

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6791	07-00401-25-BR	KNOX	18	3
STA. 44+90.00		TO STA. 47+77.20		
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	TOTAL QUANTITY
3510400	AGGREGATE BASE COURSE, TYPE "B"	TON	79.9
35300700	PORTLAND CEMENT CONCRETE BASE COURSE, 12"	SQ YD	195.3
40603080	H.M.A. BINDER COURSE, IL-19.0, N50	TON	12.0
40603335	H.M.A. SURFACE COURSE, MIXTURE D, N50	TON	99.9
42001300	PROTECTIVE COAT	SQ YD	169
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	181
44000100	PAVEMENT REMOVAL	SQ YD	226.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	64
44000600	SIDEWALK REMOVAL	SQ FT	176
44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	137.4
50101500	REMOVAL OF EXISTING SUPERSTRUCTURE	EACH	1
50102400	CONCRETE REMOVAL	CU YD	25.4
50200100	STRUCTURE EXCAVATION	CU YD	35.3
50300225	CONCRETE STRUCTURES	CU YD	31.9
50300255	CONCRETE SUPERSTRUCTURE	CU YD	24.6
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	4486
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	9,990
50900105	ALUMINUM RAILING, TYPE L	FOOT	123
51500100	NAME PLATES	EACH	1
54002020	EXPANSION BOLTS 3/4 INCH	EACH	448
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	445
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1072
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	35.3
60255500	MANHOLES TO BE ADJUSTED	EACH	3
60255600	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	5
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	64
60623711	CONCRETE MEDIAN	SQ FT	1577
67100100	MOBILIZATION	LSUM	1
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	LSUM	1
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5')	SQ FT	30
Z0013798	CONSTRUCTION LAYOUT	LSUM	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1

* SPECIALTY ITEMS

H.M.A. MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project.

MIXTURE USE(S):	SURFACE COURSE	BINDER COURSE
AC/PG:	PG 64-22	PG 64-22
RAP %: (MAX)**	15%	25%
DESIGN AIR VOIDS:	4.2% @ N _{max} = 50	4.2% @ N _{max} = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 or 12.5 (FOR 3" OVERLAY)	IL 19.0
FRICTION AGGREGATE:	MIXTURE D	N/A

**If 15% RAP is used, the Contractor may be required to use a softer grade of asphalt as determined by the Materials Engineers.

QUANTITIES NOT OTHERWISE SHOWN

LOCATION	SCHEDULE OF PAVEMENT RELATED QUANTITIES				
	AGGREGATE BASE COURSE VARIABLE THICKNESS	PORTLAND CEMENT CONCRETE BASE COURSE 12 INCH THICK	HMA SURFACE COURSE 3 INCH THICK U.N.O.	HMA BINDER COURSE 7 INCH THICK	HMA SURFACE COURSE 2 INCH THICK
	INCH	150 PCF	112 LB/SY/INCH	112 LB/SY/INCH	112 LB/SY/INCH
STA. 44+90 TO STA. 45+21.34	65.9	195.3	32.8	-	-
STA. 45+21.34 TO STA. 45+90.16	-	-	-	-	59.2
STA. 45+90.16 TO STA. 45+94.82	14.0	-	5.6	12.0	-
STA. 46+25 TO STA. 47+37	-	-	* 2.3	-	-
TOTAL	79.9	195.3	40.7	12.0	59.2

* THICKNESS AROUND PROPOSED MEDIAN

PAVEMENT REMOVAL
STA. 44+90 TO STA. 45+21.34
STA. 45+90.16 TO STA. 45+94.82
TOTAL 226.0 SQ YD

CONTROLLED LOW-STRENGTH MATERIAL
NORTH ABUTMENT 17.5 CU YD
SOUTH ABUTMENT 17.8 CU YD
TOTAL 35.3 CU YD

PAVEMENT REMOVAL (SPECIAL)
STA. 46+24 TO STA. 47+37
TOTAL 137.4 SQ YD

REMOVAL OF EXISTING SUPERSTRUCTURE
STA. 45+21.34 TO STA. 45+90.16
TOTAL 1 EACH

COMBINATION CURB AND GUTTER REMOVAL
STA. 44+90 TO STA. 45+21.34 LT.
STA. 44+90 TO STA. 45+21.34 RT.
TOTAL 64 FOOT

PROTECTIVE COAT
MEDIAN 81 SQ YD
SIDEWALK 43 SQ YD
PARAPETS 45 SQ YD
TOTAL 169 SQ YD

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
STA. 44+90 TO STA. 45+21.34 LT.
STA. 44+90 TO STA. 45+21.34 RT.
TOTAL 64 FOOT

SIDEWALK REMOVAL
STA. 44+90 TO STA. 45+34 RT
TOTAL 176 SQ FT

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH
STA. 44+90 TO STA. 45+21.34 RT.
TOTAL 181 SQ FT

VALVE BOXES TO BE ADJUSTED
STA. 45+00 LT
TOTAL 1 EACH

MANHOLES TO BE ADJUSTED (SPECIAL)
STA. 44+97 LT.
STA. 44+98 LT.
STA. 45+06 RT.
STA. 45+18 E.
STA. 45+94 E.
TOTAL 5 EACH

CONCRETE MEDIAN
STA. 45+24 TO STA. 45+90 LT.
STA. 46+27 TO STA. 47+35 RT.
TOTAL 987 SQ FT

CONCRETE REMOVAL
SOUTH ABUTMENT 9.1 CU YD
NORTH ABUTMENT 9.2 CU YD
PIER 7.1 CU YD
TOTAL 25.4 CU YD

MANHOLES TO BE ADJUSTED
STA. 46+92 RT.
STA. 47+03 RT.
STA. 47+17 LT.
TOTAL 3 EACH

MOBILIZATION
STA. 44+90.00 TO STA. 47+77.20
TOTAL 1 LSUM

TRAFFIC CONTROL AND PROTECTION
STA. 44+90.00 TO STA. 47+77.20
TOTAL 1 LSUM

NOTE:
PAVEMENT MARKING BY OWNER.

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
S. HENDERSON STREET OVER CEDAR CREEK
SECTION 07-00401-25-BR
CITY OF GALESBURG, KNOX COUNTY
STA. 45+55.8 S.N. 048-0024

REVISIONS	
NAME	DATE

SCALE: VERT. NONE.
HORIZ. NONE.
DATE: 08/28/2009
DRAWN BY: RRR
DESIGNED BY: PETERSON
CHECKED BY: PETERSON
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