

HMA SHLDRS 8"										
LOCATION			LENGTH	WIDTH	AREA	PRIME COAT*	HMA SHLDRS REMOVAL	HMA SHLDRS 8"		
STA.	TO	STA.	FT	FT	SQ YD	TON	SQ YD	SQ YD		
LT	STA. 142+00	TO	STA. 142+57	57	3.0	19.0	0.013	19.0	19.0	
	STA. 142+57	TO	STA. 143+02	45	10.0	50.0	0.033	50.0	50.0	
	STA. 143+02	TO	STA. 145+60	258	3.0	86.0	0.057	86.0	86.0	
	STA. 145+60	TO	STA. 150+33	473	7.0	367.9	0.243	367.9	367.9	
BRIDGE OMMISION										
	STA. 150+96	TO	STA. 155+50	454	7.0	353.1	0.233	353.1	353.1	
	STA. 155+50	TO	STA. 156+50	100	3.5	38.9	0.026	38.9	38.9	
							0.0			
RT	STA. 142+00	TO	STA. 142+45	45	3.0	15.0	0.010	15.0	15.0	
	STA. 142+45	TO	STA. 142+90	45	10.0	50.0	0.033	50.0	50.0	
	STA. 142+90	TO	STA. 145+24	234	3.0	78.0	0.051	78.0	78.0	
	STA. 145+24	TO	STA. 150+34	510	7.0	396.7	0.262	396.7	396.7	
BRIDGE OMMISION										
	STA. 150+96	TO	STA. 151+30	34	7.0	26.4	0.017	26.4	26.4	
	STA. 151+30	TO	STA. 152+43	113	9.5	119.3	0.079	119.3	119.3	
	STA. 152+43	TO	STA. 153+43	100	12.0	133.3	0.088	133.3	133.3	
	STA. 153+43	TO	STA. 154+28	85	7.0	66.1	0.044	66.1	66.1	
	STA. 154+28	TO	STA. 154+47	19	10.0	21.1	0.014	21.1	21.1	
	STA. 154+47	TO	STA. 156+10	163	7.0	126.8	0.084	126.8	126.8	
<b>TOTAL</b>							<b>1.285</b>	<b>1950.0</b>	<b>1950.0</b>	

\* USED THREE APPLICATIONS

EARTH EXC. BETWEEN EX. & PROP. ABUTMENTS						
LOCATION			LENGTH	AVG. DEPTH	AVG. X-SEC LENGTH	TOTAL FOR EACH STAGE
STA.	TO	STA.	FT	FT	FT	CY.YD.
STA. 150+15	To	STA. 150+34	19	11	40	= 310
STA. 150+96	To	STA. 151+24	28	11	40	= 460
<b>TOTAL</b>			<b>CY.YD.</b>			<b>770</b>
<b>TOTAL PER STAGE</b>			<b>CY.YD.</b>		<b>385</b>	

TREE REMOVAL (ACRES)*				
LOCATION				ACRES
LT	STA. 142+00	To	STA. 150+00	0.65
	STA. 150+00	To	STA. 156+50	0.25
RT	STA. 142+00	To	STA. 150+00	0.59
	STA. 150+00	To	STA. 157+00	0.01
<b>TOTAL</b>				<b>1.50</b>

PERIMETER EROSION BARRIER				
LOCATION				FT
LT	STA. 141+50	To	STA. 150+50	900
	STA. 151+00	To	STA. 157+00	600
RT	STA. 141+50	To	STA. 150+50	900
	STA. 151+00	To	STA. 157+00	600
<b>TOTAL</b>				<b>3000</b>

EARTHWORK QUANTITIES					
STAGE I					
LOCATION		EARTH EXCAVATION (CU YD)	EARTH EXCAVATION (ADJUSTED FOR SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	FURNISHED EXCAVATION (WASTE (+), SHORTAGE (-)) (CU YD)
<b>LT</b>					
STA. 142+00	To	STA. 150+00	227	170	3539
STA. 151+50	To	STA. 156+50	291	218	0
EARTH EXC. BETWEEN EX. & PROP. ABUTMENTS STAGE I & II			385	289	0
<b>SUB-TOTAL</b>			<b>903</b>	<b>677</b>	<b>3539</b>
<b>STAGE II</b>					
LOCATION		EARTH EXCAVATION (CU YD)	EARTH EXCAVATION (ADJUSTED FOR SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	FURNISHED EXCAVATION (WASTE (+), SHORTAGE (-)) (CU YD)
<b>RT</b>					
STA. 142+00	To	STA. 150+00	2	1	3671
STA. 151+50	To	STA. 156+50	237	178	24
EARTH EXC. BETWEEN EX. & PROP. ABUTMENTS STAGE I & II			385	289	0
<b>SUB-TOTAL</b>			<b>624</b>	<b>468</b>	<b>3695</b>
<b>TOTAL (STAGE I &amp; II)</b>			<b>1527</b>	<b>1145</b>	<b>7234</b>

FURNISHED EXCAVATION = EMBANKMENT - (EXCAVATION X 0.75)  
SHRINKAGE FACTOR = 25%

TOP SOIL FURNISH AND PLACE; 4" *				
LOCATION				SQ YD
LT	STA. 142+00	To	STA. 150+00	5184
	STA. 151+00	To	STA. 156+50	6002
RT	STA. 142+00	To	STA. 150+00	5314
	STA. 151+00	To	STA. 156+50	5963
<b>TOTAL</b>				<b>22,462</b>

\* AREAS ARE MEASURED IN CADD