MOUNTAIN VIEW ROAD PIPELINE PROJECT
ISSUED FOR BIDDING
MOUNT VERNON, SKAGIT COUNTY, WA
P.N. 3673
CO 4963
DECEMBER 12, 2019

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### DISTRICT STANDARD GENERAL NOTES

1. **Unapproved otherwise:** All work is to be performed in accordance with the most current applicable District, State, Local, and Federal regulations, codes, standards, specifications, and practices. 

2. The Contractor shall provide a pre-construction conference with the District Engineer and appropriate representatives of all adjacent utilities. No work is to be performed without the District’s written permission.

3. The Contractor shall be responsible for clearing and excavating within the roadway area for the new utility lines to be installed. Operations shall be coordinated with the District, adjacent utilities, and adjacent property owners prior to construction. The Contractor is responsible for any damages to the existing utilities or adjacent property and for the restoration of any damaged area prior to project completion.

4. During construction, the Contractor shall be responsible for coordinating and controlling traffic operations as required by applicable State and Local codes and the district.

5. The Contractor shall assure that all utility lines and facilities are protected during construction, and all materials used shall be of high quality and workmanship.

6. The Contractor shall be responsible for all backfilling and compacting of backfill materials to the appropriate density. The Contractor shall provide all required materials and labor to ensure proper compaction and placement of backfill materials.

7. The Contractor shall be responsible for all associated site improvements, including the installation of new pavement, curbs, gutters, and sidewalks.

8. The Contractor shall be responsible for coordinating with all applicable agencies and authorities to ensure compliance with all regulatory requirements.

9. The Contractor shall be responsible for all necessary permits and approvals, including but not limited to: construction permits, traffic control permits, and public utility permits.

10. The Contractor shall be responsible for all necessary inspections, including but not limited to: utility line inspections, pavement inspections, and site improvement inspections.

11. The Contractor shall be responsible for all necessary testing, including but not limited to: hydrostatic pressure tests, soil testing, and material testing.

12. The Contractor shall be responsible for all necessary approvals, including but not limited to: utility line approvals, pavement approvals, and site improvement approvals.

13. The Contractor shall be responsible for all necessary notifications, including but not limited to: construction notifications, traffic control notifications, and public utility notifications.

14. The Contractor shall be responsible for all necessary compliance, including but not limited to: regulatory compliance, code compliance, and quality control compliance.

15. The Contractor shall be responsible for all necessary documentation, including but not limited to: construction documentation, project documentation, and site improvement documentation.

16. The Contractor shall be responsible for all necessary communication, including but not limited to: communication with the District, adjacent utilities, and adjacent property owners.

17. The Contractor shall be responsible for all necessary coordination, including but not limited to: coordination with the District, adjacent utilities, and adjacent property owners.

18. The Contractor shall be responsible for all necessary coordination with the public, including but not limited to: public information, public education, and public outreach.

19. The Contractor shall be responsible for all necessary reporting, including but not limited to: project reporting, construction reporting, and site improvement reporting.

20. The Contractor shall be responsible for all necessary quality control, including but not limited to: material quality control, construction quality control, and site improvement quality control.

21. The Contractor shall be responsible for all necessary quality assurance, including but not limited to: material quality assurance, construction quality assurance, and site improvement quality assurance.

22. The Contractor shall be responsible for all necessary training, including but not limited to: employee training, contractor training, and project training.

23. The Contractor shall be responsible for all necessaryrecordkeeping, including but not limited to: project recordkeeping, construction recordkeeping, and site improvement recordkeeping.

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MOUNTAIN VIEW ROAD PIPELINE PROJECT
PUBLIC UTILITY DISTRICT NO. 1 OF SKAGIT COUNTY
1415 Freeway Drive
P.O. Box 1436
Mount Vernon, WA 98273
(360) 424-7104
www.SkagitPud.org

DSGN BY: CJS
DWN BY: JLB
APPVD BY: MCH

TWP: 34 N
SEC: RGE: 4 E

DATUM: HOR: NAD 83
VERT: NAVD 88

DATE PRINTED:

ISSUE:

1. 30% DESIGN
MCH 4/5/19
2. 60% DESIGN
MCH 7/12/19
3. 90% DESIGN
MCH 9/20/19
4. ISSUED FOR BIDDING
MCH 12/12/19

MOUNTAIN VIEW ROAD PLAN AND PROFILE
STA 12+50 TO STA 18+00

750 LF OF 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT

MATCHLINE STA. 18+00
SHEET 8

VERS. SCALE: 1"=20'

BREAKLINE STA15+50
SHEET 6

12" CMP CULV.
IE: 394.6'

12" CMP CULV.
IE: 387.5'

12" CMP CULV.
IE: 377.2'

12" CMP CULV.
IE: 372.7'

12" CPE CULV.
IE: 375.0'

12" CPE CULV.
IE: 372.4'

PROPOSED 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT

RENEW EX. SERVICES AT:

STA ADDRESS PSI
13+58 16112 MOUNTAIN VIEW RD 71.9
14+78 16103 MOUNTAIN VIEW RD 77.1
15+06 16104 MOUNTAIN VIEW RD 80.5

CONTRACTOR: PROPOSED METER AND SERVICE LINE RELOCATION

CONTRACTOR TO TEMPORARILY RELOCATE AND REINSTALL MAILBOX
MOUNTAIN VIEW ROAD PIPELINE PROJECT
PUBLIC UTILITY DISTRICT NO. 1 of SKAGIT COUNTY
1415 Freeway Drive
P.O BOX 1436
Mount Vernon, WA 98273
(360) 424-7104
www.SkagitPud.org

DSGN BY: CJS
DWN BY: JLB
APPVD BY: MCH
TWP: 34 N
SEC: 23
RGE: 4 E
DATUM: HOR: NAD 83
VERT: NAVD 88
DATE PRINTED: 4/5/19

Know what's below. Call before you dig.

R C.O. 4963
P.N. 3673
OF 19

1. 30% DESIGN
MCH 4/5/19

2. 60% DESIGN
MCH 7/12/19

3. 90% DESIGN
MCH 9/20/19

4. ISSUED FOR BIDDING
MCH 12/12/19

MOUNTAIN VIEW ROAD PLAN AND PROFILE
STA 28+50 TO STA 33+50
500LF OF 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT

MATCHLINE STA. 33+50
SHEET 11

MATCHLINE STA. 28+50
SHEET 9

24" CMP CULV.
IE: 229.1'

24" CMP CULV.
IE: 226.7'

24" CMP CULV.
IE: 226.3'

24" CMP CULV.
IE: 225.1'

24" CMP CULV.
IE: 223.2'

24" CMP CULV.
IE: 220.8'

24" CMP CULV.
IE: 218.8'

24" CMP CULV.
IE: 216.7'

24" CMP CULV.
IE: 218.5'

24" CMP CULV.
IE: 215.8'

PROPOSED 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT

SCALE: 1"=20'

CONTRACTOR:
1-12" DI FLxMJ ADAPTER(S)
1-12" DI BF VALVE, FLxMJ(N)
1-HYDRANT ASSEMBLY*
RESTRAIN ALL JOINTS
*TO BE PAINTED BLUE FOR HIGH PRESSURE

CONTRACTOR TO PROTECT EX. MAILBOX

RESTRAIN JOINT PIPE

STA. 30+14, 12' RT

CONTRACTOR:

SCALE: 1"=20'
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PROJECT
PUBLIC UTILITY DISTRICT
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1415 Freeway Drive
P.O BOX 1436
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DSGN BY: CJS
DWN BY: JLB
APPVD BY: MCH

TWP: 34 N
SEC: 23
RGE: 4 E

DATUM: HOR: NAD 83
VERT: NAVD 88

DATE PRINTED:

1. 30% DESIGN
   MCH
   4/5/19
2. 60% DESIGN
   MCH
   7/12/19
3. 90% DESIGN
   MCH
   9/20/19
4. ISSUED FOR BIDDING
   MCH
   12/12/19

MOUNTAIN VIEW ROAD
PLAN AND PROFILE
STA 38+50 TO STA 43+50
500LF OF 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT

MATCHLINE STA. 43+50
SHEET 13

MATCHLINE STA. 38+50
SHEET 11

40'
60'
60'

VERT. SCALE: 1"=5'

40'
30'

BREAKLINE STA 41+00
18" CMP CULV.
IE: 223.9'

18" CMP CULV.
IE: 227.0'

24" CMP CULV.
IE: 215.5'

12" CMP CULV.
IE: 250.4'

12" CMP CULV.
IE: 256.0'

12" CMP CULV.
IE: 263.2'

12" CMP CULV.
IE: 266.4'

18" CPE CULV.
IE: 258.8'

18" CPE CULV.
IE: 263.2'

12" CMP CULV.
IE: 263.2'

PROPOSED 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT

12" HPRA 40' RT CONTRACTOR:
1-HYDRANT ASSEMBLY *
RESTRAIN ALL JOINTS
*TO BE PAINTED BLUE FOR HIGH PRESSURE

RESTRAINED JOINT PIPE STA. 43+18

CONTRACTOR TO TEMPORARILY RELOCATE AND REINSTALL MAILBOX
CONTRACTOR TO PROTECT EX. MAILBOX

SCALE: 1"=20'
1. 30% DESIGN MCH 4/5/19
2. 60% DESIGN MCH 7/12/19
3. 90% DESIGN MCH 9/20/19
4. ISSUED FOR BIDDING MCH 12/12/19

MOUNTAIN VIEW ROAD PLAN AND PROFILE
STA 43+50 TO STA 49+00

538LF OF 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT

MATCHLINE STA 49+00

SHEET 14

30' 40'

VER. SCALE: 1"=5'

Breakline STA 46+00

Proposed 12" C909 PVCO CL235 Pipe w/ 4" HDPE IPS SDR11 Fiber Conduit

STA 45+97

MATCHLINE STA 43+50

SHEET 12

30' 30'

12" Conc Culv. IE: 300.2'

18" Conc Culv. IE: 301.5'

Contractor:
1-12" DI ELL, 11.25° MJ
Restrain All Joints

STA 44+78.5, 17' RT

Contractor:
1-12" DI ELL, 11.25° MJ
Restrain All Joints

STA 43+78.5, 11' RT

12" CMP Culv. IE: 266.4'

Contractor To Temporarily Relocate And Reinstall Mailbox

SCALE: 1"=20'
Know what's below. Call before you dig.

- **MOUNT VERNON BIG LAKE ROAD**

- **PLAN AND PROFILE STA 53+00 TO STA 56+00**

- **194LF OF 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT**

- **MATCHLINE STA 53+00**

- **VERT. SCALE: 1"=5'**

- **PROPOSED 12" C909 PVCO CL235 PIPE w/ 4" HDPE IPS SDR11 FIBER CONDUIT**

- **DISTRICT:**
  - 1-12"x6" DI TEE, FLxFL
  - 1-12" DI FLxMJ ADAPTER(E)
  - 1-12" DI BF VALVE, FLxMJ(W)
  - 1-12" DI PLUG, MJ(W)
  - 1-6" DI GATE VALVE, FLxFL(N)
  - 1-6" TAPPING SLEEVE, FL
  - 2-THRUST BLOCK
  - SEE DETAIL(THIS SHEET)

- **12" CMP CULV. IE: 356.3'**

- **12" CONC CULV. IE: 354.9'**

- **12" CONC CULV. IE: 354.9'**

- **12" CMP CULV. IE: 343.2'**

- **DISTRICT CONTRACTOR:**

- **12" DI BF VALVE, MJxMJ**

- **12" DI FLxMJ ADAPTER**

- **12" PVCO SPOOL**

- **STA 54+79, 18' RT**

- **CONTACTOR:**
  - 1-12" DI BF VALVE, MJxMJ
  - RESTRAIN ALL JOINTS
Know what's below. Call before you dig.

1. 30% DESIGN
   MCH 4/5/19
2. 60% DESIGN
   MCH 7/12/19
3. 90% DESIGN
   MCH 9/20/19
4. ISSUED FOR BIDDING
   MCH 12/12/19

STANDARD DETAILS

SCALE: NONE

 dự án đường ống nước Mountain View Road Pipeline Project

Public Utility District No. 1 of Skagit County

1415 Freeway Drive
P.O. Box 1436
Mount Vernon, WA 98273
(360) 424-7104
www.SkagitPud.org

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DATUM:
HOR: NAD 83
VERT: NAVD 88

TWP: 34 N
SEC: 23, 26
RGE: 4 E
Know what’s below. Call before you dig.

Scale: None

Proposed 152LF of 1" Rehau pipe

Proposed 153LF of 1" Rehau pipe

Proposed 157LF of 1" Rehau pipe

Proposed 65LF of 1" Rehau pipe

Proposed 46LF of 1" Rehau pipe

Proposed 12" C-909 PVC pipe

Proposed 12" C-909 PVC pipe

Proposed 12" C-909 PVC pipe

Proposed 12" C-909 PVC pipe
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<th>SIGN SPACING (feet)</th>
<th>CHANNELIZATION DEVICE</th>
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<td>50' TO 100'</td>
<td>6 DEVICE MIN.</td>
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<tr>
<td>50' TO 300'</td>
<td>WORK AREA</td>
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TRANSPORTABLE ATTENUATOR

NO SPECIFIED DISTANCE REQUIRED

MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.

MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.

CHANNELIZATION DEVICE

SPACING (feet)

30 FEET MIN. TO 100 FEET MAX.

W20-7B (OPTIONAL IF 40 MPH OR LESS)

50' TO 300' WORK AREA

50' TO 100' 6 DEVICE MIN.