

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	148(BR-2)	MORGAN	39	9
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GUARDRAIL SCHEDULE

STATION TO STATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A	STEEL RAILING, TYPE SM	TRAFFIC BARRIER TERMINALS				TERMINAL MARKER - DIRECT APPLIED
				TYPE 1, SPECIAL (TANGENT)	TYPE 6A	TYPE 6A, SPECIAL	TYPE 2, SPECIAL	
		FOOT		EACH				
14+33.6	15+33.6	RT		1	1			1
14+77.8	15+33.6	LT				1	1	1
15+33.6	17+36.1	LT	202.5					
15+33.6	17+36.1	RT						
17+36.1	21+73.6	RT	337.5	1	1			1
17+36.1	20+11.1	LT	175.0	1	1			1
TOTALS			512.5	3	3	1	1	4
USE			512.5	3	3	1	1	4

BRIDGE APPROACH PAVEMENT SCHEDULE

STATION TO STATION	SUB-BASE GRANULAR MATERIAL, TYPE A	BRIDGE APPROACH PAVEMENT
	TON	SO YD
IL 78		
15+04.27	15+34.27	27.4
17+35.43	17+65.43	27.4
TOTALS		54.8
USE		55

THE FOLLOWING ITEMS ARE TO BE USED AS NECESSARY AND DIRECTED BY THE ENGINEER FOR REPAIR OF THE MOBIL RD/BALDWIN RD DETOUR:

ITEM	UNIT	QUANTITY
BITUMINOUS MATERIALS (PRIME COAT)	TON	2.7
AGGREGATE PRIME COAT	TON	28
HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SO YD	320
TEMPORARY RAMP	SO YD	54
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1000
PAVEMENT PATCHING, TYPE II, 12"	SO YD	200
PAVEMENT PATCHING, TYPE III, 12"	SO YD	100
AGGREGATE SHOULDERS, TYPE B	TON	200
PAINT PAVEMENT MARKING-LINE 5"	FOOT	73,000
SHORT-TERM PAVEMENT MARKING	FOOT	500
WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	210
TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1

EARTHWORK SCHEDULE

STATION TO STATION	SIDE	EARTH EXCAVATION	EMBANKMENT	EMBANKMENT ADJUSTED FOR SHRINKAGE	BALANCE WASTE OR SHORTAGE (-)
		CU. YD.			
13+50.00	16+00.00	LT & RT	54.6	61.7	77.2
16+00.00	22+50.00	LT & RT	459.6	979.5	1224.4
ADJUSTMENT FOR GRADING AND SHAPING SHOULDER, 24" RCCP INSTALLATION, RIPRAP EXC.				1301.6	370.2
TOTALS			514.2	1041.2	2603.2
USE			515	1,042	2,604

- SHRINKAGE FACTOR = 25%
- TO BE PAID FOR AS FURNISHED EXCAVATION

PAVEMENT REMOVAL

STATION TO STATION	SIDE	LENGTH	WIDTH	AREA
		FOOT		
14+98.27	15+34.27	LT & RT	36	29
17+35.43	17+71.43	LT & RT	36	29
TOTAL				232.0
USE				232

PIPE CULVERT REMOVAL

STATION	SIDE	SIZE	TYPE	FOOT
14+88.57	RT	18"	CMP	88.5
15+52.94	LT & RT	18"	CMP	47.8
17+34.0	RT	36"	CMP	33.0
TOTAL				169.3
USE				170

EXCAVATING AND GRADING EXISTING SHOULDER

STATION TO STATION	SIDE	LENGTH	UNITS
		FT	
13+50.00	15+34.27	LT & RT	368.5
17+35.43	22+50.00	LT & RT	1,029.1
TOTAL			14.0
USE			14

GUARDRAIL REMOVAL

STATION TO STATION	SIDE	LENGTH
		FT
14+79.5	15+34.3	LT
14+84.3	15+34.3	RT
17+35.4	17+85.4	LT
17+35.4	17+85.4	RT
TOTAL		212.5
USE		213

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

STATION TO STATION	LENGTH	WIDTH	AREA
		FT	SO YD
14+98.27	15+04.27	6	33
17+65.43	17+71.43	6	33
TOTAL			44
USE			44

STONE RIPRAP, CLASS A4 (SPECIAL)

STATION TO STATION	SIDE	STONE DUMPED RIPRAP, CLASS A4
		TON
17+35.4	18+60.0	RT
FROM BRIDGE PLANS		1,085.0
TOTAL		1,461.0
USE		1,461

TREE REMOVAL SCHEDULE

STATION	OFFSET	SIDE	6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
			UNITS	
19+00.0	41.8	LT	10	
19+00.0	41.8	LT	11	
19+00.0	41.8	LT	11	
19+00.0	41.8	LT	10	
19+52.0	43.5	LT		32
20+92.0	43.0	LT		44
TOTAL			42	76
USE			42	76

SEEDING SCHEDULE

STATION TO STATION	SIDE	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2
		ACRE		LB		TON	ACRE
13+50.0	15+34.3	0.10	9.0	9.0	9.0	0.2	0.1
17+35.4	22+50.0	LT	0.40	36.0	36.0	0.8	0.4
17+35.4	22+50.0	RT	0.25	22.5	22.5	0.5	0.25
TOTAL		0.75	67.5	67.5	67.5	1.5	0.75
USE		0.75	70	70	70	2	0.75

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

STATION	OFFSET	SIDE	EACH
		FEET	LT/RT
17+63.04	35.46	LT	1
17+84.65	50.00	LT	1
19+06.84	50.00	LT	1
21+56.86	50.00	LT	1
22+50.20	50.00	LT	1
22+50.27	39.64	LT	1
TOTAL			6
USE			6

PAVING SCHEDULE

STATION TO STATION	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	AGGREGATE SHOULDERS, TYPE B (SPECIAL)	HOT-MIX ASPHALT SHOULDERS, 8"
		TON	SO YD	TON	SO YD	TON
IL 78						
13+50.00	15+34.27	0.16	80.0	34.8	331.5	9.6
17+35.43	22+50.00	0.50	160.0	109.1	36.2	371.7
TOTALS		0.66	240.0	143.9	331.5	45.8
USE		0.7	240	144	332	515

ESTIMATED QUANTITIES

ITEMS	AGGREGATE (EROSION CONTROL)	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	HEAVY DUTY EXCELSION BLANKET	TEMPORARY EROSION CONTROL SEEDING
THE SHOWN ITEMS INCLUDE ESTIMATED QUANTITIES FOR EROSION CONTROL					
	TON	FOOT	EACH	SO YD	POUND
	40	500	2	2,000	200
TOTAL	40	500	2	2,000	200
USE	40	500	2	2,000	200

ENTRANCE PAVEMENT SCHEDULE

STATION	SIDE	TYPE	AREA	AGG BASE CSE, TYP B	INCIDENTAL HMA SURFACE
			SO YD	TON	
14+15.0	RT	FE	151.6	51.8	
14+52.5	LT	PE & MB	67.0	22.9	6.8
22+13.0	RT	FE	82.5	28.2	6.8
TOTAL				102.9	6.8
USE				103	7

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES

DRAWN BY JCW

DATE: 07/09/07

CHECKED BY JRB