

# **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

## **1. PURPOSE**

The purpose of this document is to establish a County policy to provide administrative and procedural guidance needed to accommodate the installation and relocation of all above and below ground utilities which are located within the County road right-of-way.

Such accommodation of utilities shall place primary emphasis on road traffic operation and safety; utilities shall be accommodated in such a manner as not to materially degrade or adversely affect traffic operation, safety, and structural integrity of the roadway.

## **2. APPLICATION**

This policy shall apply to all new franchises and permits issued pursuant to RCW 80.32.010, RCW 80.36.040 and RCW 36.55, to all public and private utilities, and to all installation and relocation of utilities within the County road right-of-way, including but not limited to electric power, telephone, television, telegraph, communication, water, gas, all petroleum products, steam, chemicals, sewage, drainage, irrigation and similar pipes, lines or cables.

This policy cannot address all situations and conditions that may be encountered. Specific provisions contained herein may not be appropriate for all locations and existing conditions. The policy is intended to assist, but not substitute for, competent work by both road and utility design and installation professionals. This policy is not intended to limit any innovative or creative effort which could result in better quality, better cost savings or improved safety characteristics. The County Engineer is authorized to issue written guidelines, as required, to more specifically define the preferred location of utilities, the standards, codes, and regulations to be followed and the materials to be used. The written policies would address those situations and conditions not specifically covered herein.

It shall be the responsibility of any utility installing or relocating any of its facilities to ascertain and abide by the requirements and conditions of this policy.

## **3. DEFINITION OF TERMS**

Unless otherwise stated, words and phrases used herein shall have the following meanings:

## ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY

- a. Appurtenance - Equipment and/or accessories which are a necessary part of an operating utility system or subsystem.
- b. Backfill - replacement of excavated material with suitable material compacted as specified around and over a pipe, conduit, casing or gallery.
- c. Bedding - replacement of excavated material with suitable material compacted as specified around and over a pipe conduit casing or gallery.
- d. Boring - grade and alignment-controlled mechanical or other method of installing a pipe or casing under a road without disturbing the surrounding medium.
- e. Carrier - pipe directly enclosing a transmitted fluid or gas.
- f. Casing - a larger pipe enclosing a carrier for the purpose of providing structural or other protection to the carrier and/or to allow for carrier replacement without re-excavation, jacking or boring.
- g. Coating - protective material applied to the exterior of a pipe or conduit to prevent or reduce abrasion and/or corrosion damage.
- h. Conduit - an enclosed tubular runway for protecting wires or cables.
- i. Cover - depth to top of pipe, conduit, casing or gallery below the grade of a road or ditch.
- j. Direct Burial - installation of a utility underground by means of plowing.
- l. Ditch - a trench that has been dug in the earth, usually for drainage purposes.
- l. Drain - appurtenances to discharge accumulated liquids from casings or other enclosures.
- m. Emergency Repair - any sudden, unusual, unexpected occasion or occurrence by an Act of Nature or deterioration causing the failure of a utility line or structure that requires the immediate repair or replacement to avoid the destruction or failure of the traveled roadway structure posing a safety threat to the public.
- n. Encasement - structural element surrounding a pipe or conduit for the purpose of preventing future physical damage to the pipe or conduit.

## ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY

- o. Franchise - occupancy and use document granted by the County required for occupancy of road rights-of-way in accordance with RCW 36.55 and RCW 80.32.
- p. Gallery - underpass for two or more utility lines.
- q. Manhole - an opening in an underground utility system into which workers or others may enter for the purpose of making installations, inspections, repairs, connections, cleaning and testing.
- r. Pavement - the combination of subbase, base course, and surfacing placed on a subgrade to support the traffic load and distribute it to the subgrade.
- s. Permit - a document issued under the authority of (1) the County Engineer (or Public Works Director). The permit provides specific requirements and conditions for specific utility work at specific locations within the right-of-way.
- t. Pipe - a structural tubular product designed, tested and produced for the transmittance of specific liquids and gases under specific conditions.
- u. Plowing - direct burial of utility lines by means of a 'plow' type mechanism which furrows the ground, places the utility line at a predetermined depth in the furrow and closes the furrow in the ground.
- v. Pressure - internal gage pressure in a pipe in pounds per square inch, gage (psig).
- w. Private Lines - privately owned, operated and maintained utility facilities devoted exclusively to the use of the owner.
- x. Relocation - planned change of location of an existing facility to a more advantageous place without changing the character or general physical nature of the facility.
- y. Replacement - installation of a like element of a utility system or subsystem in the same or near-same physical location normally due to damage, wear or obsolescence of the element.
- z. Restoration - all work necessary to replace, repair or otherwise restore the right-of-way and all features contained within to the same or equal condition as before any change or construction thereto.

## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

- aa. Right-of-Way - a general term denoting public land, property, or interest therein, usually in a strip, acquired for or devoted to transportation purposes.
- bb. Road (or Roadway) - a general term denoting a street, road or other public way, including shoulders, designated for the purpose of vehicular traffic.
- cc. Road Cut - trenching across a roadway to install underground utility lines or to cut through a pavement surface to install valves or appurtenances.
- dd. Sleeve - short casing through a pier, wall or abutment of a highway structure.
- ee. Traffic Control - those activities necessary to safeguard the general public, as well as all workers, during the construction and maintenance of utility facilities within the right-of-way.
- ff. Trenched - installation of a utility in an open excavation.
- gg. Untrenched - installation of a utility without breaking the ground or pavement surface such as by jacking or boring.
- hh. Vent - appurtenance to discharge gaseous contaminants from casings or other enclosures.

### **4. GENERAL CONDITIONS AND REQUIREMENTS**

#### **A. LOCATION**

- (1) Utility installations shall be located so as to minimize need for later adjustment to accommodate future roadway improvements and to permit access to servicing such installations with minimum interference to roadway traffic. Counties shall make available to utilities a copy of their six-year transportation improvement program (or capital facilities and transportation plan where required) in order to minimize both utility customer and road user inconvenience should future road improvements (on existing or new alignment) require adjustment or relocating of the utility facilities. Said utilities shall, within the limits of standard business practice, make available appropriate short and long range development plans to the County.

## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

- (2) Unless otherwise approved by the County, all above-ground utilities and their appurtenances as well as all above-ground appurtenances of below-ground utilities that may constitute a roadside obstacle for traffic using the road shall be located as close as practicable to the edge of the right-of-way line. If an appurtenance within the right-of-way would constitute an unacceptable roadside obstacle, said obstacle may be:
  - a. relocated to another place within the right-of-way,
  - b. converted to a break-away design,
  - c. crash-protected,
  - d. relocated to another location off the road right-of-way, or
  - e. buried below the ground.
- (3) Installations that are required for a road purpose, such as street lighting or traffic signals, are to be located and designed in accordance with this policy.
- (4) Where existing facilities are in place, new facilities shall be compatible with the existing installations and conform to this policy as nearly as practicable.
- (5) Franchise holders will be subject to any future charge as may be authorized by the Board of County Commissioners through a public process for ordinance adoption that may be required of the franchise holders for their use of County right-of-way.

### **B. DESIGN - GENERAL**

- (1) The utility shall be responsible for the design of the utility facility being proposed. This responsibility shall include, in addition to the integrity of the proposed utility facility, provisions for public safety during the course of construction as well as full consideration of traffic safety and accident potential for the life of the installation.
- (2) For work requiring application to the County, the County may review and approve the utility's plans with respect to:
  - a. location,
  - b. the manner in which the utility facility is to be installed,
  - c. measures to be taken to preserve safe and free flow of traffic,

## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

- d. structural integrity of the roadway, bridge, or other structure,
  - e. ease of future road maintenance, and
  - f. appearance of the roadway.
- (3) Provision shall be made for known or planned expansion of the utility facilities, particularly those located underground or attached to bridges or other structures within the right-of-way.
- (4) Granting of a franchise or "Authorization to Perform Work on County Right-of-Way" (Utility Permit) shall not imply nor be construed to mean the County shall be responsible for the design, construction, or operation of the facility or for public safety during its installation, operation and maintenance.
- (5) Whenever any of the streets, avenues, alleys, roads, highways, rights-of-ways, or public places designated in a utility franchise are eliminated from the County jurisdiction by reason of the incorporation or annexation to a city, then all the rights, privileges and franchises so granted for County roads so incorporated shall terminate in respect to the streets, avenues, alleys, roads, highways, rights-of-way and public places so eliminated. The utility shall be responsible to obtain a new franchise with the city covering the avenues, alleys, roads, highways, rights-of-ways and public places so annexed.

### **C. STANDARDS AND CODES**

All utility installations shall be designed in accordance with the standards, codes and regulations applicable to the type of utility. The methods of installation and materials used shall conform to the codes and standards promulgated by government and by the industry. This shall also include any road design standards which the County shall deem necessary to provide adequate protection to the road, its safe operation, appearance and maintenance.

### **D. ADJUSTMENT AND RELOCATION OF EXISTING FACILITIES**

- (1) Existing underground utilities on County road right-of-way may be required to be removed or relocated when road work funded by the County would disturb the existing underground utility. All such removal or relocation shall be at the sole expense of the owning

## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

utility and all work must be accomplished by the same permitting process as for new installations.

- (2) Notwithstanding reinforcement or protection otherwise provided, a permittee shall be responsible for the security of each existing pipeline and utility within a road construction zone. Where there are unusual utility hazards or where heavy construction equipment will be used, the permittee shall provide adequate temporary protection. In replacing the roadway, the design should give due consideration to the protection of previously existing utilities in the roadway section without sacrificing the geometrics of roadway design.
- (3) If, at any time, the County vacates any county street, avenue, alley, road, highway, right-of-way, or other County property which is subject to rights granted by a franchise and the vacation is for the purpose of acquiring the fee or other property interest in a new road, right-of-way or other County property for the use of the County, in either its proprietary or governmental capacity, the Board of County Commissioners may, at its option, by giving ninety days written notice to the utility and after granting an alternate route, terminate a franchise with reference to such County road right-of-way or other County property so vacated and the County shall not be liable for any damages or losses to the utility by reason of such termination and, if required, the utility shall move its franchise at its own cost. If, at any time, the County vacates any county street, avenue, alley, road, highway, right-of-way, or other County property the County shall also refer to Island County Code Chapter 12.03.070 Retention of Easements.

### **E. RISK MANAGEMENT**

- (1) By law (RCW 36.55.060) all franchise holders are liable to the County for all costs of (a) restoring the County road to a suitable condition after utility installation, and (b) removing and/or relocating utility installations when road work of any kind requires such removal or relocation, whether or not such requirements are included in the permit. At its option the County may also include such language in a franchise or permit.

## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

- (2) The County may specify the effects of non-compliance with the franchise or permit conditions, such as non-liability for improper installations.
- (3) The County may prescribe limitations on its liability for damage to the utility, including its non-responsibility for lost revenue, third party damages, etc.
- (4) In accepting a franchise or permit the applicant and the applicant's successors and assigns agree to protect and save harmless the County, its officials and its employees from all claims, actions, or damages of any kind and description which may accrue to or be suffered by any person or persons, corporation or property by reason of the performance of any construction, repair, improvement, or alteration work under a franchise or permit, including, but not limited to (1) work performed by the County or its contractors when the County has asked the utility owner to locate the utility and the utility owner has failed to do so; (2) the character of materials used or manner of installation, maintenance or operation; or (3) improper occupancy of rights-of-way or public places or public structures. In case any suit or action is brought against said County for damages arising out of or by reason of any of the above causes, the applicant and the applicant's successors or assigns will, upon notice or commencement of such suit or action, defend the County at his or their sole cost and expense and will fully satisfy any judgment should the said suit or action be determined adversely to the County.

### **5. PERMITS**

#### **A. GENERAL REQUIREMENTS**

For work authorized by franchise, comprehensive plan, or other agreement, an approved utility permit shall be required for the physical installation of the utility facilities. No facility shall be used for other than the purpose stated in the franchise unless written approval is granted by the County.

No work may commence to install the franchised utility prior to utility permit approval by the County Engineer.



## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

### **B. SPECIFIC REQUIREMENTS**

When required, utility permit applications shall be submitted in a standard format as prescribed by the County. At a minimum the permit application shall require the applicant to provide the following:

- (1) an agreement to all pertinent provisions of this policy and to such special conditions as the County may deem appropriate;
- (2) a general description of the facilities to be installed as to size, type, nature, operating pressure, transmittant and extent of installation;
- (3) adequate exhibits depicting existing or proposed location of the facility in relation to the road including right-of-way or easement lines, relationship to currently planned road revisions if applicable, and all locations and situations for which deviations in depth of cover (including the proposed method of protection) or other locational standards are anticipated; and
- (4) a summary of the effect the installation will have on the aesthetics of the road right-of-way and visible natural features.

### **6. SPECIFIC REQUIREMENTS - UNDERGROUND UTILITIES**

#### **A. UNDERGROUND UTILITIES - LOCATION AND ALIGNMENT**

- (1) For all crossings the angle of crossing should be as near a right angle to the road centerline as practicable. However, lesser angles may be permitted based upon economic considerations of practical alternatives.
- (2) Crossings shall avoid deep cuts, footings of bridges and retaining walls, or locations where highway drainage would be affected.
- (3) Longitudinal installations shall run parallel to the roadway and lie as near as practicable to the highway right-of-way line. Installations which cannot be so installed will be allowed within the right-of-way, provided that:
  - a. the installation will not adversely affect the design, construction, stability, structural integrity, traffic safety or impede normal maintenance operations as pertains to roadway, shoulder, ditch lines and backslopes;

**ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY  
FOR ISLAND COUNTY**

- b. failure to allow such installation will create an undue hardship or financial burden upon the utility;
- (4) where irregular shaped portions of the right-of-way extend beyond the normal right-of-way limits, a uniform alignment of facilities may be allowed; and
- (5) preferred locations shall be as described in ICC 11.01.080 Utilities a., b., and c. Nothing herein shall be construed to preclude the County Engineer from directing the installation of utilities to be placed in/at a specific location, depth or alignment in concurrence with Provision No. 4 GENERAL CONDITIONS AND REQUIREMENTS.

**B. UNDERGROUND UTILITIES - COVER**

- (1) The grade of and resulting cover for an underground utility shall be in compliance with applicable federal, state and county requirements unless otherwise specified.
- (2) The cover of the underground utility shall not be less than 36 inches (42 inches for fiber-optic cables) below the actual surface point of the installation within the road right-of-way including ditch bottoms, except that a lesser cover may be permitted where the utility is installed into solid rock.
- (3) Where less than the minimum cover is made necessary to avoid obstacles, the utility shall either be rerouted or protected with a casing, concrete slab or other method acceptable to the County.
- (4) Cover for utilities carrying transmittants which are flammable, corrosive, expansive, energized, or unstable shall not be reduced below the safety limits specified in the appropriate industry standards and specifications.

**C. UNDERGROUND UTILITIES - ENCASEMENT**

- (1) Casings shall be installed for underground roadway crossings where required by appropriate industry code.
- (2) Casings may be required for the following conditions:
  - a. as an expediency in the insertion, removal, replacement or maintenance of a carrier line crossing or other locations

## ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY

where it is necessary in order to avoid open trench construction;

- b. as protection for carrier lines from external loads or shock either during or after construction of a road; or
  - c. for jacked or bored installations of coated carrier lines unless assurance is provided to the County that there will be no damage to the protective coating.
- (3) Within the road right-of-way, where practicable, casing pipes shall extend beyond the toe of fill slopes, back of roadway ditch, or outside of curb.
  - (4) Other than for necessary vents and/or drains, casing pipes shall be sealed at both ends.
  - (5) Casing pipes shall be designed to support the load of the road and superimposed loads thereon and, as a minimum, shall equal the structural requirements for road drainage facilities. Casings shall be composed of materials of sufficient durability to withstand conditions to which they may normally be exposed.

### D. UNDERGROUND UTILITIES - UNCASSED CARRIERS

- (1) The carrier pipe shall conform to the material and design requirements of the appropriate utility industry and governmental codes and specifications.
- (2) The carrier pipe shall be designed to support the load of the road plus superimposed loads thereon when the pipe is operated under all ranges of pressure from maximum internal to zero pressure.
- (3) Suitable bridging, concrete slabs, or other appropriate measures as approved by the County shall be used to protect existing carriers which by reason of shallow bury or location makes them vulnerable to damage from road construction or maintenance operations.
- (4) Existing carriers may remain in place without further protective measures if they are of adequate depth and do not conflict with road construction or maintenance and provided that the utility and the County mutually agree that the lines are, and will remain, structurally sound and operationally safe.

## ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY

### E. UNDERGROUND UTILITIES - APPURTENANCES

- (1) Vents shall be required for casings, tunnels and galleries enclosing carriers of fuel where required by federal safety standards. Vent standpipes should be located and constructed so as neither to interfere with maintenance of the road nor to be concealed by vegetation. Preferably standards should stand by a fence or on the right-of-way line.
- (2) Drains shall be required for casings, tunnels or galleries enclosing carriers of liquid, liquefied gas or heavy gas. Drains for carriers of hazardous materials shall be directed to natural or artificial holding areas that will prevent the potential for surface or ground water contamination. Drains for which only water or other non-hazardous liquids may discharge may be directed into the roadway ditch or natural water course at locations approved by the County Engineer. The drain outfall shall not be used as a wasteway for routine purging of the carrier unless specifically authorized by the County.
- (3) Location markers and emergency information should be used when required by applicable state and federal standards. The County will not be liable for damage to concealed/unmarked appurtenances due to maintenance/mowing activities in County right-of-way.
- (4) Manholes should be designed and located in a manner that will cause the least interference to other utilities or future road expansion. Where practicable, installations in the pavement or shoulders should be avoided.
- (5) Manholes/meter covers placed in the roadway surface shall be placed so the manhole lid/meter cover is flush with the paved surface. If the County repaves a surface, resulting in a higher or lower pavement surface elevation, the utility shall adjust its manhole/meter cover elevation at its own expense and shall coordinate the manhole/meter cover elevation adjustment with the paving operation.
- (6) For all installations of fiber optic communication cables, a buried marker tape identifying the nature of the installation shall be included and placed 18 inches below the finished ground surface. If the cable is non-metallic, a metal locating wire shall also be required and be placed at the same depth as the fiber optic cable.

**ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY  
FOR ISLAND COUNTY**

**F. UNDERGROUND UTILITIES - INSTALLATION**

Installations shall ensure safety of traffic and preservation of the roadway structure, and required construction shall, unless otherwise provided in the approved permit, be in accordance with the following controls.

- (1) Road Cuts, trenched construction and backfill:
  - a. where the pavement must be removed, it first shall be cut in vertical (or undercut) continuous straight lines using appropriate procedures prescribed by the County;
  - b. trenches shall be cut to have vertical faces, where soil and depth conditions permit, with a maximum width of outside diameter of pipe plus 2 feet (shoring shall comply with Department of Labor and Industries Safety Code);
  - c. the pipe or carrier shall be installed and the trench backfilled in a manner assuring no deformation of the pipe likely to cause leakage and destruction of the structural integrity of the roadway structure (specific standards for trench backfill requirements regarding suitable materials and methods shall be provided by the County);
  - d. when trenching is approved on paved roads, the pavement shall be restored as required by the County; and
  - e. where possible, utilities should be placed in the same trench when trenching across County road surfaces is necessary. This will reduce the number of crossings and the adverse affects trenching tends to have on road surfaces.
- (2) Untrenched construction may be required for pipelines crossing roads paved with asphalt concrete or cement concrete and for roads paved with bituminous surface treatment when directed by the County.
  - a. If sufficient right-of-way exists, the length of untrenched construction shall extend a minimum of 4 feet from the edges of pavement except that a lesser distance may be permitted by the County Engineer where conditions warrant.

## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

- b. Backfill over utility line breaks, unused holes, or abandoned casings shall be placed as directed by the County Engineer.
  - c. Water boring (jetting) under roadways shall not be permitted.
  - d. Carriers and conduit installed under a roadway may be physically located prior to pipeline installation.
- (3) Plowing of communication and electrical lines on or adjacent to existing roads by means of a vibratory plow may be allowed by the County provided that the structural integrity of the roadway is not impaired and the required minimum cable lay depth can be achieved.

### **G. UNDERGROUND UTILITIES - ONE CALL SYSTEM**

- (1) Utility facilities shall be located and identified in accordance with Title 19 RCW. Chapter 19.122, sections 19.122.010 through 19.122.900 (Washington State One Call System).
- (2) The County shall require the uncovering of a fiber optic cable by the utility company for a visual locate when the depth and location cannot be adequately determined by a surface locate. In the event a utility chooses not to physically expose their underground fiber optic cable for visual locate as requested by the County the utility company shall assume all responsibility for any and all costs associated with the repair and/or replacement of said fiber optic cable if damage should occur.

## **7. SPECIFIC REQUIREMENTS - OVERHEAD UTILITIES**

### **A. POWER AND COMMUNICATION LINES**

- (1) Single pole construction and joint use of the pole is desirable and should be used whenever feasible.
- (2) The vertical clearance for overhead power and communication lines above the road and the minimum lateral and vertical clearance from bridges shall be in compliance with the National Electrical

# **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

Safety Code and Washington State Department of Labor and Industries "Electrical Construction Code," and/or with the clearances as shown below, whichever is greater:

<u>Line Type</u>	<u>Roadway Crossing</u>	<u>Longitudinal</u>
Communications	18'	14'
Electrical		
0 - 750 Volts	18'	15'
751 - 15,000 Volts	20'	18'
15,001 - 50,000 Volts	22'	20'

- (3) Where irregularly shaped portions of the right-of-way extend beyond the normal right-of-way limits, a uniform alignment of facilities shall be allowed.
- (4) Unless otherwise approved by the County, all above ground appurtenances that may constitute a roadside obstacle for traffic using the road shall be located as close as possible to the edge of the right-of-way line. Any above ground appurtenances so placed as to create a traffic safety hazard shall be moved by the utility/owner within 30 days of written notice from the County. If this is not done the utility/owner must hold harmless the County and defend the County in the event of a liability suit resulting from an accident. If, due to narrow right-of-way or other conditions as may be determined by the County, an adjacent to the right-of-way appurtenance still constitutes an unacceptable roadside obstacle, said obstacle must be (a) relocated to another place within the right-of-way, (b) converted to a breakaway design, (c) crash-protected, or (d) relocated to another location off the road right-of-way. If applicable, actions (a), (b), and (c) must be approved by the County Engineer as a condition of permit approval.
- (5) Guy wires to ground anchors and stub poles shall not be placed between a pole and the traveled way unless approved by the County Engineer in writing. Guy wires shall be sleeved from ground level up ten (10) feet to allow mower operators a means for distinguishing the guy wire from vegetative growth.

## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

### **8. AESTHETIC/SCENIC CONSIDERATIONS**

- A. Utility installations shall be designed and constructed to minimize any adverse effect on existing roadside amenities, natural or manmade. Special efforts shall be taken to minimize any negative impact on areas of scenic beauty (i.e., scenic strips, viewpoints, rest areas, recreation areas, public parks, or historic sites, etc.)
- B. Overhead utility installations shall be permitted in areas of scenic beauty when other utility locations are not available, are not technically feasible, are unreasonably costly, or are less desirable from the standpoint of visual quality.
- C. If the utility intends to use chemical sprays to control or kill weeds and brush, prior approval must be granted at least annually by the County. The County may limit or restrict the types, amounts, and timing of applications if a significant negative impact on the aesthetics of the area is anticipated, provided such limitations or restrictions are not in conflict with State law governing utility right-of-way maintenance.
- D. Refuse and debris resulting from the installation or maintenance of the utility facilities shall be promptly removed once work is completed.

### **9. INSTALLATIONS ON ROADWAY BRIDGES AND STRUCTURES**

- A. Attachment of utility lines to a roadway structure (including bridges) may be allowed where such attachment conforms to sound engineering considerations for preserving the roadway structure and their safe operation, maintenance and appearance.
- B. Any attachment shall be in accordance with the following:
  - (1) attachment of a utility shall not be considered unless the structure in question is of a design that is adequate to support the additional load and to accommodate the utility facility without compromise of highway features, including reasonable ease of maintenance;
  - (2) manholes and other utility access panels should be avoided within the roadway portion of the structure;
  - (3) attachment on a structure of a pipeline carrying a hazardous transmittant shall be avoided where practicable;



## **ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY FOR ISLAND COUNTY**

- (4) utility attachments shall not reduce the clearance of a structure where such clearance is critical and attachment to the outside of structures should be avoided where there are reasonable alternatives;
- (5) utility mountings shall be of a type which shall not create noise resulting from vibration;
- (6) any hole created in a structure abutment shall be sleeved, shall be of the minimum size necessary to accommodate the utility line and shall be sealed to prevent any leakage of water or backfill material;
- (7) the utility line back of the abutment shall curve or angle out to align outside the roadbed area in as short a distance as is operationally practicable;
- (8) communication and electrical power line attachments shall be suitably insulated, grounded, and preferably carried in protective conduit or pipe from point of exit from the ground to re-entry and carrier pipe and casing pipe shall be properly insulated from electric power line attachments; and
- (9) the utility shall be responsible for any restoration or repair of any portion of a structure or roadway disturbed by the utility installation or use.

### **10. MISCELLANEOUS PROVISIONS**

#### **A. PRESERVATION, RESTORATION AND CLEANUP**

- (1) The size of any disturbed area necessary to install a utility shall be kept to a minimum.
- (2) Restoration methods shall be in accordance with the specifications of the County and/or a special provisions of the franchise, permit, or agreement.
- (3) Unsatisfactory restoration work shall be promptly corrected by the utility. If necessary, unsatisfactory restoration work may be corrected by the County and billed to the utility.

**ACCOMMODATION OF UTILITIES ON COUNTY ROAD RIGHT-OF-WAY  
FOR ISLAND COUNTY**


**B. TRAFFIC CONTROL AND PUBLIC SAFETY**

- (1) Traffic controls, including detours for all utility work, shall conform with the currently applicable "Manual on Uniform Traffic Control Devices for Streets and Highways."
- (2) All construction and maintenance operations shall be planned to keep interference with traffic to an absolute minimum. On heavily traveled roads, construction operations interfering with traffic should not be scheduled during periods of peak traffic flow. Work shall be planned so that closure of intersecting streets, road approaches or other access points is held to a minimum.

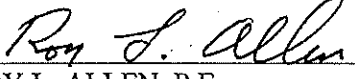
**C. EMERGENCY REPAIRS**

- (1) All utility facilities shall be kept in a good state of repair. Emergency repairs shall be undertaken in a timely manner.
- (2) If emergency repairs disturb the right-of-way, such repairs and any required restoration may be immediately undertaken. Approval as to the manner of final restoration of the right-of-way shall be secured from the County in a timely fashion.

APPROVED AS TO FORM:

  
\_\_\_\_\_  
ARNE O. DENNY  
DEPUTY PROSECUTING ATTORNEY  
ISLAND COUNTY, WASHINGTON

APPROVED the 15<sup>th</sup> day of MAY, 1996

  
\_\_\_\_\_  
ROY L. ALLEN, P.E.  
ISLAND COUNTY ENGINEER

APPROVED the 15<sup>th</sup> day of MAY, 1996  
BOARD OF COUNTY COMMISSIONERS  
ISLAND COUNTY WASHINGTON

  
\_\_\_\_\_  
TOM SHAUGHNESSY/CHAIRMAN