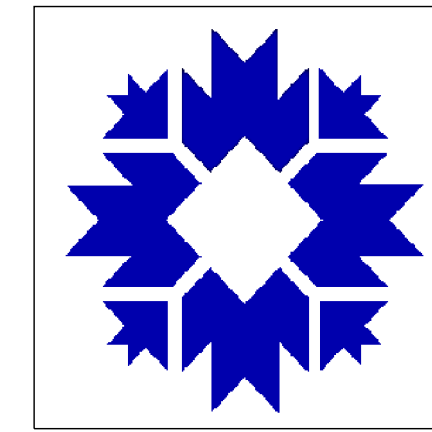


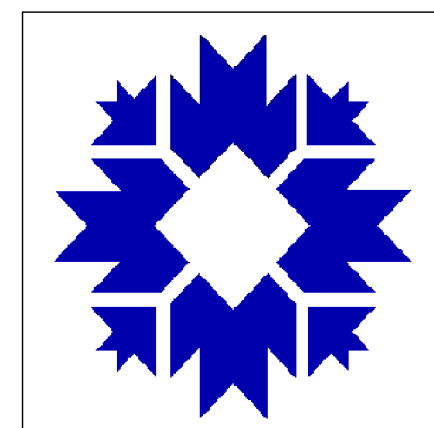
# CITY OF BLOOMINGTON

## DEPARTMENT OF UTILITIES

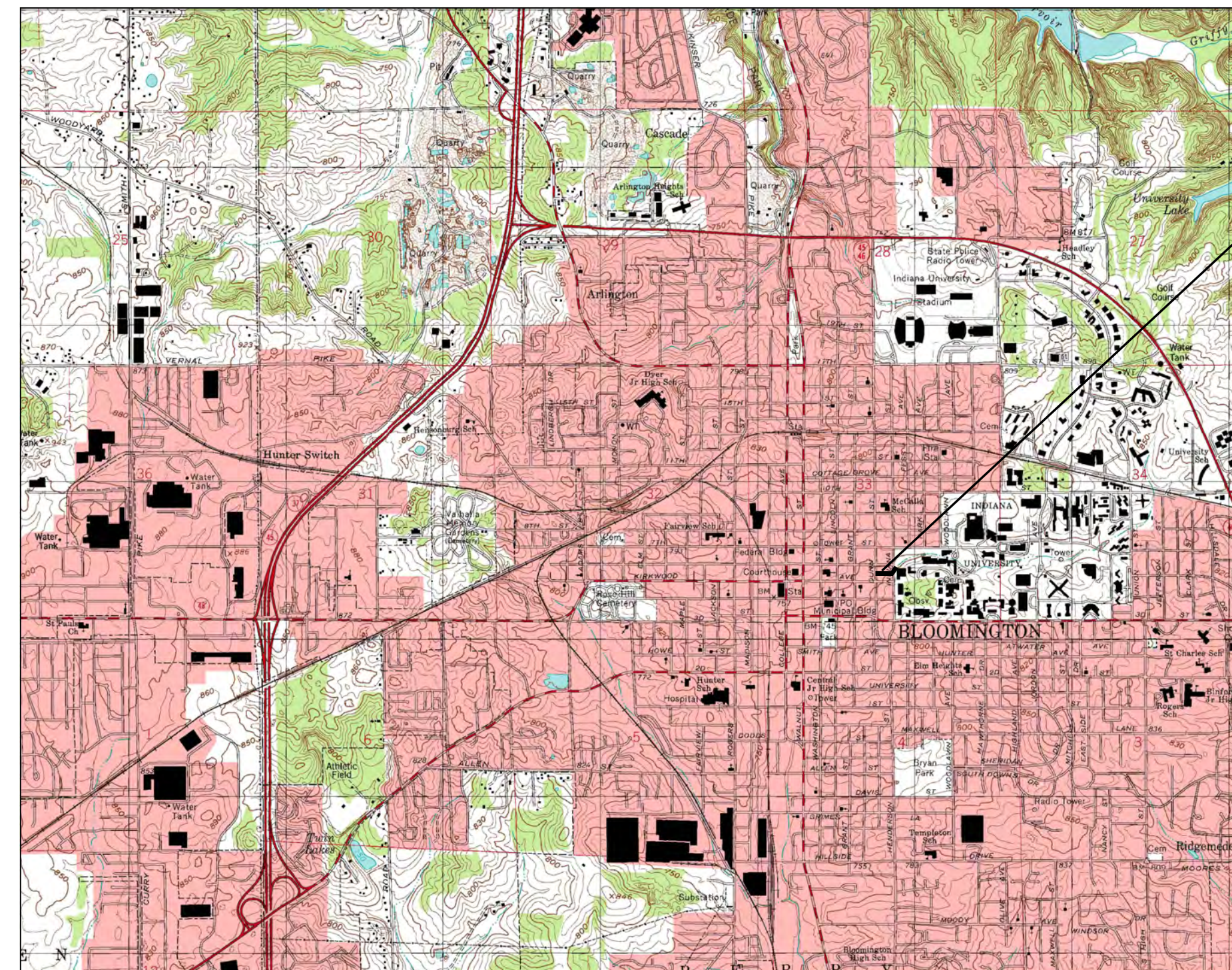


# CONDUIT INSTALLATION FOR CLEAR CREEK CULVERT RECONSTRUCTION

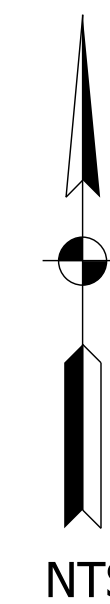
## DUNN STREET TO INDIANA AVENUE



CITY OF BLOOMINGTON



PROJECT LOCATION



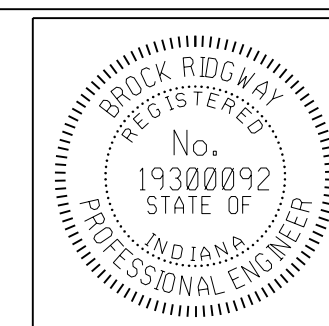
PROJECT LOCATION MAP  
CITY OF BLOOMINGTON, MONROE COUNTY

CURRENT EDITIONS OF CONSTRUCTION SPECIFICATIONS FOR CITY OF BLOOMINGTON UTILITIES, WASTEWATER, WATER AND STORM PROJECTS, AND INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS TO BE USED WITH THESE PLANS.

PREPARED BY:



1321 Laurel Oak Drive  
Avon, Indiana 46123  
(317)370-9672



PLANS PREPARED BY:

CERTIFIED BY:

APPROVED FOR LETTING:



*[Signature]*

**EAGLE RIDGE**  
CIVIL ENGINEERING SERVICES, LLC

(317) 370-9672  
PHONE NUMBER

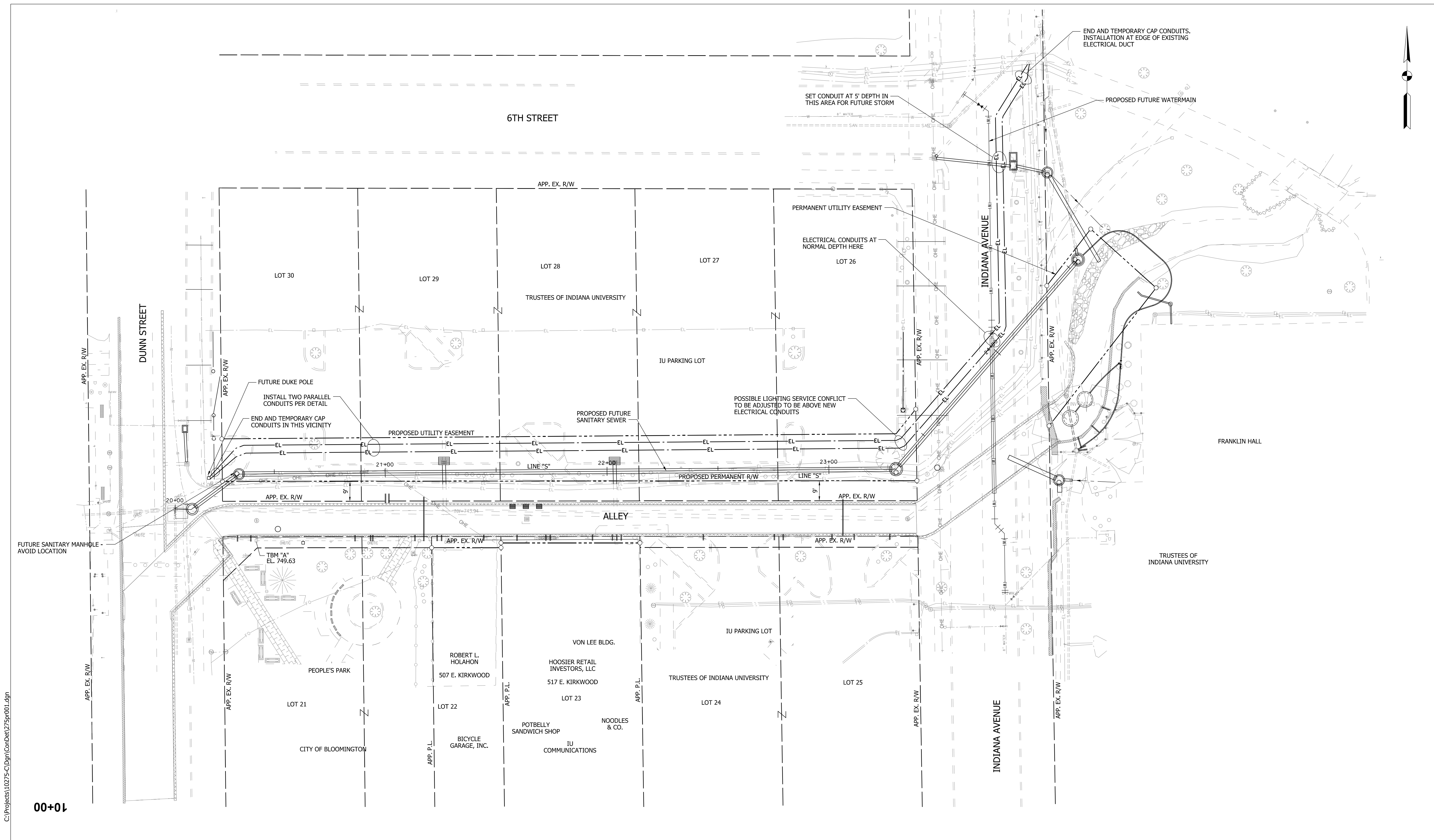
4-3-2023  
DATE

DATE


SHEETS		
1	of	6
PROJECT		

CONDUIT INSTALLATION





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	RECOMMENDED FOR APPROVAL <i>B. Ridgway</i> DESIGN ENGINEER	4-3-2023 DATE	<b>CITY OF BLOOMINGTON DEPARTMENT OF UTILITIES</b>		HORIZONTAL SCALE 1"=20'-0"	ERCES PROJECT NUMBER 275
	DESIGNED: BR DRAWN: RBA	CHECKED: MT CHECKED: BR	<b>CONDUIT ROUTE PLAN</b>		VERTICAL SCALE N/A	SHEET NUMBER 2



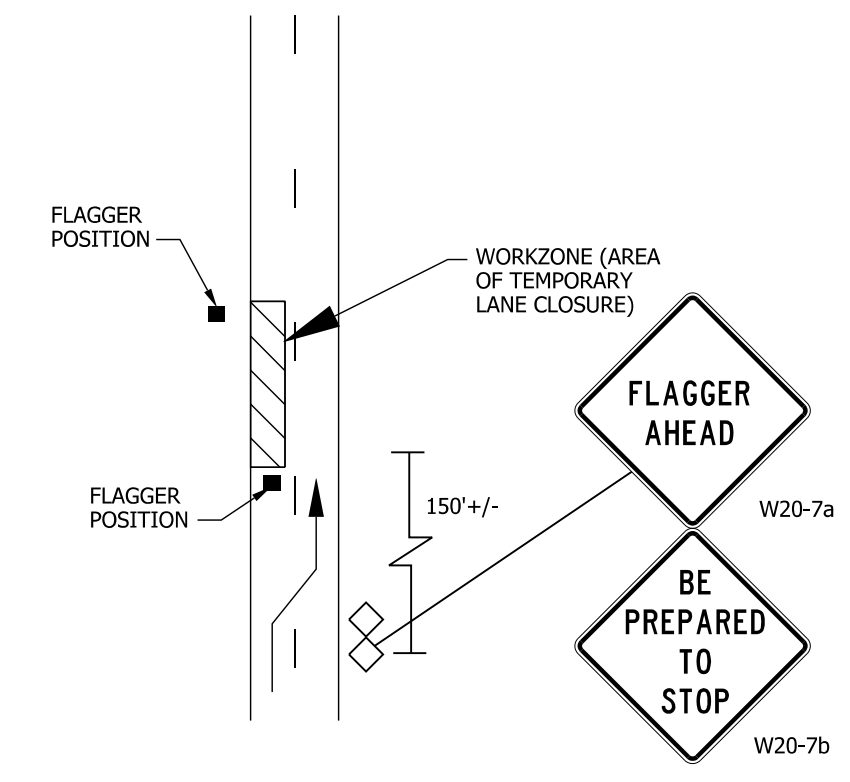
ESTIMATED TEMPORARY TRAFFIC CONTROL MEASURES BY PHASE					
ITEM	CODE	SIZE	UNITS	QUANTITY	PAY QUANTITY
MAINTAINING TRAFFIC	N/A	N/A	LSUM	X	1 LSUM
BARRICADE #18	N/A	N/A	LFT	60	60 LFT
FLASHING ARROW SIGN	N/A	N/A	DAYS	20	20 DAYS
CONSTRUCTION FENCING, 4' Undistributed	N/A	N/A	LFT	500	500 LFT
<b>CONSTRUCTION SIGNS, A (1-OR-9 SFT)</b>					
ROAD CONSTRUCTION AHEAD	XW20-1	36 x 36	EA	2	
SYMBOLIC MERGE LEFT	XW4-2-A	36 x 36	EA	2	
SYMBOLIC MERGE RIGHT	XW4-2-B	36 x 36	EA	2	
LEFT/RIGHT LANE CLOSED AHEAD	XW20-5	36 x 36	EA	2	12 EA
FLAGGER AHEAD	XW20-7a	36 x 36	EA	1	
BE PREPARED TO STOP	XW20-7b	36 x 36	EA	1	
UNDISTRIBUTED - OWNER OR ENGR	TBD	TBD	EA	2	
<b>CONSTRUCTION SIGNS, B (1-9 SFT)</b>					
END CONSTRUCTION	XG20-2	36 x 18	EA	2	
SIDEWALK CLOSED	R9-9	24 x 12	EA	1	
SIDEWALK CLOSED USE OTHER SIDE	R9-10	24 x 12	EA	2	7 EA
UNDISTRIBUTED - OWNER OR ENGR	TBD	TBD	EA	2	

**MAINTENANCE OF TRAFFIC REQUIREMENTS:**

1. FLAGGER OPERATIONS AND TEMPORARY SIGNAGE IN ACCORDANCE WITH INDIANA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES ARE REQUIRED FOR ALL LANE RESTRICTIONS.
2. ALL SIGNS TO BE MOUNTED ON STANDARDS.
3. ALL SIGNS IN ACCORDANCE WITH INDOT STANDARDS AND INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
4. ALL SIGNS, BARRICADES AND DRUMS TO BE MOUNTED WITH A TYPE C (STEADY BURN) WARNING LIGHT AND MAINTAINED DUSK TO DAWN.

**WORK DESCRIPTION**

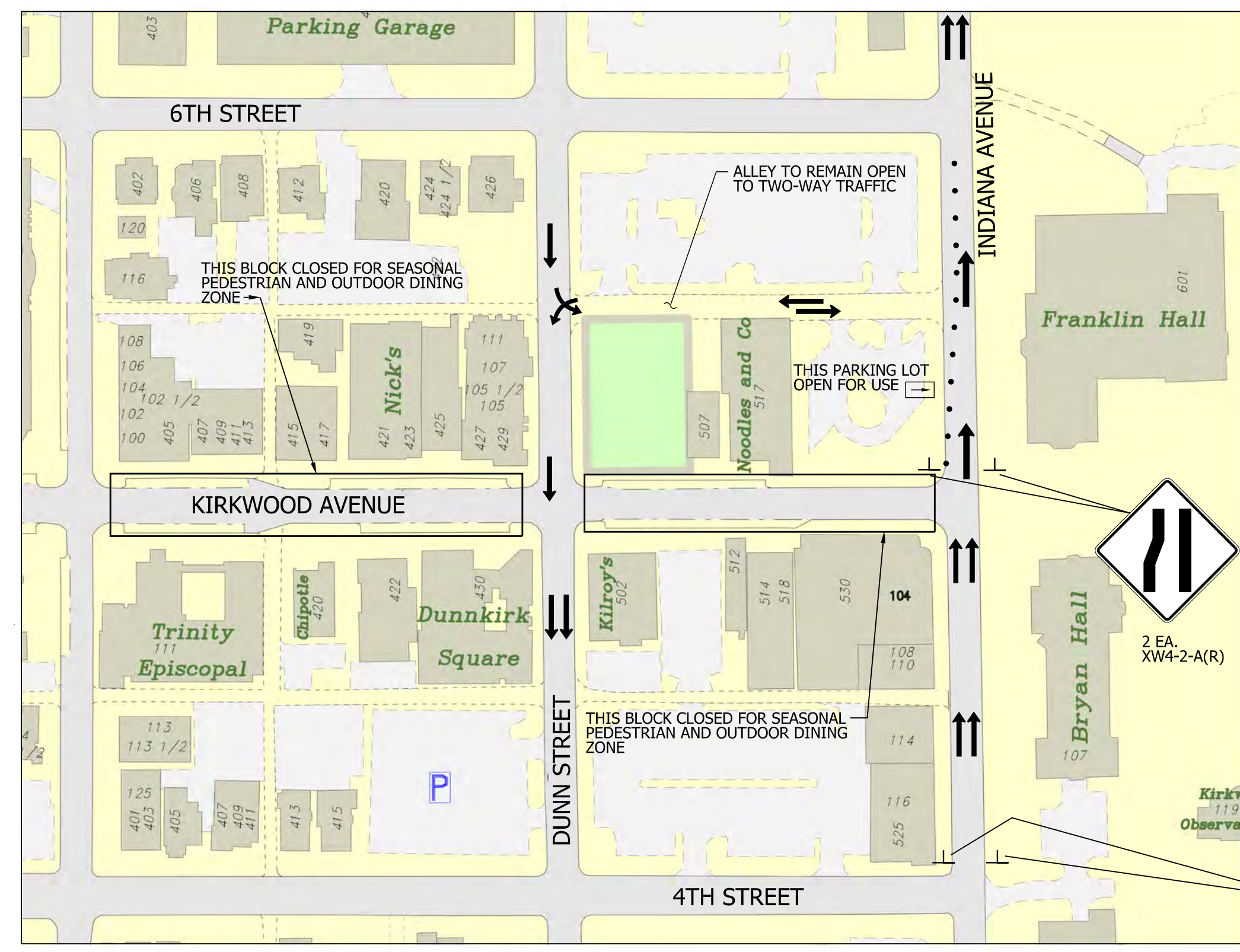
1. INSTALL NEW DUCTBANK FOR DUKE FROM DUNN TO 6TH STREET. COORDINATE WITH DUKE TO COMPLETE SWITCHOVER.
2. ALLEY AND INDIANA NEVER FULLY CLOSED, INDIANA TO BE RESTRICTED TO ONE LANE WHEN NECESSARY.



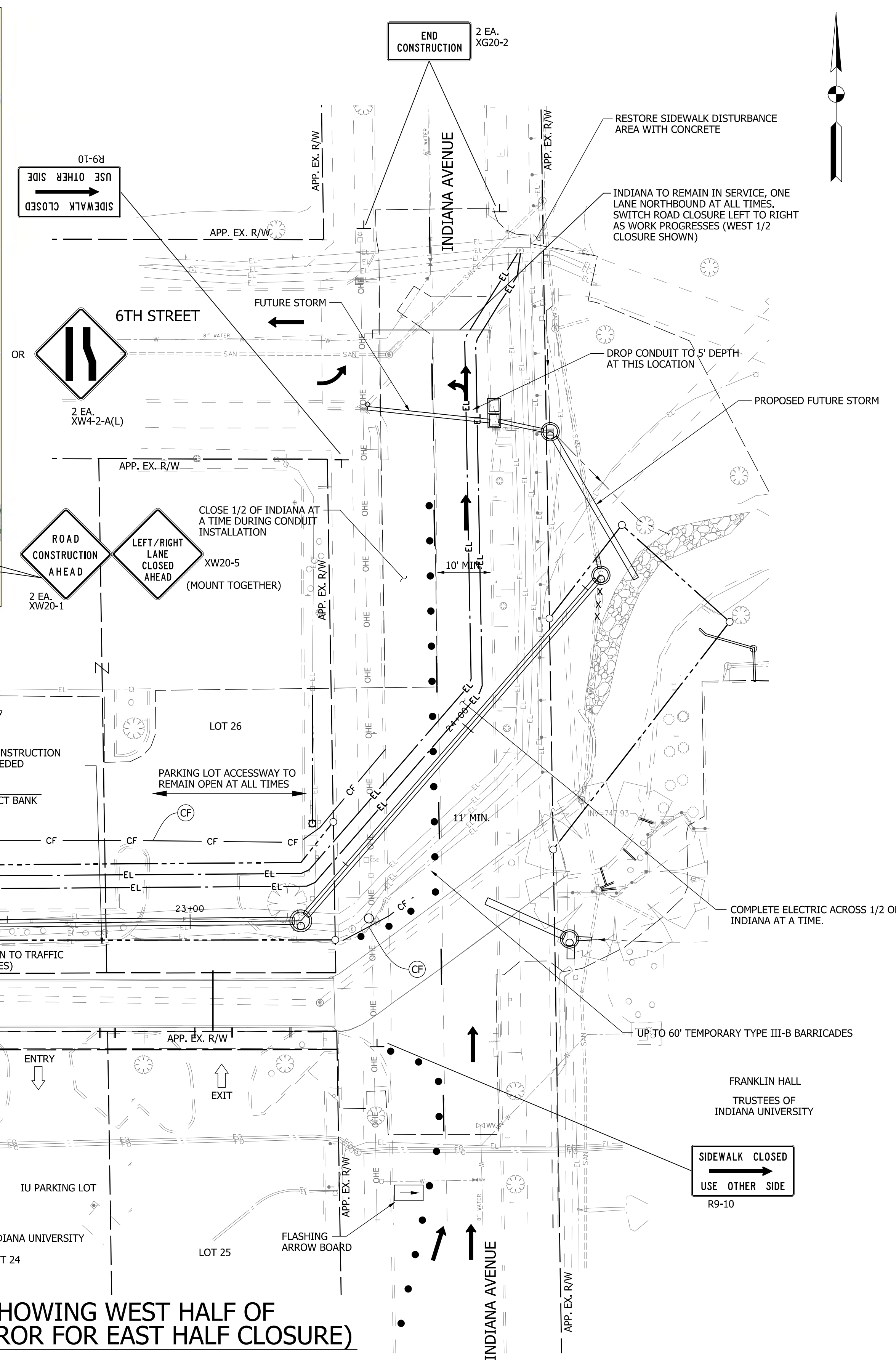
**TYPICAL LANE RESTRICTIONS ON PUBLIC ROADS USING FLAGGER**

NOTE: DISTANCES SHALL BE ADJUSTED TO FIELD CONDITIONS WHERE SPACE IS LIMITED.

FOR INCIDENTAL DAILY USE ONLY - NOT FOR OVERNIGHT USE



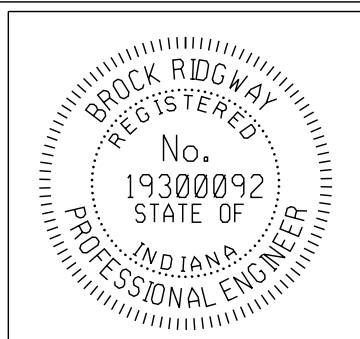
**VICINITY SIGNAGE MAP**  
NO SCALE



**VICINITY MAP (SHOWING WEST HALF OF INDIANA CLOSED - MIRROR FOR EAST HALF CLOSURE)**

**MAINTENANCE OF TRAFFIC LEGEND**

- INDOT STANDARD DRUM WITH STEADY BURN LIGHTS
- ⬇ BARRICADE (TYPE III)
- ⬆ TEMPORARY CONSTRUCTION FENCING
- ◇ CONSTRUCTION SIGNS (SHAPE PER MUTCD)
- ➔ TRAFFIC FLOW DIRECTION



RECOMMENDED FOR APPROVAL	<i>Bridgway</i>	DESIGN ENGINEER	4-3-2023
DESIGNED:	BR	DRAWN:	RBA
CHECKED:	MT	CHECKED:	BR

**CITY OF BLOOMINGTON  
DEPARTMENT OF UTILITIES**

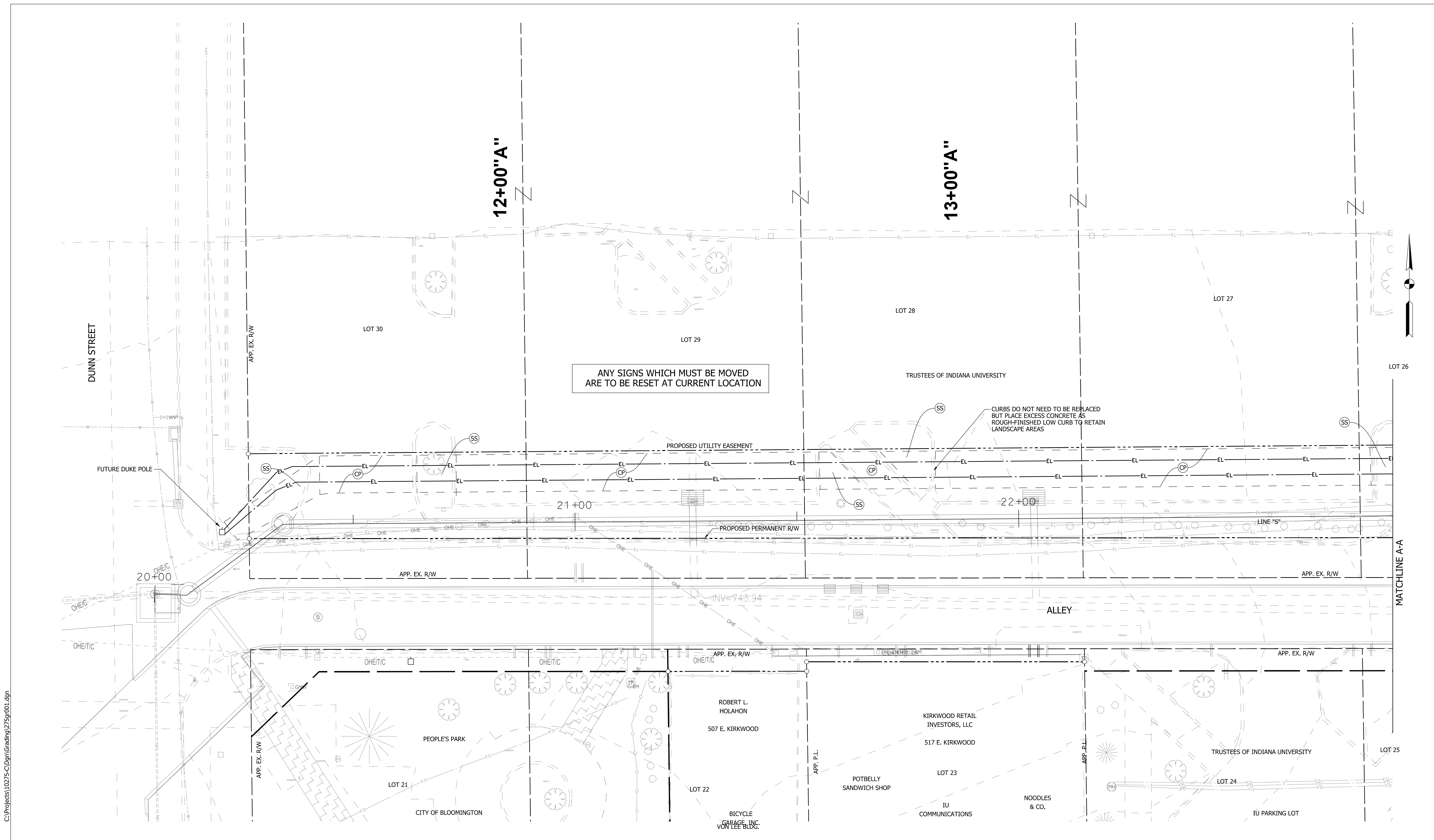
**MAINTENANCE OF TRAFFIC AND ACCESS**

HORIZONTAL SCALE	ERCS PROJECT NUMBER
1"=20'-0"	275
VERTICAL SCALE	
N/A	
SHEET NUMBER	
3	

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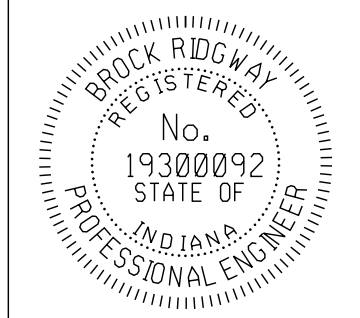






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- Ⓢ CONCRETE PATCH AREA  
6" PCPP ON COMPACTED AGGREGATE NO. 53s  
IN ALL PAVED AREAS
- Ⓢ SOIL AND MULCHED SEED AREA LAST 6"  
TO BE SOIL TO GRADE, THEN MULCH SEED



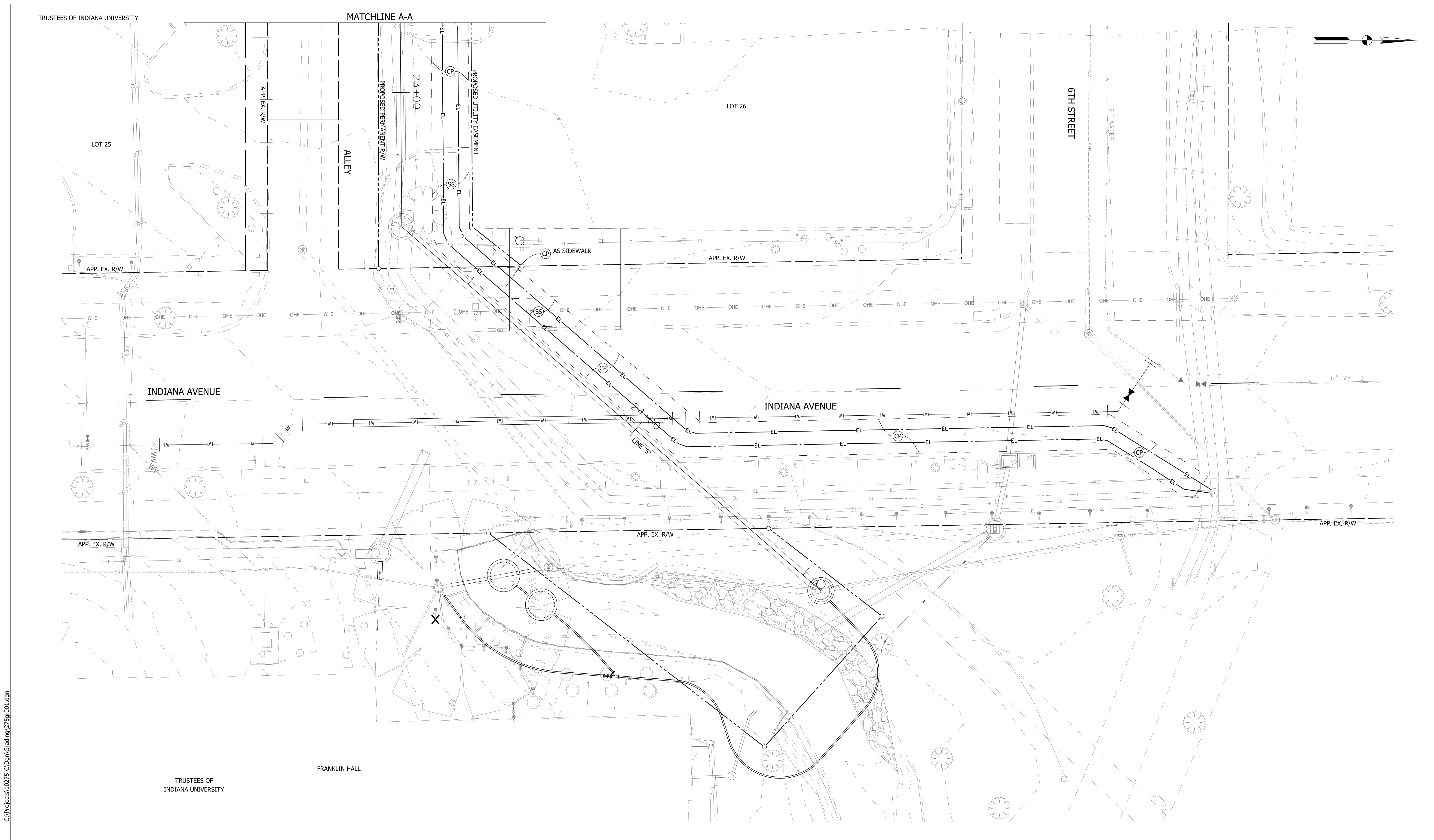
RECOMMENDED FOR APPROVAL	<i>Bridgway</i>	DESIGN ENGINEER	4-3-2023
DESIGNED:	BR	DRAWN:	RBA
CHECKED:	MT	CHECKED:	BR

**CITY OF BLOOMINGTON  
DEPARTMENT OF UTILITIES**

**RESTORATION PLAN**

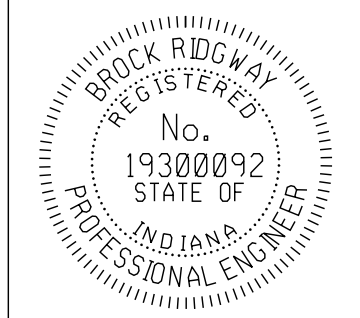
HORIZONTAL SCALE	1"=10'-0"	ERCES PROJECT NUMBER	275
VERTICAL SCALE	N/A	SHEET NUMBER	5





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 4/13/2023

- CP CONCRETE PATCH AREA  
 6" PCCP ON COMPACTED AGGREGATE NO. 53s  
 IN ALL PAVED AREAS
- SS SOIL AND MULCHED SEEDED AREA LAST 6"  
 TO BE SOIL TO GRADE, THEN MULCH SEEDED



RECOMMENDED FOR APPROVAL		 DESIGN ENGINEER	4-3-2023 DATE
DESIGNED: BR	DRAWN: RBA		
CHECKED: MT	CHECKED: BR		

**CITY OF BLOOMINGTON**  
**DEPARTMENT OF UTILITIES**  
  
**RESTORATION PLAN**

HORIZONTAL SCALE	ERCES PROJECT NUMBER
1"=10'-0"	275
VERTICAL SCALE	
N/A	
	SHEET NUMBER
	6