

INDEX OF SHEETS:

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OR QUANTITIES
5	SCHEDULE OF QUANTITIES
6-14	TYPICAL SECTIONS
15-26	EXISTING/ PROPOSED ROADWAY PLANS
27-38	PROPOSED PAVEMENT MARKING PLANS
39-45	DETECTOR LOOP PLANS
46	SUPER-ELEVATION RESURFACING DETAIL
47	DETAILS FOR FRAME AND LIDS ADJUSTMENT WITH MILLING
48	PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT
49	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
50	BUTT JOINT AND BITUMINOUS TAPER DETAILS
51	BITUMINOUS TAPER AT EDGE OF P.C.C. PAVEMENT
52	METHOD OF FLAGGING
53	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
54	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
55	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
56	TRAFFIC CONTROL AND PROTECTION AT TURNBAYS (TO REMAIN OPEN TO TRAFFIC)
57	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
58	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
59	TEMPORARY INFORMATION SIGNING
60	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKINGS TREATMENT FOR RAILROAD CROSSINGS
61	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING

STATE STANDARDS:

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
604001-02	FRAME AND LIDS, TYPE 1
606301-02	PC CONCRETE ISLANDS AND MEDIANS
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS- DAY ONLY
701421-01	LANE CLOSURE, MULTILANE DAY OPERATIONS ONLY FOR SPEEDS > 45 MPH TO 55 MPH
701422-01	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701601-04	URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-05	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS

701201-02  
701306-01  
701336-04

QC/QA CONCRETE SCHEDULE

QC/QA CONCRETE	LENGTH (FOOT)	AREA (SQ. FT.)	CU. YD.
COMB. CONC. CURB AND GUTTER, TYPE B-6.6	4739	1.09	192
CONCRETE MEDIAN TYPE SB-6.6	3275	4.84	587
COMB. CONC. CURB AND GUTTER, TYPE B-6.12	14400	1.5	800
CONCRETE MEDIAN SURFACE, 4"			149
P.C.C. SIDEWALK, 5"			35
TOTAL QC/QA (CU. YD.)			1763

MIXTURE REQUIREMENTS

ITEM	AC TYPE	VOID	RAP %
BITUMINOUS REPLACEMENT OVER PATCHES	PG 64-22	4% @ 70 GYR	15
CLASS D PATCHES TYPE II, III AND IV, 10"	PG 64-22	4% @ 70 GYR	15
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 1 1/2"	PG 64-22	4% @ 50 GYR	15
POLYMERIZED LEVELING BINDER (MACHINE METHOD) SUPERPAVE, IL-4.75, N50, 3/4"	SBS/SBR PG 76-28	2.5% @ 50 GYR	0
POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90, 1 3/4"	SBS/SBR PG 76-22	4% @ 90 GYR	0

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 HOUR NOTIFICATION IS REQUIRED).
- 3 METER (10 FEET) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGES OF PALATINE AND ARLINGTON HEIGHTS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 40 MM (1 1/2 INCHES) WHERE THE SPEED LIMIT IS 80 KM/H (45 MPH) OF LESS AND 25 MM (1 INCH) WHERE THE SPEED LIMIT IS GREATER THAN 80 KM/H (45 MPH). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 75 MM (3 INCHES) MAY BE ALLOWED IF THE EDGE OF MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND PERFORMED PLASTIC AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL. TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS, CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER AT 773-685-8386.
- FOR PAY ITEM "MIXTURES FOR CRACKS, JOINTS AND FLANGEWAYS", BLOWING AND CLEANING OF THE CRACKS ARE INCLUDED IN THE PRICE.
- THE CONTRACTOR SHALL ONLY USE OVERNIGHT CLOSURES FOR MEDIAN CONSTRUCTION AND REPAIR, CURB AND GUTTER INSTALLATION, AND ADJUSTMENT OF STRUCTURES (SPECIAL) WITH THE APPROVAL OF THE RESIDENT ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.P. 305/ FAU 1285 (PALATINE ROAD)  
CEDAR STREET TO E/O US 12  
INDEX OF SHEETS, LIST OF STATE  
STANDARDS, SUMMARY OF  
QUANTITIES AND GENERAL NOTES

SCALE: VERT.  
HORIZ.  
DATE 01-31-05

DRAWN BY  
CHECKED BY

Rev.