



125. View of upland area, looking northeast. (Taken 5/11/2021)



126. View of upland area, looking southwest. (Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-29







127. View of upland area, looking southwest. (Taken 5/11/2021)



128. View of upland area, looking northeast. (Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-30







129. View of upland area, looking south. (Taken 5/11/2021)



130. View of upland area, looking northeast. (Taken 5/11/2021)



131. View of upland area, looking southeast. (Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-31







132. View of upland area, looking southwest. (Taken 5/11/2021)



133. View of upland area, looking southwest. (Taken 5/11/2021)



134. View of upland area, looking southwest. (Taken 5/11/2021)



135. View of Walnut Grove Rd. ROW from PSL, looking south-east. (Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-32







136. View of upland area, looking southeast. (Taken 5/11/2021)



137. View of upland area, looking southeast. (Taken 5/11/2021)



138. View of upland area, looking south. (Taken 5/11/2021)



139. View of upland area, looking southwest. (Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-33







140. View of upland area, looking northwest. (Taken 5/11/2021)



141. View of upland area, looking northeast. (Taken 5/11/2021)



142. View of upland area, looking southwest. (Taken 5/11/2021)



143. View of upland area, looking southwest. (Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-34







144. View of upland area, looking northeast. (Taken 5/11/2021)



145. View of upland area, looking southeast. (Taken 5/11/2021)



146. View of Blackiston Mill Rd ROW, looking west. (Taken 5/11/2021)



147. View of SP-4, Upland Sampling Point 4, soil profile. (Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-35







148. View of SP-4, Upland Sampling Point 4, looking southwest.  
(Taken 5/11/2021)



149. View of SP-4, Upland Sampling Point 4, looking northeast.  
(Taken 5/11/2021)

**SITE PHOTOGRAPHS—5/14/2020 and 5/11/2021**

Floyd County Bridge No. 51

Bridge Replacement

New Albany Township, Floyd County and Jeffersonville Township, Clark County, Indiana

Des. No. 1700788

B-36





**APPENDIX B: Graphics**  
**Part 2: Pages B-37 to B-65**



PLOT DATE: 11/24/2021 @ 8:01AM

PROJECT	DESIGNATION
1700788	1700788
CONTRACT	
B-40311	

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
22-00051	PRESTRESSED CONCRETE I-BEAM	3 SPANS: 66'-9", 80'-0" & 66'-9" SKEW: 25° RL	SILVER CREEK	23+62.25 Line "A"

# INDIANA DEPARTMENT OF TRANSPORTATION



## BRIDGE PLANS

FOR SPANS OVER 20 FEET  
ROUTE: BLACKISTON MILL ROAD

PROJECT NO. 1700788 P.E.  
PROJECT NO. 1700788 R/W  
PROJECT NO. 1700788 CONST.

Bridge No. 51 Replacement on Blackiston Mill Road over Silver Creek  
Located 0.2 Miles East of Charlestown Road in Survey Nos. 63 & 45  
of the Clark Military Grant in New Albany Township, Floyd County,  
and Jeffersonville Township, Clark County, Indiana

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
**FLOYD COUNTY BOARD OF COMMISSIONERS**

Shawn Carruthers, President \_\_\_\_\_

John Schellenberger, Member \_\_\_\_\_

Tim Kamer, Member \_\_\_\_\_

**EMPLOYEE IN RESPONSIBLE CHARGE**

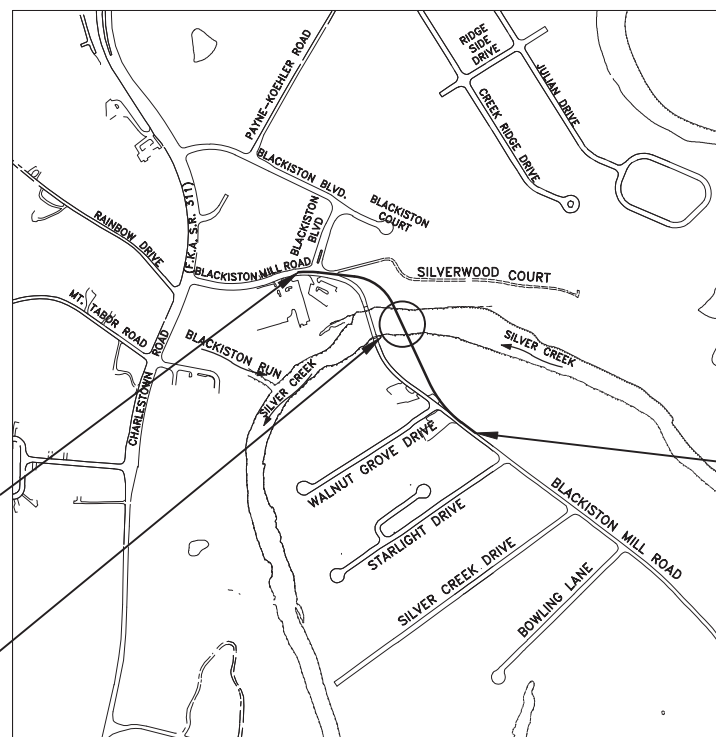
Don Lopp \_\_\_\_\_  
Director of Operations and County Planner

**FLOYD COUNTY ATTORNEY**

Richard Fox \_\_\_\_\_

**FLOYD COUNTY ENGINEER**

Horacio Urieta, P.E. \_\_\_\_\_



BEGIN PROJECT NO. 1700788  
STA. 15+81.40 "A"

END PROJECT NO. 1700788  
STA. 31+50.00 "A"

Structure 22-00051  
Over Silver Creek  
Sta. 23+62.25 Line "A"

### TRAFFIC DATA

A.A.D.T. (2016)	14,132 V.P.D.
A.A.D.T. (2042)	16,335 V.P.D.
D.H.V. (2042)	1,272 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	7 % A.A.D.T. 8.5 % D.H.V.

### DESIGN DATA

DESIGN SPEED	30 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL
RURAL/URBAN	URBAN/SUBURBAN
TERRAIN	ROLLING
ACCESS CONTROL	NONE



PROJECT LOCATION SHOWN BY \_\_\_\_\_

LATITUDE: 38°20'03" LONGITUDE: 85°47'39"

BRIDGE LENGTH: 0.041 MI.  
ROADWAY LENGTH: 0.256 MI.  
TOTAL LENGTH: 0.297 MI.  
MAX. GRADE: 4.45 %

HUC: 051401010806

[INDIANA DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS DATED 2021  
TO BE USED WITH THESE PLANS]



**Jacobi, Toombs & Lanz, Inc.**  
Consulting Engineers & Land Surveyors

1829 East Spring Street - New Albany, Indiana 47150

812-945-9585 - WWW.JTLENG.COM

APPROVED FOR LETTING \_\_\_\_\_  
INDIANA DEPARTMENT OF TRANSPORTATION \_\_\_\_\_ DATE \_\_\_\_\_

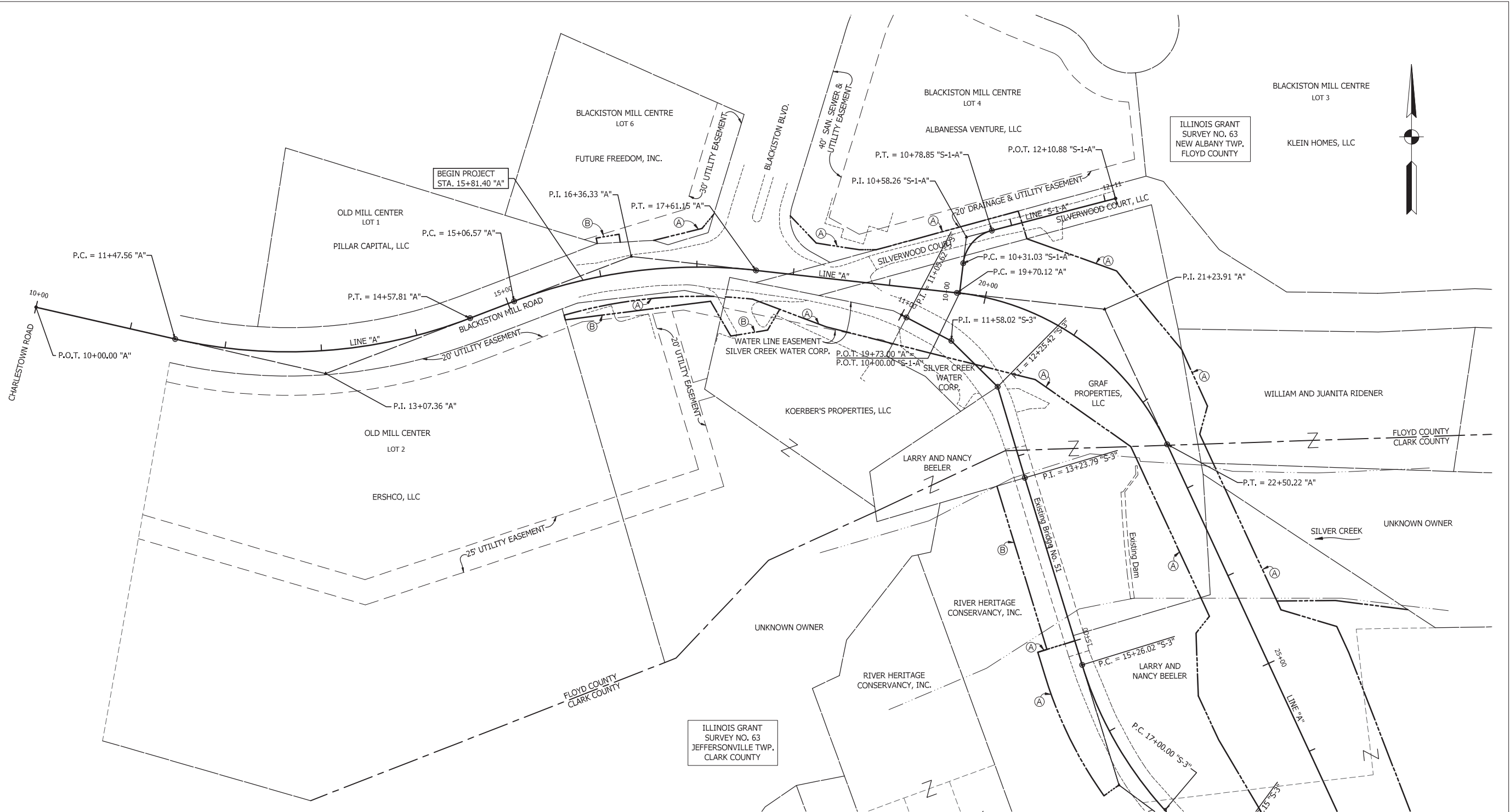
PLANS PREPARED BY: JACOBI, TOOMBS AND LANZ, INC. CONSULTING ENGINEERS 812-945-9585 PHONE NUMBER  
CERTIFIED BY: \_\_\_\_\_ PRESIDENT DATE \_\_\_\_\_  
CERTIFIED BY: \_\_\_\_\_ TRANSPORTATION MANAGER DATE \_\_\_\_\_

BRIDGE FILE	22-00051
DESIGNATION	1700788
SHEETS	1 of -
CONTRACT	B-40311
PROJECT	1700788



PLOT DATE: 11/24/2021 @ 8:07AM

S:\projects\19039 - Floyd Co. Bridge No. 51 Replacement\Drawings\19039 - PLAT NO. 1.dwg



ILLINOIS GRANT SURVEY NO. 63 NEW ALBANY TWP. FLOYD COUNTY

ILLINOIS GRANT SURVEY NO. 63 JEFFERSONVILLE TWP. CLARK COUNTY

**LEGEND**  
 (A) PERMANENT RIGHT-OF-WAY  
 (B) TEMPORARY RIGHT-OF-WAY

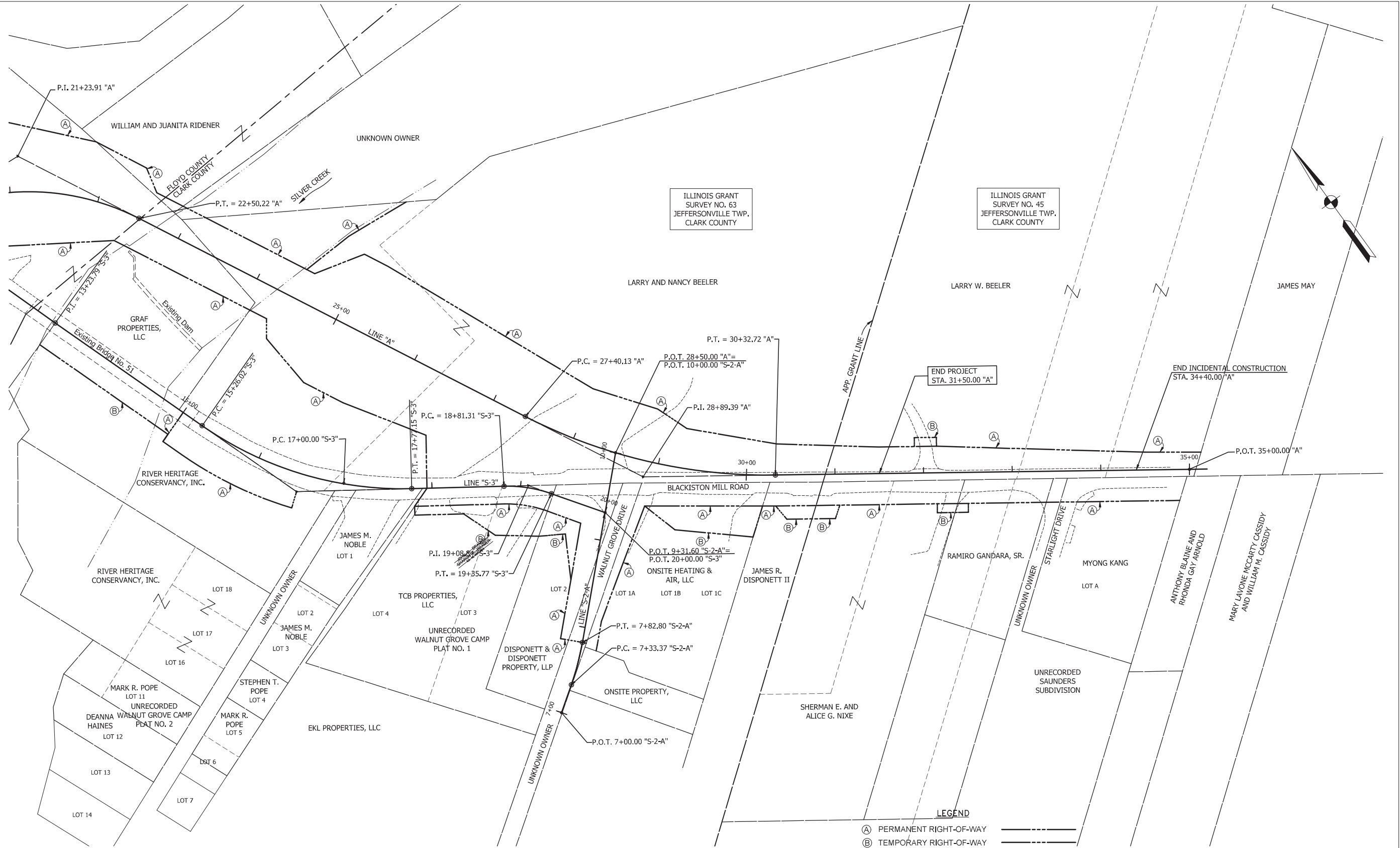
**Jacobi, Toombs & Lanz, Inc.**  
*Consulting Engineers & Land Surveyors*  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ TLS	DRAWN: _____ SWC	
CHECKED: _____ ELP	CHECKED: _____ TLS	

INDIANA DEPARTMENT OF TRANSPORTATION  
 PLAT NO. 1

SCALE 1"=50'	BRIDGE FILE 22-00051
	DESIGNATION 1700788
	SHEETS 7 of 23
CONTRACT B-40311	PROJECT 1700788





**Jacobi, Toombs & Lanz, Inc.**  
 Consulting Engineers & Land Surveyors  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

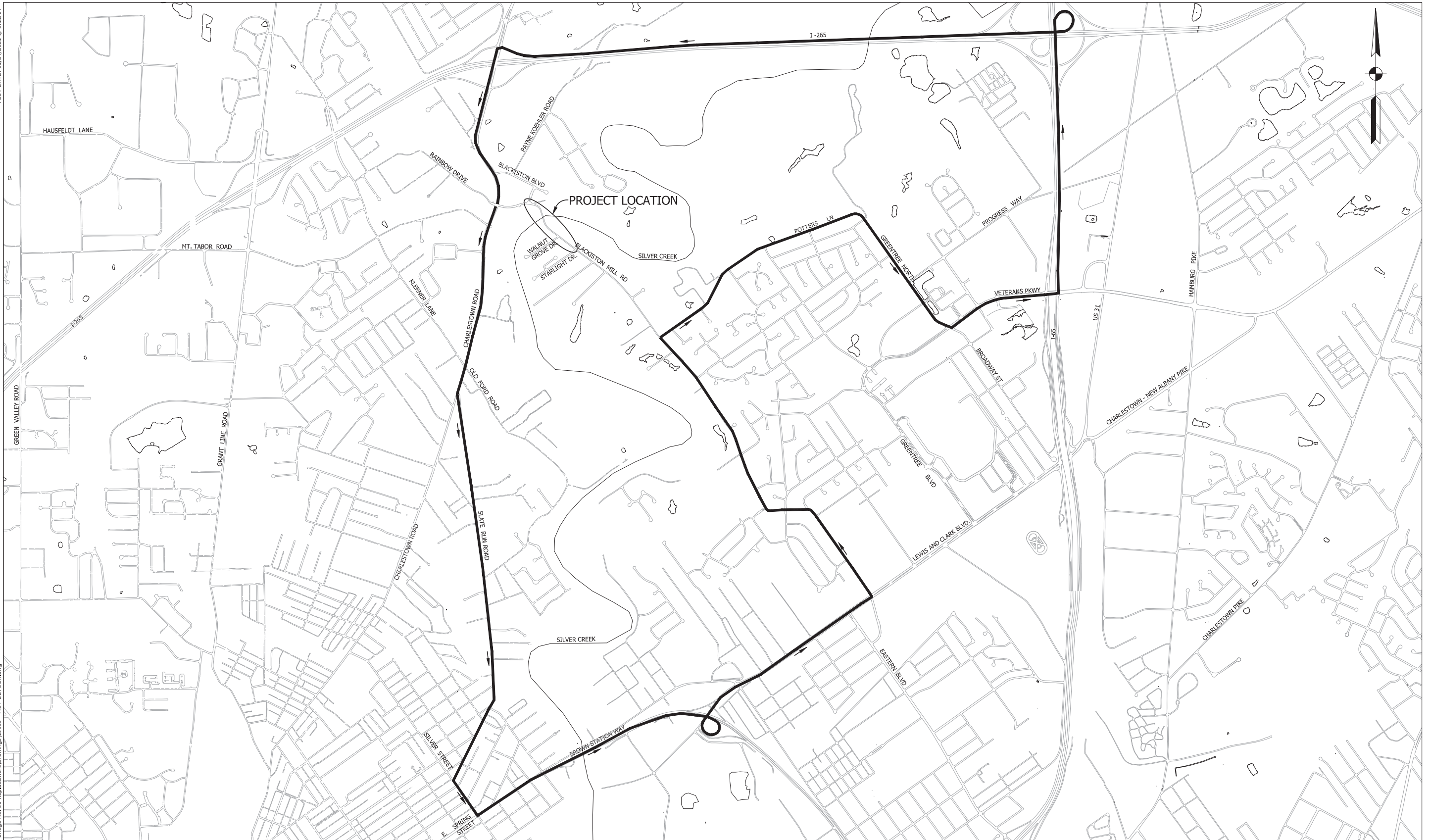
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: SWC	
CHECKED: ELP	CHECKED: TLS	

INDIANA DEPARTMENT OF TRANSPORTATION	
PLAT NO. 1	

SCALE	BRIDGE FILE
1"=50'	22-00051
	DESIGNATION
	1700788
	SHEETS
	8 of 23
CONTRACT	PROJECT
B-40311	1700788

PLOT DATE: 11/24/2021 @ 8:11AM

S:\projects\19039 - Floyd Co. Bridge No. 51 Replacement\Drawings\19039 - MOT DETOUR.dwg



**Jacobi, Toombs & Lanz, Inc.**  
 Consulting Engineers & Land Surveyors

1829 East Spring Street - New Albany, Indiana 47150

812-945-9585 - WWW.JTLENG.COM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JW	DRAWN: JW	
CHECKED: TLS	CHECKED: TLS	

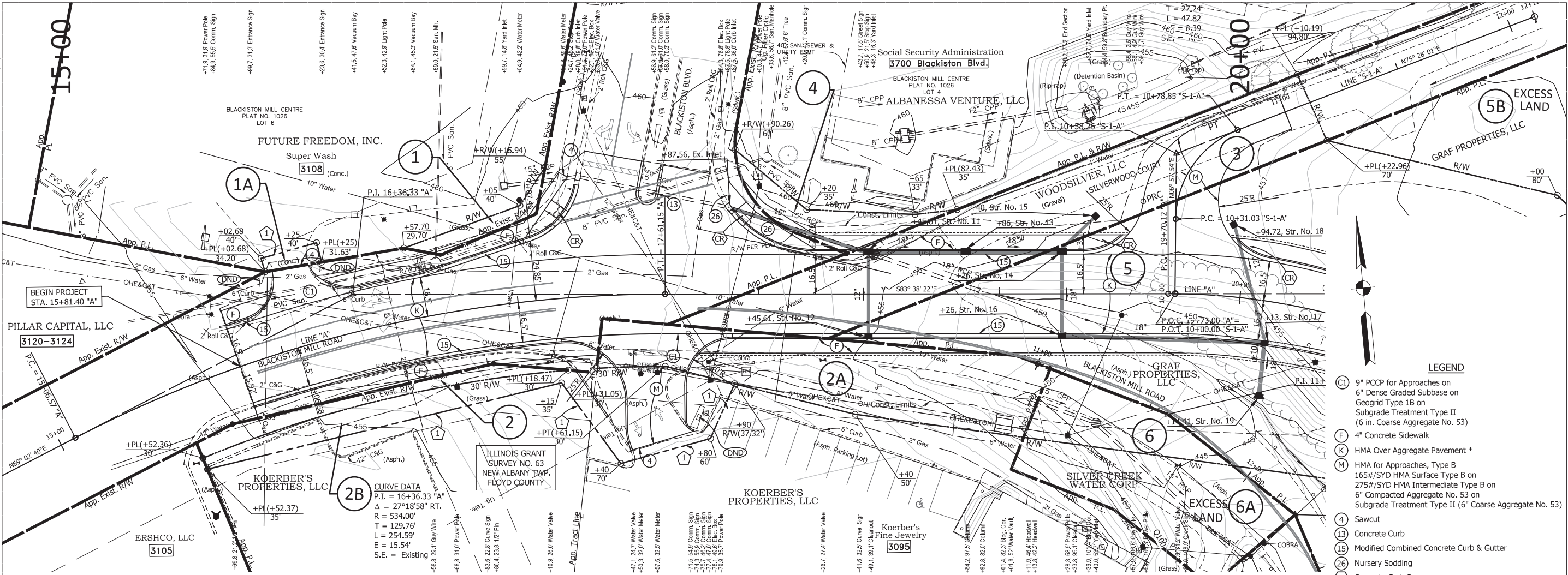
INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
 DETAILS

SCALE: 1"=1,000'	BRIDGE FILE 22-00051
	DESIGNATION 1700788
	SHEETS 7 of -
CONTRACT B-40311	PROJECT 1700788



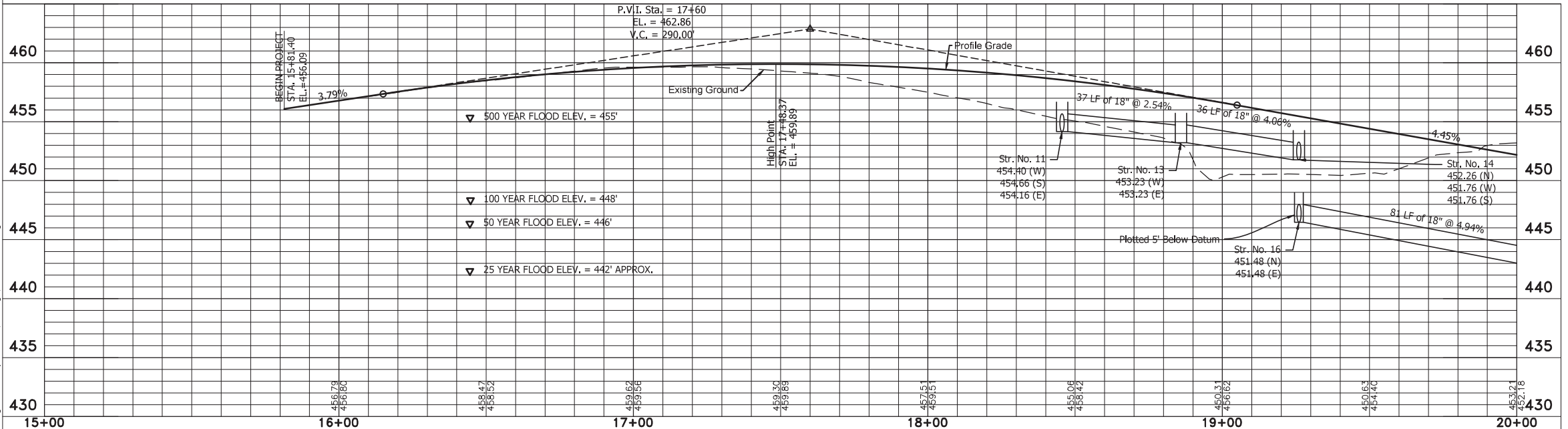
PLOT DATE: 11/24/2021 @ 8:13AM



**CURVE DATA**  
 P.I. = 16+36.33 "A"  
 $\Delta = 27^\circ 18' 58''$  RT.  
 R = 534.00'  
 T = 129.76'  
 L = 254.59'  
 E = 15.54'  
 S.E. = Existing

- LEGEND**
- (C1) 9" PCCP for Approaches on 6" Dense Graded Subbase on Geogrid Type 1B on Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)
  - (F) 4" Concrete Sidewalk
  - (K) HMA Over Aggregate Pavement \*
  - (M) HMA for Approaches, Type B 165#/SYD HMA Surface Type B on 275#/SYD HMA Intermediate Type B on 6" Compacted Aggregate No. 53 on Subgrade Treatment Type II (6" Coarse Aggregate No. 53)
  - (4) Sawcut
  - (13) Concrete Curb
  - (15) Modified Combined Concrete Curb & Gutter
  - (26) Nursery Sodding
  - (CR) Concrete Curb Ramp
  - (1) Temporary Right-of-Way for Drive Const. and Lawn Grading
  - [Address Box] Address (Number Inside Rectangle Indicates Street No.)
  - (DND) Do Not Disturb
  - \* See Typical Cross Sections

**NOTES:**  
 1. All Existing and Proposed R/W Described from LINE "A".



S:\projects\19039 - Floyd Co. Bridge No. 51 Replacement\Drawings\19039 - PLR.dwg

**Jacobi, Toombs & Lanz, Inc.**  
 Consulting Engineers & Land Surveyors  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

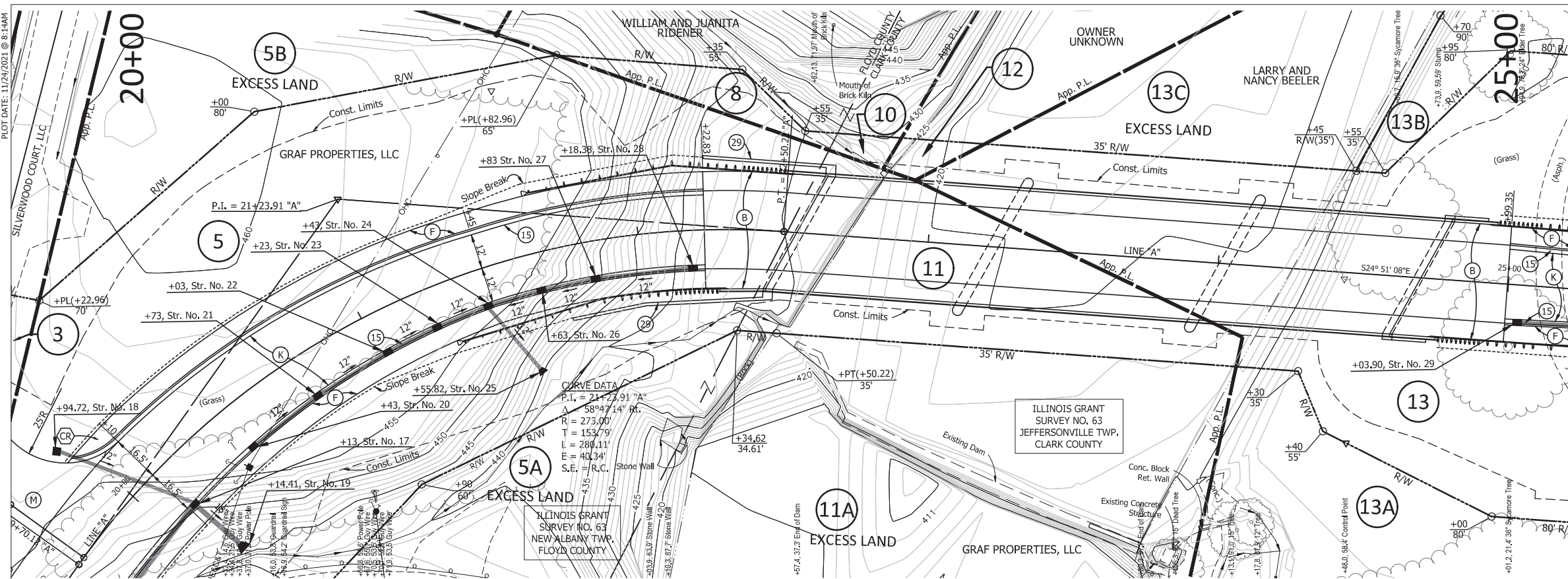
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: JW	
CHECKED: ELP	CHECKED: TLS	

INDIANA DEPARTMENT OF TRANSPORTATION  
**PLAN & PROFILE LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	22-00051
VERTICAL SCALE	DESIGNATION
1"=5'	1700788
	SHEETS
	11 of 23
CONTRACT	PROJECT
B-40311	1700788

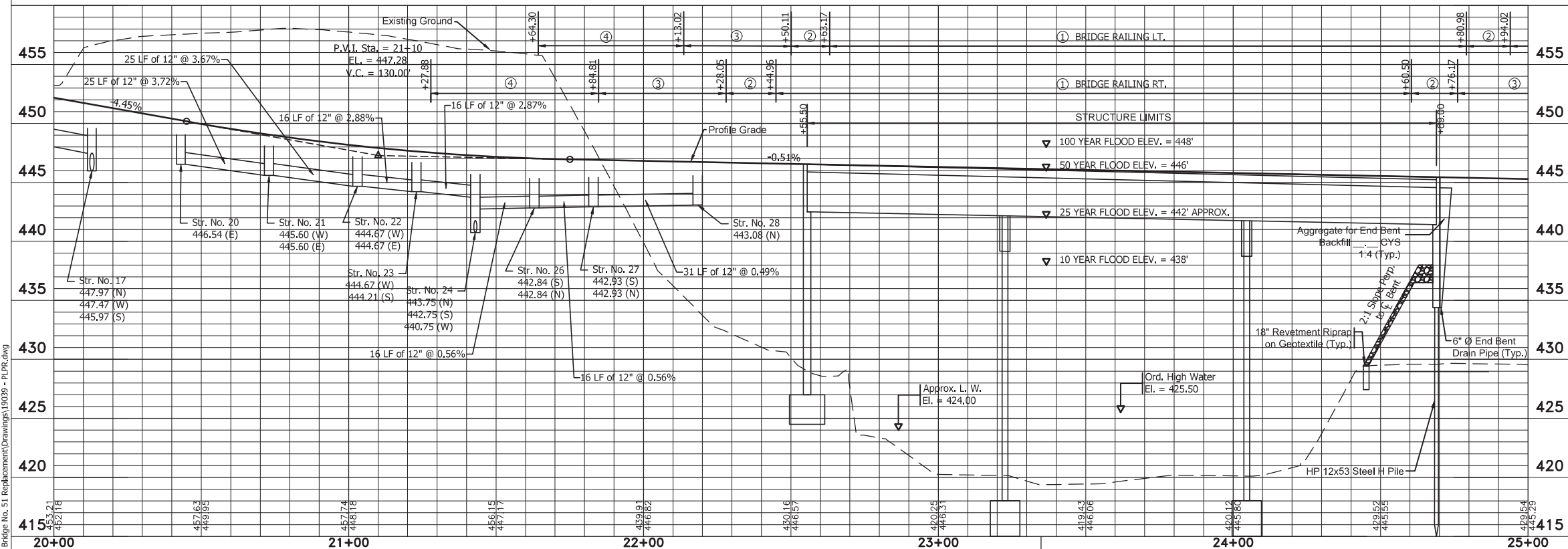


PLOT DATE: 11/24/2021 @ 8:14AM



- LEGEND**
- (B) 12" Reinforced Concrete Bridge Approach
  - (F) 4" Concrete Sidewalk
  - (K) HMA Over Aggregate Pavement \*
  - (M) HMA for Approaches, Type B
  - (15) 165#/SYD HMA Surface Type B on 275#/SYD HMA Intermediate Type B on 6" Compacted Aggregate No. 53 on Subgrade Treatment Type II (6" Coarse Aggregate No. 53)
  - (15) Modified Combined Concrete Curb & Gutter
  - (29) Retaining Wall
  - (CR) Concrete Curb Ramp
  - [ ] Address (Number Inside Rectangle Indicates Street No.)
  - (DND) Do Not Disturb
  - \* See Typical Cross Sections

- NOTES:**
- All Existing and Proposed R/W Described from LINE "A".
- Notes:**
- Concrete Bridge Railing Type PS-1
  - Concrete Bridge Railing Transition Type TPS-1
  - MGS Guardrail Transition
  - Guardrail End Treatment Type OS



S:\projects\19039 - Floyd Co. Bridge No. 51 Replacement\Drawings\19039 - PLR.dwg

**Jacobi, Toombs & Lanz, Inc.**  
*Consulting Engineers & Land Surveyors*  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: JW	
CHECKED: ELP	CHECKED: TLS	

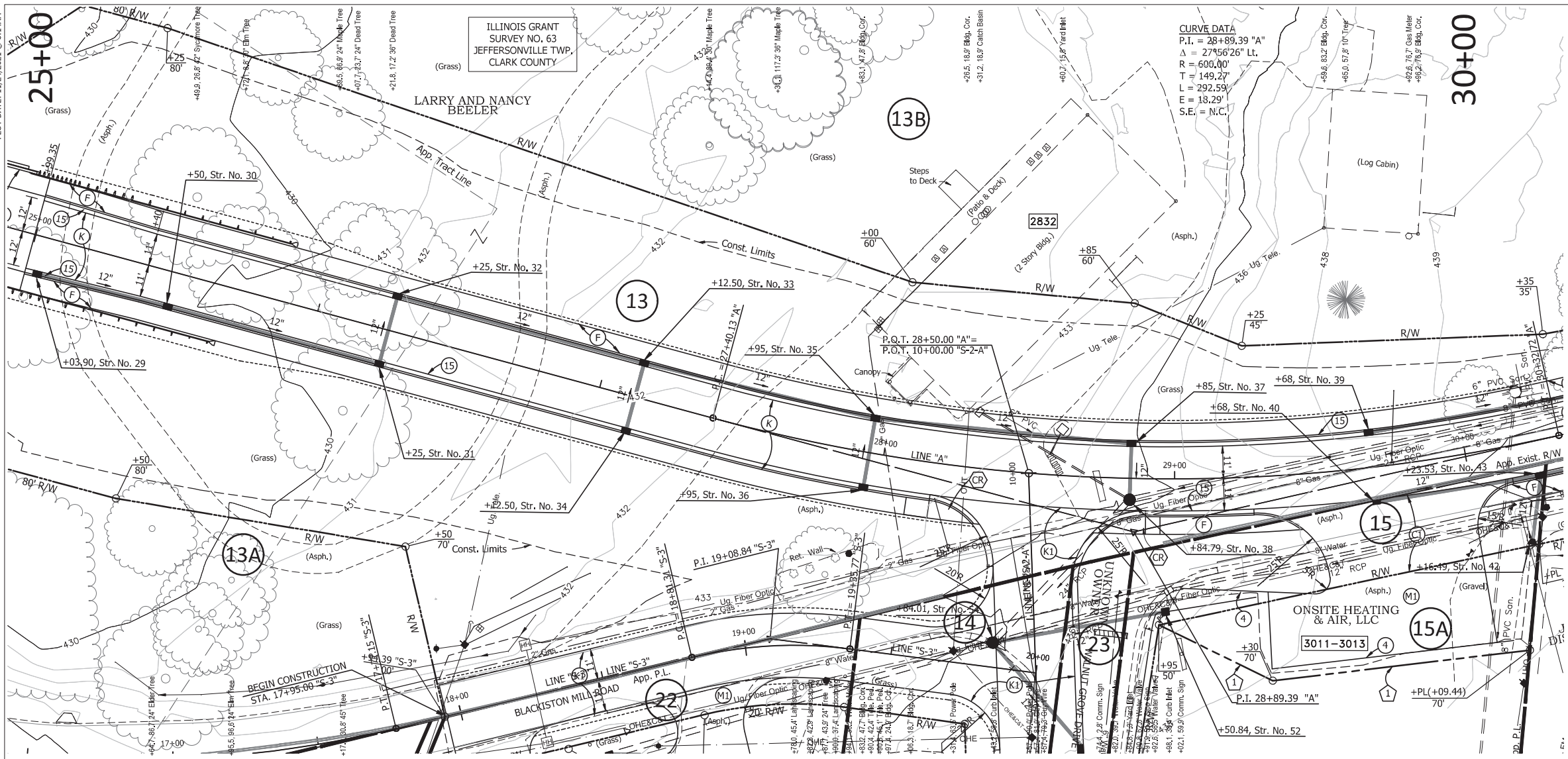
INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE  
LINE "A"**

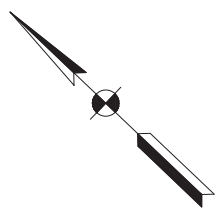
HORIZONTAL SCALE	BRIDGE FILE
1"=20'	22-00051
VERTICAL SCALE	DESIGNATION
1"=5'	1700788
	SHEETS
	12 of 23
CONTRACT	PROJECT
B-40311	1700788



PLOT DATE: 11/24/2021 @ 8:14AM



**CURVE DATA**  
 P.I. = 28+89.39 "A"  
 $\Delta = 27^{\circ}56'26''$  Lt.  
 R = 600.00'  
 T = 149.27'  
 L = 292.59'  
 E = 18.29'  
 S.E. = N.C.

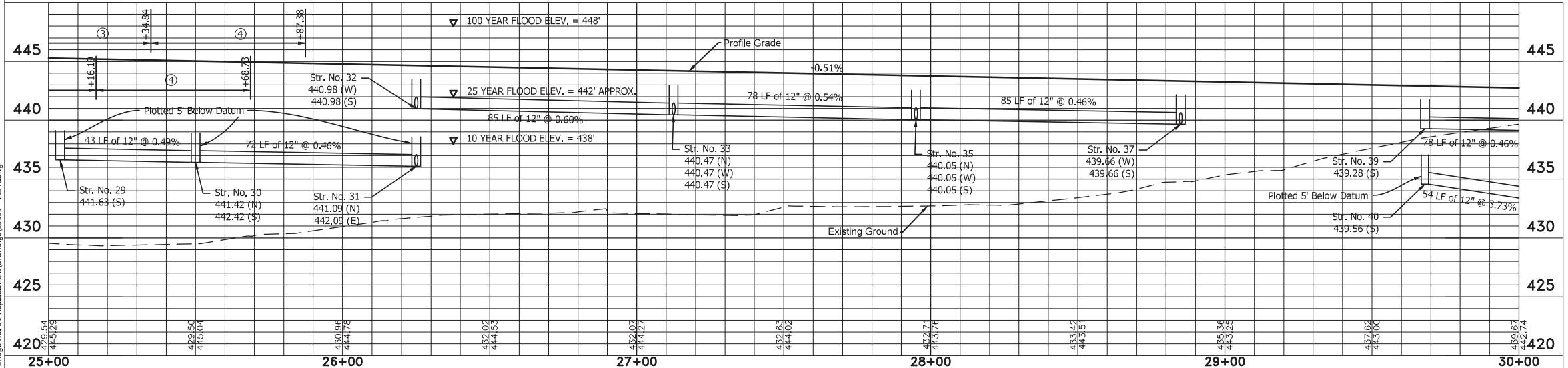


**LEGEND**

- (C1) 9" PCCP for Approaches, on 6" Dense Graded Subbase, on Geogrid Type 1B on Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)
- (F) 4" Concrete Sidewalk
- (K) HMA Over Aggregate Pavement \*
- (K1) HMA Over Aggregate Pavement \*
- (M1) HMA for Approaches, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660#/syd HMA Base Type B on Subgrade Treatment Type II (6" Coarse Aggregate No. 53) on Geogrid Type 1B
- (4) Sawcut
- (15) Modified Combined Concrete Curb & Gutter
- (26) Nursery Sodding
- (CR) Concrete Curb Ramp
- (1) Temporary R/W for Drive Const. & Lawn Grading
- [Address Box] Address (Number Inside Rectangle Indicates Street No.)
- (DND) Do Not Disturb
- \* See Typical Cross Sections

**NOTES:**  
 1. All Existing and Proposed R/W Described from LINE "A" Except as Shown.

- Notes:**
- (1) Concrete Bridge Railing Type PS-1
  - (2) Concrete Bridge Railing Transition Type TPS-1
  - (3) MGS Guardrail Transition
  - (4) Guardrail End Treatment Type OS



S:\projects\19039 - Floyd Co. Bridge No. 51 Replacement\Drawings\19039 - P\PC.dwg

**Jacobi, Toombs & Lanz, Inc.**  
 Consulting Engineers & Land Surveyors  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

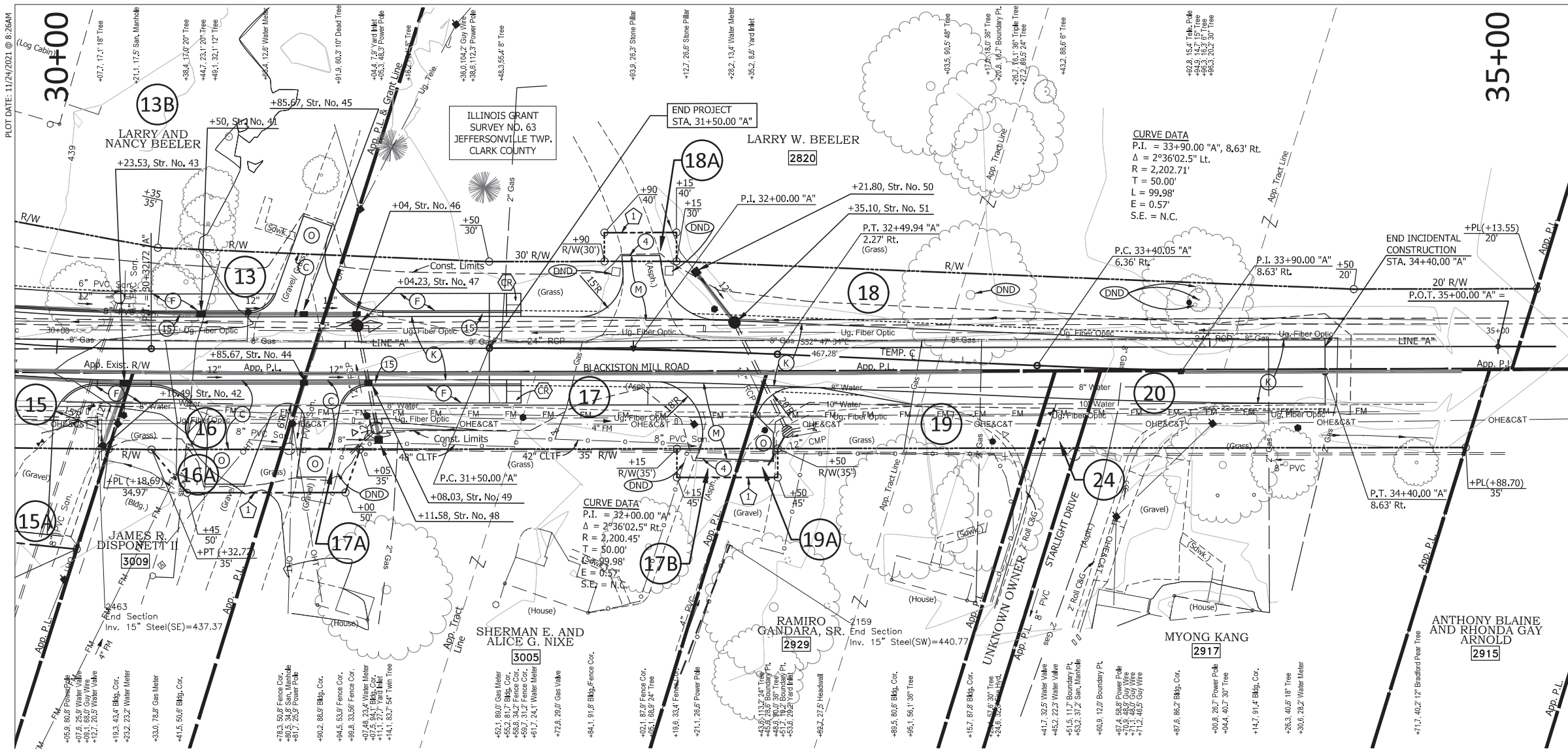
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: JW	
CHECKED: ELP	CHECKED: TLS	

INDIANA  
 DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE  
 LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	22-00051
VERTICAL SCALE	DESIGNATION
1"=5'	1700788
	SHEETS
	13 of 23
CONTRACT	PROJECT
B-40311	1700788

PLOT DATE: 11/24/2021 @ 8:26AM  
(Log Cabin)



- LEGEND**
- (C) 6" PCCP for Approaches on 6" Dense Graded Subbase on Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)
  - (F) 4" Concrete Sidewalk
  - (K) HMA Over Aggregate Pavement \*
  - (M) HMA for Approaches, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Aggregate No. 53 on Subgrade Treatment Type II (6" Coarse Aggregate No. 53)
  - (O) 6" Compacted Aggregate, No. 53 Base
  - (4) Sawcut
  - (13) Concrete Curb
  - (15) Modified Combined Concrete Curb & Gutter
  - (26) Nursery Sodding
  - (CR) Concrete Curb Ramp
  - (L) Temporary R/W for Drive Const. and Lawn Grading
  - [Address Box] Address (Number Inside Rectangle Indicates Street No.)
  - (DND) Do Not Disturb
  - \* See Typical Cross Sections

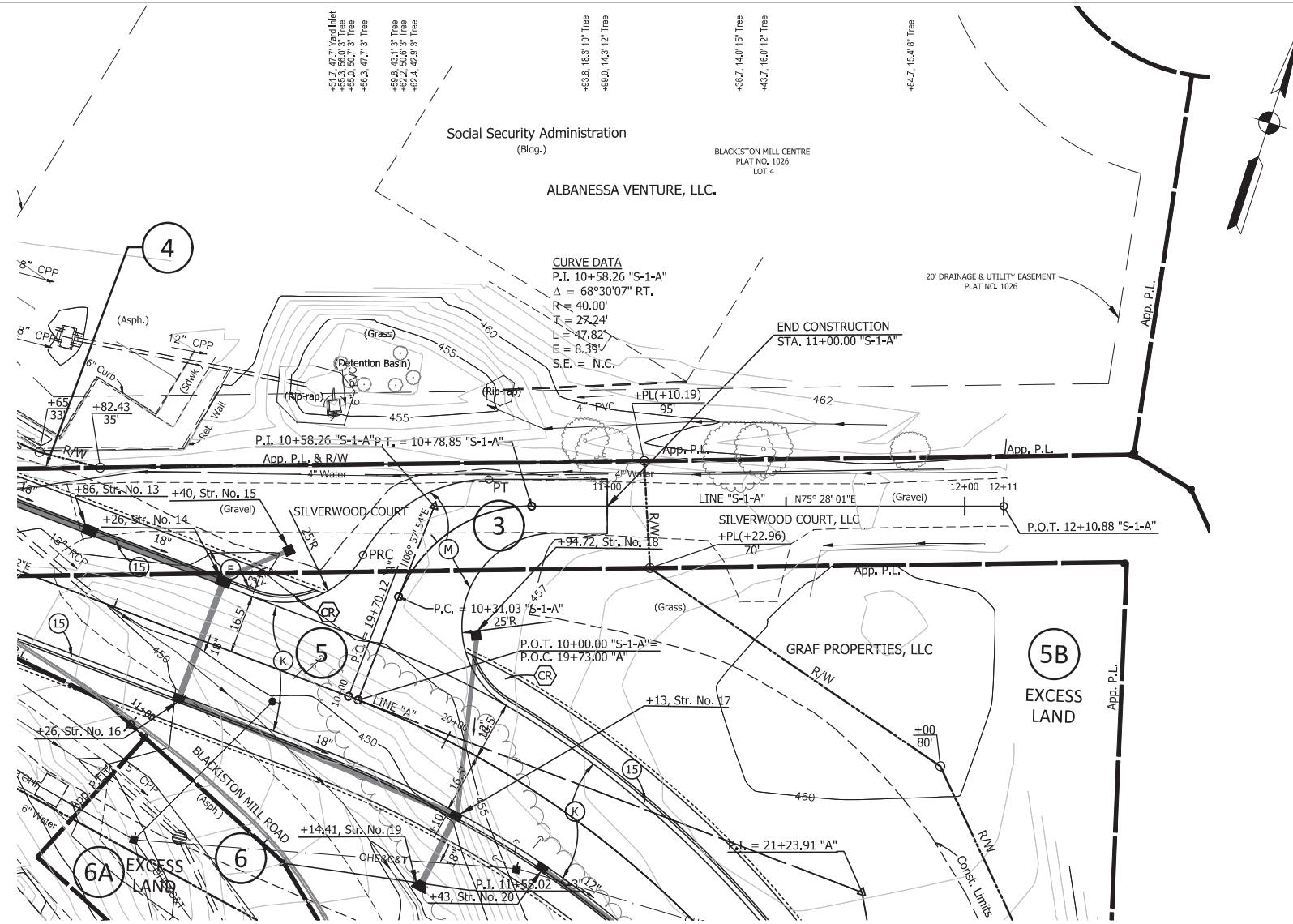
**NOTES:**  
1. All Existing and Proposed R/W Described from LINE "A".



30+00	31+00	32+00	33+00	34+00	35+00
425.67	427.41	429.17	430.93	432.69	434.45
426.74	428.48	430.24	432.00	433.76	435.52
427.81	429.55	431.31	433.07	434.83	436.59
428.88	430.62	432.38	434.14	435.90	437.66
429.95	431.69	433.45	435.21	436.97	438.73
431.02	432.76	434.52	436.28	438.04	439.80
432.09	433.83	435.59	437.35	439.11	440.87
433.16	434.90	436.66	438.42	440.18	441.94
434.23	435.97	437.73	439.49	441.25	443.01
435.30	437.04	438.80	440.56	442.32	444.08
436.37	438.11	439.87	441.63	443.39	445.15
437.44	439.18	440.94	442.70	444.46	446.22
438.51	440.25	442.01	443.77	445.53	447.29
439.58	441.32	443.08	444.84	446.60	448.36
440.65	442.39	444.15	445.91	447.67	449.43
441.72	443.46	445.22	446.98	448.74	450.50
442.79	444.53	446.29	448.05	449.81	451.57
443.86	445.60	447.36	449.12	450.88	452.64
444.93	446.67	448.43	450.19	451.95	453.71
446.00	447.74	449.50	451.26	453.02	454.78
447.07	448.81	450.57	452.33	454.09	455.85
448.14	449.88	451.64	453.40	455.16	456.92
449.21	450.95	452.71	454.47	456.23	457.99
450.28	452.02	453.78	455.54	457.30	459.06
451.35	453.09	454.85	456.61	458.37	460.13
452.42	454.16	455.92	457.68	459.44	461.20
453.49	455.23	456.99	458.75	460.51	462.27
454.56	456.30	458.06	459.82	461.58	463.34
455.63	457.37	459.13	460.89	462.65	464.41
456.70	458.44	460.20	461.96	463.72	465.48
457.77	459.51	461.27	463.03	464.79	466.55
458.84	460.58	462.34	464.10	465.86	467.62
459.91	461.65	463.41	465.17	466.93	468.69
460.98	462.72	464.48	466.24	468.00	469.76
462.05	463.79	465.55	467.31	469.07	470.83
463.12	464.86	466.62	468.38	470.14	471.90
464.19	465.93	467.69	469.45	471.21	472.97
465.26	467.00	468.76	470.52	472.28	474.04
466.33	468.07	469.83	471.59	473.35	475.11
467.40	469.14	470.90	472.66	474.42	476.18
468.47	470.21	471.97	473.73	475.49	477.25
469.54	471.28	473.04	474.80	476.56	478.32
470.61	472.35	474.11	475.87	477.63	479.39
471.68	473.42	475.18	476.94	478.70	480.46
472.75	474.49	476.25	478.01	479.77	481.53
473.82	475.56	477.32	479.08	480.84	482.60
474.89	476.63	478.39	480.15	481.91	483.67
475.96	477.70	479.46	481.22	482.98	484.74
477.03	478.77	480.53	482.29	484.05	485.81
478.10	479.84	481.60	483.36	485.12	486.88
479.17	480.91	482.67	484.43	486.19	487.95
480.24	481.98	483.74	485.50	487.26	489.02
481.31	483.05	484.81	486.57	488.33	490.09
482.38	484.12	485.88	487.64	489.40	491.16
483.45	485.19	486.95	488.71	490.47	492.23
484.52	486.26	488.02	489.78	491.54	493.30
485.59	487.33	489.09	490.85	492.61	494.37
486.66	488.40	490.16	491.92	493.68	495.44
487.73	489.47	491.23	493.09	494.75	496.51
488.80	490.54	492.30	494.16	495.82	497.58
489.87	491.61	493.37	495.23	496.89	498.65
490.94	492.68	494.44	496.30	497.96	499.72
492.01	493.75	495.51	497.37	499.03	500.79
493.08	494.82	496.58	498.44	500.10	501.86
494.15	495.89	497.65	499.51	501.17	502.93
495.22	496.96	498.72	500.58	502.24	504.00
496.29	498.03	499.79	501.65	503.31	505.07
497.36	499.10	500.86	502.72	504.38	506.14
498.43	500.17	501.93	503.79	505.45	507.21
499.50	501.24	503.00	504.86	506.52	508.28
500.57	502.31	504.07	505.93	507.59	509.35
501.64	503.38	505.14	507.00	508.66	510.42
502.71	504.45	506.21	508.07	509.73	511.49
503.78	505.52	507.28	509.14	510.80	512.56
504.85	506.59	508.35	510.21	511.87	513.63
505.92	507.66	509.42	511.28	512.94	514.70
506.99	508.73	510.49	512.35	514.01	515.77
508.06	509.80	511.56	513.42	515.08	516.84
509.13	510.87	512.63	514.49	516.15	517.91
510.20	511.94	513.70	515.56	517.22	518.98
511.27	513.01	514.77	516.63	518.29	520.05
512.34	514.08	515.84	517.70	519.36	521.12
513.41	515.15	516.91	518.77	520.43	522.19
514.48	516.22	517.98	519.84	521.50	523.26
515.55	517.29	519.05	520.91	522.57	524.33
516.62	518.36	520.12	521.98	523.64	525.40
517.69	519.43	521.19	523.05	524.71	526.47
518.76	520.50	522.26	524.12	525.78	527.54
519.83	521.57	523.33	525.19	526.85	528.61
520.90	522.64	524.40	526.26	527.92	529.68
521.97	523.71	525.47	527.33	529.09	530.75
523.04	524.78	526.54	528.40	530.16	531.82
524.11	525.85	527.61	529.47	531.23	532.89
525.18	526.92	528.68	530.54	532.30	533.96
526.25	527.99	529.75	531.61	533.37	535.03
527.32	529.06	530.82	532.68	534.44	536.10
528.39	530.13	531.89	533.75	535.51	537.17
529.46	531.20	532.96	534.82	536.58	538.24
530.53	532.27	534.03	535.89	537.65	539.31
531.60	533.34	535.10	536.96	538.72	540.38
532.67	534.41	536.17	538.03	539.79	541.45
533.74	535.48	537.24	539.10	540.86	542.52
534.81	536.55	538.31	540.17	541.93	543.59
535.88	537.62	539.38	541.24	543.00	544.66
536.95	538.69	540.45	542.31	544.07	545.73
538.02	539.76	541.52	543.38	545.14	546.80
539.09	540.83	542.59	544.45	546.21	547.87
540.16	541.90	543.66	545.52	547.28	548.94
541.23	542.97	544.73	546.59	548.35	550.01
542.30	544.04	545.80	547.66	549.42	551.08
543.37	545.11	546.87	548.73	550.49	552.15
544.44	546.18	547.94	549.80	551.56	553.22
545.51	547.25	549.01	550.87	552.63	554.29
546.58	548.32	550.08	551.94	553.70	555.36
547.65	549.39	551.15	553.01	554.77	556.43
548.72	550.46	552.22	554.08	555.84	557.50
549.79	551.53	553.29	555.15	556.91	558.57
550.86	552.60	554.36	556.22	557.98	559.64
551.93	553.67	555.43	557.29	559.05	560.71
553.00	554.74	556.50	558.36	560.12	561.78
554.07	555.81	557.57	559.43	561.19	562.85
555.14	556.88	558.64	560.50	562.26	563.92
556.21	557.95	559.71	561.57	563.33	564.99
557.28	559.02	560.78	562.64	564.40	566.06
558.35	560.09	561.85	563.71	565.47	567.13
559.42	561.16	562.92	564.78	566.54	568.20
560.49	562.23	563.99	565.85	567.61	569.27
561.56	563.30	565.06	566.92	568.68	570.34
562.63	564.37	566.13	568.09	569.75	571.41
563.70	565.44	567.20	569.16	570.82	572.48
564.77	566.51	568.27	570.23	571.89	573.55
565.84	567.58	569.34	571.30	572.96	574.62
566.91	568.65	570.41	572.37	574.03	575.69
567.98	569.72	571.48	573.44	575.10	576.76
569.05	570.79	572.55	574.51	576.17	577.83
570.12	571.86	573.62	575.58	577.24	578.90
571.19	572.93	574.69	576.65	578.31	580.07
572.26	574.00	575.76	577.72	579.38	581.14
573.33	575.07	576.83	578.79	580.45	582.21
574.40	576.14	577.90	579.86	581.52	583.28
575.47	577.21	578.97	580.93	582.59	584.35
576.54	578.28	580.04	582.00	583.66	585.42
577.61	579.35	581.11	583.07	584.73	586.49
578.68	580.42	582.18	584.14		

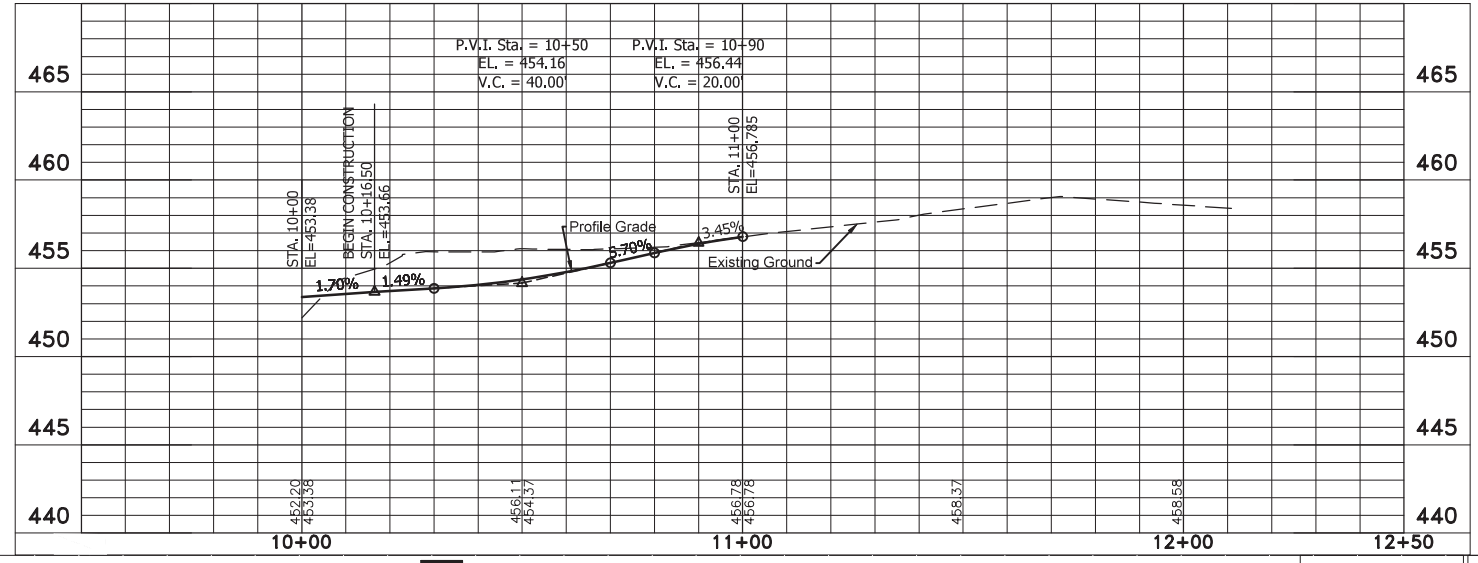


PLOT DATE: 11/24/2021 @ 8:27AM



- LEGEND**
- (F) 4" Concrete Sidewalk
  - (K) HMA Over Aggregate Pavement \*
  - (M) HMA for Approaches  
 165#/SYD HMA Surface Type M on  
 275#/SYD HMA Intermediate Type M on  
 6" Compacted Aggregate No. 53 on  
 Subgrade Treatment Type II (6" Coarse Aggregate No. 53)
  - (15) Modified Combined Concrete Curb & Gutter
  - (CR) Concrete Curb Ramp
  - [ ] Address (Number Inside Rectangle Indicates Street No.)
  - (DND) Do Not Disturb
  - \* See Typical Cross Sections

**NOTES:**  
 1. All Existing and Proposed R/W Described from LINE "A".



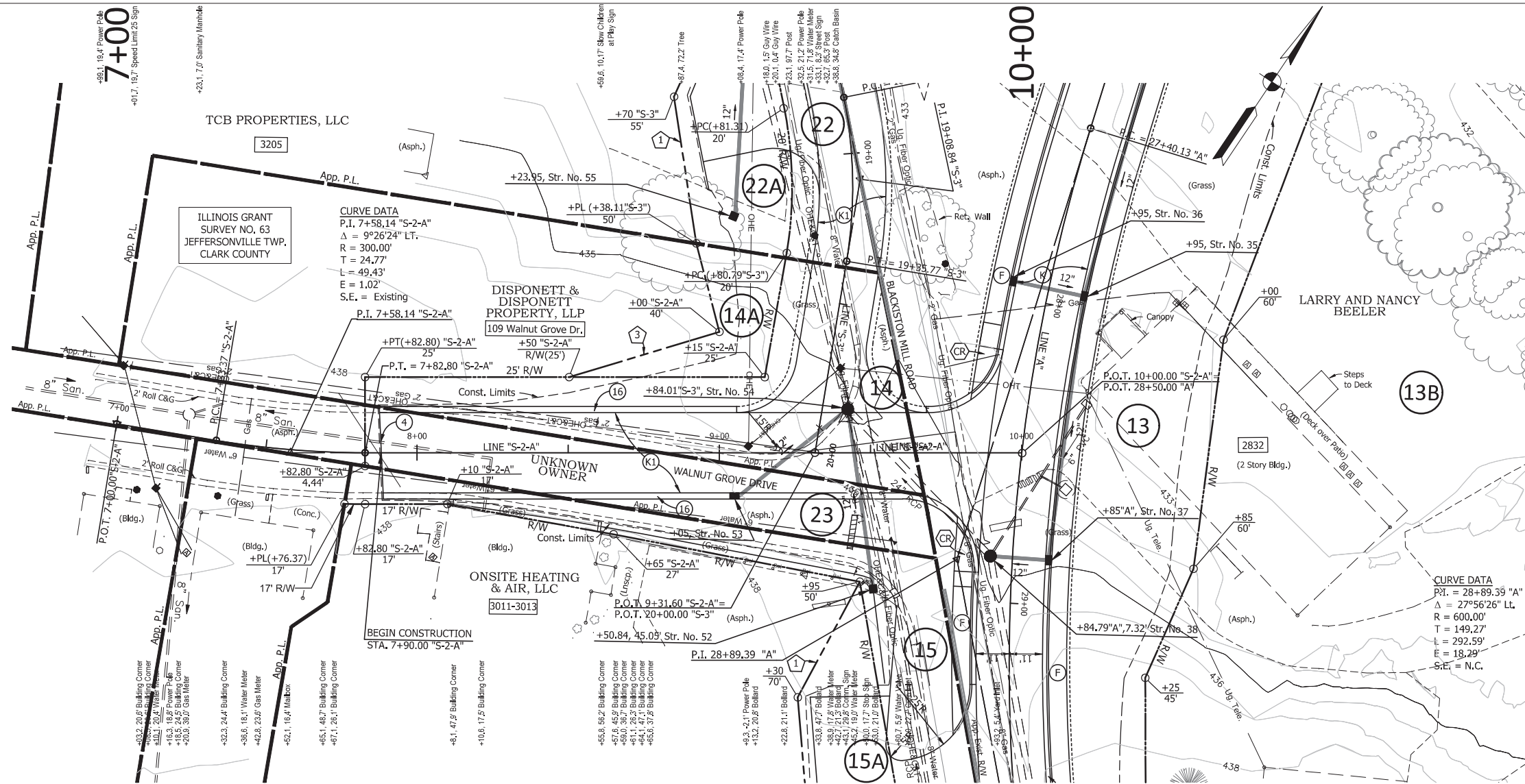
**Jacobi, Toombs & Lanz, Inc.**  
 Consulting Engineers & Land Surveyors  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: JW	
CHECKED: ELP	CHECKED: TLS	

INDIANA  
 DEPARTMENT OF TRANSPORTATION

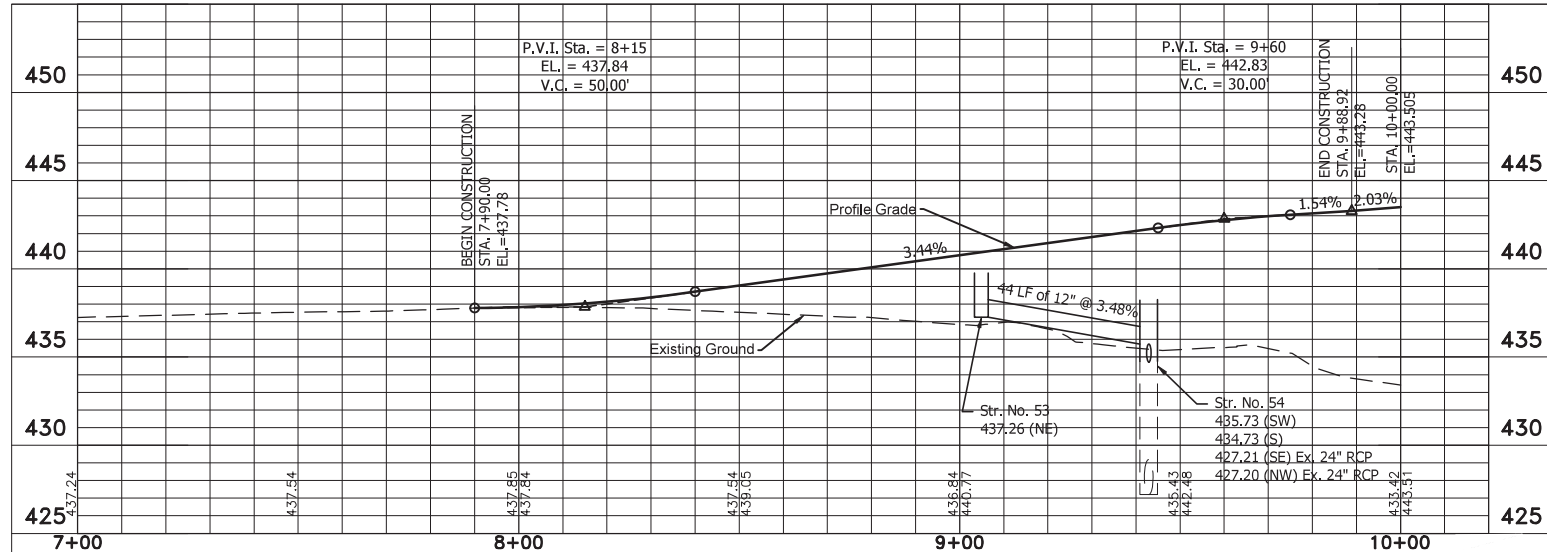
**PLAN & PROFILE**  
 LINE "S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	22-00051
VERTICAL SCALE	DESIGNATION
1"=5'	1700788
	SHEETS
	15 of 23
CONTRACT	PROJECT
B-40311	1700788



- LEGEND**
- (F) 4" Concrete Sidewalk
  - (K) HMA Over Aggregate Pavement \*
  - (K1) HMA Over Aggregate Pavement \*
  - (4) Sawcut
  - (15) Modified Combined Concrete Curb & Gutter
  - (16) Roll Curb & Gutter
  - (CR) Concrete Curb Ramp
  - (1) Temporary R/W for Drive Const. & Lawn Grading
  - (3) Temporary R/W for Lawn Grading
  - [Address in Rectangle] Address (Number Inside Rectangle Indicates Street No.)
  - (DND) Do Not Disturb
  - \* See Typical Cross Sections

**NOTES:**  
 1. All Existing and Proposed R/W Described from LINE "A", Except as Shown.



**Jacobi, Toombs & Lanz, Inc.**  
 Consulting Engineers & Land Surveyors  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: JW	
CHECKED: ELP	CHECKED: TLS	

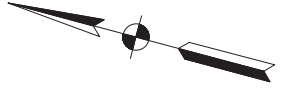
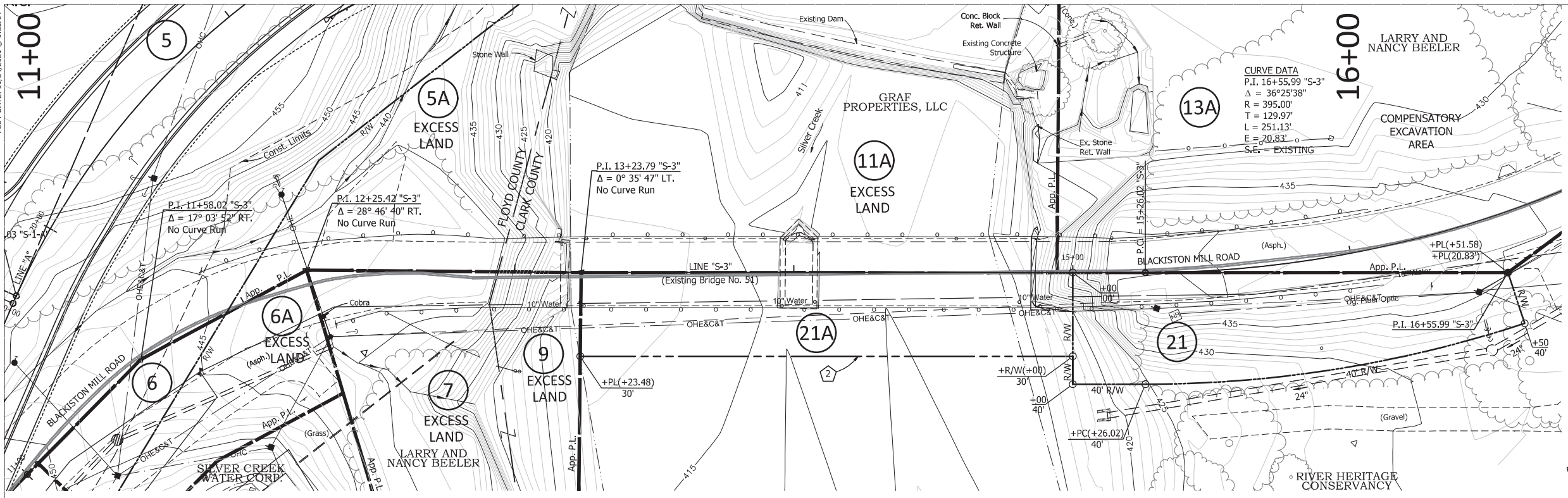
INDIANA DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE LINE "S-2-A"**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	22-00051
VERTICAL SCALE	DESIGNATION
1"=5'	1700788
	SHEETS
	16 of 23
CONTRACT	PROJECT
B-40311	1700788



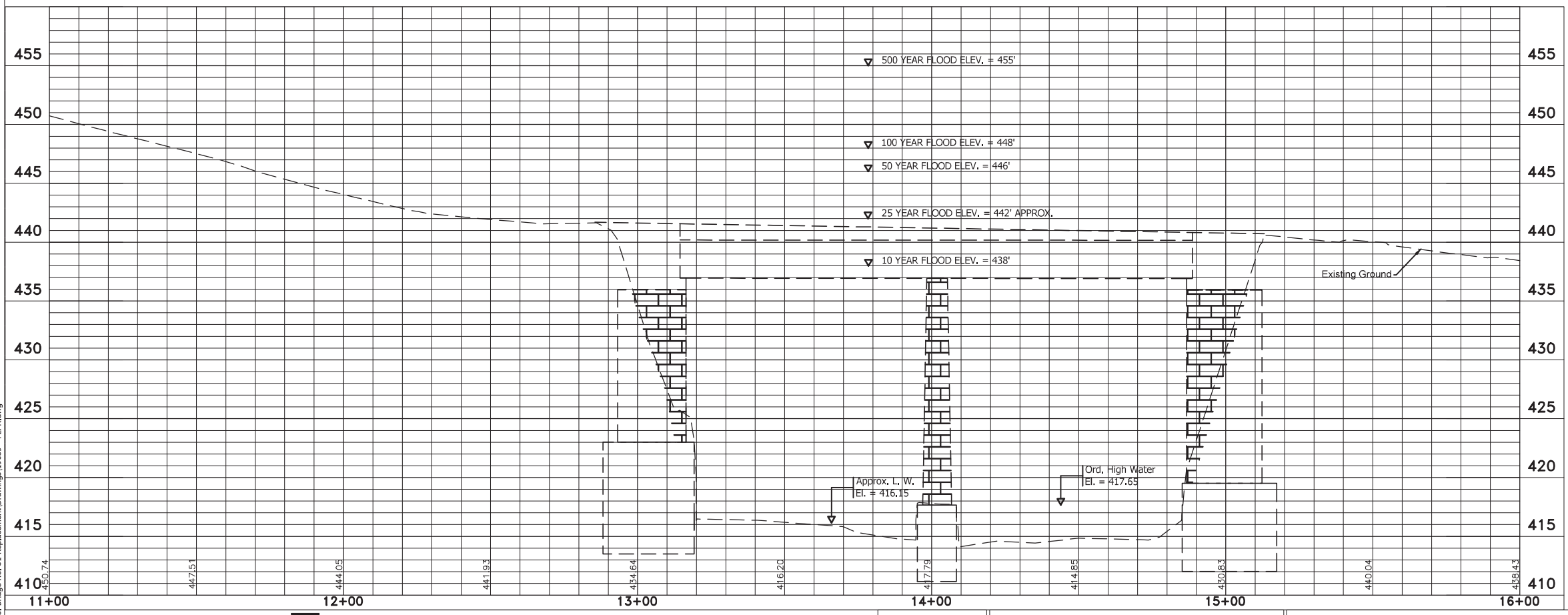
PLOT DATE: 11/24/2021 @ 8:28AM



**LEGEND**

- ② Temporary R/W for Pavement and Bridge Removal

NOTES:  
1. All Existing and Proposed R/W Described from LINE "S-3"  
Except as shown.



S:\projects\19039 - Floyd Co. Bridge No. 51 Replacement\Drawings\19039 - FUR.dwg

**Jacobi, Toombs & Lanz, Inc.**  
*Consulting Engineers & Land Surveyors*  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

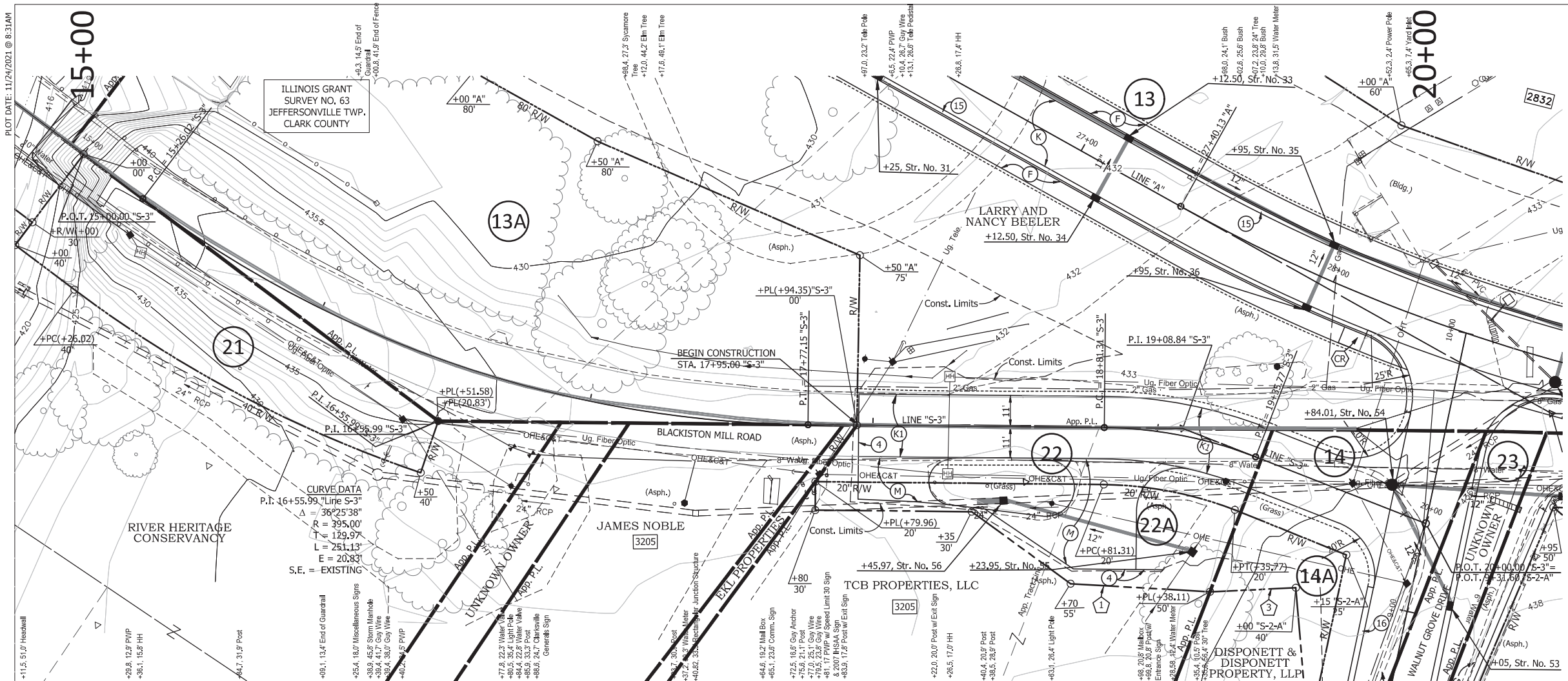
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: JW	
CHECKED: ELP	CHECKED: TLS	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE  
LINE "S-3"**

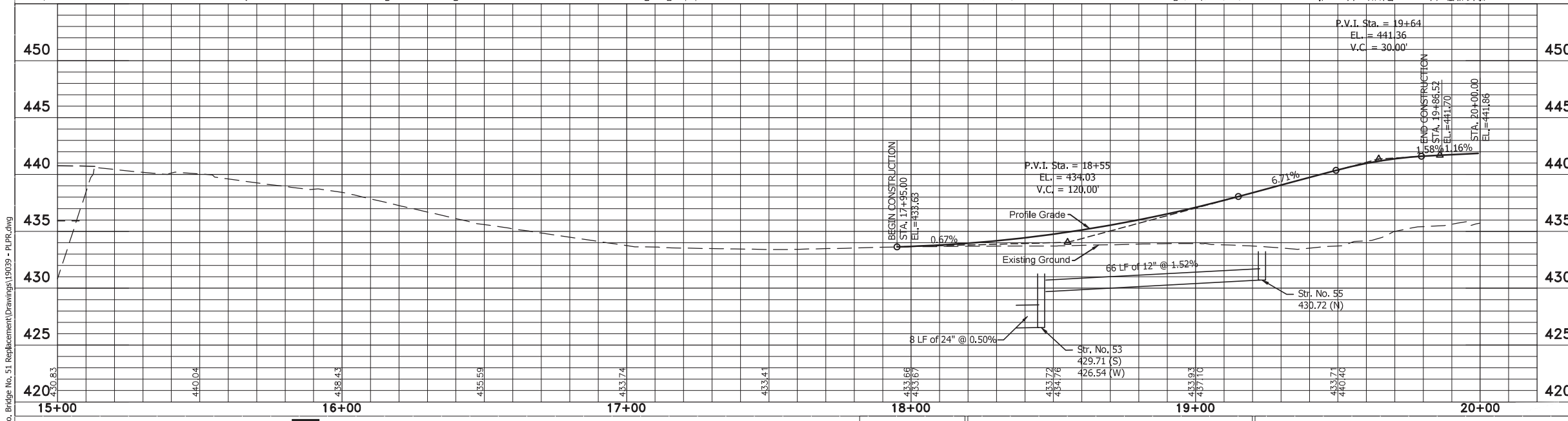
HORIZONTAL SCALE	BRIDGE FILE
1"=20'	22-00051
VERTICAL SCALE	DESIGNATION
1"=5'	1700788
	SHEETS
	17 of 23
CONTRACT	PROJECT
B-40311	1700788

PLOT DATE: 11/24/2021 @ 8:31AM



- LEGEND**
- (C) 6" PCCP for Approaches on 6" Dense Graded Subbase on Subgrade Treatment Type II (6 in. Coarse Aggregate No. 53)
  - (F) 4" Concrete Sidewalk
  - (K) HMA Over Aggregate Pavement \*
  - (M) HMA Over Aggregate Pavement \*
  - (1) HMA for Approaches, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Aggregate No. 53 on Subgrade Treatment Type II (6" Coarse Aggregate No. 53)
  - (4) Sawcut
  - (15) Concrete Curb
  - (15) Modified Combined Concrete Curb & Gutter
  - (16) Modified Combined Concrete Rolled Curb
  - (26) Nursery Sodding
  - (CR) Concrete Curb Ramp
  - (1) Temporary Right-of-Way for Drive Const. & Lawn Grading
  - (2) Temporary Right-of-Way for Pavement and Bridge Removal
  - (3) Temporary Right-of-Way for Lawn Grading
  - (3) Address (Number Inside Rectangle Indicates Street No.)
  - (DND) Do Not Disturb
  - \* See Typical Cross Sections

**NOTES:**  
 1. All Existing and Proposed R/W Described from LINE "S-3" Except as Shown.



**Jacobi, Toombs & Lanz, Inc.**  
 Consulting Engineers & Land Surveyors  
 1829 East Spring Street - New Albany, Indiana 47150  
 812-945-9585 - WWW.JTLENG.COM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: TLS	DRAWN: JW	
CHECKED: ELP	CHECKED: TLS	

INDIANA DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE LINE "S-3"**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	22-00051
VERTICAL SCALE	DESIGNATION
1"=5'	1700788
	SHEETS
	18 of 23
CONTRACT	PROJECT
B-40311	1700788



PLOT DATE: 3/23/2022 @ 11:24AM

PROJECT	DESIGNATION
1700788	1700788
CONTRACT	
B-40311	

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
22-00051	PRESTRESSED CONCRETE I-BEAM	3 SPANS: 66'-9", 80'-0" & 66'-9" SKEW: 25° Rt.	SILVER CREEK	23+62.25 Line "A"

# INDIANA DEPARTMENT OF TRANSPORTATION



## BRIDGE PLANS

FOR SPANS OVER 20 FEET  
ROUTE: BLACKISTON MILL ROAD

PROJECT NO. 1700788 P.E.  
PROJECT NO. 1700788 R/W  
PROJECT NO. 1700788 CONST.

Bridge No. 51 Replacement on Blackiston Mill Road over Silver Creek  
Located 0.2 Miles East of Charlestown Road in Survey Nos. 63 & 45 of the Clark Military Grant in New Albany Township, Floyd County, and Jeffersonville Township, Clark County, Indiana

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
**FLOYD COUNTY BOARD OF COMMISSIONERS**

Shawn Carruthers, President \_\_\_\_\_

John Schellenberger, Member \_\_\_\_\_

Tim Kamer, Member \_\_\_\_\_

**EMPLOYEE IN RESPONSIBLE CHARGE**

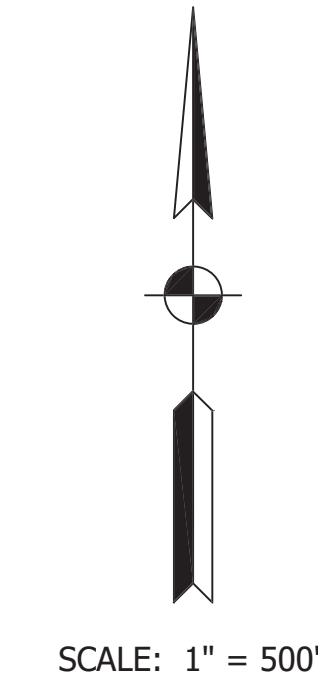
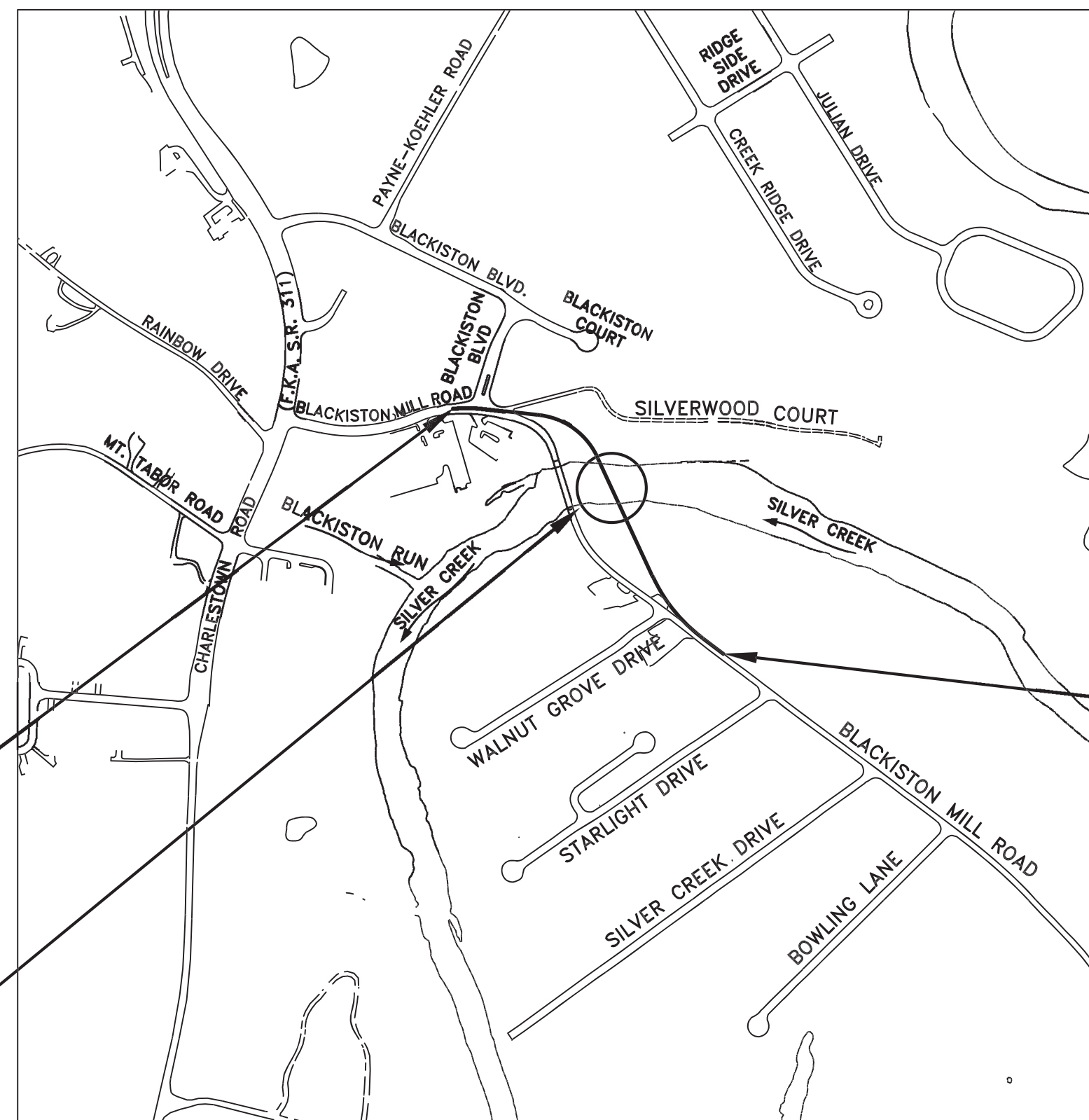
Don Lopp \_\_\_\_\_  
Director of Operations and County Planner

**FLOYD COUNTY ATTORNEY**

Richard Fox \_\_\_\_\_

**FLOYD COUNTY ENGINEER**

Horacio Urieta, P.E. \_\_\_\_\_



BEGIN PROJECT NO. 1700788  
STA. 15+81.40 "A"

END PROJECT NO. 1700788  
STA. 31+50.00 "A"

Structure 22-00051  
Over Silver Creek  
Sta. 23+62.25 Line "A"

TRAFFIC DATA	
A.A.D.T. (2016)	14,132 V.P.D.
A.A.D.T. (2042)	16,335 V.P.D.
D.H.V. (2042)	1,272 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	7 % A.A.D.T. 8.5 % D.H.V.

DESIGN DATA	
DESIGN SPEED	30 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL
RURAL/URBAN	URBAN/SUBURBAN
TERRAIN	ROLLING
ACCESS CONTROL	NONE

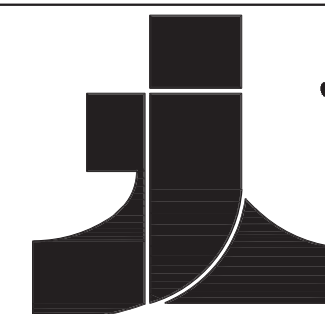


LATITUDE: 38°20'03" LONGITUDE: 85°47'39"

BRIDGE LENGTH:	0.041 MI.
ROADWAY LENGTH:	0.256 MI.
TOTAL LENGTH:	0.297 MI.
MAX. GRADE:	4.45 %

HUC: 051401010806

[INDIANA DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS DATED 2021  
TO BE USED WITH THESE PLANS]



**Jacobi, Toombs & Lanz, Inc.**  
Consulting Engineers & Land Surveyors  
1829 East Spring Street - New Albany, Indiana 47150  
812-945-9585 - WWW.JTLENG.COM

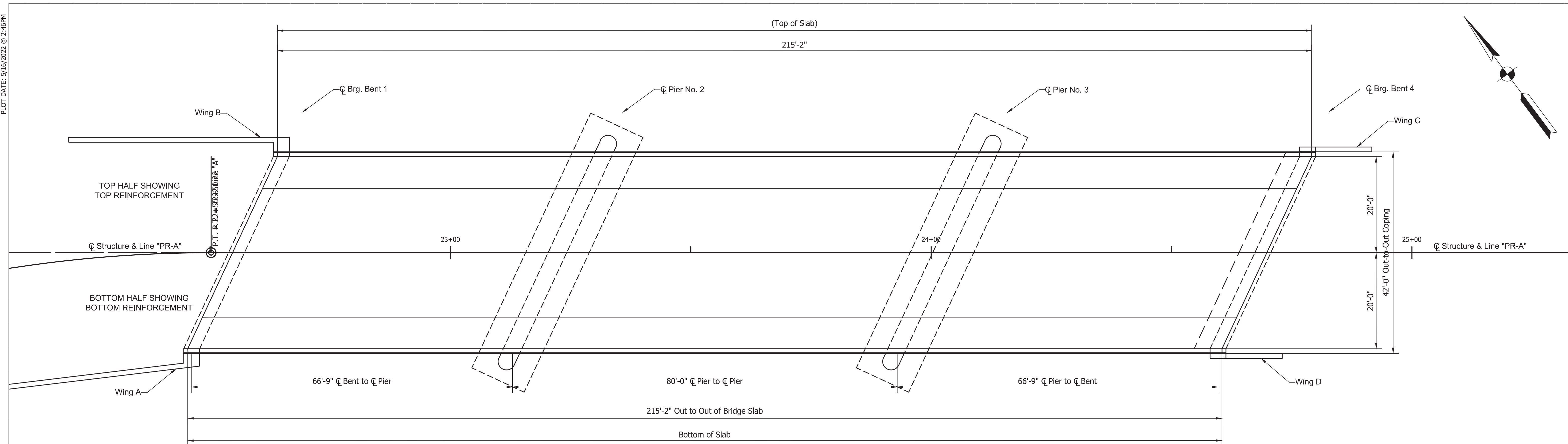
APPROVED FOR LETTING \_\_\_\_\_  
INDIANA DEPARTMENT OF TRANSPORTATION DATE

PLANS PREPARED BY: JACOBI, TOOMBS AND LANZ, INC. CONSULTING ENGINEERS 812-945-9585 PHONE NUMBER  
CERTIFIED BY: \_\_\_\_\_ PRESIDENT DATE  
CERTIFIED BY: \_\_\_\_\_ TRANSPORTATION MANAGER DATE

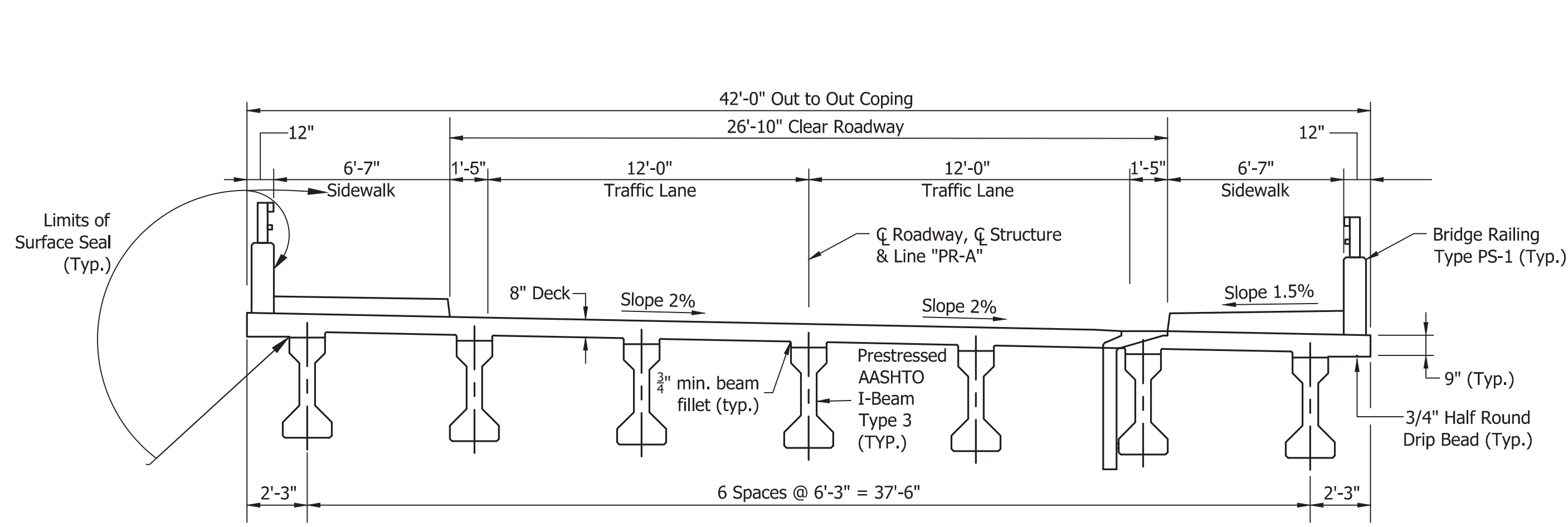
BRIDGE FILE	22-00051
DESIGNATION	1700788
SHEETS	1 of -
CONTRACT	B-40311
PROJECT	1700788

PLOT DATE: 5/16/2022 @ 2:46PM

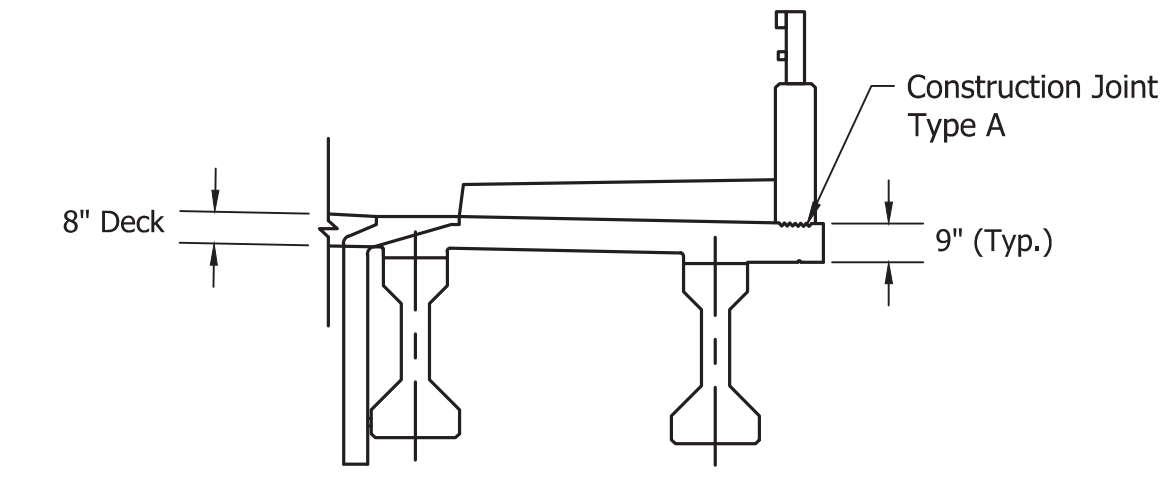
S:\projects\19039 - Floyd Co. Bridge No. 51 Replacement\Drawings\19039 - SUPERSTRUCTURE DETAILS 1.dwg



FLOOR PLAN  
SCALE: 1"=10'



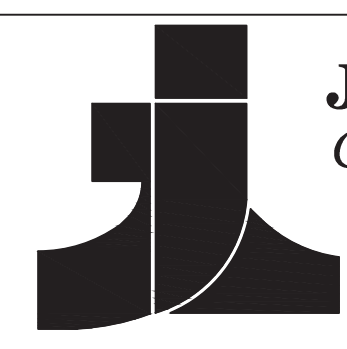
TYPICAL SECTION  
SCALE: 1/4"=1'-0"



DETAIL A  
SCALE: 1/4"=1'

NOTES

1. All reinforcing bars shall be epoxy-coated.
2. For Section A-A, see Drawing C12.
3. For reinforcing bar bending diagrams, see Drawing C12.
4. The top reinforcing in the deck shall be securely tied down to the deck forms and/or beams to prevent lifting during concrete placement.
5. Suitable restraint shall be provided to prevent the rotation of the exterior beams from construction load such as finishing machine, forms, etc.



**Jacobi, Toombs & Lanz, Inc.**  
Consulting Engineers & Land Surveyors  
1829 East Spring Street - New Albany, Indiana 47150  
812-945-9585 - WWW.JTLENG.COM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	DRAWN:	
CHECKED:	CHECKED:	

INDIANA  
DEPARTMENT OF TRANSPORTATION  
  
SUPERSTRUCTURE DETAILS

BRIDGE FILE	22-00051
DESIGNATION	1700788
SHEETS	of
CONTRACT	PROJECT
B-40311	1700788



