

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT			1. CONTRACT ID CODE N/A	PAGE 1 of 3
2. AMENDMENT/ MODIFICATION NO. A004		3. EFFECTIVE DATE 01/08/2018	4. REQUISITION/PURCHASE NO. N/A	5. PROJECT NO. (If applicable) WA PRA OLYM 12(2) Hurricane Ridge Road, Phase II
6. ISSUED BY Department of Transportation Federal Highway Administration 610 East Fifth Street Vancouver WA 98661-3801		CODE N/A	7. ADMINISTERED BY (If other than Item 6) CODE N/A	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. 69056718B000005
				9B. DATED (SEE ITEM 11) 12/11/2017
				10A. MODIFICATION OF CONTRACT/ORDER NO. N/A
				10B. DATED (SEE ITEM 13) N/A
CODE: N/A		FACILITY CODE: N/A		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers () is extended, (☒) is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A	THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. N/A
B	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). N/A
C	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: N/A
D	OTHER (Specify type of modification and authority) N/A

E. IMPORTANT: Contractor n/a is not, n/a is required to sign this document and return n/a copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/~~MODIFICATION~~ (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

WA PRA OLYM 12(2) Hurricane Ridge Road, Phase II
See page 2

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.			
15a. NAME AND TITLE OF SIGNER (Type or print)		15a. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) N/A	
15B. CONTRACTOR/OFFEROR BY _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>N/A</u> (Signature of Contracting Officer)	16C. DATE SIGNED N/A

Page 2

REVISIONS ARE AS FOLLOWS:

BID SCHEDULE

Page A-7 through A-19 Replaces Entire Bid Schedule. Revises depth from 6" to 9" in description of Item 31001-0000 Recycled Aggregate Base. Changes Item number 40205-3000 to 40105-3000.

Notice to Offerors: Please submit revised pages A-7 through A-19 with your bid.

CONTRACT CLAUSES

Page C-73 through C-75f. Revises FAR Clause 52.232-27 Prompt Payment for Construction Contracts.

Page C-80 through C-80b. Adds the following Physical Data file in parenthesis ((22) PUD Facilities on Heart of the Hills) and Revises FAR Clause 52.236-4 Physical Data (Apr 1984).

SPECIAL CONTRACT REQUIREMENTS

Page E-23, Subsection 108.01 Commencement, Prosecution, and Completion of Work., (c) Revises surfacing requirement for annual Ride the Hurricane bicycle race. (d) Deletes mainline paving completion date.

Page E-56, Subsection 156.06 Limits on Construction Operations. (m) Deletes Requirement.

Page F-1 Subsection 201.03 General. Adds, Clearing plan submittal.

Page F-78, Subsection 624.04 Placing Topsoil. Deletes placement date restriction.

PLANS

Plan sheet B.1 .Revises depth from 6" to 9" in description of Item 301001-0000 Recycled Aggregate Base. Changes Item number 40205-3000 to 40105-3000.

Plan sheet B.5 .Revises depth from 6" to 9" in description of Item 301001-0000 Recycled Aggregate Base. Changes Item number 40205-3000 to 40105-3000.

Plan sheet C.1 Changes Item number 40205-3000 to 40105-3000.

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Plan sheet G.6

Revises Trench Detail Under Pavement and Footnote.

ENCLOSURES

Pages:

A-7 through A-19
C-80 through C-80b
E-23
E-56
F-1
F-78

Plan Sheets:

B.1
B.5
C.1
G.6

Bid Schedule

Project: WA PRA OLYM 12(2)
Hurricane Ridge Road, Phase II

Bidders please note: Before preparing the bid, carefully read the Solicitation Provisions.

Insert a unit bid price, in figures, for each pay item for which a quantity appears in the bid schedule. Multiply the unit bid price by the quantity for each pay item and show the amount bid. Should any mathematical check made by the Government show a mistake in the amount bid, the Amount Bid for the item will be based on the Unit Bid Price.

When a “LPSM” (Lump Sum) appears as a unit bid price, insert an amount for each lump sum pay item.

When a sum based on a fixed rate appears for any pay item in the amount bid column, include the Government inserted amount bid for the item in the total bid amount.

Total the amounts bid for all pay items and insert the total bid amount.

B I D S C H E D U L E

Schedule A

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
15101-0000	MOBILIZATION			
Line A0020	ALL	LPSM		\$
15201-0000	CONSTRUCTION SURVEY AND STAKING			
Line A0040	ALL	LPSM		\$
15301-0010	CONTRACTOR QUALITY CONTROL AND ASSURANCE			
Line A0060	ALL	LPSM		\$
15401-0000	CONTRACTOR TESTING			
Line A0080	ALL	LPSM		\$
15501-0000	CONSTRUCTION SCHEDULE			
Line A0100	ALL	LPSM		\$
15703-1500	SOIL EROSION CONTROL, TEMPORARY SOIL TACKIFIER			
Line A0120	2.0	ACRE	\$	\$
15705-0100	SOIL EROSION CONTROL, SILT FENCE			
Line A0140	2,500	LNFT	\$	\$
15801-0000	WATERING FOR DUST CONTROL			
Line A0160	1,000	MGAL	\$	\$
20301-0200	REMOVAL OF BOULDER			
Line A0180	8	EACH	\$	\$
20301-0500	REMOVAL OF CATCH BASIN			
Line A0200	2	EACH	\$	\$
20301-1900	REMOVAL OF PIPE CULVERT			
Line A0220	12	EACH	\$	\$
20301-2400	REMOVAL OF SIGN			
Line A0240	24	EACH	\$	\$
20302-0500	REMOVAL OF CURB, CONCRETE			
Line A0260	750	LNFT	\$	\$
20302-1200	REMOVAL OF GUARDRAIL			
Line A0280	6,630	LNFT	\$	\$
20302-1300	REMOVAL OF GUARDRAIL, CONCRETE BARRIER			
Line A0300	25	LNFT	\$	\$
20315-0000	SAWCUTTING PAVEMENT			
Line A0320	300	LNFT	\$	\$
20402-0000	SUBEXCAVATION			
Line A0340	5,110	CUYD	\$	\$

B I D S C H E D U L E

Schedule A

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
20410-0000	SELECT BORROW			
Line A0360	3,800	CUYD	\$	\$
20701-0100	EARTHWORK GEOTEXTILE, TYPE I-A			
Line A0380	620	SQYD	\$	\$
20701-1200	EARTHWORK GEOTEXTILE, TYPE IV-A, NON-WOVEN			
Line A0400	8,950	SQYD	\$	\$
20703-2000	GEOGRID, BIAXIAL			
Line A0420	5,350	SQYD	\$	\$
21101-2000	ROADWAY OBLITERATION, METHOD 2			
Line A0440	170	SQYD	\$	\$
25101-2000	PLACED RIPRAP, CLASS 2			
Line A0460	160	CUYD	\$	\$
25101-3000	PLACED RIPRAP, CLASS 3			
Line A0480	20	CUYD	\$	\$
30303-3000	ROADWAY RECONDITIONING			
Line A0500	600	SQYD	\$	\$
30503-0000	AGGREGATE-TOPSOIL COURSE			
Line A0520	1,350	CUYD	\$	\$
30801-2000	ROADWAY AGGREGATE, METHOD 2			
Line A0540	900	CUYD	\$	\$
A004 31001-0000	RECYCLED AGGREGATE BASE, 9" DEPTH			
Line A0560	7,615	SQYD	\$	\$
40101-5600	SUPERPAVE PAVEMENT, 1/2-INCH OR 3/4-INCH NOMINAL MAXIMUM SIZE AGGREGATE, 0.3 TO <3 MILLION ESAL			
Line A0580	14,240	TON	\$	\$
A004 40105-3000	ANTISTRIP ADDITIVE, TYPE 3			
Line A0600	190	TON	\$	\$
40401-0000	MINOR HOT ASPHALT CONCRETE			
Line A0620	1,300	TON	\$	\$
41202-1000	TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H			
Line A0640	16,940	GAL	\$	\$
41301-1200	ASPHALT PAVEMENT MILLING, 5-INCH DEPTH			
Line A0660	1,605	SQYD	\$	\$
41602-2000	CONTINUOUS COLD RECYCLED ASPHALT BASE COURSE TYPE B, 3" DEPTH			
Line A0680	75,500	SQYD	\$	\$

B I D S C H E D U L E

Schedule A

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
41606-0000	EMULSIFIED ASPHALT (ENGINEERED)			
Line A0700	220	TON	\$	\$
41610-1000	FOG SEAL GRADE CSS-1, CSS-1H, SS-1 OR SS-1H			
Line A0720	35	TON	\$	\$
41611-1000	BLOTTER			
Line A0740	434	TON	\$	\$
60201-0600	18-INCH PIPE CULVERT			
Line A0760	160	LNFT	\$	\$
60201-0800	24-INCH PIPE CULVERT			
Line A0780	510	LNFT	\$	\$
60210-0600	END SECTION FOR 18-INCH PIPE CULVERT			
Line A0800	5	EACH	\$	\$
60210-0800	END SECTION FOR 24-INCH PIPE CULVERT			
Line A0820	17	EACH	\$	\$
60404-1000	CATCH BASIN, TYPE 1			
Line A0840	1	EACH	\$	\$
60409-0200	INLET TOP, METAL FRAME AND GRATE TYPE B			
Line A0860	1	EACH	\$	\$
60502-0000	GEOCOMPOSITE UNDERDRAIN SYSTEM			
Line A0880	1,610	LNFT	\$	\$
60707-0300	LINING 18-INCH PIPE CULVERT			
Line A0900	280	LNFT	\$	\$
60707-0500	LINING 24-INCH PIPE CULVERT			
Line A0920	460	LNFT	\$	\$
60802-0400	PAVED WATERWAY, TYPE 4			
Line A0940	25	LNFT	\$	\$
60901-1700	CURB, CONCRETE, 18-INCH DEPTH			
Line A0960	2,650	LNFT	\$	\$
60902-1000	CURB AND GUTTER, CONCRETE, 12-INCH DEPTH			
Line A0980	1,420	LNFT	\$	\$
61501-0100	SIDEWALK, CONCRETE			
Line A1000	178	SQYD	\$	\$
61701-2000	GUARDRAIL SYSTEM G4, TYPE 4, CLASS B WOOD POSTS			
Line A1020	6,210	LNFT	\$	\$

B I D S C H E D U L E

Schedule A

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
61702-0300	TERMINAL SECTION, TYPE G4-BAT			
Line A1040	10	EACH	\$	\$
61702-0600	TERMINAL SECTION, TYPE FLARED			
Line A1060	4	EACH	\$	\$
61702-0800	TERMINAL SECTION TYPE TANGENT			
Line A1080	22	EACH	\$	\$
61703-2000	TERMINAL END, TYPE ROUND END SECTION			
Line A1100	4	EACH	\$	\$
61902-0000	GATE WIRE, 20 FT WIDTH			
Line A1120	1	EACH	\$	\$
62201-0250	DUMP TRUCK, 10 CUBIC YARD MINIMUM CAPACITY			
Line A1140	100	HOUR	\$	\$
62201-0950	WHEEL LOADER, 3 CUBIC YARD MINIMUM RATED CAPACITY			
Line A1160	100	HOUR	\$	\$
62201-2800	MOTOR GRADER, 8 FOOT MINIMUM BLADE			
Line A1180	50	HOUR	\$	\$
62201-3150	HYDRAULIC EXCAVATOR, CRAWLER MOUNTED, 1.0 CUBIC YARD MINIMUM CAPACITY WITH THUMB ATTACHMENT			
Line A1200	100	HOUR	\$	\$
62301-0000	GENERAL LABOR			
Line A1220	300	HOUR	\$	\$
62407-0000	PLACING CONSERVED TOPSOIL			
Line A1240	70	CUYD	\$	\$
63301-1000	SIGN SYSTEM, GOVERNMENT FURNISHED SIGN			
Line A1260	5	EACH	\$	\$
63302-0000	SIGN SYSTEM			
Line A1280	173	SQFT	\$	\$
63315-0000	RUMBLE STRIP			
Line A1300	50	SQYD	\$	\$
63316-1000	REMOVE AND RESET SIGN			
Line A1320	9	EACH	\$	\$
63318-1000	SNOWPOLE HOLDER			
Line A1340	29	EACH	\$	\$
63401-0300	PAVEMENT MARKINGS, TYPE B, SOLID (YELLOW)			
Line A1360	74,900	LNFT	\$	\$

B I D S C H E D U L E

Schedule A

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
63401-0300	PAVEMENT MARKINGS, TYPE B, SOLID (WHITE)			
Line A1380	112,010	LNFT	\$	\$
63401-0400	PAVEMENT MARKINGS, TYPE B, BROKEN			
Line A1400	18,700	LNFT	\$	\$
63405-0850	PAVEMENT MARKINGS, TYPE B, ACCESSIBILITY SYMBOL			
Line A1420	2	EACH	\$	\$
63406-0000	RAISED PAVEMENT MARKER			
Line A1440	30	EACH	\$	\$
63502-1000	TEMPORARY TRAFFIC CONTROL, CONE, TYPE 36-INCH			
Line A1460	500	EACH	\$	\$
63502-1400	TEMPORARY TRAFFIC CONTROL, VERTICAL PANEL			
Line A1480	80	EACH	\$	\$
63502-1500	TEMPORARY TRAFFIC CONTROL, WARNING LIGHT TYPE A			
Line A1500	100	EACH	\$	\$
63502-1600	TEMPORARY TRAFFIC CONTROL, WARNING LIGHT TYPE B			
Line A1520	20	EACH	\$	\$
63502-1700	TEMPORARY TRAFFIC CONTROL, WARNING LIGHT TYPE C			
Line A1540	50	EACH	\$	\$
63502-2000	TEMPORARY TRAFFIC CONTROL, PORTABLE CHANGEABLE MESSAGE SIGN			
Line A1560	2	EACH	\$	\$
63503-0700	TEMPORARY TRAFFIC CONTROL, PAVEMENT MARKINGS			
Line A1580	110,000	LNFT	\$	\$
63503-1000	TEMPORARY TRAFFIC CONTROL, PLASTIC FENCE			
Line A1600	1,500	LNFT	\$	\$
63504-1000	TEMPORARY TRAFFIC CONTROL, CONSTRUCTION SIGN			
Line A1620	770	SQFT	\$	\$
63506-0600	TEMPORARY TRAFFIC CONTROL, PILOT CAR			
Line A1640	600	HOUR	\$	\$
63507-0700	TEMPORARY TRAFFIC CONTROL, TRAFFIC AND SAFETY SUPERVISOR			
Line A1660	90	DAY	\$	\$
63509-1000	TEMPORARY TRAFFIC CONTROL, FLAGGER			
Line A1680	2,400	FXHR	\$ 59.00	\$ 141,600.00
63601-3100	SYSTEM INSTALLATION, TELEPHONE (FIBER OPTIC)			
Line A1700	ALL	LPSM		\$

B I D S C H E D U L E

Schedule A

Account: ALL

Project No: WA PRA OLYM 12(2)

Submitted by: _____

Schedule Total: _____

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
63610-1600	CONDUIT, 2-INCH, PVC			
Line A1720	82,860	LNFT	\$	\$
63621-5000	UTILITY BOX, CONCRETE			
Line A1740	24	EACH	\$	\$
63622-0000	UTILITY TRENCH			
Line A1760	27,640	LNFT	\$	\$

Revised by Amendment A004

B I D S C H E D U L E

Schedule B

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
15101-0000	MOBILIZATION			
Line B0020	ALL	LPSM		\$
15201-0000	CONSTRUCTION SURVEY AND STAKING			
Line B0040	ALL	LPSM		\$
15301-0010	CONTRACTOR QUALITY CONTROL AND ASSURANCE			
Line B0060	ALL	LPSM		\$
15401-0000	CONTRACTOR TESTING			
Line B0080	ALL	LPSM		\$
15501-0000	CONSTRUCTION SCHEDULE			
Line B0100	ALL	LPSM		\$
15703-1500	SOIL EROSION CONTROL, TEMPORARY SOIL TACKIFIER			
Line B0120	2.0	ACRE	\$	\$
15705-0100	SOIL EROSION CONTROL, SILT FENCE			
Line B0140	2,500	LNFT	\$	\$
15801-0000	WATERING FOR DUST CONTROL			
Line B0160	1,000	MGAL	\$	\$
20301-0200	REMOVAL OF BOULDER			
Line B0180	8	EACH	\$	\$
20301-0500	REMOVAL OF CATCH BASIN			
Line B0200	2	EACH	\$	\$
20301-1900	REMOVAL OF PIPE CULVERT			
Line B0220	17	EACH	\$	\$
20301-2400	REMOVAL OF SIGN			
Line B0240	24	EACH	\$	\$
20302-0500	REMOVAL OF CURB, CONCRETE			
Line B0260	750	LNFT	\$	\$
20302-1200	REMOVAL OF GUARDRAIL			
Line B0280	6,630	LNFT	\$	\$
20302-1300	REMOVAL OF GUARDRAIL, CONCRETE BARRIER			
Line B0300	25	LNFT	\$	\$
20315-0000	SAWCUTTING PAVEMENT			
Line B0320	300	LNFT	\$	\$
20402-0000	SUBEXCAVATION			
Line B0340	5,110	CUYD	\$	\$

B I D S C H E D U L E

Schedule B

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
20410-0000	SELECT BORROW			
Line B0360	3,800	CUYD	\$	\$
20701-0100	EARTHWORK GEOTEXTILE, TYPE I-A			
Line B0380	900	SQYD	\$	\$
20701-1200	EARTHWORK GEOTEXTILE, TYPE IV-A, NON-WOVEN			
Line B0400	8,950	SQYD	\$	\$
20703-2000	GEOGRID, BIAXIAL			
Line B0420	5,350	SQYD	\$	\$
21101-2000	ROADWAY OBLITERATION, METHOD 2			
Line B0440	170	SQYD	\$	\$
25101-2000	PLACED RIPRAP, CLASS 2			
Line B0460	200	CUYD	\$	\$
25101-3000	PLACED RIPRAP, CLASS 3			
Line B0480	50	CUYD	\$	\$
25101-4000	PLACED RIPRAP, CLASS 4			
Line B0500	50	CUYD	\$	\$
30303-3000	ROADWAY RECONDITIONING			
Line B0520	600	SQYD	\$	\$
30503-0000	AGGREGATE-TOPSOIL COURSE			
Line B0540	1,350	CUYD	\$	\$
30801-2000	ROADWAY AGGREGATE, METHOD 2			
Line B0560	900	CUYD	\$	\$
A004 31001-0000	RECYCLED AGGREGATE BASE, 9" DEPTH			
Line B0580	7,615	SQYD	\$	\$
40101-5600	SUPERPAVE PAVEMENT, 1/2-INCH OR 3/4-INCH NOMINAL MAXIMUM SIZE AGGREGATE, 0.3 TO <3 MILLION ESAL			
Line B0600	14,240	TON	\$	\$
A004 40105-3000	ANTISTRIP ADDITIVE, TYPE 3			
Line B0620	190	TON	\$	\$
40401-0000	MINOR HOT ASPHALT CONCRETE			
Line B0640	1,300	TON	\$	\$
41202-1000	TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H			
Line B0660	16,940	GAL	\$	\$
41301-1200	ASPHALT PAVEMENT MILLING, 5-INCH DEPTH			
Line B0680	1,605	SQYD	\$	\$

B I D S C H E D U L E

Schedule B

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
41602-2000	CONTINUOUS COLD RECYCLED ASPHALT BASE COURSE TYPE B, 3" DEPTH			
Line B0700	75,500	SQYD	\$	\$
41606-0000	EMULSIFIED ASPHALT (ENGINEERED)			
Line B0720	220	TON	\$	\$
41610-1000	FOG SEAL GRADE CSS-1, CSS-1H, SS-1 OR SS-1H			
Line B0740	35	TON	\$	\$
41611-1000	BLOTTER			
Line B0760	434	TON	\$	\$
60201-0600	18-INCH PIPE CULVERT			
Line B0780	230	LNFT	\$	\$
60201-0800	24-INCH PIPE CULVERT			
Line B0800	810	LNFT	\$	\$
60210-0600	END SECTION FOR 18-INCH PIPE CULVERT			
Line B0820	5	EACH	\$	\$
60210-0800	END SECTION FOR 24-INCH PIPE CULVERT			
Line B0840	27	EACH	\$	\$
60404-1000	CATCH BASIN, TYPE 1			
Line B0860	1	EACH	\$	\$
60409-0200	INLET TOP, METAL FRAME AND GRATE TYPE B			
Line B0880	1	EACH	\$	\$
60502-0000	GEOCOMPOSITE UNDERDRAIN SYSTEM			
Line B0900	1,610	LNFT	\$	\$
60707-0300	LINING 18-INCH PIPE CULVERT			
Line B0920	280	LNFT	\$	\$
60707-0500	LINING 24-INCH PIPE CULVERT			
Line B0940	900	LNFT	\$	\$
60707-0700	LINING 36-INCH PIPE CULVERT			
Line B0960	265	LNFT	\$	\$
60707-0900	LINING 48-INCH PIPE CULVERT			
Line B0980	150	LNFT	\$	\$
60802-0400	PAVED WATERWAY, TYPE 4			
Line B1000	25	LNFT	\$	\$
60901-1700	CURB, CONCRETE, 18-INCH DEPTH			
Line B1020	2,650	LNFT	\$	\$

B I D S C H E D U L E

Schedule B

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
60902-1000	CURB AND GUTTER, CONCRETE, 12-INCH DEPTH			
Line B1040	1,420	LNFT	\$	\$
61501-0100	SIDEWALK, CONCRETE			
Line B1060	290	SQYD	\$	\$
61701-2000	GUARDRAIL SYSTEM G4, TYPE 4, CLASS B WOOD POSTS			
Line B1080	6,210	LNFT	\$	\$
61702-0300	TERMINAL SECTION, TYPE G4-BAT			
Line B1100	10	EACH	\$	\$
61702-0600	TERMINAL SECTION, TYPE FLARED			
Line B1120	4	EACH	\$	\$
61702-0800	TERMINAL SECTION TYPE TANGENT			
Line B1140	22	EACH	\$	\$
61703-2000	TERMINAL END, TYPE ROUND END SECTION			
Line B1160	4	EACH	\$	\$
61902-0000	GATE WIRE, 20 FT WIDTH			
Line B1180	1	EACH	\$	\$
62201-0250	DUMP TRUCK, 10 CUBIC YARD MINIMUM CAPACITY			
Line B1200	100	HOUR	\$	\$
62201-0950	WHEEL LOADER, 3 CUBIC YARD MINIMUM RATED CAPACITY			
Line B1220	100	HOUR	\$	\$
62201-2800	MOTOR GRADER, 8 FOOT MINIMUM BLADE			
Line B1240	50	HOUR	\$	\$
62201-3150	HYDRAULIC EXCAVATOR, CRAWLER MOUNTED, 1.0 CUBIC YARD MINIMUM CAPACITY WITH THUMB ATTACHMENT			
Line B1260	100	HOUR	\$	\$
62301-0000	GENERAL LABOR			
Line B1280	300	HOUR	\$	\$
62407-0000	PLACING CONSERVED TOPSOIL			
Line B1300	70	CUYD	\$	\$
63301-1000	SIGN SYSTEM, GOVERNMENT FURNISHED SIGN			
Line B1320	5	EACH	\$	\$
63302-0000	SIGN SYSTEM			
Line B1340	173	SQFT	\$	\$
63315-0000	RUMBLE STRIP			
Line B1360	50	SQYD	\$	\$

B I D S C H E D U L E

Schedule B

Account: ALL

Project No: WA PRA OLYM 12(2)

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
63316-1000	REMOVE AND RESET SIGN			
Line B1380	9	EACH	\$	\$
63318-1000	SNOWPOLE HOLDER			
Line B1400	35	EACH	\$	\$
63401-0300	PAVEMENT MARKINGS, TYPE B, SOLID (YELLOW)			
Line B1420	74,900	LNFT	\$	\$
63401-0300	PAVEMENT MARKINGS, TYPE B, SOLID (WHITE)			
Line B1440	112,010	LNFT	\$	\$
63401-0400	PAVEMENT MARKINGS, TYPE B, BROKEN			
Line B1460	18,700	LNFT	\$	\$
63405-0850	PAVEMENT MARKINGS, TYPE B, ACCESSIBILITY SYMBOL			
Line B1480	2	EACH	\$	\$
63406-0000	RAISED PAVEMENT MARKER			
Line B1500	30	EACH	\$	\$
63502-1000	TEMPORARY TRAFFIC CONTROL, CONE, TYPE 36-INCH			
Line B1520	500	EACH	\$	\$
63502-1400	TEMPORARY TRAFFIC CONTROL, VERTICAL PANEL			
Line B1540	80	EACH	\$	\$
63502-1500	TEMPORARY TRAFFIC CONTROL, WARNING LIGHT TYPE A			
Line B1560	100	EACH	\$	\$
63502-1600	TEMPORARY TRAFFIC CONTROL, WARNING LIGHT TYPE B			
Line B1580	20	EACH	\$	\$
63502-1700	TEMPORARY TRAFFIC CONTROL, WARNING LIGHT TYPE C			
Line B1600	50	EACH	\$	\$
63502-2000	TEMPORARY TRAFFIC CONTROL, PORTABLE CHANGEABLE MESSAGE SIGN			
Line B1620	2	EACH	\$	\$
63503-0700	TEMPORARY TRAFFIC CONTROL, PAVEMENT MARKINGS			
Line B1640	110,000	LNFT	\$	\$
63503-1000	TEMPORARY TRAFFIC CONTROL, PLASTIC FENCE			
Line B1660	1,500	LNFT	\$	\$
63504-1000	TEMPORARY TRAFFIC CONTROL, CONSTRUCTION SIGN			
Line B1680	770	SQFT	\$	\$
63506-0600	TEMPORARY TRAFFIC CONTROL, PILOT CAR			
Line B1700	600	HOUR	\$	\$

B I D S C H E D U L E

Schedule B

Account: ALL

Project No: WA PRA OLYM 12(2)

Submitted by: _____

Schedule Total: _____

Name: Hurricane Ridge Road, Phase II

CQ = "Contract Quantity"

Item No.	Quantity	Unit	Unit Price	Amount
63507-0700	TEMPORARY TRAFFIC CONTROL, TRAFFIC AND SAFETY SUPERVISOR			
Line B1720	90	DAY	\$	\$
63509-1000	TEMPORARY TRAFFIC CONTROL, FLAGGER			
Line B1740	2,400	FXHR	\$ 59.00	\$ 141,600.00
63601-3100	SYSTEM INSTALLATION, TELEPHONE (FIBER OPTIC)			
Line B1760	ALL	LPSM		\$
63610-1600	CONDUIT, 2-INCH, PVC			
Line B1780	82,860	LNFT	\$	\$
63621-5000	UTILITY BOX, CONCRETE			
Line B1800	24	EACH	\$	\$
63622-0000	UTILITY TRENCH			
Line B1820	27,640	LNFT	\$	\$

Revised by Amendment A004

further assign or reassign its right under the original assignment to any type of financing institution described in the preceding sentence.

(b) Any assignment or reassignment authorized under the Act and this clause shall cover all unpaid amounts payable under this contract, and shall not be made to more than one party, except that an assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in the financing of this contract.

(c) The Contractor shall not furnish or disclose to any assignee under this contract any classified document (including this contract) or information related to work under this contract until the Contracting Officer authorizes such action in writing.

52.232-27 Prompt Payment for Construction Contracts (Jan 2017)

Notwithstanding any other payment terms in this contract, the Government will make invoice payments under the terms and conditions specified in this clause. The Government considers payment as being made on the day a check is dated or the date of an electronic funds transfer. Definitions of pertinent terms are set forth in sections 2.101, 32.001, and 32.902 of the Federal Acquisition Regulation. All days referred to in this clause are calendar days, unless otherwise specified. (However, see paragraph (a)(3) concerning payments due on Saturdays, Sundays, and legal holidays.)

(a) Invoice payments—

(1) Types of invoice payments. For purposes of this clause, there are several types of invoice payments that may occur under this contract, as follows:

(i) Progress payments, if provided for elsewhere in this contract, based on Contracting Officer approval of the estimated amount and value of work or services performed, including payments for reaching milestones in any project.

(A) The due date for making such payments is 14 days after the designated billing office receives a proper payment request. If the designated billing office fails to annotate the payment request with the actual date of receipt at the time of receipt, the payment due date is the 14th day after the date of the Contractor's payment request, provided the designated billing office receives a proper payment request and there is no disagreement over quantity, quality, or Contractor compliance with contract requirements.

(B) The due date for payment of any amounts retained by the Contracting Officer in accordance with the clause at 52.232-5, Payments Under Fixed-Price Construction Contracts, is as specified in the contract or, if not specified, 30 days after approval by the Contracting Officer for release to the Contractor.

(ii) Final payments based on completion and acceptance of all work and presentation of release of all claims against the Government arising by virtue of the contract, and payments for partial deliveries that have been accepted by the Government (e.g., each separate building, public work, or other division of the contract for which the price is stated separately in the contract).

(A) The due date for making such payments is the later of the following two events:

(1) The 30th day after the designated billing office receives a proper invoice from the Contractor.

(2) The 30th day after Government acceptance of the work or services completed by the Contractor. For a final invoice when the payment amount is subject to contract settlement actions (e.g., release of claims), acceptance is deemed to occur on the effective date of the contract settlement.

(B) If the designated billing office fails to annotate the invoice with the date of actual receipt at the time of receipt, the invoice payment due date is the 30th day after the date of the Contractor's invoice, provided the designated billing office receives a proper invoice and there is no disagreement over quantity, quality, or Contractor compliance with contract requirements.

(2) Contractor's invoice. The Contractor shall prepare and submit invoices to the designated billing office specified in the contract. A proper invoice must include the items listed in paragraphs (a)(2)(i) through (a)(2)(xi) of this clause. If the invoice does not comply with these requirements, the designated billing office must return it within 7 days after receipt, with the reasons why it is not a proper invoice.

When computing any interest penalty owed the Contractor, the Government will take into account if the Government notifies the Contractor of an improper invoice in an untimely manner.

- (i) Name and address of the Contractor.
- (ii) Invoice date and invoice number. (The Contractor should date invoices as close as possible to the date of mailing or transmission.)
- (iii) Contract number or other authorization for work or services performed (including order number and line item number).
- (iv) Description of work or services performed.
- (v) Delivery and payment terms (e.g., discount for prompt payment terms).
- (vi) Name and address of Contractor official to whom payment is to be sent (must be the same as that in the contract or in a proper notice of assignment).
- (vii) Name (where practicable), title, phone number, and mailing address of person to notify in the event of a defective invoice.
- (viii) For payments described in paragraph (a)(1)(i) of this clause, substantiation of the amounts requested and certification in accordance with the requirements of the clause at 52.232-5, Payments Under Fixed-Price Construction Contracts.
- (ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision (e.g., 52.232-38, Submission of Electronic Funds Transfer Information with Offer), contract clause (e.g., 52.232-33, Payment by Electronic Funds Transfer—System for Award Management, or 52.232-34, Payment by Electronic Funds Transfer—Other Than System for Award Management), or applicable agency procedures.

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.

(xi) Any other information or documentation required by the contract.

(3) Interest penalty. The designated payment office will pay an interest penalty automatically, without request from the Contractor, if payment is not made by the due date and the conditions listed in paragraphs (a)(3)(i) through (a)(3)(iii) of this clause are met, if applicable. However, when the due date falls on a Saturday, Sunday, or legal holiday, the designated payment office may make payment on the following working day without incurring a late payment interest penalty.

(i) The designated billing office received a proper invoice.

(ii) The Government processed a receiving report or other Government documentation authorizing payment and there was no disagreement over quantity, quality, Contractor compliance with any contract term or condition, or requested progress payment amount.

(iii) In the case of a final invoice for any balance of funds due the Contractor for work or services performed, the amount was not subject to further contract settlement actions between the Government and the Contractor.

(4) Computing penalty amount. The Government will compute the interest penalty in accordance with the Office of Management and Budget prompt payment regulations at 5 CFR Part 1315.

(i) For the sole purpose of computing an interest penalty that might be due the Contractor for payments described in paragraph (a)(1)(ii) of this clause, Government acceptance or approval is deemed to occur constructively on the 7th day after the Contractor has completed the work or services in accordance with the terms and conditions of the contract. If actual acceptance or approval occurs within the constructive acceptance or approval period, the Government will base the determination of an interest penalty on the actual date of acceptance or approval. Constructive acceptance or constructive approval requirements do not apply if there is a disagreement over quantity, quality, or Contractor compliance with a contract provision. These requirements also do not compel Government officials to accept work or services, approve Contractor estimates, perform contract administration functions, or make payment prior to fulfilling their responsibilities.

(ii) The prompt payment regulations at 5 CFR 1315.10(c) do not require the Government to pay interest penalties if payment delays are due to disagreement between the Government and the

Contractor over the payment amount or other issues involving contract compliance, or on amounts temporarily withheld or retained in accordance with the terms of the contract. The Government and the Contractor shall resolve claims involving disputes, and any interest that may be payable in accordance with the clause at FAR 52.233-1, Disputes.

(5) Discounts for prompt payment. The designated payment office will pay an interest penalty automatically, without request from the Contractor, if the Government takes a discount for prompt payment improperly. The Government will calculate the interest penalty in accordance with the prompt payment regulations at 5 CFR Part 1315.

(6) Additional interest penalty.

(i) The designated payment office will pay a penalty amount, calculated in accordance with the prompt payment regulations at 5 CFR Part 1315 in addition to the interest penalty amount only if—

(A) The Government owes an interest penalty of \$1 or more;

(B) The designated payment office does not pay the interest penalty within 10 days after the date the invoice amount is paid; and

(C) The Contractor makes a written demand to the designated payment office for additional penalty payment, in accordance with paragraph (a)(6)(ii) of this clause, postmarked not later than 40 days after the date the invoice amount is paid.

(ii)(A) The Contractor shall support written demands for additional penalty payments with the following data. The Government will not request any additional data. The Contractor shall—

(1) Specifically assert that late payment interest is due under a specific invoice, and request payment of all overdue late payment interest penalty and such additional penalty as may be required;

(2) Attach a copy of the invoice on which the unpaid late payment interest was due;
and

(3) State that payment of the principal has been received, including the date of receipt.

(B) If there is no postmark or the postmark is illegible—

(1) The designated payment office that receives the demand will annotate it with the date of receipt provided the demand is received on or before the 40th day after payment was made; or

(2) If the designated payment office fails to make the required annotation, the Government will determine the demand's validity based on the date the Contractor has placed on the demand, provided such date is no later than the 40th day after payment was made.

(b) Contract financing payments. If this contract provides for contract financing, the Government will make contract financing payments in accordance with the applicable contract financing clause.

(c) Subcontract clause requirements. The Contractor shall include in each subcontract for property or services (including a material supplier) for the purpose of performing this contract the following:

(1) Prompt payment for subcontractors. A payment clause that obligates the Contractor to pay the subcontractor for satisfactory performance under its subcontract not later than 7 days from receipt of payment out of such amounts as are paid to the Contractor under this contract.

(2) Interest for subcontractors. An interest penalty clause that obligates the Contractor to pay to the subcontractor an interest penalty for each payment not made in accordance with the payment clause—

(i) For the period beginning on the day after the required payment date and ending on the date on which payment of the amount due is made; and

(ii) Computed at the rate of interest established by the Secretary of the Treasury, and published in the Federal Register, for interest payments under 41 U.S.C. 7109 in effect at the time the Contractor accrues the obligation to pay an interest penalty.

(3) Subcontractor clause flowdown. A clause requiring each subcontractor to—

(i) Include a payment clause and an interest penalty clause conforming to the standards set forth in paragraphs (c)(1) and (c)(2) of this clause in each of its subcontracts; and

(ii) Require each of its subcontractors to include such clauses in their subcontracts with each lower-tier subcontractor or supplier.

(d) Subcontract clause interpretation. The clauses required by paragraph (c) of this clause shall not be construed to impair the right of the Contractor or a subcontractor at any tier to negotiate, and to include in their subcontract, provisions that—

(1) Retainage permitted. Permit the Contractor or a subcontractor to retain (without cause) a specified percentage of each progress payment otherwise due to a subcontractor for satisfactory performance under the subcontract without incurring any obligation to pay a late payment interest penalty, in accordance with terms and conditions agreed to by the parties to the subcontract, giving such recognition as the parties deem appropriate to the ability of a subcontractor to furnish a performance bond and a payment bond;

(2) Withholding permitted. Permit the Contractor or subcontractor to make a determination that part or all of the subcontractor's request for payment may be withheld in accordance with the subcontract agreement; and

(3) Withholding requirements. Permit such withholding without incurring any obligation to pay a late payment penalty if—

(i) A notice conforming to the standards of paragraph (g) of this clause previously has been furnished to the subcontractor; and

(ii) The Contractor furnishes to the Contracting Officer a copy of any notice issued by a Contractor pursuant to paragraph (d)(3)(i) of this clause.

(e) Subcontractor withholding procedures. If a Contractor, after making a request for payment to the Government but before making a payment to a subcontractor for the subcontractor's performance covered by the payment request, discovers that all or a portion of the payment otherwise due such subcontractor is subject to withholding from the subcontractor in accordance with the subcontract agreement, then the Contractor shall—

(1) Subcontractor notice. Furnish to the subcontractor a notice conforming to the standards of paragraph (g) of this clause as soon as practicable upon ascertaining the cause giving rise to a withholding, but prior to the due date for subcontractor payment;

(2) Contracting Officer notice. Furnish to the Contracting Officer, as soon as practicable, a copy of the notice furnished to the subcontractor pursuant to paragraph (e)(1) of this clause;

(3) Subcontractor progress payment reduction. Reduce the subcontractor's progress payment by an amount not to exceed the amount specified in the notice of withholding furnished under paragraph (e)(1) of this clause;

(4) Subsequent subcontractor payment. Pay the subcontractor as soon as practicable after the correction of the identified subcontract performance deficiency, and—

(i) Make such payment within—

(A) Seven days after correction of the identified subcontract performance deficiency (unless the funds therefor must be recovered from the Government because of a reduction under paragraph (e)(5)(i) of this clause; or

(B) Seven days after the Contractor recovers such funds from the Government; or

(ii) Incur an obligation to pay a late payment interest penalty computed at the rate of interest established by the Secretary of the Treasury, and published in the Federal Register, for interest payments under 41 U.S.C. 7109 in effect at the time the Contractor accrues the obligation to pay an interest penalty;

(5) Notice to Contracting Officer. Notify the Contracting Officer upon—

(i) Reduction of the amount of any subsequent certified application for payment; or

(ii) Payment to the subcontractor of any withheld amounts of a progress payment, specifying—

(A) The amounts withheld under paragraph (e)(1) of this clause; and

(B) The dates that such withholding began and ended; and

(6) Interest to Government. Be obligated to pay to the Government an amount equal to interest on the withheld payments (computed in the manner provided in 31 U.S.C. 3903(c)(1)), from the 8th day after receipt of the withheld amounts from the Government until—

(i) The day the identified subcontractor performance deficiency is corrected; or

(ii) The date that any subsequent payment is reduced under paragraph (e)(5)(i) of this clause.

(f) Third-party deficiency reports—

(1) Withholding from subcontractor. If a Contractor, after making payment to a first-tier subcontractor, receives from a supplier or subcontractor of the first-tier subcontractor (hereafter referred to as a "second-tier subcontractor") a written notice in accordance with 40 U.S.C. 3133, asserting a deficiency in such first-tier subcontractor's performance under the contract for which the Contractor may

be ultimately liable, and the Contractor determines that all or a portion of future payments otherwise due such first-tier subcontractor is subject to withholding in accordance with the subcontract agreement, the Contractor may, without incurring an obligation to pay an interest penalty under paragraph (e)(6) of this clause—

(i) Furnish to the first-tier subcontractor a notice conforming to the standards of paragraph (g) of this clause as soon as practicable upon making such determination; and

(ii) Withhold from the first-tier subcontractor's next available progress payment or payments an amount not to exceed the amount specified in the notice of withholding furnished under paragraph (f)(1)(i) of this clause.

(2) Subsequent payment or interest charge. As soon as practicable, but not later than 7 days after receipt of satisfactory written notification that the identified subcontract performance deficiency has been corrected, the Contractor shall—

(i) Pay the amount withheld under paragraph (f)(1)(ii) of this clause to such first-tier subcontractor; or

(ii) Incur an obligation to pay a late payment interest penalty to such first-tier subcontractor computed at the rate of interest established by the Secretary of the Treasury, and published in the Federal Register, for interest payments under 41 U.S.C. 7109 in effect at the time the Contractor accrues the obligation to pay an interest penalty.

(g) Written notice of subcontractor withholding. The Contractor shall issue a written notice of any withholding to a subcontractor (with a copy furnished to the Contracting Officer), specifying—

(1) The amount to be withheld;

(2) The specific causes for the withholding under the terms of the subcontract; and

(3) The remedial actions to be taken by the subcontractor in order to receive payment of the amounts withheld.

(h) Subcontractor payment entitlement. The Contractor may not request payment from the Government of any amount withheld or retained in accordance with paragraph (d) of this clause until such time as the Contractor has determined and certified to the Contracting Officer that the subcontractor is entitled to the payment of such amount.

(i) Prime-subcontractor disputes. A dispute between the Contractor and subcontractor relating to the amount or entitlement of a subcontractor to a payment or a late payment interest penalty under a clause included in the subcontract pursuant to paragraph (c) of this clause does not constitute a dispute to which the Government is a party. The Government may not be interpleaded in any judicial or administrative proceeding involving such a dispute.

(j) Preservation of prime-subcontractor rights. Except as provided in paragraph (i) of this clause, this clause shall not limit or impair any contractual, administrative, or judicial remedies otherwise available to the Contractor or a subcontractor in the event of a dispute involving late payment or nonpayment by the Contractor or deficient subcontract performance or nonperformance by a subcontractor.

(k) Non-recourse for prime contractor interest penalty. The Contractor's obligation to pay an interest penalty to a subcontractor pursuant to the clauses included in a subcontract under paragraph (c) of this clause shall not be construed to be an obligation of the Government for such interest penalty. A cost-reimbursement claim may not include any amount for reimbursement of such interest penalty.

(l) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall—

(1) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the—

(i) Circumstances of the overpayment (e.g., duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);

(ii) Affected contract number and delivery order number if applicable;

(iii) Affected line item or subline item, if applicable; and

(iv) Contractor point of contact.

(2) Provide a copy of the remittance and supporting documentation to the Contracting Officer.

~~Notwithstanding any other payment terms in this contract, the Government will make invoice payments under the terms and conditions specified in this clause. The Government considers payment as being made on the day a check is dated or the date of an electronic funds transfer. Definitions of pertinent terms are set~~

~~forth in sections 2.101, 32.001, and 32.902 of the Federal Acquisition Regulation. All days referred to in this clause are calendar days, unless otherwise specified. (However, see paragraph (a)(3) of this clause concerning payments due on Saturdays, Sundays, and legal holidays.)~~

~~(a) Invoice payments—~~

~~(1) Due date. The due date for making invoice payments is—~~

~~(i) For work or services completed by the Contractor, the later of the following two events:~~

~~(A) The 30th day after the designated billing office receives a proper invoice from the Contractor (except as provided in paragraph (a)(1)(iii) of this clause).~~

~~(B) The 30th day after Government acceptance of the work or services completed by the Contractor. For a final invoice, when the payment amount is subject to contract settlement actions (e.g., release of claims), acceptance is deemed to occur on the effective date of the settlement.~~

~~(ii) The due date for progress payments is the 30th day after Government approval of Contractor estimates of work or services accomplished.~~

~~(iii) If the designated billing office fails to annotate the invoice or payment request with the actual date of receipt at the time of receipt, the payment due date is the 30th day after the date of the Contractor's invoice or payment request, provided the designated billing office receives a proper invoice or payment request and there is no disagreement over quantity, quality, or Contractor compliance with contract requirements.~~

~~(2) Contractor's invoice. The Contractor shall prepare and submit invoices to the designated billing office specified in the contract. A proper invoice must include the items listed in paragraphs (a)(2)(i) through (a)(2)(x) of this clause. If the invoice does not comply with these requirements, the designated billing office will return it within 7 days after receipt, with the reasons why it is not a proper invoice. When computing any interest penalty owed the Contractor, the Government will take into account if the Government notifies the Contractor of an improper invoice in an untimely manner:~~

~~(i) Name and address of the Contractor.~~

~~(ii) Invoice date and invoice number. (The Contractor should date invoices as close as possible to the date of mailing or transmission.)~~

~~(iii) Contract number or other authorization for work or services performed (including order number and line item number).~~

~~(iv) Description of work or services performed.~~

~~(v) Delivery and payment terms (e.g., discount for prompt payment terms).~~

~~(vi) Name and address of Contractor official to whom payment is to be sent (must be the same as that in the contract or in a proper notice of assignment).~~

~~(vii) Name (where practicable), title, phone number, and mailing address of person to notify in the event of a defective invoice.~~

~~(viii) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.~~

~~(ix) Electronic funds transfer (EFT) banking information.~~

~~(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.~~

~~(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision (e.g., 52.232-38, Submission of Electronic Funds Transfer Information with Offer), contract clause (e.g., 52.232-33, Payment by Electronic Funds Transfer System for Award Management, or 52.232-34, Payment by Electronic Funds Transfer Other Than System for Award Management), or applicable agency procedures.~~

~~(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.~~

~~(x) Any other information or documentation required by the contract.~~

~~(3) Interest penalty. The designated payment office will pay an interest penalty automatically, without request from the Contractor, if payment is not made by the due date and the conditions listed in paragraphs (a)(3)(i) through (a)(3)(iii) of this clause are met, if applicable. However, when the due date falls on a Saturday, Sunday, or legal holiday, the designated payment office may make payment on the following working day without incurring a late payment interest penalty.~~

~~(i) The designated billing office received a proper invoice.~~

~~(ii) The Government processed a receiving report or other Government documentation authorizing payment and there was no disagreement over quantity, quality, Contractor compliance with any contract term or condition, or requested progress payment amount.~~

~~(iii) In the case of a final invoice for any balance of funds due the Contractor for work or services performed, the amount was not subject to further contract settlement actions between the Government and the Contractor.~~

~~(4) Computing penalty amount. The Government will compute the interest penalty in accordance with the Office of Management and Budget prompt payment regulations at 5 CFR Part 1315.~~

~~(i) For the sole purpose of computing an interest penalty that might be due the Contractor, Government acceptance or approval is deemed to occur constructively as shown in paragraphs (a)(4)(i)(A) and (B) of this clause. If actual acceptance or approval occurs within the constructive acceptance or approval period, the Government will base the determination of an interest penalty on the actual date of acceptance or approval. Constructive acceptance or constructive approval requirements do not apply if there is a disagreement over quantity, quality, Contractor compliance with a contract provision, or requested progress payment amounts. These requirements also do not compel Government officials to accept work or services, approve Contractor estimates, perform contract administration functions, or make payment prior to fulfilling their responsibilities.~~

~~(A) For work or services completed by the Contractor, Government acceptance is deemed to occur constructively on the 7th day after the Contractor completes the work or services in accordance with the terms and conditions of the contract.~~

~~(B) For progress payments, Government approval is deemed to occur on the 7th day after the designated billing office receives the Contractor estimates.~~

~~(ii) The prompt payment regulations at 5 CFR 1315.10(e) do not require the Government to pay interest penalties if payment delays are due to disagreement between the Government and the Contractor over the payment amount or other issues involving contract compliance, or on amounts temporarily withheld or retained in accordance with the terms of the contract. The Government and the Contractor shall resolve claims involving disputes, and any interest that may be payable in accordance with the clause at FAR 52.233-1, Disputes.~~

~~(5) Discounts for prompt payment. The designated payment office will pay an interest penalty automatically, without request from the Contractor, if the Government takes a discount for prompt payment improperly. The Government will calculate the interest penalty in accordance with 5 CFR Part 1315.~~

~~(6) Additional interest penalty:~~

~~(i) The designated payment office will pay a penalty amount, calculated in accordance with the prompt payment regulations at 5 CFR Part 1315, in addition to the interest penalty amount only if —~~

~~(A) The Government owes an interest penalty of \$1 or more;~~

~~(B) The designated payment office does not pay the interest penalty within 10 days after the date the invoice amount is paid; and~~

~~(C) The contractor makes a written demand to the designated payment office for additional penalty payment, in accordance with paragraph (a)(6)(ii) of this clause, postmarked not later than 40 days after the date the invoice amount is paid.~~

~~(ii) (A) The Contractor shall support written demands for additional penalty payments with the following data. The Government will not request any additional data. The Contractor shall —~~

~~(1) Specifically assert that late payment interest is due under a specific invoice, and request payment of all overdue late payment interest penalty and such additional penalty as may be required;~~

~~(2) Attach a copy of the invoice on which the unpaid late payment interest is due; and~~

~~(3) State that payment of the principal has been received, including the date of receipt.~~

~~(B) If there is no postmark or the postmark is illegible—~~

~~(1) The designated payment office that receives the demand will annotate it with the date of receipt, provided the demand is received on or before the 40th day after payment was made; or~~

~~(2) If the designated payment office fails to make the required annotation, the Government will determine the demand's validity based on the date the Contractor has placed on the demand, provided such date is no later than the 40th day after payment was made.~~

~~(iii) The additional penalty does not apply to payments regulated by other Government regulations (e.g., payments under utility contracts subject to tariffs and regulation).~~

~~(b) Contract financing payments. If this contract provides for contract financing, the Government will make contract financing payments in accordance with the applicable contract financing clause.~~

~~(c) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall—~~

~~(1) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the—~~

~~(i) Circumstances of the overpayment (e.g., duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);~~

~~(ii) Affected contract number and delivery order number, if applicable;~~

~~(iii) Affected line item or subline item, if applicable; and~~

~~(iv) Contractor point of contact.~~

~~—(2) Provide a copy of the remittance and supporting documentation to the Contracting Officer.~~

52.232-33 Payment by Electronic Funds Transfer— System for Award Management (Jul 2013)

(a) Method of payment.

(1) All payments by the Government under this contract shall be made by electronic funds transfer (EFT), except as provided in paragraph (a)(2) of this clause. As used in this clause, the term “EFT” refers to the funds transfer and may also include the payment information transfer.

C-75f
Reserved

52.236-3 Site Investigation and Conditions Affecting the Work (Apr 1984)

(a) The Contractor acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work, and that it has investigated and satisfied itself as to the general and local conditions which can affect the work or its cost, including but not limited to (1) conditions bearing upon transportation, disposal, handling, and storage of materials; (2) the availability of labor, water, electric power, and roads; (3) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (4) the conformation and conditions of the ground; and (5) the character of equipment and facilities needed preliminary to and during work performance. The Contractor also acknowledges that it has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done by the Government, as well as from the drawings and specifications made a part of this contract. Any failure of the Contractor to take the actions described and acknowledged in this paragraph will not relieve the Contractor from responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the Government.

(b) The Government assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the Government. Nor does the Government assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding or representation is expressly stated in this contract.

52.236-4 Physical Data (Apr 1984)

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(a) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by: N/A.

(b) Weather conditions: N/A.

(c) Transportation facilities: N/A.

(d) Geotechnical data, design data, and environmental information consisting of the following, will be posted with the solicitation.

(1) Government's initial Stormwater Pollution Prevention Plan (Government's initial SWPPP) or Erosion and Sediment Control Plan (ESCP)

(2) 114+75 INLET-E OUTLET

(3) 119+58 INLET-E OUTLET

(4) 141+47 INLET-W OUTLET

(5) 153+25 INLET-W OUTLET

(6) 191+29 INLET-W OUTLET

(7) 196+76 INLET-W OUTLET

(8) 274+89 INLET-W OUTLET

(9) 306+00 INLET-W OUTLET

(10) 307+00 INLET-W OUTLET

(11) 346+13 INLET-W OUTLET

(12) FLH Culvert Assessment Form 114+75 App A-2

(13) FLH Culvert Assessment Form 119+57 App A-3

(14) FLH Culvert Assessment Form 141+46 App A-4

(15) FLH Culvert Assessment Form 153+25 App A-56) FLH Culvert Assessment Form 191+28 App A-7

(17) FLH Culvert Assessment Form 196+76 App A-8

(18) FLH Culvert Assessment Form 274+88 App A-11

(19) FLH Culvert Assessment Form 306+18 App A-12

(20) FLH Culvert Assessment Form 307+27 App A-13

(21) FLH Culvert Assessment Form 346+13 App A-14

(22) PUD Facilities on Heart of the Hills

52.236-5 Material and Workmanship (Apr 1984)

(a) All equipment, material, and articles incorporated into the work covered by this contract shall be new and of the most suitable grade for the purpose intended, unless otherwise specifically provided in this contract. References in the specifications to equipment, material, articles, or patented processes by trade name, make, or catalog number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition. The Contractor may, at its option, use any equipment, material, article, or process that, in the judgment of the Contracting Officer, is equal to that named in the specifications, unless otherwise specifically provided in this contract.

(b) The Contractor shall obtain the Contracting Officer's approval of the machinery and mechanical and other equipment to be incorporated into the work. When requesting approval, the Contractor shall furnish to the Contracting Officer the name of the manufacturer, the model number, and other information concerning the performance, capacity, nature, and rating of the machinery and mechanical and other equipment. When required by this contract or by the Contracting Officer, the Contractor shall also obtain

C-80b
Reserved

Contract Clauses

Project: WA PRA OLYM 12(2), Hurricane Ridge Road, Phase II Revised Amendment A002
Revised Amendment A004

Section 108. — PROSECUTION AND PROGRESS

108.01 Commencement, Prosecution, and Completion of Work. Add the following:

Furnish at least 48 hours advance notice before changing the current work schedule. Work schedule changes that include additional shifts require 14 days notice.

Perform work under this contract according to the following:

- (a) Do not perform construction operations between 6:00 p.m. Friday and 6:00 a.m. the following Monday of each week
- (b) Do not perform construction operations two hours before and after sunrise or sunset from April 1st through September 15th.
- (c) Provide a full-width continuous cold recycled aggregate base that has been fog sealed and swept or paved surface through the project for the annual Ride the Hurricane bicycle race.
- ~~(d) Complete mainline paving by October 15th;~~
- (e) Do not perform construction operations between 6:00 p.m. Friday and 6:00 a.m. the following Tuesday of the Memorial Day and Labor Day weekends, and Independence Day weekend if Independence Day falls on a Sunday or Monday;
- (f) Limit work as provided in Subsection 107.10;
- (g) Limit work as provided for in Subsection 156.06; and
- (h) Do not perform blasting of any kind unless approved by the CO.

108.01A Labor. (Added Subsection).

Follow the requirements of FAR Clause 52.222-6 Construction Wage Requirements.

Adjacent or virtually adjacent work sites, as used in FAR Clause 52.222-6, are defined to be work sites within ½ mile of the project. Application of Construction Wage Rate Requirements (Davis-Bacon Act) for work sites beyond ½ mile of the project will be determined by the CO.

108.04 Failure to Complete Work on Time. Delete the text and table of this Subsection and substitute the following:

Follow the requirements of FAR Clause 52.211-12 Liquidated Damages — Construction.

Liquidated damages in the amount specified in Table 108-1 will be assessed for each calendar day beyond the time specified in the contract until substantial completion of the work.

Liquidated damages will not be assessed for the following:

Revised by Amendment A004

Special Contract Requirements

Project: WA PRA OLYM 12(2), Hurricane Ridge Road, Phase II

(l) For purposes of facilitating traffic, perform grading or surfacing part-width at a time. Make the width not under construction available to public traffic under alternate one-way control. Furnish pilot car and driver, or flaggers, or both, as ordered by the CO, to direct traffic through sections of road under one-way control.

~~(m) Do not haul material, except for topsoil aggregate, over newly laid asphalt.~~

(n) Use of subexcavation materials as topsoil aggregate is only acceptable upon approval of the CO. Comply with all conditions listed in Subsection 105.04.

(o) Complete paving of adjacent traffic lanes to the same elevation within 24 hours.

156.08 Traffic and Safety Supervisor. Amend as follows:

Delete the text of paragraph (f) and substitute the following:

(f) Coordinate and ensure that all traffic control devices are furnished, installed, maintained, removed, stored, replaced, relocated and cleaned according to Subsection 635.03 (a) through (i).

Add the following:

(i) Inspect traffic control devices, including those in staging, storage, material sources, disposal areas, as follows:

(1) Daily during daylight hours when daylight work is being performed;

(2) Daily during hours of darkness when nighttime work is being performed;

(3) Weekly during daylight hours and hours of darkness when work is suspended for periods of more than one week except when the project has been shut down for the winter, and weekly during the hours of darkness when only daylight work is being performed. During periods of winter suspension, inspect only as requested by the CO;

(4) Additional inspections, day or night, as directed by the CO; and

(5) Provide reports of inspections to the CO in an acceptable format within 2 days.

(j) Before winter suspension, conduct an inspection of the project with the CO to ensure proper provisions are made for winter travel during the period of suspension.

Following a winter suspension, conduct an inspection of the project with the CO to ensure proper provisions are made before beginning work.

(k) Transport personnel, construction signs, barricades, drums, cones, tubular markers, and other traffic control devices.

(l) Provide temporary flagging assistance.

Revised by Amendment A004

Section 201. — CLEARING AND GRUBBING

Description

201.01A Definitions. (Added Subsection).

(a) **Drip line.** Drip line means a theoretical line created around the vegetation by extending a vertical line from the outermost perimeter of a tree, shrub or other plant's canopy down to the ground beneath the vegetation.

(b) **Root zone.** An area defined to be within the drip line of the tree or vegetation, measured radially from the center of the tree or vegetation.

Construction Requirements

201.03 General. Add the following:

~~Perform work within the clearing limits, unless approved by the CO. Provide a clearing plan to be approved by the CO for all work outside of the clearing limits.~~ Where the new construction follows the existing road, the area within 3 feet of the existing edge of pavement is considered the clearing and grubbing limits. Do not damage vegetation outside the clearing limits. Do not fasten ropes, cable, or guy wires to the trees. Prune limbs, branches, and treat cuts, scarred surfaces and shrubs according to ANSI A300 (Part 1). Protect tree roots from damage. Keep exposed roots moist until covered with soil. Do not remove tree roots unless approved by the CO.

Perform felling, bucking, and decking of merchantable timber according to accepted logging practices with a minimum of breakage, damage, and waste. Saw the merchantable timber into standard log lengths with proper trim allowance.

Notify the CO prior to cutting any trees greater than 16 inch dbh.

201.05 Grubbing. Add the following:

(e) Use only hand methods for grubbing inside the drip lines of trees designated to remain.

(f) Do not clear trees designated to remain. Protect all trees designated to remain during all operations. No track equipment will be allowed within the root zone of the trees designated to remain. Special equipment or techniques may be required to perform clearing around trees designated to remain.

(g) Do not deck timber against trees designated to remain or against trees outside the construction limits.

(h) Do not push trees over with heavy equipment. Remove vegetation in a manner that does not compact or gouge the topsoil. Do not mix topsoil with subsoil. No vehicular or equipment access will be allowed beyond the clearing limits unless approved by the Park and the CO.

Revised by Amendment A004

Special Contract Requirements

Project: WA PRA OLYM 12(2), Hurricane Ridge Road, Phase II

Section 624. — TOPSOIL

Description

624.01 Delete the text of this Subsection and substitute the following:

This work consists of furnishing and placing conserved topsoil. Where conserved topsoil quantities are insufficient, furnish topsoil mix according to Subsection 713.01(a).

Construction Requirements

624.03 Preparing Areas. Add the following:

On slopes steeper than 1V:3H, roughen the surface with equipment to form furrows parallel with slope contours.

624.03A Stockpiling Soil. (Added Subsection).

Stockpile topsoil according to Subsection 204.05. Provide at least seven (7) days notice before the start of topsoil placement. Place breathable fabric as approved by CO over all stockpiled soil and weigh down with sandbags.

624.04 Placing Topsoil. Amend as follows:

Add the following text to the first paragraph:

See Subsection 204.05 for stockpiling. Place topsoil close to its original location. Comply with Subsection 105.04. Where conserved topsoil quantities do not meet needs, supplement with topsoil mix in accordance with Subsection 713.01(a). See Subsection 713.12 for stabilizing topsoil and disturbed areas.

Where topsoil mix must be used to create a depth of four (4) to six (6) inches, place equal depth layers of topsoil mix and conserved topsoil on disturbed areas. Place topsoil mix prior to conserved topsoil and mix to take advantage of conserved topsoil seed bank.

Delete the text of the third sentence of the second paragraph and substitute the following:

Remove and dispose of all stumps, roots, and branches larger than three (3) inches in diameter and rocks larger than twelve (12) inches upon completing topsoil spreading.

Add the following:

~~Apply topsoil beginning September 1 through November 15.~~ On slopes steeper than 1V:1.5H, place topsoil to a depth of four (4) inches. On slopes 1V:1.5H or flatter, and riprap slopes, place topsoil to a depth of six (6) inches. Place topsoil by hand in areas where machine placement is not allowed or practical.

Delete the third paragraph.

Revised by Amendment A004

Special Contract Requirements

Project: WA PRA OLYM 12(2), Hurricane Ridge Road, Phase II

SUMMARY OF QUANTITIES - Schedule A

SUMMARY OF QUANTITIES - Schedule A															
					Sheet and Description								Estimated Quantities		Remarks and/or Determination of Estimated Quantity
					Section C	Section D	Section E	Section F	Section G	Section H	Section I	Section J	ALLOWANCE		
A M E N D	Line Item No.	Pay Item Number	Pay Item Description	Unit	Typical Section	Plan & Profile	Approach Roads	Erosion Control	Misc. Plan Details	Drainage	Temporary Traffic Control	Permanent Traffic Control			
	A0020	15101-0000	MOBILIZATION	LPSM										ALL	
	A0040	15201-0000	CONSTRUCTION SURVEY AND STAKING	LPSM										ALL	
	A0060	15301-0010	CONTRACTOR QUALITY CONTROL AND ASSURANCE	LPSM										ALL	
	A0080	15401-0000	CONTRACTOR TESTING	LPSM										ALL	
	A0100	15501-0000	CONSTRUCTION SCHEDULE	LPSM										ALL	
	A0120	15703-1500	SOIL EROSION CONTROL, TEMPORARY SOIL TACKIFIER	ACRE				2.0						2.0	
	A0140	15705-0100	SOIL EROSION CONTROL, SILT FENCE	LNFT				2.435					65	2,500	
	A0160	15801-0000	WATERING FOR DUST CONTROL	MGAL		1,000								1,000	
	A0180	20301-0200	REMOVAL OF BOULDER	EACH		8								8	
	A0200	20301-0500	REMOVAL OF CATCH BASIN	EACH						2				2	
	A0220	20301-1900	REMOVAL OF PIPE CULVERT	EACH						12				12	
	A0240	20301-2400	REMOVAL OF SIGN	EACH							24			24	
	A0260	20302-0500	REMOVAL OF CURB, CONCRETE	LNFT		732							18	750	
	A0280	20302-1200	REMOVAL OF GUARDRAIL	LNFT		6,617							13	6,630	
	A0300	20302-1300	REMOVAL OF GUARDRAIL, CONCRETE BARRIER	LNFT		20							5	25	
	A0320	20315-0000	SAWCUTTING PAVEMENT	LNFT		294							6	300	
	A0340	20402-0000	SUBEXCAVATION	CUYD	5.062								48	5,110	
	A0360	20410-0000	SELECT BORROW	CUYD	3.758								42	3,800	
	A0380	20701-0100	EARTHWORK GEOTEXTILE, TYPE I-A	SOYD						602			18	620	
	A0400	20701-1200	EARTHWORK GEOTEXTILE, TYPE IV-A, NON-WOVEN	SOYD	8.918								32	8,950	
	A0420	20703-2000	GEOGRID, BIAXIAL	SOYD	5.336								14	5,350	
	A0440	21101-2000	ROADWAY OBLITERATION, METHOD 2	SOYD		160							10	170	
	A0460	25101-2000	PLACED RIPRAP, CLASS 2	CUYD						154			6	160	
	A0480	25101-3000	PLACED RIPRAP, CLASS 3	CUYD						17			3	20	
	A0500	30303-3000	ROADWAY RECONDITIONING	SOYD			586						14	600	
	A0520	30503-0000	AGGREGATE-TOPSOIL COURSE	CUYD		1,296							54	1,350	
	A0540	30801-2000	ROADWAY AGGREGATE, METHOD 2	CUYD	888								12	900	
	A0560	31001-0000	RECYCLED AGGREGATE BASE, 9" DEPTH	SOYD	2,782		4,800						33	7,615	
004	A0580	40101-5600	SUPERPAVE PAVEMENT, 1/2-INCH OR 3/4-INCH NOMINAL MAXIMUM SIZE AGGREGATE, 0.3 TO <3 MILLION ESAL											ITEM REVISED	
				TON	13,057		777						406	14,240	
004	A0600	40105-3000	ANTISTRIIP ADDITIVE, TYPE 3	TON	131		41						18	190	
	A0620	40401-0000	MINOR HOT ASPHALT CONCRETE	TON	1,238								62	1,300	
	A0640	41202-1000	TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H	GAL	15,942		961						37	16,940	
	A0660	41301-1200	ASPHALT PAVEMENT MILLING, 5-INCH DEPTH	SOYD	1,566								39	1,605	

Revised by amendment A004

SUMMARY OF QUANTITIES - Schedule B					STATE	PROJECT	SHEET
					WA	PRA OLYM 12(2)	NUMBER
					B.5		

A M E N D	Line Item No.	Pay Item Number	Pay Item Description	Unit	Sheet and Description										Estimated Quantities	Remarks and/or Determination of Estimated Quantity
					Section C	Section D	Section E	Section F	Section G	Section H	Section I	Section J	ALLOWANCE		Bid Schedule	
	B0020	15101-0000	MOBILIZATION	LPSM											ALL	
	B0040	15201-0000	CONSTRUCTION SURVEY AND STAKING	LPSM											ALL	
	B0060	15301-0010	CONTRACTOR QUALITY CONTROL AND ASSURANCE	LPSM												
	B0080	15401-0000	CONTRACTOR TESTING	LPSM											ALL	
	B0100	15501-0000	CONSTRUCTION SCHEDULE	LPSM											ALL	
	B0120	15703-1500	SOIL EROSION CONTROL, TEMPORARY SOIL TACKIFIER	ACRE				2.0							2.0	
	B0140	15705-0100	SOIL EROSION CONTROL, SILT FENCE	LNFT				2.435					65		2.500	
	B0160	15801-0000	WATERING FOR DUST CONTROL	MGAL		1,000									1,000	
	B0180	20301-0200	REMOVAL OF BOULDER	EACH		8									8	
	B0200	20301-0500	REMOVAL OF CATCH BASIN	EACH						2					2	
	B0220	20301-1900	REMOVAL OF PIPE CULVERT	EACH						17					17	
	B0240	20301-2400	REMOVAL OF SIGN	EACH							24				24	
	B0260	20302-0500	REMOVAL OF CURB, CONCRETE	LNFT		732							18		750	
	B0280	20302-1200	REMOVAL OF GUARDRAIL	LNFT		6,617							13		6,630	
	B0300	20302-1300	REMOVAL OF GUARDRAIL, CONCRETE BARRIER	LNFT		20							5		25	
	B0320	20315-0000	SAWCUTTING PAVEMENT	LNFT		294							6		300	
	B0340	20402-0000	SUBEXCAVATION	CUYD	5,062								48		5,110	
	B0360	20410-0000	SELECT BORROW	CUYD	3,758								42		3,800	
	B0380	20701-0100	EARTHWORK GEOTEXTILE, TYPE I-A	SOYD						879			21		900	
	B0400	20701-1200	EARTHWORK GEOTEXTILE, TYPE IV-A, NON-WOVEN	SOYD	8,918								32		8,950	
	B0420	20703-2000	GEOGRID, BIAXIAL	SOYD	5,336								14		5,350	
	B0440	21101-2000	ROADWAY OBLITERATION, METHOD 2	SOYD		160							10		170	
	B0460	25101-2000	PLACED RIPRAP, CLASS 2	CUYD						189			11		200	
	B0480	25101-3000	PLACED RIPRAP, CLASS 3	CUYD						40			10		50	
	B0500	25101-4000	PLACED RIPRAP, CLASS 4	CUYD						45			5		50	
	B0520	30303-3000	ROADWAY RECONDITIONING	SOYD			586						14		600	
	B0540	30503-0000	AGGREGATE-TOPSOIL COURSE	CUYD		1,296							54		1,350	
	B0560	30801-2000	ROADWAY AGGREGATE, METHOD 2	CUYD	888								12		900	
004	B0580	31001-0000	RECYCLED AGGREGATE BASE, 9" DEPTH	SOYD	2,782		4,800						33		7,615	ITEM REVISED
	B0600	40101-5600	SUPERPAVE PAVEMENT, 1/2-INCH OR 3/4-INCH NOMINAL MAXIMUM SIZE	TON												
	B0620	40105-3000	ANTISTRIP ADDITIVE, TYPE 3	TON	13,057		777						406		14,240	
	B0640	40401-0000	MINOR HOT ASPHALT CONCRETE	TON	131		41						18		190	ITEM REVISED
	B0660	41202-1000	TACK COAT GRADE CSS-1, CSS-1H, SS-1, OR SS-1H	GAL	1,238								62		1,300	
					15,942		961						37		16,940	
	B0680	41301-1200	ASPHALT PAVEMENT MILLING, 5-INCH DEPTH	SOYD	1,566								39		1,605	

Revised by amendment A004

PAVEMENT STRUCTURE QUANTITIES

LOCATION	40101-5600 SUPERPAVE PAVEMENT, 1/2" OR 3/4" NOMINAL MAXIMUM SIZE AGGREGATE, 0.3 TO < 3 MILLION ESAL (TON)	40205-3000- 40105-3000 ANTI-STRIP ADDITIVE TYPE 3 (TON)	41201-1000 TACK COAT GRADE CSS-1, CSS-1H, SS-1, or SS-1H (GAL)	41301-1200 ASPHALT PAVEMENT MILLING, 5-INCH DEPTH (SQYD)	41602-2000 CONTINUOUS COLD RECYCLED ASPHALT BASE COURSE, TYPE B, 3" DEPTH (SQYD)	41606-0000 EMULSIFIED ASPHALT (ENGINEERED) (TON)	41610-1000 FOG SEAL GRADE CSS-1, CSS-1H, SS-1 or SS-1H (TON)	41611-1000 BLOTTER (TON)
6+10.85 to 11+07.48	272.4	2.7	204	1011	0	0	0	0
11+07.48 to 272+00.00	12186.2	121.9	15076	0	75379	207.2	31.4	414.6
272+00.00 to 281+50.00	443.7	4.4	550	0	0	0	0	0
281+50.00 to 283+00.00	154.3	1.5	112	555	0	0	0	0
Total	13057	131	15942	1566	75379	208	32	415
Estimating Values	1.94 TON/CUYD	1.0% of Item 40101	0.10 GAL/SQYD	-	-	1.7% of Item 41602 by weight	0.10 GAL/SQYD, 240 GAL/TON	11 LBS/SQYD

SUBEXCAVATION AND BASE REHABILITATION QUANTITIES

Pavement Structure Repair Method	20402-0000 SUBEXCAVATION (CUYD)	20410-0000 SELECT BORROW (CUYD)	20701-1200 EARTHWORK GEOTEXTILE TYPE IV-A, NON-WOVEN (SQYD)	20703-2000 GEOGRID, BIAXIAL (SQYD)	30801-2000 ROADWAY AGGREGATE, METHOD 2 (CUYD)	31001-0000 RECYCLED AGGREGATE BASE, 9" DEPTH (SQYD)	40401-0000 MINOR HOT ASPHALT CONCRETE, 3" DEPTH (TON)	60502-0000 GEOCOMPOSITE UNDERDRAIN SYSTEM (LNT)
Full Width Subexcavation	5062	3758	5955	5336	888	0	789	1600
Base Rehabilitation	0	0	2963	0	0	2782	449	0
Total	5062	3758	8918	5336	888	2782	1238	1600

ITEM 60901-1700 CURB, CONCRETE, 18-INCH DEPTH

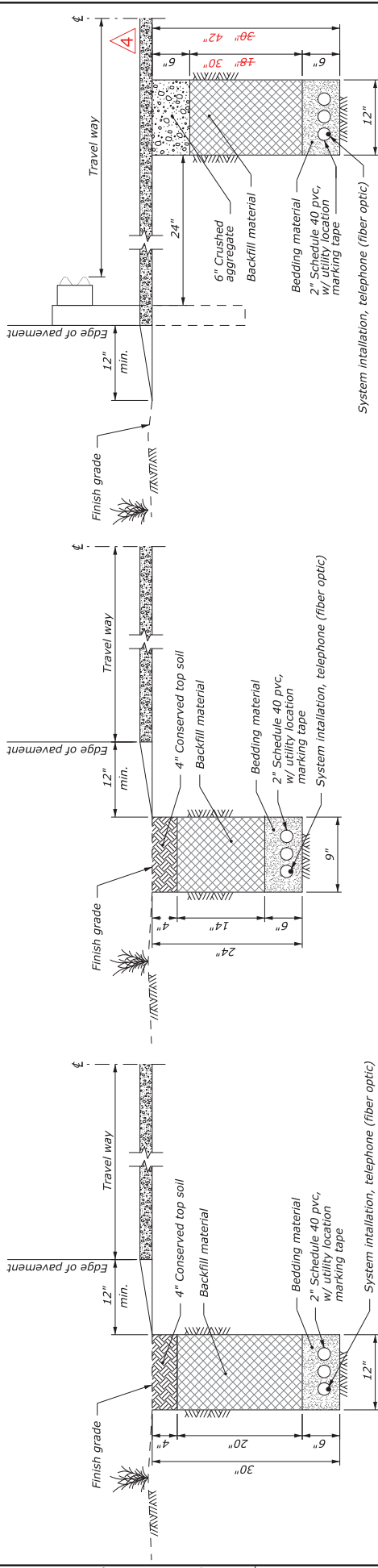
LOCATION	SIDE	LENGTH (LNFT)	BED COURSE MATERIAL (INFORMATION ONLY) (CUYD)	NOTES
9+40.00 to 10+42.00	LT	102	0.5	Island - Line B
119+00.00 to 120+67.00	LT	164	0.8	Under guardrail
165+01.00 to 167+15.00	LT	214	1.0	Under guardrail
195+48.00 to 198+07.00	LT	259	1.2	Under guardrail
202+60.00 to 205+56.00	RT	276	1.3	Under guardrail
203+00.00 to 206+07.40	LT	308	1.4	Under guardrail
220+32.00 to 223+11.00	LT	279	1.3	Under guardrail
231+50.00 to 233+84.80	LT	235	1.1	Under guardrail
282+11.60 to 282+98.70	RT	105	0.5	Heather Park
Total		1942	9.0	

ITEM 60902-1000 CURB AND GUTTER,
CONCRETE, 12-INCH DEPTH

LOCATION	LENGTH (LNFT)	BED COURSE MATERIAL (INFORMATION ONLY) (CUYD)	NOTES
9+37.00 to 10+46.00	150	2.8	Island
Total	150	2.8	

TABULATION OF TYPICAL
SECTION QUANTITIES

Revised by amendment A004



TRENCH DETAIL IN ROCK

TRENCH DETAIL

TRENCH DETAIL UNDER PAVEMENT

ITEM 63610-1600 CONDUIT, 2-INCH PVC	
LOCATION	QUANTITY (lnft)
7+20 to 10+10 Rt.	870
10+10 to 283+00 Lt.	81,870
TOTAL	82,740

ITEM 63622-0000 UTILITY TRENCH	
LOCATION	QUANTITY (lnft)
7+20 to 10+10 Rt.	290
10+10 to 283+00 Lt.	27,290
TOTAL	27,580

FOOTNOTE:

4 To be used in turnout sections and under pavement. Final location to be determined by the CO. To be used in turnout sections and under pavement in limited locations with approval of the CO.

2 Conduit for fiber optic cable is paid for separately

ITEM 63601-3100 SYSTEM INSTALLATION, TELEPHONE (FIBER OPTIC) (LPSM)	
ALL	

CONCRETE UTILITY VAULT DETAIL

4 Revised by amendment A004

NO SCALE

UTILITY TRENCH DETAILS