

- 2. SAW CUT EXISTING PAVEMENT PRIOR TO REMOVAL TO PROVIDE A CLEAN VERTICAL FACE. SAW CUT EDGE(S) AGAIN IF DAMAGED PRIOR TO PLACING PATCH. IF THE HMA SURFACE HAS BEEN DAMAGED BEYOND THE SAW CUT(S) AND/OR MATERIAL HAS BEEN LOST UNDER THE EXISTING PAVEMENT, INCREASE THE PATCH DIMENSIONS TO INCLUDE THESE AREAS
- 3. TRENCH SPOILS TO BE REMOVED FROM SITE IF UNSUITABLE FOR BACKFILL. A CITY REPRESENTATIVE SHALL DETERMINE IF SPOILS ARE SUITABLE FOR BACKFILL
- 4. PATCH MAY BE MODIFIED TO CONTAIN ONLY HMA BASE AND HMA SURFACE. REMOVAL OF THE HMA BINDER LAYER MAY BE ELIMINATED WITH APPROVAL FROM THE CITY ENGINEERING DEPARTMENT. HMA BASE LIFTS MAY NOT EXCEED 4"
- 5. COMPACT THE HMA BASE, HMA BINDER AND HMA SURFACE WITH A DOUBLE DRUM ROLLER UNLESS AN ALTERNATIVE METHOD HAS BEEN APPROVED BY THE ENGINEERING DEPARTMENT
- 6. RESTORE DAMAGED OR REMOVED PAVEMENT MARKINGS WITH LIKE MATERIAL. A CITY REPRESENTATIVE SHALL APPROVE MATERIAL AND METHOD OF INSTALLATION
- 7. STREET RESTRICTIONS OR CLOSURES FOR COLLECTOR OR ARTERIAL ROADWAY MUST BE APPROVED BY THE CITY BOARD OF WORKS. CONTACT THE CITY ENGINEERING DEPARTMENT AT (574) 534-2201 FOR THE SUBMITTAL REQUIREMENTS AND DATES FOR THE BOARD OF WORKS MEETING
- 8. WORK WITHIN THE CITY RIGHT OF WAY REQUIRES A PERMIT ISSUED BY THE CITY ENGINEERING DEPARTMENT. ACCESS THE CITY'S PERMIT PORTAL AT GOSHENINDIANA.ORG
- 9. A CITY REPRESENTATIVE MUST INSPECT THE BACKFILL PROCESS AND PLACEMENT OF THE PATCH
  CALL THE CITY ENGINEERING DEPARTMENT TO SCHEDULE THE INSPECTIONS AT (574) 534-2201, 48 HOUR NOTICE REQUIRED
- 10. IF A CITY UTILITY WAS REPAIRED AS PART OF THE WORK, A CITY REPRESENTATIVE MUST INSPECT THE REPAIR PRIOR TO BACKFILLING. IF AN INSPECTION WAS NOT PERFORMED, THE CONTRACTOR WILL BE REQUIRED TO EXPOSE THE REPAIR FOR INSPECTION

LARGE ASPHALT PAVEMENT PATCH

NOT TO SCALE

TABLE 'A' - MINIMUM ACCEPTABLE PAVEMENT SECTION								
STREET CLASS		COMPACTED SUB-BASE (No. 53)	HOT MIX ASPHALT (HMA)			CONCRETE		
			BASE (No. 5)	BINDER (No. 8)	SURFAC E (No. 11)	(PCC)		
FLEXIBLE	MINOR ARTERIAL	6"	6"	2.5"	1.5"	-		
	COLLECTOR & INDUSTRIAL	6"	4"	2.5"	1.5"	-		
	LOCAL	6"	3"	2.5"	1.5"	-		
RIGID	MINOR ARTERIAL	6"	-	-	-	9"		
	COLLECTOR & INDUSTRIAL	6"	-	-	-	9"		
	LOCAL	6"	-	-	-	6"		

TABLE 'B' - AGGREGATE GRADATION FOR HMA MIXES							
SIEVE SIZE	BASE MIXTURES No. 5	BINDER MIXTURES No. 8	SURFACE MIXTURES No. 11				
1.5 in (37.5 mm)	100						
1 in (25.0 mm)	90 -99	100					
3/4 in (19.0 mm)	<90	90 -99					
1/2 in (12.5 mm)		<90	100				
3/8 in (9.5 mm)			90 - 99				
No. 4			<90				
No. 8	23 (±6)	29 (±6)	57 (±6)				
No. 16							
No. 30							
No. 50							
No. 100							
No. 200	1 - 7	2 - 8	2 - 6				
PERCENT OF BITUMINOUS	4.5 (±0.5)	4.8 (±0.5)	6.1 (±0.5)				
PERCENT OF MOISTURE, MAX	0.3	0.3	0.3				