

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	MCLEAN	11	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* CM PATCHING 2008-1				

**CENTERLINE JOINT REPAIR**

LOCATION	LENGTH	WIDTH	AREA	44000157 - HMA SURFACE REMOVAL, 2"	40800100 - BITUMINOUS MATLS. (PRIME COAT)	40603345 - HMA SURF. CSE., MIX D, N90, (2")	78003130 - PREF. PLAST. PAV'T MRKG., TY. B, 6"	* 78300200 - RPM REMOVAL	78100100 - RPM'S
				FOOT	FOOT	SQ YD	SQ YD	GAL	TON
<b>WB I-74</b>									
OMISSION (S.N. 057-0048)									
STA. 720+52.36 - 737+00	1647.6	2	366.1	366.1	36.6	41.0	411.9	30.9	41.2
STA. EQU. 673+50 (BK) = 670+00 (AH)									
STA. 607+00 - 718+74.77	11174.77	2	2483.3	2483.3	248.3	278.1	2793.7	209.5	279.4
<b>EB I-74</b>									
STA. 603+50 - 673+50	7000	2	1555.6	1555.6	155.6	174.2	1750.0	131.3	175.0
STA. EQU. 673+50 (BK) = 670+00 (AH)									
STA. 670+00 - 718+77.72	4877.7	2	1083.9	1083.9	108.4	121.4	1219.4	91.5	121.9
OMISSION (S.N. 057-0047)									
STA. 720+55.3 - 737+00	1644.7	2	365.5	365.5	36.5	40.9	411.2	30.8	41.1
<b>TOTALS</b>				<b>5854.4</b>	<b>585.4</b>	<b>655.7</b>	<b>6586.2</b>	<b>494.0</b>	<b>658.6</b>
<b>USE</b>				<b>5855.0</b>	<b>586.0</b>	<b>656.0</b>	<b>6587.0</b>	<b>494.0</b>	<b>659.0</b>

\* RPM Removal was figured at 75% of the proposed RPM's.

NOTE: MILLING, PLACEMENT OF ASPHALT, AND PAVEMENT MARKING MUST BE COMPLETED THE SAME DAY.

**PATCHING SCHEDULE FOR CLASS D PATCHES**

STATION	DIRECTION	LANE	LENGTH	WIDTH	DEPTH	PATCH AREA			
						TYPE I	TYPE II	TYPE III	TYPE IV
						10.3"	10.3"	10.3"	10.3"
			(ft)	(ft)	(Inch)	(sq. yd)	(sq. yd)	(sq. yd)	(sq. yd)
S.N. 057-0047	EB	DL	4	12	10 1/4		5.3		
			4	12	10 1/4		5.3		
		PL	4	12	10 1/4		5.3		
			4	12	10 1/4		5.3		
S.N. 057-0048	WB	DL	4	12	10 1/4		5.3		
			4	12	10 1/4		5.3		
		PL	4	12	10 1/4		5.3		
			4	12	10 1/4		5.3		
<b>SHEET TOTALS</b>						<b>0.0</b>	<b>43.0</b>	<b>0.0</b>	<b>0.0</b>

NOTE: ACTUAL PATCHING LOCATIONS SHALL BE DETERMINED BY RESIDENT ENGINEER AND COORDINATED WITH THEIR RESPECTIVE FIELD ENGINEER.

**PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING**

DIRECTION	LANE	LENGTH	WIDTH	EXISTING	PARTIAL	PARTIAL
				OVERLAY	DEPTH	DEPTH
				THICKNESS	REMOVAL	PATCHING
		(ft)	(ft)	(Inch)	(sq. yd)	(tons)
EB	DL	350	12	3 1/4	466.7	84.9
	PL	100	12	3 1/4	133.3	24.3
	PL	50	12	3 1/4	66.7	12.1
<b>SHEET TOTALS</b>				<b>667.0</b>	<b>122.0</b>	

NOTE 1: THIS ITEM SHALL ONLY BE USED FOR PARTIAL DEPTH PATCHES.

NOTE 2: ACTUAL PATCHING LOCATIONS SHALL BE DETERMINED BY RESIDENT ENGINEER AND COORDINATED WITH THEIR RESPECTIVE FIELD ENGINEER.

**78000200 - THERMOPLASTIC PAVEMENT MARKING, 4"**

LOCATION	FOOT
CLASS A PATCHES	575.0
CLASS D PATCHES	32.0
PARTIAL DEPTH PATCHES	500.0
<b>TOTAL</b>	<b>1107.0</b>

**CLASS A PAVEMENT PATCHING**

STATION	DIRECTION	LANE	LENGTH	WIDTH	PATCH AREA				44213200 - SAW CUTS	Z0075300 - TIE BARS	44213000 - PATCHING REINFORCEMENT
					TYPE I	TYPE II	TYPE III	TYPE IV			
					10.3"	10.3"	10.3"	10.3"			
			(ft)	(ft)	(sq. yd)	(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(sq. yd)
S.N.057-0231	EB		4.5	12		6.0			57.0		6.0
TO			4.5	12		6.0			57.0		6.0
S.N.057-0005			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
I-55 BUSN		PL	12	12				16.0	72.0		16.0
TO		DL	50	12					148.0	25	66.7
US 51											
US 51		DL	120	12					160.0	60	160.0
TO											
MILE 135.8											
<b>SHEET TOTALS</b>					<b>24.0</b>	<b>16.0</b>	<b>226.7</b>	<b>736.0</b>	<b>85.0</b>	<b>266.7</b>	

**CLASS A PAVEMENT PATCHING**

STATION	DIRECTION	LANE	LENGTH	WIDTH	PATCH AREA				44213200 - SAW CUTS	Z0075300 - TIE BARS	44213000 - PATCHING REINFORCEMENT
					TYPE I	TYPE II	TYPE III	TYPE IV			
					10.3"	10.3"	10.3"	10.3"			
			(ft)	(ft)	(sq. yd)	(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(sq. yd)
MILE 135.8	WB		12	12					16.0		16.0
TO			12	12					16.0		16.0
S.N.057-0048											
S.N.057-0048		DL	6	12		8.0			60.0		8.0
TO			6	12		8.0			60.0		8.0
S.N.057-0116			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
		PL	4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
S.N.057-0116		DL	4.5	12		6.0			57.0		6.0
TO			4.5	12		6.0			57.0		6.0
S.N.057-0061			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
S.N.057-0081		DL	120	12					160.0	60	160.0
TO			120	12					160.0	60	160.0
S.N.057-0231			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
		PL	4.5	12		6.0			57.0		6.0
			4.5	12		6.0			57.0		6.0
<b>SHEET TOTALS</b>					<b>148.0</b>	<b>32.0</b>	<b>320.0</b>	<b>2094.0</b>	<b>120.0</b>	<b>500.0</b>	
<b>CLASS A PATCHING TOTALS</b>					<b>172.0</b>	<b>48.0</b>	<b>547.0</b>	<b>2830.0</b>	<b>205.0</b>	<b>767.0</b>	

\* NOTE: ALL CLASS A PATCHES SHALL BE COMPLETED PRIOR TO THE CENTERLINE JOINT REPAIR.

\*\* ACTUAL PATCHING LOCATIONS SHALL BE DETERMINED BY RESIDENT ENGINEER AND COORDINATED WITH THEIR RESPECTIVE FIELD ENGINEER.

**TRAFFIC CONTROL ITEMS**

LOCATION	UNIT	QUANTITY
TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0
TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0
TRAFFIC CONTROL SURVEILLANCE	CAL DA	10.0
TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	9.0
CHANGEABLE MESSAGE SIGN	CAL DA	28.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PATCHING SCHEDULE OF QUANTITIES**

SCALE: VERT. / HORIZ. / DATE

DRAWN BY / CHECKED BY

PLOT DATE = 5/16/2007  
 FILE NAME = c:\projects\70650\1-7\patching.dgn  
 PLOT SCALE = 1/8"=1'-0" / IN.  
 USER NAME = collierb