

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-P4002-03-BT	PEORIA	53	5	
STA. 100+36.27 TO STA. 179+51.94				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESCRIPTION	LOCATION STATION TO STATION	LENGTH	20200100 FOR INFORMATION ONLY			
			EARTH EX. VOLUME	EARTH EX. ADJUSTED FOR SHRINKAGE	EMBANKMENT VOLUME	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (FURNISHED EX.)
			CU YD	CU YD	CU YD	CU YD
<b>ROCK ISLAND/PIMITEQUI BIKE TRAIL</b>						
BEGINNING TO EROSION AREA	STA. 100+48.12 TO STA. 113+00.00	1251.88 FT	1759	1143	158	985
EROSION AREA	STA. 113+00.00 TO STA. 115+00.00	200.00 FT	1021	664	3765	-3101
EROSION AREA TO TETON DRIVE	STA. 115+00.00 TO STA. 134+36.22	1936.22 FT	2293	1490	73	1417
TETON DRIVE TO GILES LANE	STA. 134+69.57 TO STA. 150+88.46	1618.89 FT	770	501	415	86
GILES LANE TO END	STA. 152+34.58 TO STA. 179+51.94	2717.36 FT	837	544	262	282
<b>TOTAL</b>			<b>6680</b>	<b>4342</b>	<b>4673</b>	<b>-331</b>

NOTE: A SHRINKAGE FACTOR OF 35% WAS USED TO CALCULATE QUANTITIES OF WASTE MATERIAL.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL			20201200	
LOCATION STATION TO STATION	LT/RT	QUANTITY	CU YD	
STA. 113+80.00	RT	90		
REMOVE MATERIAL 5' MIN. OUTSIDE LIMITS OF STRUCTURES.				
<b>TOTAL</b>			<b>90</b>	

ROCK FILL			Z0054400	
LOCATION STATION/DESCRIPTION	LT/RT	QUANTITY	CU YD	
STA. 113+80.00	RT	90		
REMOVE MATERIAL 5' MIN. OUTSIDE LIMITS OF STRUCTURES.				
<b>TOTAL</b>			<b>90</b>	

CHANNEL EXCAVATION			20300100	
LOCATION STATION TO STATION	LT/RT	QUANTITY	CU YD	
STA. 113+80.00		650		
<b>TOTAL</b>			<b>650</b>	

TREE REMOVAL, ACRES			20100500	
LOCATION STATION TO STATION	AREA SQ FT	QUANTITY	ACRE	
STA. 147+58 TO STA. 149+08	5000	0.11		
<b>TOTAL</b>			<b>0.11</b>	

INLET AND PIPE PROTECTION			28000500	
LOCATION STATION TO STATION	OFFSET	QUANTITY	EACH	
STA. 100+96	11.5' LT	1		
STA. 148+13	14.4' LT	1		
STA. 148+45	14.8' RT	1		
STA. 151+98	35.2' RT	1		
STA. 152+09	33.3' RT	1		
STA. 152+85	15.9' LT	1		
<b>TOTAL</b>			<b>6</b>	

STONE RIPRAP, CLASS A5					28100109	
LOCATION STATION TO STATION	LT/RT	WIDTH	LENGTH	QUANTITY	SQ YD	
STA. 113+52.70 TO STA. 114+08.20	RT	56	59	385		
<b>TOTAL</b>					<b>385</b>	

STONE RIPRAP, CLASS A3					28100105	
LOCATION STATION TO STATION	LT/RT	WIDTH	LENGTH	QUANTITY	SQ YD	
STA. 117+00.00 TO STA. 118+00.00	LT	6	100	67		
<b>TOTAL</b>					<b>67</b>	

FILTER FABRIC					28200200	
LOCATION STATION TO STATION	LT/RT	WIDTH	LENGTH	QUANTITY	SQ YD	
STA. 113+52.70 TO STA. 114+08.20	RT	56	59	385		
STA. 117+00.00 TO STA. 118+00.00	LT	6	100	67		
<b>TOTAL</b>					<b>452</b>	

EROSION CONTROL BLANKET					25100630	
LOCATION STATION TO STATION	LT/RT	WIDTH	QUANTITY	SQ YD		
STA. 100+45 TO STA. 105+50	LT	4	224			
STA. 100+52 TO STA. 103+50	RT	4	132			
STA. 116+00 TO STA. 119+50	RT	4	156			
STA. 117+50 TO STA. 121+50	LT	4	178			
STA. 127+50 TO STA. 134+27	RT	4	301			
STA. 127+50 TO STA. 134+35	LT	4	304			
STA. 134+72 TO STA. 136+50	RT	4	79			
STA. 134+79 TO STA. 136+50	LT	4	76			
STA. 147+50 TO STA. 150+88	LT	4	150			
STA. 148+50 TO STA. 151+06	RT	4	114			
<b>TOTAL</b>					<b>1714</b>	

HEAVY DUTY EROSION CONTROL BLANKET					25100635	
LOCATION STATION TO STATION	LT/RT	WIDTH	QUANTITY	SQ YD		
STA. 109+00.00 TO STA. 113+70.00	RT	6.67	348			
STA. 113+90.00 TO STA. 116+00.00	RT	6.67	156			
STA. 113+00.00 TO STA. 115+00.00	RT	VARIES	1567			
<b>TOTAL</b>					<b>2071</b>	

PERIMETER EROSION BARRIER					28000400	
LOCATION STATION TO STATION	LT/RT	QUANTITY	FOOT			
STA. 109+00.00 TO STA. 117+00.00	LT	800				
STA. 109+00.00 TO STA. 114+00.00	RT	500				
STA. 114+00.00 TO STA. 116+00.00	RT	200				
STA. 125+00.00 TO STA. 128+00.00	RT	300				
STA. 139+00.00 TO STA. 144+00.00	RT	500				
STA. 148+00.00 TO STA. 151+00.00	RT	300				
STA. 153+00.00 TO STA. 163+00.00	LT	1000				
STA. 175+00.00 TO STA. 179+50.00	LT	450				
STA. 178+00.00 TO STA. 179+50.00	RT	150				
<b>TOTAL</b>					<b>4200</b>	

SEEDING SCHEDULE															
LOCATION STATION TO STATION	LT/RT	PLAN AREA (1:3 SLOPES & FLATTER) SQ FT	PLAN AREA (SLOPES STEEPER THAN 1:3) SQ FT	PLAN AREA x SLOPE FACTOR (1:3 SLOPES & FLATTER) SQ FT	PLAN AREA x SLOPE FACTOR (SLOPES STEEPER THAN 1:3) SQ FT	PLAN AREA (1:3 SLOPES & FLATTER) SQ YD	PLAN AREA (SLOPES STEEPER THAN 1:3) SQ YD	21101610	25000200	25000300	25000400	25000500	25000600	28000250	25100115
								TOPSOIL FURNISH AND PLACE, 3"	SEEDING, CLASS 2	SEEDING, CLASS 3	NITROGEN (90 LB/ACRE)	PHOSPHORUS (90 LB/ACRE)	POTASSIUM (90 LB/ACRE)	TEMPORARY EROSION CONTROL SEEDING (100 LB/ACRE)	MULCH, METHOD 2
STA. 100+48.12 TO STA. 134+35.01	LT	28365.72		29897.47		3321.94	3321.94	0.69			61.77	61.77	61.77	68.64	0.69
STA. 100+48.12 TO STA. 113+00.00	RT	7833.63		8256.65		917.41	917.41	0.19			17.06	17.06	17.06	18.95	0.19
STA. 113+00.00 TO STA. 115+00.00	RT		12617.75		14106.64		1567.40		0.3238		29.15	29.15	29.15	32.38	0.32
STA. 115+00.00 TO STA. 134+26.78	RT	16702.53		17604.47		1956.05	1956.05	0.40			36.37	36.37	36.37	40.41	0.40
STA. 134+78.87 TO STA. 150+87.78	LT	5358.97		5648.35		627.59	627.59	0.13			11.67	11.67	11.67	12.97	0.13
STA. 134+71.73 TO STA. 151+27.26	RT	27260.08		28732.12		3192.46	3192.46	0.66			59.36	59.36	59.36	65.96	0.66
STA. 152+35.79 TO STA. 179+51.94	LT	13293.42		14011.26		1556.81	1556.81	0.32			28.95	28.95	28.95	32.17	0.32
STA. 152+10.62 TO STA. 179+51.94	RT	5088.43		5363.21		595.91	595.91	0.12			11.08	11.08	11.08	12.31	0.12
<b>TOTAL</b>								<b>13736</b>	<b>2.51</b>	<b>0.32</b>	<b>255</b>	<b>255</b>	<b>255</b>	<b>284</b>	<b>2.64</b>

NOTE: THE QUANTITIES FOR TREE REMOVAL, ACRES, SEEDING, CLASS 3, AND MULCH, METHOD 2 HAVE BEEN ROUNDED ON THE SUMMARY OF QUANTITIES SHEET BASED ON FIGURE 64-1A OF THE BDE MANUAL.

TEMPORARY DITCH CHECKS				28000305	
LOCATION STATION TO STATION	DESCRIPTION	LT/RT	QUANTITY	FOOT	
STA. 102+00 TO STA. 105+00	4 @ 100' SPACING, 9' EACH	LT	36		
STA. 109+00 TO STA. 110+00	5 @ 25' SPACING, 9' EACH	RT	45		
STA. 110+20 TO STA. 111+00	5 @ 20' SPACING, 9' EACH	RT	45		
STA. 111+15 TO STA. 112+20	8 @ 15' SPACING, 9' EACH	RT	72		
STA. 112+30 TO STA. 113+70	15 @ 10' SPACING, 9' EACH	RT	135		
STA. 113+90 TO STA. 116+00	22 @ 10' SPACING, 9' EACH	RT	198		
STA. 116+50 TO STA. 119+00	6 @ 50' SPACING, 9' EACH	RT	54		
STA. 118+00 TO STA. 120+00	5 @ 50' SPACING, 9' EACH	LT	45		
STA. 148+00 TO STA. 150+00	5 @ 50' SPACING, 9' EACH	LT	45		
STA. 153+30 TO STA. 153+30	1 @ 9' EACH	LT	9		
<b>TOTAL</b>				<b>684</b>	

ROCK FILL			Z0054400	
LOCATION STATION/DESCRIPTION	LT/RT	QUANTITY	CU YD	
STA. 113+80.00	RT	90		
REMOVE MATERIAL 5' MIN. OUTSIDE LIMITS OF STRUCTURES.				
<b>TOTAL</b>			<b>90</b>	

AGGREGATE BASE COURSE, TYPE B 6"				35101800	
LOCATION STATION TO STATION	WIDTH	QUANTITY	SQ YD		
STA. 100+48.12 TO STA. 134+30.06	10	3758			
STA. 134+75.62 TO STA. 151+06.83	10	1812			
STA. 152+20.62 TO STA. 179+51.94	10	3035			
<b>TOTAL</b>				<b>8605</b>	

\* QUANTITY INCLUDED FOR BIT. SURFACE ENTRANCE TO SAFETY TOWN RT. STA 159+70

BITUMINOUS MATERIALS (PRIME COAT)						40600200	
LOCATION STATION TO STATION	LENGTH	WIDTH	CONV	CONV	QUANTITY	TON	
STA. 100+36.27 TO STA. 134+30.06	3393.79	10	0.35	0.004	5.3		
STA. 134+75.62 TO STA. 151+06.83	1631.21	10	0.35	0.004	2.5		
STA. 152+20.62 TO STA. 179+51.94	2731.32	10	0.35	0.004	4.2		
<b>TOTAL</b>						<b>12</b>	

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50					40603110	
LOCATION STATION TO STATION	WIDTH	DEPTH	CONV	QUANTITY	TON	
STA. 100+36.27 TO STA. 134+30.06	10	2	112	422		
STA. 134+75.62 TO STA. 151+06.83	10	2	112	203		
STA. 152+20.62 TO STA. 179+51.94	10	2	112	340		
<b>TOTAL</b>					<b>965</b>	

\* QUANTITY INCLUDED FOR HMA SURFACE ENTRANCE TO SAFETY TOWN RT STA. 159+70.

HOT-MIX ASPHALT BASE COURSE 8"			35501316	
LOCATION STATION TO STATION	WIDTH	QUANTITY	SQ YD	
STA. 100+36.27 TO STA. 100+48.12	10	13		
<b>TOTAL</b>			<b>13</b>	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION  SCHEDULE OF QUANTITIES ROCK ISLAND/PIMITEQUI BIKE TRAIL SECTION 00-P4002-03-BT PEORIA COUNTY
NAME	DATE	

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY



DATES TIMES FILES