

MODEL: Default
 FILE NAME: p:\projects\benley.com\p1001\Documents\DOT_Offices\Dirct_8\Project\067213\CAD\Drawings\067213-ash-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00520-0000	6-00521-0000
				100% FEDERAL	100% FEDERAL
				BOX CULVERT 0004	BOX CULVERT 0004
				S.N. 063-7035	S.N. 063-7036
28100105	STONE RIPRAP, CLASS A3	SQ YD	409		409
28100107	STONE RIPRAP, CLASS A4	SQ YD	830	421	409
28200200	FILTER FABRIC	SQ YD	830	421	409
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	69		69
35501326	HOT-MIX ASPHALT BASE COURSE, 10 1/2"	SQ YD	212	195	17
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SQ YD	371		371
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	14		14
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	28	17	11
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	11	11	
44000100	PAVEMENT REMOVAL	SQ YD	234	195	39
44004250	PAVED SHOULDER REMOVAL	SQ YD	371		371
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	18	3	15
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1



△ REVISED 10-20-2021

USER NAME = coxjw DESIGNED - DRAWN - PLOT SCALE = 100.0000' / in. CHECKED - PLOT DATE = 8/20/2021 DATE -	REVISED - REVISED - REVISED + REVISED +	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.	<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>614</td> <td>(141)CR,CR-1</td> <td>MASON</td> <td>54</td> <td>5</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	614	(141)CR,CR-1	MASON	54	5
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.										
614	(141)CR,CR-1	MASON	54	5										
			ILLINOIS FED. AID PROJECT CONTRACT NO. 72F35											

REV-SEP

MODEL: Default
 FILE NAME: p:\illinois\benley.com\p\1001\Documents\DOT_Offices\Dirct_8\Projects\67213\CAD\Drawings\67213-shs-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00520-0000	6-00521-0000
				100% FEDERAL	100% FEDERAL
				BOX CULVERT 0004	BOX CULVERT 0004
				S.N. 063-7035	S.N. 063-7036
50105220	PIPE CULVERT REMOVAL	FOOT	76	36	40
51500100	NAME PLATES	EACH	2	1	1
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	215		215
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2	
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2		2
54010804	PRECAST CONCRETE BOX CULVERTS 8' X 4'	FOOT	162		162
54011010	PRECAST CONCRETE BOX CULVERTS 10' X 10'	FOOT	96	96	
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	21	21	
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	106	106	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	219	149	70
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	72	72	
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	40		40
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	303	131	172

△ REVISED 10-19-2021

REV. - MS

REV-SEP

USER NAME = COXJW	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 3	OF 4 SHEETS	STA.	TO STA.	614	(141)CR,CR-1	MASON	54	6
PLOT DATE = 8/20/2021	CHECKED -	REVISED +		CONTRACT NO. 72F35									
	DATE -	REVISED +		ILLINOIS FED. AID PROJECT									

		20100500	
LOCATION	LENGTH (SQ FT)	TREE REM ACRES	ACRES
FAP 614 (IL 78)			
SN 063-7035			
STA 194+67.00, 47' LT	2,071.29		0.05
STA 195+19.00, 64' RT	3,372.88		0.08
TOTAL			0.13
		USE 0.25	

DESCRIPTION	STATION	EXIST. ENTR.	FROM E.O.P. (FOOT)	WIDTH		THICK (INCH)	AGG BSE CRSE TA 6 (SQ YD)	ENTR.		SIDE RD.		TOTAL (TON)	Aggr. Shldr AREA (SQ FT)
				(@eop)	(etnr.)			AREA (SQ FT)	TOTAL (TON)	AREA (SQ FT)	TOTAL (TON)		
FAP 614 (IL 78)													
LIMITS OF IMPROVEMENT 192+20.00													
HMA PE LT	193+59.00	BIT.	8	30	17	2.25to1.5		188.00	2.19			2.19	0.76
1315N RT	193+88.44	BIT.	10	40	28	2.25to1.5				340.00	3.97	3.97	1.24
HMA PE LT	195+45.00	BIT.	6	31	16	2.25to1.5		141.00	1.65			1.65	0.71
1310N RT	196+24.51	BIT.	4	24	20	2.25to1.5		88.00	1.03			1.03	0.89
HMA PE LT	196+54.00	BIT.	8	34	19	2.25to1.5		212.00	2.47			2.47	0.84
LIMITS OF IMPROVEMENT 196+74.00													
LIMITS OF IMPROVEMENT 368+95.00													
AGG FE LT	370+09.00	AGG	22	37	19	8"	68.44						
1310N RT	1000N	BIT.											
LIMITS OF IMPROVEMENT 372+45.00													
TOTAL							69	629	7	340	4	11	4

LOCATION	20200100		20400800		BALANCE WASTE + SHORT () (CU YD)
	EARTH EXCAV (CU YD)	SHRINK FACTOR (CU YD)	EMBANK (CU YD)		
FAP 614 (IL 78)					
SN 063-7035					
192+00.00 TO 198+00.00	269.63	202.23	735.54		(533.32)
SN 063-7036					
368+50.00 TO 372+00.00	265.07	198.80	92.95		105.85
TOTAL =	535	402	828		-427

Shrinkage Factor 25%

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	44004250
			PVD SHD REM (SQ YD)
FAP 614 (IL 78)			
SN 063-7036			
368+95.30 TO 372+45.00 RT	349.70	7.0	271.99
369+20.40 TO 372+18.25 LT	297.85	3.0	99.28
TOTAL			371

LOCATION	AREA (SQ FT)	25000200				
		25100115 SEEDING & MULCH METH 2 (ACRE)	25000400 NITRO FERT NUTRI (POUND)	25000500 PHOSP FERT NUTRI (POUND)	25000600 POTASS FERT NUTRI (POUND)	25000700 AGRI GRD LIMSTN (TON)
FAP 614 (IL 78)						
SN 063-7035						
192+20.00 TO 197+68.00 RT	2,871	0.07	5.93	5.93	5.93	0.13
193+44.00 TO 196+44.00 LT	4,456	0.10	9.21	9.21	9.21	0.20
SN 063-7036						
370+10.00 TO 371+21.00 RT	2,212	0.05	4.57	4.57	4.57	0.10
370+18.00 TO 371+00.00 LT	1,261	0.03	2.61	2.61	2.61	0.06
TOTAL		0.25	22	22	22	0.50

LOCATION	AVG. THICK (INCHES)	LENGTH (FOOT)	WIDTH (FOOT)	AREA (CU YD)	48102100
					AGG WGE SHLD TB (TON)
FAP 614 (IL 78)					
SN 063-7035					
194+66.83 TO 195+19.17 x2	1.625	52.34	3.0	1.58	2.52
SN 063-7036					
368+95.30 TO 372+45.00 RT	1.625	349.7	3.0	5.26	8.42
369+20.40 TO 372+18.25 LT	1.625	297.8	3.0	4.48	7.17
SUBTRACT AGG SHLD AREA FROM SIDE RD & ENT					
TOTAL					18

LOCATION	AREA (SQ FT)	28100105		28100107		28200200
		STONE RIPRAP CL A3 (SQ YD)	STONE RIPRAP CL A4 (SQ YD)	STONE RIPRAP CL A4 (SQ YD)	STONE RIPRAP CL A4 (SQ YD)	
FAP 614 (IL 78)						
SN 063-7035						
194+33.00 TO 194+92.00 LT	1,522		169			169
194+96.00 TO 195+50.00 RT	2,270		252			252
SN 063-7036						
370+27.00 TO 370+81.00 LT	1,198	133	133			133
370+27.00 TO 371+20.00 RT	2,471	275	275			275
TOTAL		400	830			830

LOCATION	TEMP DITCH CHECKS (FOOT)	PRINTER EROSION BARRIER (FOOT)	INLET & PIPE PROTECT (EACH)
FAP 614 (IL 78)			
SN 063-7035			
193+39.00	R		1
193+40.00	L		1
193+79.00	L		1
194+00.00	L	10	
194+25.00 TO 194+32.00	L	17	
194+32.00	R		1
194+50.00	R	10	
194+63.00	L		1
195+00.00	R	10	
195+07.00	L		1
195+50.00 TO 196+00.00	R	55	
195+75.00	R	10	
196+00.00	R		1
196+73.00			2
SN 063-7036			
369+83.00	L		1
370+50.00		20	
370+70.00	L		1
371+00.00	R	10	
TOTAL	70	72	11

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	35501326		35501332		40604050		44000100	
			HMA BSE CRSE 10 1/2" (SQ YD)	HMA BSE CRSE 12" (SQ YD)	HMA SURF CSE MIX C N50 (TON)	PVT REMOV (SQ YD)				
FAP 614 (IL 78)										
SN 063-7035										
194+66.83 TO 195+19.17	1,756.52		195.17		16.39		195.17			
SN 063-7036										
368+95.30 TO 372+45.00 RT	349.70	7.0		271.99						
369+20.40 TO 372+18.25 LT	297.85	3.0		99.28						
370+44.00 TO 370+83.00	39.00	31.0	16.93		11.28		39.00			
TOTAL			212	371	28		234			



REVISION 10-20-2021

MODEL: D:\default...
 FILE: M:\...
 PROJECT: ...
 SHEET: ...

USER NAME = coxjw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/20/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	(141)CR-1	MASON	54	9
CONTRACT NO. 72F35			ILLINOIS FED. AID PROJECT	

LOCATION	78001120 5"		78300202	
	PAINT PAVT MK (YELLOW) SKIP-DASH (FOOT)	PAINT PAVT MK (WHITE) SOLID (FOOT)	PVT MK REM WATER BLAST SKIP-DASH (SQ FT)	PVT MK REM WATER BLAST SOLID (SQ FT)
	FAP 614 (IL 78) SN 063-7035 194+66.83 TO 195+19.17 SN 063-7036 368+00.00 TO 374+00.00 TOTAL	17 200 217	105 1,200 1,305	21 21 21
	1,522		521	

LOCATION	20800150	50105220	542A0220	542A0223	542D0220	542D0223	60240215
	TRENCH BACKFILL (CU YD)	PIPE CULVT REMOVAL (FOOT)	PIPE CULVT CL A T1 15 (FOOT)	PIPE CULVT CL A T1 18 (FOOT)	PIPE CULVT CL D T1 15 (FOOT)	PIPE CULVT CL D T1 18 (FOOT)	INLETS TB T1 FRAME CL (EACH)
FAP 614 (IL 78) SN 063-7035							
193+43.00 TO 193+93.00 LT	4.36	36.00		50.00			
193+93.00 TO 194+40.00 LT				56.00			1.00
STA 193+93.00, 32.02' LT							
193+79.00 TO 194+46.00 LT						72.00	
STA 194+32.00, 31.29' RT							1.00
194+32.00 TO 195+08.00 RT					83.00		
STA 195+07.00, 27.15' LT							1.00
195+07.00 TO 194+88.00 LT			21.00				
STA 196+00.00, 34.11' RT							1.00
195+43.00 TO 196+00.00 LT					66.00		
SN 063-7036							
369+87.00 TO 370+56.00 LT		40.00	60.00		70.00		
TOTAL	5	76	21	106	219	72	4

LOCATION	66600105 FURNISH & ERECT ROW MK (EACH)
FAP 614 (IL 78) SN 063-7035	
193+38.00, 43' LT	1
193+70.00, 53' LT	1
194+06.00, 55' LT	1
194+20.00, 80' LT	1
194+50.00, 45' RT	1
194+75.00, 60' RT	1
194+75.00, 80' LT	1
195+00.00, 90' RT	1
195+05.00, 45' LT	1
195+50.00, 90' RT	1
195+89.00, 54' RT	1
196+14.00, 54' RT	1
196+14.00, 44' RT	1
SN 063-7036	
370+20.00, 40' RT	1
370+30.00, 40' LT	1
370+30.00, 60' LT	1
370+65.00, 85' RT	1
370+88.00, 60' LT	1
370+75.00, 85' RT	1
371+30.00, 40' RT	1
TOTAL	20

LOCATION	70400100	70400200
	TEMP CONC BARRIER (FOOT)	RELOC TEMP CONC BAR (FOOT)
FAP 614 (IL 78) SN 063-7036		
369+39.00 TO 372+00.00 S1	262.50	262.50
369+01.00 TO 369+39.00 S2	37.50	
372+00.00 TO 372+38.00 S2	37.50	
TOTAL	337.5	262.5

LOCATION	AREA	AREA	40201000	5421D015
	(SQ FT)	(CU YD)	AGG FOR TEMP ACCESS (TON)	PIPE CULVT CL D T1 TEMP (FOOT)
FAP 614 (IL 78) SN 063-7036				
STA 367+00.00 LT	554.50	6.85	13.69	40
TOTAL			14	40

LOCATION	78100100	78300200
	RAISED REF PVT MK (EACH)	RAISED REF PVT MK REM (EACH)
FAP 614 (IL 78) SN 063-7036		
368+00.00 TO 374+00.00	8	8
TOTAL	8	8

LOCATION	50100300	50100400	X0100028	54001001	544001001	54010804	54011010	Z0023602	Z0023602
	REM OF EX STR NO 1 (EACH)	REM OF EX STR NO 2 (EACH)	TEMP SOIL RETENT SYSTEM (SQ FT)	BX CULVT ES CULVT #1 (EACH)	BX CULVT ES CULVT #2 (EACH)	PC CONC BX CULVT 8 X 4 (FOOT)	PC CONC BX CULVT 10 X 10 (FOOT)	GRAN CULVT BK FILL (CU YD)	ROCKFILL FOUND (TON)
FAP 614 (IL 78) SN 063-7017 (EXIST) SN 063-7035 (PROP)	1.0							150.0	315.0
194+93.00 30 DEG SKEW RT SN 063-7020 (EXIST) SN 063-7036 (PROP)		1.0		2.0			96.0		
TOTAL	1	1	215.0	2	2	162.0	96	215	315

△ REVISED 10-19-2021

MODEL: D:\p101\...
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USER NAME = coxjw	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED +
PLOT DATE = 8/24/2021	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	(141)CR,CR-1	MASON	54	10
CONTRACT NO. 72F35				
ILLINOIS FED. AID PROJECT				