

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

| SHEET NO. | DESCRIPTION  | STANDARD NO. | DESCRIPTION   |
|-----------|--|--------------|---|
| 1         | TITLE SHEET  | 000001 -06   | TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS                                 |
| 2         | INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES                                     | 701011 -02   | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY                                  |
| 3         | SUMMARY OF QUANTITIES  | 701301 -04   | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                                 |
| 4         | GENERAL LOCATION MAP   | 701306 -03   | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY                     |
| 5         | ROUTE INFORMATION  | 701311 -03   | LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY                            |
| 6         | SUMMARY OF PATCHING SCHEDULE   | 701336 -06   | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES                                  |
| 7-20      | PATCHING SCHEDULE  | 701421 -04   | LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH |
| 21        | BUTT JOINT AND HMA TAPER DETAILS (BD-32)   | 701426 -04   | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS                  |
| 22        | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)     | 701427       | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH  |
| 23        | TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11) | 701501 -06   | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED                                       |
| 24        | DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)   | 701502 -04   | URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE               |
| 25        | TRAFFIC CONTROL AND PROTECTION OF TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)        | 701601 -07   | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN          |
| 26        | PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)                       | 701602 -05   | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE         |
| 27        | ARTERIAL ROAD INFORMATION SIGN (TC-22)   | 701606 -08   | URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN                     |
| 28        | STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05, SHEET 1 OF 6)                           | 701701 -08   | URBAN LANE CLOSURE, MULTILANE INTERSECTION                                  |
| 29        | DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING (TS-07)                      | 701901 -02   | TRAFFIC CONTROL DEVICES   |

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)

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)

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) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT MS. PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER AT (708) 597-9800 MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

THE EXISTING ROADWAY TYPICAL SECTION IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT OVERLAY ON TOP OF A TEN INCH CONCRETE BASE.

ALL PAVEMENT PATCHES SHOWN IN THE PLANS ARE TWO (2) INCH MILL AND RESURFACE ONLY. THE MINIMUM WIDTH FOR MILLING AND PATCHING SHALL BE THREE (3) FEET.

NO PATCHING OR RESURFACING IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD CROSSING.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING

THE COST OF TRAFFIC CONTROL AND PROTECTION FOR THE PROJECT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED ROAD WORK.

THE COST OF ANY PARTIAL OR FULL DEPTH PATCHING REQUIRED AFTER THE REMOVAL OF THE EXISTING 2 INCH HOT-MIX ASPHALT SURFACE SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

ANY DETECTOR LOOPS DAMAGED BY MILLING SHALL BE REPLACED IN KIND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THE RESIDENT ENGINEER THIS INFORMATION PRIOR TO GRINDING OR REMOVAL.

ALL LOOP DETECTOR LOCATIONS SHALL BE CURB MARKED BY THE CONTRACTOR PRIOR TO MILLING FOR THE PURPOSE OF REESTABLISHING DETECTOR LOOP LAYOUT AFTER THE RESURFACING IS COMPLETED.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS. ANY MILLED PAVEMENT IS TO BE RESURFACED BY THE END OF EACH DAY AND OPEN TO TRAFFIC.

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS                        |                                   |
|---|-----------------------------------|
| MIXTURE TYPE  | AIR VOIDS (%) @ N <sub>DES.</sub> |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5MM), 2" | 4% @ 70 GYR                       |

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

|  |                     |            |                          |   |   |                           |             |             |              |           |  |
|--|---------------------|------------|--------------------------|---|---|---------------------------|-------------|-------------|--------------|-----------|--|
| FILE NAME *                                    | USER NAME * pencepl | DESIGNED - | REVISED - PLP 04/30/2012 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b> | F.A. RTE.                 | SECTION     | COUNTY      | TOTAL SHEETS | SHEET NO. |  |
| c:\pwork\p\p\pencepl\0303732\014012-Design.dgn |                     | DRAWN -    | REVISED -                |   |   | VAR.                      | 2012-018 RS | COOK & WILL | 29           | 2         |  |
| PLOT SCALE * 100.0000 ' / in.                  |                     | CHECKED -  | REVISED -                |   |   | <b>CONTRACT NO. 60T64</b> |             |             |              |           |  |
| PLOT DATE * 4/30/2012                          |                     | DATE -     | REVISED -                |   |   | ILLINOIS FED. AID PROJECT |             |             |              |           |  |
|  |                     |            |                          | SCALE:  | SHEET   | OF                        | SHEETS      | STA.        | TO           | STA.      |  |