

U.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 45	*	MASSAC	13	3

* D-9 SMART FY 06-3

MIX DESIGN

Location(s):	Bituminous Surface Course
Mixture Use(s):	Polymerized Bituminous Concrete Surface Course, Superpave, Mix D, N105
AC/PG	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 105 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	D Surface

Location(s):	Pavement Patching
Mixture Use(s):	Bituminous Concrete Binder Course, Superpave, N90, IL-19.0
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None

Location(s):	Bituminous Materials Prime Coat
Mixture Use(s):	Polymer Modified Emulsified Asphalt
Requirements:	SS-1HP or CSS-1HP

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION CONSTRUCTION TYPE CODE	UNIT	TOTAL QUANTITY	MASSAC CC.	MASSAC CO.
				URBAN 100% STATE	URBAN 100% CITY
				1000	1025
40600105	BITUMINOUS MATERIALS PRIME COAT (SPECIAL)	GAL	1,971	1,708	263
40600300	AGGREGATE PRIME COAT	TON	33	28	5
40600990	TEMPORARY RAMP	SQ YD	129	129	
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	21,893	18,973	2,920
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	5	5	
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	47	47	
44200164	PAVEMENT PATCHING, TYPE I, 14 INCH	SQ YD	232	232	
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	75	75	
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	24	24	
44213200	SAW CUTS	FOOT	238	238	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,260	2,260	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,283	2,283	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	565	565	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9,743	9,743	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	518	518	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	34	34	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	106	106	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5,079	5,079	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	565	565	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,743	9,743	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	518	518	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	34	34	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	106	106	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	229	229	
88600100	DETECTOR LOOP, TYPE I	FOOT	959	959	
X4066530	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N105	TON	1,839	1,594	245
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	1	1	
Z0017100	DOWEL BARS	EACH	136	136	
Z0075300	TIE BARS	EACH	4	4	

* [bracketed list of items 78000600 through 78000650]

*SPECIALTY ITEMS