

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6582	09-00011-00-RS	PEORIA	8	3
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

BITUMINOUS PAVING SCHEDULE					40603310	40600100	40600300
					HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)
LOCATION	LENGTH	WIDTH	AREA	AREA	WEIGHT	VOLUME	WEIGHT
STATION TO STATION	FEET	FEET	SQ FEET	SQ YDS	TONS	GALLONS	TONS
STA. 11+55.00 TO STA. 24+25.00	1270.00	30	38100	4233.33	355.60	423.33	4.23
STA. 24+25.00 TO STA. 24+80.00	55.00	30 to 30.5	1663.75	184.86	15.53	18.49	0.18
STA. 24+80.00 TO STA. 31+40.00	660.00	30.5	20130	2236.67	187.88	223.67	2.24
STA. 31+40.00 TO STA. 34+65.00	325.00	30.5 to 31	9993.75	1110.42	93.28	111.04	1.11
STA. 34+65.00 TO STA. 37+05.00	240.00	31 to 32	7560	840.00	70.56	84.00	0.84
STA. 37+05.00 TO STA. 37+75.00	70.00	32 to 34	2310	256.67	21.56	25.67	0.26
STA. 37+75.00 TO STA. 38+62.00	87.00	VAR	5967	520.75	43.74	52.08	0.52
WAVERLY				96.00	8.06	9.60	0.10
EDGEHILL COURT				42.00	3.53	4.20	0.04
CEDAR AVENUE				29.00	2.44	2.90	0.03
TOTAL					9549.69	802.17	954.97

REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL		20201200
LOCATION	UNIT	
STATION	CU YDS	
CONTINGENT QUANTITY	10.00	
TOTAL		10.0

SUBBASE GRANULAR MATERIAL, TYPE B		31101100
LOCATION	UNIT	
STATION	CU YDS	
CONTINGENT QUANTITY	10.00	
TOTAL		10.0

TEMPORARY RAMP				40600990
LOCATION	LENGTH	WIDTH	AREA	
STATION TO STATION	FEET	FEET	SQ YDS	
STERLING AVENUE	24	5	13.33	
WAVERLY	24	5	13.33	
EDGEHILL COURT	24	5	13.33	
CEDAR AVENUE	24	5	13.33	
WESTERN AVENUE	40	5	22.22	
TOTAL				75.56

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT				40600982
LOCATION	LENGTH	WIDTH	AREA	
STATION TO STATION	FEET	FEET	SQ YDS	
STERLING AVENUE	10.00	30	33.33	
WAVERLY	21.00	VAR	96.00	
EDGEHILL COURT	12.70	VAR	42.00	
CEDAR AVENUE	12.00	VAR	29.00	
WESTERN AVENUE	42.50	VAR	310.50	
TOTAL				510.83

CLASS D PATCHING, 6 INCH			
THE FOLLOWING QUANTITIES ARE CONTINGENT QUANTITIES			
44201713	44201717	44201721	44201723
CLASS D PATCHES, TYPE I, 6 INCH	CLASS D PATCHES, TYPE II, 6 INCH	CLASS D PATCHES, TYPE III, 6 INCH	CLASS D PATCHES, TYPE IV, 6 INCH
SQ YD	SQ YD	SQ YD	SQ YD
5	10	20	25

HOT-MIX ASPHALT SURFACE REMOVAL - 1.5"				44000155
LOCATION	LENGTH	WIDTH	AREA	
STATION TO STATION	FEET	FEET	SQ YDS	
STA. 11+65.00 TO STA. 24+25.00	1260.00	30	4200.00	
STA. 24+25.00 TO STA. 24+80.00	55.00	30 to 30.5	184.86	
STA. 24+80.00 TO STA. 31+40.00	660.00	30.5	2236.67	
STA. 31+40.00 TO STA. 34+65.00	325.00	30.5 to 31	1110.42	
STA. 34+65.00 TO STA. 37+05.00	240.00	31 to 32	840.00	
STA. 37+05.00 TO STA. 37+75.00	70.00	32 to 34	256.67	
STA. 37+75.00 TO STA. 38+20.00	45.00	VAR	210.20	
TOTAL				9038.81

MOBILIZATION		67100100
LOCATION	UNIT	
STATION	L SUM	
ENTIRE JOB SITE	1.00	
TOTAL		1.00

TRAFFIC CONTROL COMPLETE		70103700
LOCATION	UNIT	
STATION	L SUM	
ENTIRE JOB SITE	1.00	
TOTAL		1.00

TEMPORARY RUBBER RAMPS FOR DRAINAGE AND UTILITY CASTINGS		X0325675
LOCATION	ITEM	
STATION	EACH	
HEADING AVENUE (VARIOUS LOCATIONS)	3	
TOTAL		3.00

HEADING AVENUE SUMMARY OF QUANTITIES			
CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10
31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	10
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	955.0
40600300	AGGREGATE (PRIME COAT)	TON	9.5
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	511.0
40600990	TEMPORARY RAMP	SQ YD	75.5
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	802.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	9039
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	5
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	10
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	20
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	25
67100100	MOBILIZATION	L SUM	1.0
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1.0
X0325675	TEMPORARY RUBBER RAMPS FOR DRAINAGE AND UTILITY CASTINGS	EACH	3.0

RATE OF APPLICATION	
BITUMINOUS	
BITUMINOUS SURFACE COURSE	112 LB/SQ YD/INCH
BITUMINOUS BINDER COURSE	112 LB/SQ YD/INCH
CONVERSION	0.056 TONS/SQ YD/INCH
BITUMINOUS MATERIALS (PRIME COAT)	
ON COLDMILLED SURFACE	0.10 GAL/SQ YD
CONVERSION	0.004 TONS = 1 GALLON
AGGREGATE (PRIME COAT)	
FOG COAT	2 LB/SQ YD

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS	
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.	
MIXTURE USES (S):	SURFACE COURSE
AC/PG	64-22
RAP %: (Max) **	15%
DESIGN AIR VOIDS	4.0% @ NDES = N50
MIXTURE COMPOSITION	IL 9.5 or IL 12.5
FRICTION AGGREGATE	Mixture D

** If > 15% RAP is used the Contractor may be required to use a softer grade of asphalt as determined by the materials engineer.

REVISIONS		
NUMBER	BY	DATE

CITY OF WEST PEORIA
 HEADING AVENUE - FAU 6582
 MILLOVERLAY
 SUMMARY OF QUANTITIES, APPLICATION RATES,
 BITUMINOUS MIX REQUIREMENTS
 SCHEDULE OF QUANTITIES


HERMANN & ASSOCIATES, LLC
 CONSULTING ENGINEERS
 6835 NORTH GALENA ROAD
 PEORIA, ILLINOIS 61614
 P: (309) 687-5566
 F: (309) 687-0571

TRANSPORTATION • MUNICIPAL ENGINEERING
 LAND DEVELOPMENT • ASBESTOS INSPECTION
 CONSTRUCTION OBSERVATION
 DESIGN BY: AMPH
 DRAWN BY: SNP
 CHECKED BY: JLH
 APPROVED BY:
 DATE: APRIL 2009
 JOB No: 03.025.09