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STATE STANDARDS

| <u>STANDARD NO.</u> | <u>DESCRIPTION</u>  |
|---------------------|---|
| 000001-05           | TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS               |
| 701101-02           | OFF-RD. OPERATIONS, MULTILANE                             |
| 701400-03           | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY              |
| 701401-05           | LANE CLOSURE, FREEWAY/EXPRESSWAY                          |
| 701411-05           | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP         |
| 701426-03           | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION |
| 701446-01           | TWO LANE CLOSURE, FREEWAY/EXPRESSWAY                      |
| 701901-01           | TRAFFIC CONTROL DEVICES                                   |

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

|                         | <u>MIXTURE TYPE</u>  | <u>AC TYPE</u> | <u>AIR VOIDS (%)</u> |
|-------------------------|--|----------------|----------------------|
| 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.

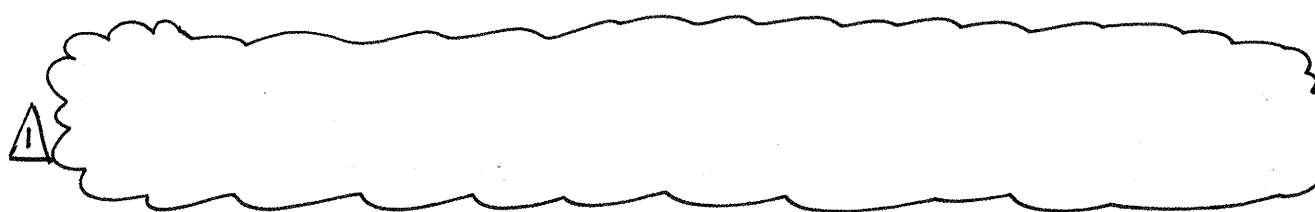
ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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. WALLY CZARNY, AREA TRAFFIC FIELD ENGINEER AT (773) 685-8386 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<br>TOTAL<br>QUANTITIES | CONSTRUCTION TYPE CODE |                        |  |  |  |  | SUMMARY OF QUANTITIES |      |      | TOTAL<br>QUANTITIES | CONSTRUCTION TYPE CODE |  |  |  |  |  |
|-----------------------|--|--------|------------------------------|------------------------|------------------------|--|--|--|--|-----------------------|------|------|---------------------|------------------------|--|--|--|--|--|
| CODE NO               | ITEM   | UNIT   |                              | COOK<br>COUNTY<br>1000 | LAKE<br>COUNTY<br>1000 |  |  |  |  | CODE NO               | ITEM | UNIT |                     |                        |  |  |  |  |  |
| 40600200              | BITUMINOUS MATERIALS (PRIME COAT)                                | TON    | 2                            | 2                      |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 40600300              | AGGREGATE (PRIME COAT)   | TON    | 6                            | 6                      |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 40600400              | MIXTURE FOR CRACKS, JOINTS,<br>AND FLANGWAYS                     | TON    | 9                            | 9                      |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 40600895              | CONSTRUCTING TEST STRIP  | EACH   | 1                            | 0.8                    | 0.2                    |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 40600982              | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT<br>JOINT                  | SO YD  | 146                          | 146                    |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 40603345              | HOT-MIX ASPHALT SURFACE COURSE,<br>MIX "D", N90                  | TON    | 325                          | 325                    |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 44000157              | HOT-MIX ASPHALT SURFACE REMOVAL, 2"                              | SO YD  | 2901                         | 2901                   |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 44201761              | CLASS D PATCHES, TYPE I, 10 INCH                                 | SO YD  | 170                          | 128                    | 42                     |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 44201765              | CLASS D PATCHES, TYPE II, 10 INCH                                | SO YD  | 110                          | 88                     | 22                     |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 44201769              | CLASS D PATCHES, TYPE III, 10 INCH                               | SO YD  | 58                           | 58                     |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 44201771              | CLASS D PATCHES, TYPE IV, 10 INCH                                | SO YD  | 651                          | 134                    | 517                    |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 67000400              | ENGINEER'S FIELD OFFICE, TYPE A                                  | CAL MO | 6                            | 4                      | 2                      |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 67100100              | MOBILIZATION   | L SUM  | 1                            | 0.8                    | 0.2                    |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 70300530              | PAVEMENT MARKING TAPE, TYPE III 5"                               | FOOT   | 191                          | 52                     | 139                    |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 70301000              | WORK ZONE PAVEMENT MARKING REMOVAL                               | SO FT  | 80                           | 22                     | 58                     |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| * 78000200            | THERMOPLASTIC PAVEMENT MARKING<br>- LINE 4"                      | FOOT   | 14790                        | 10352                  | 4438                   |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| * 78004220            | PREFORMED PLASTIC PAVEMENT MARKING,<br>TYPE B - INLAID - LINE 5" | FOOT   | 191                          | 52                     | 139                    |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| * 78100100            | RAISED REFLECTIVE PAVEMENT MARKER                                | EACH   | 30                           | 10                     | 20                     |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| 78300200              | RAISED REFLECTIVE PAVEMENT MARKER<br>REMOVAL                     | EACH   | 30                           | 10                     | 20                     |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| X7011015              | TRAFFIC CONTROL AND PROTECTION<br>(EXPRESSWAYS)                  | L SUM  | 1                            | 0.8                    | 0.2                    |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| X0325702              | NIGHTTIME WORK<br>ZONE LIGHTING                                  | L SUM  | 1                            | 0.8                    | 0.2                    |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |
| * SPECIALTY ITEM      |  |        |                              |                        |                        |  |  |  |  |                       |      |      |                     |                        |  |  |  |  |  |

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