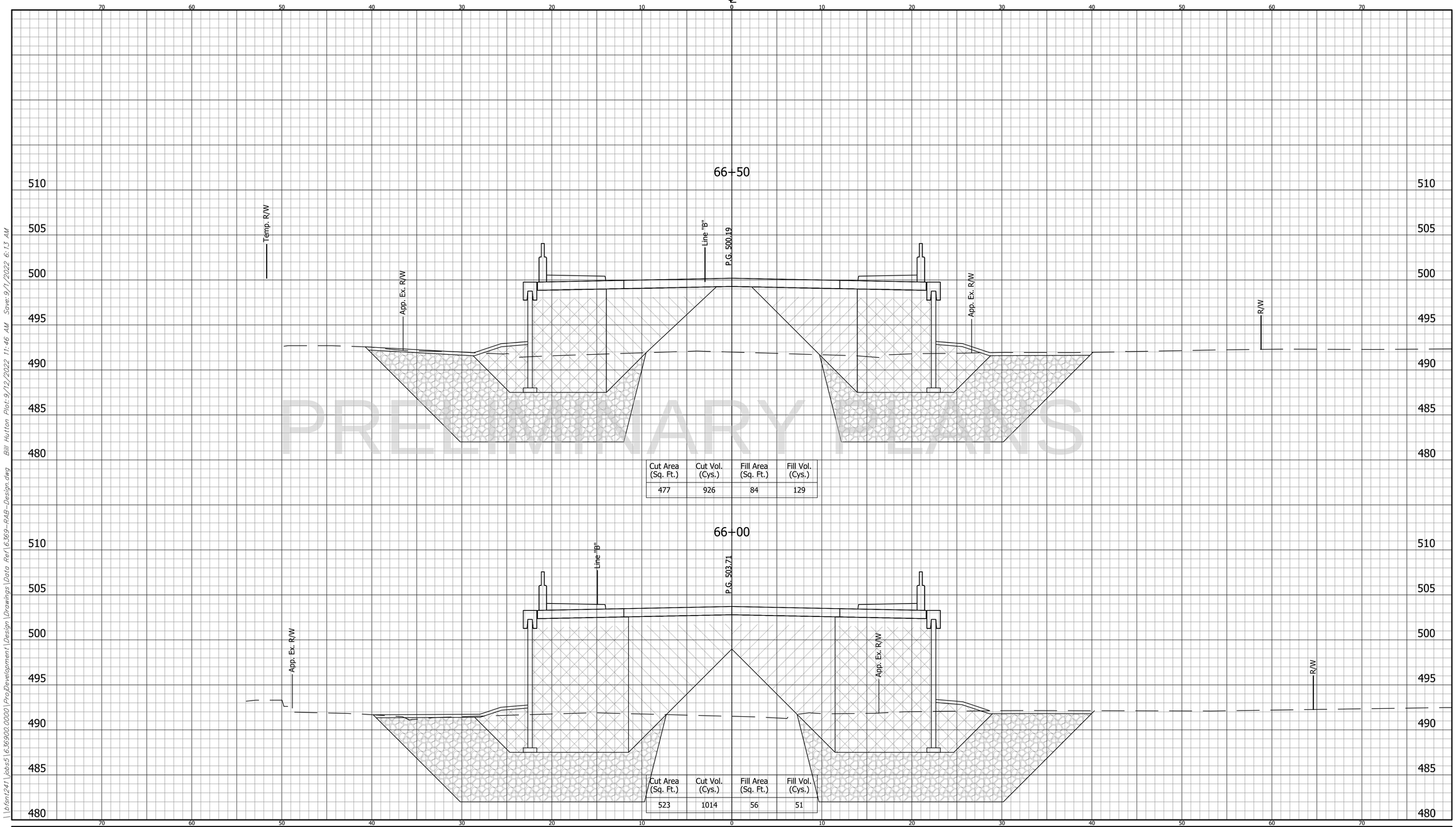
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
477	926	84	129

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
523	1014	56	51

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-2"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	114 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

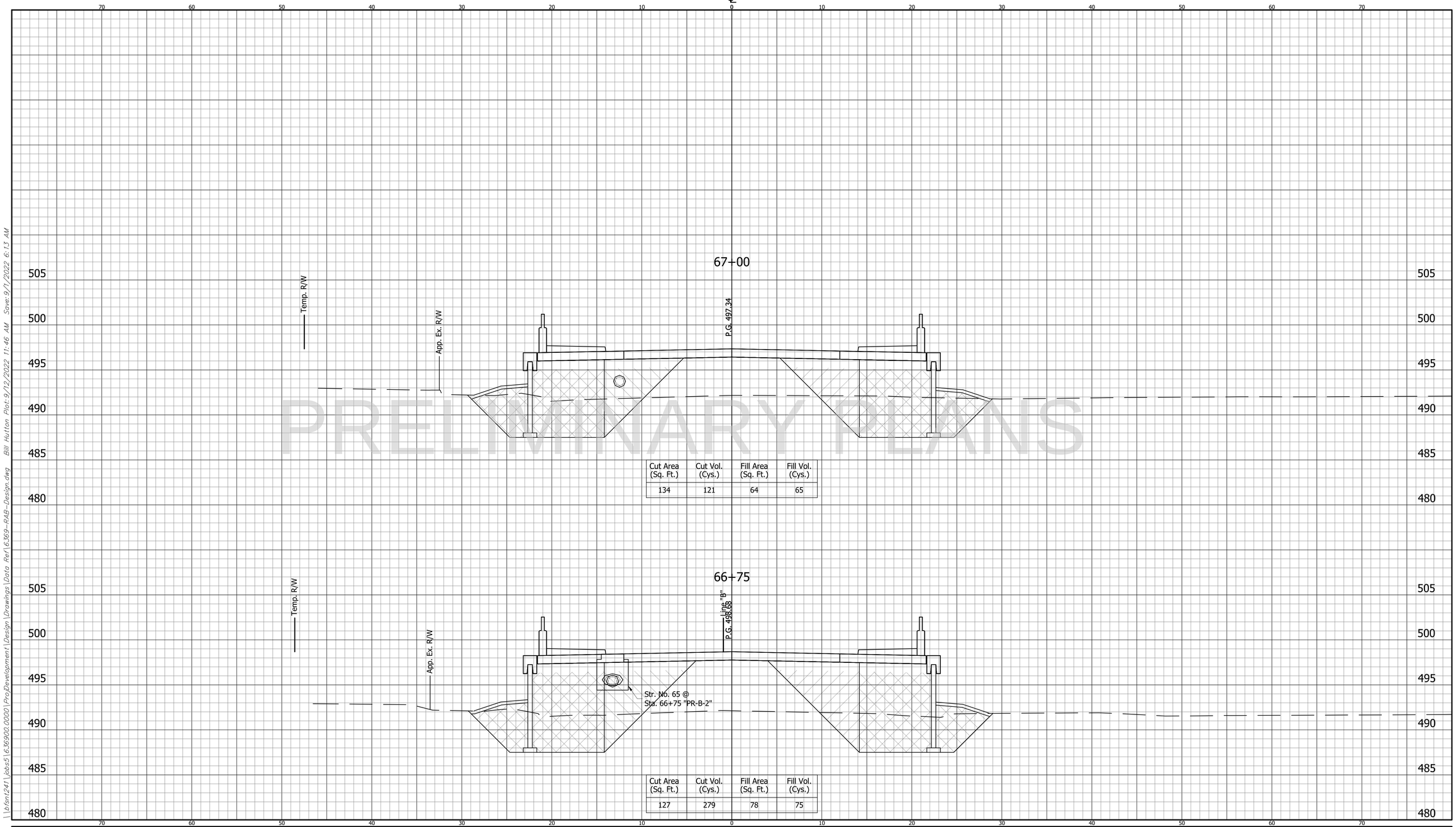
BFS NO.

\\bfsn241\jobs5\6369000.0000\ProDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:46 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
134	121	64	65

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
127	279	78	75

LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "PR-B-2" & "B"

DESIGNED: DJI DRAWN: BEH
CHECKED: ACE CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	115 OF 121
CONTRACT	PROJECT
B-41843	1801932

6369

BFS NO.

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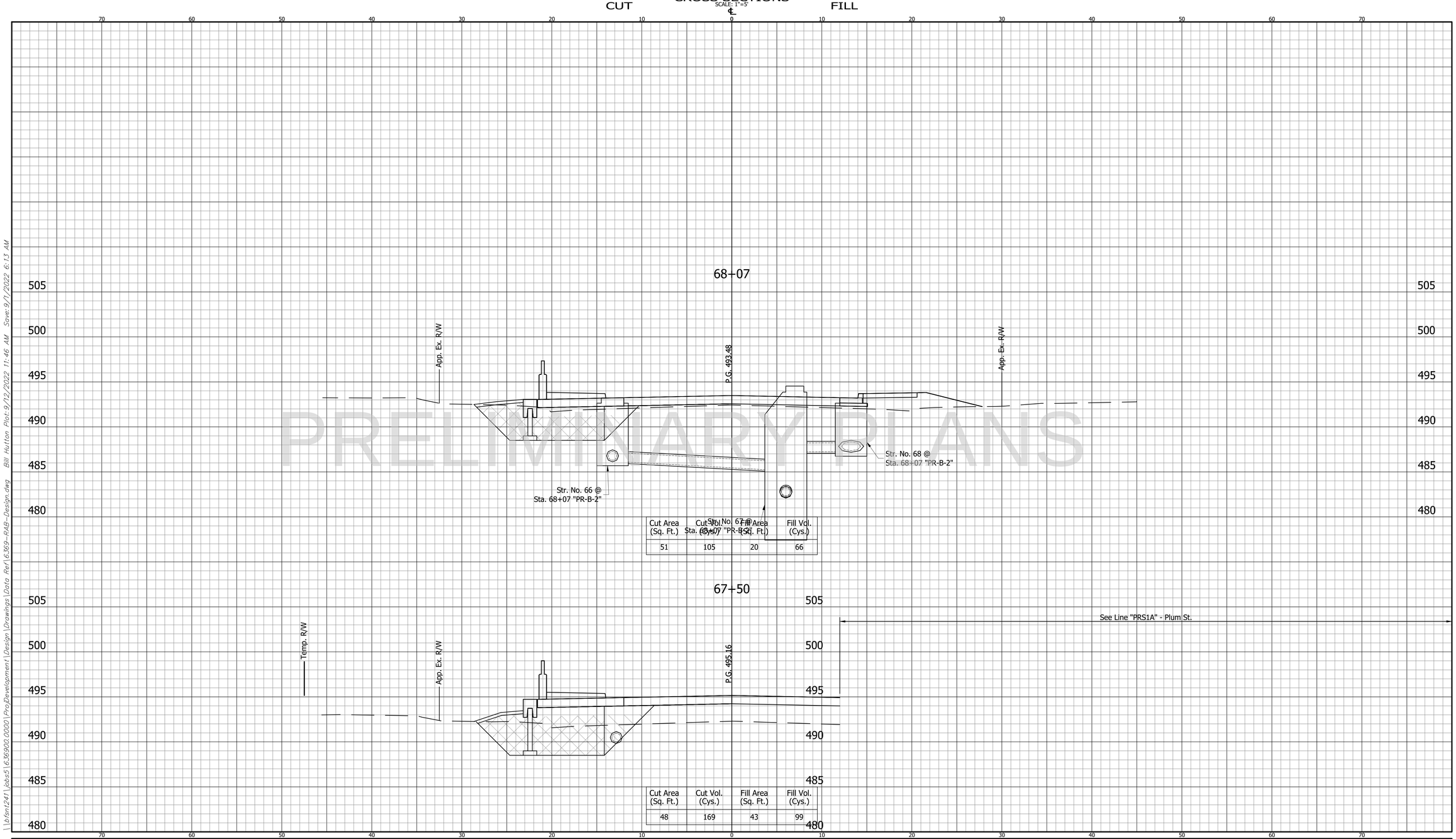
CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
51	105	20	66

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
48	169	43	99

PRELIMINARY PLANS

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LEGEND

- B-Borrow
- Str. Backfill Type 3
- Undercut

CROSS SECTIONS
LINE "B"

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

INDIANA
DEPARTMENT OF TRANSPORTATION

13TH STREET

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	116 OF 121
CONTRACT	PROJECT
B-41843	1801932

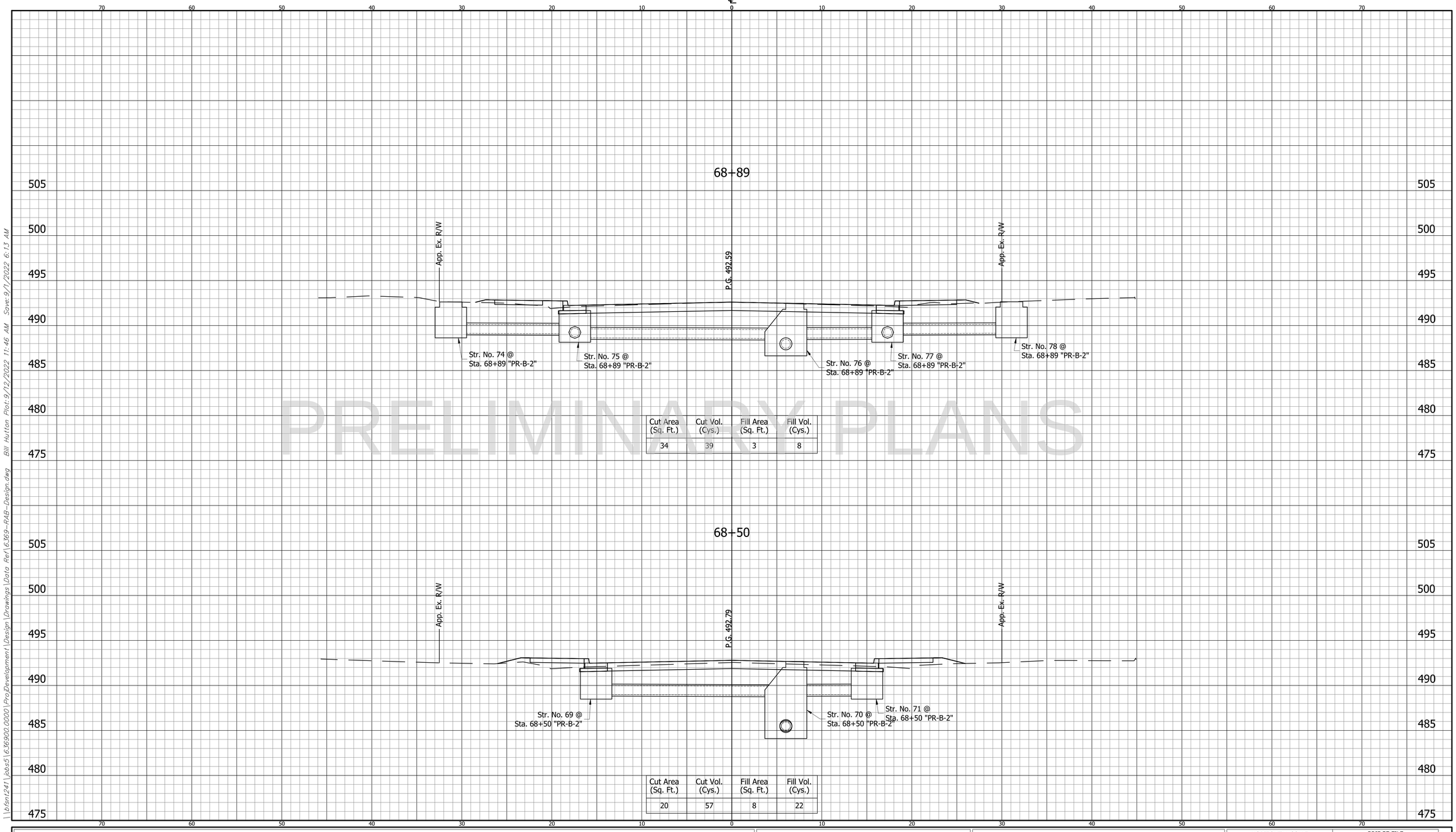
6369

BFS NO.

CROSS SECTIONS

SCALE: 1" = 5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
34	39	3	8

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
20	57	8	22

PRELIMINARY PLANS

CROSS SECTIONS LINE "B"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 1801932
DESIGNED: DJI / DRAWN: BEH	13TH STREET	SURVEY BOOK N/A	SHEET 117 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT B-41843	PROJECT 1801932

6369

BFS NO.

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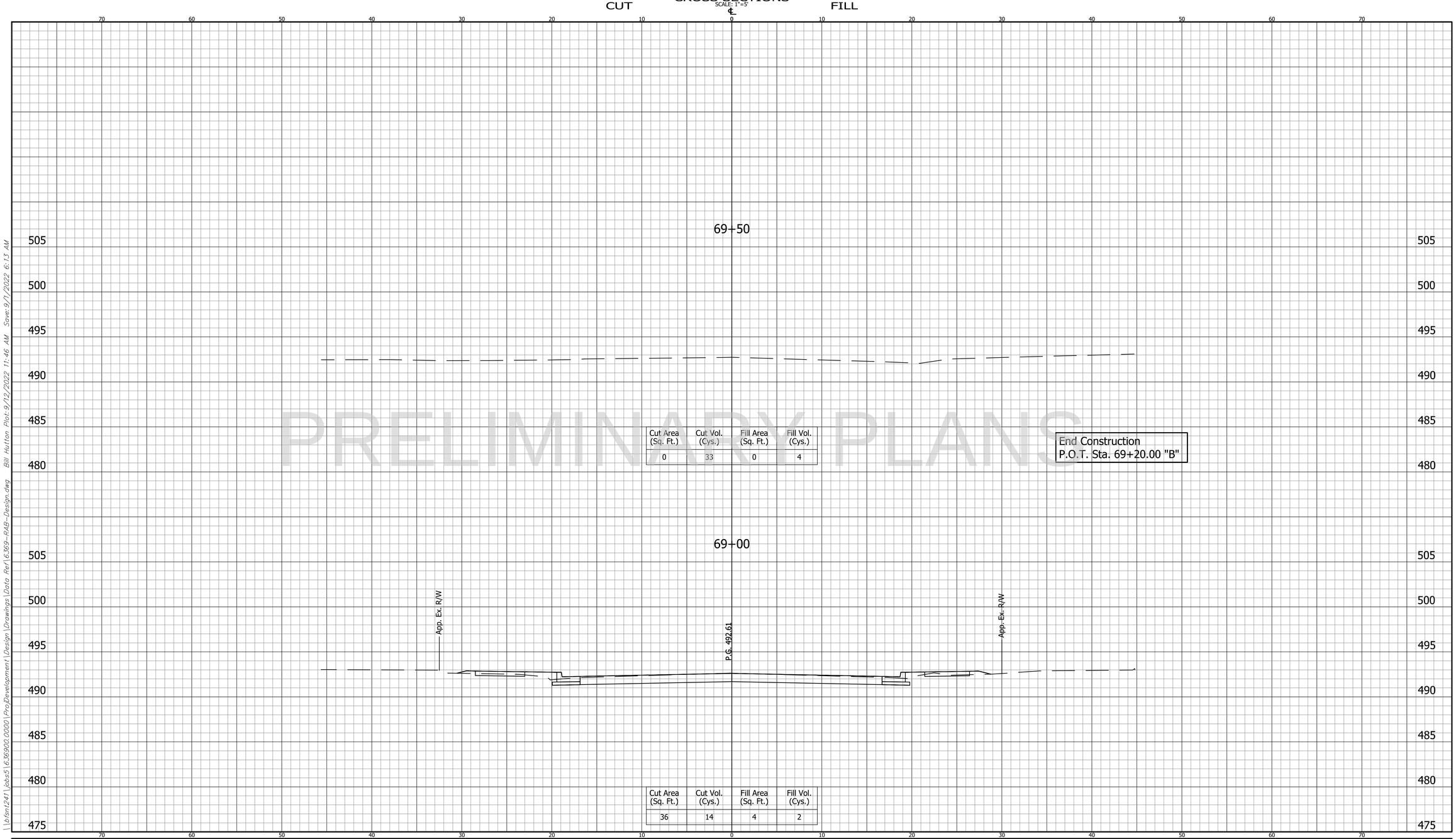
CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



PRELIMINARY PLANS

\\bfsn241\jobs5\6369.0000\ProjDevelopment\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:46 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS LINE "B"	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5'	BRIDGE FILE
		VERTICAL SCALE: 1" = 5'	DESIGNATION: 1801932
DESIGNED: DJI / DRAWN: BEH	13TH STREET	SURVEY BOOK: N/A	SHEET: 118 OF 121
CHECKED: ACE / CHECKED: DJI		CONTRACT: B-41843	PROJECT: 1801932

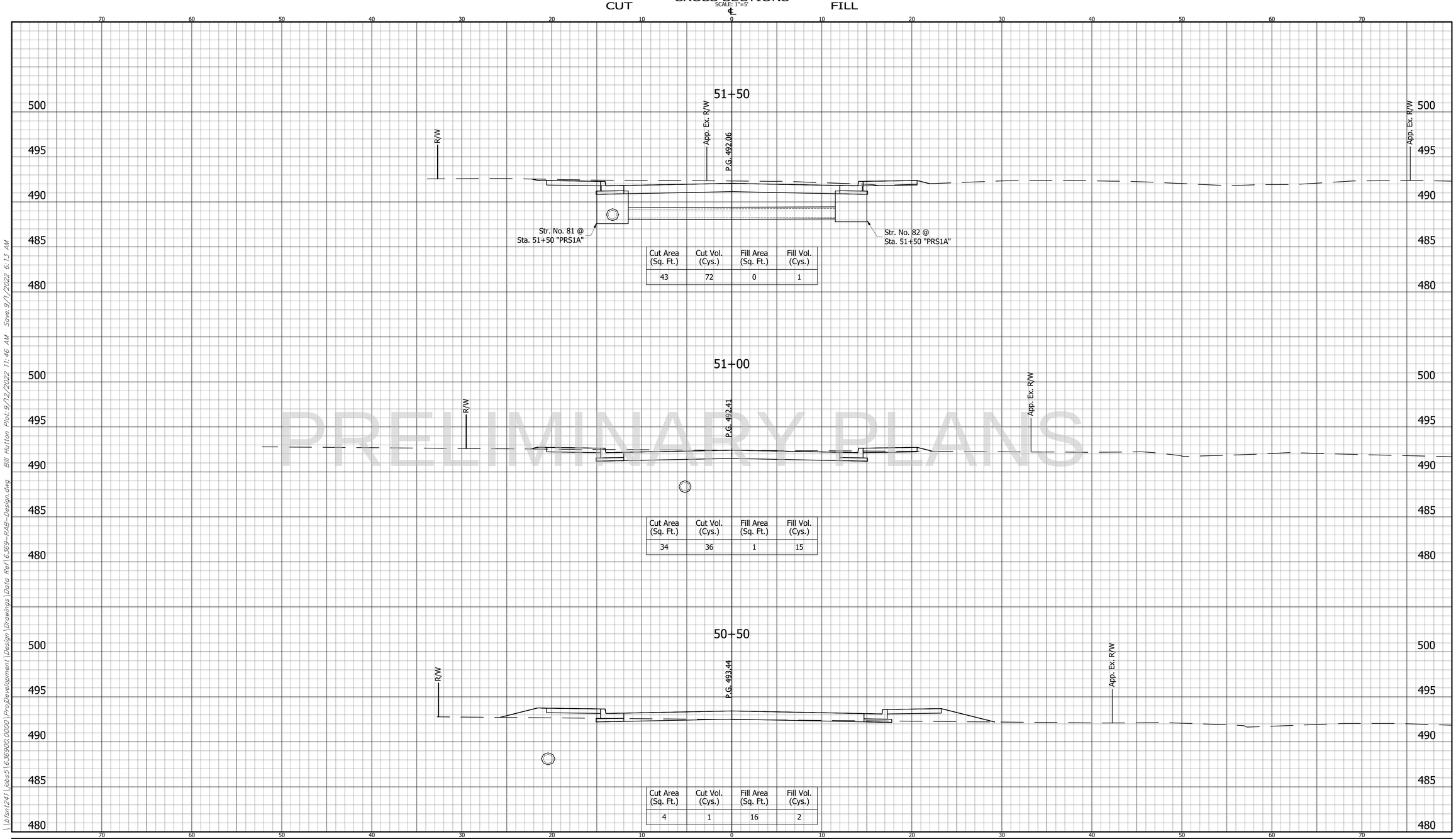
6369

BFS NO.

CROSS SECTIONS

SCALE: 1" = 5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
43	72	0	1

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
34	36	1	15

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
4	1	16	2

PRELIMINARY PLANS

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CROSS SECTIONS
LINE "PRS1A"

INDIANA
DEPARTMENT OF TRANSPORTATION

PLUM STREET

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	119 OF 121
CONTRACT	PROJECT
B-41843	1801932

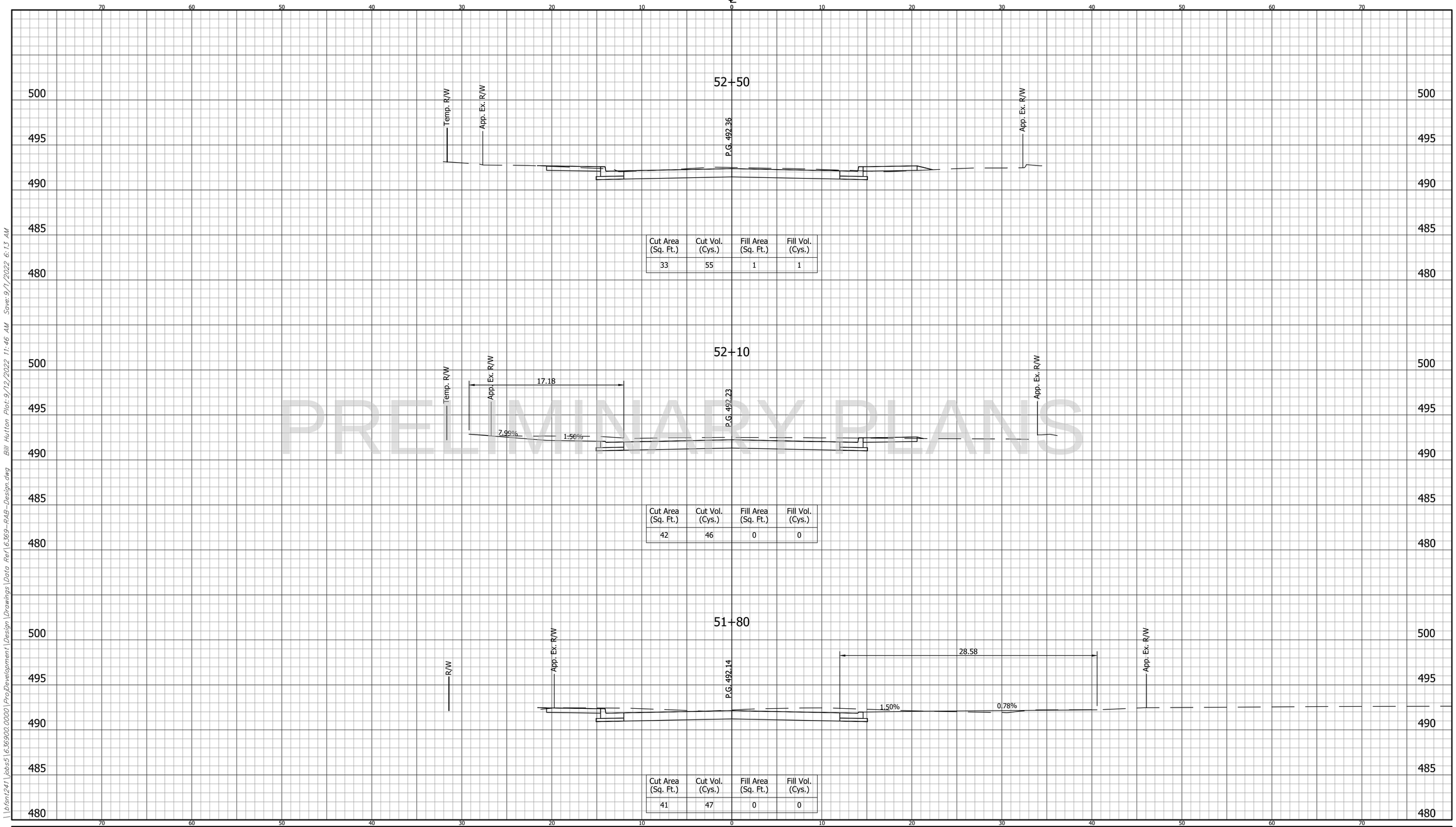
6369

BFS NO.

CROSS SECTIONS

SCALE: 1" = 5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
33	55	1	1

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
42	46	0	0

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
41	47	0	0

PRELIMINARY PLANS

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CROSS SECTIONS
LINE "PRS1A"

INDIANA
DEPARTMENT OF TRANSPORTATION

PLUM STREET

DESIGNED: DJI
DRAWN: BEH
CHECKED: ACE
CHECKED: DJI

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1801932
SURVEY BOOK	SHEET
N/A	120 OF 121
CONTRACT	PROJECT
B-41843	1801932

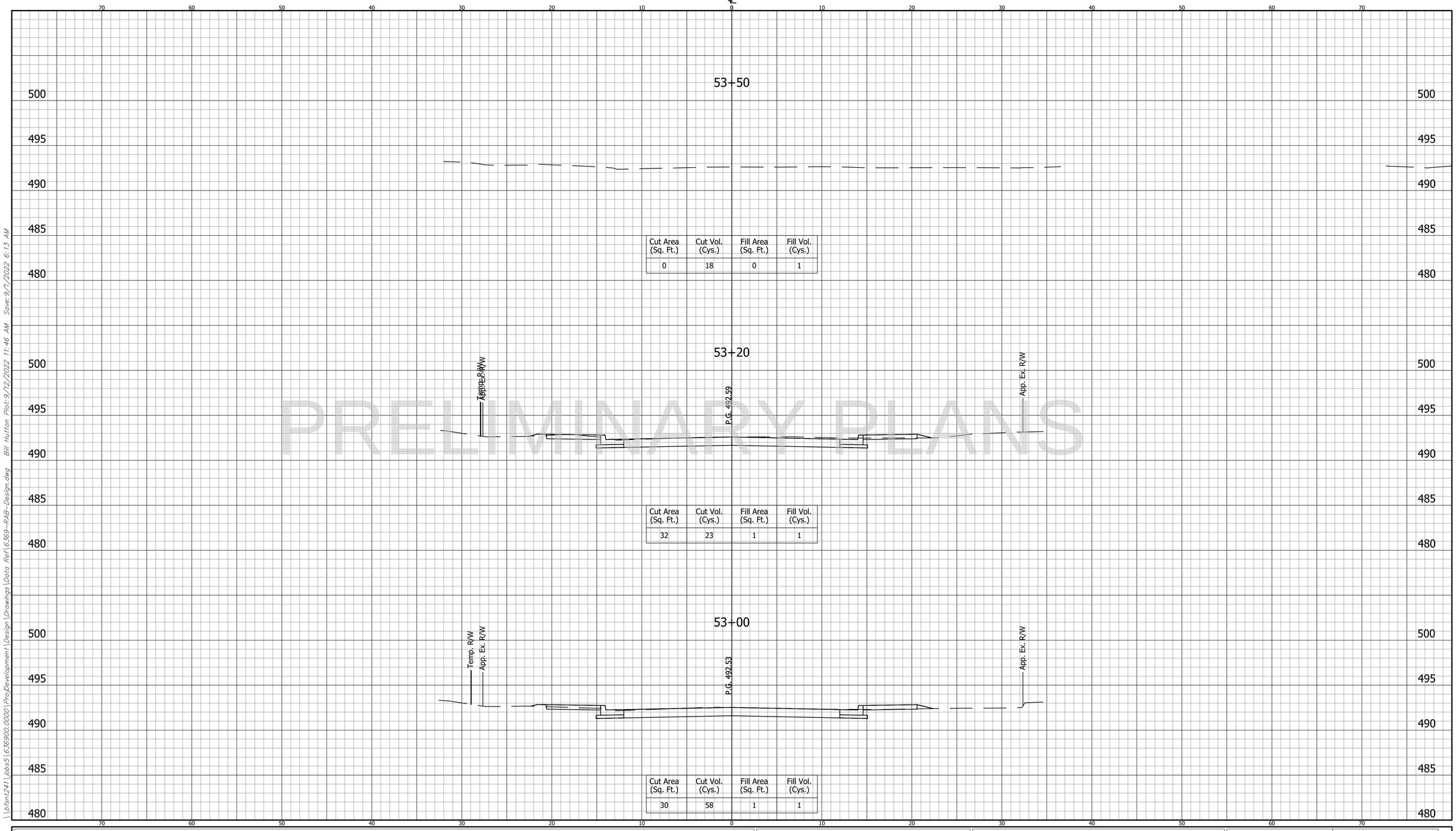
6369

BFS NO.

CROSS SECTIONS

SCALE: 1"=5'

CUT ℄ FILL



Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
0	18	0	1

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
32	23	1	1

Cut Area (Sq. Ft.)	Cut Vol. (Cys.)	Fill Area (Sq. Ft.)	Fill Vol. (Cys.)
30	58	1	1

PRELIMINARY PLANS

\\fsn1241\jobs5\6369.00\00\Proj\Development\Design\Drawings\Data Ref\6369-RAB-Design.dwg Bill Hutton Plot:9/12/2022 11:46 AM Save:9/1/2022 6:13 AM

CROSS SECTIONS
LINE "PRS1A"

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