Michigan Department
of Transportation
1946 (02/13)

CPM-HMA ULTRA-THIN OVERLAY
(WORKSHEET)
Field Evaluation of Warranty Performance

FOR USE WITH 12SP504(C)

CONTRACTOR	INSPECTION DATE
CONTROL SECTION	INSPECTED BY
JOB NUMBER	REVIEWED BY
ROUTE	RESIDENT ENGINEER
INSPECTION LIMITS	

RECORD DISTRESS MEASUREMENTS ON CURSORY OR DETAILED FORMS THEN COME BACK TO THIS TABLE TO DETERMINE IF CORRECTIVE WORK IS REQUIRED.

DETERMINATION OF CORRECTIVE ACTION

	NUMBER OF SEGMENTS EXCEEDING THRESHOLD	NUMBER OF ALLOWABLE SEGMENT FAILURES PER DRIVING LANE	NUMBER OF SEGMENTS WITH DISTRESS EXCEEDING 10% OF LENGTH	NUMBER OF ALLOWABLE SEGMENTS WITH DISTRESS EXCEEDING 10% OF LENGTH	COMMENTS
RAVELING		ANY COMBINATION OF RAVELING, BLEEDING/FLUSHING, OR DEBONDING		1	
BLEEDING/FLUSHING				1	
DEBONDING				1	
TOTAL		4			
RUTTING		1			

IS WARRANTY WORK REQUIRED? ☐ YES ☐ NO

DISTRIBUTION: REGION OFFICE, TSC MANAGER, RESIDENT ENGINEER, WARRANTY CONTRACTOR, SURETY COMPANY[1,2]
1 - DISTRIBUTION AT THE END OF THE WARRANTY PERIOD
2 - DISTRIBUTION WHEN WARRANTY WORK IS REQUIRED

CPM-HMA ULTRA-THIN OVERLAY
(DETAILED INSPECTION)

RAVELING (THRESHOLD LIMIT = 8% OF SEGMENT LENGTH)

DRIVING LANE DESCRIPTION	SEGMENT NO.	LENGTH OF DISTRESS (FT)	EXCEEDS THRESHOLD LIMITS?	DISTRESS EXCEEDS 10% OF SEGMENT LENGTH?	COMMENTS
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
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			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
TOTAL SEGMENTS EXCEEDING THRESHOLD LIMITS					

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CPM-HMA ULTRA-THIN OVERLAY
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BLEEDING/FLUSHING (THRESHOLD LIMIT = 5% OF SEGMENT LENGTH)

DRIVING LANE DESCRIPTION	SEGMENT NO.	LENGTH OF DISTRESS (FT)	EXCEEDS THRESHOLD LIMITS?	DISTRESS EXCEEDS 10% OF SEGMENT LENGTH?	COMMENTS
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
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			☐ YES ☐ NO	☐ YES ☐ NO	
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			☐ YES ☐ NO	☐ YES ☐ NO	
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			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
TOTAL SEGMENTS EXCEEDING THRESHOLD LIMITS					

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Clear Form

CPM-HMA ULTRA-THIN OVERLAY
(DETAILED INSPECTION)

DEBONDING (THRESHOLD LIMIT = 5% OF SEGMENT LENGTH)

DRIVING LANE DESCRIPTION	SEGMENT NO.	LENGTH OF DISTRESS (FT)	EXCEEDS THRESHOLD LIMITS?	DISTRESS EXCEEDS 10% OF SEGMENT LENGTH?	COMMENTS
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
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			☐ YES ☐ NO	☐ YES ☐ NO	
			☐ YES ☐ NO	☐ YES ☐ NO	
TOTAL SEGMENTS EXCEEDING THRESHOLD LIMITS					

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CPM-HMA ULTRA-THIN OVERLAY
(DETAILED INSPECTION)

RUTTING (THRESHOLD LIMIT = 1/4" AVERAGE)

DRIVING LANE DESCRIPTION	SEGMENT NO.	AVERAGE RUT DEPTH IN LEFT WHEEL PATH (IN))	AVERAGE RUT DEPTH IN RIGHT WHEEL PATH (IN)	EXCEEDS THRESHOLD LIMIT?	COMMENTS
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
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				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
				☐ YES ☐ NO	
TOTAL SEGMENTS EXCEEDING THRESHOLD LIMIT					

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2 - DISTRIBUTION WHEN WARRANTY WORK IS REQUIRED