

QUANTITIES NOT OTHERWISE SHOWN

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 389	93-00049-00-BR	PEORIA	99	6
FED. ROAD DIST. NO.	7	ILLINOIS	PROJECT:	BRS-0389(104)
CONTRACT NO. 89323				

SURFACE COURSE (3" THICK)

LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 * (TON)
STA. 12+50.00 TO STA. 29+43.19	1693.19	24	4516	759
BRIDGE OMISSION STR. NO. 072-3145				
STA. 31+53.19 TO STA. 50+00.00	1846.81	24	4925	828
TOTAL	3540		9441	1587

* APPLICATION RATE = 112 LB/SQ.YD./IN

BITUMINOUS MATERIALS (PRIME COAT)

ROADWAY - 4 APPLICATIONS

LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	BITUMINOUS MATERIALS (PRIME COAT) * (GALLON)
STA. 12+50.00 TO STA. 29+43.19	1693.19	24	4516	1355
BRIDGE OMISSION STR. NO. 072-3145				
STA. 31+53.19 TO STA. 50+00.00	1846.81	24	4925	1478
SUM	3540		9441	2833

DRIVEWAY - 4 APPLICATIONS

LOCATION	LT/RT	AREA (SQ. YD.)	BITUMINOUS MATERIALS (PRIME COAT) * (GALLON)	SUMS	BITUMINOUS MATERIALS (PRIME COAT) * (GALLON)
STA. 46+68.78	RT	119.4	36	ROADWAY	2833
				DRIVEWAY	36
SUM		119.4	36	TOTAL	2869

* APPLICATION RATE = 0.075 GALLONS/SQ. YD./APPLICATION

BINDER COURSE (9.5" THICK)

LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 * (TON)
STA. 12+50.00 TO STA. 29+43.19	1693.19	24	4516	2467
BRIDGE OMISSION STR. NO. 072-3145				
STA. 31+53.19 TO STA. 50+00.00	1846.81	24	4925	2691
TOTAL	3540		9441	5158

* APPLICATION RATE = 115 LB/SQ.YD./IN

AGGREGATE BASE COURSE (12" THICK)

ROADWAY - 12" BASE

LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	AGG. BASE COURSE, TYPE B * (TON)
STA. 12+50.00 TO STA. 29+43.19	1693.19	24	4516	3117
BRIDGE OMISSION STR. NO. 072-3145				
STA. 31+53.19 TO STA. 50+00.00	1846.81	24	4925	3399
TOTAL	3540		9441	6516

SHOULDER - 18.5" BASE

LOCATION	LT/RT	AREA (SQ. YD.)	AGG. BASE CRSE, TYPE B * (TON)
STA. 45+40.00 TO STA. 46+60.00	RT	106.7	114
SUM		106.7	114

DRIVEWAY - 6" BASE

LOCATION	LT/RT	AREA (SQ. YD.)	AGG. BASE COURSE, TYPE B * (TON)	SUMS	AGG. BASE COURSE, TYPE B * (TON)
STA. 46+68.78	RT	119.4	42	ROADWAY	6516
				DRIVEWAY	42
				SHOULDER	114
SUM		119.4	42	TOTAL	6672

* APPLICATION RATE = 115 LB/SQ.YD./IN

AGGREGATE DRIVEWAY SURFACE (8" THICK)

LOCATION	LT/RT	AREA (SQ. YD.)	AGG. SURFACE COURSE, TYPE B * (TON)
STA. 12+98.00	LT	76.5	36
STA. 13+31.62	RT	105.7	49
STA. 13+44.48	LT	67.9	32
STA. 14+48.69	LT	80.2	37
STA. 16+00.00	LT	58.4	27
STA. 17+30.82	RT	91.5	43
STA. 18+23.81	LT	100.2	47
STA. 19+05.14	RT	91.5	43
STA. 20+53.87	RT	164.0	76
STA. 26+29.46	RT	328.4	152
STA. 28+00.00	RT	157.9	73
STA. 34+60.58	RT	275.0	127
STA. 36+37.00	RT	216.9	100
STA. 36+37.00	LT	280.1	129
STA. 46+45.88	LT	119.0	55
STA. 49+20.39	LT	93.0	44
TOTAL		2306.2	1070

* APPLICATION RATE = 115 LB/SQ.YD./IN

PERIMETER EROSION BARRIER

TOTALS	LENGTH (FT.)	PERIMETER EROSION BARRIER (FT.)
TOTAL (STA. 12+50 TO STA. 25+00)	515	515
TOTAL (STA. 25+00 TO STA. 38+00)	201	201
TOTAL (STA. 38+00 TO STA. 50+00)	113	113
GRAND TOTAL	829	829

NOTE: SEE EROSION CONTROL PLAN SHEETS FOR FURTHER DETAIL

CONCRETE BARRIER

LOCATION (EXISTING STATIONING)	LENGTH (FT.)	CONCRETE BARRIER, DOUBLE FACE (FT.)
STA. 30+15.00	22	22
TOTAL	22	22

REMOVE EXISTING CULVERTS

LOCATION	LT/RT	OFFSET	EACH
STA. 14+48.69	LT	19.25	1
STA. 16+00.00	LT	27.87	1
STA. 18+23.81	LT	14.17	1
STA. 19+51.14	RT	52.21	1
STA. 20+53.87	RT	68.79	1
STA. 26+29.46	RT	127.26	1
STA. 34+60.58	RT	119.66	1
STA. 36+37.00	RT	111.35	1
STA. 36+48.04	RT	33.07	1
STA. 36+49.09	RT	77.40	1
STA. 36+67.81	RT	111.98	1
STA. 47+75.59	ACROSS ROAD		1
STA. 49+20.39	LT	25.52	1
TOTAL			13

SEEDING & RELATED ITEMS SUMMARY

	SEEDING CLASS 2 (ACRE)	SEEDING CLASS 3 (ACRE)	TEMP. SEEDING (POUND)*	MULCH METHOD 2 (ACRE)**	NITROGEN FERTILIZER NUTRIENT (POUND)***	PHOSPHORUS FERT. NUTRIENT (POUND)***	POTASSIUM FERT. NUTRIENT (POUND)***	EROSION CONTROL BLANKET (HEAVY DUTY) (SQ. YD.)
TOTAL (STA. 12+50 TO STA. 25+00)	1.48	1.72	364.80	2.96	288	288	288	8324.8
TOTAL (STA. 25+00 TO STA. 38+00)	2.12	4.89	799.14	4.24	630.9	630.9	630.9	23667.6
TOTAL (STA. 38+00 TO STA. 50+00)	3.19	1.35	517.56	6.38	408.6	408.6	408.6	6534
GRAND TOTAL	6.79	7.96	1681.50	13.58	1327.5	1327.5	1327.5	38526.4

NOTE: SEE EROSION CONTROL PLAN SHEETS FOR FURTHER DETAIL

* TEMPORARY EROSION CONTROL SEEDING APPLICATION RATE = 114 LB PER ACRE

** HALF OF MULCH QUANTITY IS RESERVED FOR TEMPORARY SEEDING

*** NUTRIENT APPLICATION RATE = 90 LB PER ACRE

EAST LANDSCAPING WALL

LOCATION	LT/RT	REMOVE & RE-ERECT SEGMENTAL BLOCK RETAINING WALL* (SQ. FT.)	RETAINING WALL REMOVAL* (L SUM)
STA. 46+02.81 TO STA. 46+56.02	RT		1
STA. 46+81.98 TO STA. 47+00.00	RT	75	
TOTAL		75	1

* SEE SPECIAL PROVISIONS

EAST WALL DRAINAGE

LOCATION	LT/RT	LENGTH (FT.)	WIDTH (FT.)	BIT. SHOULDERS SUPERPAVE 6" (SQ. YD.)	CONCRETE GUTTER, TYPE A (FT.)
STA. 45+40.00 TO STA. 46+60.00	RT	120	8	107	120
TOTAL				107	120

AGGREGATE SHOULDERS (6" THICK)

LOCATION	LENGTH (FT.)	WIDTH (FT.)		AREA (SQ. YD.)	AGG. SHOULDERS, TYPE B * (TON)
		LT	RT		
STA. 12+50.00 TO STA. 29+43.19	1693.19	8	8	3011	1039
BRIDGE OMISSION STR. NO. 072-3145					
STA. 31+53.19 TO STA. 45+40.00	1386.81	8	8	2466	851
STA. 45+40.00 TO STA. 46+60.00	120	8	0	107	37
STA. 46+60.00 TO STA. 50+00.00	340	8	8	605	209
TOTAL	3540			6189	2136

* APPLICATION RATE = 115 LB/SQ.YD./IN

PER - STA. 46+68.78

LOCATION	LT/RT	AREA (SQ. YD.)	BIT. DRIVEWAY REMOVAL (SQ. YD.)	BIT. DRIVEWAY PVMNT. 6" * (SQ. YD.)
STA. 46+68.78	RT	119.4	119.4	119.4
TOTAL		119.4	119.4	119.4

* NOTES:

APPLICATION RATE = 112 LB/SQ.YD./IN
PRIVATE ENT. WILL BE 6" BIT. SURFACE OVER 6" AGG. BASE
SEE ALSO QUANT. FOR AGG. BASE & BIT. PRIME COAT

GUARDRAIL & RELATED ITEMS SUMMARY

LOCATION	LT / RT	TRAFFIC BARRIER TERM. TYPE 1 (EACH)	STEEL PLATE BEAM GUARD RAIL - TY B (FOOT)	TRAFFIC BARRIER TERM. TYPE 5A (EACH)
STA. 28+92.74 TO STA. 29+17.44	LT	1		
	RT	1		
STA. 29+17.44 TO STA. 29+29.94	LT		12.5	
	RT		12.5	
STA. 29+29.94 TO STA. 29+43.19	LT			1
	RT			1
BRIDGE OMISSION STR. NO. 072-3145 - SEE NOTES				
STA. 31+53.19 TO STA. 31+66.44	LT			1
	RT			1
STA. 31+66.44 TO STA. 31+78.94	LT		12.5	
	RT		12.5	
STA. 31+78.94 TO STA. 32+03.67	LT	1		
	RT	1		
TOTAL		4	50	4

NOTES:

1. SEE BRIDGE PLANS FOR BRIDGE RAIL AND MONODIRECTIONAL REFLECTORS