

CITY OF CUYAHOGA FALLS

HARDY ROAD SLOPE STABILIZATION - 6/4/15

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		GEOTECH SERVICES**	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>PART A - SLIDE AREA - 100 LF</b>								
1	201	CLEARING AND GRUBBING	LUMP	1			\$ 500.00	\$ 500.00
2	202	REMOVAL OF CONCRETE SLOPE COVER, AS DIRECTED	S.Y.	50			\$ 44.00	\$ 2,200.00
3	203	EXCAVATION NOT INCL. EMBANKMENT CONSTR., AS DIR.	C.Y.	10			\$ 75.00	\$ 750.00
4	203	EMBANKMENT, GRANULAR, AS DIRECTED	C.Y.	10			\$ 111.00	\$ 1,110.00
5	207	TEMPORARY WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL	LUMP	1			\$ 1,000.00	\$ 1,000.00
6	301	BITUMINOUS AGGREGATE BASE	TON	10			\$ 82.35	\$ 823.50
7	304	AGGREGATE BASE (LIMESTONE)	C.Y.	10			\$ 76.00	\$ 760.00
8	601	ROCK CHANNEL PROTECTION, TYPE B, W/FABRIC FILTER	C.Y.	30			\$ 146.00	\$ 4,380.00
9	601	ROCK CHANNEL PROTECTION, TYPE C, W/FABRIC FILTER	C.Y.	3			\$ 141.75	\$ 425.25
10	603	18-INCH STORM SEWER	FT.	104			\$ 78.50	\$ 8,164.00
11	604	CATCH BASIN NO. 5, AS PER PLAN	EA.	1			\$ 4,000.00	\$ 4,000.00
12	606	GUARDRAIL, TYPE 5	FT.	162.5			\$ 19.50	\$ 3,168.75
13	606	ANCHOR ASSEMBLY, TYPE T	EA.	2			\$ 1,100.00	\$ 2,200.00
14	606	GUARDRAIL POST	EA.	26			\$ 17.25	\$ 448.50
15	609	CONCRETE CURB, TYPE 6	FT.	230			\$ 25.00	\$ 5,750.00
16	623	CONSTRUCTION LAYOUT STAKES	LUMP	1			\$ 800.00	\$ 800.00
17	669	SEEDING AND MULCHING	S.Y.	50			\$ 9.80	\$ 490.00
18	SPEC	TURF REINFORCEMENT MAT, AS DIR.	S.Y.	50			\$ 14.50	\$ 725.00
19	SPEC	FOG-SEALING PAVEMENT	S.Y.	250			\$ 7.65	\$ 1,912.50
20	SPEC	TURF REINFORCEMENT MAT	S.Y.	20			\$ 14.50	\$ 290.00
21	SPEC	SOILNAIL MOBILIZATION	L.S.	1			\$ 3,350.00	\$ 3,350.00
22	SPEC	SOILNAIL SHOTCRETE WALL	L.F.	105			\$ 880.00	\$ 92,400.00
<b>PART B - SLIDE AREA - 100 LF</b>								
23	201	CLEARING AND GRUBBING	LUMP	1			\$ 500.00	\$ 500.00
24	203	EXCAVATION NOT INCL. EMBANKMENT CONSTR.	C.Y.	20			\$ 75.00	\$ 1,500.00
25	203	EMBANKMENT	C.Y.	10			\$ 111.00	\$ 1,110.00
26	207	TEMPORARY WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL	LUMP	1			\$ 1,000.00	\$ 1,000.00
27	304	AGGREGATE BASE (LIMESTONE)	C.Y.	15			\$ 76.00	\$ 1,140.00
28	601	ROCK CHANNEL PROTECTION, TYPE B, WITH FABRIC FILTER	C.Y.	50			\$ 146.00	\$ 7,300.00
29	601	ROCK CHANNEL PROTECTION, TYPE C, WITH FABRIC FILTER	C.Y.	20			\$ 141.75	\$ 2,835.00
30	603	18-INCH STORM SEWER, TYPE B	FT.	8			\$ 78.50	\$ 628.00
31	604	CATCH BASIN NO. 2-2A	EA.	1			\$ 4,300.00	\$ 4,300.00
32	606	GUARDRAIL, TYPE 5	FT.	75			\$ 19.50	\$ 1,462.50
33	606	ANCHOR ASSEMBLY, TYPE T	EA.	2			\$ 1,100.00	\$ 2,200.00
34	606	GUARDRAIL POST	EA.	12			\$ 17.25	\$ 207.00
35	623	CONSTRUCTION LAYOUT STAKES	LUMP	1			\$ 800.00	\$ 800.00
36	669	SEEDING AND MULCHING	S.Y.	20			\$ 9.80	\$ 196.00
37	SPEC	FOG-SEALING	S.Y.	250			\$ 7.65	\$ 1,912.50
38	SPEC	TURF REINFORCEMENT MAT	S.Y.	20			\$ 14.50	\$ 290.00
39	SPEC	SOILNAIL SHOULDER BUILD-UP	L.F.	20			\$ 250.00	\$ 5,000.00
40	SPEC	SOILNAIL SHOTCRETE WALL	L.F.	20			\$ 880.00	\$ 17,600.00
<b>PART C - EAST CULVERT</b>							\$ -	\$ -
41	201	CLEARING AND GRUBBING	LUMP	1			\$ 500.00	\$ 500.00
42	202	EXIST. 36" DIA. PIPE REMOVED AND DISPOSED OF	L.F.	60			\$ 19.00	\$ 1,140.00
43	203	EXCAVATION NOT INCL. EMBANKMENT CONSTR.	C.Y.	50			\$ 75.00	\$ 3,750.00
44	203	EMBANKMENT	C.Y.	50			\$ 111.00	\$ 5,550.00
45	207	TEMPORARY WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL	LUMP	1			\$ 1,000.00	\$ 1,000.00
46	251	PARTIAL DEPTH PAVEMENT REPAIR	S.Y.	50			\$ 35.50	\$ 1,775.00
47	253	PAVEMENT REPAIR	S.Y.	15			\$ 118.00	\$ 1,770.00
48	301	BITUMINOUS AGGREGATE BASE	TON	5			\$ 82.35	\$ 411.75
49	304	AGGREGATE BASE (LIMESTONE)	C.Y.	15			\$ 76.00	\$ 1,140.00
50	407	TACK COAT	GAL	1			\$ 50.00	\$ 50.00
51	404	ASPHALT CONCRETE SURFACE COURSE	TON	1			\$ 97.20	\$ 97.20
52	601	ROCK CHANNEL PROTECTION, TYPE B, WITH FABRIC FILTER	C.Y.	10			\$ 146.00	\$ 1,460.00
53	601	ROCK CHANNEL PROTECTION, TYPE C, WITH FABRIC FILTER	C.Y.	40			\$ 141.75	\$ 5,670.00
54	603	18-INCH STORM SEWER, TYPE C	FT.	100			\$ 185.00	\$ 18,500.00
55	623	CONSTRUCTION LAYOUT STAKES	LUMP	1			\$ 800.00	\$ 800.00
56	669	SEEDING AND MULCHING	S.Y.	50			\$ 9.80	\$ 490.00
57	SPEC	FOG-SEALING	S.Y.	250			\$ 7.65	\$ 1,912.50
58	SPEC	TURF REINFORCEMENT MAT	S.Y.	50			\$ 14.50	\$ 725.00
59	SPEC	SOILNAIL SHOTCRETE WALL	L.F.	15			\$ 1,650.00	\$ 24,750.00
60	614	MAINTENANCE OF TRAFFIC	LUMP	1			\$ 3,350.00	\$ 3,350.00
61	624	MOBILIZATION	LUMP	1			\$ 3,050.00	\$ 3,050.00
<b>TOTAL</b>							<b>\$ -</b>	<b>\$ 263,519.95</b>

\*\* DENOTES FIELD WITH MATH ERROR IN BOOK. CORRECTED VALUE IS SHOWN ON THIS SHEET

LOW -----> HIGH