FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	115(BY,BY-1)BR	VERMILION	93	11
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 90843

EARTH EXCAVATION AND FURNISHED EXCAVATION

LOCATION	EARTH EXCAVATION (CUT) (CU YD)	EARTH EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
BLUEGRASS	662	496	1001	-505
BEAN	90	68	137	-69
TOTALS	752	564	1138	-574

* An earth-shrinkage factor of 1.25 is applied

CHANNEL EXCAVATION

LOCATION	CHANNEL EXCAVATION (CUT) (CU YD)	CHANELL EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
BLUEGRASS	661	496	347	149
BEAN	1709	1282	373	909
TOTALS	2370	1778	720	1058

* An earth-shrinkage factor of 1.25 is applied

TRENCH BACKFILL

STATION	OFFSET	CU YD
233+15.00	LT	2
233+69.00	LT	2
234+23.00	LT	2
234+77.00	LT	2
238+05.00	LT	2
239+30.00	LT	2
240+50.00	LT	3
237+56.00	LT	2
240+50.00 TO 242+20.00	LT	26
	TOTAL	43

TEMPORARY DITCH CHECKS

STATION	OFFSET	EACH
238+05.00	LT	2
239+70.00	LT	1
241+30.00	LT	1
242+77.00	LT	1
	TOTAL	5

PERIMETER EROSION BARRIER

STATION TO	STATION	OFFSET	FOOT
233+00.00	235+46.00	LT	251
233+15.54	233+98.50	RT	85
237+98.04	238+02.04	LT	16
		TOTAL	352

SEEDING, FERTILIZERS AND MULCH

LOCATION	SEEDING CLASS 2 (ACRE)	SEEDING CLASS 7 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH, METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
BLUEGRASS	0.8	0.8	72	72	72	0.8	80
BEAN	0.2	0.2	18	18	18	0.2	20
TOTALS	1.00	1.00	90	90	90	1.00	100

EROSION CONTROL BLANKET

STATION	OFFSET	CU YD
233+15.00	LT	9
233+69.00	LT	12
234+23.00	LT	15
234+77.00	LT	15
238+05.00	LT	4
239+30.00	LT	3
240+40.00	LT	3
	TOTAL	61

INLET AND PIPE PROTECTION

STATION	OFFSET	EACH
285+47.04	RT	1
285+85.33	LT	1
233+15.00	LT	1
233+69.00	LT	1
234+23.00	LT	1
234+77.00	LT	1
237+19.00	RT	1
237+56.00	LT	1
238+05.00	LT	1
239+30.00	LT	1
240+50.00	LT	1
242+20.00	LT	1
	TOTAL	12

SUB-BASE GRANULAR MATERIAL, TYPE B, 4"

STATION TO	STATION	OFFSET	SQ YD
232+32.50	232+77.00	LT	18
232+77.00	233+37.00	LT	34
233+37.00	234+13.00	LT	60
234+13.00	235+14.33	LT	86
232+32.50	233+37.00	RT	42
233+37.00	234+73.00	RT	166
237+71.91	239+95.00	LT	188
237+44.00	239+95.00	RT	307
239+95.91	243+75.00.	LT	321
239+95.00	243+75.00	RT	169
		TOTAL	1391

PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 8"

STATION TO	STATION	OFFSET	SQ YD
232+77.00	233+37.00	LT	10
233+37.00	234+13.00	LT	30
234+13.00	235+03.00	LT	40
237+74.00	239+95.00	LT	98
239+95.00	243+75.00	LT	169
		TOTAL	347

AGGREGATE SURFACE COURSE, TYPE B

STATION	OFFSET	TONS
232+89.00	LT	13
238+76.00	RT	7
239+38.00	RT	6
	TOTAL	26

BITUMINOUS MATERIALS (PRIME COAT)

STATION TO	STATION	GALLONS
232+32.50	232+77.00	31
232+77.00	233+37.00	39
233+37.00	234+89.91	121
237+59.49	239+95.00	182
239+95.00	243+75.00	262
284+85.00	285+43.71	49
288+10.29	288+70.00	50
	TOTAL	734

AGGREGATE (PRIME COAT)

STATION TO	STATION	TONS
232+32.50	232+77.00	1
232+77.00	233+37.00	1
233+37.00	234+89.91	2
237+59.49	239+95.00	4
239+95.00	243+75.00	5
284+85.00	285+43.71	1
288+10.29	288+70.00	1
	TOTAL	15

BITUMINOUS SURFACE REMOVAL - BUTT JOINT

STATION TO	STATION	SQ YD
232+32.50	232+62.50	103
243+45.00	243+75.00	87
284+85.00	285+15.00	87
288+40.00	288+70.00	87
	TOTAL	364

TEMPORARY RAMP

STATION TO	STATION	SQ YD
284+85.00	284+90.00	14
288+65.00	288+70.00	14
285+49.71	285+57.21	22
288+04.29	287+96.79	22
232+32.50	232+37.50	17
234+82.41	234+89.91	23
237+59.49	237+66.99	23
243+70.00	243+75.00	14
	TOTAL	149

BRIDGE APPROACH PAVEMENT

STATION TO	STATION	SQ YD
285+49.71	285+79.71	122
287+74.29	288+04.29	124
	TOTAL	246

BRIDGE APPROACH PAVEMENT (SPECIAL)

STATION TO	STATION	SQ YD
234+95.91	235+25.91	128
237+23.49	237+53.49	126
	TOTAL	254

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

STATION TO	STATION	SQ YD
234+89.28	234+95.28	26
237+18.12	237+24.12	26
285+43.71	285+49.71	25
288+04.29	288+10.29	25
	TOTAL	102

PCC DRIVEWAY PAVEMENT, 6"

STATION	OFFSET	SQ YD
232+89.00	LT	14
232+71.19	RT	34
232+73.12	RT	20
240+88.47	LT	16
241+13.23	LT	47
	TOTAL	131

PCC DRIVEWAY PAVEMENT, 8"

STATION	OFFSET	SQ YD
242+55.00	LT	57
243+31.00	LT	34
	TOTAL	91

PCC SIDEWALK, 5"

STATION TO	STATION	SQ FT
232+32.50	233+37.00	501
233+37.00	235+37.60	1003
237+57.76	239+95.00	1186
239+95.00	243+75.00	1900
	TOTAL	4590

PAVEMENT REMOVAL

STATION TO	STATION	OFFSET	SQ YD
234+68.00	235+31.00	RT	54
234+77.00	235+13.00	RT	37
234+88.00	235+12.00	LT	28
236+84.00	237+41.00	RT	60
237+38.00	237+57.00	RT	16
237+38.00	237+73.00	LT	46
285+22.00	285+51.00	RT	21
285+31.00	285+34.00	RT	4
285+31.00	285+34.00	LT	5
287+06.00	287+97.00	RT	82
287+60.00	288+08.00	RT	52
287+60.00	288+24.00	LT	94
		TOTAL	499

DRIVEWAY PAVEMENT REMOVAL

STATION	OFFSET	SQ YD
232+69.84	RT	12
232+89.00	LT	51
238+74.79	RT	33
239+37.04	RT	32
241+13.23	LT	64
242+55.00	LT	71
243+31.00	LT	68
	TOTAL	331

COMBINATION CURB AND GUTTER REMOVAL

STATION TO	STATION	OFFSET	FOOT
232+32.50	233+37.37	RT	105
232+32.50	233+13.59	LT	81
		TOTAL	186

SIDEWALK REMOVAL

STATION TO	STATION	OFFSET	SQ FT
232+32.50	233+37.00	LT	420
233+37.00	235+69.00	LT	928
237+32.00	239+95.00	LT	1052
239+95.00	243+62.00	LT	1468
		TOTAL	3868

APPROACH SLAB REMOVAL

STATION TO	STATION	OFFSET	SQ YD
235+12.00	235+57.00	LT	58
237+06.00	237+38.00	LT	38
235+12.00	235+31.00	RT	34
236+93.00	237+38.00	RT	52
285+34.00	285+78.00	LT	56
287+28.00	287+60.00	LT	38
285+34.00	285+64.00	RT	36
287+15.00	287+60.00	RT	55
		TOTAL	367

GUTTER OUTLET REMOVAL

STATION TO	STATION	OFFSET	FOOT
233+13.59	233+39.00	RT	25

PAVED DITCH REMOVAL

STATION TO	STATION	OFFSET	FOOT
286+10.00	286+25.00	RT	15

PAVED SHOULDER REMOVAL

STATION TO	STATION	OFFSET	SQ YD
233+37.00	235+02.00	LT	18
233+37.00	234+78.00	RT	16
237+47.00	239+95.00	RT	28
238+29.00	239+95.00	LT	18
239+95.00	243+75.00	LT	42
239+95.00	243+75.00	RT	42
		TOTAL	164

AGGREGATE SHOULDERS, TYPE B

STATION TO	STATION	OFFSET	TONS
239+95.00	243+75.00	RT	11
283+81.00	285+87.00	LT	8
288+03.00	290+81.00	LT	16
		TOTAL	35

REMOVE EXISTING CULVERTS

STATION TO	STATION	OFFSET	FOOT
240+96.00	241+30.00	LT	34
242+31.00	242+69.00	LT	38
		TOTAL	72

PROTECTIVE COAT

STATION TO	STATION	OFFSET	SQ YD
234+95.28	235+25.28	-	136
237+24.12	237+54.12	-	136
232+32.50	233+37.00	LT	35
232+32.50	233+06.00	RT	25
233+37.00	235+14.00	LT	59
237+72.00	239+95.00	LT	74
239+95.00	243+75.00	LT	127
233+06.00	233+40.00	RT	15
232+73.12		RT	20
232+71.19		RT	33
232+89.00		LT	14
240+88.79		LT	14
241+13.00		LT	47
242+55.00		LT	57
243+31.00		LT	34
285+49.71	285+79.71	-	127
287+74.29	288+04.29	-	127
286+25.00	286+34.00	RT	9
		TOTAL	1089

(SEE BRIDGE PLANS FOR REMAINING QUANTITIES)

END SECTIONS 12"

STATION	OFFSET	EACH
237+19.00	RT	1
237+56.00	LT	1
285+47.04	RT	1
285+85.33	LT	1
	TOTAL	4

END SECTIONS 15"

STATION	OFFSET	EACH
241+01.00	LT	1
241+25.00	LT	1
242+38.02	LT	1
242+72.05	LT	1
	TOTAL	4

PIPE CULVERTS, CLASS D, TYPE 1, 15"

STATION TO	STATION	OFFSET	FOOT
241+01.00	241+25.00	LT	24
242+38.02	242+72.05	LT	34
		TOTAL	58

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY MLO

DATE 1/2004

CHECKED BY SJK