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STATE STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
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HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
FOR USE ON HMA SURFACES	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (IL 9.5 MM), 2"	PG 64-22	4% @ 90 GYR
FOR USE ON PCC SURFACES	CLASS D PATCHES, (HMA BINDER IL-25.0 MM)	PG 64-22	4% @ 105 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (OR TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (OR ISTHA).

WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISABILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT MR. DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT (847) 741-9857 MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE EXISTING ROADWAY TYPICAL SECTION FOR HOT-MIX ASPHALT SURFACES IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT OVERLAY ON TOP OF A TEN INCH CONCRETE BASE. THE EXISTING ROADWAY TYPICAL SECTION FOR CONCRETE SURFACES IS ASSUMED TO BE 10 INCHES OF FULL DEPTH PORTLAND CEMENT CONCRETE PAVEMENT.

ALL PAVEMENT PATCHES ON HOT-MIX ASPHALT SURFACES SHOWN IN THE PLANS ARE TO BE TWO (2) INCH MILL AND RESURFACE ONLY. THE MINIMUM WIDTH FOR MILLING AND PATCHING SHALL BE TWO (2) FEET. ALL PAVEMENT PATCHES ON CONCRETE SURFACES ARE TO BE 10 INCH CLASS D PATCHES.



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SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			TOTAL		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	I000						CODE NO	ITEM	UNIT	TOTAL QUANTITIES						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6	6															
40600300	AGGREGATE (PRIME COAT)	TON	27	27															
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	40	40															
40600895	CONSTRUCTING TEST STRIP	EACH	1	1															
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	659	659															
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	1475	1475															
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	13167	13167															
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	115	115															
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	406	406															
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	106	106															
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	178	178															
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6															
67100100	MOBILIZATION	L SUM	1	1															
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	3198	3198															
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1333	1333															
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	220	220															
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22928	22928															
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1350	1350															
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	165	165															
*78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	3198	3198															
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	308	308															
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	308	308															
*88600600	DETECTOR LOOP REPLACEMENT	FOOT	600	600															
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1															
X0325702	NIGHT TIME WORK ZONE LIGHTING	L SUM	1	1															

* SPECIALTY ITEM

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