



proud past, promising future

CLARK COUNTY
WASHINGTON

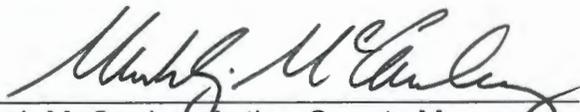
TO: Acting County Manager
FROM: Michael Westerman, Purchasing Manager 
DATE: October 23, 2015
SUBJECT: Award of CRP #352022 – 2014 Guardrail and Bridge Rail Retrofit

The 2014 Guardrail and Bridge Rail Retrofit project will replace obsolete or damaged sections of guardrail and bridge rail, bringing these facilities up to current standards. Guardrail will be replaced at 26 different sites throughout Clark County. New hot mix asphalt curbing will be installed at three bridge locations. One large poplar tree along Salmon Creek Avenue will be removed to improve visibility and safety.

Purchasing received five responses to CRP #352022. The bids were checked for accuracy, content, and compliance to specifications.

Purchasing and Public Works recommend the 2014 Guardrail and Bridge Rail Retrofit be awarded to the low bidder, Frank Gurney, Inc. of Spokane Valley, WA, in the total bid amount of \$620,783.30 including Washington State Sales Tax.

Approved award



Mark McCauley, Acting County Manager
Clark County, Washington

10/26/15
Date



proud past, promising future

CLARK COUNTY
WASHINGTON**MEMORANDUM**

TO: Michael Westerman, Purchasing Manager

FROM: Gunnar Fridriksson, P.L.S., P.E., Construction Manager *GF*
for
Heath Henderson, P.E., Director/County Engineer

DATE: October 22, 2015

REF: 2014 Guardrail and Bridge Rail Retrofit
Various Locations
CRP #352022

SUBJECT: BID AWARD

The 2014 Guardrail and Bridge Rail Retrofit project will replace obsolete or damaged sections of guardrail and bridge rail, bringing these facilities up to current standards. Guardrail will be replaced at 26 different sites throughout Clark County. New hot mix asphalt curbing will be installed at three bridge locations. One large poplar tree along Salmon Creek Avenue will be removed to improve visibility and safety.

Below is a brief summary of the costs for the 2014 Guardrail and Bridge Rail Retrofit project:

Expenses

Design/Engineering	\$116,000
Construction Contract – Frank Gurney Inc.	\$620,783.30
Construction Management & Engineering	\$68,750
Total Project Estimated Cost:	805,533.30

Budgeted Revenue

County Road Fund	805,533.30
Total Budgeted Revenues:	805,533.30

This project will provide 6 family wage jobs for the community.

The Department of Public Works has reviewed the submitted bids for the proposed construction of the above subject project.

The bids have been checked for accuracy and compliance with the bidding requirements.

Five (5) firms submitted bids in the amounts shown on the attached Tabulation of Bids and Bidders. The low bid of \$620,783.30 was submitted by of Frank Gurney Inc.

We recommend that the Board of County Councilors award the contract for the construction of 2014 Guardrail and Bridge Rail Retrofit Various Locations, CRP #352022, to Frank Gurney Inc. in the amount of \$620,783.30.

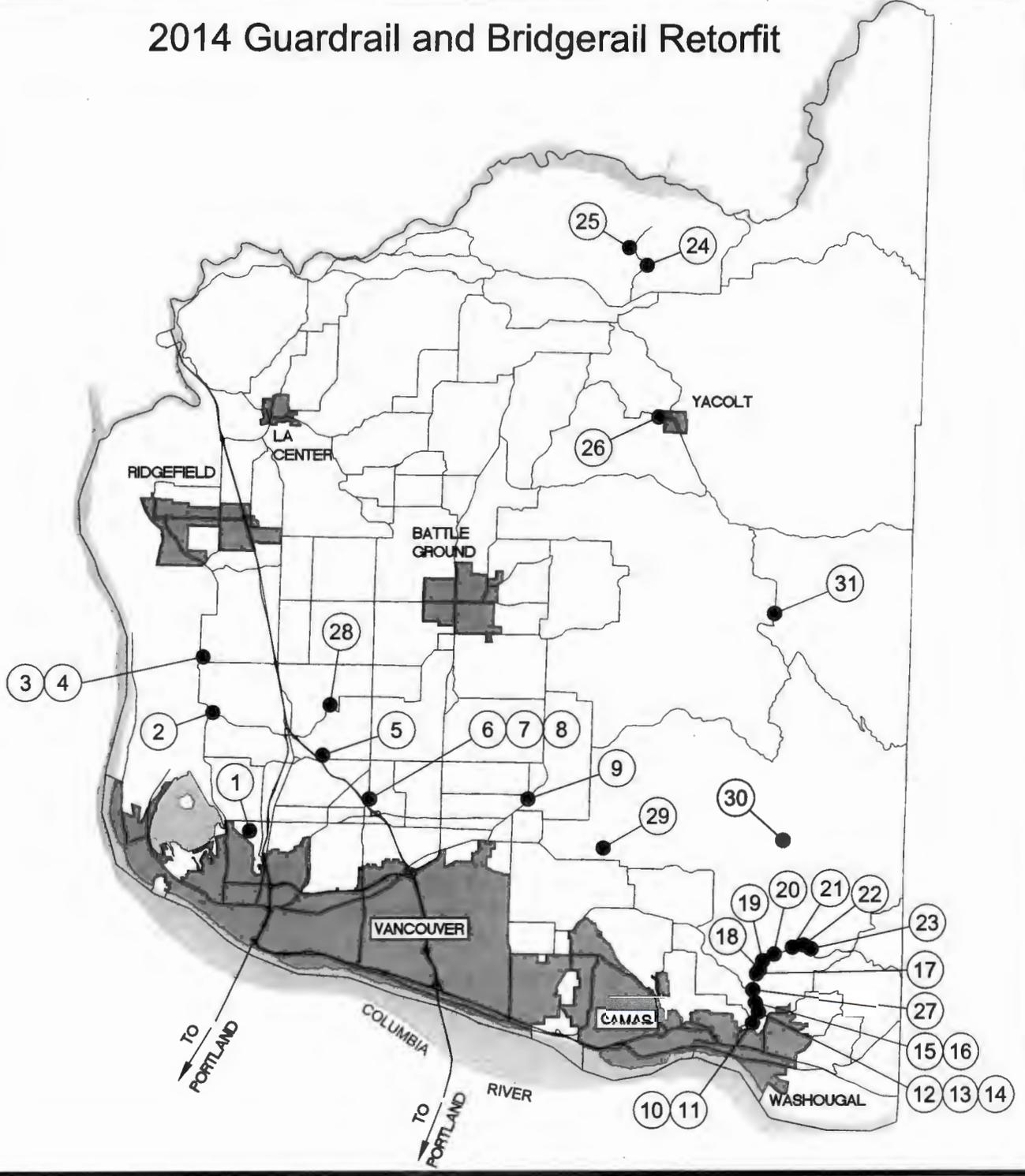
Attachment: 1) Tabulated Bids
2) Aerial Map

cc w/enc: Susan Wilson - Transportation Programming Manager
Amanda Miller - Auditor/Accounting
Scot Brantley - Project Manager
Matt Hall – Project Management Manager
Tom Grange – Engineering & Construction Division Manager
Heath Henderson – Public Works Director/County Engineer
Project File – Contract
Project File – Correspondence

2014 Guardrail and Bridgerail Retorfit

- 1 GUARDRAIL – NE ANDRESON RD FROM 78TH ST TO 78TH AVE
- 2 GUARDRAIL – NW SEWARD RD AT THE INTERSECTION OF NW BLISS RD
- 3 GUARDRAIL – NW 41ST AVE – 200 FT NORTH OF NW 179TH ST
- 4 GUARDRAIL – NW 41ST AVE – 1,000 FT NORTH OF NW 179TH ST
- 5 GUARDRAIL – NE 119TH ST AT I-205 CROSSING
- 6-8 GUARDRAIL – NE ANDRESEN ROAD AT I-205 CROSSING
- 9 GUARDRAIL – NE WARD ROAD SOUTH OF NE 172ND AVE – 153968000
- 10-11 GUARDRAIL – SE WASHOUGAL RIVER ROAD – 130351000 TO 130266000
- 12-14 GUARDRAIL – SE WASHOUGAL RIVER ROAD – 130263000 TO 130276000
- 15-16 GUARDRAIL – SE WASHOUGAL RIVER ROAD – 130323000 TO 130288000
- 17 GUARDRAIL – SE WASHOUGAL RIVER ROAD – 142865000 TO 142845000
- 18-19 GUARDRAIL – SE WASHOUGAL RIVER ROAD – 142845000 TO 142819001
- 20-21 GUARDRAIL – SE WASHOUGAL RIVER ROAD – 141956000 TO 141811000
- 22-23 GUARDRAIL – NE WASHOUGAL RIVER ROAD – 141784000 TO 986027201
- 24 GUARDRAIL – COLUMBIA TIE RD – 273699000
- 25 GUARDRAIL – COLUMBIA TIE RD – 27655000 TO 272652000
- 26 GUARDRAIL – NE LUCIA FALLS RD – EAST OF MOULTON FALLS PARK
- 27 BRIDGE 1406 – WASHOUGAL RIVER ROAD OVER LITTLE WASHOUGAL RIVER
- 28 BRIDGE 032 – SALMON CREEK AVE OVER MILL CREEK
- 29 BRIDGE 167 – VAN CAMP BRIDGE
- 30 BRIDGE 203 – LITTLE WASHOUGAL RIVER
- 31 BRIDGE 244 – ROCK CREEK BRIDGE

2014 Guardrail and Bridgerail Retorfit



DATE OF BID OPENING: October 20, 2015			County Road Project - 2014 Guardrail and Bridge Rail Retrofit										C.R.P.# 35202			
Spec Yr: 14			PUBLIC SERVICE CENTER, SIXTH FLOOR Commissioners Hearing Room Office of Clark County Commissioners				Frank Gurney, Inc. PO Box 11557 Parkwater Station Spokane, WA 99211 509-535-3069		Coral Construction Company PO Box 347 Wilsonville, OR 97070 503-682-2252		Tapani, Inc. 1904 SE 6th Place Battle Ground, WA 98604 360-687-1148		Peterson Brothers 2008 East Valley Hwy Sumner, WA 98340 253-563-8136		Dirt & Aggregate Interchange, Inc. 20905 NE Sandy Blvd Fairview, OR 97024 503-661-5093	
ITEM NO	BID ITEM IDENT NO	QUANTITY	BID ITEM DESCRIPTION	UNIT	ENGINEER'S ESTIMATE		ENGINEER'S ESTIMATE		ENGINEER'S ESTIMATE		ENGINEER'S ESTIMATE		ENGINEER'S ESTIMATE		ENGINEER'S ESTIMATE	
					UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total
PART 1 - GUARDRAIL AND BRIDGE RAIL RETROFIT																
Include all applicable use and/or sales taxes in the individual Unit and Lump Sum prices																
1	101.07	1	MOBILIZATION	L.S.	\$48,000.00	\$48,000.00	\$58,500.00	\$58,500.00	\$70,000.00	\$70,000.00	\$46,000.00	\$46,000.00	\$69,153.11	\$69,153.11	\$50,000.00	\$50,000.00
2	107.15	1	SPCC PLAN	L.S.	\$6,000.00	\$6,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$1,011.82	\$1,011.82	\$3,000.00	\$3,000.00
3	108.01	1	TYPE B PROGRESS SCHEDULE (Minimum Bid = \$5000.00)	L.S.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
4	110.02	750	FLAGGERS	HOURS	\$55.00	\$41,250.00	\$60.50	\$45,375.00	\$65.00	\$48,750.00	\$65.00	\$48,750.00	\$50.65	\$37,987.50	\$50.00	\$37,500.00
5	110.11	1	OTHER TEMPORARY TRAFFIC CONTROL	L.S.	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$37,000.00	\$37,000.00	\$8,500.00	\$8,500.00	\$60,866.55	\$60,866.55	\$59,704.00	\$59,704.00
6	201.05	1	TREE REMOVAL INCL. HAUL	EACH	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$6,246.00	\$6,246.00	\$4,000.00	\$4,000.00	\$1,420.29	\$1,420.29	\$6,000.00	\$6,000.00
7	211	1	TRIMMING AND CLEANUP	L.S.	\$6,000.00	\$6,000.00	\$2,100.00	\$2,100.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$10,341.60	\$10,341.60	\$5,000.00	\$5,000.00
8	404.52	112	GRAVEL SHOULDER RESTORATION	S.Y.	\$20.00	\$2,240.00	\$40.00	\$4,480.00	\$75.00	\$8,400.00	\$60.00	\$6,720.00	\$165.41	\$18,525.92	\$70.00	\$7,840.00
9	504.4	775	SAWCUTTING	L.F.	\$3.00	\$2,325.00	\$6.00	\$4,650.00	\$5.00	\$3,875.00	\$2.00	\$1,550.00	\$26.77	\$20,746.75	\$4.00	\$3,100.00
10	610.14	84	REMOVING EXISTING CONCRETE BARRIER	L.F.	\$12.00	\$1,008.00	\$10.00	\$840.00	\$24.00	\$2,016.00	\$55.00	\$4,620.00	\$40.77	\$3,424.68	\$50.00	\$4,200.00
11	801.16	2000	WATTLE	L.F.	\$5.00	\$10,000.00	\$6.00	\$12,000.00	\$4.50	\$9,000.00	\$4.50	\$9,000.00	\$5.69	\$11,380.00	\$4.50	\$9,000.00
12	801.41	1	EROSION CONTROL AND SPILL PREVENTION REINSPECTION FEE	EACH	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00
13	801.52	1	EROSION CONTROL	L.S.	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$9,000.00	\$9,000.00	\$14,842.95	\$14,842.95	\$5,000.00	\$5,000.00
14	904.12	76	ASPHALT CURB ON BRIDGE NO. 203	L.F.	\$20.00	\$1,520.00	\$63.00	\$4,788.00	\$70.00	\$5,320.00	\$70.00	\$5,320.00	\$81.08	\$6,162.08	\$75.00	\$5,700.00
15	904.12	232	ASPHALT CURB ON BRIDGE NO. 167	L.F.	\$15.00	\$3,480.00	\$63.00	\$14,616.00	\$70.00	\$16,240.00	\$60.00	\$13,920.00	\$79.25	\$18,386.00	\$75.00	\$17,400.00
16	904.12	180	ASPHALT CURB ON BRIDGE NO. 244	L.F.	\$15.00	\$2,700.00	\$63.00	\$11,340.00	\$70.00	\$12,600.00	\$60.00	\$10,800.00	\$75.32	\$13,557.60	\$75.00	\$13,500.00
17	811.01	356	BEAM GUARDRAIL TYPE 1	L.F.	\$30.00	\$10,680.00	\$22.00	\$7,832.00	\$23.50	\$8,366.00	\$23.50	\$8,366.00	\$31.54	\$11,228.24	\$20.00	\$7,120.00
18	811.09	150	BEAM GUARDRAIL TYPE 1 - 8 FT. LONG POST	L.F.	\$33.00	\$4,950.00	\$24.00	\$3,600.00	\$27.00	\$4,050.00	\$31.00	\$4,650.00	\$30.16	\$4,524.00	\$24.00	\$3,600.00
19	811.1	388	BEAM GUARDRAIL TYPE 1 - 9 FT. LONG POST	L.F.	\$35.00	\$13,580.00	\$25.50	\$9,894.00	\$30.00	\$11,640.00	\$30.00	\$11,640.00	\$24.05	\$9,331.40	\$28.00	\$10,864.00
20	811.11	694	BEAM GUARDRAIL TYPE 1 - 11 FT. LONG POST	L.F.	\$40.00	\$27,760.00	\$27.00	\$18,738.00	\$35.00	\$24,290.00	\$31.50	\$22,861.50	\$34.71	\$24,088.74	\$40.00	\$27,760.00
21	811.08	2027	BEAM GUARDRAIL TYPE 31	L.F.	\$30.00	\$60,810.00	\$22.50	\$45,607.50	\$24.00	\$48,648.00	\$28.50	\$57,769.50	\$32.83	\$66,546.41	\$22.00	\$44,594.00
22	811.6	675	BEAM GUARDRAIL TYPE 31 - 8 FT. LONG POST	L.F.	\$33.00	\$22,275.00	\$26.00	\$17,550.00	\$28.00	\$18,900.00	\$32.00	\$21,957.50	\$35.49	\$23,955.75	\$26.00	\$17,550.00
23	811.61	350	BEAM GUARDRAIL TYPE 31 - 9 FT. LONG POST	L.F.	\$35.00	\$12,250.00	\$30.00	\$10,500.00	\$31.50	\$11,025.00	\$32.50	\$11,375.00	\$35.21	\$12,323.50	\$30.00	\$10,500.00
24	811.62	1363	BEAM GUARDRAIL TYPE 31 - 11 FT. LONG POST	L.F.	\$40.00	\$54,520.00	\$32.50	\$44,297.50	\$36.00	\$49,068.00	\$39.50	\$53,838.50	\$43.63	\$59,467.69	\$42.00	\$57,246.00
25	811.06	50	BEAM GUARDRAIL TYPE 11	L.F.	\$55.00	\$2,750.00	\$125.00	\$6,250.00	\$70.00	\$3,500.00	\$93.00	\$4,650.00	\$151.16	\$7,558.00	\$75.00	\$3,750.00
26	811.81	288	GUARDRAIL ON BRIDGE NO. 1406	L.F.	\$40.00	\$11,520.00	\$88.00	\$25,344.00	\$94.00	\$27,072.00	\$82.00	\$23,616.00	\$40.24	\$11,589.12	\$150.00	\$43,200.00
27	811.81	50	GUARDRAIL ON BRIDGE NO. 032	L.F.	\$75.00	\$3,750.00	\$250.00	\$12,500.00	\$155.00	\$7,750.00	\$122.00	\$9,100.00	\$42.93	\$2,146.50	\$150.00	\$7,500.00
28	811.44	2009	RAISING EXISTING BEAM GUARDRAIL	L.F.	\$8.00	\$16,072.00	\$4.00	\$8,036.00	\$6.00	\$12,054.00	\$6.00	\$12,054.00	\$12.34	\$24,791.06	\$5.00	\$10,045.00
29	811.45	4203	REMOVING GUARDRAIL	L.F.	\$3.00	\$12,609.00	\$2.90	\$12,188.70	\$5.00	\$21,015.00	\$8.00	\$33,624.00	\$9.63	\$40,474.89	\$5.00	\$21,015.00
30	811.37	1	BEAM GUARDRAIL TYPE 1 NON-FLARED TERMINAL (40 MPH AND BELOW - WOOD POST)	EACH	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,125.00	\$2,125.00	\$2,150.00	\$2,150.00	\$2,496.92	\$2,496.92	\$2,000.00	\$2,000.00
31	811.37	2	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (40 MPH AND BELOW - STEEL POST)	EACH	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$2,400.00	\$4,800.00	\$2,130.00	\$4,260.00	\$1,902.64	\$3,805.28	\$2,200.00	\$4,400.00
32	811.37	5	BEAM GUARDRAIL TYPE 1 NON-FLARED TERMINAL (45 MPH AND ABOVE - WOOD POST)	EACH	\$2,800.00	\$14,000.00	\$2,450.00	\$12,250.00	\$2,550.00	\$12,750.00	\$2,500.00	\$12,500.00	\$3,316.67	\$16,583.35	\$2,500.00	\$12,500.00
33	811.37	25	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (45 MPH AND ABOVE - STEEL POST)	EACH	\$2,800.00	\$70,000.00	\$2,450.00	\$61,250.00	\$2,925.00	\$73,125.00	\$2,500.00	\$62,500.00	\$2,719.36	\$67,984.00	\$2,700.00	\$67,500.00
34	811.16	5	BEAM GUARDRAIL ANCHOR TYPE 4	EACH	\$1,000.00	\$5,000.00	\$700.00	\$3,500.00	\$695.75	\$3,478.75	\$3,350.00	\$16,750.00	\$3,478.75	\$17,393.75	\$750.00	\$3,750.00
35	811.19	7	BEAM GUARDRAIL ANCHOR TYPE 10	EACH	\$1,000.00	\$7,000.00	\$800.00	\$6,400.00	\$850.00	\$5,950.00	\$1,030.00	\$7,210.00	\$607.40	\$4,252.20	\$1,000.00	\$7,000.00
36	811.7	2	BEAM GUARDRAIL TRANSITION SECTION TYPE 21	EACH	\$2,800.00	\$5,600.00	\$4,200.00	\$8,400.00	\$4,300.00	\$8,600.00	\$4,500.00	\$9,000.00	\$3,511.41	\$7,022.82	\$3,500.00	\$7,000.00
37	811.7	10	BEAM GUARDRAIL TRANSITION SECTION TYPE 23	EACH	\$2,800.00	\$28,000.00	\$3,200.00	\$32,000.00	\$3,925.00	\$39,250.00	\$3,800.00	\$38,000.00	\$3,407.99	\$34,079.90	\$3,000.00	\$30,000.00
38	811.55	72	BEAM GUARDRAIL POST	EACH	\$100.00	\$7,200.00	\$85.00	\$6,120.00	\$90.00	\$6,480.00	\$81.00	\$5,832.00	\$142.52	\$10,261.44	\$100.00	\$7,200.00
39	811.56	70	BEAM GUARDRAIL BLOCK	EACH	\$20.00	\$1,400.00	\$10.00	\$700.00	\$37.00	\$2,590.00	\$14.00	\$980.00	\$49.22	\$3,445.40	\$50.00	\$3,500.00
40	811.57	100	GUARDRAIL POST INSTALLATION IN ROCK - METHOD A	EACH	\$700.00	\$70,000.00	\$150.00	\$15,000.00	\$125.00	\$12,500.00	\$230.00	\$23,000.00	\$76.86	\$7,686.00	\$435.00	\$43,500.00
41	811.57	100	GUARDRAIL POST INSTALLATION IN ROCK - METHOD B	EACH	\$1,000.00	\$100,000.00	\$150.00	\$15,000.00	\$125.00	\$12,500.00	\$230.00	\$23,000.00	\$76.86	\$7,686.00	\$465.00	\$46,500.00
42	811.57	100	GUARDRAIL POST INSTALLATION IN ROCK - METHOD C	EACH	\$900.00	\$90,000.00	\$140.00	\$14,000.00	\$125.00	\$12,500.00	\$230.00	\$23,000.00	\$76.86	\$7,686.00	\$500.00	\$50,000.00
43	816.02	1994	EXISTING GUARDRAIL SHOULDER EMBEDMENT	L.F.	\$12.00	\$23,928.00	\$13.00	\$25,922.00	\$10.00	\$19,940.00	\$16.00	\$31,904.00	\$9.95	\$19,840.30	\$25.00	\$49,850.00
44	818.6	5	RELOCATE MAILBOX	EACH	\$50.00	\$250.00	\$150.00	\$750.00	\$200.00	\$1,000.00	\$150.00	\$750.00	\$107.61	\$538.05	\$50.00	\$250.00
45	821.01	1	PERMANENT SIGNING	L.S.	\$3,900.00	\$3,900.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$1,504.53	\$1,504.53	\$6,500.00	\$6,500.00
46	822.15	12	PLASTIC STOP LINE	L.F.	\$30.00	\$360.00	\$40.80	\$489.60	\$110.00	\$1,320.00	\$52.00	\$624.00	\$93.86	\$1,126.32	\$75.00	\$900.00
PART 1 TOTAL						\$798,587.00		\$613,408.30		\$699,155.00		\$705,106.00		\$791,609.01		\$841,188.00
PART 2 - LUCIA FALLS - WORK ORDER 020900																
Include all applicable use and/or sales taxes in the individual Unit and Lump Sum prices																
47	811.08	150	BEAM GUARDRAIL TYPE 31	L.F.	\$30.00	\$4,500.00	\$22.50	\$3,375.00	\$24.00	\$3,600.00	\$31.00	\$4,650.00	\$31.15	\$4,672.50	\$22.00	\$3,300.00
48	811.37	2	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL (40 MPH AND BELOW - STEEL POST)	EACH	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00	\$2,400.00	\$4,800.00	\$2,150.00	\$4,300.00	\$1,774.66	\$3,549.32	\$2,200.00	\$4,400.00
PART 2 TOTAL						\$8,500.00		\$7,375.00		\$8,400.00		\$8,950.00		\$7,700.00		\$7,700.00
TOTAL BID (Part 1 + Part 2)						\$807,087.00		\$620,783.30		\$707,555.00		\$714,056.00		\$799,309.01		\$848,888.00
RANKING								FIRST		SECOND		THIRD		FOURTH		FIFTH
% OVER OR UNDER ENGR. EST.								-23.08%		-12.33%		-11.53%		-0.90%		5.18%