ESCA CONSULTANTS, INC.
CIVIL • STRUCTURAL • TRANSPORTATION
ENVIRONMENTAL • GEOTECHNICAL

60600095 CLASS SI CONCRETE (OUTLET)

CU YD	LOCATION	REMARKS
7.7	RT Sta. 721+80 to 722+70	
8.3	LT Sta. 724+03 to 724+73	
6.5	RT Sta. 729+58 to 730+30	
6.5	LT Sta. 729+56 to 730+20	
8.3	LT FE Sta. 723+70	
8.3	LT FE Sta. 730+50	
45.6	TOTAL	

60602600 CONCRETE GUTTER, TYPE A (MODIFIED)

FOOT	LOCATION	REMARKS
187	LT Sta. 721+50 to 723+37	
30	RT Sta. 721+50 to 721+80	
13	LT Sta. 730+87 to 731+00	
70	RT Sta. 730+30 to 731+00	
300	TOTAL	

63200310 GUARDRAIL REMOVAL

FOOT	LOCATION	REMARKS
88	LT Sta. 724+60 to 725+58.47	
50	RT Sta. 725+11 to 725+58.47	
375	LT Sta. 725+85.13 to 726+87	
100	RT Sta. 725+85.13 to 729+61	
613	TOTAL	

63500105 DELINEATORS

EACH	LOCATION	REMARKS
2	LT & RT Sta. 725+71.80	
2	TOTAL	

66600105 FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

EACH	LOCATION	REMARKS
1	RT Sta. 721+00	
1	RT Sta. 722+00	
1	LT Sta. 723+00	
1	LT Sta. 724+50	
1	RT Sta. 724+75	
2	LT & RT Sta. 725+25	
1	RT Sta. 726+00	
1	LT Sta. 726+25	
1	RT Sta. 727+00	
2	LT & RT Sta. 728+00	
1	LT Sta. 729+75	
1	RT Sta. 730+00	
1	LT Sta. 731+00	
1	RT Sta. 731+29.32	
1	LT Sta. 733+00	
1	LT Sta. 737+00	
1	LT Sta. 738+00	
19	TOTAL	

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION	REMARKS
2	SN 037-0172	
2	TOTAL	

67000400 ENGINEER'S FIELD OFFICE, TYPE A

CAL MO	LOCATION	REMARKS
3	SN 037-0172	
3	TOTAL	

67100100 MOBILIZATION

L SUM	LOCATION	REMARKS
0.5	SN 037-0172	
0.5	TOTAL	

70100405 TRAFFIC CONTROL AND PROTECTION, STANDARD 701321

EACH	LOCATION	REMARKS
1	SN 037-0172	
1	TOTAL	

70100450 TRAFFIC CONTROL AND PROTECTION, STANDARD 701201

L SUM	LOCATION	REMARKS
0.5	SN 037-0172	
0.5	TOTAL	

70100500 TRAFFIC CONTROL AND PROTECTION, STANDARD 701326

L SUM	LOCATION	REMARKS
1	SN 037-0172	
1	TOTAL	

70103815 TRAFFIC CONTROL SURVEILLANCE

CAL DA	LOCATION	REMARKS
2	SN 037-0172	
2	TOTAL	

70106500 TEMPORARY BRIDGE TRAFFIC SIGNALS

EACH	LOCATION	REMARKS
1	SN 037-0172	
1	TOTAL	

70106700 TEMPORARY RUMBLE STRIP

EACH	LOCATION	REMARKS
1	Sta. 705+19	
1	Sta. 710+19	
1	Sta. 715+19	
1	Sta. 736+31	
1	Sta. 741+31	
1	Sta. 746+31	
6	TOTAL	

70300100 SHORT-TERM PAVEMENT MARKING

FOOT	LOCATION	REMARKS
68	Sta. 722+19 to 728+94	Yellow centerline striping
288	Sta. 721+50 to 731+00	3 applications of yellow centerline striping
64	Sta. 721+50 to 731+00	2 applications of white edge line striping
420	TOTAL	

70300220 TEMPORARY PAVEMENT MARKING – LINE 4"

FOOT	LOCATION	REMARKS
1900	LT & RT Sta. 721+50 to 731+00	White edgeline striping
40	Sta. 729+75 to 731+00	Yellow skip-dash centerline SB
85	Sta. 730+15 to 731+00	Yellow no pass centerline NB
220	Sta. 721+50 to 730+15	Yellow skip-dash centerline NB
825	Sta. 721+50 to 729+75	Yellow no pass centerline SB
3070	TOTAL	

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

SQ FT	LOCATION	REMARKS
655	LT & RT Sta. 721+50 to 731+00	Edgeline striping
509	Sta. 721+50 to 731+00	Centerline striping
1164	TOTAL	

70400100 TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	REMARKS
387.5	Sta. 723+79 to 727+67	Stage I
237.5	Sta. 724+17 to 727+29	Stage II
625	TOTAL	

70400200 RELOCATE TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	REMARKS
387.5	Sta. 724+17 to 727+29	Stage II
387.5	TOTAL	

78001110 PAINT PAVEMENT MARKING – LINE 4"

FOOT	LOCATION	REMARKS
3800	LT & RT Sta. 721+50 to 731+00	White edgeline striping, 2 applications
80	Sta. 729+75 to 731+00	Yellow skip-dash centerline SB, 2 applications
170	Sta. 730+15 to 731+00	Yellow no pass centerline NB, 2 applications
440	Sta. 721+50 to 730+15	Yellow skip-dash centerline NB, 2 applications
1650	Sta. 721+50 to 729+75	Yellow no pass centerline SB, 2 applications
6140	TOTAL	

78300100 PAVEMENT MARKING REMOVAL

SQ FT	LOCATION	REMARKS
25	Sta. 722+19 to 725+16.8	Centerline striping, Stage I
26	Sta. 726+29.30 to 729+31	Centerline striping, Stage I
132	LT Sta. 723+74.80 to 727+71.30	Edgeline striping, Stage I
45	RT Sta. 724+06.80 to 725+41.80	Edgeline striping, Stage II
46	RT Sta. 726+01.80 to 727+39.30	Edgeline striping, Stage II
274	TOTAL	

Z0001900 ASBESTOS BEARING PAD REMOVAL

EACH	LOCATION	REMARKS
20	SN 037-0091	
20	TOTAL	

Z0005400 BREAKER-RUN CRUSHED STONE

TON	LOCATION	REMARKS
360	SN 037-0172	141'-4"x32'-3"x12"
360	TOTAL	

Z0013798 CONSTRUCTION LAYOUT

L SUM	LOCATION	REMARKS
0.5	SN 037-0172	
0.5	TOTAL	

Z0030250 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION	REMARKS
1	Sta. 723+79	Stage I
1	Sta. 727+67	Stage I
2	TOTAL	

Z0030260 IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

EACH	LOCATION	REMARKS
1	Sta. 724+17	Stage II
1	Sta. 727+29	Stage II
2	TOTAL	

Z0030350 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION	REMARKS
1	Sta. 724+17	Stage II
1	Sta. 727+29	Stage II
2	TOTAL	

X0323988 TEMPORARY SOIL RETENTION SYSTEM

SQ FT	LOCATION	REMARKS
430	SN 037-0172	
430	TOTAL	

LOCATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CU YD)
RT STA. 726+01.80 TO 731+00	215	161	85	+76
RT STA. 721+50 TO 725+41.80	305	229	200	+29
LT STA. 726+01.80 TO 731+00	1230	922	525	+397
LT STA. 721+50 TO 725+41.80	250	188	80	+108
EXCAVATION FOR PR CULVERT	580*	435	310	+125
TOTALS	2580	1935	1200	+735

EXCAVATION USED AS EMBANKMENT = EARTH EXCAVATION * 0.75
*COST INCLUDED IN PRECAST CONCRETE BOX CULVERT AND BOX CULVERT END SECTIONS