



DETAIL OF RIPRAP, CLASS A3

GUARDRAIL SCHEDULE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL MARKER, TYPE A	TERMINAL MARKER, DIRECT APPLIED	NOTES
	FT	EACH	EACH	EACH	EACH	EACH	
LT STA 709+45 TO STA 709+95		1				1	
LT STA 709+95 TO STA 710+70	75			1	3		
LT STA 710+70 TO STA 711+13							
RT STA 709+52 TO STA 710+02	87.5		1		3	1	1: 25 FLARE
RT STA 710+02 TO STA 710+89				1			
RT STA 710+89 TO STA 711+32							
LT STA 714+86 TO STA 715+29				1			
LT STA 715+29 TO STA 717+17	187.5				4		
LT STA 717+17 TO STA 717+67		1				1	
RT STA 715+05 TO STA 715+48				1			
RT STA 715+48 TO STA 716+23	75				3		
RT STA 716+23 TO STA 716+73		1				1	
<b>TOTALS</b>	<b>425</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>13</b>	<b>4</b>	

LOCATION	EARTH EXCAVATION CU. YD.	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE CU. YD.	EMBANKMENT CU. YD.	EARTHWORK BALANCE WASTE(+) SHORTAGE(-) CU. YD.	TOPSOIL EXCAVATION AND PLACEMENT CU. YD.
STA 707+00 TO 711+80	1106	830	2658	-1829	344
STA 714+70 TO 722+00	947	710	4605	-3895	357
STRUCTURE EXCAVATION	80	60		60	
CHANNEL EXCAVATION	2211	1658		1658	
<b>TOTALS</b>	<b>4344</b>	<b>3258</b>	<b>7263</b>	<b>-4005</b>	<b>701</b>

AGGREGATE SHOULDERS, TYPE B 8"	
LT STA 707+00 TO 709+51	84 SQ YD
LT STA 709+51 TO 711+28	39 SQ YD
RT STA 707+00 TO 709+00	67 SQ YD
RT STA 709+40 TO 711+50	47 SQ YD
LT STA 714+71 TO 717+61	64 SQ YD
LT STA 717+61 TO 722+15	151 SQ YD
RT STA 714+90 TO 716+65	39 SQ YD
RT STA 716+65 TO 722+15	183 SQ YD
<b>TOTAL</b>	<b>674 SQ YD</b>

PIPE CULVERT REMOVAL	
31' RT STA 708+93 TO 31' RT STA 709+55	62 FOOT
14' LT STA 711+36 TO 14' RT STA 711+53	33 FOOT
15' RT STA 711+53 TO 44' RT STA 711+49	30 FOOT
<b>TOTAL</b>	<b>125 FOOT</b>

CONCRETE HEADWALL REMOVAL	
31' RT STA 708+93	1 EACH
31' RT STA 709+55	1 EACH
44' RT STA 711+49	1 EACH

PAVED DITCH REMOVAL	
LT STA 709+12 TO 711+60	258 FOOT
RT STA 710+24 TO 712+14	193 FOOT
LT STA 714+96 TO 722+00	704 FOOT
RT STA 715+31 TO 722+00	669 FOOT
<b>TOTAL</b>	<b>1824 FOOT</b>

TREE REMOVAL	
RT STA 707+00 TO 707+50	0.04 ACRE
RT STA 711+00 TO 711+68	0.06 ACRE
RT STA 715+00 TO 719+35	0.32 ACRE
RT STA 720+48 TO 721+00	0.03 ACRE
<b>TOTAL</b>	<b>0.45 ACRE</b>

REMOVING INLETS	
14' LT STA 711+36	1 EACH

REMOVING MANHOLES	
14' RT STA 711+53	1 EACH

FURNISHING AND ERECTING RIGHT OF WAY MARKERS	
57.00' LT STA 710+70	1 EACH
85.00' LT STA 715+00	1 EACH
65.00' LT STA 716+27.63	1 EACH
90.00' RT STA 716+42	1 EACH
60.00' RT STA 717+50	1 EACH
46.74' LT STA 719+50	1 EACH
<b>TOTAL</b>	<b>6 EACH</b>

HOT-MIX ASPHALT SHOULDERS, 8"	
LT STA 707+00 TO 709+51	139 SQ YD
LT STA 709+51 TO 711+28	118 SQ YD
RT STA 707+00 TO 709+00	111 SQ YD
RT STA 709+40 TO 711+50	245 SQ YD
LT STA 714+71 TO 717+61	193 SQ YD
LT STA 717+61 TO 722+15	252 SQ YD
RT STA 714+90 TO 716+65	117 SQ YD
RT STA 716+65 TO 722+15	306 SQ YD
<b>TOTAL</b>	<b>1481 SQ YD</b>

PIPE CULVERTS, CLASS D, TYPE 1 15"	
32' RT STA 708+94 TO 40' RT STA 709+56	62 FOOT

GUARDRAIL REMOVAL	
LT STA 710+14 TO 711+41	125 FOOT
RT STA 709+56 TO 711+59	200 FOOT
LT STA 714+62 TO 716+75	213 FOOT
RT STA 714+84 TO 717+92	312 FOOT
<b>TOTAL</b>	<b>850 FOOT</b>

FILTER FABRIC	
LT STA 709+12 TO 711+60	303 SQ YD
RT STA 709+55 TO 712+14	374 SQ YD
LT STA 714+96 TO 722+00	860 SQ YD
RT STA 715+31 TO 722+00	966 SQ YD
<b>TOTAL</b>	<b>2503 SQ YD</b>

STONE RIPRAP, CLASS A3	
LT STA 709+12 TO 711+60	248 SQ YD
RT STA 709+55 TO 712+14	317 SQ YD
LT STA 714+96 TO 722+00	704 SQ YD
RT STA 715+31 TO 722+00	818 SQ YD
<b>TOTAL</b>	<b>2087 SQ YD</b>

BRIDGE APPROACH SHOULDER REMOVAL	
LT STA 711+29 TO 711+42	5 S. Y.
RT STA 711+45 TO 711+58	5 S. Y.
LT STA 714+61 TO 714+74	5 S. Y.
RT STA 714+76 TO 714+90	5 S. Y.
<b>TOTAL</b>	<b>20 S. Y.</b>

APPROACH SLAB REMOVAL	
C. L. STA 711+23 TO 711+50	73 S. Y.
C. L. STA 714+69 TO 714+96	73 S. Y.
<b>TOTAL</b>	<b>146 S. Y.</b>

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
ei:\pw\work\p\dot\stefenk\d011799\1\0774350-shd-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 8/13/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES AND DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	(122BRIB-1)	Coles	60	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74350	