



SPECIAL NOTE:

IF WORK IS DONE DURING THE WINTER OR BELOW ACCEPTABLE TEMPERATURE, PLACE 2" OF COLD MIX OVER 6" CLASS 'A' CONCRETE, 4,000 PSI, PLACE BLANKETS AS REQUIRED. REMOVE COLD MIX IN SPRING AND PLACE 2" OF HMA SURFACE, No. 11

NOTES:

1. MATCH EXISTING PAVEMENT SLOPE(S)
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

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

204 East Jefferson, Suite 1 Street, Goshen, Indiana 46528
Phone: 574-534-2201 Fax: 574-533-8626
Web: goshenindiana.org

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

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Drafted By: J. Hoffman	Approved By: D. Sailor, P.E.
Drawing Number: RD-201	

TABLE 'A' - MINIMUM ACCEPTABLE PAVEMENT SECTION						
STREET CLASS		COMPACTED SUB-BASE (No. 53)	HOT MIX ASPHALT (HMA)			CONCRETE (PCC)
			BASE (No. 5)	BINDER (No. 8)	SURFAC E (No. 11)	
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

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