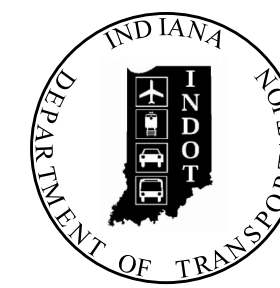


PROJECT	DESIGNATION
1600492	1600492
CONTRACT	BRIDGE FILE
B-39400	252-24-06008 D

# INDIANA DEPARTMENT OF TRANSPORTATION



STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
252-24-06008 D	REINFORCED CONCRETE SLAB	1 SPAN: 25'-9", 30°0'0" SKEW RT.	BRANCH OF BIG CEDAR CREEK	34+47.37 LINE "A"

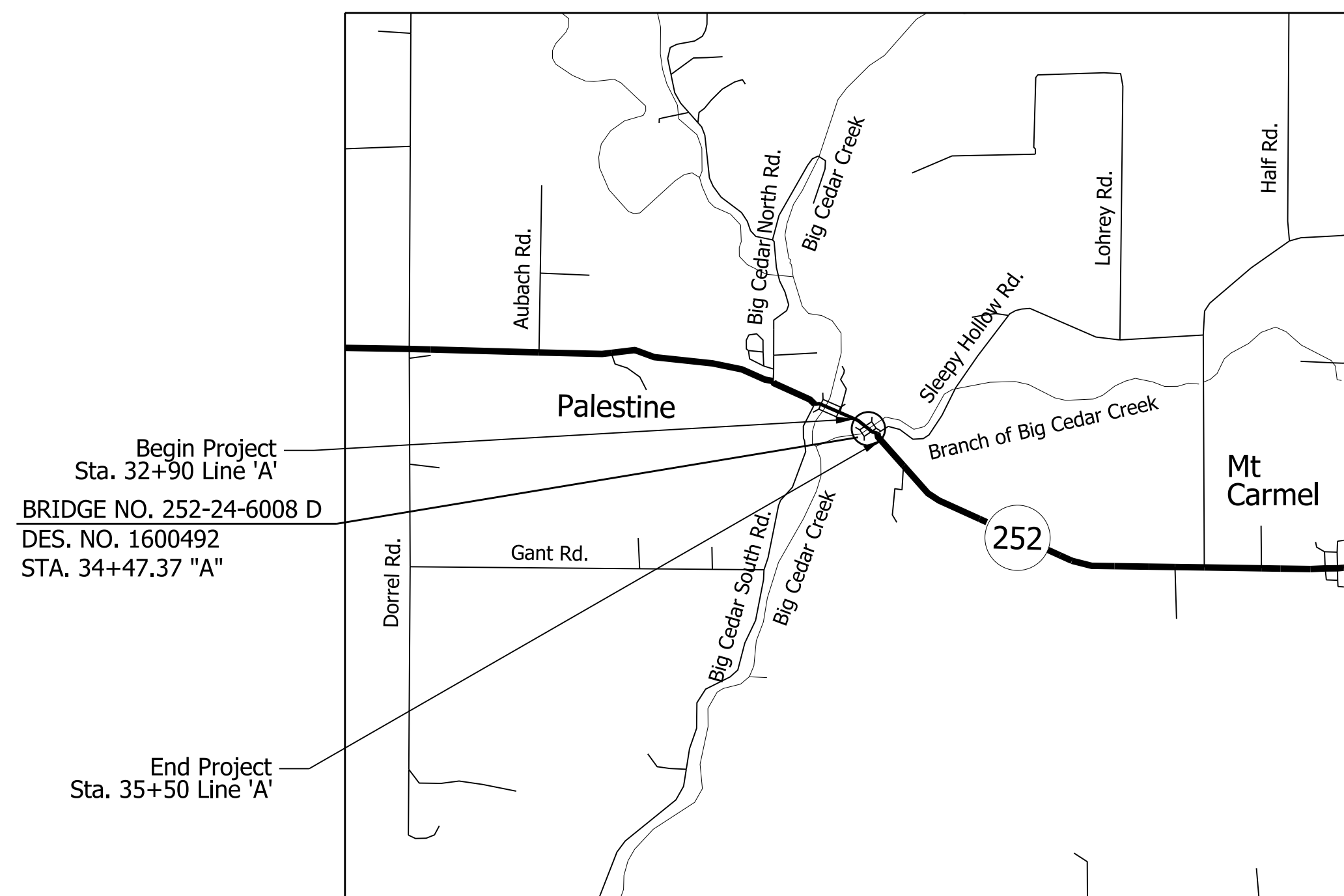
KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1593049	SR 252 OVER BIG CEDAR CREEK, DECK REPLACEMENT (LEAD)
1600492	SR 252 OVER BRANCH OF BIG CEDAR CREEK, SUPERSTRUCTURE REPLACEMENT

## BRIDGE REHABILITATION PLANS FOR SPANS OVER 20 FEET

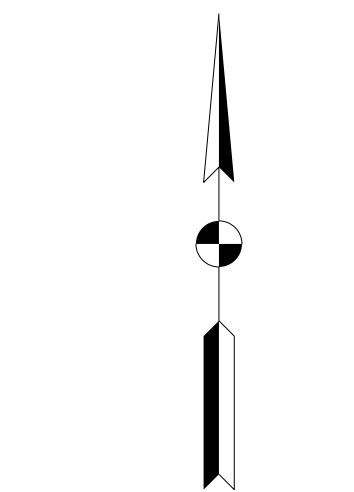
ROUTE: SR 252 AT: 06+19

PROJECT NO. 1600492 P.E.  
1600492 R/W  
1600492 CONST.

Bridge Superstructure Replacement on SR 252 over Branch of Big Cedar Creek located approximately 6.19 miles east of US 52 in Section 29, T-9-N, R-1-W, Springfield Township, Franklin County, Indiana.



LOCATION MAP



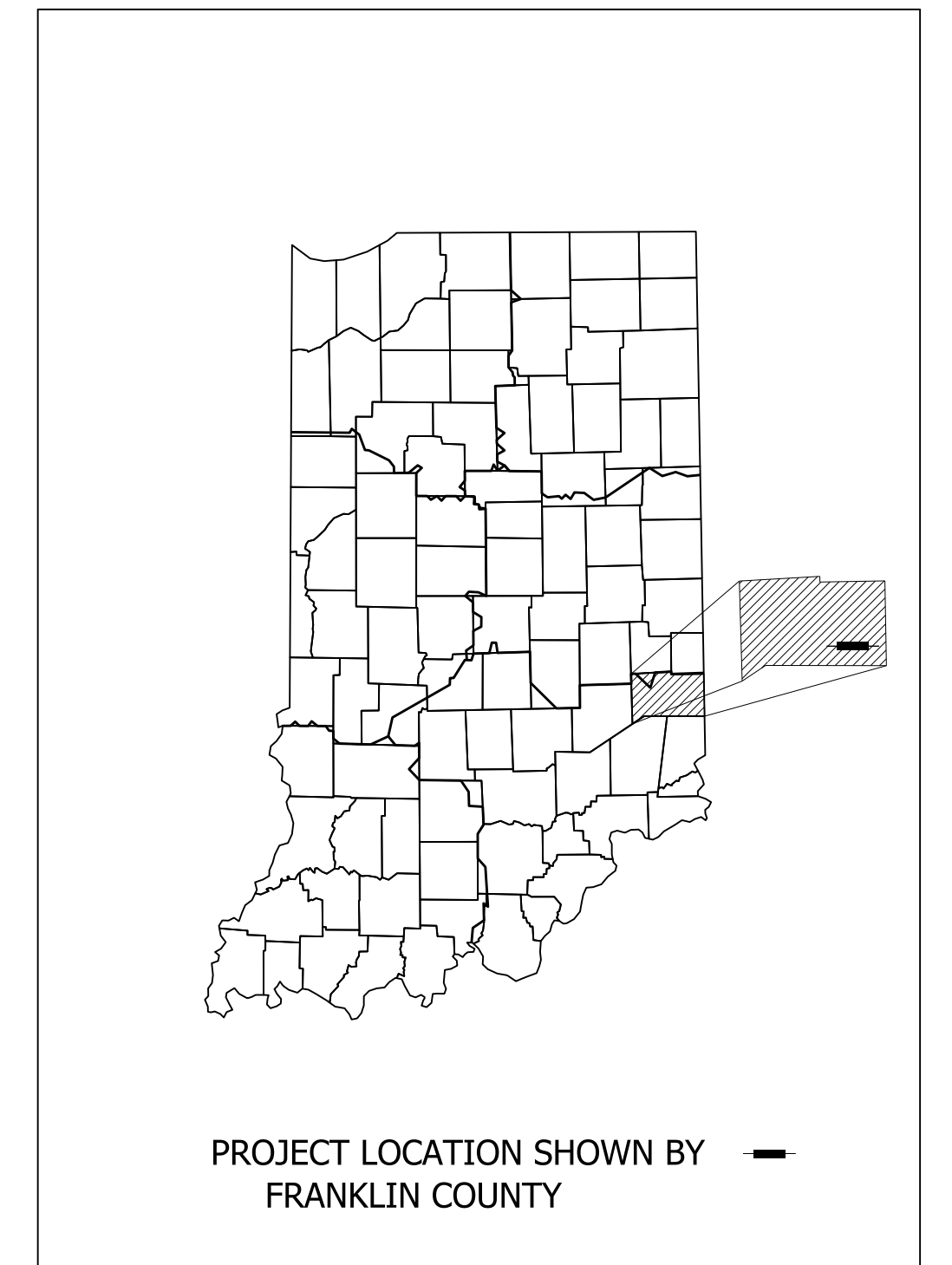
SCALE: 1" = 2000'

### TRAFFIC DATA

A.A.D.T. (2021)	1,640	V.P.D.
A.A.D.T. (2041)	1,850	V.P.D.
D.H.V. (2041)	181	V.P.H.
DIRECTIONAL DISTRIBUTION	48.69 %	
TRUCKS	3.50 %	A.A.D.T.
	1.27 %	D.H.V.

### DESIGN DATA

DESIGN SPEED	55	M.P.H.
PROJECT DESIGN CRITERIA	(3R)	(NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	STATE COLLECTOR	
RURAL/URBAN	RURAL	
TERRAIN	LEVEL	
ACCESS CONTROL	NONE	



LATITUDE: 39° 24' 49" N LONGITUDE: 84° 54' 07" W

BRIDGE LENGTH:	0.005	MI.
ROADWAY LENGTH:	0.045	MI.
TOTAL LENGTH:	0.050	MI.
MAX. GRADE:	2.30	%

HUC: 050800030800

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

**Michael Baker**  
INTERNATIONAL

Michael Baker International, Inc.  
3815 River Crossing Parkway, Suite 20  
Indianapolis, IN 46240  
Tel: 317-663-8430 Fax: 317-663-8410  
www.mbakertnt.com

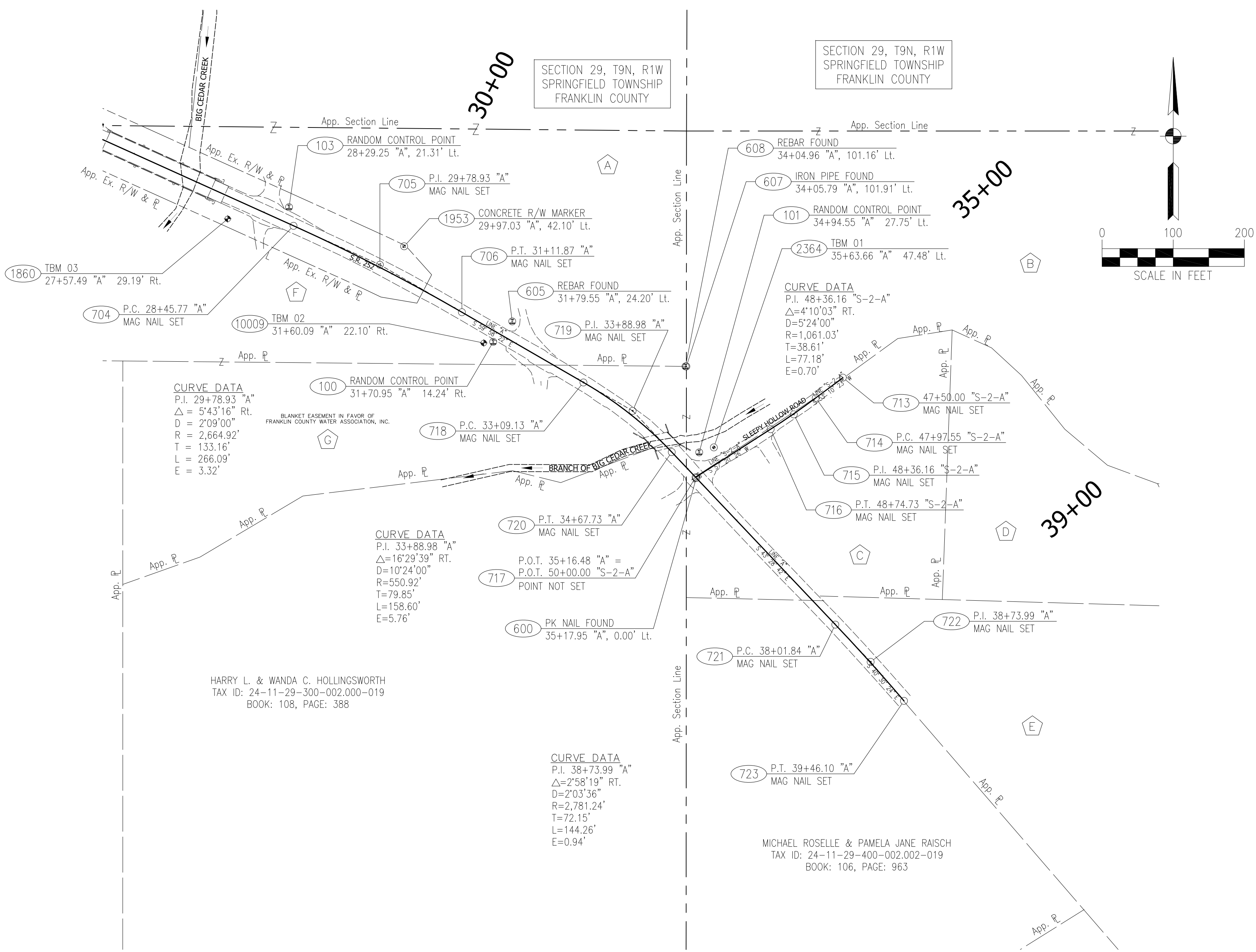
**Preliminary Plans**  
NOT FOR CONSTRUCTION

PLANS PREPARED BY:	Michael Baker International, Inc.	317-663-8430
		PHONE NUMBER
CERTIFIED BY:		DATE
APPROVED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

BRIDGE FILE	
252-24-06008 D	
DESIGNATION	
1600492	
SURVEY BOOK	SHEETS
	1 of 22
CONTRACT	PROJECT
B-39400	1600492







- A RHEA B. HUGHES & ROBERT SLAYERS  
TAX ID: 24-11-29-100-009.000-019  
BOOK: 111, PAGE: 750
- B DONALD J. & BEVERLY A. HETTERSIMER  
TAX ID: 24-11-29-400-012.000-019  
BOOK: 110, PAGE: 796
- C TERRY WAYNE POWELL  
TAX ID: 24-11-29-400-014.000-019  
INST. NO.: 2007002230
- D BENJAMIN F. FERN  
TAX ID: 24-11-29-400-001.001-019  
INST. NO.: 2015000339
- E TRACY L. & JENNIFER L. BOGGS  
TAX ID: 24-11-29-400-002.004-019  
INST. NO.: 2013002942
- F ADAM L. & ANGELIA L. BRANDES  
TAX ID: 24-11-29-300-003.000-019  
INSTRUMENT NO. 2003006363
- G ADAM L. & ANGELIA L. BRANDES  
TAX ID: 24-11-29-300-014.000-019  
INSTRUMENT NO. 2009002015

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

**RECORDED OCTOBER 31, 2017,**  
**AS INSTR. NO. 2017003141**  
**IN THE OFFICE OF THE**  
**FRANKLIN COUNTY RECORDER**

**COORDINATE TABLE**

POINT NO.	LOCAL NORTHING	LOCAL EASTING	SPC NORTHING	SPC EASTING	STATION	OFFSET	DESCRIPTION
100	49810.4351	50286.9456	1518125.0889	543908.2578	31+70.95 "A"	14.24' Rt.	SET 5/8" REBAR W/CAP STAMPED "CERTIFIED ENGINEERING"
101	49655.3466	50576.3830	1517970.0024	544197.6916	34+94.55 "A"	27.75' Lt.	SET 5/8" REBAR W/CAP STAMPED "CERTIFIED ENGINEERING"
103	50000.0000	50000.0000	1518314.6514	543621.3159	28+29.25 "A"	21.31' Lt.	SET 5/8" REBAR W/CAP STAMPED "CERTIFIED ENGINEERING"
600	49619.2773	50572.3445	1517933.9336	544193.6531	35+17.95 "A"	0.00' Lt.	P.K. NAIL FOUND
601	47477.0917	47926.5588	1515791.7752	541547.9011	N/A	N/A	SOUTHEAST CORNER SECTION 29, RAILROAD SPIKE FOUND
603	50131.7150	47932.4164	1518446.3647	541553.7586	N/A	N/A	WEST QUARTER CORNER SECTION 29, STONE FOUND
604	50106.9072	50558.4955	1518421.5573	544179.8043	N/A	N/A	CENTER SECTION 29, STONE FOUND
605	49839.4145	50313.6350	1518154.0680	543934.9469	31+79.55 "A"	24.20' Lt.	REBAR FOUND
606	50106.9842	53197.3790	1518421.6342	546818.6542	N/A	N/A	EAST QUARTER CORNER SECTION 29, FENCE POST FOUND
607	49776.1543	50558.3488	1521078.0696	544205.3448	N/A	N/A	IRON PIPE FOUND
608	49776.2100	50557.1211	1521076.8729	544205.6247	N/A	N/A	REBAR W/CAP STAMPED "900024" FOUND
609	49801.3940	47931.6112	1518116.0479	541552.9535	N/A	N/A	FOUND STONE
611	52773.5011	50568.4181	1521088.1172	544189.7268	N/A	N/A	NORTH QUARTER CORNER SECTION 29, FENCE POST FOUND
704	49973.7763	50006.2826	1518288.4280	543627.5984	P.C. 28+45.77 "A"	N/A	SET MAG NAIL
705	49918.9668	50127.6365	1518233.6192	543748.9508	P.I. 29+78.93 "A"	N/A	SET MAG NAIL
706	49852.3331	50242.9224	1518166.9864	543864.2352	P.T. 31+11.87 "A"	N/A	SET MAG NAIL
713	49760.4175	50778.2643	1518075.0720	544399.5703	P.O.T. 47+50.00 "S-2-A"	N/A	SET MAG NAIL
714	49731.9160	50740.2029	1518046.5708	544361.5094	P.C. 47+97.55 "S-2-A"	N/A	SET MAG NAIL
715	49708.7759	50709.3011	1518023.4310	544330.6080	P.I. 33+88.98 "S-2-A"	N/A	SET MAG NAIL
716	49687.9428	50676.7994	1518002.5982	544298.1067	P.T. 48+74.73 "S-2-A"	N/A	SET MAG NAIL
717	49620.3416	50571.3353	1517934.9978	544192.6439	P.O.T. 50+00.00 "S-2-A"	N/A	POINT NOT SET
718	49753.6195	50413.7111	1518068.2740	544035.0217	P.C. 33+09.13 "A"	N/A	SET MAG NAIL
719	49713.6608	50482.8454	1518028.3158	544104.1551	P.I. 33+88.98 "A"	N/A	SET MAG NAIL
720	49655.7180	50537.7897	1517970.3738	544159.0987	P.T. 34+67.73 "A"	N/A	SET MAG NAIL
721	49413.2755	50767.6856	1517727.9344	544388.9917	P.C. 38+01.84 "A"	N/A	SET MAG NAIL
722	49360.9244	50817.3275	1517675.5839	544438.6330	P.I. 38+73.99 "A"	N/A	SET MAG NAIL
723	49306.0701	50864.1884	1517620.7303	544485.4933	P.T. 39+46.10 "A"	N/A	SET MAG NAIL
1953	49944.9636	50161.7704	1518259.6157	543783.0843	29+97.03 "A"	42.10' Lt.	CONCRETE R/W MARKER FOUND

**BENCHMARK TABLE**

POINT NO.	LOCAL NORTHING	LOCAL EASTING	SPC NORTHING	SPC EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
2364	49662.3176	50596.9670	1517976.9733	544218.2753	810.56	35+03.66 "A"	47.48' Lt.	TBM 01: MAG NAIL SET 1' +/- UP, IN SOUTH SIDE OF POWER POLE #7255, IN THE NORTHWEST QUADRANT OF S.R. 252 AND SLEEPY HOLLOW ROAD.
10009	49809.0731	50273.6126	1518123.7269	543894.9250	804.11	31+60.09 "A"	22.10' Rt.	TBM 02: MAG NAIL SET 1' +/- UP, IN NORTH SIDE OF POWER POLE #753-876, WEST OF HOUSE #5156.
1860	49983.5104	49913.8039	1518298.1620	543535.1209	789.29	27+57.49 "A"	29.19' Rt.	TBM 03: MAG NAIL SET 1' +/- UP, IN NORTH SIDE OF POWER POLE #13733, WEST OF HOUSE #5160.
1003	50136.9710	49587.4671	1518451.6207	543208.7882	792.26	23+96.91 "A"	23.66' Rt.	TBM 04: MAG NAIL SET 1' +/- UP, IN NORTH SIDE OF POWER POLE #756-452, IN THE SOUTHWEST QUADRANT OF S.R. 252 AND BIG CEDAR SOUTH ROAD.

**RIGHT-OF-WAY NOTE:**

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

**EASEMENT NOTE:**

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

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

*Aaron T. Fateley*  
Aaron T. Fateley

CERTIFIED ENGINEERING JOB NO. 17134

SURVEY STARTED	JUNE 2017
SURVEY COMPLETED	OCTOBER 2017
LCRS SHEETS	1 of 2



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

**FIELD SURVEYOR STATEMENT**

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



PREPARED BY:  
*Aaron T. Fateley*  
AARON T. FATELEY  
10-23-2017  
DATE

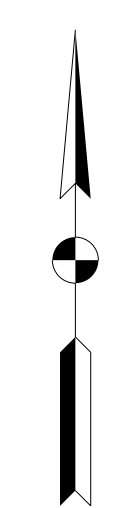
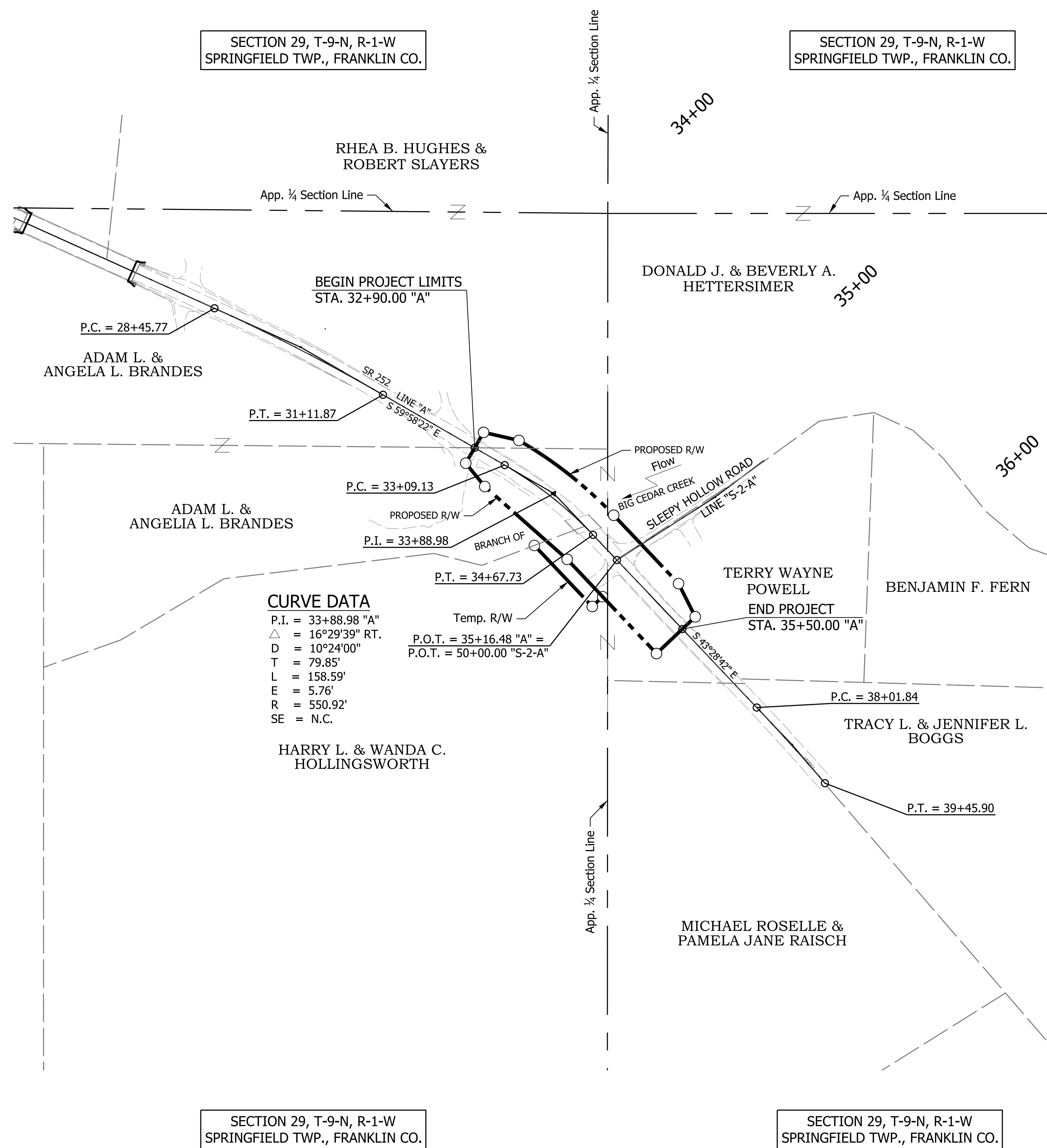
RECOMMENDED FOR APPROVAL:  
*Aaron T. Fateley*  
REGISTERED LAND SURVEYOR, FIELD  
10-23-2017  
DATE

**INDIANA DEPARTMENT**  
**OF TRANSPORTATION**

**S.R. 252 BRIDGE OVER**  
**BRANCH OF BIG CEDAR CREEK**  
**LOCATION CONTROL ROUTE SURVEY**

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
N/A	1593049
SURVEY BOOK	SHEETS
CONTRACT	3 of 22
	PROJECT
	1593049

p:\w\DCW\APP1\_bkr\m\baikercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\CC-TO4-1600492\3.08space\deliverables\3.0\_Bridge\DCW\SHEETS\161287\_RW\_SHT\_PLAT1.dgn



**Preliminary Plans  
NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

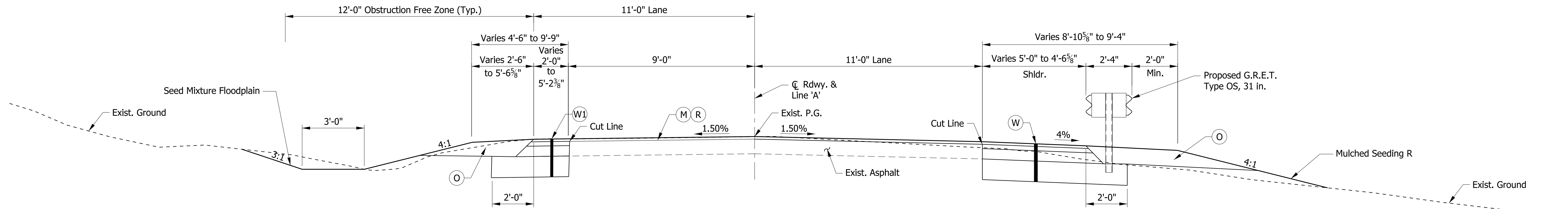
INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

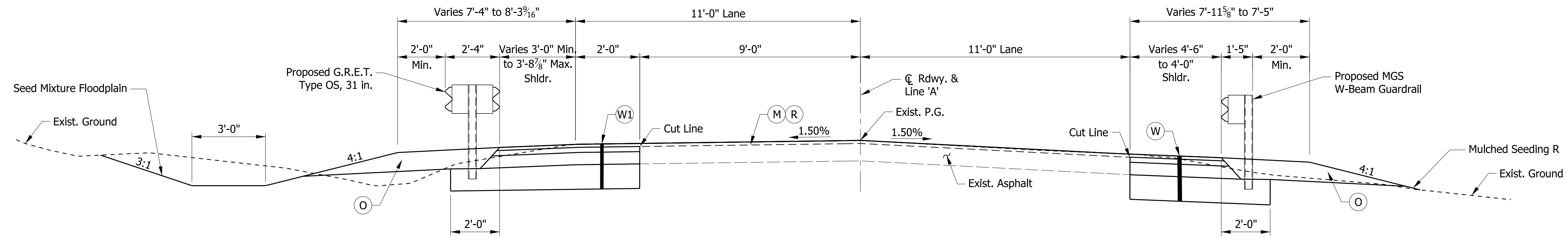
HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	252-24-06008 D
VERTICAL SCALE	DESIGNATION
1" = 100'	1600492
SURVEY BOOK	SHEETS
	4 OF 22
CONTRACT	PROJECT
B-39400	1600492



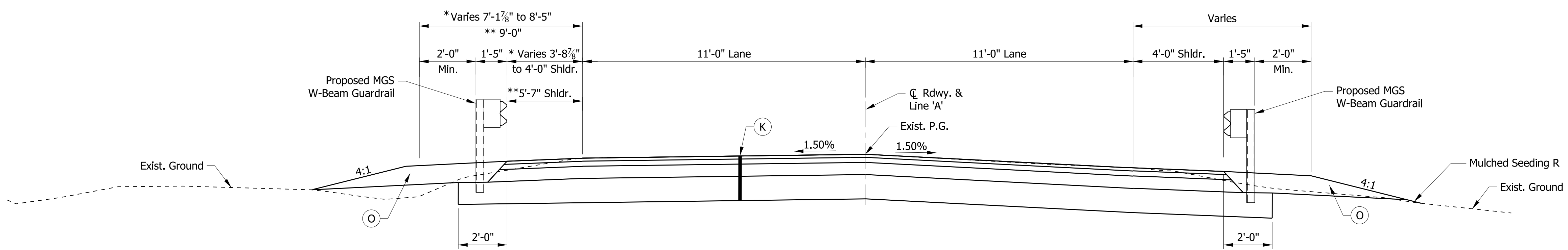
p:\w\DCW\APP1\_lbr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SRP252-Seymour\OC-T04-160492\3.08space\delivarables\3.0\_Bridge\DCN\SHEETS\161287\_RD\_SHT\_TYPICAL.dgn



**TYPICAL SECTION @ WEST APPROACH**  
STA. 32+90.00 TO STA. 33+54.93



**TYPICAL SECTION @ WEST APPROACH**  
STA. 33+54.93 TO STA. 33+98.83



**TYPICAL FULL DEPTH SECTION**  
\* STA. 33+98.83 TO STA. 34+02.83  
\*\* STA. 34+88.63 TO STA. 34+92.63

- LEGEND**
- (K) Full Depth HMA:  
165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
275#/Sys QC/QA-HMA 2, 64, Intermediate 19.0mm on  
880#/Sys QC/QA-HMA 2, 64, Base 19.0mm on  
Dense Graded Subbase on  
Subgrade Treatment, Type ID
  - (M) Milling, Asphalt 1 1/2"
  - (O) Compacted Aggregate, No. 53
  - (R) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm
  - (W) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
Widening with HMA, Type B:  
275#/Sys HMA, Intermediate, Type B on  
660#/Sys HMA, Base, Type B on  
Subgrade Treatment, Type ID
  - (W1) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
Widening with HMA, Type B:  
275#/Sys HMA, Intermediate, Type B on  
880#/Sys HMA, Base, Type B on  
Subgrade Treatment, Type ID

**NOTES**  
1. For additional details, see sheets 9, 10 & 12 thru 14.

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

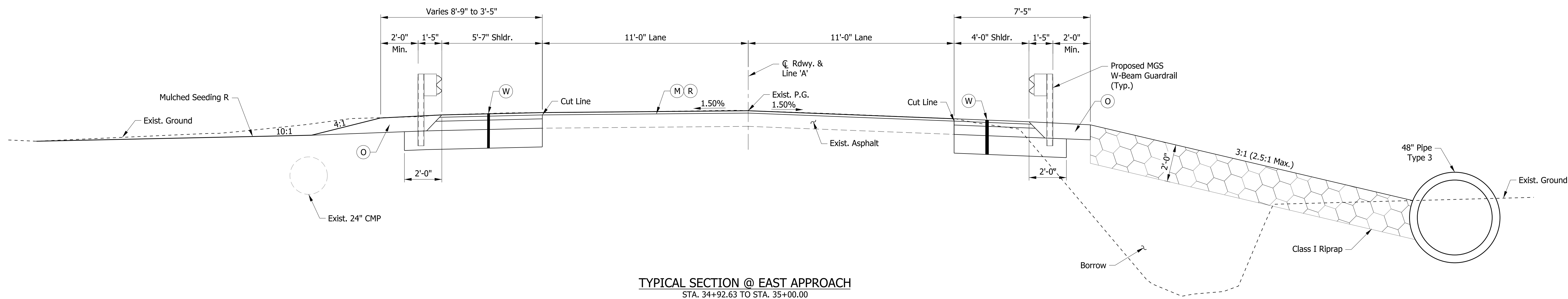
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

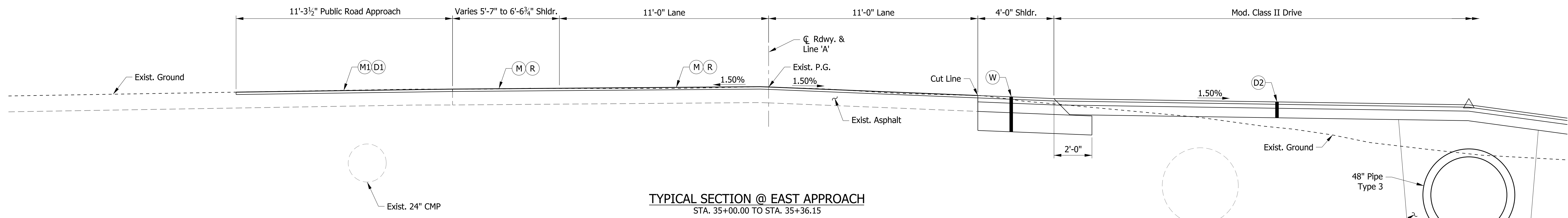
**TYPICAL CROSS SECTIONS**

HORIZONTAL SCALE	BRIDGE FILE
3/8" = 1'-0"	252-24-06008 D
VERTICAL SCALE	DESIGNATION
3/8" = 1'-0"	1600492
SURVEY BOOK	SHEETS
	5 OF 22
CONTRACT	PROJECT
B-39400	1600492

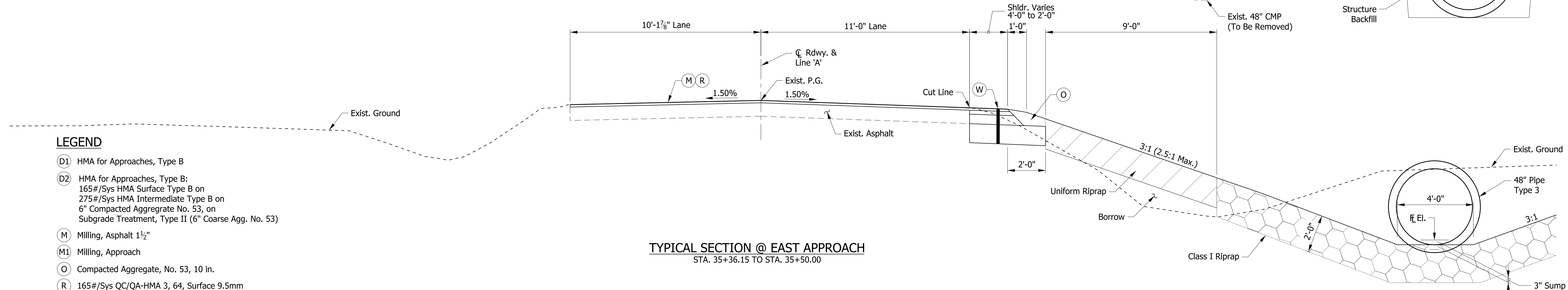
p:\w\DCW\APP1\_bkr.mbakercorp.com\p\road\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1609492\3.08space\deliverables\3.8\_Bridge\DCN\SHEETS\161287\_RD\_SHT\_TYPICAL-02.dgn



**TYPICAL SECTION @ EAST APPROACH**  
STA. 34+92.63 TO STA. 35+00.00



**TYPICAL SECTION @ EAST APPROACH**  
STA. 35+00.00 TO STA. 35+36.15



**TYPICAL SECTION @ EAST APPROACH**  
STA. 35+36.15 TO STA. 35+50.00

**LEGEND**

- (D1) HMA for Approaches, Type B
- (D2) HMA for Approaches, Type B:  
165#/Sys HMA Surface Type B on  
275#/Sys HMA Intermediate Type B on  
6" Compacted Aggregate No. 53, on  
Subgrade Treatment, Type II (6" Coarse Agg. No. 53)
- (M) Milling, Asphalt 1 1/2"
- (M1) Milling, Approach
- (O) Compacted Aggregate, No. 53, 10 in.
- (R) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm
- (W) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
Widening with HMA, Type B:  
275#/Sys HMA, Intermediate, Type B on  
660#/Sys HMA, Base, Type B on  
Subgrade Treatment, Type ID

**NOTES**

1. For additional details, see sheets 9, 10 & 12 thru 14.

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

INDIANA  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
3/8" = 1'-0"	252-24-06008 D
VERTICAL SCALE	DESIGNATION
3/8" = 1'-0"	1600492
SURVEY BOOK	SHEETS
	6 OF 22
CONTRACT	PROJECT
B-39400	1600492

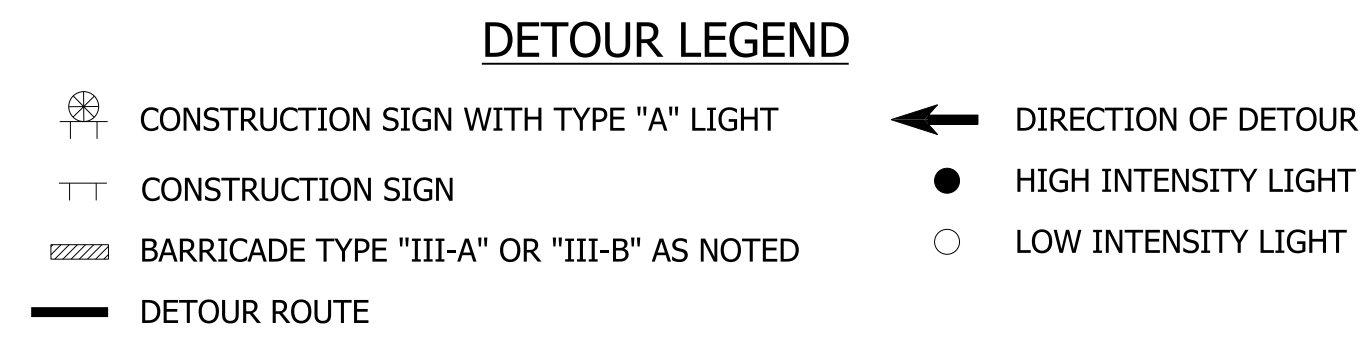
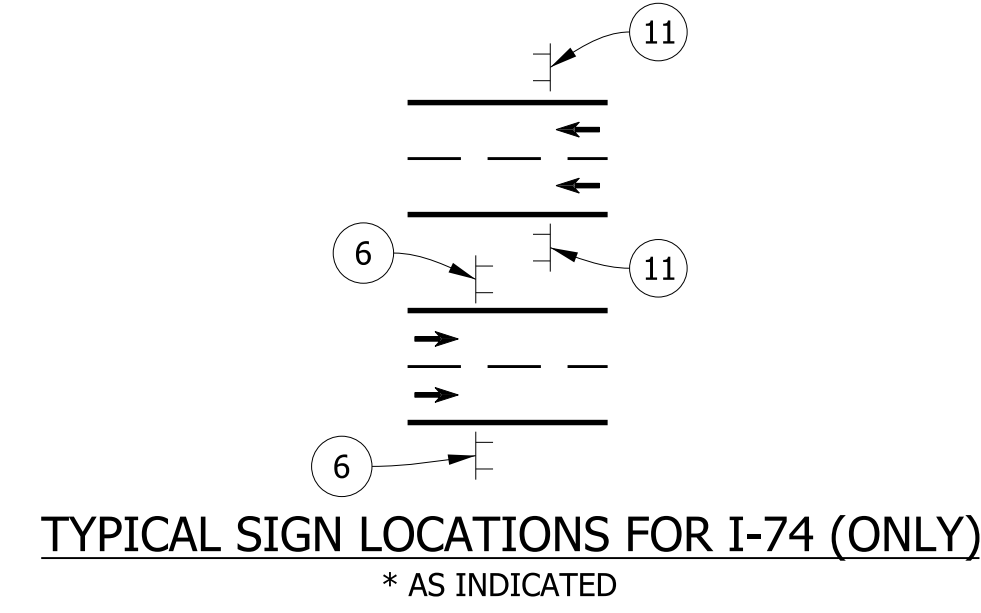
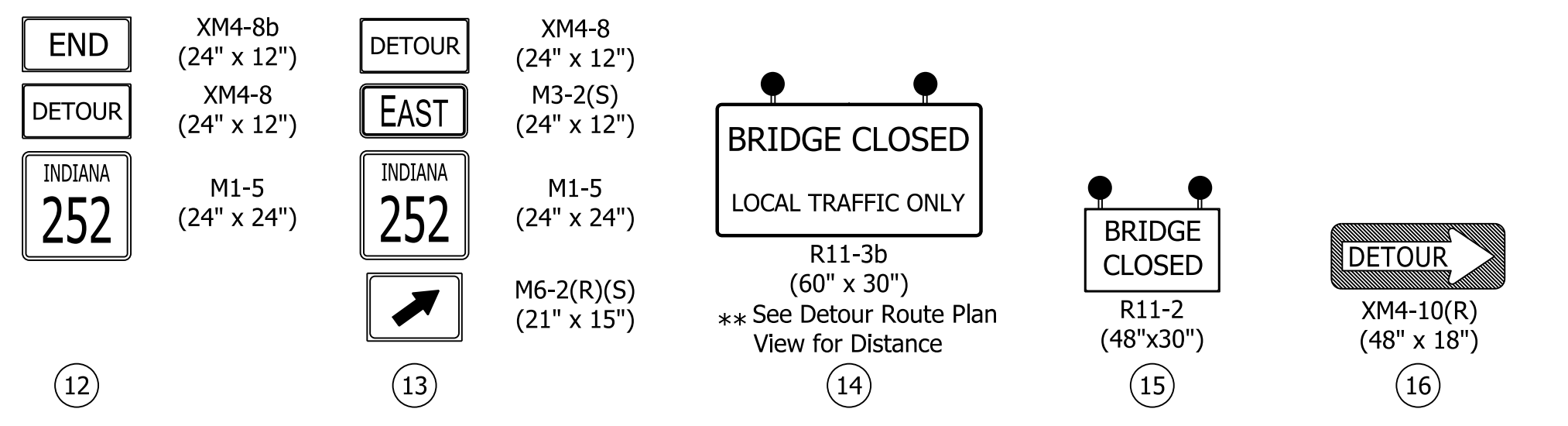
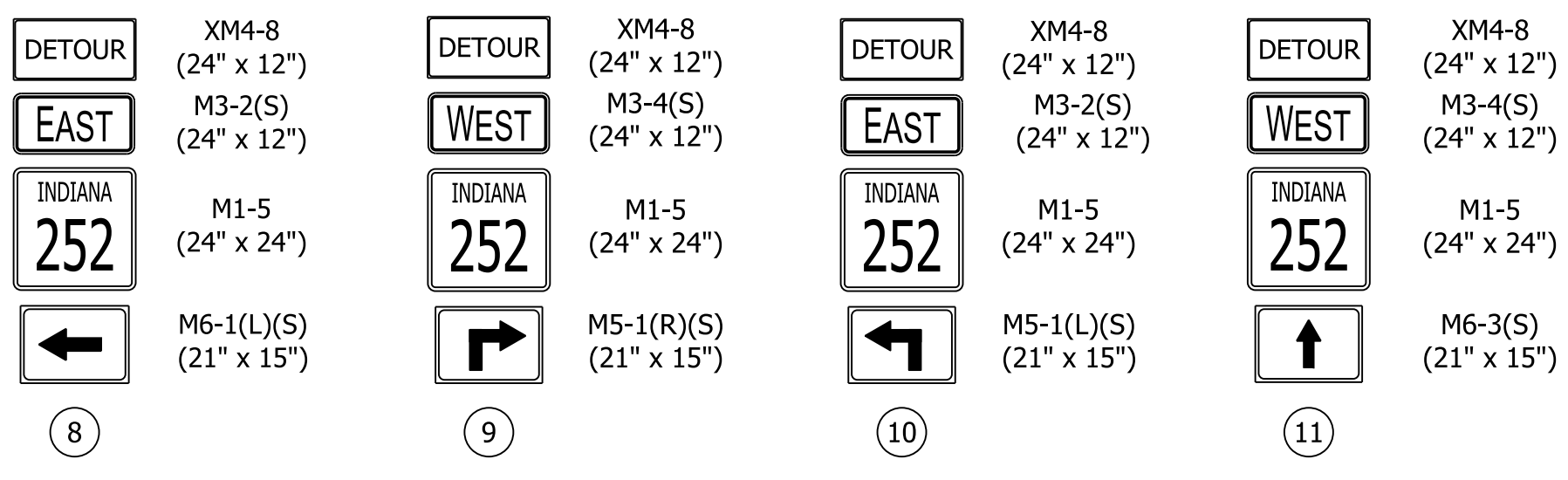
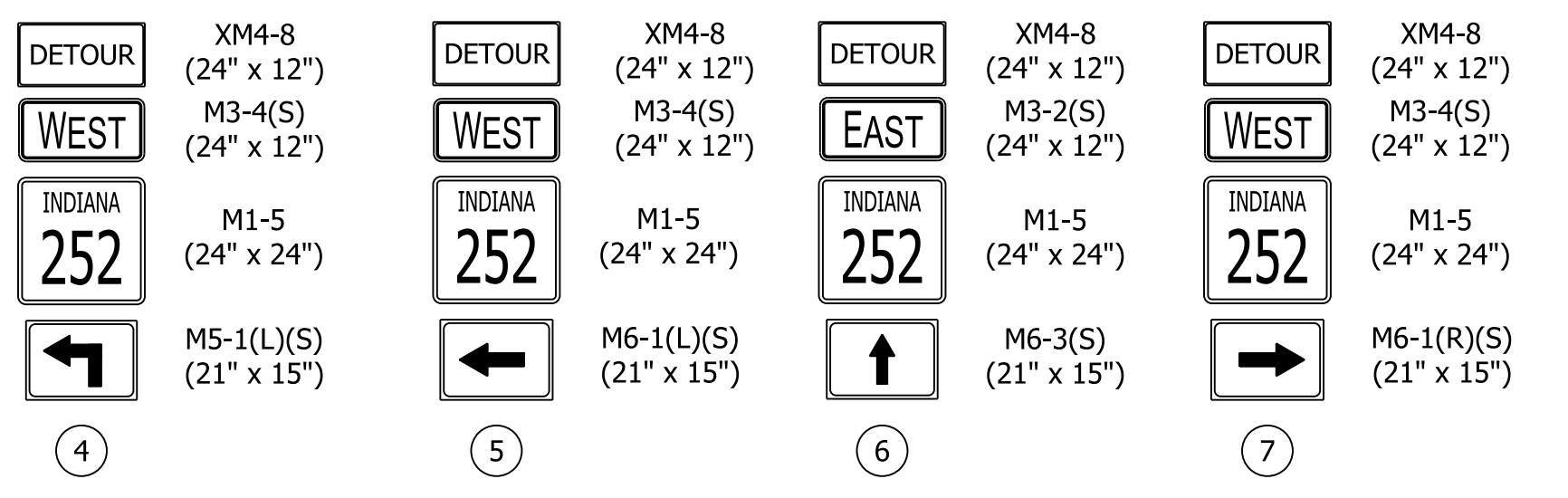
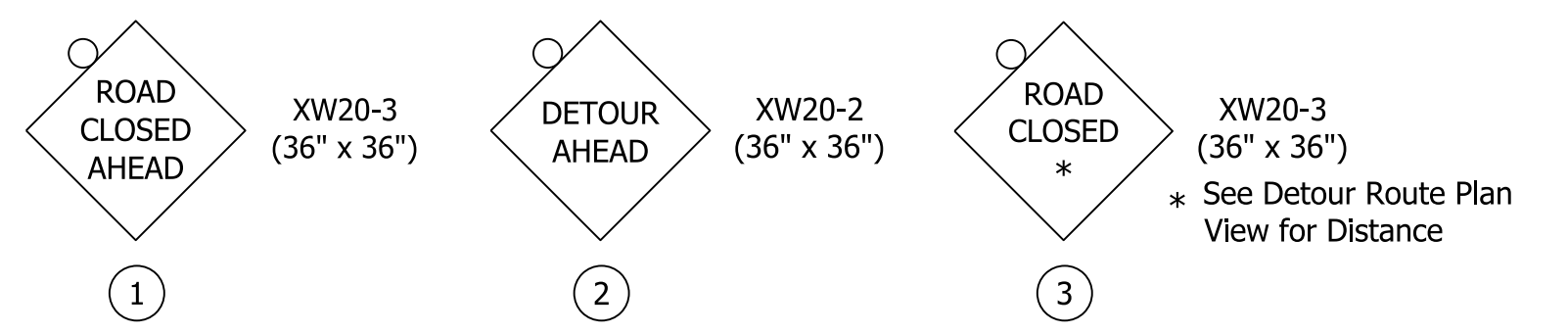


p:\w\DCW\APP1\_bkr-mbakercorp.com\p\proj\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3.08space\deliverables\3.0\_Bridge\DCN\SHEETS\161287\_BR\_SHT\_MOT\_DETOUTR.dgn



**MAINTENANCE OF TRAFFIC QUANTITIES**

MAINTAINING TRAFFIC	1 LSUM
CONSTRUCTION SIGN TYPE A	10 EACH
CONSTRUCTION SIGN TYPE B	1 EACH
CONSTRUCTION SIGN TYPE C	4 EACH
ROAD CLOSURE SIGN ASSEMBLY	4 EACH
DETOUR ROUTE MARKER ASSEMBLY	105 EACH
TYPE III-A BARRICADE	48 LFT
TYPE III-B BARRICADE	24 LFT



- NOTES:**
1. Driveway access to remain open at all times.
  2. Refer to INDOT Standard Drawings E 801-TCDD, E 801-TCSN, E 801-TCLG for further details of Traffic Control Signs.
  3. See sheet 8 for Details 'A' thru 'F'.

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

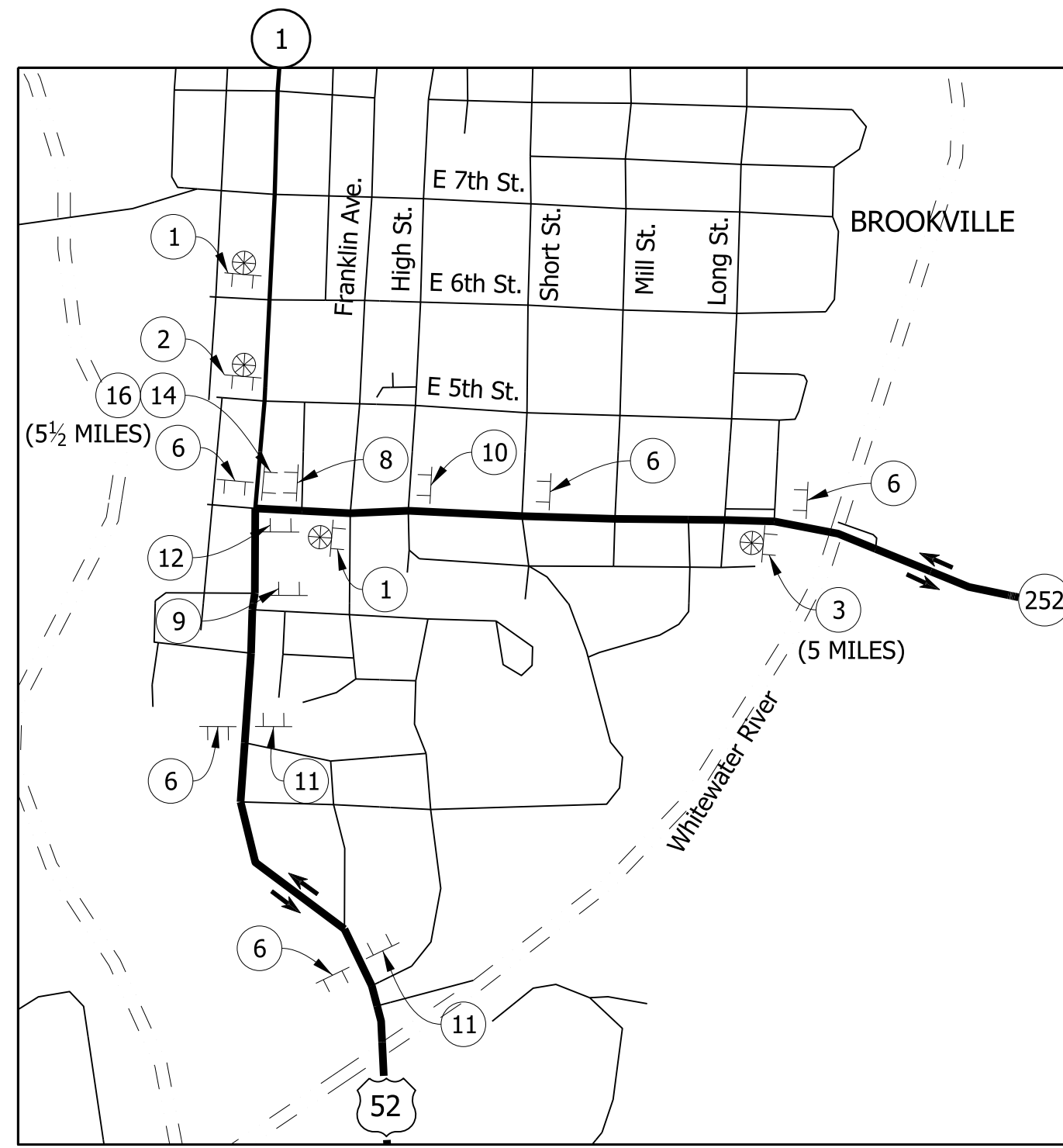
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

INDIANA  
DEPARTMENT OF TRANSPORTATION

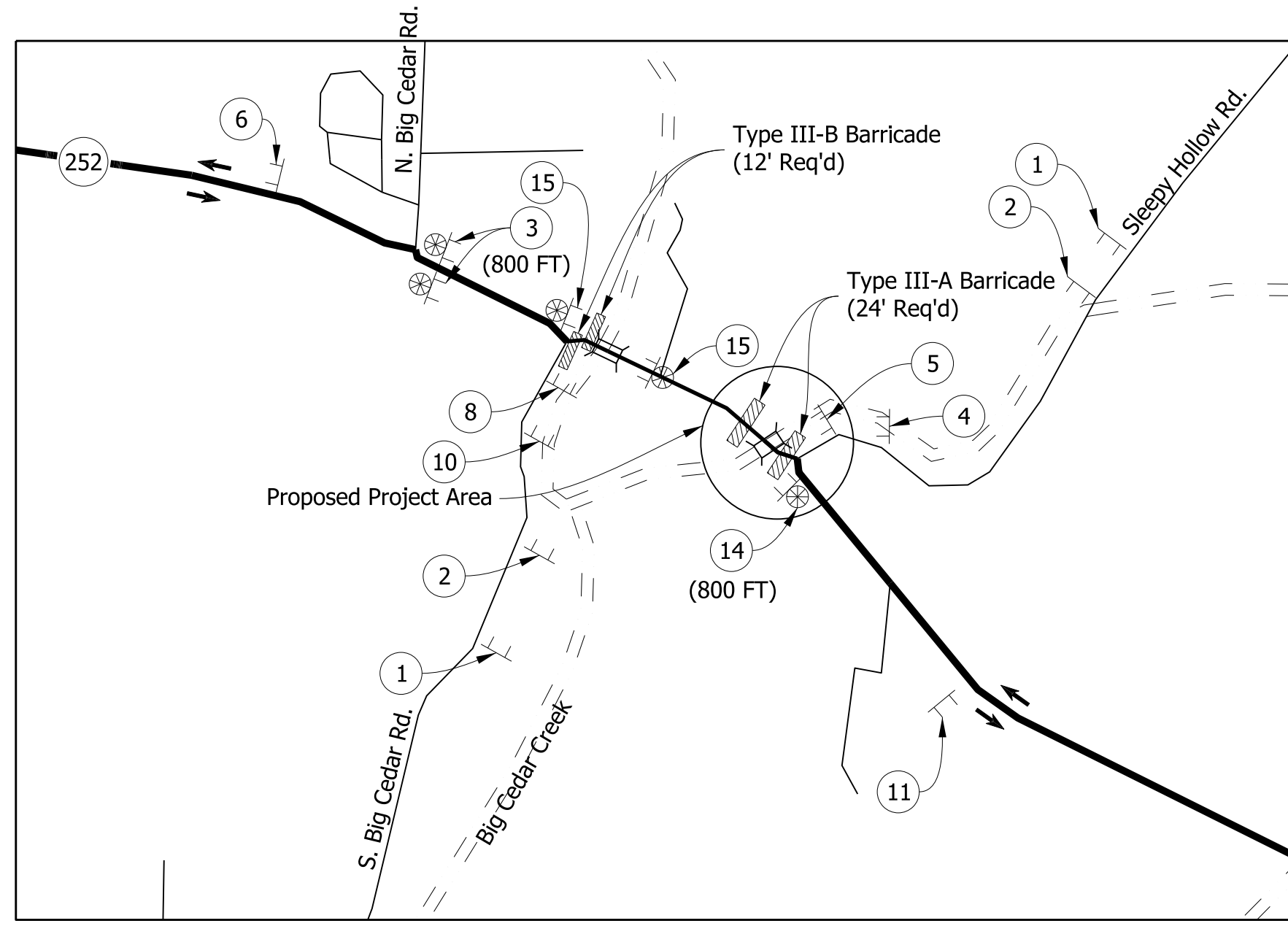
**MAINTENANCE OF TRAFFIC - DETOUR**

HORIZONTAL SCALE	BRIDGE FILE
1" = 6000'	252-24-06008 D
VERTICAL SCALE	DESIGNATION
1" = 6000'	1600492
SURVEY BOOK	SHEETS
	7 OF 22
CONTRACT	PROJECT
B-39400	1600492

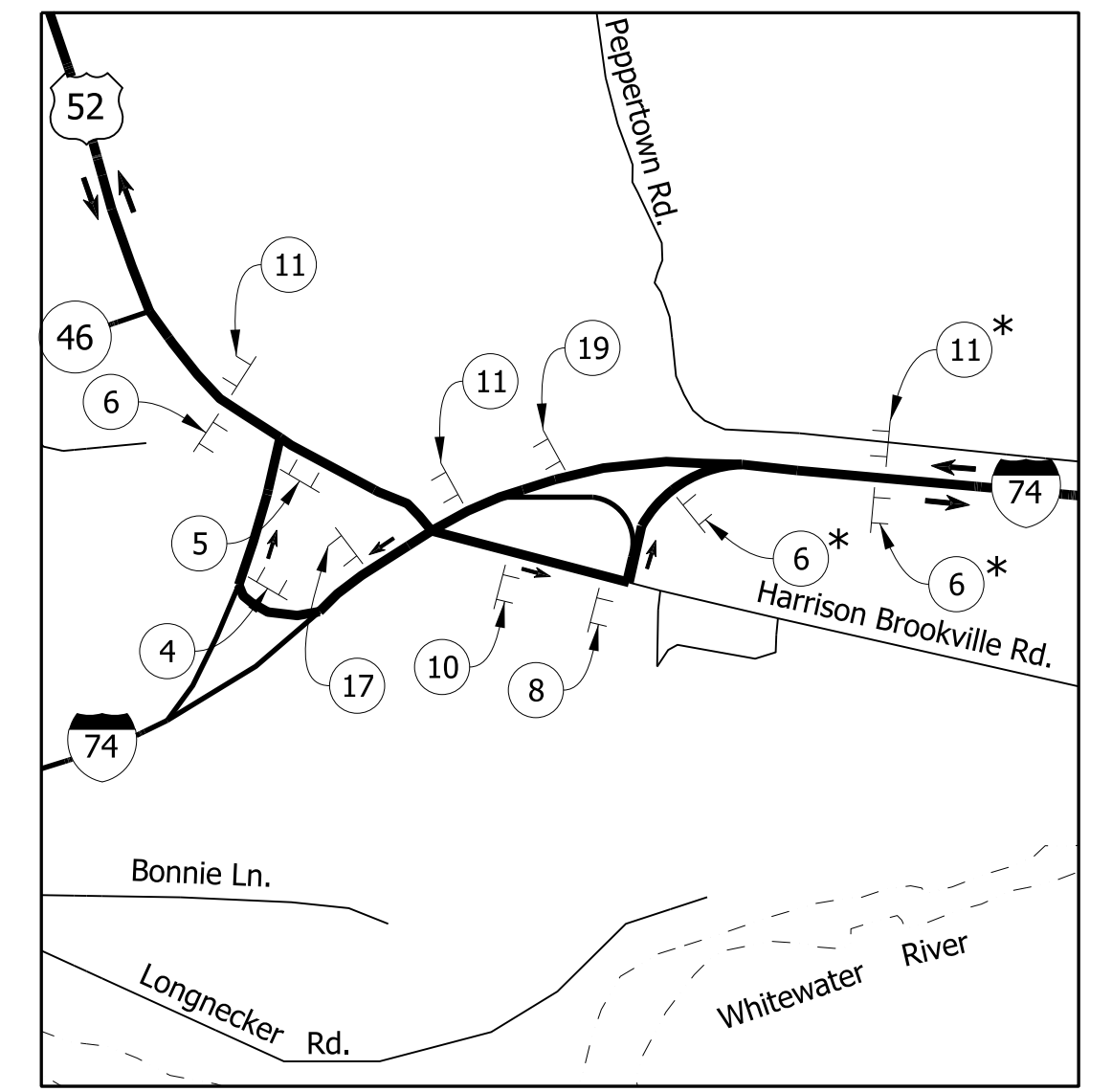
p:\w\DCW\APP1\_lbr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\CC-T04-1600492\3.08\space\delivarables\3.8\_Bridge\DCN\SHEETS\161287\_BR\_SHT\_MOT\_DET02.dgn



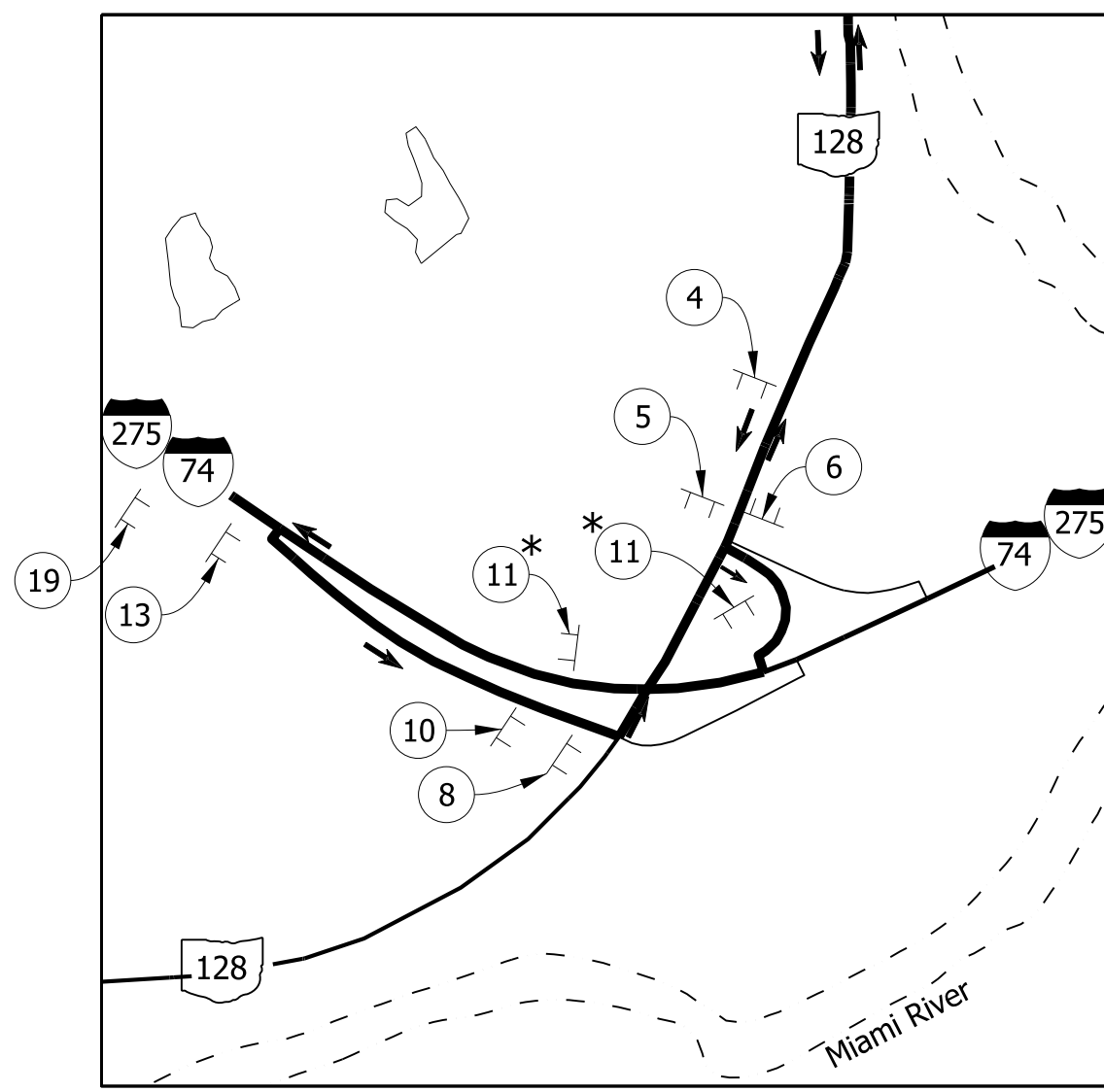
DETAIL 'A'  
SCALE: 1" = 60'



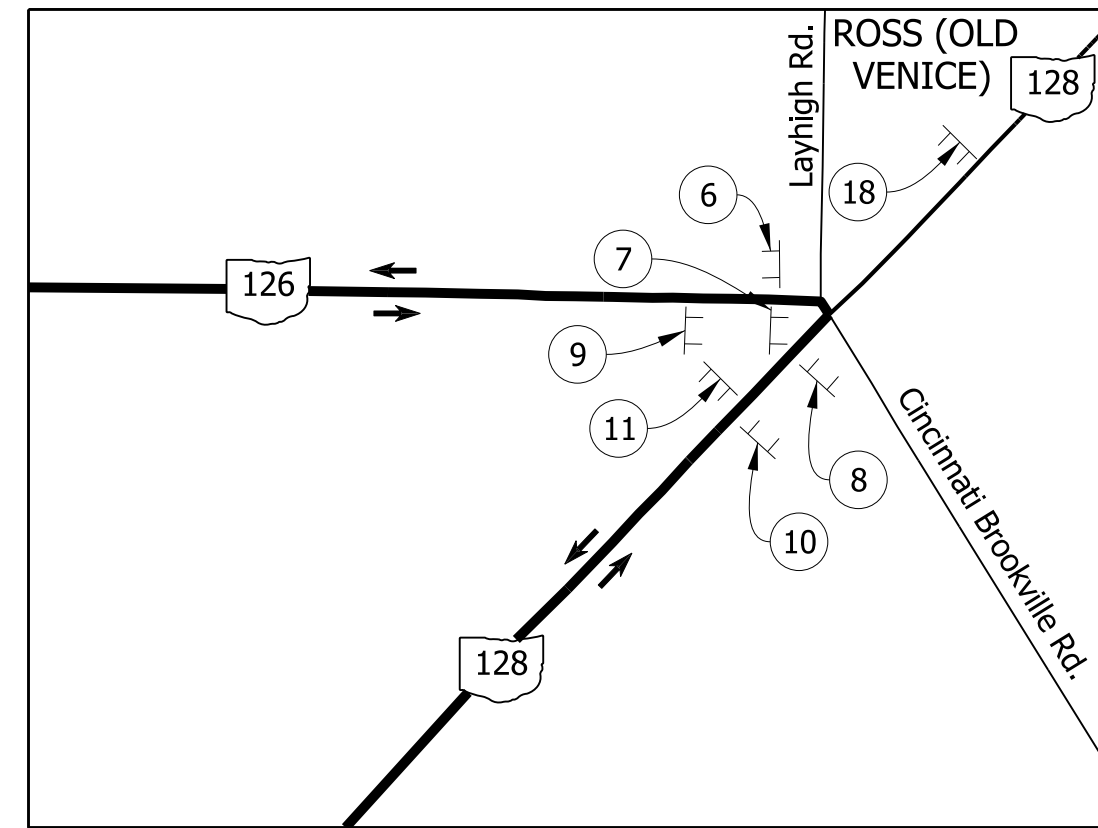
DETAIL 'B'  
SCALE: 1" = 60'



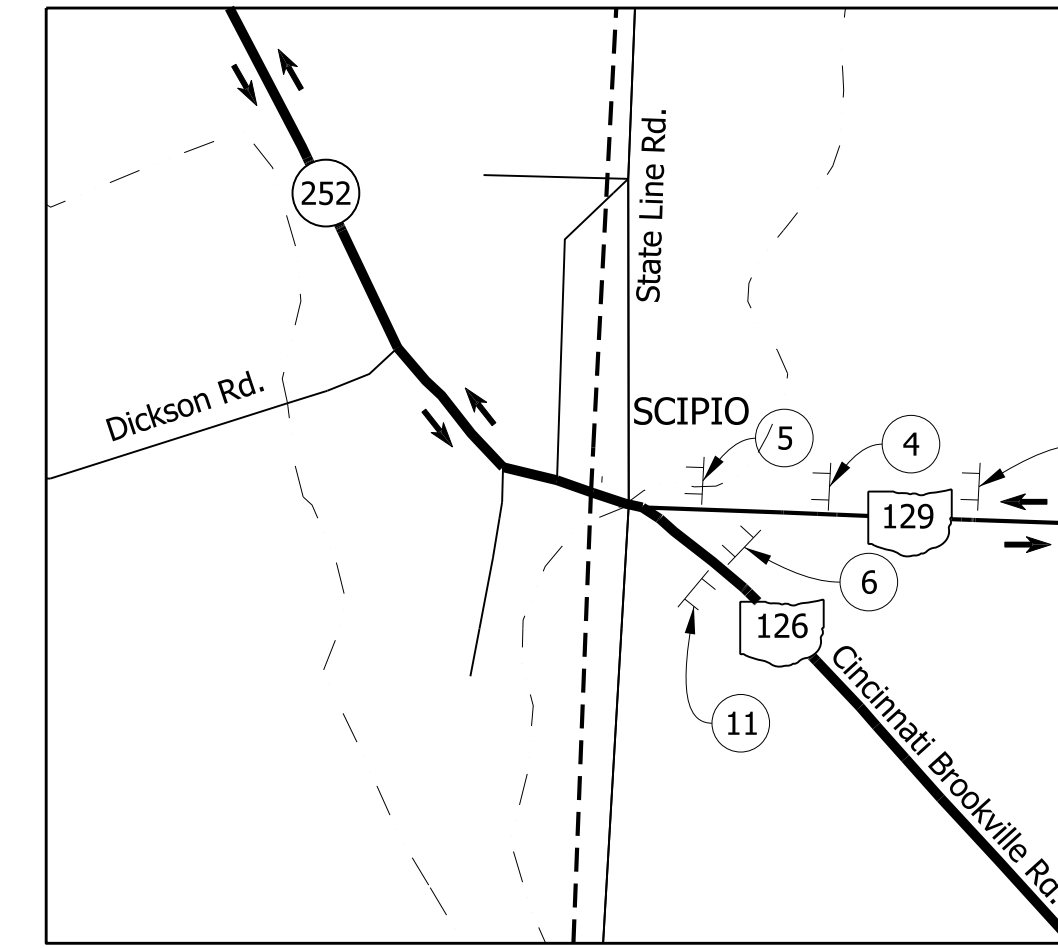
DETAIL 'C'  
SCALE: 1" = 100'



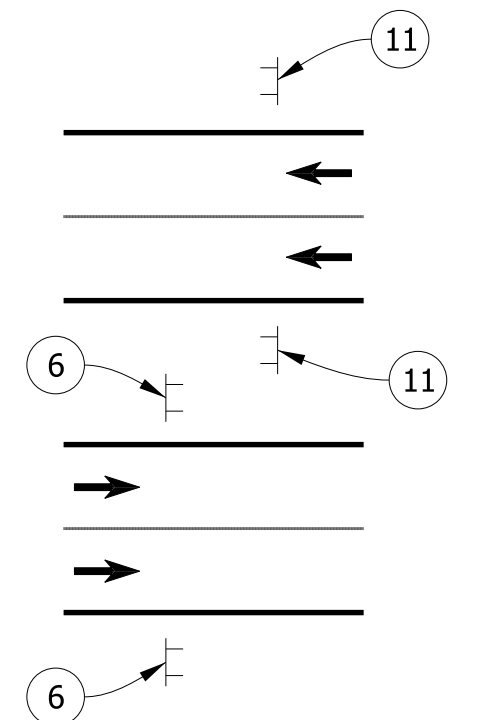
DETAIL 'D'  
SCALE: 1" = 100'



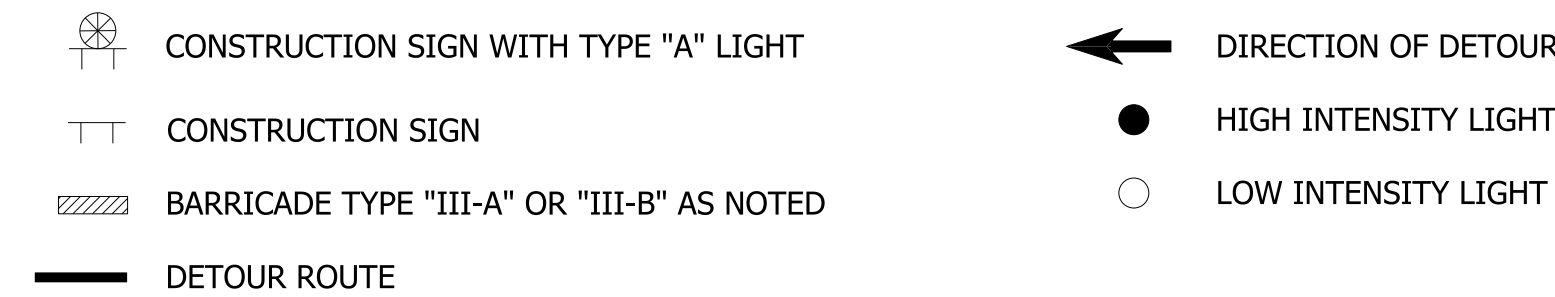
DETAIL 'E'  
SCALE: 1" = 100'



DETAIL 'F'  
SCALE: 1" = 100'



TYPICAL SIGN LOCATIONS FOR I-74 (ONLY)  
\* AS INDICATED



- NOTES:**
1. Driveway access to remain open at all times.
  2. Refer to INDOT Standard Drawings E 801-TCDD, E 801-TCSN, E 801-TCLG for further details of Traffic Control Signs.
  3. See sheet 7 for Detour Route Marker Assemblies.
  4. Str. No. 252-24-03800 B (Des. No. 1593049) and Str. No. 252-24-06008 D (Des. No. 1600492) will be constructed in Contract B-39400. The projects shall not be closed at the same time.
  5. Milling and Resurface for the intersection of SR 252 and Sleepy Hollow Rd. to be completed under Temporary Traffic Control.

DATE	REVISION

**Preliminary Plans  
NOT FOR CONSTRUCTION**

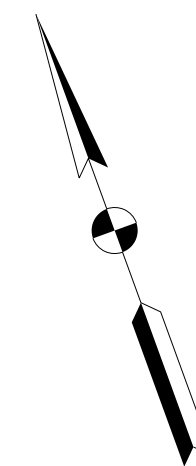
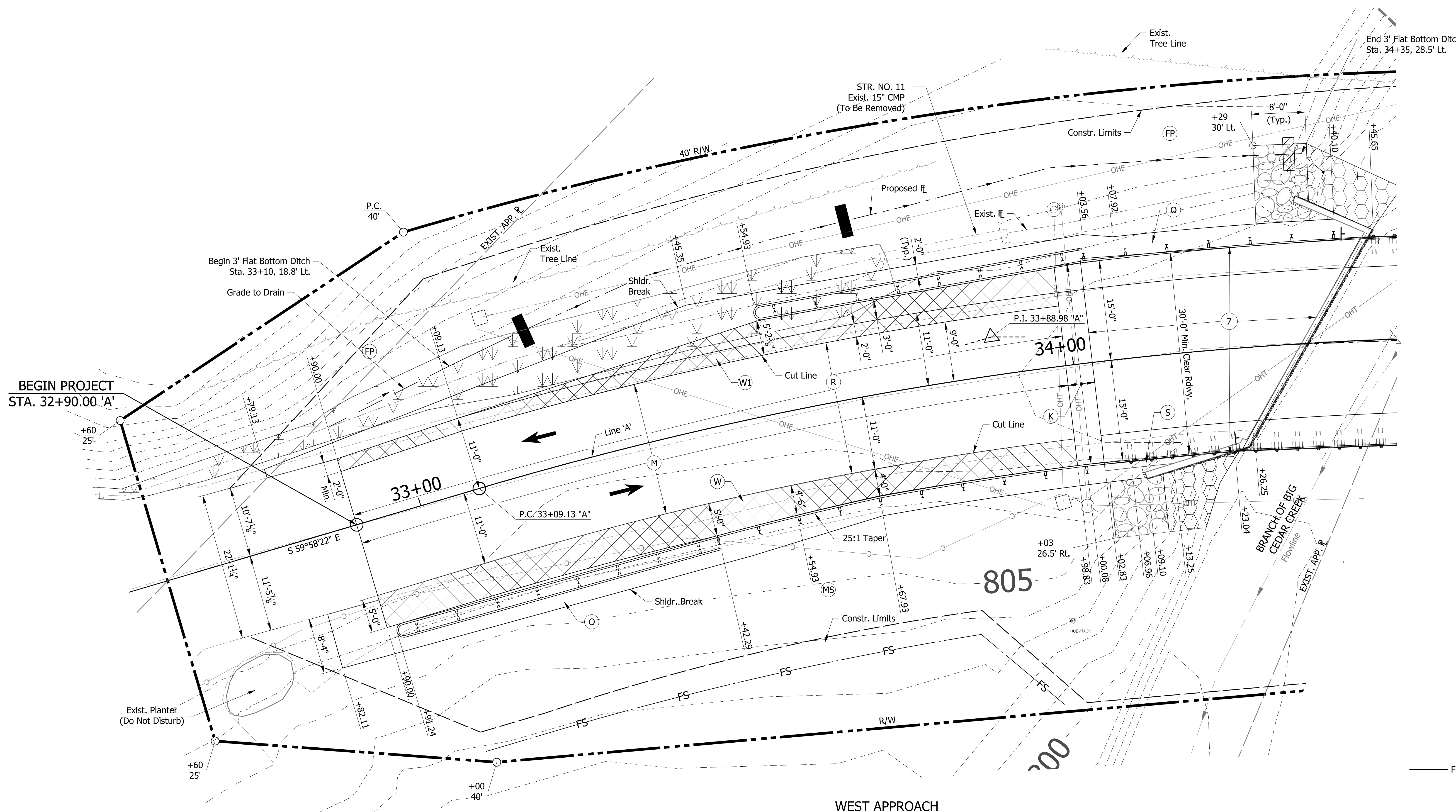
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

INDIANA  
DEPARTMENT OF TRANSPORTATION  
  
MAINTENANCE OF TRAFFIC - DETOUR

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	252-24-06008 D
VERTICAL SCALE	DESIGNATION
AS NOTED	1600492
SURVEY BOOK	SHEETS
	8 OF 22
CONTRACT	PROJECT
B-39400	1600492



p:\w\DCW\APP1\_bkr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3\_08space\deliverables\3\_8\_Bridge\DCW\SHETS\161287\_BR\_SHT\_CD01\_WEST.dgn



- LEGEND**
- (FP) Seed Mixture, Floodplain
  - (K) Full Depth HMA:  
165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
275#/Sys QC/QA-HMA 2, 64, Intermediate 19.0mm on  
660#/Sys QC/QA-HMA 2, 64, Base 19.0 mm on  
Dense Graded Subbase on  
Subgrade Treatment, Type ID
  - (M) Milling, Asphalt 1 1/2"
  - (MS) Mulched Seeding, R
  - (O) Compacted Aggregate, No. 53
  - (R) 165#/Sys QC/QA-HMA Surface 9.5mm
  - (S) No. 2 Stone
  - (W) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
Widening with HMA, Type B:  
275#/Sys HMA, Intermediate, Type B on  
660#/Sys HMA, Base, Type B on  
Subgrade Treatment, Type ID
  - (W1) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
Widening with HMA, Type B:  
275#/Sys HMA, Intermediate, Type B on  
880#/Sys HMA, Base, Type B on  
Subgrade Treatment, Type ID
  - (7) Reinforced Concrete Bridge Approach
  - [Cross-hatch pattern] Indicates Area of Widening
  - [Diagonal lines pattern] Indicates Area of Revetment Riprap
  - [Stippled pattern] Indicates Area of Class 2 Riprap
  - [Wavy line pattern] Indicates Area of Impacted Wetlands
  - FS Temporary Filter Sock
  - [Solid black rectangle] Temporary Check Dam, Traversable
  - [Diagonal lines pattern] Temporary Check Dam, Revetment Riprap
  - [Arrow] Indicates Direction of Traffic Flow

- NOTES**
- For Typical Cross Sections, see sheets 5 & 6.
  - For additional Construction Details, see sheet 10.
  - For General Plan, see sheets 13 & 14.
  - For Pavement Wedge Limits at Drives, see Std. Dwg. 610-DRIV-21.

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: SWB	
CHECKED: JPD	CHECKED: CMB	

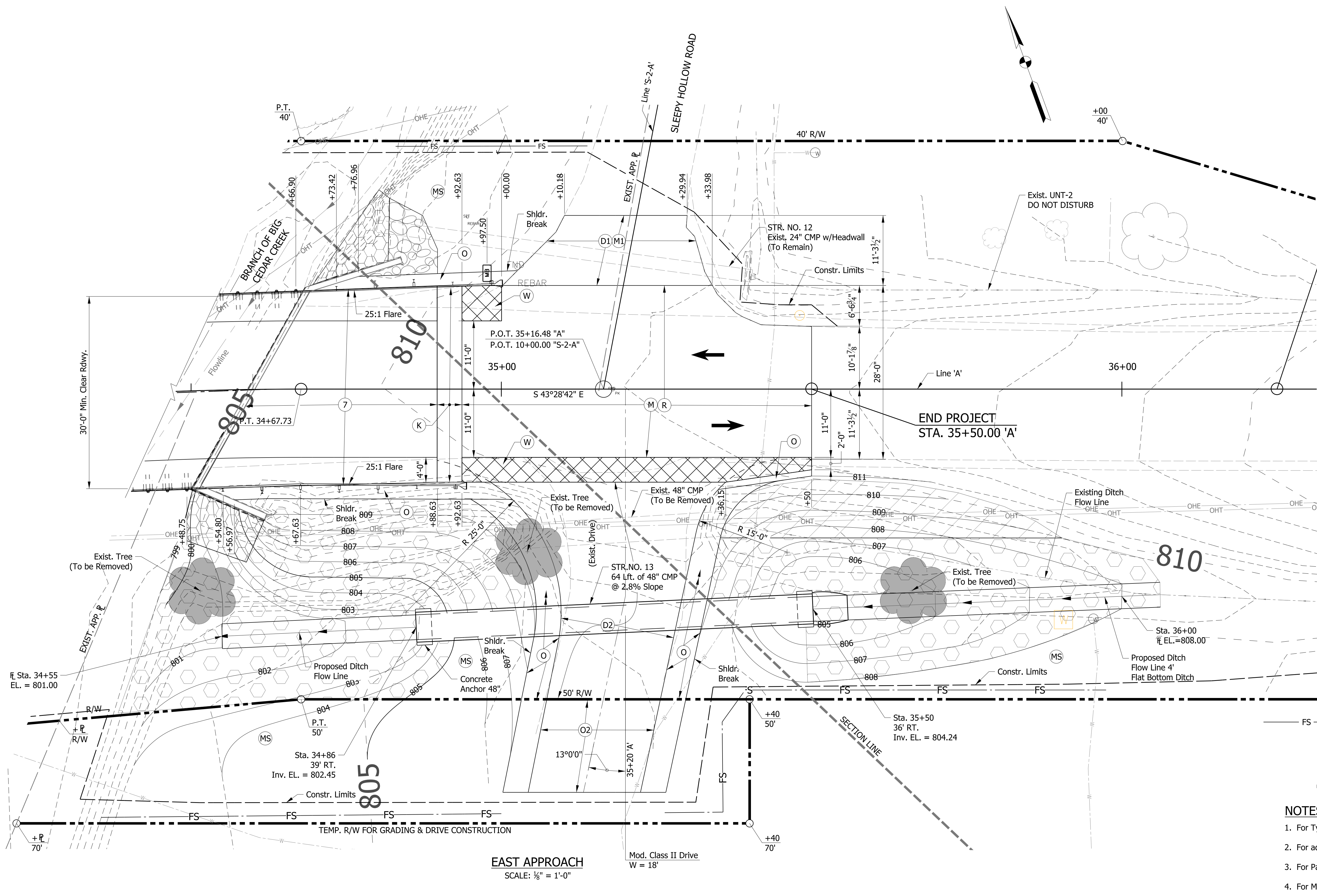
INDIANA  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	252-24-06008 D
VERTICAL SCALE	DESIGNATION
AS NOTED	1600492
SURVEY BOOK	SHEETS
	9 OF 22
CONTRACT	PROJECT
B-39400	1600492



p:\w\DCW\APP1\_bkr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3.08space\delivarables\3.08\_Bridge\DCN\SHEETS\161287\_BR\_SHT\_CD02\_EAST.dgn



**END INCIDENTAL CONSTR.**  
STA. 36+25.00 'A'

- LEGEND**
- (FP) Seed Mixture, Floodplain
  - (K) Full Depth HMA:  
165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
275#/Sys QC/QA-HMA 2, 64, Intermediate 19.0mm on  
880#/Sys QC/QA-HMA 2, 64, Base 19.0 mm on  
Dense Graded Subbase on  
Subgrade Treatment, Type ID
  - (D1) HMA for Approaches, Type B
  - (D2) HMA for Approaches, Type B:  
165#/Sys HMA Surface Type B on  
275#/Sys HMA Intermediate Type B on  
6" Compacted Aggregate No. 53, on  
Subgrade Treatment, Type II (6" Coarse Agg. No. 53)
  - (M) Milling, Asphalt 1 1/2"
  - (M1) Milling, Approach
  - (MS) Mulched Seeding, R
  - (O) Compacted Aggregate, No. 53, 10 in.
  - (O2) Compacted Aggregate, No. 53, 9 in.
  - (R) 165#/Sys QC/QA-HMA Surface 9.5mm
  - (S) No. 2 Stone
  - (W) 165#/Sys QC/QA-HMA 3, 64, Surface 9.5mm on  
Widening with HMA, Type B:  
275#/Sys HMA, Intermediate, Type B on  
660#/Sys HMA, Base, Type B on  
Subgrade Treatment, Type ID
  - (7) Reinforced Concrete Bridge Approach
  - [Cross-hatch symbol] Indicates area of Widening
  - [Stippled symbol] Indicates area of Revetment Riprap
  - [Diagonal lines symbol] Indicates area of Uniform Riprap
  - [Hexagonal symbol] Indicates area of Class 1 Riprap
  - [Square symbol] Indicates area of Class 2 Riprap
  - FS Temporary Filter Sock
  - [Solid black bar] Temporary Check Dam, Traversable
  - [Cross-hatch bar] Temporary Check Dam, Revetment Riprap
  - [Arrow symbol] Indicates Direction of Traffic Flow

- NOTES**
1. For Typical Cross Sections, see sheets 5 & 6.
  2. For additional Construction Details, see sheet 9.
  3. For Pavement Wedge Limits at Drives, see Std. Dwg. 610-DRIV-21.
  4. For Mailbox Approach & Drive, see Std. Dwg. 610-MBAP-02.

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

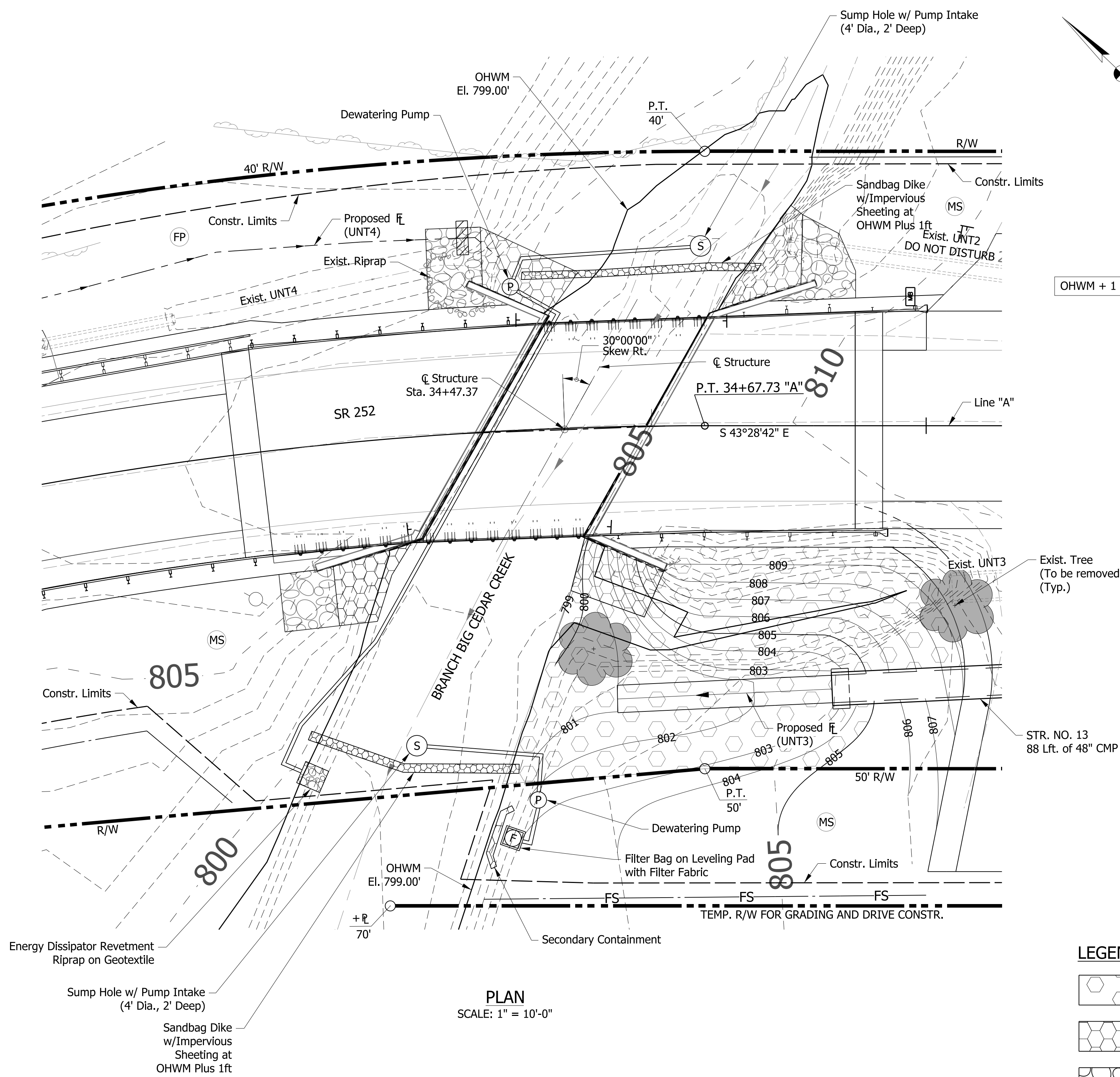
INDIANA  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**

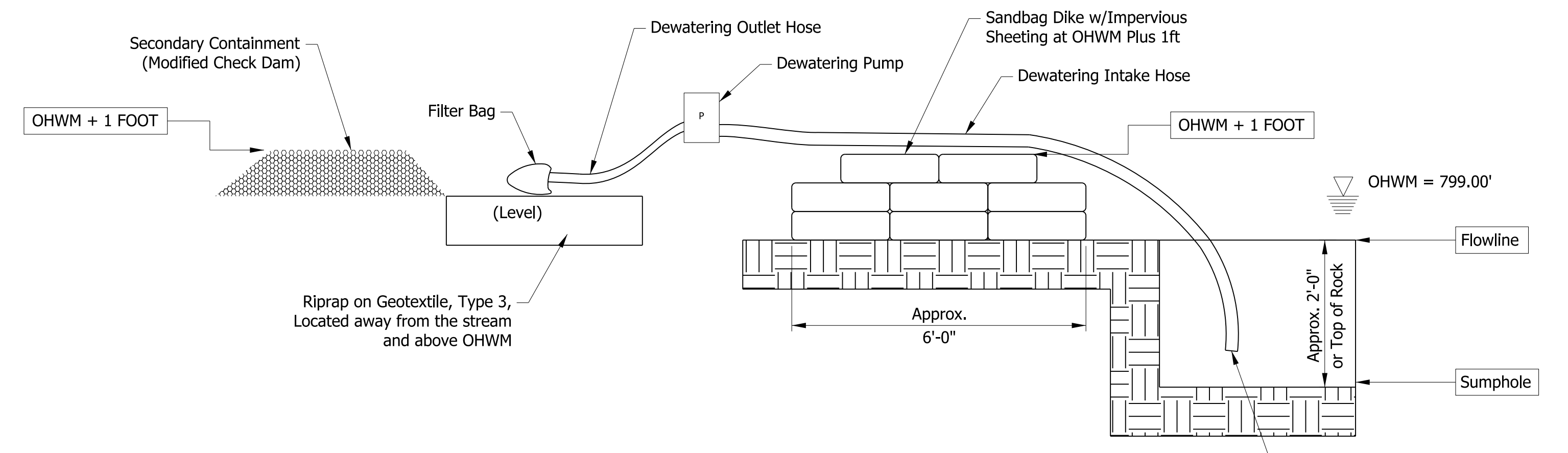
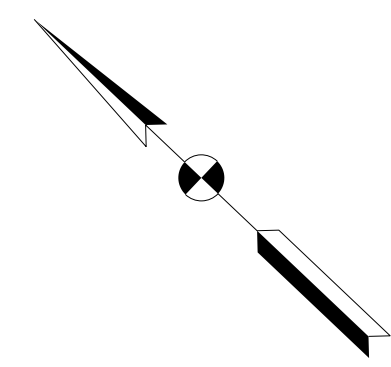
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	252-24-06008 D
VERTICAL SCALE	DESIGNATION
AS NOTED	1600492
SURVEY BOOK	SHEETS
	10 OF 22
CONTRACT	PROJECT
B-39400	1600492



p:\w\DC\WAPP1\_bkr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3.08space\deliverables\3.0\_Bridge\DCN\SHEETS\161287\_BR\_SHT\_DEWATERING.dgn

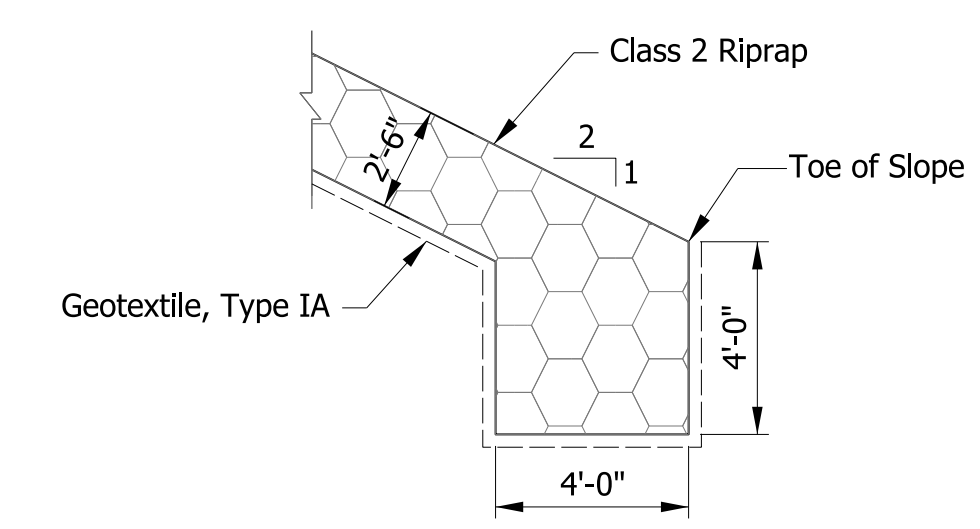


**PLAN**  
SCALE: 1" = 10'-0"



**DEWATERING / SUMP HOLE DETAIL**  
SCALE: N.T.S.

PUMPAROUND QUANTITIES		
DESCRIPTION	QUANTITY	UNIT
DEWATERING PUMPS	2	EACH
SUMP HOLE	1.4	CYS
SANDBAG COFFERDAM	178	CYS
FILTER BAG		
RIPRAP, REVETMENT	2.7	TONS
GEOTEXTILE FOR RIPRAP, TYPE 3	6	SYS
FILTER BAG, 4' X 6' Min.	1	EACH
SECONDARY CONTAINMENT	3.3	CYS



**RIPRAP KEY DETAIL**  
SCALE: N.T.S.

**LEGEND**

- Indicates limits of 24" Class 1 Riprap over Geotextiles, Type IA.
- Indicates limits of 30" Class 2 Riprap over Geotextiles, Type IA.
- Indicates limits of 18" Revetment Riprap over Geotextiles, Type IA.
- Temporary Check Dam, Revetment Riprap
- Temporary Filter Sock
- Seed Mixture, Floodplain
- Mulched Seeding, R

**NOTES:**

1. For additional details, see sheets 9, 10, 12 & 13.
2. Contractor shall field verify the location of all utilities.
3. Contractor shall abide by permit conditions in the jurisdictional waters.
4. Contractor shall minimize tree clearing, right-of-way clearing and soil disturbance.
5. Contractor shall perpetuate existing drainage.
6. Contractor shall adjust dimensions and slopes as directed by the project engineer to conform to the existing terrain and provide positive drainage.

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

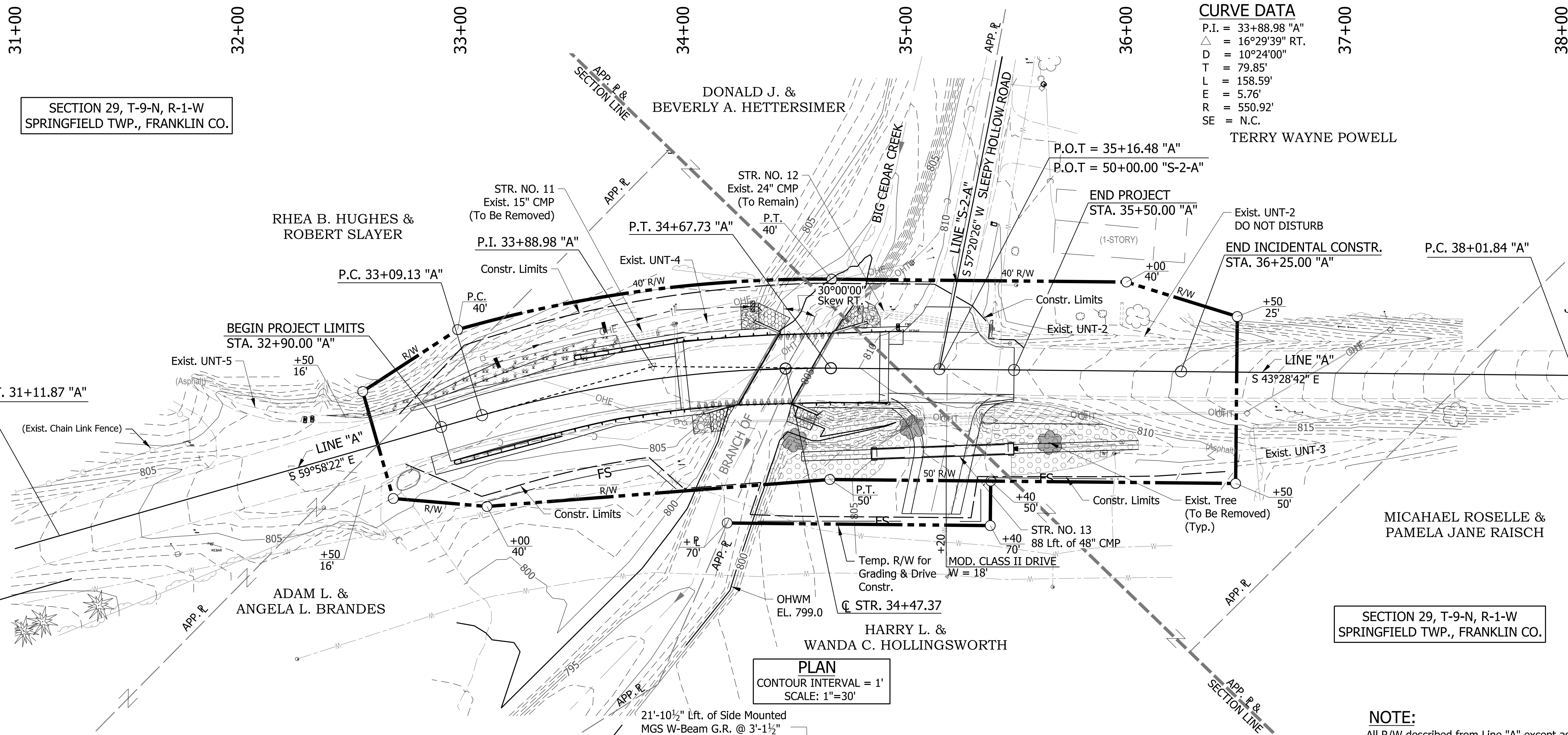
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

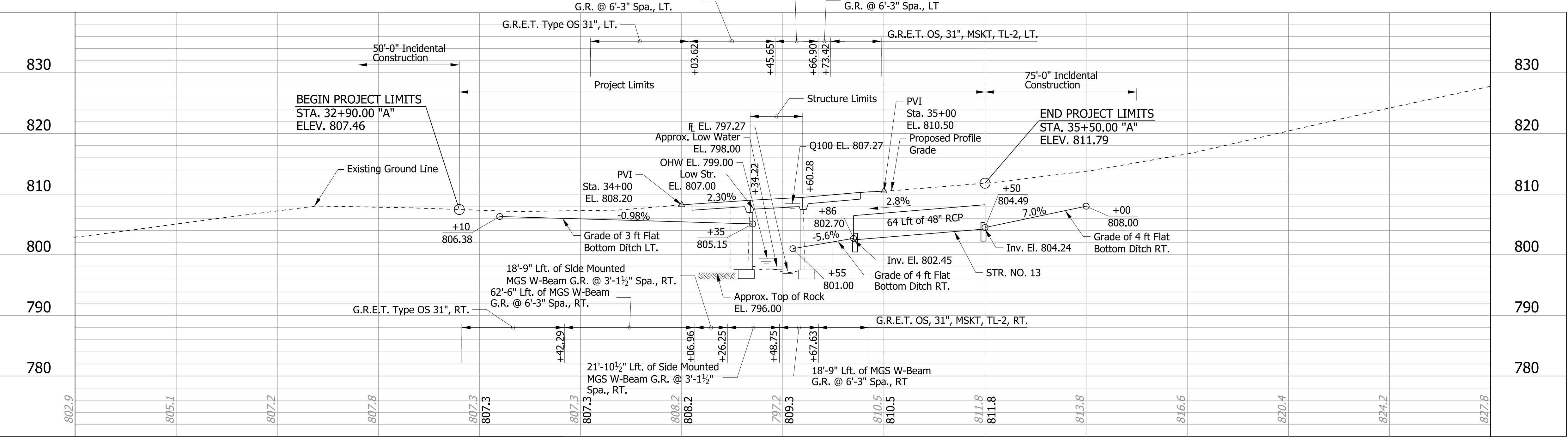
**PUMPAROUND & DEWATERING DETAIL**

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	252-24-06008 D
VERTICAL SCALE	DESIGNATION
AS NOTED	1600492
SURVEY BOOK	SHEETS
	11 OF 22
CONTRACT	PROJECT
B-39400	1600492





**PLAN**  
CONTOUR INTERVAL = 1'  
SCALE: 1"=30'

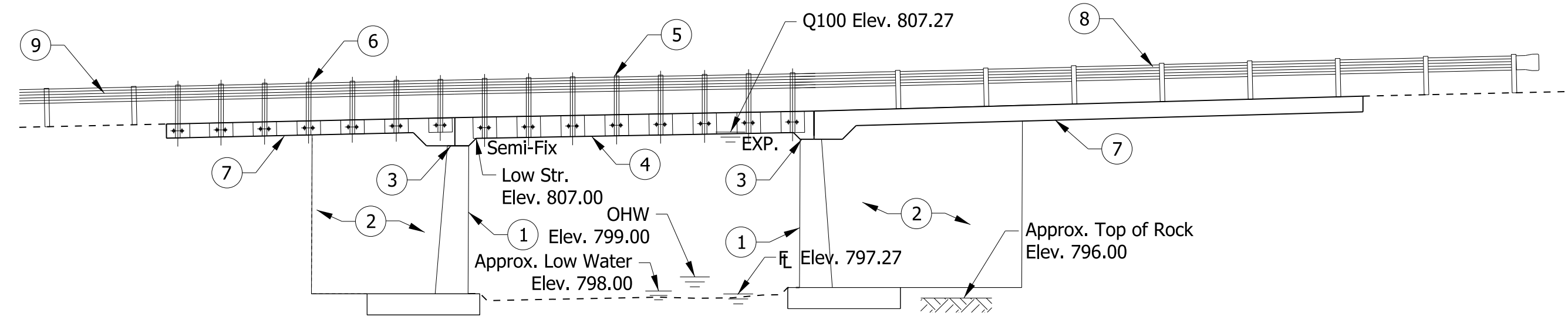


**Preliminary Plans**  
**NOT FOR CONSTRUCTION**  
REINFORCED CONCRETE SLAB BRIDGE  
1 SPAN: 25'-9"  
30'-10" CLEAR ROADWAY; SKEW 30°0'0" RT.  
SR 252 OVER BRANCH OF BIG CEDAR CREEK  
FRANKLIN COUNTY

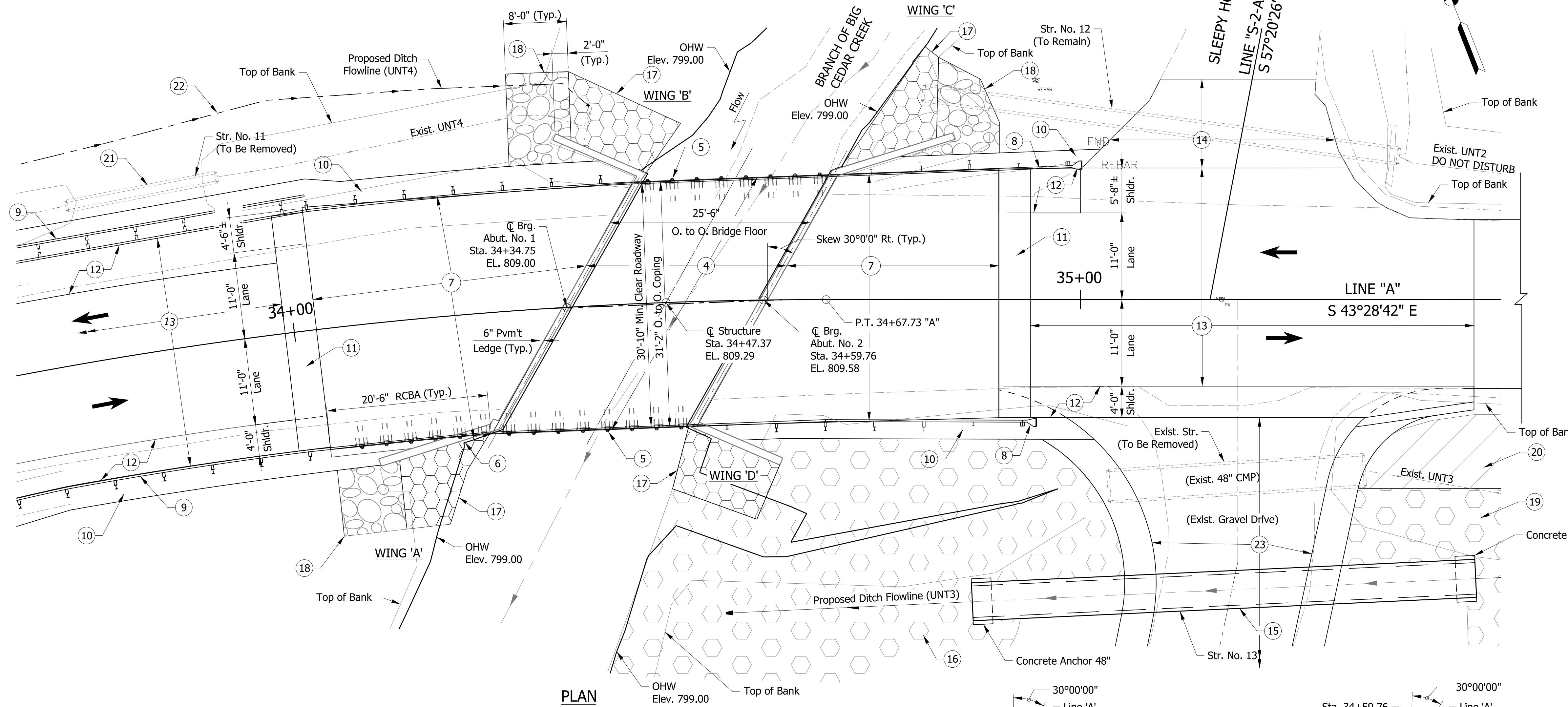
pww:/DCW/AP1/br.mbakercorp.com/pwprod/Documents/Projects/Indianapolis/Office/161287\_SR252-Seymour/OC-T04-160492/3.08space/riverables/3.8\_Bridge/DGN/SHEETS/161287\_BR\_SHT\_LAYOUT.dgn



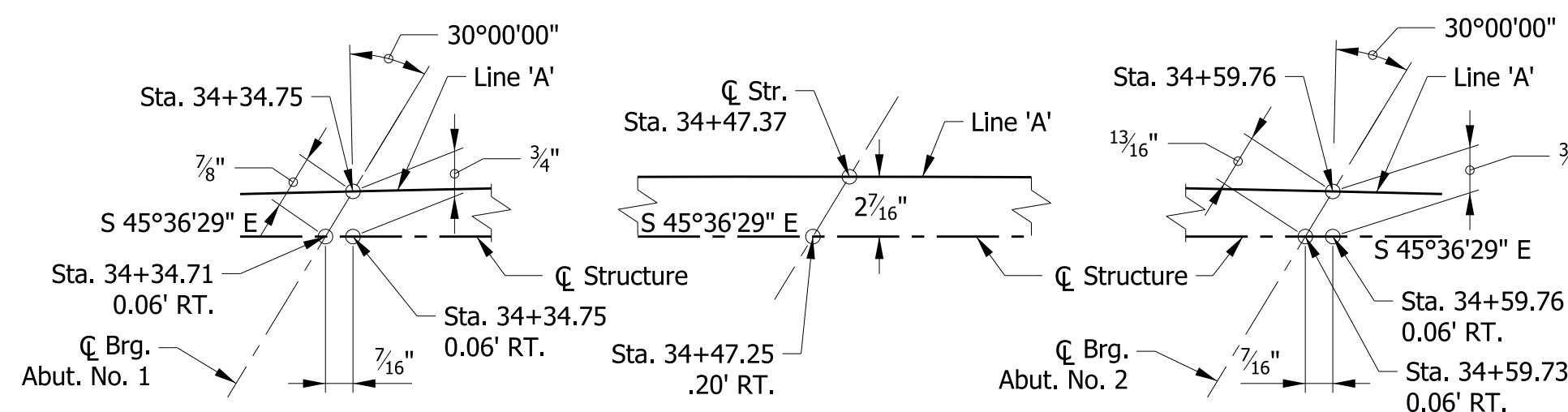
STRUCTURE BUILT ON A 2.30% GRADE



ABUT. NO. 1 SPAN 'A' ABUT. NO. 2  
ELEVATION



PLAN



TIE-UP DIAGRAM  
SCALE: NTS

LEGEND

- 1 Repair the vertical cracks in the abutment and wingwall faces with epoxy injection.
- 2 Repair wingwall spalls with concrete patching.
- 3 Remove the upper portions of the wingwalls to accommodate the new superstructure.
- 4 Construct new reinforced concrete slab superstructure.
- 5 Provide new Side-Mounted MGS W-Beam Bridge Railing.
- 6 Provide new Side-Mounted MGS W-Beam Railing.
- 7 Construct new Reinforced Concrete Bridge Approach slabs.
- 8 Provide new MGS W-Beam Guardrail and Guardrail End Treatment MSKT-SP-MGS Terminal, TL-2.
- 9 Provide a new MGS W-Beam Guardrail and End Treatment Type OS, 31".
- 10 Provide Compacted Aggregate Shoulders with Linear Grading for side slopes along new guardrail.
- 11 Provide 4' Full Depth HMA at ends of approach slabs.
- 12 Widen shoulders to face of rail.
- 13 Provide 1/2" Asphalt Milling and HMA Resurface.
- 14 Provide Approach Milling and HMA Resurface at the intersection of Sleep Hollow Road.
- 15 Remove existing 48" CMP and replace with 64' of new 48" Pipe, Type 3 and backfill around pipe with Structure Backfill Type 1.
- 16 Provide Class 1 Riprap apron at end of new 48" Pipe Type 3.
- 17 Provide 2'-6" Class 2 Riprap on Geotextile, Type IA for embankment protection.
- 18 Place 18" Revetment Riprap on Geotextile, Type IA around the ends of the wingwalls for Erosion Protection.
- 19 Provide 24" Class 1 Riprap on Geotextiles, Type IA for ditch reconstruction.
- 20 Place 9' of 18" Uniform Riprap with Geotextile, Type IA on roadside slope.
- 21 Remove existing pipe.
- 22 Cut new 3' flat bottom ditch in northwest quadrant and place Seed Mixture, Floodplain.
- 23 Construct Modified Class II Drive; W= 18', L= 50'

LEGEND

- ← Indicates Direction of Traffic Flow
- Indicates area of Revetment Riprap
- Indicates area of Uniform Riprap
- Indicates area of Class 1 Riprap
- Indicates area of Class 2 Riprap

NOTES

1. For bridge typical sections & General Notes and Design Data, see sheet 14.
2. For additional details, see sheets 9 & 10.

REINFORCED CONCRETE SLAB BRIDGE  
1 SPAN: 25'-9"  
30'-10" CLEAR ROADWAY; SKEW 30°0'0" RT.  
SR 252 OVER BRANCH OF BIG CEDAR CREEK  
FRANKLIN COUNTY

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

INDIANA DEPARTMENT OF TRANSPORTATION	
GENERAL PLAN & ELEVATION	

HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'-0"	252-24-06008 D
VERTICAL SCALE	DESIGNATION
1/8" = 1'-0"	1600492
SURVEY BOOK	SHEETS
	13 OF 22
CONTRACT	PROJECT
B-39400	1600492

pww://DCW/APP1\_bkr.mbakercorp.com/pwprod/Documents/Projects/IndianapolisOffice/161287\_SR252-SeymourOC-T04-1600492/3.08space/deliverables/3.0\_Bridge/DCN/SHEETS/161287\_BR\_SHT\_GPP.dgn



**GENERAL NOTES**

Reinforcing steel cover shall be 2½" in top and 1" minimum in bottom of floor slab, and 2" in all other parts, unless noted.

All exposed faces and tops of abutment and wingwalls, face of coping and underside of the deck slab from the face of coping to the drip bead, and bridge approaches to be surface sealed.

Existing bridge elevations shall be checked by the contractor to ensure proper fit of new concrete to existing concrete.

Contractor shall check all dimensions and conditions in the field and report any discrepancies to the engineer and assume responsibility for their correctness and the fit of the new part to the old.

**DESIGN DATA**

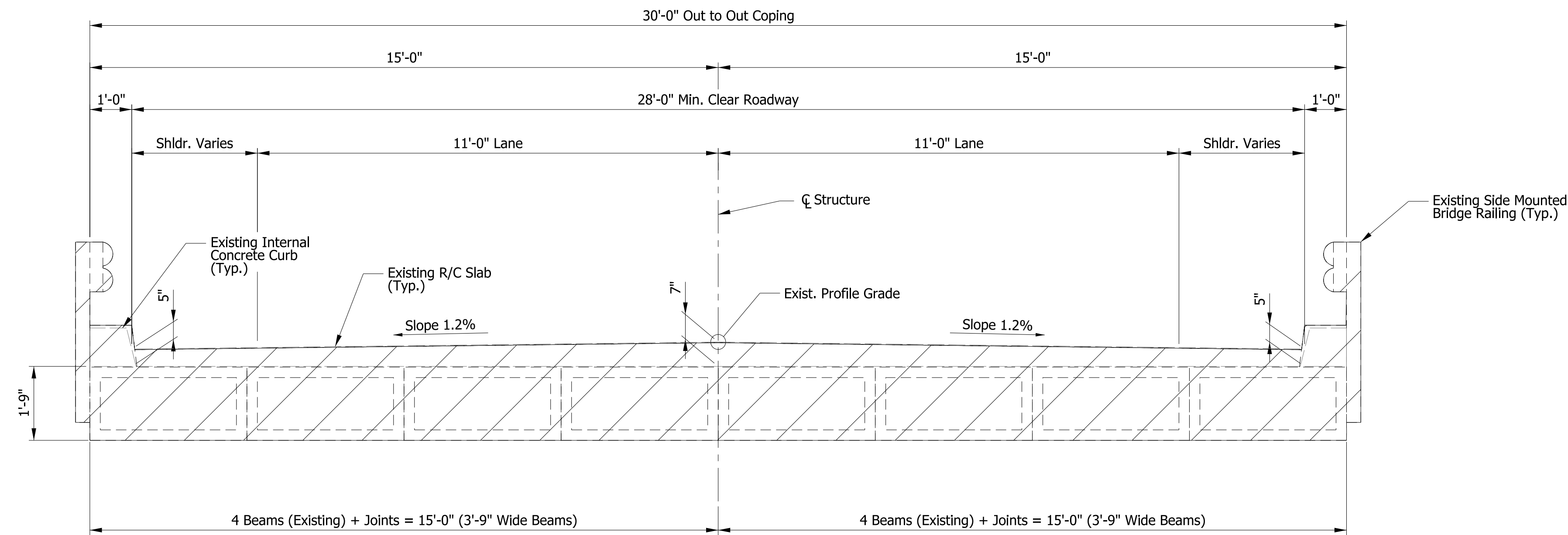
Original designed for HS-20 loading, in accordance with AASHTO Standard Specifications, 8th edition, 1961 and subsequent interims.

Bridge superstructure designed for HL-93 loading, in accordance with AASHTO LRFD Bridge Design Specifications, 8th edition, 2017 and subsequent interims.

Dead Load designed for actual weight plus 35 lb/ft<sup>2</sup> composite load for future wearing surface.

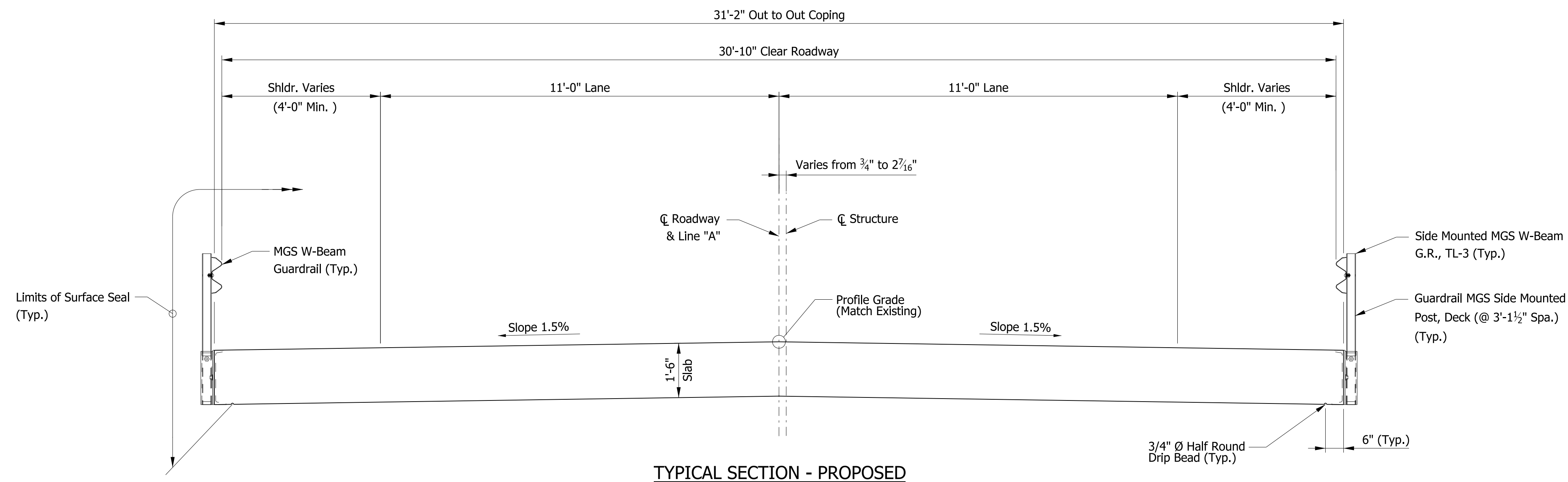
**Unit stresses:**

Class "C" concrete:	F <sub>c</sub> = 4,000 psi
Class "A" concrete:	F <sub>c</sub> = 3,500 psi
Reinforcing steel:	F <sub>y</sub> = 60,000 psi
	F <sub>y</sub> = 40,000 psi (original)



**TYPICAL SECTION - EXISTING**

Indicates portions of structure to be removed



**TYPICAL SECTION - PROPOSED**

**REINFORCED CONCRETE SLAB BRIDGE**  
**1 SPAN: 25'-9"**  
**30'-10" CLEAR ROADWAY; SKEW 30°0'0" RT.**  
**SR 252 OVER BRANCH OF BIG CEDAR CREEK**  
**FRANKLIN COUNTY**

pww://DCW/AP01\_bkr-mbakercorp.com:ppwprod/Documents/Projects/IndianapolisOffice/161287\_SR252-SeymourOC-T04-1600492/3.08space:deliverables/3.0\_Bridge/DGN/SHEETS/161287\_BR\_SHT\_TYP.dgn

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: CMB	DRAWN: SWB	
CHECKED: JPD	CHECKED: CMB	

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>GENERAL PLAN - TYPICAL SECTIONS</b>	

HORIZONTAL SCALE ½" = 1'-0"	BRIDGE FILE 252-24-06008 D
VERTICAL SCALE ½" = 1'-0"	DESIGNATION 1600492
SURVEY BOOK -	SHEETS 14 OF 22
CONTRACT B-39400	PROJECT 1600492



## SUMMARY OF BRIDGE QUANTITIES

ITEM	CONCRETE		CONCRETE RAILING CLASS FC	AGGREGATE FOR END BENT BACKFILL	REINF. BARS, EPOXY COATED	TIE-BAR ASSY. EPOXY COATED	BARRIER DELINEATORS	CONC. BRIDGE RAIL TRANSITION TFC	REINF. CONC. BRIDGE APPROACH 12"	PATCHING CONCRETE STRUCTURES	EPOXY INJECTION, CRACK PREPARATION	EPOXY INJECTION, EPOXY MATERIAL	SURFACE SEAL **
	CLASS C SUPERSTR	CLASS C SUBSTR											
	CYS	CYS	CYS	EACH	LBS	EACH	EACH	EACH	SYS	SFT	LFT	GAL	SFT
SUPERSTRUCTURE	47.7				27768	34							2900
R.C. BRIDGE APPROACH AT BENT NO. 1									108				
R.C. BRIDGE APPROACH AT BENT NO. 2									104				
SUBSTRUCTURE									200	200	3		
<b>TOTAL</b>	<b>47.7</b>				<b>27768</b>	<b>34</b>			<b>212</b>	<b>200</b>	<b>3</b>		<b>2900</b>

\*\* Estimated quantity

## STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					DESCRIPTION	LENGTH	SKEW	COVER		FLOW LINE		SUMP DEPTH	SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	REVETMENT RIPRAP	CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	CULVERT ASSET ID	REMARKS							
	STATION	LEFT	RIGHT	CROSS	OFFSET				SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LFT												FT	FT	ELEV.	ELEV.	IN.	YRS				EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.
	FT	IN.	FT	FT	ELEV.				ELEV.	IN.	YRS	EA.												TYPE	SLOPE	EA.													
11	33+84 "A"	X				15	CMP	20												20											EXIST. PIPE TO BE REMOVED								
12	35+10 "A"	X				24	CMP W/HEADWALL	60																						EXIST. PIPE TO REMAIN									
13	35+20 "A"			X		48	3	64	1		804.24	802.45	3.00	50	9	2	28			64										2 CONC. ANCHORS REQ'D EXIST. PIPE TO BE REMOVED									
TOTALS						3		64									28																						

### REVISIONS

DATE	ITEM

Preliminary Plans  
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: JPD	DRAWN: JLR
CHECKED: CMB	CHECKED: JPD

INDIANA  
DEPARTMENT OF TRANSPORTATION

BRIDGE SUMMARY OF QUANTITIES

HORIZONTAL SCALE	BRIDGE FILE
N/A	252-24-06008 D
VERTICAL SCALE	DESIGNATION
N/A	1600492
SURVEY BOOK	SHEETS
.	15 of 22
CONTRACT	PROJECT
B-39400	1600492

## PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION	CLEAR ZONE AT DRIVE	HMA FOR APPROACHES			HMA FOR ROADS			WIDENING WITH HMA, TYPE B	BORROW	ASPHALT MATERIAL FOR		COMPACTED AGGREGATE NO. 53		LINEAR GRADING	SUBGRADE TREATMENT, TYPE ID	SUBBASE FOR PCCP	MILLING, ASPHALT, 1 1/2 IN.	MILLING, APPROACH	JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	LIQUID ASPHALT SEALANT	REMARKS
			SURFACE, TYPE B	INTERMEDIATE	BASE	3, 64, SURFACE, 9.5 MM	2, 64, INTERMEDIATE, 19.0 mm	2, 64, BASE, 25.0 mm			PRIME COAT	TACK COAT											
													LBS PER SYD										
			FT	165 TONS	275 TONS	TONS	165 TONS	275 TONS			880 TONS	TONS	CYS	SYS									
32+90.00 to 33+98.83	MAINLINE						20				482												
33+98.83 to 34+02.83	MAINLINE						2				28												
32+90 to 33+98.83	LEFT SHOULDER						4						56								109	4	109
32+90 to 33+98.83	RIGHT SHOULDER						5						46								109	109	109
32+79.13 to 34+44.36	WEST APPROACH														166								
34+02.83 to 34+34.75	WEST RCBA																						
34+59.76 to 34+88.63	EAST RCBA																						
34+92.63 to 35+50.00	MAINLINE						14				322												
34+88.63 to 34+92.63	MAINLINE						2				30												
34+92.63 to 35+00.00	LEFT SHOULDER						1						8								8	4	8
34+92.63 to 35+50.00	RIGHT SHOULDER						3						16								8	8	8
34+52.11 to 35+02.59	EAST APPROACH																				58	58	58
35+00 to 35+36.15	RIGHT DRIVE		10	17											51								
LINE "S-2-A"	SLEEPY HOLLOW ROAD		3																				
TOTALS				13	17		51	5	14	72		862	16	152	20	267	228	53	402	33	459	292	459

MONUMENT TABLE		
STATION	OFFSET	MONUMENT
96+50	0.00'	TYPE B
102+55	0.00'	TYPE B

MAILBOX APPROACHES					
LT./RT.	C BOX STATION	DESCRIPTION	WIDTH, W (FT)	ASSEMBLY REQ'D	
				SINGLE	DOUBLE
LT	34+97.50	REMOVE & RESET		1	
TOTAL				1	

## GUARDRAIL SUMMARY TABLE

LOCATION		GUARDRAIL, MGS W-BEAM, LENGTH										CURVED W-BEAM GUARDRAIL							
FROM STATION	TO STATION	LEFT	RIGHT	STANDARD POST AT 6 FT 3 IN. SPA.	STANDARD POST AT 3 FT 1.5 IN. SPA.	DOUBLE FACED AT 6 FT 3 IN. SPA.	DOUBLE FACED AT 3 FT 1.5 IN. SPA.	SHOP CURVED AT FT. SPA.	NESTING GUARDRAIL	GUARDRAIL FLARE RATE	GUARDRAIL TRANSITION, TYPE TGB	GUARDRAIL MGS TRANSITION WITHOUT CURB	GUARDRAIL END TREATMENT TYPE 05, 31 IN.	GUARDRAIL END TREATMENT OS (31, WSKT TL-2, LD)	GUARDRAIL MGS SIDE-MOUNTED POST, DECK	TERMINAL SYSTEM		CONNECTOR SYSTEM	
				LFT	LFT	LFT	LFT	LFT	EACH		EACH	EACH	EACH	EACH	9	EACH	TYPE	EACH	
34+03.62	34+45.65	X		43.75									1						
34+45.65	34+66.90	X			21.88														
34+66.90	34+73.42	X		6.25										1					
33+42.29	34+06.96		X																
34+06.96	34+26.25		X	62.50									1						
34+26.25	34+48.75		X		21.88														
34+48.75	34+67.63		X	18.75	18.75									1					
34+34.22	34+60.28	X													8				
34+34.22	34+60.28		X											14					
TOTALS				132	63								2	2	22				

## SHEET SIGN & POST SUMMARY

SIGN										POST										
PLAN SHEET NO. / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	GROUND - MOUNTED SIGN AREA (ft²)			MOUNTED ON PANEL SIGN, AREA (ft²)	U CHANNEL				SQUARE								
				0.080"	0.100"	0.125"		0.080"	POST LENGTH		2" X 2" - 12 GA. (TYPE 2)		2 1/4" X 2 1/4" - 12 GA. (TYPE 1)							
									1	2	TYPE "A"	TYPE "B"	REINFORCED ANCHOR	REINFORCED ANCHOR						
				POST LENGTH (FT.)		POST LENGTH (FT.)		POST LENGTH (FT.)		POST LENGTH (FT.)										
Line "A"	37+00 LT.	W1-2(L)	30 x 30	6.25																
Line "A"	37+00 LT.	W13-1P "35 mph	18 x 18	2.25																
				8.50																13.0

DATE	REVISION

Preliminary Plans

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL \_\_\_\_\_

DESIGNED: \_\_\_\_\_ CMB

CHECKED: \_\_\_\_\_ JPD

DESIGN ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

DRAWN: \_\_\_\_\_ SWB

CHECKED: \_\_\_\_\_ CMB

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY SHEET

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	252-24-06008 D
	DESIGNATION
	1600492
SURVEY BOOK	SHEETS
	16 OF 22
CONTRACT	PROJECT
B-39400	1600492

p:\w\DCW\APP1\_bkr\m\bakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3.08space\del\variables\3.0\_Bridge\DCN\SHEETS\161287\_SHT\_RD\_SUM.dgn



## PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE

LOCATION		RIPRAP DITCH					SODDING										REMARKS		
FROM STATION	TO STATION	LEFT	CROSS	RIGHT	RIPRAP CLASS 1	RIPRAP CLASS 2	RIPRAP REVETMENT	RIPRAP UNIFORM	GEOTEXTILES FOR RIPRAP TYPE 1A	FOR RIPRAP TURNOUTS	FOR DITCHES	FOR MEDIAN	FOR SHOULDER BREAK	SODDING AT BRIDGE CONE	TOTAL SODDING	WATER		SEED MIXTURE FLOODPLAIN	MULCHED SEEDING, R
					TONS	TONS	TONS	TONS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS		SYS	KGAL
Wing 'A'				X	18	12			28										
Wing 'B'		X			21	10			35										
Wing 'C'		X			20	8			19										
Wing 'D'				X	21				10										
34+55	34+86			X	187				134										
35+50	36+00			X	134		33	231											
NW Quadrant		X															315		~within construction limits
SW Quadrant				X														215	~within construction limits
NE Quadrant		X																50	~within construction limits
SE Quadrant				X														300	~within construction limits
<b>TOTALS</b>					321	80	30	33	457								315	565	

## PAVEMENT MARKINGS SUMMARY TABLE

LOCATION	LINE PAINT		LINE PAINT				TRANSVERSE MARKINGS MULTI-COMPONENT STOP LINE		TRANSVERSE MARKINGS CROSSHATCH LINE		TRANSVERSE MARKINGS CROSSWALK LINE		SNOWFLOWABLE RAISED PAVEMENT MARKERS
	SOLID WHITE 4 IN.	SOLID YELLOW 4 IN.	BROKEN WHITE 4 IN.	BROKEN YELLOW 4 IN.	BROKEN WHITE 8 IN.	BROKEN YELLOW 8 IN.	SOLID WHITE 12 IN.	SOLID WHITE 24 IN.	SOLID YELLOW 12 IN.	SOLID YELLOW 24 IN.	SOLID WHITE 4 IN.	SOLID WHITE 8 IN.	
	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	
32+90.00 to 35+50.00	540	480.00											
<b>TOTALS</b>	540	480.0										EACH	

## TEMPORARY EROSION CONTROL TABLE

FROM STATION	TO STATION	LOCATION		FILTER SOCK	TEMPORARY CHECK DAM, TRAVERSIBLE	TEMPORARY CHECK DAM, REVETMENT RIPRAP	REMARKS
		LEFT	RIGHT				
32+99	34+01		X	102			
34+30	35+00		X	70			
35+26	35+98		X	93			~21 ft of filter sock placed north-south
33+22			X		5		
33+70			X		5		
34+34			X			2	
<b>TOTALS</b>				265	10	2	

## PIPE MATERIAL TABLE

INT. DES.	STRUCTURE NUMBER		
	PIPE TYPE / SHAPE (CIR or DEF)	13	
CONC.	SMOOTH PIPE SIZE	48 in	
	CORRUGATED PIPE SIZE	48 in	
PLASTIC PIPE	SEMI-SMOOTH PIPE SIZE	48 in	
	CLASS	II	
	D <sub>nom</sub> RATING	1000	
	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)		
COR. ALUM. PIPE	CORRUGATED PE PIPE, TYPE S (S)*		
	PROFILE WALL (RIBBED) PE PIPE (S)*		
	PROFILE WALL (CLOSED) PE PIPE (S)*		
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR		
	SMOOTH WALL PVC PIPE (S)*		
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)		
	CORRUGATED ALUM. ALLOY W/ BPI (C)	CORR. PROFILE	2 2/3"x 1/2"
		THICKNESS	0.105
		CORR. PROFILE	3"x 1"
THICKNESS		0.06	
CORRUGATED STEEL PIPE	ZINC COATED (C)	CORR. PROFILE	2 2/3"x 1/2"
		THICKNESS	0.064
		RIB PROFILE	3"x 1"
	ZINC COATED W/ BPI (C)	CORR. PROFILE	2 2/3"x 1/2"
		THICKNESS	0.109
		RIB PROFILE	3"x 1"
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE	2 2/3"x 1/2"
		THICKNESS	0.064
		RIB PROFILE	3"x 1"
	POLYMER PRECOATED GALVANIZED (S)	CORR. PROFILE	2 2/3"x 1/2"
		THICKNESS	0.064
		RIB PROFILE	3"x 1"

## LEGEND

### PIPE MATERIAL

RCP	Reinforced Concrete Pipe
RCHEP	Reinforced Concrete Horizontal Elliptical
PE	Polyethylene
DR	Dimension Ratio
PVC	Polyvinyl Chloride
PP	Polypropylene
CORR	Corrugation
ALUM	Aluminum
STR	Structural
(LS)	Lock Seam Pipe Required

### PIPE PROTECTION

BPI	Bituminous Paved Invert
CFP	Concrete Field Paving
BIT	Bituminous

### SHAPE

CIR	Circular Pipe
DEF	Deformed Pipe

### INTERIOR DESIGNATION

(S)	Smooth Pipe Material
(C)	Corrugated Pipe Material
(SS)	Semi-Smooth Pipe Material

### PIPE SIZE

Circular pipe is shown as diameter in inches  
Deformed pipe is shown as area in square feet

\* Refer to Standard Drawings 715-PHCL-20 through -22 for nominal diameter appropriate for pay item diameter.

\*\* Tabulated thickness refers to top and side plates. For pipes and pipe-arches with a thickness less than .280 in., bottom plates shall be of next greater available thickness.

p:\w\DCW\APP1\_bkr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3.08space\del\verables\3.8\_Bridge\DCN\SHETS\161287\_SHIT\_RD\_SUM02.dgn

DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

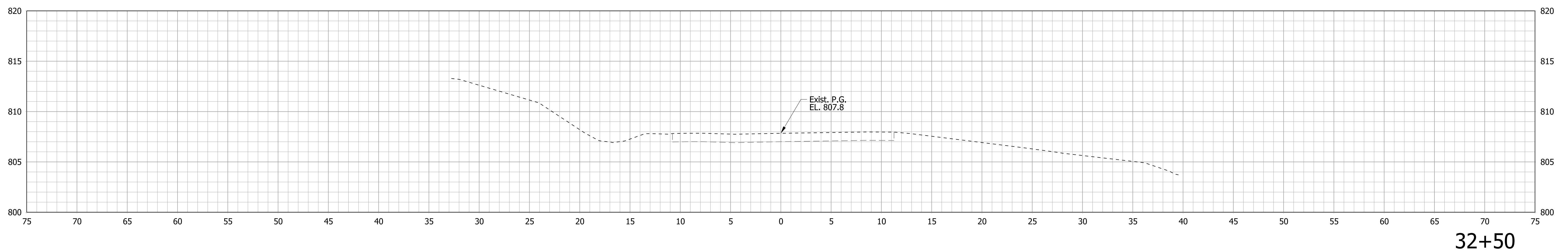
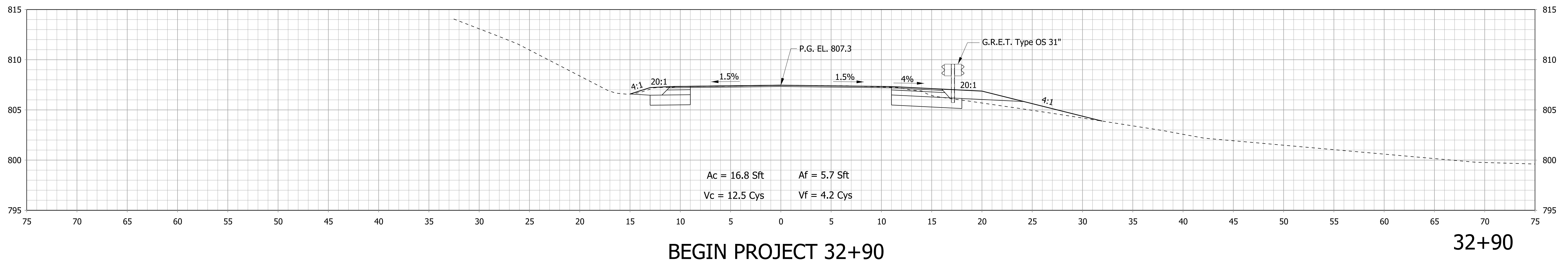
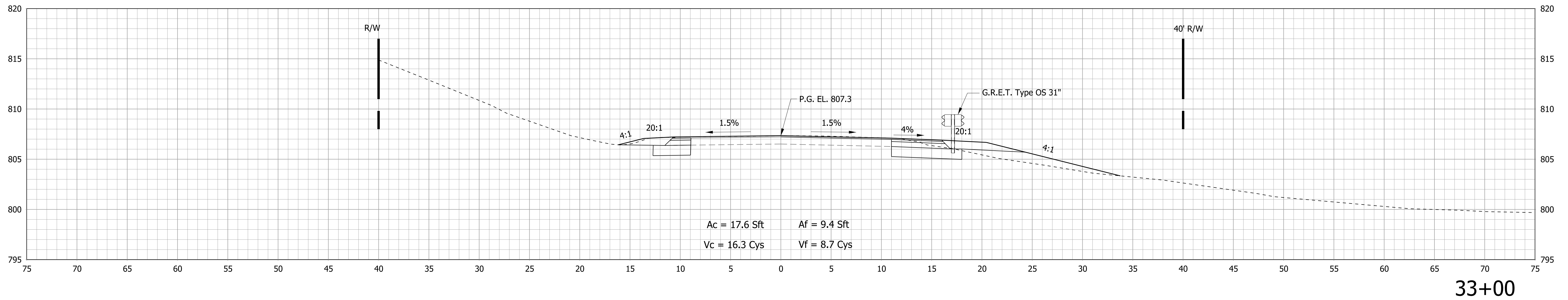
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ CMB	DRAWN: _____ SWB	
CHECKED: _____ JPD	CHECKED: _____ CMB	

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROAD SUMMARY SHEET

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	252-24-06008 D
	DESIGNATION
	1600492
SURVEY BOOK	SHEETS
	17 OF 22
CONTRACT	PROJECT
B-39400	1600492

p:\w\DCW\APP1\_bkr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-TO4-1600492\3.08space\deliverables\3.08\_Bridge\DCW\SHEETS\161287\_BR\_SHT\_XS\_01.dgn



DATE	REVISION

Preliminary Plans

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

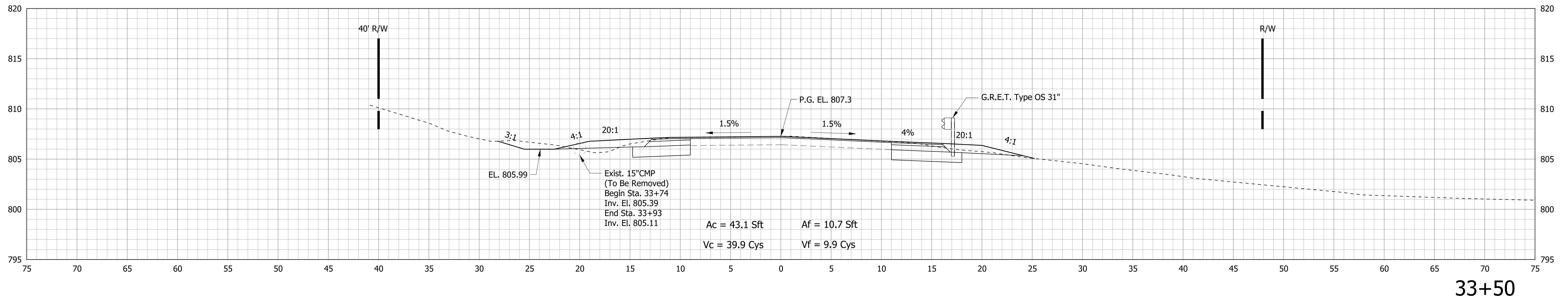
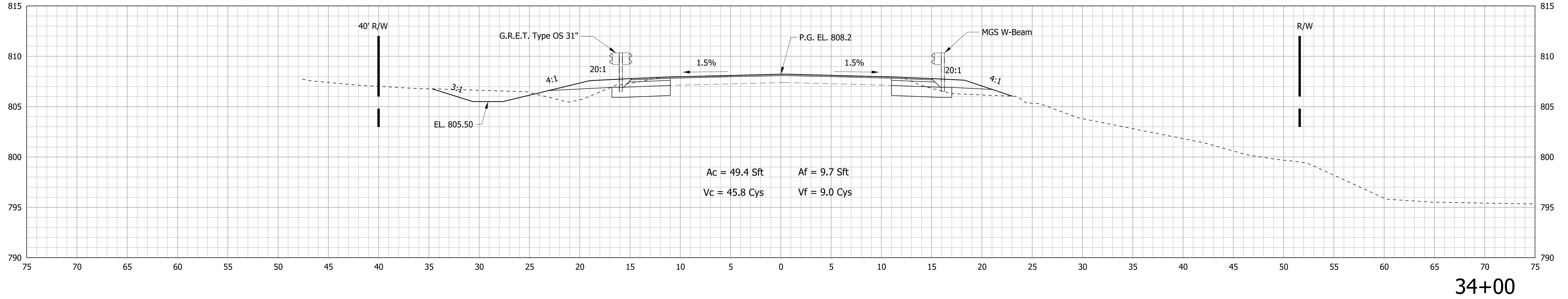
INDIANA  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	252-24-06008 D
VERTICAL SCALE	DESIGNATION
1" = 5'	1600492
SURVEY BOOK	SHEETS
	18 OF 22
CONTRACT	PROJECT
B-39400	1600492



**BEGIN STRUCTURE  
STA. 34+34.22  
BEGIN PAVING EXCEPTION  
STA. 34+02.83**



p:\w\DCW\APP1\_lbr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3.08space\deliverables\3.8\_Bridge\DCN\SHEETS\161287\_BR\_SHT\_XS\_02.dgn

DATE	REVISION

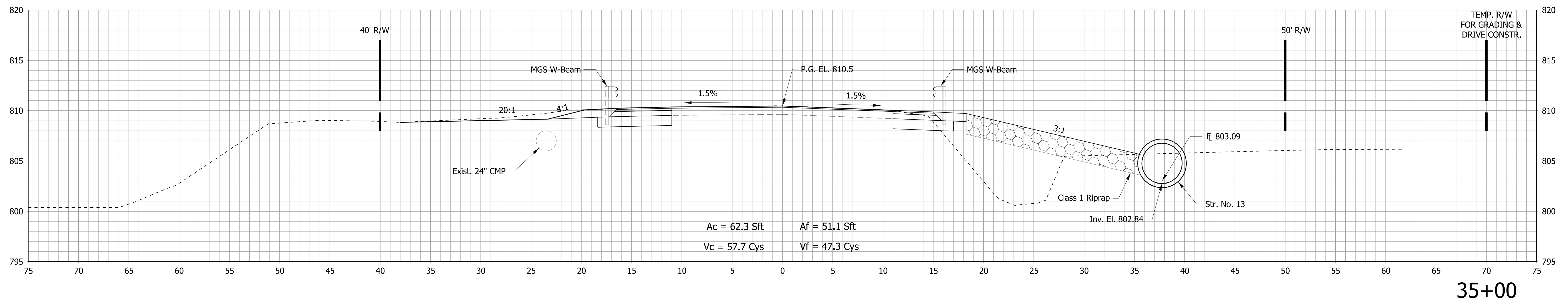
**Preliminary Plans  
NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

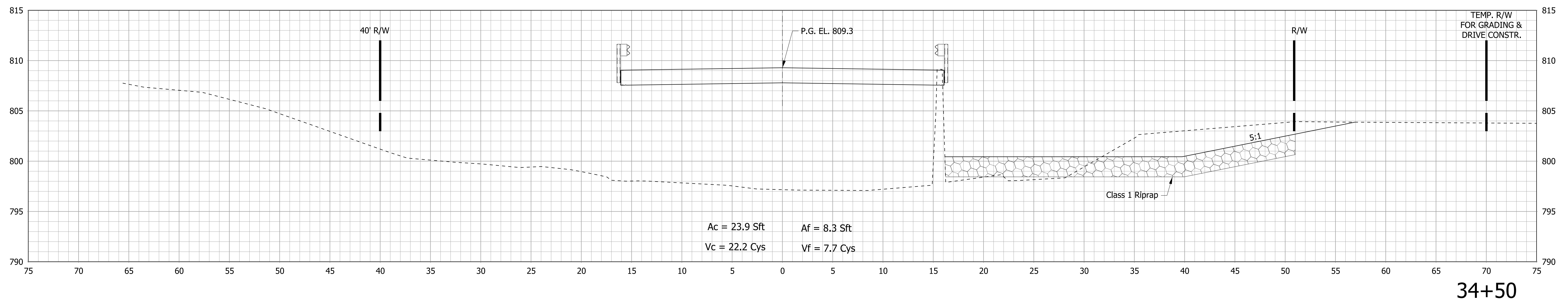
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE 252-24-06008 D
VERTICAL SCALE 1" = 5'	DESIGNATION 1600492
SURVEY BOOK 	SHEETS 19 OF 22
CONTRACT B-39400	PROJECT 1600492



END PAVING EXCEPTION  
STA. 34+88.63  
END STRUCTURE  
STA. 34+60.28



p:\w\DCW\APP1\_lbr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-TO4-1600492\3.08space\del\variables\3.0\_Bridge\DCW\SHEETS\161287\_BR\_SHT\_XS\_03.dgn

DATE	REVISION

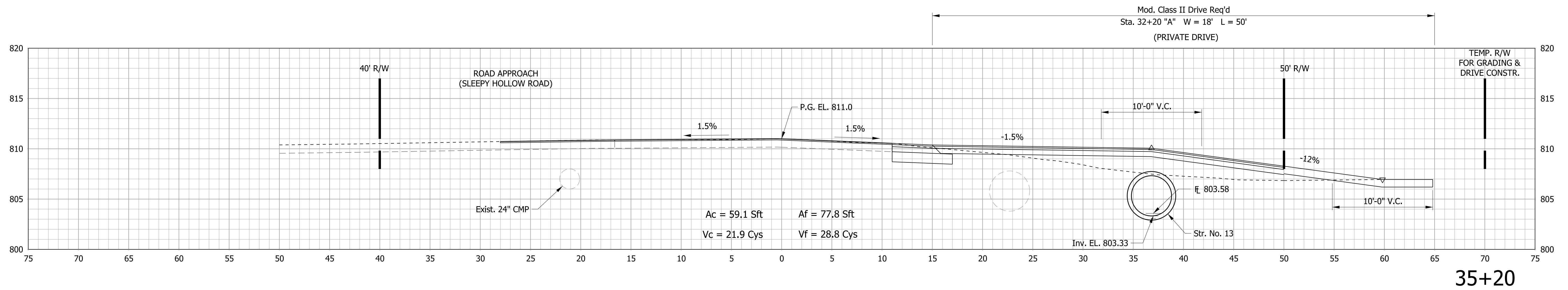
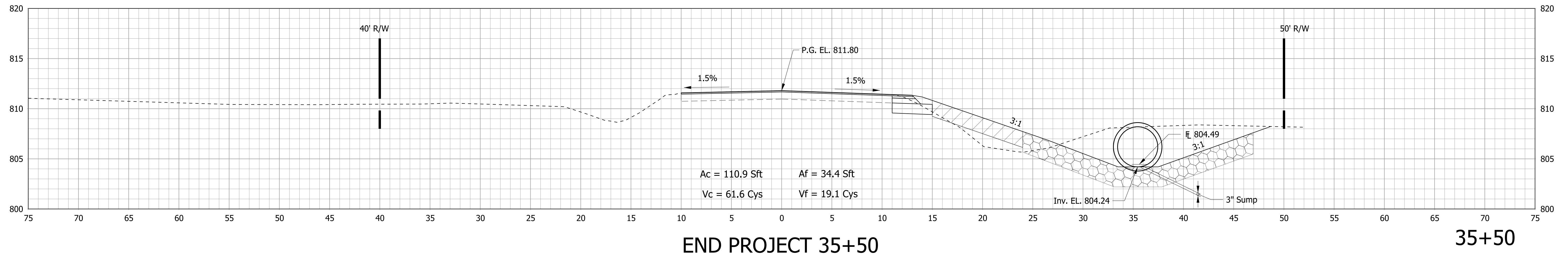
**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

INDIANA DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE 252-24-06008 D
VERTICAL SCALE 1" = 5'	DESIGNATION 1600492
SURVEY BOOK	SHEETS
CONTRACT B-39400	20 OF 22 PROJECT 1600492





p:\w\DCW\APP1\_bkr\m\baikercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-T04-1600492\3.08space\deliverables\3.8\_Bridge\DCN\SHEETS\161287\_BR\_SHT\_XS\_04.dgn

DATE	REVISION

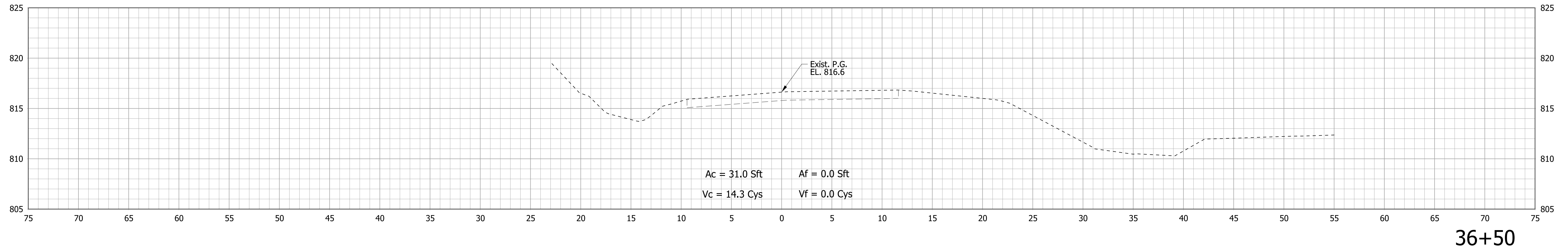
**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

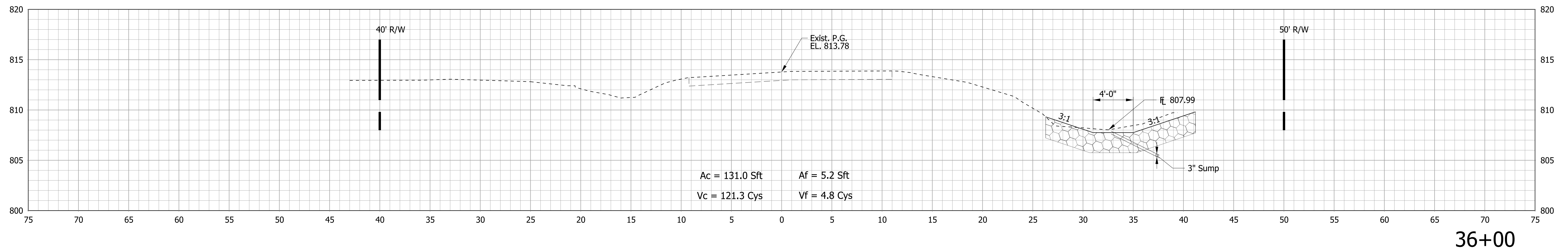
INDIANA DEPARTMENT OF TRANSPORTATION	
<b>CROSS SECTIONS</b>	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE 252-24-06008 D
VERTICAL SCALE 1" = 5'	DESIGNATION 1600492
SURVEY BOOK	SHEETS
CONTRACT B-39400	21 OF 22 PROJECT 1600492

p:\DC\WAPP1\_bkr.mbakercorp.com\p\prod\Documents\Projects\Indianapolis\Office\161287\_SR252-Seymour\OC-TO4-1600492\3.08space\deliverables\3.8\_Bridge\DCN\SHEETS\161287\_BR\_SHT\_XS\_05.dgn



**END INCIDENTAL CONSTR. 36+25**



DATE	REVISION

**Preliminary Plans**  
**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: CMB	DRAWN: JLR	
CHECKED: JPD	CHECKED: CMB	

INDIANA DEPARTMENT OF TRANSPORTATION
<b>CROSS SECTIONS</b>

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE 252-24-06008 D
VERTICAL SCALE 1" = 5'	DESIGNATION 1600492
SURVEY BOOK -	SHEETS 22 OF 22
CONTRACT B-39400	PROJECT 1600492