



Clallam County Public Works/Road Department

223 E. Fourth St., Suite 6

Port Angeles, WA 98362-3000

360-417-2379 Fax: 360-417-2513 E-mail: roads@co.clallam.wa.us

DATE: September 21, 2021

ATTENTION: ALL BIDDERS AND PLANHOLDERS

SEQUIM-DUNGENESS WAY & WOODCOCK ROAD ROUND-ABOUT, CRP# C1257

ADDENDUM NO. TWO (2)

You are hereby notified of the following changes in the plans and specifications for the above referenced project.

Item No. 1

In the “**DESCRIPTION OF BID ITEMS**” the bid item “**PULVERIZED PAVEMENT AND PULVERIZED PAVEMENT EACH ADDITIONAL INCH PER SQUARE YARD**” starting on page 56 and continuing onto page 57, under the “Construction Requirements” subsection the last sentence of the first paragraph in said subsection (as detailed in red strike through text) is to be deleted. The last paragraph of the same subsection is to be revised as shown:

PULVERIZED PAVEMENT AND PULVERIZED PAVEMENT EACH ADDITIONAL INCH PER SQUARE YARD

Description

This work consists of pulverizing the existing asphalt surfacing within the sawcut and project limits indicated on the drawings and where directed by the Engineer. The work shall include pulverizing existing asphalt pavement, and for loading, hauling, stockpiling (if needed), regrading, and compaction of the pulverized pavement within the Crushed Surfacing Base Course layer. Existing asphalt pavement may consist of Bituminous surface treatment as well as asphalt concrete.

Construction Requirements

Prior to removal of the asphalt, the Contractor shall use a vertical cut to delineate the areas of pavement removal from those areas of pavement to remain. The equipment and procedures used to make the vertical cut shall be approved by the Engineer. All damage caused by the Contractor's operations to portions of the asphalt to remain shall be repaired by the Contractor at no expense to the County and to the satisfaction of the Engineer. The thickness of the pavement on the County Road is between four and ten inches thick. ~~There is an estimated 1575-square-yards-of-roadway-asphalt-surfacing-to-be-pulverized-on Black Diamond Road and 3510-square-yards-of-roadway-asphalt-surfacing-to-be-pulverized-on Priest Road.~~

Existing asphalt surfacing within the project limits shall be pulverized by a method that does not remove excessive amounts of underlying gravel or soils (as determined by the Engineer). Pulverization shall be done with heavy equipment designed for the purpose of road pulverization. Breaking pavement by using equipment tracks or by scarifying is not considered adequate.

95% of the pulverized material shall pass a 3” sieve. Pieces larger than 6” shall not be used in the crushed surfacing base course layer. Acceptance of the gradation will be based on visual inspection by the engineer.

The pulverized pavement shall be incorporated into the crushed surfacing base course layer as shown on the plans. The Contractor shall haul, place, and compact the pulverized pavement directly into the crushed surfacing base course layer or temporarily place the pulverized pavement in a stockpile on site. The pulverized pavement shall be mixed and blended with imported crushed surfacing base course to eliminate localized concentrations of pulverized asphalt. Pulverized pavement shall be confined to the drive lanes of the rebuilt road to the extent feasible as determined by the Engineer. Disposing of asphalt on privately owned property is not allowed. Construction methods used shall meet the applicable requirements of Section 4-04.3.

Pulverization shall be sequenced so that traffic remains on the existing pavement for as long as possible. The Contractor shall notify the Engineer at least 5 working days prior to scheduling the pulverizing work. Once the asphalt surfacing is pulverized, the traveled way shall be graded regularly by the Contractor, at no cost to the County, for the duration of the project to maintain a pot-hole free, rut free surface. If supplemental surfacing material is needed to provide a smooth surface, this material shall be provided by the Contractor at no cost to the County.

Note: ~~Due to requirements in this contract, it may not be possible to pulverize pavement at both construction sites back to back. Therefore,~~ All costs associated with accommodating the contract requirements (such as mobilization of pulverization equipment) shall be included in the unit bid prices for ~~each project site for the bid item.~~

Measurement

A new Section 2-02.4 is added:

“Pulverized Pavement” will be measured by the square yard up to 4” deep. If the Engineer orders the pulverization process to extend deeper than 4”, each additional inch beyond 4” will be measured and paid separately.

Payment

Section 2-02.5 is supplemented with the following:

The contract unit price per square yard up to 4” deep for “Pulverized Pavement” shall be full pay for all material, labor, tools, equipment, and incidentals required for completing the work as specified including mobilizations, remobilizations, pulverizing, watering, loading, hauling, stockpiling, rehauling, grading, spreading, blending, and compacting the material within the ~~gravel~~ base layer.

If the Engineer orders the pulverization process to extend deeper, additional payment will be made for each additional inch beyond 4” under the item “Pulverization, Each Additional Inch”. Payment for “Pulverization Each Additional Inch” shall include all elements of pulverization that apply to the first 4 inches.

Item No.2

Bid item #9 quantity for “**CRUSHED SURFACING BASE COURSE INCL. HAUL**” is to be increased from 2,800 cubic yards (CY) to 3,310 cubic yards (CY).

Item No.3

Bid item #3 description to be changed from “HMA 3/8 IN PG 64-22” to “**HMA 1/2 IN PG 64-22**”. Quantity and unit to remain unchanged.

Item No.4

The fifth paragraph in the the Special Provision “**MEASUREMENT OF EARTHWORK**” as presented on page 42 of the project Specifications is revised as follows:

MEASUREMENT OF EARTHWORK

Measurement

Section 2-03.4 is supplemented with the following:

Earthwork quantities will be computed, either manually or by means of electronic data processing equipment, by use of the average end area method or by the finite element analysis method utilizing digital terrain modeling techniques. If discrepancies are discovered or if adjustments are made by the Engineer after the award of this contract that materially affect the quantities of earthwork the bid quantities will be adjusted accordingly.

“ROADWAY EXCAVATION INCLUDING HAUL” shall be measured for payment by the cubic yard in place as determined by the original ground elevations recorded previous to the award of this contract and on the alignment, profile, grade and roadway section as shown on the plans and as staked by the Engineer. Only one determination of the original ground elevations and subsequent quantities will be made on this project unless discrepancies are discovered in the ground elevations or adjustments are made by the Engineer which will materially affect the quantities of earthwork in which case the original computations of earthwork quantities will be adjusted accordingly. A copy of the ground cross section notes will be available for the bidder's inspection, before the opening of bids, at the office of the County Engineer at the Clallam County Courthouse. Upon award of the contract a copy of the original ground cross sections will be furnished the successful bidder on request to the County Engineer.

Subgrade Excavation will be measured by the cubic yard in its original position by cross sectioning as specified under "SUBGRADE EXCAVATION INCLUDING HAUL".

Crushed Surfacing Base Course used for construction of the road bed/subgrade shall be measured for payment by the cubic yard in place, after compaction, as determined by the neat lines as defined on the plans, except that Crushed Surfacing Base Course quantities will be reduced as follows: The volume of pulverized pavement shall be calculated from the measurement obtained for depth during pulverizing and the square yards of material pulverized. This amount, converted to cubic yards, shall be the amount deducted from the Crushed Surfacing Base Course quantity.

NOTE: The total neat line quantity for Crushed Surfacing Base Course was ~~calculated to be 2,750~~ determined by digital terrain modeling comparing the existing ground elevations (Topo provided by County survey crew) to the proposed road cross section model, plus fill to reach proposed subgrade (where applicable). For bidding purposes total neat line volume for Crushed Surfacing Base Course based on the proposed road cross section and fill to reach subgrade was determined to be 3,310 cubic yards. Measurement for payment will consist of the neat line volume (3,310 CY) plus additional fill needed to build up to subgrade due to clearing and grubbing/earthwork/excavation as directed by the Engineer. The additional volume(s) will exclude cubic yards identified under bid items “UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL” and “SELECT BORROW FOR UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL”. Following clearing and grubbing and prior to filling to road subgrade (as needed and where applicable) the County survey crew will map and topo the limits and elevations of earthwork to determine the volume of additional crushed surfacing base course to meet road subgrade, which will be added onto the neat line bidding volume. The estimated quantity of pulverized asphalt is estimated to be ~~750~~ 7,000 square yards or approximately 780 cubic yards. Therefore, it is estimated that ~~2,000~~ 2,530 cubic yards of Crushed Surfacing Base Course will be the final pay quantity.

Crushed Surfacing Base Course used for construction of approaches shall be measured for payment by the cubic yard in place, after compaction, by field estimated neat line dimensions.


Select Borrow will be measured by the cubic yard (CY) as measured in the ground and compacted in place.

****** Please note that the blue text calls out changes made under Addendum #1 and red/red strikethrough text details changes made for Addendum #2 ******

Item No.5

See attached Terra Technologies plan set (3 sheets dated 06/11/21) for Lumen relocation of utilities. All work will be done by Lumen contractors only. The provided plans are information only. Relocation work will occur during construction of the County road project. Coordination of work with the Lumen contractor will be the responsibility of the contractor awarded the County contract.

All bidders will be required to furnish the Clallam County Engineer with evidence of receipt of this addendum, as provided for on the proposal signature sheet. This addendum will be incorporated in and made part of the contract when awarded and when formally executed.



Ross Tyler, P.E.
Clallam County Engineer

2nd REVISED BID PROPOSAL
SEQUIM-DUNGENESS WAY/WOODCOCK ROAD ROUND ABOUT
CRP C1257

To the Board of County Commissioners of Clallam County Port Angeles, Washington

Gentlemen:

This certifies that the undersigned has examined the Contract Plans and Specifications for this improvement project, and has examined the location of

Sequim-Dungeness Way (#95250) at milepost 2.52 and Woodcock Road
 (#95000) at milepost 4.54

included within said improvement project. The signatory on the Proposal Signature Page further certifies that he/she understands the plans, specifications and contract governing the work embraced in this improvement, and the method by which payment will be made for said work. Unanticipated financial constraints on the part of the County may result in curtailment or limiting of this improvement project to as much of the work as can be completed with the money available. The undersigned hereby proposes to undertake and complete the work embraced in this improvement project in accordance with the said plans, specifications and contract, and the following schedule of rates and prices:

NOTE: Unit Prices and Unit Totals for all items, and the Bid Total shall be shown, and shall be shown in figures only. Figures written to the right of the dot (decimal) in the Unit Price and Unit Total columns shall be interpreted as cents. Unit prices shall include sales tax. All entries must be typed or entered in ink. If a discrepancy exists between the Unit Price and the Unit Total, the Unit Price will control.

NO.	APRX. QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
1	1	LS	MOBILIZATION	.	.
2	1	LS	PROJECT TEMPORARY TRAFFIC CONTROL	.	.
3	1,930	TONS	HMA 3/8 IN. PG 64-22 HMA 1/2 IN. PG 64-22	.	.
4	6,800	SY	SOIL RESIDUAL HERBICIDE	.	.
5	3,500	CY	ROADWAY EXCAVATION INCL. HAUL	.	.
6	600	CY	EMBANKMENT COMPACTION	.	.
7	800	CY	UNSUITABLE FOUNDATION EXCAVATION INCL. HUAL	.	.
8	1,460 800	TONS CY	SELECT BORROW FOR UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL	.	.
9	2,800 3,310	CY	CRUSHED SURFACING BASE COURSE INCL. HAUL	.	.
10	1	LS	PERMANENT SIGNING	.	.
11	400	SF	LOCK BLOCK RETAINING WALL	.	.

2nd REVISED BID PROPOSAL

NO.	APRX. QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
12	5,540	LF	PAINT LINE	.	.
13	120	LF	WIDE DOTTED ENTRY LINE	.	.
14	1	LS	RAISED PAVEMENT MARKER TYPE 2	.	.
15	730	LF	CEMENT CONCRETE CURB AND GUTTER	.	.
16	350	LF	CEMENT CONCRETE TRAFFIC CURB	.	.
17	1	LS	HYDRO SEEDING AND MULCHING	.	.
18	1	LS	TESC PLAN	.	.
19	7,000	SY	PULVERIZE PAVEMENT (ASSUME 4" THICK EXISTING)	.	.
20	2	IN	PULVERIZE PAVEMENT EACH ADDITIONAL INCH PER SY	.	.
21	1	AC	CLEARING AND GRUBBING	.	.
22	1	LS	SPCC PLAN	.	.
23	90	DAY	ESC LEAD	.	.
24	550	LF	UTILITY TRENCHING	.	.
25	575	LF	REPLACE FENCING OUTSIDE OF RIGHT OF WAY	.	.
26	1	LS	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	.	.
27	2	EA	48" DIA. PRECAST DRY WELL TYPE 1	.	.
28	50	CY	STRUCTURE EXCAVATION CLASS B INCLUDING HAUL	.	.
29	30	HRS	LABOR FOR ROAD SIDE CLEAN UP	.	.
30	30	HRS	MACHINERY FOR ROAD SIDE CLEANUP	.	.
31	320	LF	12" DIA CORRUGATED HDPE CULVERT	.	.
32	300	SY	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	.	.
33	2,475	SF	SHORING AND EXTRA EXCAVATION CLASS B	.	.
			TOTAL		.

Clallam County
Sequim, WA

Sequim-Dungeness Way @ Woodcock Rd R-A-B

Plans Prepared For:

LUMEN[®]

Plans Prepared By:



TT Eng: Phil Stevens
Phone: 360-970-4902
E-mail: pstevens@terratechllc.net
TT #: TERR-1003413
http://www.terratechllc.net

Lumen Civil Base Map



PROJECT LOCATION

INDEX OF SHEETS

- 1 Cover Sheet
- 2 Legend
- 3 Lumen Relocation Plan

Estimated % Design Drawings: unk%

Jurisdiction File Name: LUMEN SITE PLAN (061021).pdf
Received file from Jurisdiction Date: 6-10-2021

Civil Base Map Color Key:

- Existing Facilities**
- Conflict Mitigation Action (Proposed Facilities)**
- Additional Information Needed/Notes**

LOCATION MAP ↑
NOT TO SCALE N

NOTES:

ALL EXISTING AND PROPOSED CONDITIONS ARE BASED ON INFORMATION PROVIDED BY OTHERS. LUMEN CANNOT BE RESPONSIBLE FOR THE ACCURACY OF INFORMATION AND/OR PLANS PROVIDED BY OUTSIDE PARTIES. FACILITY LOCATIONS, DEPTHS AND ELEVATIONS SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

PROPOSED DESIGN MODIFICATIONS ARE RECOMMENDATIONS ONLY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.



Know what's below.
Call before you dig.

FOR REFERENCE ONLY

















CTL JOB: N.816346
GEO CODE:
WC CLLI: SEQMWA01
ENGINEER: MARCUS BUFFORD
PHONE: 360-626-0266
EMAIL: MARCUS.BUFFORD@CENTURYLINK.COM
CPA: MEL HOLLAND
PHONE: 360-478-5740
EMAIL: MEL.HOLLAND@LUMEN.COM

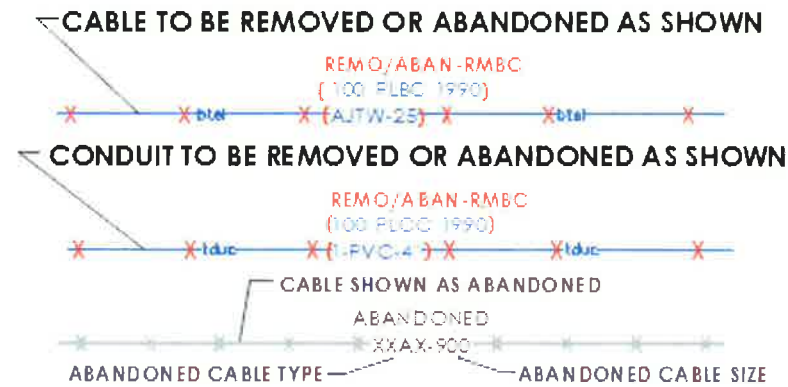
REV.	DATE	DESCRIPTION
1	6-11-21	Initial TT Draft Issued
SHEET 1 of 3 DATE: 6-11-21		

Sheet
1
of 3

Legend

-  Existing Lumen pedestal
-  New Lumen pedestal
-  Existing Lumen pedestal to be removed
-  Existing Lumen SAI (serving area interface)
-  New Lumen SAI (serving area interface)
-  Existing Lumen SAI to be removed or abandoned
-  Existing Lumen cable or conduit to be removed or abandoned
-  Existing Lumen handhole
-  New Lumen handhole
-  Existing Lumen handhole to be removed
-  Existing Lumen manhole (various sizes)
-  New Lumen manhole (various sizes)
-  Existing Lumen double lidded manhole (various sizes)
-  New Lumen double lidded manhole (various sizes)
-  Existing Lumen manhole to be removed or abandoned (all sizes and types)
-  Existing Lumen power pedestal
-  New Lumen power pedestal
-  Existing Lumen repeater
-  New Lumen repeater
-  Existing Lumen repeater to be removed
-  Existing Lumen cool ped. - fiber/electronics
-  New Lumen cool ped. - fiber/electronics
-  Existing Lumen RT (remote terminal)
-  New Lumen RT (remote terminal)
-  Existing Lumen pole
-  New Lumen pole
-  Existing Lumen pole to be removed
-  Existing Lumen down guy and anchor
-  New Lumen down guy and anchor
-  New Lumen sidewalk down guy and anchor
-  Existing joint use pole
-  New joint use pole
-  Existing foreign owned (e.g. power)
-  New foreign owned (e.g. power)
-  Existing power company down guy and anchor
-  Existing leased pole
-  New leased pole

-  Existing buried fiber optic
-  New buried fiber optic
-  Existing aerial fiber optic
-  New aerial fiber optic
-  Existing overhead telephone line
-  New overhead telephone line
-  Existing buried telephone line
-  New buried telephone line
-  Existing telephone duct run
-  New telephone duct run
-  Existing buried service wire
-  New buried service wire
-  Existing aerial service wire
-  New aerial service wire
-  Existing buried splice
-  New buried splice



Abbreviations

- ct. Count
- pr. Pair
- pp Pending Placement
- ug. Underground

Project Details

Narrative/Special Remarks:

This project proposes to relocate a Lumen SAI cabinet and a Pedestal. Old SAI will become a splice in a vault.

The county of Clallam will be protecting in place the following Lumen facilities within the project limits:

- manhole (old & new)
- all buried and UG cables
- easement with cabinets and new SAI. County to build retaining wall, drainage, steps, and truck access to RAB easement site.

Construction Sequencing Description Regarding Lumen Relocation Scope and Jurisdiction Project Construction:

Lumen's relocation scope is planned to occur prior to Jurisdiction's Construction Start Date.

Temporary Facilities:

There are no planned temporary facilities as part of Lumen's relocation scope.

Notes

1. ALL DUCT ELEVATIONS ARE BASED ON POT HOLE INFORMATION, UNLESS NOTED OTHERWISE AND HAVE BEEN PROVIDED BY OTHERS. ELEVATIONS SHOWN ARE TOP OF DUCT. DEPTHS SHOWN ARE DISTANCE BELOW EXISTING FINISHED GRADE.

2. PROPOSED FAULT AND DUCT LOCATIONS SHALL BE FIELD VERIFIED AGAINST EXISTING AND PROPOSED UTILITIES. ENGINEER IN CHARGE DURING CONSTRUCTION SHALL BE NOTIFIED OF CONFLICTS.

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The technology presented in this material is protected under various U.S. and international patents and pending patent applications, including without limitation U.S. Patent Nos. 7,271,140; 8,016,518; and 8,061,934.

Lumen Civil Base Map

Project No. _____ Date: _____ File: _____



LUMEN®

PERMITS NEEDED: _____

CTL ENGINEER: _____
PHONE: _____
E-MAIL: _____
ISSUE #: _____ ISSUE DATE: ___/___/___

CTL JOB: E. _____
WC CLLI: _____
GEO CODE: _____
OSP-FM SH _____

Sheet
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SEQUIM-DUNGENESS WAY & WOODCOCK ROAD ROUND-ABOUT

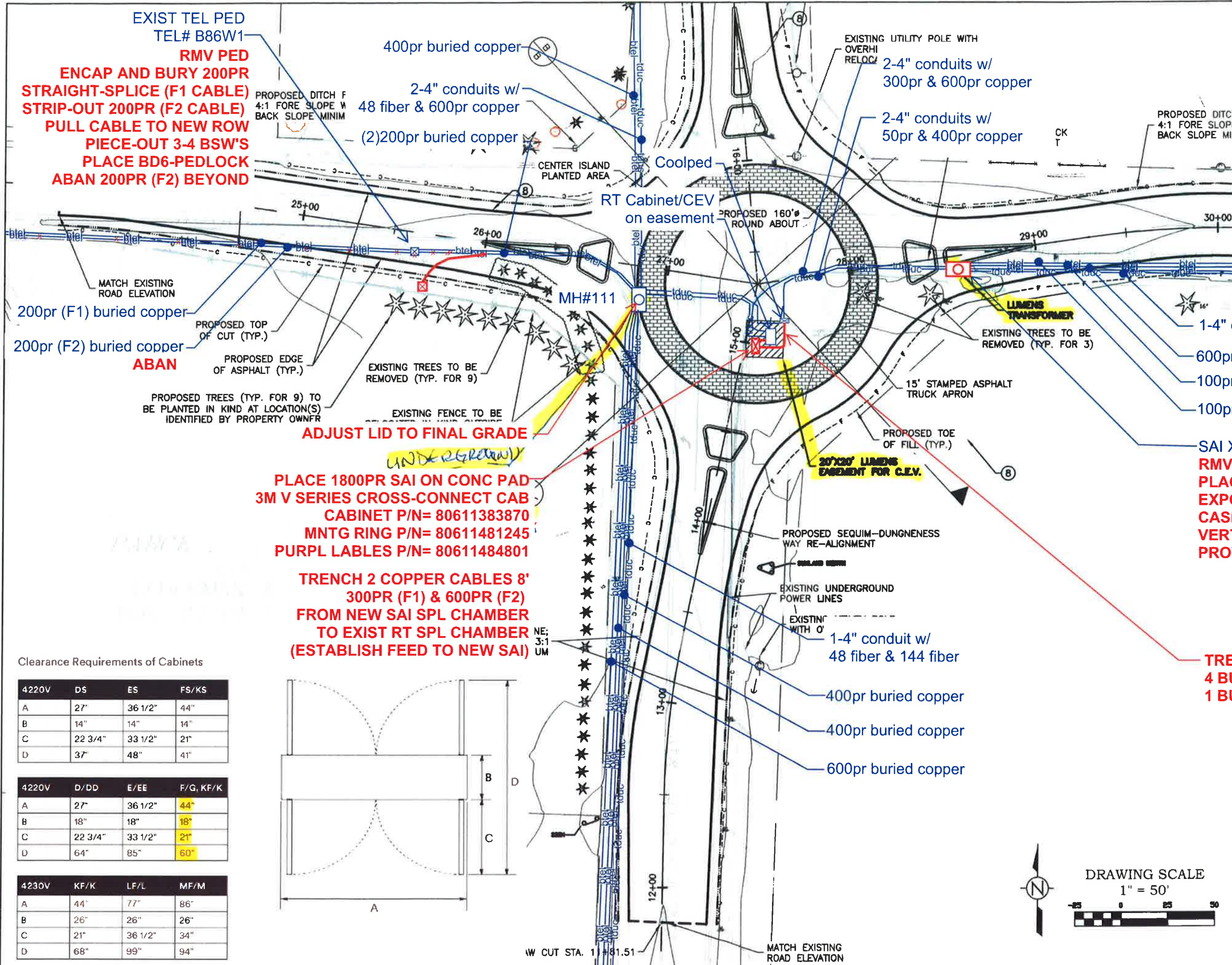
**SEQUIM-DUNGENESS WAY
#95250 MP 2.52
WOODCOCK ROAD #95000
MP 4.54, #52500 MP 0.00**

Sec. 5, 6, 7, 8, in T30N, R3W, W.M.

ELEVATION DATUM: WASHINGTON COORDINATE SYSTEM GRID, NORTH ZONE, DATUM OF 1983, 1991, ADJ. FROM TIES TO GEDNET STA. 03300711, 03300741, 03300730

CONSTRUCTION SITE PLAN (GENERAL)

CONSTRUCTION NOTES



EXIST TEL PED
TEL# B86W1
**RMV PED
ENCAP AND BURY 200PR
STRAIGHT-SPLICE (F1 CABLE)
STRIP-OUT 200PR (F2 CABLE)
PULL CABLE TO NEW ROW
PIECE-OUT 3-4 BSW'S
PLACE BD6-PEDLOCK
ABAN 200PR (F2) BEYOND**

200pr (F1) buried copper
200pr (F2) buried copper
ABAN

PROPOSED TREES (TYP. FOR 9) TO BE PLANTED IN KIND AT LOCATION(S) IDENTIFIED BY PROPERTY OWNER

ADJUST LID TO FINAL GRADE

UNDERGROUND

**PLACE 1800PR SAI ON CONC PAD
3M V SERIES CROSS-CONNECT CAB
CABINET P/N= 80611383870
MNTG RING P/N= 80611481245
PURPL LABELS P/N= 80611484801**

**TRENCH 2 COPPER CABLES 8'
300PR (F1) & 600PR (F2)
FROM NEW SAI SPL CHAMBER
TO EXIST RT SPL CHAMBER
(ESTABLISH FEED TO NEW SAI)**

1-4" conduit (vac?)
600pr buried copper
100pr buried copper
100pr buried copper

**SAI X 5300 Woodcock
RMV SAI CABINET AND CONC PAD -
PLACE W/3-PIECE 5106TA VAULT -
EXPOSE CABLES AS NEEDED.
CASE UP SPLICES
VERT. & HORIZ. CONTROL TO BE
PROVIDE BY COUNTY**

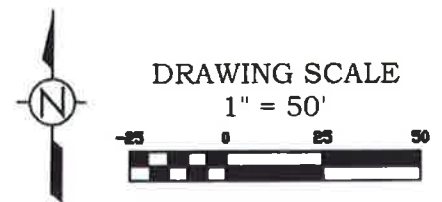
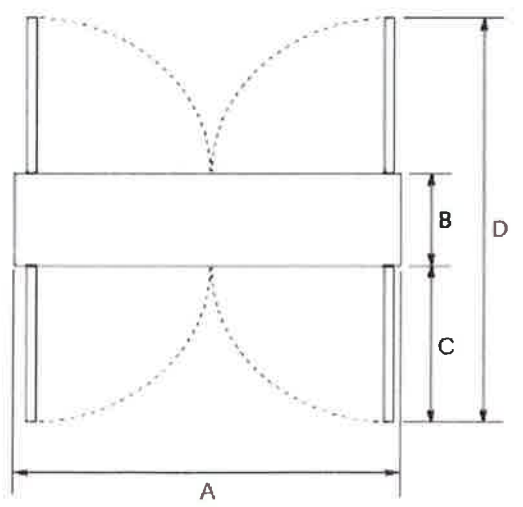
**TRENCH 5 CABLES 25'
4 BURIED 100PR CAT5 COPPER
1 BURIED 50PR COPPER**

Clearance Requirements of Cabinets

4220V	DS	ES	FS/KS
A	27"	36 1/2"	44"
B	14"	14"	14"
C	22 3/4"	33 1/2"	21"
D	37"	48"	41"

4220V	D/DD	E/EE	F/G, KF/K
A	27"	36 1/2"	44"
B	18"	18"	18"
C	22 3/4"	33 1/2"	21"
D	64"	85"	60"

4230V	KF/K	LF/L	MF/M
A	44"	77"	86"
B	26"	26"	26"
C	21"	36 1/2"	34"
D	68"	99"	94"



CLALLAM COUNTY

**ROSS TYLE
COUNTY ENGINEER**

DRAWN BY N. DOSTIE, PE
REVIEWED BY J. HONIST, PE

SHEET 2

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of 3

TRANSMITTAL

Date: 09/21/2021
To: Bidders and Planholders of the: **SEQUIM-DUNGENESS WAY & WOODCOCK ROAD ROUND-ABOUT, CRP C1257**
From: Clallam County Public Works Department
Subject: Addendum No. Two (2)

Total number of pages 10 (including this page).

Comments:

Please acknowledge receipt of this fax, **whether or not you intend to enter a bid**, either by filling in the space provided below and faxing this page to (360) 417-2513 or by calling (360) 417-2319. Acknowledgement of the Addendum on the signature sheet of the Proposal is still required. Thank you for your assistance.

Company Name (please print)

Signature

Date