

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	PHASE II QUANTITY
20200100	EARTH EXCAVATION	CU YD	458
20200500	EARTH EXCAVATION (WIDENING)	CU YD	236
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	236
20800150	TRENCH BACKFILL	CU YD	11
25000110	SEEDING, CLASS 1A	ACRE	0.8
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.6
25100115	MULCH, METHOD 2	ACRE	0.8
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	80
28000300	TEMPORARY DITCH CHECKS	EACH	5
28000500	INLET AND PIPE PROTECTION	EACH	6
35100100	AGGREGATE BASE COURSE, TYPE A	TON	49
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	706
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,110
40600300	AGGREGATE (PRIME COAT)	TON	24
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	147
40600990	TEMPORARY RAMP	SQ YD	123
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,173
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	353
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	19
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	52
48100400	AGGREGATE SHOULDERS, TYPE A 5"	SQ YD	916
50105220	PIPE CULVERT REMOVAL	FOOT	72
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	2
54248515	CONCRETE COLLAR	EACH	2
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	80
67100100	MOBILIZATION	L SUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	29
72000200	SIGN PANEL - TYPE 2	SQ FT	21
72000300	SIGN PANEL - TYPE 3	SQ FT	70
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
72900100	METAL POST - TYPE A	FOOT	166
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4,000

\*DENOTES SPECIALTY ITEMS

NOTE: FUNDING IS 100% FEDERAL

<b>STRUCTURAL DESIGN TRAFFIC:</b>			MID-LIFE YEAR: 2019
PV = 752	SU = 60	MU = 43	
<b>ROAD / STREET CLASSIFICATION:</b>			CLASS = III
<b>PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:</b>			
P = 88.00%	S = 7.00%	M = 5.00%	
<b>TRAFFIC FACTOR:</b>			AC TYPESEE BELOW
	ACTUAL TF = 0.235		
	MINIMUM TF = 0.5		
<b>SUBGRADE SUPPORT RATING:</b>			
SSR = POOR	(STA. 14+50 TO 30+00 )		
NOTE: FALLING WEIGHT DEFLECTOMETER (FWD) TESTING WAS PERFORMED AND USED TO DETERMINE THE PERFORMANCE OF THE EXISTING STRUCTURE			

<b>MIXTURE COMPOSITION TABLE:</b>	
MIXTURE USE:	SURFACE
APPLICATION:	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
AIR VOIDS / Ndes:	4.0% @ Ndes 50
PG BINDER GRADE:	64-22
MIXTURE COMPOSITION:	IL 12.5
FRICITION AGGREGATE:	MIXTURE C
RAP % (MAX):	15%
MIXTURE WEIGHT:	112 LB/SY/INCH
MIXTURE USE:	BINDER
APPLICATION:	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
AIR VOIDS / Ndes:	4.0% @ Ndes 50
PG BINDER GRADE:	PG 64-22
MIXTURE COMPOSITION:	IL 19.0
RAP % (MAX):	25%
MIXTURE WEIGHT:	112 LB/SY/INCH

FILE NAME = H:\5592\5592.10\Sum_Quant_5592.dgn	USER NAME = _USERDESCR.	DESIGNED - DLD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES AND PAVEMENT DESIGN INFORMATION</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 5.0000' / IN.	DRAWN - EDW	REVISED -			777	09-00080-01-RS	BOND	22	3	
	PLOT DATE = 7/9/2009	CHECKED -	REVISED -			<b>CONTRACT NO. 97394</b>					
		DATE - 6-9-09	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT		

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