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HIGHWAY STANDARDS

STD. NO.	TITLE
442201-03	CLASS C AND D PATCHES
604001-03	FRAME AND GRATE, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701606-00	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-00	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) 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 ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE 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 HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO DISTRICT ONE TYPICAL MARKINGS FOR DETAILS NOT SHOWN.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- MATCH EXISTING PAVEMENT MARKINGS AT PROJECT LIMITS.
- THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT 847-715-8419 AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

~~THE CONTRACTOR SHALL PATCH BEFORE MILLING~~

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50	4% @ 50 GYR
CLASS D PATCHES (HMA BINDER IL 19mm)	4% @ 70 GYR
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL 19 mm) 3 1/4"	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE A IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" 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.

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FILE NAME =	USER NAME = .USER.	DESIGNED - EF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREEN BAY ROAD/GLENCOE ROAD - SCOTT AVENUE TO 16TH STREET			F.A.U. RTE. 2744	SECTION 2009-120 RS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 2
	PLOT SCALE = 50.0000' / IN.	DRAWN - EF	REVISED -		INDEX OF SHEETS							
	PLOT DATE = 2/9/2010	CHECKED - RS	REVISED -		SCALE: NTS	SHEET NO. OF	SHEETS	STA. TO STA.				
		DATE - 01-29-2010	REVISED -								CONTRACT NO. 60J73	

Rev. 4-15-10

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

50% STATE / 50% CITY

PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN		50% STATE / 50% CITY	
			TOTAL QUANTITY	1000-2A STATE	KENILWORTH Y025	WINNETKA Y025
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	83	83	0	0
25200110	SODDING, SALT TOLERANT	SQ YD	83	83	0	0
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	71.2	68	0.2	3
40600300	AGGREGATE (PRIME COAT)	TON	353	339	1	13
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	132.3	127	0.3	5
40600826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	3,709	3,562	9	138
40600895	CONSTRUCTING TEST STRIP	EACH	2	2	0	0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	804	804	0	0
40601605	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	1,409	1,409	0	0
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	7,419	7,124	19	276
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	750	750	0	0
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	83,416	79,904	225	3,287
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4,908	4,908	0	0
44000600	SIDEWALK REMOVAL	SQ FT	750	750	0	0
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1,000	1,000	0	0
44002213	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/4"	SQ YD	10,488	10,488	0	0
44201798	CLASS D PATCHES, TYPE I, 1/3 INCH	SQ YD	2,500	2,500	0	0
44201803	CLASS D PATCHES, TYPE II, 1/3 INCH	SQ YD	3,500	3,500	0	0
44201807	CLASS D PATCHES, TYPE III, 1/3 INCH	SQ YD	1,600	1,600	0	0
44201809	CLASS D PATCHES, TYPE IV, 1/3 INCH	SQ YD	1,600	1,600	0	0
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	75	75	0	0
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	110	110	0	0
67000400	ENGINEERS FIELD OFFICE TYPE A	CAL MO	6	6	0	0
67100100	MOBILIZATION	L SUM	1	1	0	0
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	0	0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0	0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	7,981	6,818	35	1,128
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	924	924	0	0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	79,812	68,184	346	11,282
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12,090	12,090	0	0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,140	1,140	0	0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2,540	2,540	0	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	551	551	0	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	39,815	34,001	173	5,641
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6,100	6,100	0	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	570	570	0	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,270	1,270	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,173	1,173	0	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,173	1,173	0	0
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	3,184	3,184	0	0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	0	0
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	411	411	0	0
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	220	220		
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10	10		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1		
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	40	40		

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