

MAY 17 2007

Application for Utility Permit or Franchise

SCR MAILROOM

Permit/Franchise No.

U5-2093

Applicant - Please print or type all information

Application is Hereby Made For:	<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Category 1 \$500.00
	<input type="checkbox"/> Franchise <input type="checkbox"/> Amendment	<input checked="" type="checkbox"/> Category 2 \$300.00
	<input type="checkbox"/> Franchise Consolidation \$300.00	<input type="checkbox"/> Category 3 \$150.00
	<input type="checkbox"/> Franchise Renewal \$250.00	

Intended Use of State Right of Way is to Construct, Operate, and Maintain a:

utility crossing (open trench) to place 4" sewer line under road on a portion of

State Route 903 (at/from) Mile Post 7.79 to Mile Post 7.8 in Kittitas County, County,

to begin in the NW 1/4 Section 12 Township 20 North: Range 14 West/East W.M.

and end in the NW 1/4 Section 12 Township 20 North: Range 14 West/East W.M.

Fees in the amount of \$ are paid to defray the basic administrative expense incident to the processing of this application according to WAC 468-34 and RCW 47.44 and amendments. The applicant further promises to pay additional costs incurred by the Department on the behalf of the applicant.

Checks or Money Orders are to be made payable to "Washington State Department of Transportation."

Evergreen Valley Utilities

Applicant (Referred to as Utility)

PO Box 808

Address

Cle Elum

WA

98926

City

State

Zip Code

509-649-3169

Telephone

Applicant Reference (WO) Number

Applicant Authorized Signature

Mark Nelson

Print or Type Name

Manager

Title

Dated this 15th day of May, 2007

601 548 923

Federal Tax ID or Social Security Number

Authorization to Occupy Only If Approved Below

The Washington State Department of Transportation referred to as the "Department," hereby grants this document (Permit or Franchise as applicable) subject to the terms and conditions stated in the General Provisions, Special Provisions, and Exhibits attached hereto and by this reference made a part hereof. Construction facilities proposed under this application shall begin within one year and must be completed within three years from date of approval.

For Department Use Only

Exhibits Attached

Exhibit "A" Special Provisions

Exhibit "B" Utility Facility Description

Exhibit "C" Vicinity Map / Right of Way Sheets

Exhibit "D" Requirements Involving Underground Utilities

Exhibit "E" Traffic Control Plan

Exhibit "F" Construction Notification Form

Exhibit "G" Open Cut Justification Variance

Department Approval

By:

Don Whitehouse

Don Whitehouse

Title:

South Central Regional Administrator

Date:

May 23, 2007

Expiration Date:

General Provisions

1. This document is subject to RCW 47.32, RCW 47.44 and WAC 468-34 and amendments thereto.
2. The Utility, its successors and assigns agree to indemnify, defend and hold the State of Washington, its officers and employees harmless from all claims, demands, damages, expenses or suits that: (1) arise out of or are incident to any negligence by the Utility, its agents, contractors or employees in the use of the highway right of way pursuant to this document or (2) are caused by the breach of any of the conditions of this document by the Utility, its contractors, agents or employees.
Nothing herein shall require the Utility to indemnify and hold harmless the State of Washington, and its officers and employees from claims, demands, damages, expenses or suits based solely upon the conduct or negligence of the State of Washington, its agents, or officers employees and contractors and provided further that if the claims, demands, damages, expenses or suits are caused by or result from the concurrent negligence of (the Utility, its agents, contractors or employees and or any person whomsoever, in connection with Utility's its assigns', agents', contractors' or employees of the State of Washington, its agents, officers, employees and contractors, the indemnity provisions provided herein shall be valid and enforceable only to the extent of the Utility's negligence or the negligence of the Utility's agents, employees or contractors.
Any action for damages against the State of Washington, its agents, officers, contractors, or employees arising out of damages to a utility or other facility located on the highway right of way shall be subject to the provision of RCW 47.44.150.

The Utility, and on behalf of its assigning , agents, licensees, contractors and employees agrees to waive any claims for losses, expenses, damages or lost revenues incurred by it or its agents, contractors, licenses, employees or customers in connection with Utility's its assigns' agents', contractor's licensees' or employee's construction, installation, maintenance, operation, use or occupancy of the right of way or in the exercise of this document against the State of Washington, its agents, or employees except the reasonable costs of repair to property resulting from the negligent injury or damage to Utility's property by the State of Washington, its agents, contractors or employees.
3. Whenever necessary for the construction, repair , improvement, alteration, or relocation of all or any portion of said highway as determined by the Department, or in the event that the lands upon which said highway is presently located shall become a new highway or part of a limited access highway, or if the Department shall determine that the removal of any or all facilities from the said lands is necessary, incidental or convenient to the construction, repair, improvement, alteration, or relocation of any public road or street, the Utility shall, upon notice by the Department, relocate or remove any or all of such facilities from said highway as may be required by the Department at the sole expense of the Utility to whom this document is issued or their successors and assigns.
4. All such changes, reconstruction, or relocation by the Utility shall be done in such manner as will cause the least interference with any of the Department's performance in the operation and maintenance of the highway.
5. This document shall not be deemed or held to be an exclusive one and shall not prohibit the Department from granting rights of like or other nature or other public or private utilities, nor shall it prevent the Department from using any of its roads, streets, or public places, or affect its right to full supervision and control over all or any part of them, none of which is hereby surrendered.
6. The department may revoke, amend, or cancel this permit at any time by giving written notice to the Utility. The Utility shall immediately remove all facilities from the right of way. All facilities remaining upon the right of way 30 days after written notice of cancellation will be removed by the Department at the expense of the Utility.
7. Any breach of any of the conditions and requirements herein made, or failure on the part of the Utility of this franchise to proceed with due diligence and in good faith with construction work hereunder shall subject this franchise to cancellation after a hearing before the Department, of which said hearing the Utility shall be given at least 10 days written notice, if at that time the Utility is a resident or is doing business in the State of Washington; otherwise, by publishing a notice of said hearing once a week for two consecutive weeks in a newspaper of general circulation in Thurston County, Washington, the last publication to be at least 10 days before the date fixed for said hearing.
8. The Utility shall maintain at its sole expense the structure or object for which this document is granted in a condition satisfactory to the Department.
9. Upon failure, neglect, or refusal of the Utility to immediately do and perform any change, removal, relaying, or relocating of any facilities, or any repairs or reconstruction of said highway herein required of the Utility, the Department may undertake and perform such requirement, and the cost and expense thereof shall be immediately repaid to the Department by the Utility.
10. Upon approval of this document, the Utility shall diligently proceed with the work and comply with all provisions herein.
11. Whenever it is deemed necessary for the benefit and safety of the traveling public, the Department hereby reserves the right to attach and maintain upon any facility by the Utility under this document any required traffic control devices, such as traffic signals, luminaires, and overhead suspended signs, when the use of such devices or attachments does not interfere with the use for which the facility was constructed. The Department shall bear the costs of attachment and maintenance of such traffic control devices, including the reasonable cost of any extra construction beyond normal; such extra cost to be determined jointly by the Department and the Utility of this document. It is not to be construed that the Department is to share in the normal cost of installation, operation, or maintenance of any of the facilities installed under this document.
12. No assignment or transfer of this franchise in any manner whatsoever shall be valid nor vest any rights hereby granted until the Department consents thereto and the assignee accepts all terms of this franchise. Attempting to assign this franchise without Department consent shall be cause for cancellation as herein provided.
13. No excavation shall be made or obstacle placed within the limits of the State highway in such a manner as to interfere with the travel over said road unless authorized by the Department.
14. If the work done under this document interferes in any way with the drainage of the State highway, the Utility shall wholly and at own expense make such provisions as the Department may direct to take care of said drainage.
15. On completion of this work, all rubbish and debris shall be immediately removed and the roadway and roadside shall be left neat and presentable and satisfactory to the Department.
16. All of the work shall be done to the satisfaction of the Department, and all costs incurred by the Department shall be reimbursed by the Utility.
17. The Utility pledges that performance of routine cutting and trimming work will be accomplished in such a manner that the roadside appearance will not be disfigured. When major work is involved or damage to roadside appearance may become significant, the Utility shall secure the approval of the Department in advance of the work.
18. The Utility hereby certifies that the facilities described in this document are in compliance with the Control Zone Guidelines.



Special Provisions for Permits and Franchises

Utility Permit No. U5-2093

Applicable provisions are denoted by (X)

- ☒ 1. No work provided for herein shall be performed until the Utility is authorized by the following Department's representative:
- Tim Coats
SCR Region Utilities Inspector
P.O. Box 12560
Union Gap, WA 98909-2560
- Phone: 509-577-1748
Fax: 509-577-1749
- ☒ 2. A copy of the permit or franchise must be on the job site, and protected from the elements, at all times during any of the construction authorized by said permit/franchise.
- ☒ 3. In the event any milepost, right of way marker, fence or guardrail is located within the limits of this project and will be disturbed during construction, these items will be carefully removed prior to construction and reset or replaced at the conclusion of construction to the satisfaction of the Department. All signs and traffic control devices must be maintained in operation during construction.
- ☒ 4. Prior to construction, the Utility shall contact the Department's representative (listed under Special Provision Number 1) to ascertain the location of survey control monuments within the project limits. If any monuments will be altered, damaged or destroyed by the project, the Department will reference or reset the monuments. Any monuments altered, damaged or destroyed by the Utility's operation will be reset or replaced by the Department at the sole expense of the Utility.
- ☒ 5. During the construction and/or maintenance of this facility, the Utility shall comply with the Manual on Uniform Traffic Control Devices for Streets and Highways (Federal Highway Administration) and Washington modifications thereto. If determined necessary by the Department, the Utility shall submit a signing and traffic control plan to the Department's representative or approval prior to construction or maintenance operations. No lane closures shall be allowed except as approved by the Department representative. Approvals may cause revision of special provisions, including hours of operation.
- ☒ 6. Any changes or modifications to the approved franchise/permit shall be subject to prior review and approval by the Department. The Utility shall notify the Department's representative upon completion of the work under this permit/franchise so that a final inspection can be made and shall immediately furnish to the Regional Utilities Engineer a revised franchise or permit plan of the final location or relocation of its facilities if the original permit/franchise plans have been revised during the course of construction.
- ☒ 7. Prior to the beginning of construction, a preconstruction conference shall be held at which the Department and the Utility and utility's engineer, contractor, and inspector shall be present.
- ☒ 8. Should the Utility choose to perform the work outlined herein with other than its own forces, a representative of the Utility shall be present at all times unless otherwise agreed to by the Department representative. All contact between the Department and the Utility's contractor shall be through the representative of the Utility. Where the Utility chooses to perform the work with its own forces, it may elect to appoint one of its own employees engaged in the construction as its representative. Failure to comply with this provision shall be grounds for restricting any further work by the Utility within the State right of way until said requirement is met. The Utility at its own expense, shall adequately police and supervise all work on the above described project by itself, its contractor, subcontractor, agent, and others, so as not to endanger or injure any person or property.
- ☒ 9. The Utility agrees to schedule the work herein referred to and perform said work in such a manner as not to delay the Department's contractor in the performance of his contract, construction should be finished by the 19th of June 2007.
- ☒ 10. Work within the right of way shall be restricted to the hours of daylight, and no work shall be allowed on the right of way Saturday, Sunday, or holidays, unless authorized by the Department. Any lane closures must be submitted for approval in advance of use. The hours of permitted closure may differ from the above noted hours.
- ☒ 11. If determined necessary by the Department, any or all of the excavated material shall be removed and replaced with suitable material as specified by the Department.
- ☒ 12. Wherever deemed necessary by the Washington State Department of Labor and Industries and/or the Department for the safety of the workers and the protection of the highway pavement, the sides of the trench (or excavation) shall be adequately supported to reduce the hazard to workers and prevent any damage by cracks, settlement, etc., to the pavement. No other work in the trench or excavation area will be allowed until this requirement is met.
- ☒ 13. All trenches, boring or jacking pits, etc. shall be backfilled as soon as possible and not left open during no-working hours unless covered with material of sufficient strength to withstand traffic loads or a method of protection approved by the Department.

- ☒ 14. All slopes, slope treatment, top soil, ditches, pipes, etc., disturbed by this operation shall be restored to their original cross section and condition. All open trenches shall be marked with warning signs, barricades, lights and if necessary, flagmen shall be employed for the purpose of protecting the traveling public. The Department's representative may specify roadside operations.
- ☒ 15. Where applicable, markers shall be placed at each right of way line for all crossings and placed every 152.400 meters (500 feet) for longitudinal facilities to include: company name, pipeline or cable identification, telephone number for contact, and the distance from the marker to the facility in meters (feet). Markers shall be placed so as to minimize interference with maintenance operations. Markers shall also be placed at all changes in offset distance from right of way line or centerline of highway.
- ☐ 16. The utility shall install detector tape or cable approximately 300 millimeters (12 inches) above the underground facility. The tape shall conform to the standards of the American Public Works Association Uniform Color Code.
- ☒ 17. In the event that construction and maintenance of the highway facility within the proximity of the utility installation becomes necessary during the period which the Utility will occupy a portion of the right of way, it is expressly understood that, upon request from the Department's representative, the Utility will promptly identify and locate by suitable field markings any and all of their underground facilities so that the Department or its contractor can be fully apprised at all times of its precise location.
- ☒ 18. The shoulders, where disturbed shall be surfaced with crushed surfacing top course in kind or as directed by the Department's representative. The surface of the finished shoulder shall slope down from the edge of pavement at the rate of 5% unless otherwise directed. The restored shoulder must not have any strips or sections 2 feet wide. The restored shoulder shall be surfaced in kind.
- ☒ 19. Utility facilities or casings for facilities crossing under roadways surfaced with oil, asphalt concrete pavement or cement concrete pavement shall be accomplished by use of appropriate equipment to jack, bore, or auger the facility through the highway grade with a minimum depth of 1.52 meters (5 feet) minimum along any point from the top of facility to the finished road grade and a minimum of 1.07 meters (3.5 feet) depth from bottom of ditch to top of facility. Casing requirements for facilities are denoted by special provision 20. Any allowable open trench construction will be specifically provided for by the special provision No. 21, if denoted.
- ☐ 20. Facilities to be placed within encasement are specified individually or in whole on the attached exhibits.
- ☒ 21. Open trench construction will be allowed only at those locations identified on the plan exhibits and/or listed on Exhibit(s) C, with restoration to be performed as noted on the attached "Open Cut Detail," Exhibit D.
- ☒ 22. The Utility agrees to be responsible for any construction deficiencies as a result of the roadway installation.
- ☐ 23. No routine maintenance of this facility will be allowed within the limited access area.
- ☐ 24. Maintenance of this facility will not be permitted from the shoulders, through traffic roadways, or ramps of _____ and all service to this facility will from outside right of way.
- ☐ 25. Construction of this facility will not be permitted from the shoulders, through traffic roadways, or ramps of _____. All construction access will be from outside right of way.
- ☐ 26. Bond coverage is required to ensure proper compliance with all terms and conditions of said permit/franchise will be furnished by a Blanket Surety Bond held by the Department at the Olympia Service Center.
- ☐ 27. The Utility shall provide to the Department verification that the City of _____ is a member of "Washington Cities Insurance Authority", to insure compliance with any and all of the terms and conditions of this permit/franchise. Said Insurance to remain in force for a period ending one year after date of completion of construction, except the Utility shall be required to maintain said bond/account for a period of two years after completion of construction where the installation of the utility facility disturbs the traveled lanes or usable shoulders.
- ☐ 28. The utility agrees to underground the aboveground facilities covered by this franchise in Scenic Classes "A" and "B", as defined on attached Exhibit(s) _____ either at the time of major reconstruction of the facility, for that portion of facility to be reconstructed, prior to expiration of this franchise.
- ☐ 29. The Utility agrees to underground the aboveground facilities covered by this franchise in Scenic Classes "A", "AX", "B", and/or "BX", as defined on attached Exhibit(s) _____, at the time the pole owner undergrounds its facility. The existing aboveground facility may remain or be relocated as aboveground in Scenic Classes "AX" or "BX", if acceptable to the Department.
- ☐ 30. The Utility agrees to underground or relocated aboveground the existing aboveground facilities in Scenic Classes "AX" and "BX", as defined on attached Exhibit(s) _____, to a location acceptable to the Department either at the time of major reconstruction of the line, for the portion of line to be reconstructed, or prior to the expiration of this franchise. The existing aboveground facilities may remain in their present location if acceptable to the Department.
- ☐ 31. Neutral conductors associated with circuits of 0 to 22 Kilovolts where the neutral is considered to be 0 – 750 Volts may have a vertical clearance the same as guys and messengers, provided the facility is grounded at each pole at each end of the crossing.
- ☐ 32. The responsibility of the Utility for proper performance, safe conduct, and adequate policing and supervision of the project shall not be lessened or otherwise affected by Department approval of plans, specifications, or work or by the presence at the work site of Department representatives, or by compliance by the Utility with any requests or recommendations made by such representatives.

- ☒ 33. All material and workmanship shall conform to the Washington State Department of Transportation Standard Specifications for Road, Bridge and Municipal Construction, current edition, and amendments thereto, and maybe subject to inspection by the Department.
- ☐ 34. Any existing Location I and Location II utility objects will be corrected in accordance with the Control Zone Guidelines.
- ☐ 35. General provision number 18 is hereby superseded and replaced by the following special provision: Any existing Location I and Location II utility objects will be corrected in accordance with the Control Zone Guidelines.
- ☐ 36. The Utility is responsible for compliance with all federal, state, and local laws pertaining to the discharge received by the Department under this permit/franchise.
- ☐ 37. The Utility shall avoid wetland areas wherever possible. Should it become necessary to place this facility in a wetland area, the Utility shall be responsible for securing all necessary permits from the Washington State Department of Ecology, the Washington State Department of Fish and Wildlife and/or the U.S. Army Corps of Engineers prior to the beginning of construction of this facility. The Utility shall provide copies of said permits to the office of the Regional Utilities Engineer.
- ☐ 38. The Utility shall be responsible for mitigation measures where wetlands are disturbed.
- ☐ 39. If casings are utilized, they shall be PVC Schedule 80 or greater or the equivalent.
- ☐ 40. The Utility shall notify the Department's representative, in writing or by fax, as to the name, address and telephone number of the contractor, if the work is to be done by other than its own forces.
- ☐ 41. The Utility shall reimburse the Department for all actual direct and related costs necessitated by this permit or franchise. Such costs include, but are not limited to plan review and inspection.
- ☒ 42. The Utility acknowledges that SR 970 is scheduled for future construction . All work shall be coordinated with the Project Engineer's Office responsible for this project and all work shall be completed no later than **June 19th 2007**. Relocation and/or adjustment of this facility at the time of construction will be at the expense of the Utility.
- ☒ 43. No vehicles are to be parked on the shoulders, through traffic roadways, or ramps of 970.
- ☒ 44. The Utility shall maintain two way traffic at all times.
- ☒ 45. The Utility shall utilize the approved Traffic Control Plan provided.
- ☐ 46. The Utility shall be responsible for securing all other federal, state and local permits, which may be required. The Utility shall provide copies of said permits to the office of the Regional Utilities Engineer.
- ☒ 47. The Utility shall use hot mix asphalt for all roadway pavement restoration. The Department will not allow the use of cold mix for any roadway patching longer than 24 hours.
- ☐ 48. No additional side (service) connections shall be allowed within State right of way once construction of the facility under this franchise amendment is completed.
- ☐ 49. The Utility shall relocate any/all of their facilities located on joint use poles at the time that the pole owner either moves or removes their poles.
- ☐ 50. The Utility shall not place any new poles within the right-of-way.
- ☐ 51. Use of guard posts for proposed fire hydrant installations shall not be permitted within the right-of-way.
- ☐ 52. The Utility shall submit a blasting plan for approval to the office of the Regional Utilities Engineer prior to any blasting within the right-of way.
- ☒ 53. Utility facilities installed longitudinally within Zone A, foreslope and backslope, shall have a minimum cover of 42 inches except in consolidated rock where the minimum cover shall be 24 inches with a concrete casement of four inches or a steel plate above the facility.
- ☐ 54. Utility facilities installed longitudinally within Zone B, outside of Zone A , shall have a minimum cover of 36 inches except in consolidated rock where it is necessary to saw or blast the rock to install the facility, the minimum cover may be 24 inches.
- ☐ 55. All facilities constructed in Zone A shall use conduit.
- ☐ 56. Zone A requirements also apply from Milepost to Milepost .
- ☒ 57. The Utility shall notify the Department Representative upon completion of project for final inspection / review.
- ☐ 58. The Utility shall contact WSDOT's South Central Region Electrician, Ken Kilseimer, at 509-577-1961/Cell 509-945-2883, for locates of WSDOT internal electrical system wiring at least 5 working days prior to excavation.
- ☒ 59. Clean up and application of tacking agent or hydro seeding in accordance with manufacturers recommended requirements shall occur as soon as practical following the installation. A seed mix is available for use on this project. County specific Weed Control Plans shall take precedence over WSDOT provided seed mixes, if they are available. The recommended seeding application

window is Sept. 15 – Nov. 15. The applicant shall be held responsible for re-vegetation of the disturbed areas to pre-construction conditions. In areas where adjacent owners have maintained the highway rights of way, as yards or similar, re-vegetation shall be completed in a manner that produces pre-construction conditions.

- ☒ 60. The Utility shall submit the "Construction Notice", ten (10) full working days prior to construction. Please submit to the WSDOT's South Central Region Utilities Office, via FAX at 509-577-1749. After submittal, please call 577-1786 or 577-1785 to verify the faxed "construction notice" was received.



Utility Facility Description

Applicant Field Contact Person Charlie Favero		Field Contact Phone Number 509-260-0526		Applicant Reference (WO) Number U5-2093		Permit/Franchise No. U5-2093
State Route SR 903	Highway Scenic Class BX	Access Control None	Begin MP 7.79	End MP 7.8	Reference MP 7.75 Cascade View Dr	Distance and Direction (From nearest reference MP) 264' from Cascade View Dr.
Facility Description Utility crossing (open trench) to place 4" sewer line under road, see attached open cut variance justification questionnaire.						

[illegible]

Open Cut Utility Trench Backfill Detail

Control Density Fill (CDF) on Existing Asphalt Concrete Paved (ACP) Roadway (Typical)

SURFACING:

1. All ACP shall be saw cut to provide a straight, clean edge prior to paving.
2. The cut line shall be one continuous straight line from the outer excavation limits of manhole, valve box, etc.
3. Pave with 110 millimeter (0.35 foot) minimum compacted depth ACP or match existing, whichever is greater.
4. Lifts for ACP shall be an 45 millimeter (0.15 foot) minimum and 110 millimeter (0.35 foot) maximum; the temperature shall be 250 degree minimum, 325 maximum standard specifications 5-04.3(8) mix, compacted to the satisfaction of the department representative.
5. All joints shall be tacked, sealed, and sanded.
6. When surfacing exists on both sides of the trench, new ACP will be a minimum of 1 meter (40 inches) wide.

TRENCH ZONE:

1. Granular backfill as approved by local agency or WSDOT specifications for granular backfill to 0.9 meter (3 feet) below surfacing. Compacted to 95% of maximum density in the trench zone.
2. Native material may be used if approved prior to construction.
3. CDF per special provisions, 0.9 meter (3 feet) minimum depth.
4. Trench shall be plated or temporary cold mix used until paved.
5. Trench zone, see below.

PIPE ZONE:

1. Pipe zone material optional, or as specified by utility owner.
2. 0.3 meter (1 foot) maximum above top of pipe.

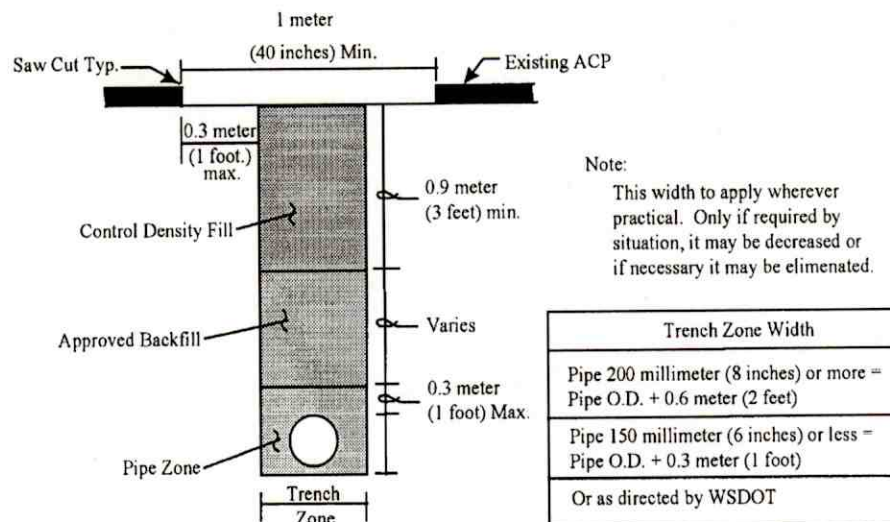


Figure 1-4A

The diagram illustrates a typical longitudinal detail of a road cross-section. It shows a central road section with a slight dip in the center, flanked by shoulders. Key dimensions and labels include:

- Horizontal Dimensions:**
 - Acceptable **:** Two segments on either side of the central road section, each labeled "Acceptable **".
 - Variance *:** The central segment of the road section, labeled "Variance *".
 - Zone A and Zone B:** The road section is divided into "Zone A" (the central dip) and "Zone B" (the flanking areas).
- Vertical Dimensions:**
 - 0.61 meters (24 inches) Min.:** The minimum vertical clearance or height for the shoulders, indicated by arrows pointing to the shoulder edges.
 - 1.07 meters (42 inches) Min.:** The minimum vertical clearance or height for the central road section, indicated by arrows pointing to the central dip.
- Labels:**
 - R/W:** Right of Way, indicated at the far left and right edges.
 - Shoulders, all traffic lanes and medians:** A note at the bottom left explaining the asterisk (*) symbol.
 - "Uniform alignment and grade as near as practicable to the right of way line.":** A note at the bottom right explaining the double asterisk (**) symbol.

Zone A is the area within the foreslope and backslope where routine maintenance operations generally occur. This area is defined as 1.52 meters (5 feet) beyond the bottom of the ditch or 4.5 meters (15 feet) beyond the edge of the shoulder, whichever is further.

Diagram illustrating the required trench dimensions and components for a carrier pipe installation:

- Topsoil Layer:** 1.829 meters (6 feet) thick.
- Carrier Pipe:** The pipe being installed.
- Casing:** The protective layer surrounding the carrier pipe.
- Minimum Depth:** 1.52 meters (5 feet) Min. (measured from the topsoil surface to the bottom of the casing).
- Minimum Depth:** 1.07 meters (42 inches) Min. (measured from the bottom of the casing to the bottom of the trench).

Notes: Drains, if needed, should connect to a suitable

Notes:
Drains, if needed, should connect to a suitable drainage course.

Casing Pipes should be sealed and vented near R/W line if required.

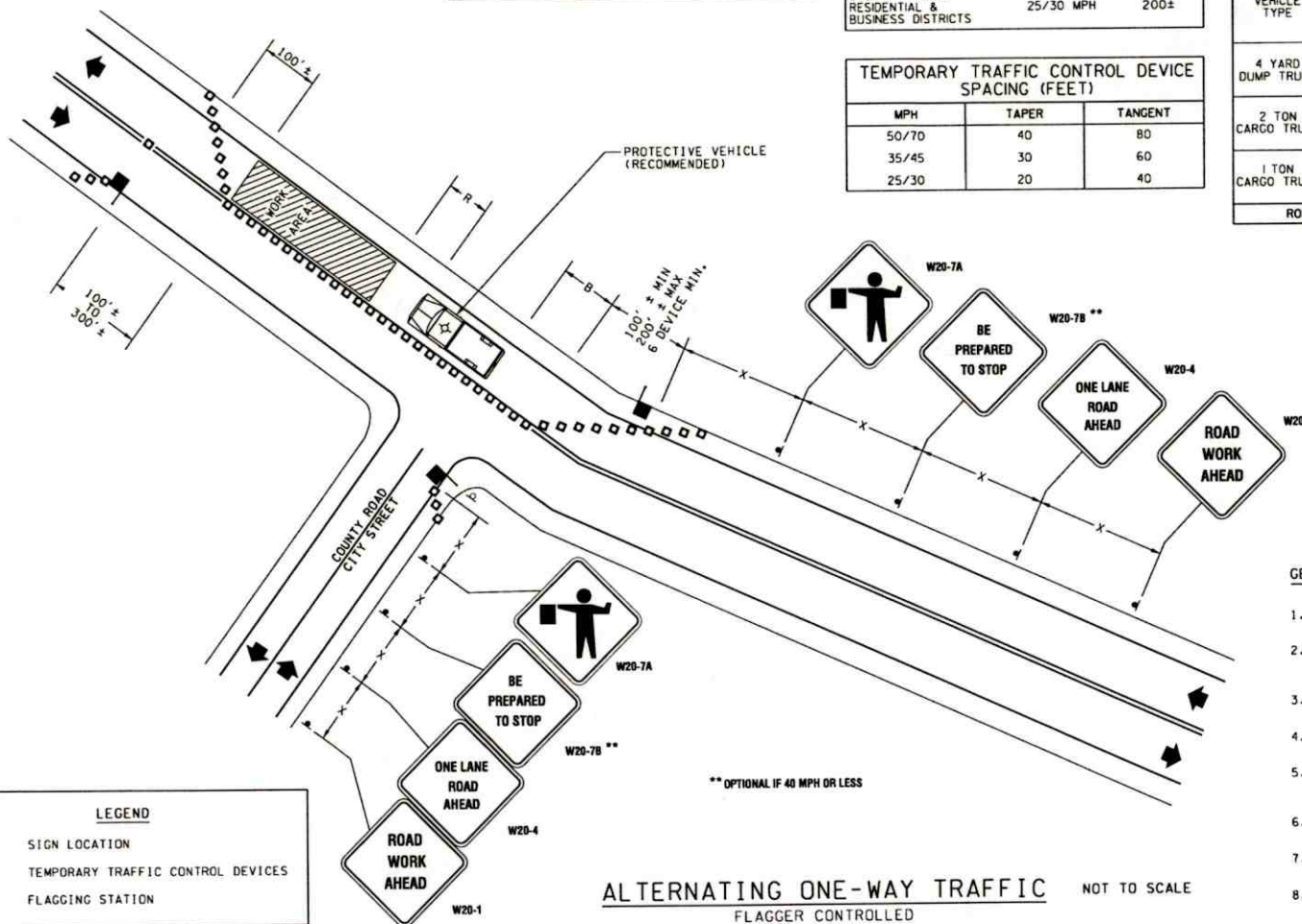
Typical Crossing Detail

NOTE TO DESIGNER:
 THESE PLANS MAY BE MODIFIED TO FIT YOUR
 SPECIFIC LOCATION.
 FOR GUIDELINES ON WHEN TO USE A TMA, SEE PG. 6
 OF W54-44 "WORK ZONE TRAFFIC CONTROL GUIDELINES"
 (MAY 2000).

SIGN SPACING X (FEET)		
RURAL HIGH SPEED ROAD	55/65 MPH	1000±
RURAL ROADS	45/50 MPH	500±
URBAN ARTERIALS	35/40 MPH	350±
URBAN STREETS RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200±

TEMPORARY TRAFFIC CONTROL DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	-
LENGTH (FEET)	55	85	120	170	220	280	335	415	485	-
PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = R										
VEHICLE TYPE	TYPICAL VEHICLE LOADED WEIGHT (LBS)	POSTED SPEED (MPH)		STATIONARY OPERATION (FEET)						
4 YARD DUMP TRUCK	24,000	60-65		100						
		50-55		75						
		45		50						
2 TON CARGO TRUCK	15,000	60-65		150						
		50-55		100						
		45		75						
1 TON CARGO TRUCK	10,000	60-65		200						
		50-55		150						
		45		100						
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT.										



GENERAL NOTES

1. ALL DIAMOND SHAPED SIGNS SHALL BE 48" X 48" WITH ORANGE BACKGROUND.
2. ALL SIGNS MUST FOLLOW STANDARD SIGN LAYOUT IN ACCORDANCE WITH THE WASHINGTON STATE SIGN FABRICATION MANUAL (M55-05).
3. TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
4. SIGN SEQUENCE IS THE SAME FOR BOTH DIRECTIONS OF TRAVEL ON THE HIGHWAY.
5. RADIO COMMUNICATION RECOMMENDED BETWEEN FLAGGERS; REQUIRED IF FLAGGERS DO NOT HAVE CLEAR VISION OF EACH OTHER.
6. EXTEND TEMPORARY TRAFFIC CONTROL DEVICE TAPER ACROSS SHOULDER.
7. PROTECTIVE VEHICLE RECOMMENDED. MAY BE A WORK VEHICLE.
8. ALL SIGNS ARE CLASS "B" UNLESS OTHERWISE NOTED.

FILE NAME: c:\dgn\dgn\Tim.dgn		REGION: 10		STATE: WASH		FED.AID PROJ.NO.		PLOT1	
TIME: 10:51:43 AM		JOB NUMBER		CONTRACT NO.		LOCATION NO.		SHEET OF SHEETS	
DATE: 01/09/2003		DESIGNED BY		CHECKED BY		PROJ. ENGR.		REGIONAL ADM.	
REVISION		DATE		BY		P.E. STAMP BOX		P.E. STAMP BOX	
								TRAFFIC CONTROL PLAN	

Evergreen Valley Utilities
Permit U5-2093
Exhibit "E"
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CONSTRUCTION NOTIFICATION

Permit Number: U5-2093

State Route Number: SR-970 Mile Post: 7.79 TO Mile Post: 7.8

Applicant Reference (WO) Number: _

Information in this box is required to be filled out completely.

SCHEDULED START DATE OF CONSTRUCTION: _____

ESTIMATED DATE OF COMPLETION: _____

Contractor/Who will perform the work. (Please Print)

COMPANY	OFFICE CONTACT:
ADDRESS	PHONE:
CITY	FAX:
STATE	FIELD REP:
	PAGER:
	CELL:

COMPANY/Permit/Franchise Holder (Please Print)

Evergreen Valley Utilities	FIELD CONTACT: Charlie Favero
PO Box 808	PHONE: 509-260-0526
Cle Elum, WA 98926	FAX:
	PAGER:
	CELL:

In accordance with Washington State Department of Transportation (WSDOT) Special Provisions for Permits and Franchises, the above information is to be provided to the following WSDOT representative ten (10) working days prior to the beginning of construction.

TIM COATS	OFFICE:	1-509-577-1748
SCR UTILITIES INSPECTOR	FAX:	1-509-577-1749
P.O. Box 12560	CEL:	1-509-945-6399
Yakima, WA 98909	E-MAIL:	CoatsT@WSDOT.WA.GOV

For State representatives use only: Has this installation been completed to your satisfaction? YES ____ NO ____

Comments: _____

Signature: _____ Date: _____

SUPERVISORS, PLEASE SEND A COMPLETED COPY TO THE REGION UTILITY OFFICE AND A COPY TO YOUR SUPERINTENDENT.

Note:

THE UTILITY COMPANY OR THEIR REPRESENTATIVE SHALL NOTIFY SOUTH CENTRAL REGION UTILITIES IMMEDIATELY IF THEY ARE UNABLE TO START CONSTRUCTION ON THE DATE INDICATED ABOVE. FAILURE TO PROVIDE NOTIFICATION MAY RESULT IN INSPECTION CHARGES BEING INCURRED.

**Evergreen Valley Ut.
Exhibit "F"
Permit U5-2093
Page 1 of 1**



OPEN CUT VARIANCE REQUEST JUSTIFICATION QUESTIONNAIRE

Utility Permit No. **U5-2093**

INSTRUCTIONS: Applicant to complete Section 1-*Justification of Variance Proposal*. All question must be addressed. Please be aware that any questions left unanswered could delay approval of you utility permit or franchise application. Section 2-*Regional Considerations* to be completed by WSDOT Regional Utilities Office.

SECTION 1-Justification of Variance Proposal (to be completed by applicant)

1. Explain why it is unusually difficult or impossible to sub-surface installation techniques to install the proposed utility:
Because of the work being done on SR 903 starting in late June, it is better to install the lines with an open trench.
2. Identify all other route and/or installation alternatives that were considered and why they were rejected:
Because of the work being done on SR 903, we are taking the opportunity to install lines which will be needed for the future at this time.
3. Explain the basis for selecting the chosen route and why it is critical to the alignment of the facility:
The route selected will go from our water supply on the North side of SR 903 to the lots on the South side of SR 903.
4. If cost is a basis for justification, explain in detail what makes the cost prohibitive. Attach a detailed cost estimate(s) outlining these prohibitive expenditures.
Because of the work being done on SR 903, it is convenient to do the work at this time in a more inexpensive manner.
5. Identify and explain any impacts or potential adverse affects on the design, construction, or stability of the highway due to this installation proposal:
It is not expected that the cut will have adverse affects on the highway.
6. Identify any impacts to traffic and/or pedestrian movements or any potential adverse affects on the overall operation of the highway that will occur as a result of this open cut proposal:
It is expected that the trenching being done will have minor affect on the overall operaton of the highway.
7. Is it anticipated that any utility maintenance be necessary during the life of this utility? If so, explain nature of anticipated maintenance and how this maintenance will be managed, including proposed access to the location of maintenance work, traffic control methods, maintenance durations, etc.:
It is not anticipated that any utility maintenance will be necessary.
8. List existing surface material of traveled lanes, shoulders and widened areas, embankments, and any special construction details (i.e. rock lined ditch) at open cut location:
SR 903 has hard surface traveling lanes with dirt shoulders at the point of the open cut.
9. Provide photographs showing the existing conditions on both sides of highway at location of open cut. Include any vegetated areas, geologic features, guardrail, drainage features, or other items that will be impacted by this open cut proposal.

Evergreen Valley Utilities
Permit U5-2093
Exhibit "G"
4 Pages



OPEN CUT VARIANCE REQUEST JUSTIFICATION QUESTIONNAIRE

See attached photos.

10. Provide a roadway cross section showing a profile of the proposed open cut installation across the entire WSDOT Right of Way at the proposed open cut location. This information should include: (1) location of all existing utilities; (2) width of traveled lanes, turn lanes, shoulders, and any widened areas outside of shoulders; (3) angle and depth of proposed utility installation in relation to existing roadway surface, ditching and/or embankments. Dimension all information from the centerline of the highway horizontally and depth information from appropriate points vertically.

Work will be done following guidelines in WSDOT Utilities Manual attached to application. See Exhibit C for lane and shoulders widths. See Exhibits B and D for pipe depth and location.

11. Provide a proposed open cut trench cross-section showing: (1) pipe and casing (if applicable) ID and OD; (2) typical trench construction width; (3) typical pipe zone bedding depth and material; (4) Typical trench backfill depth and material; (5) existing and replacement surfacing depth and material; and, width and method of repair of roadway surface.

Work will be done following guidelines in WSDOT Utilities Manual. See attached to permit application for pipe size and backfill depth and material and surfacing material requirements.

12. Provide any additional information that will support this variance request:



OPEN CUT VARIANCE REQUEST JUSTIFICATION QUESTIONNAIRE

SECTION 2-Regional Considerations (to be completed by WSDOT)

1. Is there a need for a notice of filing? If yes, explain why:
No.
2. Would the proposal have an adverse effect on the structural integrity, maintenance, appearance, or operation of the highway? If yes, explain why:
No, CDF will be used and the roadway is scheduled to be planed and paved soon.
3. Will the utility installation affect design or construction of currently programmed projects? If yes, list project(s) and anticipated negative affects:
No, utilities will be coordinated with construction.
4. What is the schedule of the proposed utility installation and any WSDOT projects identified in item 3? Are there any potential conflicts?
The pre-con for the paver is June 10th and the construction is scheduled to begin the in July.
5. Have appropriate design and construction offices been given an opportunity to review and comment on the proposed installation? If so, what steps will be taken to coordinate utility installation with affected projects:
Yes, see attached inter-office routed memo with notes.
6. What is the Regions recommendation regarding approval of this application?
See attached inter-office routed memo with notes.

LCU, INC.
EVERGREEN VALLEY UTILITIES
1890 NELSON SIDING RD.
CLE ELUM, WA 98922
509-649-2703

STERLING SAVINGS
201 East First Street
Cle Elum, WA 98922

6630

28-7174/3251
54

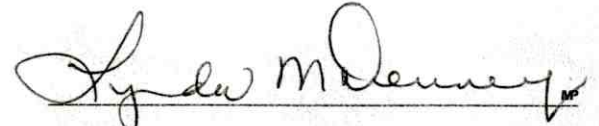
5/15/2007

PAY TO THE ORDER OF WA State DOT

\$ **300.00

Three Hundred and 00/100***** DOLLARS

MEMO Permit of open trenches



⑈006630⑈ ⑆325171740⑆ 59990739203⑈

WA State DOT			5/15/2007		6630	
Date	Type	Reference	Original Amt.	Balance Due	Discount	Payment
5/14/2007	Bill	PO 379	300.00	300.00		300.00
					Check Amount	300.00

DEPT OF TRANS
MAY 17 2007
SCR MAILROOM

Evergreen Valley Wat Permit of open trenches 300.00



Washington State
Department of Transportation
Douglas B. MacDonald
Secretary of Transportation

South Central Region
2809 Rudkin Road, Union Gap
P.O. Box 12560
Yakima, WA 98909-2560

509-577-1600
TTY: 1-800-833-6388
www.wsdot.wa.gov

May 23, 2007

RE: SR 903, MP 7.79 to MP 7.8
Utility Permit U5-2093
Evergreen Valley Utilities
PO Box 808
Cle Elum, WA 98926

Dear Mark:

Enclosed is fully executed Utility Permit NO. U5-2093 to construct, operate, and maintain a 4" sewer pipe on the above referenced section of state highway.

As noted on the signed Permit, the grantee is responsible for additional costs that may be incurred by WSDOT. The billed amount will include direct and related indirect cost for labor, equipment, and materials, plus administrative overhead cost of 11.44%, which is adjusted annually. Payment will be required within 30 days of receiving the billing.

The Permit holder is responsible for providing work zone traffic control in State Right of Way and or city/county roads that will be impacted by the work zone. Traffic control plans created by the Permit holder must be submitted ten (10) working days prior to the Estimated Start Date of Construction for review/approval by the Department Representative (Special Provision 1). All Traffic Control Plans must be WSDOT approved prior to use.

The Permit holder will mail or fax (509) 577-1749 Construction Notification with the required Scheduled Start Date of Construction and the required Contact Information ten (10) working days prior to the Scheduled Start Date. Please verify your mail or fax was received.

All work conducted inside of WSDOT Right of Way requires advance authorization from the South Central Utilities Office. Please contact the South Central Region Utilities Engineer, Jamil Anabtawi at (509) 577-1785 or Phil Nugent at (509) 577-1786 prior to construction to assure a State Inspector is available for your Scheduled Start Date.

Sincerely,

Jeanne Doolin
Utilities Accommodation Engineer

JD:jd

enclosure

cc: Terry Kukes Area 1 Maintenance Operation Superintendent, Tim Coats Utilities Inspector
File





Date: May 24, 2007

From: Jeanne Doolin

Phone: 1788

Subject: Permit U5-2093
SR 903, MP 7.79 to MP 7.8
Evergreen Valley Utilities
PO Box 808
Cle Elum, WA 98926

Tax ID: 601 548 923
Install: 4" Sanitary Sewer
Inspection and plans review

To: Ken Sousley

Please set up a new JE and Group # for the work described above and on the attached Application cover sheet.

Here is some information that may be helpful in establishing the agreement.

Begin work date: 2005
End work date: June 30, 2007
Estimated amount: As incurred
Agreement Manager: Jamil Anabtawi/Jeanne Doolin
Contact Phone No.: 577-1785 / 577-1788

JRD:jrd

Attachment: Original permit document