

**EARTH EXCAVATION**

LOCATION	EARTH EXCAVATION		EMBANKMENT		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STA. 1207+00 TO STA. 1210+14.86	100	75	7		68	
STA. 1211+63.80 TO STA. 1215+00	0	0	10.2		-10.2	
TOTAL =	100.0	75.0	17.2		57.8	

ASSUME SHRINKAGE FACTOR - 25% EARTH EXCAVATION

EARTH EXCAVATION = 100.0 CU YD

**SEEDING, CLASS 2A**

LOCATION	ACRE
STA. 1207+00 TO STA. 1210+14.86	0.16
STA. 1211+63.80 TO STA. 1215+00	0.05
TOTAL =	0.21

(USE 0.25)

**NITROGEN FERTILIZER NUTRIENT**

LOCATION	POUND
SAME AS CLASS 2A SEEDING	23
TOTAL =	23

**PHOSPHORUS FERTILIZER NUTRIENT**

LOCATION	POUND
SAME AS CLASS 2A SEEDING	23
TOTAL =	23

**POTASSIUM FERTILIZER NUTRIENT**

LOCATION	POUND
SAME AS CLASS 2A SEEDING	23
TOTAL =	23

**MULCH, METHOD 2**

LOCATION	ACRE
SAME AS CLASS 2A SEEDING	0.21
TOTAL =	0.21

(USE 0.25)

**EROSION CONTROL BLANKET**

LOCATION	SQ YD
RT. STA. 1207+00 TO RT. STA. 1209+00	466
TOTAL =	466

**TEMPORARY EROSION CONTROL SEEDING**

LOCATION	POUND
SAME AS CLASS 2A SEEDING	25
TOTAL =	25

**BITUMINOUS MATERIALS (PRIME COAT)**

(AREAS MEASURED IN MICROSTATION) (BASED ON 1 COAT COLDMILL)	
LOCATION	GAL
STA. 1209+64.86 TO STA. 1210+14.86	14
STA. 1211+63.80 TO STA. 1212+13.80	14
TOTAL =	28

**AGGREGATE (PRIME COAT)**

(AREAS MEASURED IN MICROSTATION) (BASED ON 1 COAT COLDMILL)	
LOCATION	TON
STA. 1209+64.86 TO STA. 1210+14.86	0.4
STA. 1211+63.80 TO STA. 1212+13.80	0.4
TOTAL =	0.8

**LEVELING BINDER (MACHINE METHOD), N50**

(AREAS MEASURED IN MICROSTATION)	
LOCATION	TON
STA. 1209+64.86 TO STA. 1210+14.86	7.5
STA. 1211+63.80 TO STA. 1212+13.80	7.5
TOTAL =	15

**TEMPORARY RAMP**

LOCATION	SQ YD
STA. 1209+64.86	27
STA. 1210+14.86	27
STA. 1211+63.80	27
STA. 1212+13.80	27
TOTAL =	108

**HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50**

(AREA BY MICROSTATION)	
LOCATION	TON
STA. 1209+64.86 TO STA. 1210+14.86	15
STA. 1211+63.80 TO STA. 1212+13.80	15
TOTAL =	30

**PROTECTIVE COAT**

LOCATION	SQ YD
LT. STA. 1214+22 TO LT. STA. 1215+00	35
TOTAL =	35

**HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"**

(AREA BY MICROSTATION)	
LOCATION	SQ YD
STA. 1209+64.86 TO STA. 1210+14.86	178
STA. 1211+63.80 TO STA. 1212+13.80	178
TOTAL =	356

**GUTTER REMOVAL**

LOCATION	FOOT
LT. STA. 1214+13 TO LT. STA. 1215+00	93
TOTAL =	93

**CLASS SI CONCRETE (OUTLET)**

LOCATION	CU YD
LT. STA. 1214+22 TO LT. STA. 1215+00	5.8
TOTAL =	5.8

**STEEL PLATE BEAM GUARD RAIL, TYPE A**

LOCATION	FOOT
RT. STA. 1207+96.71 TO RT. STA. 1209+71.71	175.0
LT. STA. 1208+37.59 TO LT. STA. 1209+50.09	112.5
RT. STA. 1212+06.95 TO RT. STA. 1212+81.95	75.0
LT. STA. 1212+06.95 TO LT. STA. 1213+81.95	175.0
TOTAL =	537.5

**TRAFFIC BARRIER TERMINAL, TYPE 2**

LOCATION	EACH
TR 1125E:	
LT. STA. 50+51.18 TO LT. STA. 50+65.97	1
RT. STA. 50+48.48 TO RT. STA. 50+63.27	1
TOTAL =	2

**TRAFFIC BARRIER TERMINAL, TYPE 6A**

LOCATION	EACH
RT. STA. 1209+71.71 TO RT. STA. 1210+14.86	1
LT. STA. 1211+63.80 TO LT. STA. 1212+06.95	1
RT. STA. 1211+63.80 TO RT. STA. 1212+06.95	1
TOTAL =	3

**TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)**

LOCATION	EACH
RT. STA. 1207+46.71 TO RT. STA. 1207+96.71	1
TOTAL =	1

**GUARDRAIL REMOVAL**

(INCLUDES SIDEROAD GUARDRAIL)

LOCATION	FOOT
RT. STA. 1208+75 TO RT. STA. 1210+15	140
*LT. STA. 1209+07 TO LT. STA. 1210+15	153
LT. STA. 1211+64 TO LT. STA. 1213+17	153
RT. STA. 1211+64 TO RT. STA. 1212+29	65
TOTAL =	511

**STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)**

LOCATION	FOOT
LT. STA. 1209+50.09 TO LT. STA. 50+51.18 9 (TR 1125E)	50
TOTAL =	50

**ENGINEER'S FIELD OFFICE, TYPE B**

LOCATION	CAL MO
SECTION (115BR-1)BR	4
TOTAL =	4

**MOBILIZATION**

LOCATION	L SUM
SECTION (115BR-1)BR	1
TOTAL =	1

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701321**

LOCATION	EACH
SECTION (115BR-1)BR	1
TOTAL =	1

**TRAFFIC CONTROL AND PROTECTION, STANDARD 701201**

LOCATION	L SUM
SECTION (115BR-1)BR	1
TOTAL =	1

**TEMPORARY BRIDGE TRAFFIC SIGNALS**

LOCATION	EACH
SEE STAGING DETAILS	1
TOTAL =	1

**TEMPORARY RUMBLE STRIP**

LOCATION	EACH
(SEE STANDARD 701321)	
RT. STA. 1189+67	1
RT. STA. 1194+67	1
RT. STA. 1199+67	1
LT. STA. 1221+58	1
LT. STA. 1226+58	1
LT. STA. 1231+58	1
TOTAL =	6

**SHORT-TERM PAVEMENT MARKING**

LOCATION	FOOT
STAGE CONSTRUCTION:	
STA. 1206+67 TO STA. 1214+58 (YELLOW SKIP-DASH)	80
RESURFACING	
STA. 1209+64.89 TO STA. 1212+13.80 (YELLOW SKIP-DASH)	56
TOTAL =	136

**WORK ZONE PAVEMENT MARKING REMOVAL**

LOCATION	SQ FT
STAGE CONSTRUCTION:	
STA. 1206+67 TO STA. 1214+58 (YELLOW SKIP-DASH)	27
RESURFACING	
STA. 1209+64.89 TO STA. 1212+13.80 (YELLOW SKIP-DASH)	18
TOTAL =	45

**TEMPORARY CONCRETE BARRIER**

LOCATION	FOOT
STAGE 1	
STA. 1208+75 TO STA. 1213+00	425
TOTAL =	425

**RELOCATE TEMPORARY CONCRETE BARRIER**

LOCATION	FOOT
STAGE 2	
STA. 1208+87 TO STA. 1212+87	400
TOTAL =	400

**PAINT PAVEMENT MARKING - LINE 4"**

LOCATION	FOOT
STA. 1206+67 TO STA. 1211+85 (YELLOW NO-PASSING)	518
STA. 1206+67 TO STA. 1214+58 (YELLOW SKIP-DASH)	200
RT. STA. 1208+75 TO RT. STA. 1213+00 (WHITE EDGELINE)	425
LT. STA. 1208+87 TO LT. STA. 1212+87 (WHITE EDGELINE)	400
TOTAL =	1543

**RAISED REFLECTIVE PAVEMENT MARKER**

LOCATION	EACH
STA. 1206+67 TO STA. 1210+14.86	5
STA. 1211+63.80 TO STA. 1214+58	4
TOTAL =	9

**RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)**

LOCATION	EACH
STA. 1210+14.86 TO STA. 1211+63.80	2
TOTAL =	2

**GUARDRAIL MARKERS, TYPE A**

LOCATION	EACH
RT. STA. 1207+46.71 TO RT. STA. 1213+31.95	5
LT. STA. 1207+87.59 TO LT. STA. 50+65.97 (TR 1125E)	4
RT. STA. 50+63.27 (TR 1125E) TO LT. STA. 1214+31.95	5
TOTAL =	14

**TERMINAL MARKER - DIRECT APPLIED**

LOCATION	EACH
RT. STA. 1207+46.71	1
TR 1125E	
LT. STA. 50+65.97	1
RT. STA. 50+63.27	1
TOTAL =	3

**PAVEMENT MARKING REMOVAL**

(PAVEMENT MARKINGS CONFLICT WITH STAGING)

LOCATION	SQ FT
STA. 1206+67 TO STA. 1211+85 (YELLOW NO-PASSING)	173
STA. 1206+67 TO STA. 1214+58 (YELLOW SKIP-DASH)	67
RT. STA. 1208+75 TO RT. STA. 1213+00 (WHITE EDGELINE)	142
LT. STA. 1208+87 TO LT. STA. 1212+87 (WHITE EDGELINE)	133
TOTAL =	515

**RAISED REFLECTIVE PAVEMENT MARKER REMOVAL**

LOCATION	EACH
STA. 1206+67 TO STA. 1214+58	11
TOTAL =	11

**REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT**

LOCATION	EACH
REMOVE:	
1) LT. STA. 1208+57 TO LT. STA. 1209+07	1
2) RT. STA. 1212+29 TO RT. STA. 1212+79	1
3) LT. STA. 1213+17 TO LT. STA. 1213+67	1
RE-ERECT:	
1) LT. STA. 1207+87.59 TO LT. STA. 1208+37.59	
2) RT. STA. 1212+81.95 TO RT. STA. 1213+31.95	
3) LT. STA. 1213+81.95 TO LT. STA. 1214+31.95	
TOTAL =	3

**WIDTH RESTRICTION SIGNING**

LOCATION	L SUM
SECTION (115BR-1)BR	1
TOTAL =	1

**TRAFFIC BARRIER TERMINAL, TYPE 6A (SPECIAL)**

LOCATION	EACH
RT. STA. 50+48.48 (TR 1125E) TO LT. STA. 1210+14.86	1
TOTAL =	1

**IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3**

LOCATION	EACH
STAGE 1	
LT. STA. 1208+75	1
LT. STA. 1213+00	1
TOTAL =	2

**IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3**

LOCATION	EACH
STAGE 2	
RT. STA. 1208+87	1
RT. STA. 1212+87	1
TOTAL =	2