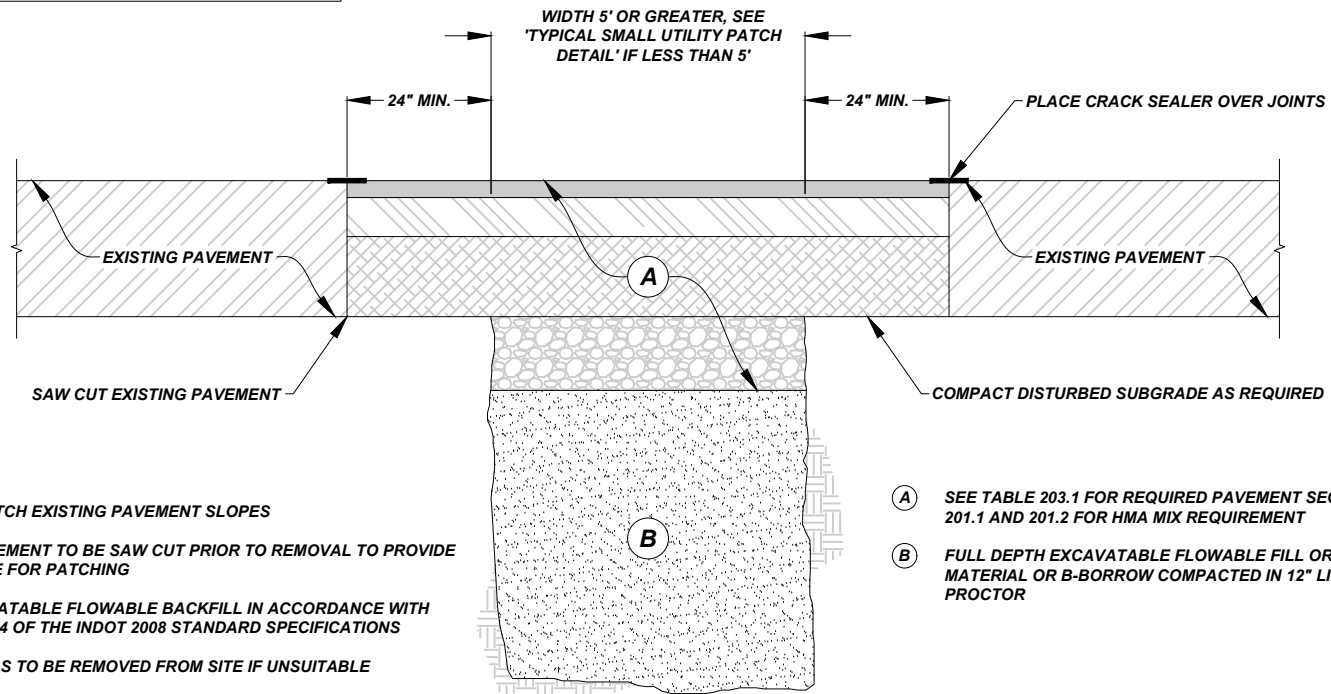


SPECIAL NOTE:
 IF WORK IS DONE DURING THE WINTER OR BELOW ACCEPTABLE TEMPERATURE, PLACE CLASS 'A' CONCRETE, SEE TABLE 203.1 FOR REQUIRED PAVEMENT SECTION, WITH 2" OF COLD MIX. REMOVE COLD MIX IN SPRING AND PLACE 2" OF No. 11 HMA FOR PERMANENT PATCH



- NOTES:**
- PATCH TO MATCH EXISTING PAVEMENT SLOPES
 - EXISTING PAVEMENT TO BE SAW CUT PRIOR TO REMOVAL TO PROVIDE A CLEAN FACE FOR PATCHING
 - PLACE EXCAVATABLE FLOWABLE BACKFILL IN ACCORDANCE WITH SECTION 213-04 OF THE INDOT 2008 STANDARD SPECIFICATIONS
 - TRENCH SPOILS TO BE REMOVED FROM SITE IF UNSUITABLE
 - RESTORE DAMAGED OR REMOVED PAVEMENT MARKINGS

- Ⓐ SEE TABLE 203.1 FOR REQUIRED PAVEMENT SECTION AND TABLES 201.1 AND 201.2 FOR HMA MIX REQUIREMENT
- Ⓑ FULL DEPTH EXCAVATABLE FLOWABLE FILL OR APPROVED TRENCH MATERIAL OR B-BORROW COMPACTED IN 12" LIFTS TO 98% MODIFIED PROCTOR

The City Of Goshen
 Department of Public Works & Safety
 Office of Engineering
 204 East Jefferson Street, Goshen, Indiana 46528
 Phone: 574-534-2201 Fax: 574-533-8626

CITY OF GOSHEN, INDIANA
TYPICAL DETAIL
 TYPICAL TRENCH PAVEMENT PATCH DETAIL
 5' OR GREATER PAVEMENT CUT

Project Number:	
Designed By: J. Hoffman	Approved By: D. Sailor, P.E.
Drafted By: J. Hoffman	Date: 11/18/2020
Scale: NOT TO SCALE	

STREET CLASS	COMPACTED SUB-BASE (No. 53)	AGGREGATE DRAINAGE LAYER (No. 8)	HOT MIX ASPHALT (HMA)			CONCRETE (PCC)	
			BASE (No. 5)	BINDER (No. 8)	SURFACE (No. 11)		
FLEXIBLE	MINOR ARTERIAL	6"	6"	6"	2.5"	1.5"	-
	COLLECTOR & INDUSTRIAL	6"	6"	4"	2.5"	1.5"	-
	LOCAL	6"	6"	3"	2.5"	1.5"	-
RIGID	MINOR ARTERIAL	6"	6"	-	-	-	9"
	COLLECTOR & INDUSTRIAL	6"	6"	-	-	-	8"
	LOCAL	6"	4" - 6"	-	-	-	6"

SIEVE SIZE	BASE MIXTURES No. 5 (3"-4" LIFT)	BINDER MIXTURES No. 8 (2.5" LIFT)	SURFACE MIXTURES No. 11 (1.5" LIFT)
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

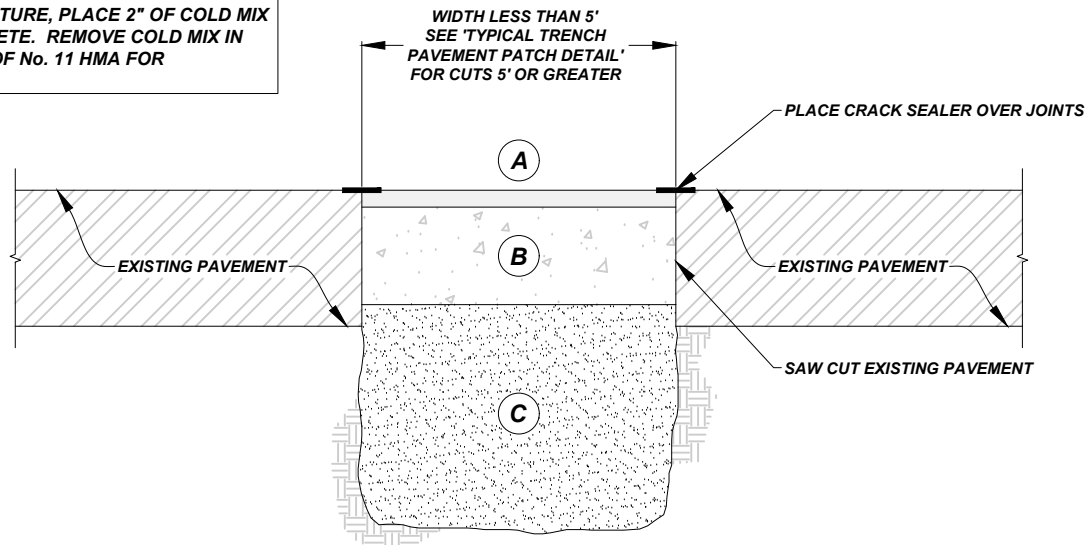
COURSE	HMA MIX DESIGNATION		
	LV	MV	HV
BASE	70	40	70
BINDER	55	70	70
SURFACE	100	100	100

LV (LOW VOLUME) - LOCAL STREETS AND CUL-DE-SAC
MV (MEDIUM VOLUME) - COLLECTOR AND INDUSTRIAL
HV (HIGH VOLUME) - ARTERIAL

<p>The City Of Goshen Department of Public Works & Safety Office of Engineering 204 East Jefferson Street, Goshen, Indiana 46528 Phone: 574-534-2201 Fax: 574-533-8626</p>	<p>CITY OF GOSHEN, INDIANA TYPICAL DETAIL</p>	Project Number:	
		Designed By: J. Hoffman	Approved By: D. Sailor, P.E.
		Drafted By: J. Hoffman	Date: 11/18/2020
		Scale: NOT TO SCALE	
<p>TYPICAL PAVEMENT SECTIONS AND HMA/PCC MATERIAL REQUIREMENTS</p>			

SPECIAL NOTE:

IF WORK IS DONE DURING THE WINTER OR BELOW ACCEPTABLE TEMPERATURE, PLACE 2" OF COLD MIX OVER CLASS 'A' CONCRETE. REMOVE COLD MIX IN SPRING AND PLACE 2" OF No. 11 HMA FOR PERMANENT PATCH



- (A) 2" (220#/SYD) HMA SURFACE, No. 11 (COLD MIX NOT ACCEPTABLE), OVER
- (B) 9" CLASS 'A' CONCRETE (MINOR ARTERIAL), OVER
8" CLASS 'A' CONCRETE (COLLECTOR AND INDUSTRIAL), OVER
6" CLASS 'A' CONCRETE (LOCAL), OVER
- (C) EXCAVATABLE FLOWABLE FILL, FULL DEPTH

<p>The City Of Goshen Department of Public Works & Safety Office of Engineering 204 East Jefferson Street, Goshen, Indiana 46528 Phone: 574-534-2201 Fax: 574-533-8626</p>	<p>CITY OF GOSHEN, INDIANA TYPICAL DETAIL</p>		Project Number:		
	<p>TYPICAL SMALL UTILITY PATCH DETAIL UNDER 5' WIDE PAVEMENT CUT</p>		Designed By: J. Hoffman	Approved By: D. Sailor, P.E.	
			Drafted By: J. Hoffman	Date: 11/18/2020	
			Scale: NOT TO SCALE		