

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT				

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 EXISTING AND PROPOSED TYPICAL SECTIONS
- 5-11 ROADWAY AND PAVEMENT MARKING PLANS
- 12 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- 13 BUTT JOINT AND HMA TAPER DETAILS
- A** 13A DRIVEWAY APRON DETAIL
- 14 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- 15 TRAFFIC CONTROL & PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
- 16 TYPICAL RECESSED REFLECTIVE PAVEMENT MARKERS
- 17 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- 18 TEMPORARY INFORMATION SIGNING
- 19 PAVEMENT MARKING LETTERS & SYMBOLS FOR TRAFFIC STAGING
- 20-26 CROSS SECTIONS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, SENECA TOWNSHIP, AND MCHENRY COUNTY.

THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.

ALL HOT-MIX ASPHALT PAVEMENT PATCHING SHALL BE CLASS D

THE UNIT WEIGHT (CONVERSION FACTOR) QUOTED IS FOR ESTIMATING PLAN QUANTITIES ONLY. ACTUAL QUANTITIES TO FULFILL CONTRACT REQUIREMENTS WILL BE DETERMINED BASED ON UNIT WEIGHT OF APPROVED MIX DESIGN, PLAN DIMENSIONS, AND DENSITY LIMITATIONS. MAXIMUM PAYMENT WILL BE COMPUTED BASED ON WEIGHT AVERAGE DENSITIES OF THE IN-PLACE MIXTURE.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEETS INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.

THE RESIDENT ENGINEER SHALL CONTACT DEBBIE HANLEN, AREA TRAFFIC ENGINEER, AT (847) 438-2300 A MINIMUM OF 72 HOURS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH WITHOUT WRITTEN APPROVAL FROM THE RESIDENT ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

STATE STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 420001-06 PAVEMENT JOINTS
- 442201-02 CLASS C & D PATCHES
- 482011-02 HMA SHOULDER STRIPS/SHLDRS, WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 701006-02 OFF-ROAD OPERATIONS, 2L, 2W 4.5M (15') TO PAVEMENT EDGE, FOR SPEEDS ≥ 45 MPH
- 701011-01 OFF-ROAD MOVING OPERATIONS, 2L, 2W DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED ≥ 45 MPH
- 702001-06 TRAFFIC CONTROL DEVICES
- 781001-01 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

SCHEDULE OF QUANTITIES (EARTHWORK)

1	2	3	4	5	6
IL 176 (DETOUR ROUTE)	EARTH EXCAVATION (CU YD)	EMBANKMENT (CU YD)	ADJUSTMENT FOR SHRINKAGE (CU YD)	FURNISHED EXCAVATION (CU YD)	TOP SOIL FURNISH AND PLACE (SQ YD)
MILLSTREAM RD.: STA. 64+41 - STA. 65+21	12.98	16.11	11.03	-5.08	263
GARDENVALLEY RD.: STA. 100+20 - STA. 101+60	12.32	22.22	10.47	-11.75	
IL 176: STA. 500+20 - STA. 500+80	15.21	7.24	12.93	5.69	
NORTH UNION RD.: STA. 699+65 TO STA. 200+85	12.18	14.93	10.35	-4.58	168
TOTAL	52.69	60.50	44.78	-15.72	431
COLUMN 1: LOCATION FROM PLANS COLUMN 2: CUT QUANTITIES COLUMN 3: FILL QUANTITIES	COLUMN 4: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15% COLUMN 5: COLUMN 4 - COLUMN 3, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION NEEDED COLUMN 6: TOPSOIL FURNISH AND PLACE= AREA OF SEEDING				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DETOUR FOR BRIDGE OVER
 THE SOUTH BRANCH KISHWAUKEE RIVER ON IL 176
 INDEX OF SHEETS, GENERAL NOTES,
 AND STATE STANDARDS

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE 8/11/2007

A Rev. 9-4-07