

**SUMMARY OF QUANTITIES - PROJECT TOTALS**

TOTAL QUANTITY	UNIT	DESCRIPTION	TOTAL QUANTITY	UNIT	DESCRIPTION
<b>PREPARATION</b>			75	EACH	PLANT SELECTION SMALL FRUITED BULRUSH 1 GAL.
1	L.S.	MOBILIZATION	75	EACH	PLANT SELECTION COMMON RUSH 1 GAL.
22	ACRE	CLEARING AND GRUBBING	150	EACH	PLANT SELECTION GARY OAK 1 GAL.
29,200	S.Y.	SUBGRADE PREPARATION	160	L.F.	COIR LOG
1	EST.	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1,030	L.F.	HIGH VISIBILITY SILT FENCE
1	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION	3,600	S.Y.	BIODEGRADABLE EROSION CONTROL BLANKET
<b>GRADING</b>			160	L.F.	BIODEGRADABLE CHECK DAM
71,290	C.Y.	ROADWAY EXCAVATION INCL. HAUL	<b>TRAFFIC</b>		
102,000	C.Y.	HARD ROCK EXCAVATION	5,956	L.F.	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT. LONG POST
161,500	C.Y.	EMBANKMENT COMPACTION	4,950	L.F.	AES. TR. BEAM GUARDRAIL TYPE 31 9 FT. LONG POST
<b>DRAINAGE</b>			13	EACH	AES. TR. BEAM GUARDRAIL ANCHOR TYPE 10
132	C.Y.	DITCH EXCAVATION INCL. HAUL	17	EACH	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
377	C.Y.	QUARRY SPALLS FROM STOCKPILE	612.5	L.F.	AES. TR. BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2
397	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 12 IN. DIAM.	18,562	L.F.	PAINT LINE
893	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 18 IN. DIAM.	1	L.S.	PERMANENT SIGNING
54	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 24 IN. DIAM.	36,984	L.F.	TEMPORARY PAVEMENT MARKING - SHORT DURATION
431	L.F.	CL. II REINF. CONC. CULV. PIPE 24 IN. DIAM.	1	L.S.	OTHER TEMPORARY TRAFFIC CONTROL
111	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 36 IN. DIAM.	800	HR	FLAGGERS
2	EACH	GABION BASKET BULKHEAD	740	HR	OTHER TRAFFIC CONTROL LABOR
<b>STORM SEWER</b>			1	L.S.	TRAFFIC CONTROL SUPERVISOR
3	EACH	CATCH BASIN TYPE 1	259	S.F.	CONSTRUCTION SIGNS CLASS A
114	L.F.	SOLID WALL PVC STORM SEWER PIPE 10 IN DIA.	<b>OTHER ITEMS</b>		
760	C.Y.	WETLAND MITIGATION SITE AND DETENTION POND EXCAVATION INCL. HAUL	1	L.S.	TYPE B PROGRESS SCHEDULE
240	C.Y.	DETENTION POND EMBANKMENT COMPACTION	600	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL
1	EACH	OVERFLOW RISER AND TRASH GRATE	536	S.F.	SHORING OR EXTRA EXCAVATION CLASS B
<b>SURFACING</b>			2,800	MGAL	WATER
12,400	TON	CRUSHED SURFACING BASE COURSE FROM STOCKPILE	150	MGAL	WATER FOR AFTER HOURS DUST CONTROL
11,400	TON	CRUSHED SURFACING TOP COURSE FROM STOCKPILE	1,574	L.F.	WIRE FENCE
<b>HOT MIX ASPHALT</b>			304	L.F.	NO-CLIMB FENCING
6,200	TON	HMA FOR PRELEVELING CL. 1/2" PG 64H-28	20	L.F.	TENSION WIRE GATE
6,100	TON	HMA CL. 1/2" PG 64H-28	2	EACH	INSTALL PIPE PANEL GATE
1	CALC	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1	EST.	ROADSIDE CLEANUP
1	CALC	COMPACTION PRICE ADJUSTMENT	1,625	TON	SHOULDER FINISHING
410	TON	COMMERCIAL HMA	1	CALC	MINOR CHANGE
<b>EROSION CONTROL AND PLANTING</b>			1	L.S.	SPCC PLAN
40	DAY	ESC LEAD	1	L.S.	FIELD OFFICE BUILDING
2,529	L.F.	SILT FENCE	3,000	C.Y.	SOFT AREA EXCAVATION AND BACKFILL INCL. HAUL
400	L.F.	SILT FENCE WITH BACKUP SUPPORT	1	EST.	WELL CONNECTION
21,800	L.F.	WATTLE	1	EACH	V-WIER
1	EST.	EROSION/WATER POLLUTION CONTROL	134	EACH	SOIL NAILS FOR ANCHORED MESH SLOPE PROTECTION
11.8	ACRE	SEEDING FERTILIZING AND MULCHING	7,275	S.F.	ANCHORED MESH AND TURF REINFORCEMENT MAT
4.9	ACRE	SEEDING FERTILIZING AND MULCHING WITH BONDED FIBER MATRIX MULCH	2	EACH	SOIL NAIL VERIFICATION TEST FOR ANCHORED MESH SLOPE PROTECTION
10	EACH	PLANT SELECTION RED ALDER 10 GAL.	7	EACH	SOIL NAIL PROOF TEST FOR ANCHORED MESH SLOPE PROTECTION
10	EACH	PLANT SELECTION CASCARA 10 GAL.	860	S.Y.	CONSTRUCTION GEOTEXTILE FOR SEPARATION
7	EACH	PLANT SELECTION OREGON ASH 10 GAL.	2,800	S.Y.	DECOMMISSION EXISTING ROADWAY
50	EACH	PLANT SELECTION DOUGLAS SPIREA 1 GAL.	1	L.S.	COVID 19 CONSIDERATIONS
75	EACH	PLANT SELECTION SLOUGH SEDGE 1 GAL.			

11/12/2022



COURTNEY ROAD  
M.P. 0.04 TO M.P. 4.36  
Klickitat County, Washington  
SUMMARY OF QUANTITIES

Klickitat County  
Public Works Department

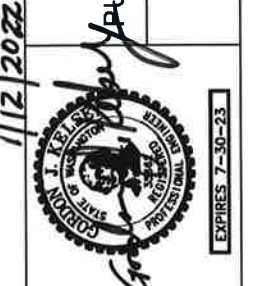
FEDERAL AID PROJECT NO.	NONE
C.R.P.	3-42&3-43
DATE:	DEC. 20, 2021
DESIGN ENGINEER:	SETH SCAROLA
CHECKED BY:	JEFF HUNTER
COUNTY ENGINEER:	GORDON KELSEY
DATE:	01/12/2022
QUANTITY CORRECTION	
REVISION	

**SUMMARY OF QUANTITIES - RECONSTRUCTION SECTION SPECIFIC ITEMS**

TOTAL QUANTITY	UNIT	DESCRIPTION	TOTAL QUANTITY	UNIT	DESCRIPTION
<b>PREPARATION</b>			75	EACH	PLANT SELECTION SMALL FRUITED BULRUSH 1 GAL.
20	ACRE	CLEARING AND GRUBBING	75	EACH	PLANT SELECTION COMMON RUSH 1 GAL.
<b>GRADING</b>			150	EACH	PLANT SELECTION GARY OAK 1 GAL.
67,000	C.Y.	ROADWAY EXCAVATION INCL. HAUL	870	L.F.	HIGH VISIBILITY SILT FENCE
102,000	C.Y.	HARD ROCK EXCAVATION	3,600	S.Y.	BIODEGRADABLE EROSION CONTROL BLANKET
161,500	C.Y.	EMBANKMENT COMPACTION	160	L.F.	BIODEGRADABLE CHECK DAM
<b>DRAINAGE</b>			<b>TRAFFIC</b>		
124	C.Y.	DITCH EXCAVATION INCL. HAUL	5,956	L.F.	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT. LONG POST
360	C.Y.	QUARRY SPALLS FROM STOCKPILE	5	EACH	AES. TR. BEAM GUARDRAIL ANCHOR TYPE 10
313	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 12 IN. DIAM.	9	EACH	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
358	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 18 IN. DIAM.	612.5	L.F.	AES. TR. BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2
431	L.F.	CL. II REINF. CONC. CULV. PIPE 24 IN. DIAM.	7,438	L.F.	PAINT LINE
66	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 36 IN. DIAM.	14,736	L.F.	TEMPORARY PAVEMENT MARKING - SHORT DURATION
2	EACH	GABION BASKET BULKHEAD	100	HR	FLAGGERS
<b>STORM SEWER</b>			440	HR	OTHER TRAFFIC CONTROL LABOR
3	EACH	CATCH BASIN TYPE 1	<b>OTHER ITEMS</b>		
114	L.F.	SOLID WALL PVC STORM SEWER PIPE 10 IN DIA.	220	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL
760	C.Y.	WETLAND MITIGATION SITE AND DETENTION POND EXCAVATION INCL. HAUL	536	S.F.	SHORING OR EXTRA EXCAVATION CLASS B
240	C.Y.	DETENTION POND EMBANKMENT COMPACTION	2,000	MGAL	WATER
1	EACH	OVERFLOW RISER AND TRASH GRATE	100	MGAL	WATER FOR AFTER HOURS DUST CONTROL
<b>SURFACING</b>			1,574	L.F.	WIRE FENCE
9,000	TON	CRUSHED SURFACING BASE COURSE FROM STOCKPILE	304	L.F.	NO-CLIMB FENCING
7,500	TON	CRUSHED SURFACING TOP COURSE FROM STOCKPILE	20	L.F.	TENSION WIRE GATE
<b>HOT MIX ASPHALT</b>			2	EACH	INSTALL PIPE PANEL GATE
2,700	TON	HMA FOR PRELEVELING CL. 1/2" PG 64H-28	270	TON	SHOULDER FINISHING
2,600	TON	HMA CL. 1/2" PG 64H-28	2,000	C.Y.	SOFT AREA EXCAVATION AND BACKFILL INCL. HAUL
210	TON	COMMERCIAL HMA	1	EST.	WELL CONNECTION
<b>EROSION CONTROL AND PLANTING</b>			1	EACH	V-WIER
2,529	L.F.	SILT FENCE	134	EACH	SOIL NAILS FOR ANCHORED MESH SLOPE PROTECTION
400	L.F.	SILT FENCE WITH BACKUP SUPPORT	7,275	S.F.	ANCHORED MESH AND TURF REINFORCEMENT MAT
21,800	L.F.	WATTLE	2	EACH	SOIL NAIL VERIFICATION TEST FOR ANCHORED MESH SLOPE PROTECTION
11.4	ACRE	SEEDING FERTILIZING AND MULCHING	7	EACH	SOIL NAIL PROOF TEST FOR ANCHORED MESH SLOPE PROTECTION
4.9	ACRE	SEEDING FERTILIZING AND MULCHING WITH BONDED FIBER MATRIX MULCH	860	S.Y.	CONSTRUCTION GEOTEXTILE FOR SEPARATION
10	EACH	PLANT SELECTION RED ALDER 10 GAL.	2,800	S.Y.	DECOMMISSION EXISTING ROADWAY
10	EACH	PLANT SELECTION CASCARA 10 GAL.			
7	EACH	PLANT SELECTION OREGON ASH 10 GAL.			
50	EACH	PLANT SELECTION DOUGLAS SPIREA 1 GAL.			
75	EACH	PLANT SELECTION SLOUGH SEDGE 1 GAL.			

**COURTNEY ROAD**  
M.P. 0.04 TO M.P. 4.36  
Klickitat County, Washington  
**SUMMARY OF QUANTITIES**

**Klickitat County**  
**PUBLIC WORKS DEPARTMENT**



FEDERAL AID PROJECT NO.	NONE
CRP.	3428343
DATE	06/12/2022
BY	SMS
REVISION	QUANTITY CORRECTION

DATE: DEC. 20, 2021  
DESIGN ENGINEER: SETH SCARDOLA  
CHECKED BY: JEFF HUNTER  
COUNTY ENGINEER: GORDON KELSEY

**SUMMARY OF QUANTITIES - OVERLAY SECTION SPECIFIC ITEMS**

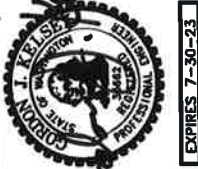
TOTAL QUANTITY	UNIT	DESCRIPTION	TOTAL QUANTITY	UNIT	DESCRIPTION
<b>PREPARATION</b>			<b>TRAFFIC</b>		
2	ACRE	CLEARING AND GRUBBING	8	EACH	AES. TR. BEAM GUARDRAIL (TYPE 31) TYPE 10 ANCHOR
29,200	S.Y.	SUBGRADE PREPARATION	4,950	L.F.	AES. TR. BEAM GUARDRAIL (TYPE 31) 9 FT POST
<b>GRADING</b>			8	EACH	AES. TR. BEAM GUARDRAIL (TYPE 31) NON-FLARED TERMINAL
4,290	C.Y.	ROADWAY EXCAVATION INCL. HAUL	11,124	L.F.	PAINT LINE
<b>DRAINAGE</b>			22,248	L.F.	TEMPORARY PAVEMENT MARKING - SHORT DURATION
8	C.Y.	DITCH EXCAVATION INCL. HAUL	700	HR	FLAGGERS
17	C.Y.	QUARRY SPALLS FROM STOCKPILE	300	HR	OTHER TRAFFIC CONTROL LABOR
84	L.F.	PLAIN ST CULV PIPE 0.064 IN TH - 12 IN DIAM	<b>OTHER ITEMS</b>		
535	L.F.	PLAIN ST CULV PIPE 0.064 IN TH - 18 IN DIAM	380	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL
54	L.F.	PLAIN ST CULV PIPE 0.064 IN TH - 24 IN DIAM	800	MGAL	WATER
45	L.F.	PLAIN ST CULV PIPE 0.064 IN TH - 36 IN DIAM	50	MGAL	WATER FOR AFTER HOURS DUST CONTROL
<b>SURFACING</b>			1	EST.	ROADSIDE CLEANUP
3,400	TON	CRUSHED SURFACING BASE COURSE FROM STOCKPILE	1,000	C.Y.	SOFT AREA EXCAVATION AND BACKFILL INCL. HAUL
3,900	TON	CRUSHED SURFACING TOP COURSE FROM STOCKPILE	1,355	TON	SHOULDER FINISHING
<b>HOT MIX ASPHALT</b>					
3,500	TON	HMA FOR PRELEVELLING CL. 1/2 IN. PG 64H-28			
3,500	TON	HMA CL. 1/2IN. PG 64H-28			
200	TON	COMMERCIAL HMA			
<b>EROSION CONTROL</b>					
0.4	ACRE	SEEDING FERTILIZING AND MULCHING			
160	L.F.	COIR LOG			
160	L.F.	HIGH VISIBILITY SILT FENCE			

**COURTNEY ROAD**  
M.P. 0.04 TO M.P. 4.36

Klickitat County, Washington  
**SUMMARY OF QUANTITIES**

Klickitat County  
Public Works Department

1/12/2022



FEDERAL AID PROJECT NO. NONE  
CRP. 3428343

DATE: DEC. 20, 2021  
DESIGN ENGINEER: SETH SCARDOLA  
CHECKED BY: JEFF HUNTER  
COUNTY ENGINEER: GORDON KELSEY

QUANTITY CORRECTION: \_\_\_\_\_  
REVISION: \_\_\_\_\_

DATE: 01/12/2022  
BY: SNS

SHEET  
**4**

OF  
**61**  
SHEETS

**COIR LOG LOCATIONS**

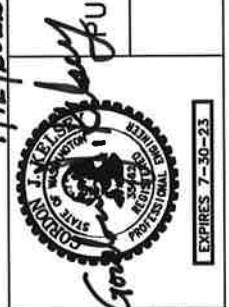
\*PLACE 10 L.F. OF COIR LOG AT THE OUTLET END OF EACH CULVERT LOCATION LISTED BELOW. COIR LOGS SHALL BE LAID PERPENDICULAR ACROSS THE DRAINAGE CHANNEL AND LOCATED AFTER THE OUTLET PAD.

STATIONS: 4+29.69 - 7+21.29 - 8+34.81 - 10+99.48 - 13+21.71 - 17+33.02 - 18+85.77 - 26+43.18 - 33+05.20 - 41+07.44 - 46+62.43 - 74+98.79 - 90+41.38 - 94+57.92 - 97+67.68 - 105+83.64

**COIR LOGS**  
SEE COIR LOG STANDARD PLAN FOR DETAILS (SHEET 57)

COURTNEY ROAD  
M.P. 0.04 TO M.P. 4.36  
Klickitat County, Washington  
EROSION CONTROL DETAILS

Klickitat County  
Public Works Department



FEDERAL AID PROJECT NO.	NAME	CRP.	3428343
DATE	QUANTITY CORRECTION	REVISION	DATE

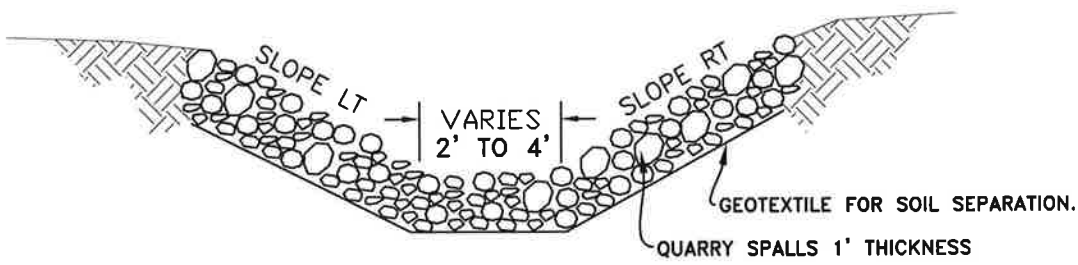
DATE: DEC. 20, 2021	DESIGN ENGINEER: SETH SCARDOLA	CHECKED BY: JEFF HUNTER	COUNTY ENGINEER: GORDON KELSEY
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SHEET  
**29**  
OF  
**61**  
SHEETS

SILT FENCE					
SIDE	STATION TO STATION	LENGTH	SIDE	STATION TO STATION	LENGTH
LEFT SIDE	174+00 - 175+50 <sup>1</sup>	152'	RIGHT SIDE	39+50 - 40+85 <sup>1</sup>	160'
	190+50 - 197+75	710'		174+25 - 176+94 <sup>1</sup>	343'
	201+00 - 202+41 <sup>1</sup>	295'		176+94 - 177+00	44'
				186+00 - 187+75	245'
				Atwood Rd 0+24 - 2+25	250'
				203+41 - 203+73 <sup>1</sup>	80'
				211+00 - 224+00	1,280'
				224+00 - 228+00 <sup>2</sup>	400'
<b>Total Silt Fence</b>					<b>2,529'</b>
<b>Total High Visibility Silt Fence</b>					<b>1,030'</b>
<b>Total Wire Backed Silt Fence</b>					<b>400'</b>

Notes: 1. Install Silt Fence Per Standard Plan I-30.15-02  
2. <sup>1</sup> Denotes Installation of High Visibility Silt Fence Per Standard Plan I-30.17-01  
3. <sup>2</sup> Denotes Installation of Wire Backed Silt Fence Per Standard Plan I-30.10-02

**SILT FENCE SCHEDULE**



**ROCK LINED DITCH SECTION**  
NOT TO SCALE

DITCH EXCAVATION FOR ROCK LINED DITCH SHALL BE INCLUDED IN THE UNIT CONTRACT ITEM DITCH EXCAVATION INCLUDING HAUL

ROCK LINED DITCH INSTALLATION SCHEDULE							
STATION TO STATION	LENGTH	BOTTOM WIDTH	EXCAVATION	QUARRY SPALLS	GEOTEXTILE	SLOPE LT	SLOPE RT
187+13.0 - 190+36.5	250.80'	4'	98 C.Y.	125 C.Y.	362.0 S.Y.	2:1	2:1
211+52.8 - 212+21.8	69.2'	2'	26 C.Y.	33 C.Y.	98.5 S.Y.	2:1	3:1

Note: \* Actual length will vary from station limits. Limits will be staked in the field by the Engineer.

**ROCK LINED DITCH SCHEDULE**

GUARDRAIL SCHEDULE				
SIDE	STATION	TO	STATION	DESCRIPTION
RIGHT	173+75.00		174+00.00	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
	174+00.00		182+21.06	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	182+21.06		182+33.54	AES. TR. BEAM GUARDRAIL (TYPE 31) ANCHOR TYPE 10
RIGHT	182+36.54		182+61.54	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
	182+61.54		183+86.54	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	183+86.54		184+11.54	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
RIGHT	184+78.80		185+03.80	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
	185+03.80		195+41.30	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	195+41.30		196+91.30	AES. TR. BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2
RIGHT	204+50.00		206+00.00	AES. TR. BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2
	206+00.00		212+72.95	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	212+72.95		212+85.43	AES. TR. BEAM GUARDRAIL (TYPE 31) ANCHOR TYPE 10
RIGHT	211+27.39		211+00.31	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
	211+00.31		222+93.28	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	222+93.28		223+18.28	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
RIGHT	226+37.50		226+62.50	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
	226+62.50		227+50.00	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	227+50.00		227+75.00	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
LEFT	173+75.00		174+00.00	AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL
	174+00.00		176+47.50	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	176+47.50		177+85.00	AES. TR. BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2
LEFT	177+92.14		178+01.28	AES. TR. BEAM GUARDRAIL (TYPE 31) ANCHOR TYPE 10
	178+01.28		180+09.41	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	180+09.41		180+21.90	AES. TR. BEAM GUARDRAIL (TYPE 31) ANCHOR TYPE 10
LEFT	182+37.58		182+40.20	AES. TR. BEAM GUARDRAIL (TYPE 31) ANCHOR TYPE 10
	182+40.20		198+00.00	AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	198+00.00		199+75.00	AES. TR. BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2
TOTALS	5,956 L.F.			AES. TR. BEAM GUARDRAIL TYPE 31 11 FT LONG POST
	5 EACH			AES. TR. BEAM GUARDRAIL (TYPE 31) ANCHOR TYPE 10
	612.50 L.F.			AES. TR. BEAM GUARDRAIL TYPE 31 BURIED TERMINAL TYPE 2
	9 EACH			AES. TR. BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL

\*DISTANCES LISTED ARE APPROXIMATE, FINAL LENGTHS MAY VARY. WIDENING FOR TERMINALS AND TRANSITIONS REQUIRED, SEE PLAN SHEETS FOR LOCATIONS. ALL NEW RUNS OF TYPE 31 GUARDRAIL SHALL HAVE STEEL POSTS.

## GUARDRAIL SCHEDULE

PERMANENT SIGNING SCHEDULE													
Sign No.	Sign Code No.	Description	Sign Size X   Y	Sign Background Color	Letter Size or Code	Sheeting Type <sup>3</sup>	W <sup>4</sup>	V <sup>5</sup>	Post Material	Post Description <sup>1</sup>	Post Length <sup>1</sup>	Quant. <sup>6</sup>	Location <sup>2</sup>
1	W1-SL W13-1P	Winding Road (Left) Advisory Speed (25 MPH)	30   30 18   18	Yellow	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	2+61.73 RT
2	R2-1	Speed Limit Sign (35 MPH)	24   30	White	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	1	3+75.00 RT
3	S3-2	School Bus Stop Ahead	30   30	Fluorescent Yellow-Green	Standard	4	6'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	14'	1	4+41.30 LT
4	W1-SR W13-1P	Winding Road (Right) Advisory Speed (15 MPH)	30   30 18   18	Yellow	Standard	4	13'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	13+09.87 RT
5	W1-SR W13-1P	Winding Road (Right) Advisory Speed (25 MPH)	30   30 18   18	Yellow	Standard	4	6'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	14'	2	13+93.77 LT
6	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	14'	2	14+54.03 LT
7	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	14'	2	14+91.61 LT
8	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	14'	2	15+25.35 LT
9	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	15+60.71 LT
10	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	15+91.41 LT
11	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	8'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	17+03.86 LT
12	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	10'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	18+15.78 LT
13	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	10'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	18+72.90 LT
14	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	10'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	19+49.58 LT
15	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	10'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	19+86.84 LT
16	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	10'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	14'	2	20+47.64 RT
17	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	12'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	14'	2	20+79.78 RT
18	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	13'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	21+13.80 RT
19	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	15'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	21+46.05 RT
20	W1-S W1-S	Chevron Chevron	24   18 24   18	Yellow	Standard	4	14'	7'	Steel Square Tube	2 1/2" - 12 GA Type ST-2 Support	12'	2	21+77.03 RT

Notes:  
 1. All Signs shall meet the requirements of the 2009 Edition of the Manual On Uniform Traffic Control Devices For Streets and Highways  
 2. See County Standard Plans for Sign Installation Details and Sign Support details and installation.  
 3. Multiple signs being mounted on a single post shall be installed in the order as listed above, top to bottom.  
 4. Sheeting types as designated in ASTM Specifications D4956.  
 5. Remove and re-install existing sign on new post.  
 6. Street Name signs are listed with a quantity of 2. This means a single sign plaque with sheeting and lettering on both sides. (Street Name signs with a (\*) are one sided.)

## PERMANENT SIGNING SCHEDULE

COURTNEY ROAD  
M.P. 0.04 TO M.P. 4.36

KLICKITAT COUNTY  
PUBLIC WORKS DEPARTMENT



FEDERAL AID PROJECT NO.  
NONE

C.R.P.  
3428-343

QUANTITY CORRECTION  
DATE

DESIGN ENGINEER: KEVIN L. LEIS  
CHECKED BY: SETH SCAROLA  
COUNTY ENGINEER: GORDON KELSEY

SHEET  
39

OF  
61  
SHEETS

KLICKITAT COUNTY, WASHINGTON

PLAN DETAILS