

PROJECT	DESIGNATION
18-4002	N/A
CONTRACT	
N/A	

CITY OF BLOOMINGTON PLANNING AND TRANSPORTATION

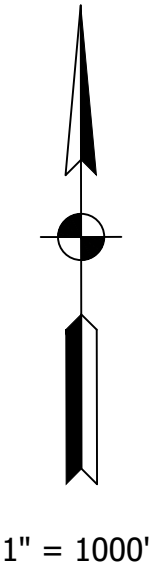
ROAD PLANS

DESIGN DATA	
DESIGN SPEED	35 MPH
PROJECT DESIGN CRITERIA	N/A
FUNCTIONAL CLASSIFICATION	MINOR COLLECTOR
RURAL/URBAN	URBAN
TERRAIN	ROLLING
ACCESS CONTROL	NONE

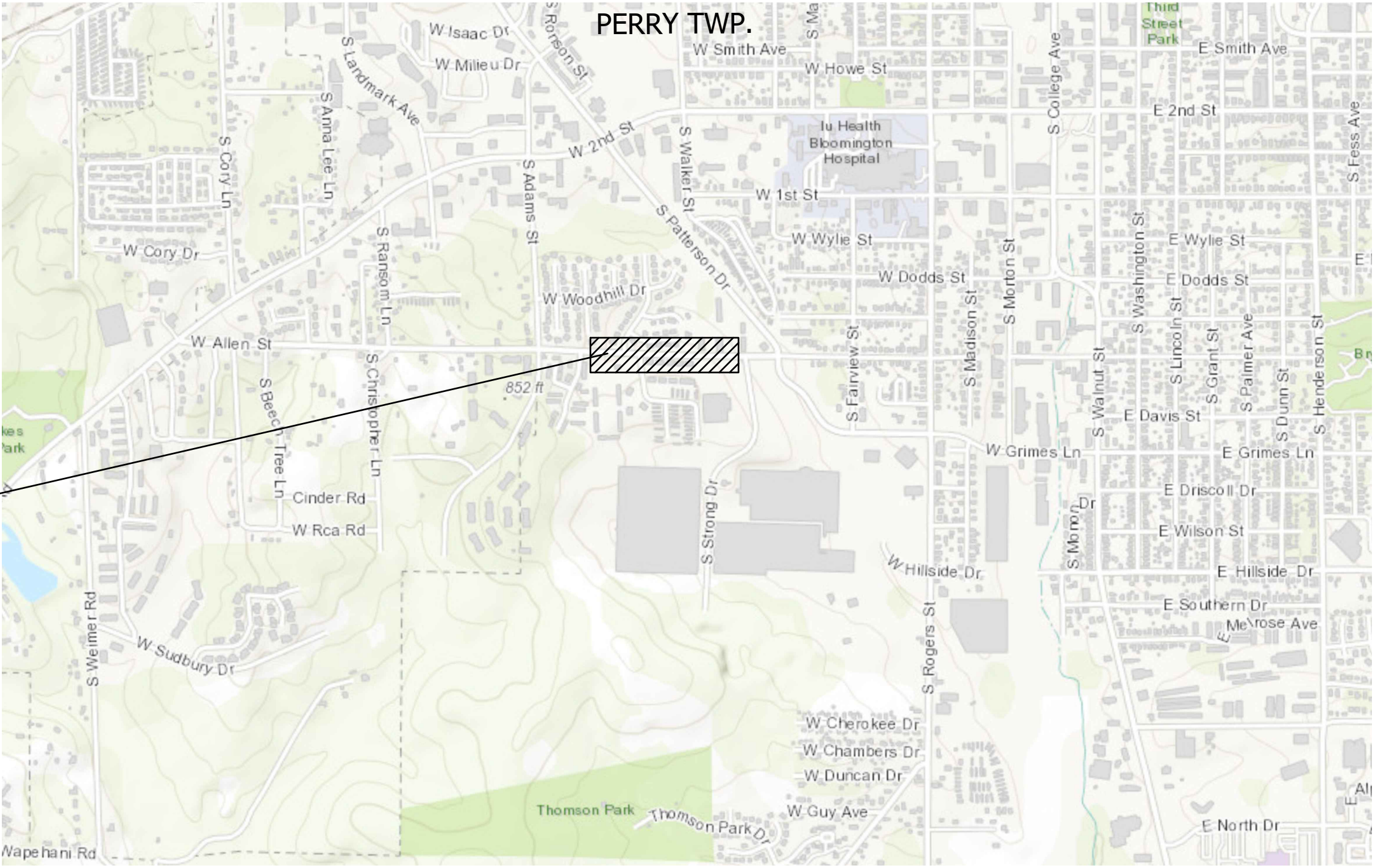
W Allen St raised crosswalks and speed hump between
S Adams St and Strong Dr in Monroe County, Indiana.



LOCATION:
LATITUDE: 39° 09' 20.7" N
LONGITUDE: 86° 32' 52.2" W



PROJECT AREA

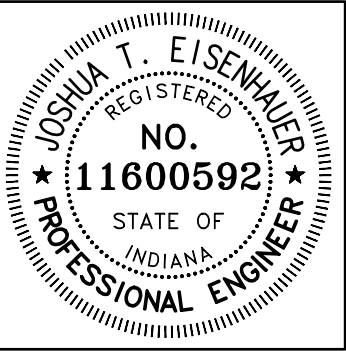


LOCATION MAP
PERRY TWP.
MONROE COUNTY

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

DIRECTORY...F:\2018\18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\A
FILE...18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\A
DIMS...18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\A
PLOT...18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\A
DATE...11/13/19

PLANS PREPARED BY:	VS ENGINEERING, INC.	FAX: (317) 293-4737 TEL: (317) 293-3542
CERTIFIED BY:	JOSHUA T. EISENHAUER, P.E.	INDIANA REG. NO. 11600592
APPROVED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE



CONTRACT N/A	DESIGNATION N/A
PROJECT 18-4002	SHEETS 1 of 8

GENERAL NOTES:
CONTRACTOR TO FIELD VERIFY
LOCATION AND ELEVATION OF EXISTING
UTILITIES.

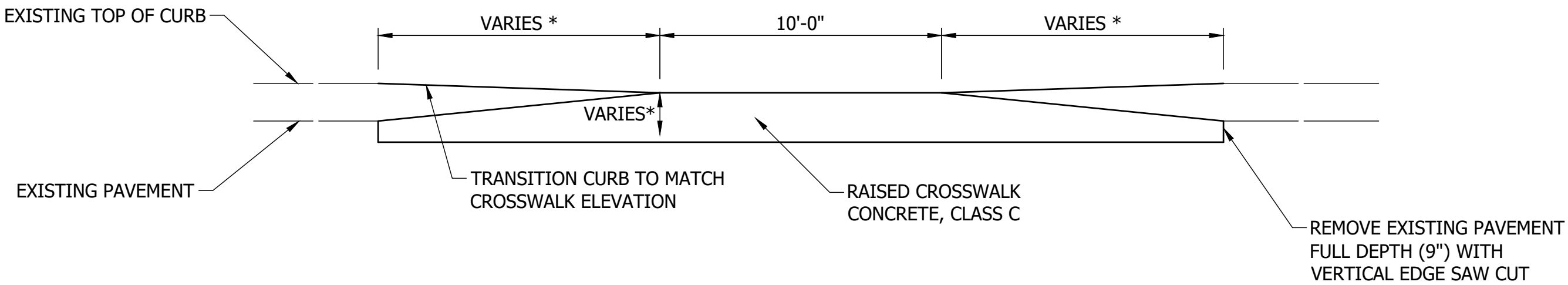
ACCESS MUST BE MAINTAINED FOR ALL
SIDE ROADS AND DRIVES DURING
STAGED CONSTRUCTION.

COORDINATION WITH ONGOING
CONSTRUCTION ACTIVITIES IN THE
VICINITY OF "THE WILLOWS" MAY BE
NECESSARY.

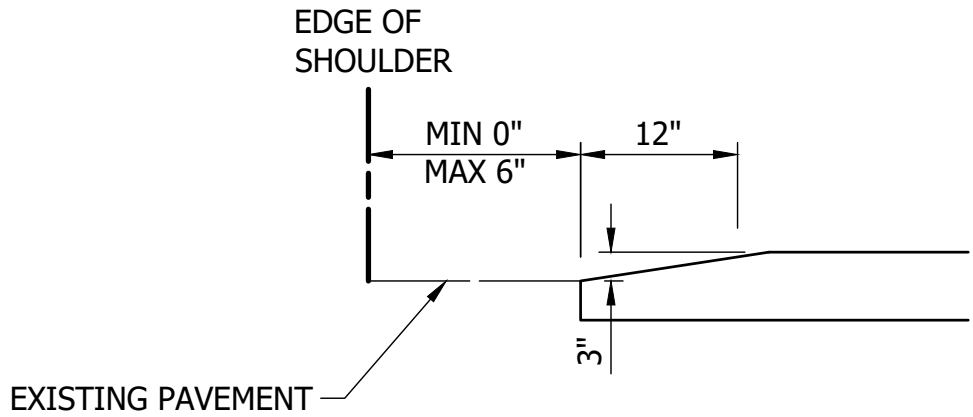
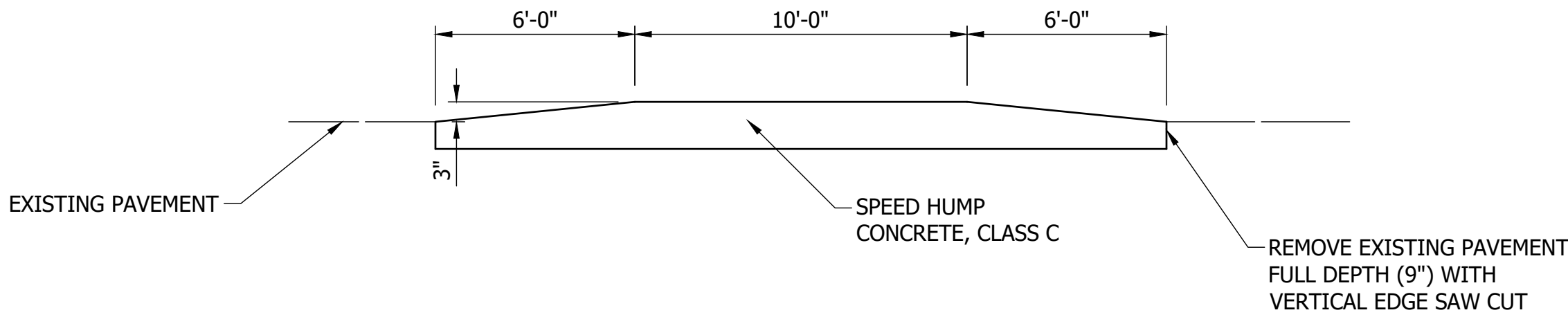
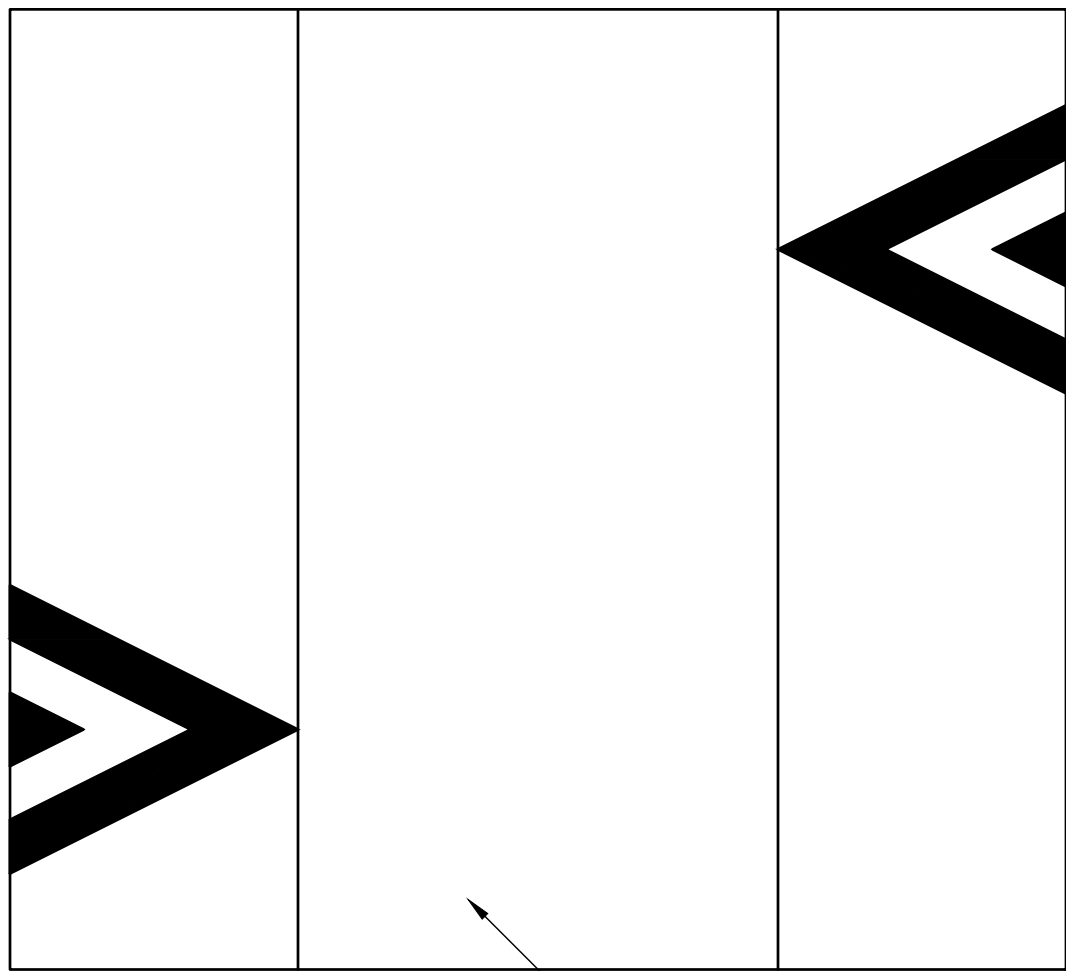
ONE-WAY SIGNS SHALL BE PLACED
OPPOSITE ALL SIDE ROADS AND
DRIVEWAYS DURING CONSTRUCTION.

PAVEMENT MARKINGS SHALL BE
INSTALLED PRIOR TO OPENING ANY
LANE TO TRAFFIC THAT IS OCCUPIED BY
NEW SPEED HUMP OR CROSSWALK.
TEMPORARY MARKINGS ARE
ACCEPTABLE UNTIL FINAL INSTALLATION
OF PERMANENT MARKINGS.

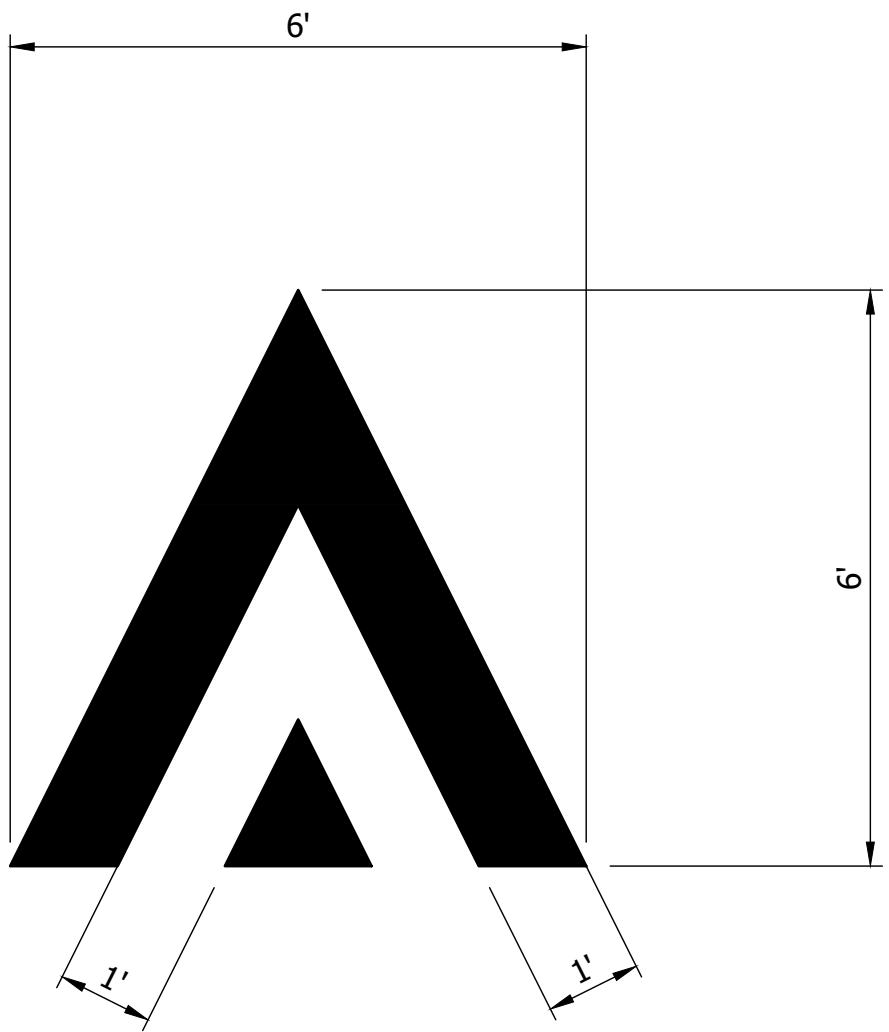
* SEE SPOT ELEVATION SHEETS FOR
DIMENSIONS AND ELEVATIONS



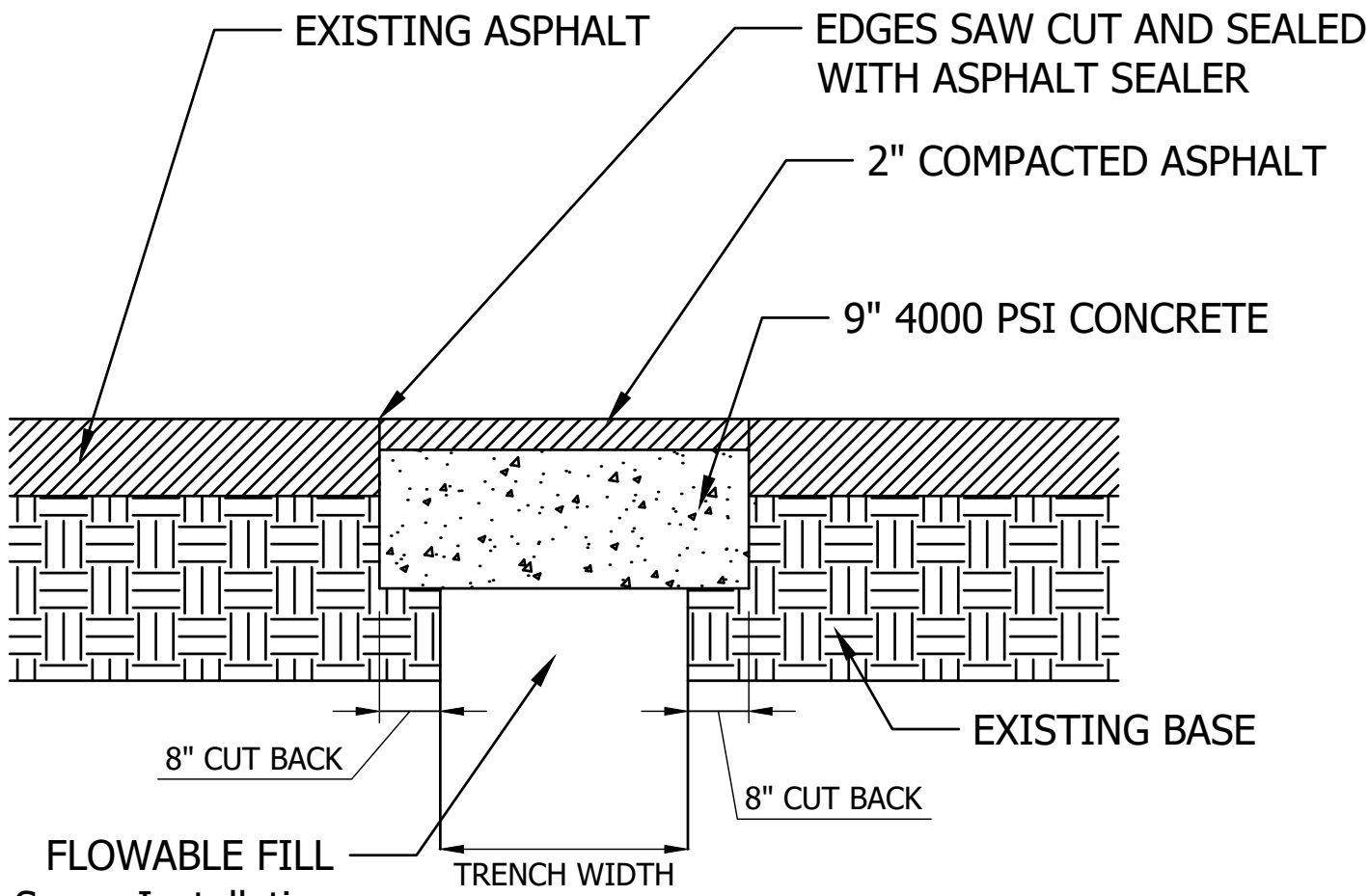
RAISED CROSSWALK DETAIL



SPEED HUMP DETAILS



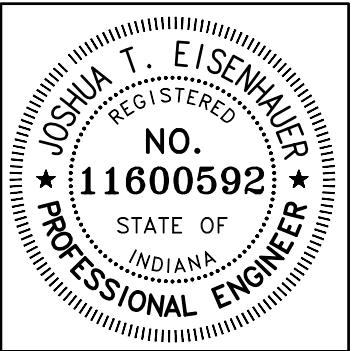
PREFORMED PLASTIC CHEVRON DETAIL



Trench width = $\frac{5}{8}$ (diameter of pipe in inches) + 7 inches
NOTE: Minimum trench width is 18 inches

ASPHALT PATCHING DETAIL

DIRECTORY:....F:\2018\18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\
FILE:.....P TYP SEC & DETAILS.dwg
DIMS:SCALE:0 LTSCALE:.....1
PLOT:BY:..chutter
DATE:.....Nov 13,2019 - 11:05am



RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	11/13/19
	DESIGN ENGINEER	DATE
DESIGNED:	CRB	DRAWN:
		CRB
CHECKED:	JTE	CHECKED:
		JTE

INDIANA DEPARTMENT OF TRANSPORTATION
TYPICAL DETAILS

HORIZONTAL SCALE	BRIDGE FILE
NTS	N/A
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	2 of 8
CONTRACT	PROJECT
	18-4002

DIRECTORY:....F:\2018\18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\
FILE:.....P DETOUR & MOT.dwg
DIMSCALE:1 LTSCALE:.....20
PLOTTED BY:..chutter
DATE:.....Nov 13, 2019 - 11:05am



DETOUR SIGN LEGEND



W20-1
①



W20-3
②



W20-2
③



R3-1
④



R3-2
⑤



R11-2
M4-10 (R)
⑥



R11-2
M4-10 (L)
⑦



M4-9 (R)
⑧



M4-9 (L)
⑨



M4-8a
⑩

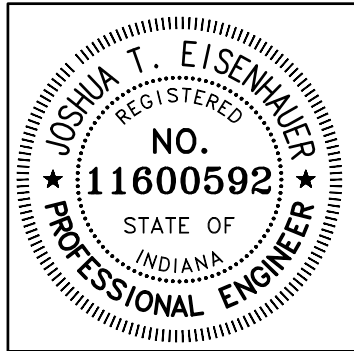


R5-1
(36"x36")
⑪



G20-2
(36"x18")
⑫

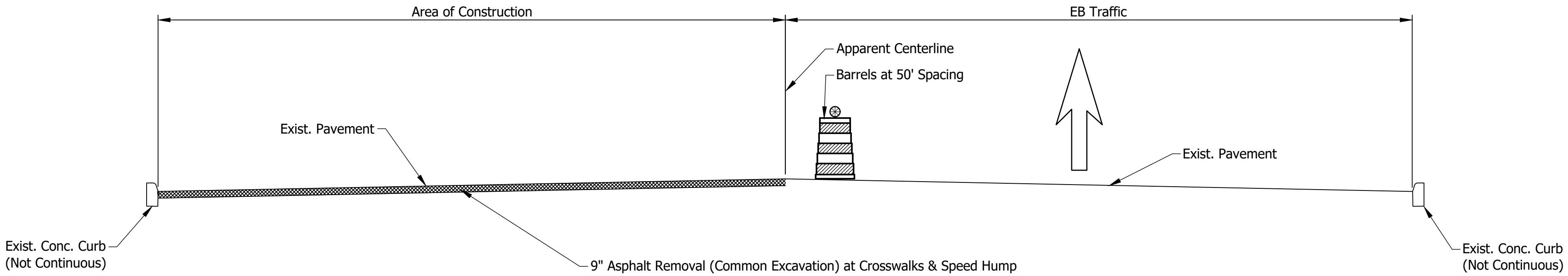
SIGN LEGEND				
SYMBOL	MESSAGE	NUMBER	QUANTITY	TYPE
①	ROAD WORK AHEAD	W20-1	3	A
②	ROAD CLOSED AHEAD	W20-3	2	A
③	DETOUR AHEAD	W20-2	2	A
④	NO RIGHT TURN	R3-1	2	A
⑤	NO LEFT TURN	R3-2	2	A
⑥	ALLEN STREET CLOSED, DETOUR RIGHT	R11-2, M4-10 (R)	1	A,B
⑦	ALLEN STREET CLOSED, DETOUR LEFT	R11-2, M4-10 (L)	0	A,B
⑧	ALLEN ST, DETOUR RIGHT	M4-9 (R)	1	B
⑨	ALLEN ST, DETOUR LEFT	M4-9 (L)	2	B
⑩	END DETOUR	M4-8a	1	B
⑪	DO NOT ENTER	R5-1	2	A
⑫	END CONSTRUCTION	G20-2	1	B



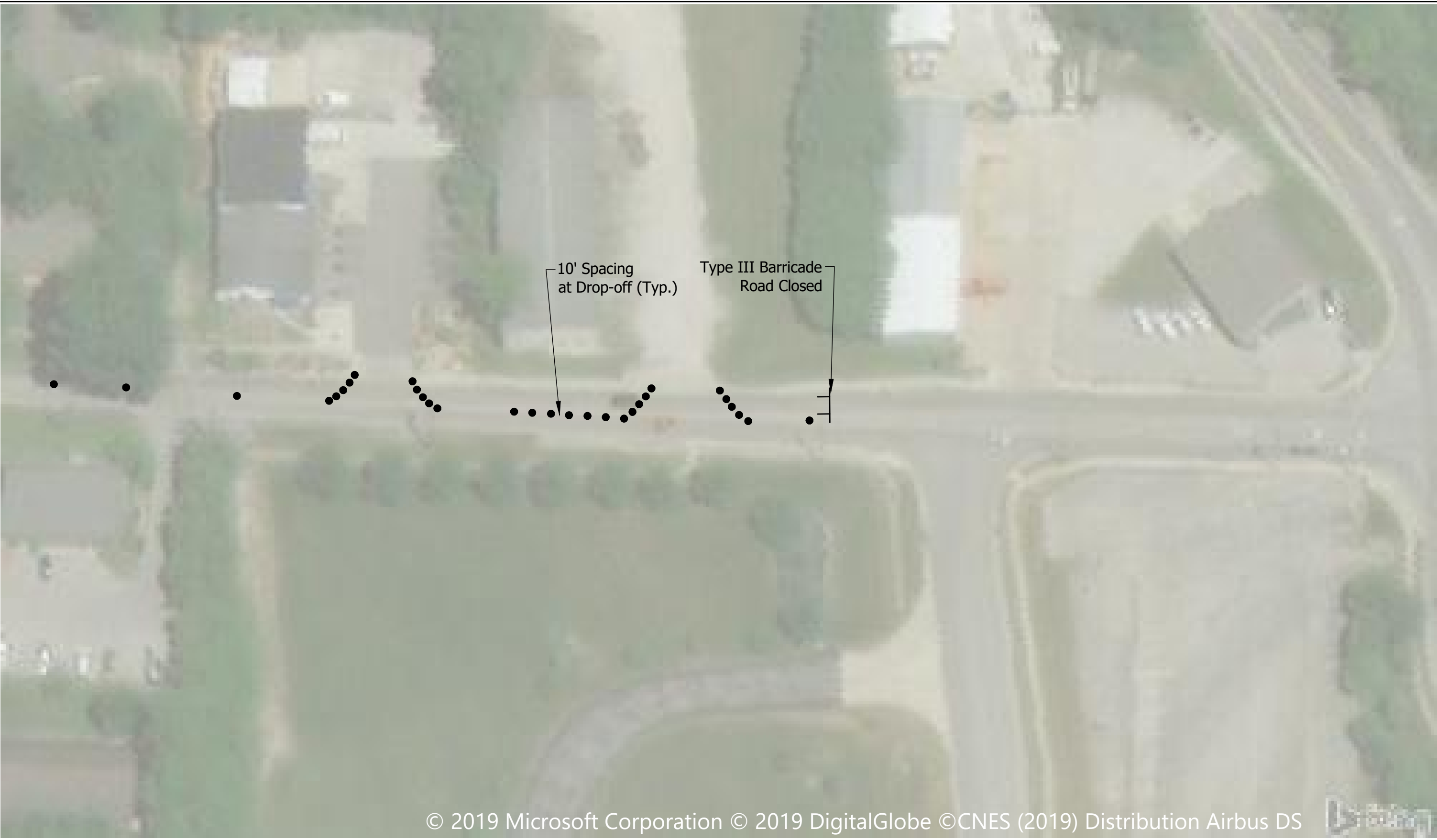
RECOMMENDED FOR APPROVAL <i>Joshua T. Eisenwiler</i> 11/13/19 DESIGN ENGINEER DATE	
DESIGNED: CRB	DRAWN: CRB
CHECKED: JTE	CHECKED: JTE

INDIANA DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC DETOUR PLAN	

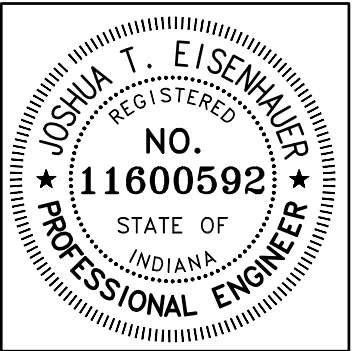
HORIZONTAL SCALE 1" = 200'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION
SURVEY BOOK	SHEETS 3 of 8
CONTRACT	PROJECT 18-4002



MOT - TYPICAL SECTION - STAGE I
"THE WILLOWS TOWNHOUSES" ENTRANCE
TO STRONG DRIVE
(NOT TO SCALE)



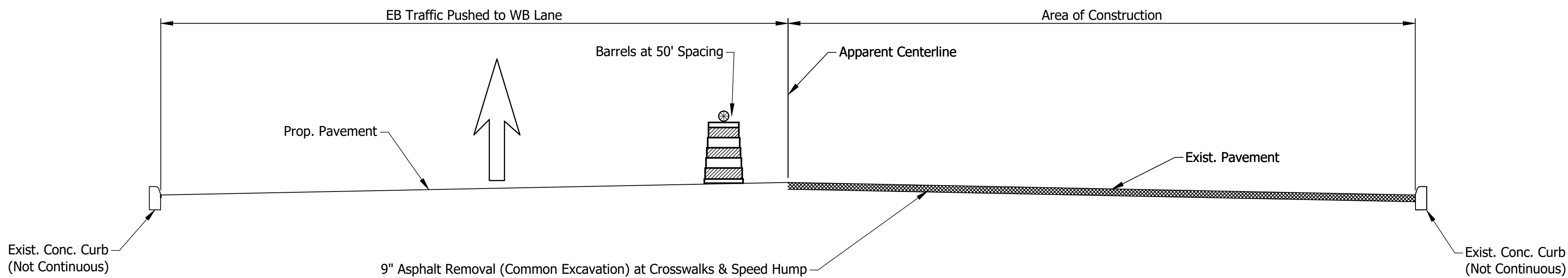
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FILE.....P DETOUR & MOT.dwg
DIMS...SCALE...1 LTSCALE.....20
PLOTTED BY...chutter
DATE.....Nov 13,2019 - 11:05am



RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	11/13/19
	DESIGN ENGINEER	DATE
DESIGNED: CRB	DRAWN: CRB	
CHECKED: JTE	CHECKED: JTE	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC STAGE I

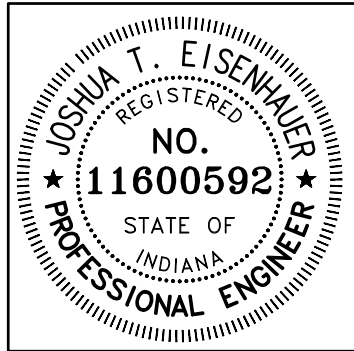
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	4 of 8
CONTRACT	PROJECT
	18-4002



MOT - TYPICAL SECTION - STAGE II
"THE WILLOWS TOWNHOUSES" ENTRANCE
TO STRONG DRIVE



DIRECTORY.....F:\2018\18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\
FILE.....P DETOUR & MOT.dwg
DIMSCALE..1 LTSCALE.....20
PLOTTED BY..chutter
DATE.....Nov 13,2019 - 11:05am



RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauer</i>	11/13/19
	DESIGN ENGINEER	DATE
DESIGNED: CRB	DRAWN: CRB	
CHECKED: JTE	CHECKED: JTE	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC STAGE II

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION
SURVEY BOOK	SHEETS 5 of 8
CONTRACT	PROJECT 18-4002

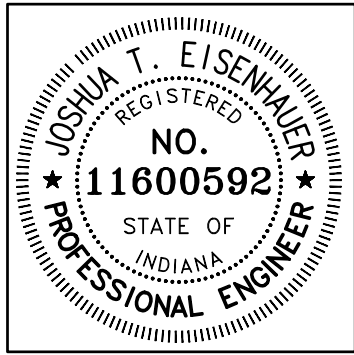
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FILE.....P OVERALL.dwg
DIMSCALE..1 LTSCALE....1
PLOTTER BY..chutter
DATE.....Nov 13 2019 - 11:05am

- A

W17-1 with W16-9p (Installed by Others)
- B

W11-2 with W16-7p (Installed by Others)

LEGEND



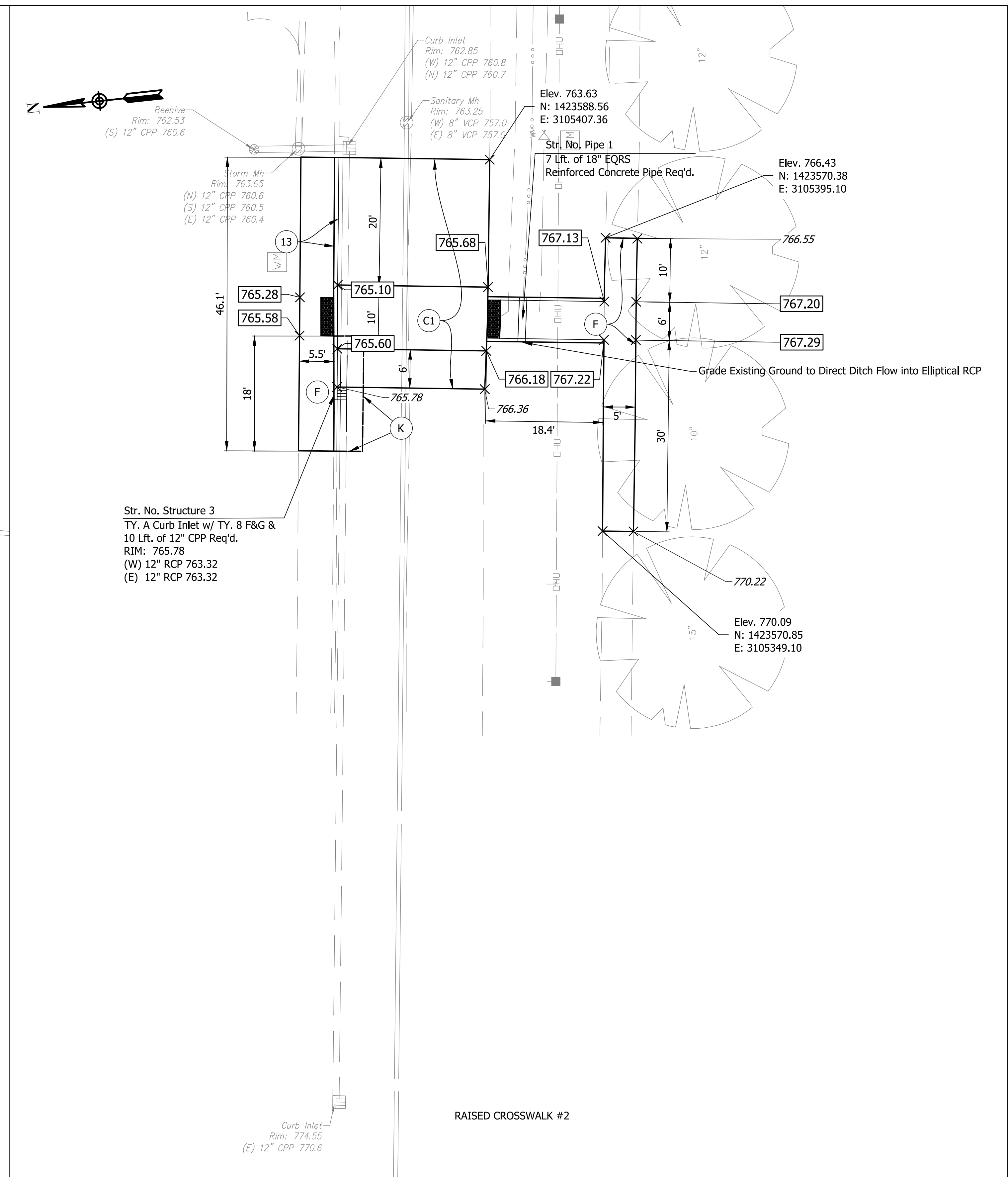
RECOMMENDED FOR APPROVAL		<i>Joshua T. Eisenhauer</i>		11/13/19	
		DESIGN ENGINEER		DATE	
DESIGNED:	CRB	DRAWN:	CRB		
CHECKED:	JTE	CHECKED:	JTE		

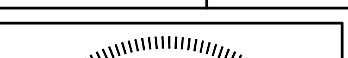
INDIANA
DEPARTMENT OF TRANSPORTATION

PROJECT OVERVIEW

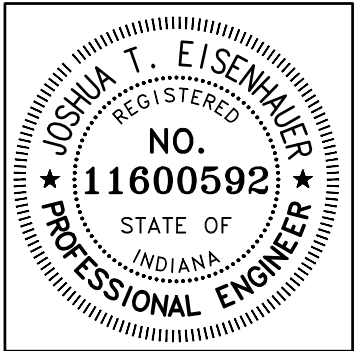
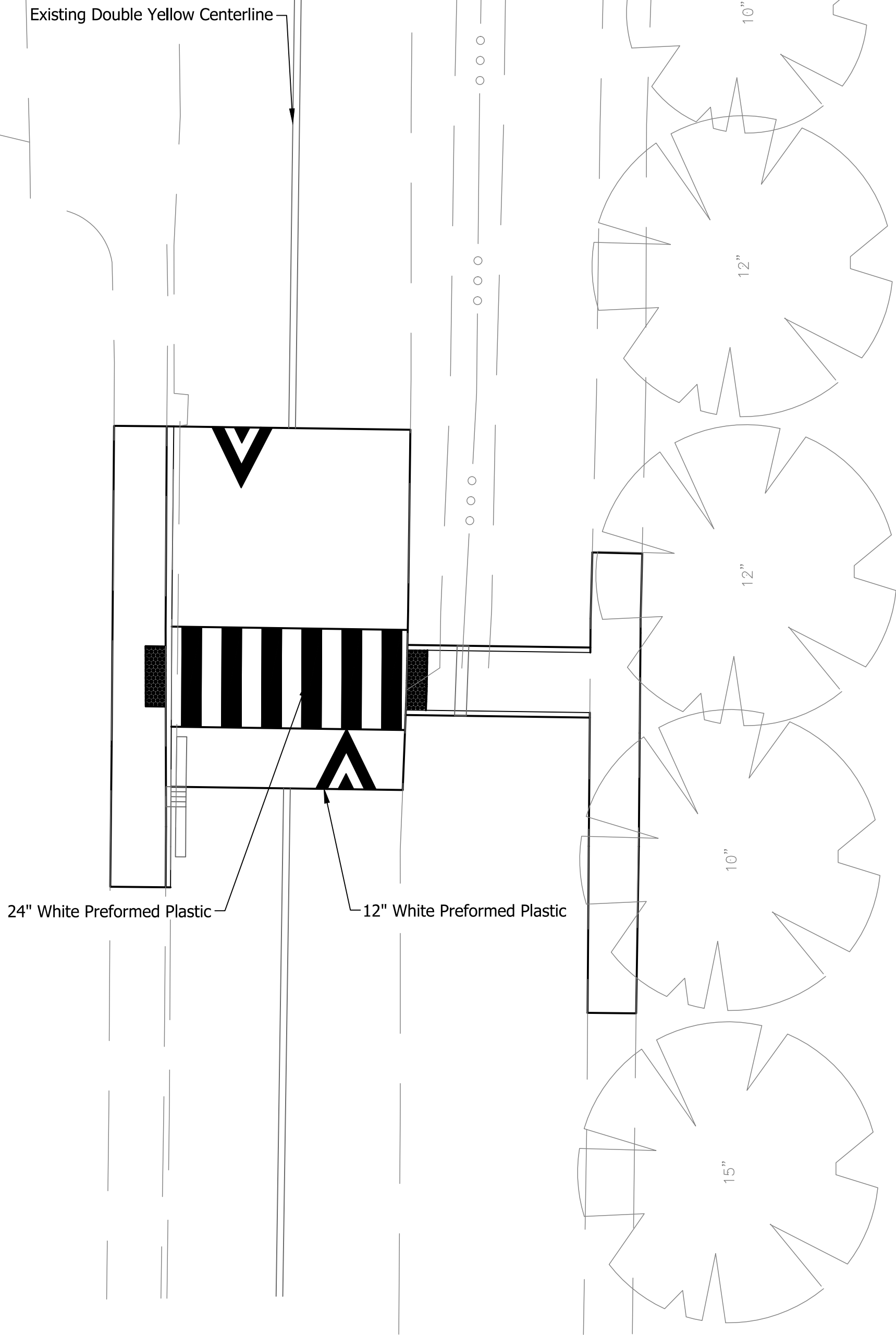
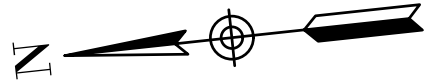
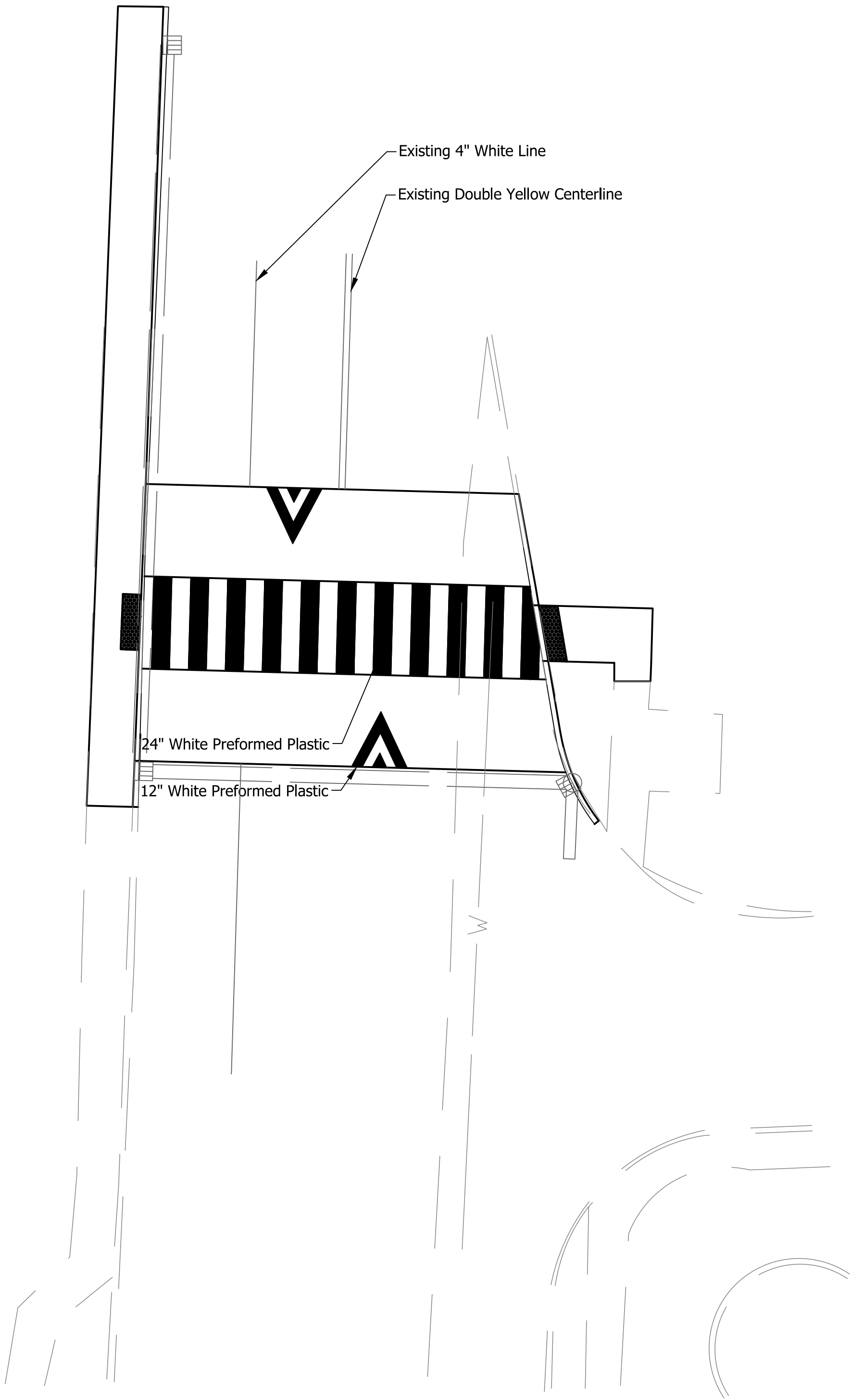
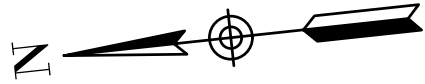
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	6 of 8
CONTRACT	PROJECT
	18-4002





LEGEND			RECOMMENDED FOR APPROVAL <i>Joshua T. Eisenhauer</i> 11/13/19 DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 10'		BRIDGE FILE N/A	
C1	Concrete, Class C		K	HMA Pavement, Mainline (See Typical Sections)			VERTICAL SCALE N/A		DESIGNATION	
F	Sidewalk, Concrete, 4 in. w/ 4 in. Compacted Aggregate, No. 53		DESIGNED: CRB DRAWN: CRB		LAYOUT & SPOT GRADES		SURVEY BOOK		SHEETS 7 of 8	
13	Concrete Curb, w/ 3 in. Compacted Aggregate, No. 53		CHECKED: JTE CHECKED: JTE				CONTRACT		PROJECT 18-4002	

DIRECTORYF:\2018\18-4002 Bloomington On-Call\30 SheetDrawings\Allen St Raised Crosswalk\
FILE.....P P\MT MKG.dwg
DIMSCALE...1 LTSCALE...20
PLOTTED BY...cbutler
DATE.....Nov 13,2019 - 11:06am



RECOMMENDED FOR APPROVAL	<i>Joshua T. Eisenhauser</i>	11/13/19
	DESIGN ENGINEER	DATE
DESIGNED: CRB	DRAWN: CRB	
CHECKED: JTE	CHECKED: JTE	

INDIANA DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	8 of 8
CONTRACT	PROJECT
	18-4002