

CONCRETE BARRIER

EARTHWORK

LOCATION STATION TO STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT (NOT A PAY ITEM)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	REMARKS
	CU YD	CU YD	CU YD	CU YD	
EB TRAFFIC I-64					
82+39 to 166+87	2053	1540	0	1540	OUTSIDE SHOULDER
85+94 to 167+28	867	650	0	650	INSIDE SHOULDER
WB TRAFFIC I-64					
79+65 to 167+04	2134	1601	0	1601	OUTSIDE SHOULDER
84+74 to 178+00	1248	936	0	936	INSIDE SHOULDER
TOTAL	6302	4727	0	4727	

25% ADJUSTMENT FOR SHRINKAGE

LOCATION STATION TO STATION	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	TEMPORARY PAVEMENT MARKING LINE - 6"
	FOOT	FOOT	FOOT
EB TRAFFIC I-64 - STAGE 1	2675.0		2675.0
WB TRAFFIC I-64 - STAGE 1	2662.5		2662.5
EB TRAFFIC I-64 - STAGE 2	1262.5		1262.5
WB TRAFFIC I-64 - STAGE 2	2087.5		2087.5
EB TRAFFIC I-64 - STAGE 1 TO STAGE 2		2675.0	2675.0
WB TRAFFIC I-64 - STAGE 1 TO STAGE 2		2662.5	2662.5
EB TRAFFIC I-64 - STAGE 2 TO STAGE 3		2562.5	2562.5
WB TRAFFIC I-64 - STAGE 2 TO STAGE 3		2537.5	2537.5
NB TRAFFIC RTE 111 - STAGE 1	475.0		475.0
SB TRAFFIC RTE 111 - STAGE 1	475.0		475.0
NB TRAFFIC RTE 111 - STAGE 2	50.0		50.0
SB TRAFFIC RTE 111 - STAGE 2	50.0		50.0
NB TRAFFIC RTE 111 - STAGE 1 TO STAGE 2		475.0	475.0
SB TRAFFIC RTE 111 - STAGE 1 TO STAGE 2		475.0	475.0
TOTAL	9737.5	11,387.5	21,125.0

NOTE: A QUANTITY OF 21,125 FOOT "TEMPORARY PAVEMENT MARKING LINE - 6" HAS BEEN INCLUDED FOR PAINTING THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER.

IMPACT ATTENUATORS

LOCATION STATION TO STATION	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
	EACH	EACH
EB TRAFFIC I-64 - STAGE 1	5	
WB TRAFFIC I-64 - STAGE 1	5	
EB TRAFFIC I-64 - STAGE 2		5
WB TRAFFIC I-64 - STAGE 2	1	5
EB TRAFFIC I-64 - STAGE 3		5
WB TRAFFIC I-64 - STAGE 3		5
NB TRAFFIC RTE 111 - STAGE 1	1	
SB TRAFFIC RTE 111 - STAGE 1	1	
NB TRAFFIC RTE 111 - STAGE 2		1
SB TRAFFIC RTE 111 - STAGE 2		1
TOTAL	13	22

PAVEMENT MARKING REMOVAL

LOCATION STATION TO STATION	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKING REMOVAL
	SQ FT	EACH
EB TRAFFIC I-64 - PRE-STAGE	8427.7	488
WB TRAFFIC I-64 - PRE-STAGE	8476.8	492
EB TRAFFIC I-64 - STAGE 1	5698.1	
WB TRAFFIC I-64 - STAGE 1	5595.0	
EB TRAFFIC I-64 - STAGE 2	11,998.7	
WB TRAFFIC I-64 - STAGE 2	11,679.8	
EB TRAFFIC I-64 - STAGE 3	9694.0	
WB TRAFFIC I-64 - STAGE 3	9497.7	
NB TRAFFIC RTE 111 - PRE-STAGE	88.3	13
SB TRAFFIC RTE 111 - PRE-STAGE	136.0	20
NB TRAFFIC RTE 111 - STAGE 1	707.8	
SB TRAFFIC RTE 111 - STAGE 1	946.8	
NB TRAFFIC RTE 111 - STAGE 2	709.2	
SB TRAFFIC RTE 111 - STAGE 2	1053.8	
TOTAL	74,709.7	1013

REMOVAL

LOCATION STATION TO STATION	PAVED SHOULDER REMOVAL
	SO YD
EB TRAFFIC I-64	
82+39 to 166+87, OUTSIDE SHOULDER	4105.86
85+94 to 167+28, INSIDE SHOULDER	2229.49
WB TRAFFIC I-64	
79+65 to 167+04, OUTSIDE SHOULDER	4268.16
84+74 to 178+00, INSIDE SHOULDER	3209.05
TOTAL	13,812.56

WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION STATION TO STATION	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
	FOOT	SO FT
EB TRAFFIC I-64 - PRE-STAGE	2544	
WB TRAFFIC I-64 - PRE-STAGE	2592	
EB TRAFFIC I-64 - STAGE 1	48	933.0
WB TRAFFIC I-64 - STAGE 1	28	489.0
EB TRAFFIC I-64 - STAGE 2		14.7
WB TRAFFIC I-64 - STAGE 2	44	5.3
EB TRAFFIC I-64 - STAGE 3	2540	
WB TRAFFIC I-64 - STAGE 3	2520	24.0
EB TRAFFIC I-64 - REMOVAL PLACED STAGE 3		847.0
WB TRAFFIC I-64 - REMOVAL PLACED STAGE 3		210.0
NB TRAFFIC RTE 111 - STAGE 2	108	36.0
SB TRAFFIC RTE 111 - STAGE 2	264	87.7
TOTAL	10,688	2646.7

HOT-MIX ASPHALT SHOULDERS

LOCATION STATION TO STATION	AGGREGATE BASE COURSE, TYPE A	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SHOULDERS, 14"
	TON	TON	SO YD
EB TRAFFIC I-64			
82+39 to 166+87, OUTSIDE SHOULDER	2805.68	7.49	4105.87
85+94 to 167+28, INSIDE SHOULDER	1523.48	4.07	2229.49
WB TRAFFIC I-64			
79+65 to 167+04, OUTSIDE SHOULDER	2916.57	7.79	4268.16
84+74 to 178+00, INSIDE SHOULDER	2192.85	5.86	3209.06
TOTAL	9438.58	25.21	13,812.58

NOTE:

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT..... 112 LBS./SQ. YD./INCH  
 BITUMINOUS MATERIALS (PRIME COAT)  
 ON HMA FULL-DEPTH PAVEMENT..... 0.02 GALS./SQ.YD.  
 ON AGGREGATE SURFACE..... 0.40 GALS./SQ. YD.  
 ALL AGGREGATE..... 2.05 TONS/CU. YD.