



DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE., P.O. BOX 90012
BELLEVUE, WA 98009-9012

OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

File No. 14-126071-LM

Project Name/Address: Programmatic SEPA for Utility Infrastructure/
Citywide

Planner: Reilly Pittman

Phone Number: 425-452-4350/rpittman@bellevuewa.gov

Minimum Comment Period: April 3, 2014

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map
- Plans
- Other: Project Narrative

OTHERS TO RECEIVE THIS DOCUMENT:

- State Department of Fish and Wildlife / Stewart.Reinbold@dfw.gov; Christa.Heller@dfw.wa.gov;
- State Department of Ecology, Shoreline Planner N.W. Region / Jobu461@ecy.wa.gov; sepaunit@ecy.wa.gov
- Army Corps of Engineers Susan.M.Powell@nws02.usace.army.mil
- Attorney General ecyolyef@atg.wa.gov
- Muckleshoot Indian Tribe Karen.Walter@muckleshoot.nsn.us; Fisheries.fileroom@muckleshoot.nsn.us

2014-02-26

City of Bellevue Utilities Department

**Attachment to Pre-SEPA Application
for Programmatic SEPA Review for specified minor utility replacement projects.**

**Utility Contact Person: Mark Cross
Associate Planner
Bellevue Utilities Department
450 110th Ave. NE
Bellevue, WA 98004
425-452-6938**

I. REQUEST/PROPOSAL DESCRIPTION

The City of Bellevue Utilities Department proposes a Programmatic State Environmental Policy Act (SEPA) Review to cover a specific set of projects where sections of stormwater, water, and sewer infrastructure pipeline would be installed or replaced by a larger diameter pipeline. These projects include investments to maintain aging systems, to replace components that are reaching the end of their useful life, or projects necessary to meet system capacity as a response to growth and demand on the system. Projects will be designed and constructed in furtherance of the priorities and projects listed in the 2014 to 2020 Capital Improvement Plan.

Different types of projects could be located within the following three different settings:

Type 1 In City Right of Way or Easements Outside of Critical Areas;

Type 2 In City Right of Way or Easements within wetlands, geologic hazard area and streams including stream buffers;

Type 3 In City Right of Way or Utility Easements within buffers to wetlands and geologic hazard areas.

This proposal will apply to the following City of Bellevue Utility actions within the three different settings approved in August 26, 2010 SEPA Programmatic Determination of Non-Significance with the proposed changes indicated in redlined format below:

Type 1 Utility Projects in City Right of Way (ROW) or Public Easements Outside of Critical Areas.

Projects within improved or unimproved rights-of-way (ROW) or public easements that are outside of critical areas, buffers or setbacks must meet the following to be covered by this programmatic SEPA Determination of Non-Significance (DNS).

- New or expanded utilities can exceed 8 inches in diameter in the improved/unimproved ROW and public easement.

- Pipe size is not limited within the area of permanent improvements within the ROW or within an easement with is currently paved for a parking lot or similar use or where non-native vegetation is maintained. Permanent improvements include impervious surfaces and areas where vegetation is regularly maintained or mowed. This includes roadside ditches used for roadside drainage, as long as such ditches are not also streams. (See Exhibits A, B, and D.)
- Utilities may be attached to an existing bridge with no limit to pipe size, except that dictated by the capacity of the structure to accommodate the utility and provided that utilities may be within the fill slope of the road prism not within the existing improved area.
- Appearances such as valves, manholes, catch basins, etc. are included as long as the disturbed area related to the roadway or the area originally disturbed in a utility easement is not increased.
- If utilities are part of a Transportation project, the Transportation project must also be SEPA exempt, and utilities must be installed within are area of disturbance of the Transportation project, otherwise separate SEPA review is required associated with the transportation project.
- Placement of open streams into pipes or relocation or alteration of the configuration of existing stream culvers or closed streams is not included in this programmatic SEPA DNS and requires separate SEPA review.
- When utilities cross streams the utility must be within the improved area of the roadway at a depth above or below the stream culvert which does not restrict the future replacement of a culvert of fish barrier removal. The depth of the utility above the culvert will be determined by establishing the natural stream bottom elevation both upstream and downstream of the culvert and providing at least 48 inches of clearance above the line of stream bottom elevation projected through the road prism for streams or at least 24 inches of clearance below the line of stream bottom elevation for less than 5 cubic-feet-second flow and determined on a case-by-case basis for larger streams. (See Exhibit C.)
- All work in an easement must be in an area that was previously disturbed and cleared for construction.

Type 2 Utility Projects in Right of Way (ROW) or Public Easements within Critical Areas, Wetlands, Geologic Hazard areas and Streams, including Stream Buffers.

Projects within improved or unimproved rights-of-way (ROW) or public easements within critical areas or stream buffers must meet the following to be covered by this programmatic SEPA Determination of Non-Significance (DNS). Note: Improved ROW is not included in stream buffers pursuant to LUC 20.25H.075.C.2.b if the part of the critical area buffer on the other side of the right-of-way provides insignificant biological or hydrological function in relation to the portion of the buffer adjacent to the stream.

- Utilities projects which are in a wetlands, geologic hazard areas and streams including stream buffers (riparian corridor) and result in a material expansion and Require a Critical Areas Land Use Permit pursuant to LUC 20.25H.055 require SEPA review associated with the Critical Areas Land Use Permit and are not addressed by this programmatic SEPA review.
- Utilities projects which are in a wetlands, geologic hazard area and stream including stream buffer (riparian corridor) and are a repair, replacement or expansion and meet the standards of LUC 20.25H.055 footnotes 1 and 2 of **not** requiring a Critical Areas Land Use Permit because the area of permanent disturbance of the critical area or critical area buffer is not expanded are subject to the following provisions.
 - Projects can be only within Type F, N and O stream types: Not allowed in Type S.
 - No projects within the Shoreline Overlay District which includes Lake Washington, Lake Sammamish, Phantom Lake, Mercer Slough, and Lower Kelsey Creek are included in this programmatic SEPA DNS.
 - For repair and maintenance or in-kind replacement, no disturbance in easements is allowed outside the area disturbed by the original construction.
 - For expansion, no disturbance is allowed outside the area of permanent disturbance. Any expanded facility must be consistent with adopted utility plans which have undergone SEPA review. (See Exhibit E.)
 - Utilities within wetlands, streams, ponds or stream buffers must be bored or drilled under the critical area: steep slopes forming stream buffers must also be bored or drilled. Bore pits must be located outside critical area or stream buffer, except that bore pits may be located within areas of existing permanent disturbance within stream buffers. (See Exhibit F.)
 - Projects in steep slope critical areas must be
 - Within existing utility access or maintenance corridor used by the Utilities Department as indicated on Exhibit H and do not require boring unless part of a stream buffer.
 - No disturbance in easements is allowed outside the area disturbed by the original construction.
 - A geotechnical report must document that the steep slopes are not unstable and that the installation will not result in a decrease in stability
- Replacement of stormwater pipes which are enclosing segments of streams are not included as part of this programmatic SEPA DNS.
- Any disturbed area must be restored with native plants that may use the City's planting templates in the Critical Areas Handbook. The area of disturbance must be restored prior to final inspection or within 30 days following work completion.

- Tree removal from critical areas or stream buffers is not allowed.
- Work shall be consistent with all applicable City of Bellevue codes and standards: All permits required will be obtained by the Utilities Department prior to commencing work.

Type 3 Utility Projects in Right of Way (ROW) or Public Easements in a Wetlands or Geologic Hazard areas Buffer (Excluding Streams) or Structure Setback.

Projects expanding existing systems in a buffer (excluding stream buffer) or structure setback which result in a pipe size more than 8 inches must meet the following to be covered by this programmatic SEPA Determination of Non-Significance (DNS).

- Utilities must be existing within the buffer or setback and cannot be an entirely new system component.
- No projects within the Shoreline Overlay District which includes Lake Washington, Lake Sammamish, Phantom Lake, Mercer Slough, and Lower Kelsey Creek are included in this programmatic SEPA DNS.
- Utilities projects which require a Critical Areas Land Use Permit pursuant to LUC 20.25H.055 require SEPA review associated with the Critical Areas Land Use Permit and are not addressed by this programmatic review.
- Utilities projects which are in a critical areas buffer or setback (excluding stream buffer) must meet the standards of LUC 20.25H.055 footnotes 1 and 2 of not requiring a Critical Areas Land Use Permit because the area of permanent disturbance of the critical area or critical area buffer is not expanded. If a Critical Areas Land Use Permit is required pursuant to LUC 20.25H.055 the project will require SEPA review associated with the Critical Areas Land Use Permit and are is addressed by this programmatic review.
 - Projects can be only within Type F, N and O stream types: Not allowed in Type S.
 - No projects within the Shoreline Overlay District which includes Lake Washington, Lake Sammamish, Phantom Lake, Mercer Slough, and Lower Kelsey Creek are included in this programmatic SEPA DNS.
 - For repair and maintenance or in-kind replacement, no disturbance in easements is allowed outside the area disturbed by the original construction.
 - For expansion, no disturbance is allowed outside the area of permanent disturbance. Any expanded facility must be consistent with adopted utility plans which have undergone SEPA review.
- Pipes should be bored or drilled to qualify as not expanding disturbance unless the affected buffer area is permanently disturbed and maintained in non-native vegetation (See Exhibit G.). Entry/exit pits should not be located in a buffer except where

located within areas of existing permanent disturbance within buffer. (See Exhibit F.) Other installation techniques than boring may be allowed if vegetation within the buffer is degraded and restoration will improve ecological functions or if no other alternative is demonstrated to Land Use Staff.

- No new impervious surface is allowed within buffers or setbacks.’
- Any temporary disturbance is required to be restored to existing or better condition. Permanent disturbance results if project work occurs for more than one growing season and is not included in this programmatic DNS. Removal of trees less than 4 inches in diameter is allowed as temporary disturbance. Removal of significant trees as defined in LUC 20.50.046 is prohibited.
- Projects which will cause temporary disturbance within buffers or structure setbacks must photo-document the area of disturbance (pre-construction) and note any disturbed areas on the plans as part of the development permit applications.
- Any disturbed area must be restored with native plants that may use the City’s planting templates in the Critical Areas Handbook. The area of disturbance must be restored prior to final inspection or within 30 days following work completion.
- Monitoring of restored areas is required for at least a 1-year period which may be extended depending upon the scale of restoration needed for a specific project.
- Work shall be consistent with all applicable City of Bellevue codes and standards: All permits required will be obtained by the Utilities Department prior to commencing work.

All projects must meet the following general performance standards:

- Tree Removal: No trees in wetlands, streams, stream buffers or steep slopes can be removed. No tree removal should be needed as utilities will be bored under wetlands, streams and their buffers and work on steep slopes will be within the existing access roads and corridors. No tree larger than 4 inches in diameter can be removed within buffers or setbacks, excluding stream buffers.
- Areas of temporary disturbance: Temporary disturbance is any work which lasts less than one growing season. Projects with impacts over one growing season are causing permanent disturbance and are not covered by this programmatic SEPA DNS.

II. SITE DESCRIPTION, ZONING, & LAND USE CONTEXT

The Programmatic Permit and SEPA Review include locations throughout the City of Bellevue. The subject activities are occurring within a wide variety of zoning districts from residential to commercial to light industrial. Subject activities occur in City right-of-ways; easements outside of critical areas; wetlands, streams, and lakes not within shoreline jurisdiction; and critical area steep slopes.

III. POTENTIAL IMPACTS AND MITIGATION

This programmatic environmental review indicates no probability of significant adverse environmental impacts occurring as a result of the proposal. The Environmental Checklist submitted with the application discloses expected environmental impacts associated with the proposal. The City codes and requirements, including the Clear and Grade Code, Utility Code, Land Use Code, Noise Ordinance, Building Code and other construction codes are expected to mitigate potential environmental impacts. Therefore, issuance of a Determination of Non-Significance (DNS) is the appropriate threshold determination under the State Environmental Policy Act (SEPA) requirements.

The primary purpose of the proposed programmatic SEPA review is to address instances where an existing or new system or facility is proposed that is larger than 8 inches in diameter and is therefore not a categorical exemption provided in WAC 197-11-800(23)(b). These utility exemptions continue to apply in Critical Areas pursuant to BCC 22.02.032.D. This programmatic SEPA review assesses potential impacts of projects which will have a pipe size large than 8 inches in diameter.

A. Earth and Water

Bellevue's rainy season work restrictions and Best Management Practices (BMP) for erosion and sedimentation control will limit the potential for detrimental impacts from erosion and sedimentation. The majority of the proposed projects are anticipated to be within the improved portions of road rights-of-way (sidewalk to sidewalk) and easements where previous disturbance occurred at the time of initial installation and where paving for parking lots or ornamental vegetation has been maintained.

Stockpiled material will be temporarily stored in the existing road prism. Work will consist of breaking the existing pavement and excavating a ditch to install the facility.

Facilities crossing streams in existing road prisms will be installed above or below the existing culvert and the utility installation will be required to be at a depth above or below the culvert that would not restrict the future replacement of a culvert that is a barrier to fish movement. This will be confirmed on fish bearing streams by establishing upstream and downstream natural stream bottom elevation and providing at least 48 inches of clearance above or 36 inches below the line of stream bottom elevation projected through the road prism for streams of less than 5 cfs flow. For streams with larger flow the determination of needed clearance will be made on a case-by-case basis.

Where utilities are installed in conjunction with a minor road and street improvement that is exempt as provided in Washington Administrative Code (WAC) 197-11-800(2)(c) provided the utility installation will be located in the area otherwise cleared and graded by the exempt road and street improvement and will not add disturbed area.

Pipelines that cross wetlands and streams must be bored or drilled under those resource areas. Buffers are maintained, except in those cases where buffers are currently disturbed and restoration after installation will improve ecological conditions.

Within critical area steep slopes replacement or expanded pipelines by a pipelines will be located within the existing utility corridor in which native vegetation has been removed and

which is used periodically by utility. No disturbance would occur outside the area disturbed for original installation. A geotechnical report must document that the slopes are not unstable and that the installation will not result in a decrease in stability.

BMPs required by the Clearing and Grading Code will include:

- Silt fencing which will provide a barrier to sediment leaving the site in stormwater runoff.
- Catch basin inlet protection which will assure that materials carried by rain and runoff will be intercepted and discharge to the storm drainage system and ultimately streams will be reduced.
- Temporary sedimentation ponds which will assure that sediments carried by rain and runoff will be allowed to settle prior to discharge to the storm drainage system, reducing the sediment load into the streams the runoff eventually enters.
- Covering for slopes and stockpiles which will reduce the potential that excavated and stockpiled materials will be eroded by rainfall or transported in runoff.
- Others as needed

Turbidity monitoring may be required for work in or near streams and wetlands.

For work within the City's right-of-way a Right of Way Use Permit will be required and reviewed by the Transportation Department.

B. Air

Air quality emissions from construction activities are a minor component of regional air pollutants. There are areas in Bellevue that do not conform to air quality standards. Construction activities are not likely to have local or regional impacts.

C. Plants and animals

The majority of work under this programmatic permit will be completed in existing road prisms, utility corridors, and easements where non-native vegetation is established. There is the potential for installation to occur within buffers that have been previously disturbed. Replacement will be completed such that the width of the corridor of disturbance is limited and no trees greater than 4 inches in diameter are removed, and the disturbed area is subsequently restored.

Projects on the fringe of critical areas can affect habitat for reptiles, amphibians, birds and mammals. The proposed activities are designed to be minimally invasive for short periods of time. Native vegetation largely will not be affected. Trees larger than 4 inches in diameter will not be removed. The requirement for boring under wetlands and streams and in most buffers will limit direct impacts. Entry and exit pits will be located outside of buffers except where existing vegetation within buffers is degraded. Restoration requirements will provide for restoration, and in some cases likely improvement of ecological functions of buffers.

D. Noise

Proposed utility installations may occur adjacent to various land uses. Construction noise is limited by the City's Noise Ordinance (Chapter 19.18 BCC) which regulates hours and noise levels and achieves acceptable levels of temporary noise impacts generally acceptable to the affected community.

Exhibits

- A. Facilities in Existing Improved Roads Outside of Critical Areas and Buffers (Cross Section)
- B. Facilities in Existing Improved Roads Outside of Critical Areas and Buffers (Plan View)
- C. Facilities Crossing Streams In Existing Road Prism
- D. Facilities on Easements Outside of Critical Areas
- E. Facilities on Easements Within Critical Areas
- F. Facilities within Critical Areas and Buffers not Within Shoreline Jurisdiction, Facilities Perpendicular to Buffer
- G. Facilities within Critical Areas and Buffers not Within Shoreline Jurisdiction, Facilities in and Parallel with Buffer
- H. Facilities within Critical Area Steep Slopes

Received

City of Bellevue Submittal Requirements

MAR 04 2014

27a

ENVIRONMENTAL CHECKLIST Permit Processing
City of Bellevue

4/18/02

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.

BACKGROUND INFORMATION

Property Owner: **City of Bellevue Utilities**

Proponent: **City of Bellevue Utilities**

Contact Person: **Mark Cross, Associate Planner, Utilities Department**

(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: **450 110th Ave. Bellevue, WA 98004**

Phone: **425-452-6938**

Proposal Title: **Preliminary SEPA (LM) Utility Project Review for specified classes of minor utility replacement projects and limited new installation.**

Proposal Location: **Citywide**

(Street address and nearest cross street or intersection) Provide a legal description if available.

Please attach an 8 1/2" x 11" vicinity map that accurately locates the proposal site.

Give an accurate, brief description of the proposal's scope and nature:

1. General description: **See project description below and attached detailed description**

2. Acreage of site: **Varies – see attached project description**

3. Number of dwelling units/buildings to be demolished: **None**

4. Number of dwelling units/buildings to be constructed: **None**

5. Square footage of buildings to be demolished: **None**

6. Square footage of buildings to be constructed: **None**

7. Quantity of earth movement (in cubic yards): **Varies – see project description below and attached detailed description**

8. Proposed land use: **Use is utility facility, adjacent land use varies**

9. Design features, including building height, number of stories and proposed exterior materials:

See project description below and attached detailed description

10. Other **Varies – see project description below and attached detailed description**



Estimated date of completion of the proposal or timing of phasing:

The proposed permit is for a 3-year time period **Additional time may be allowed.**

Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

The scope of the proposal will not change during the initial 3 year period. Future applications may be changed based on the experience of the initial implementation.

List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

None

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. List dates applied for and file numbers, if known.

None known

List any government approvals or permits that will be needed for your proposal, if known. If permits have been applied for, list application date and file numbers, if known.

None

Please provide one or more of the following exhibits, if applicable to your proposal.

(Please check appropriate box(es) for exhibits submitted with your proposal): **None**

Land Use Reclassification (rezone) Map of existing and proposed zoning

Preliminary Plat or Planned Unit Development

Preliminary plat map

Clearing & Grading Permit

Plan of existing and proposed grading
Development plans

Building Permit (or Design Review)

Site plan
Clearing & grading plan

_Shoreline Management Permit

Site plan

Clearing and Grading and Right-of-Way permits will be required depending upon project location.

RP

PROJECT DESCRIPTION

This SEPA checklist applies to the following City of Bellevue Utility project actions within City of Bellevue limits:

Past use of this programmatic approval was primarily is for pipes greater than eight inches in diameter under improved city right of way.

A. Facilities in Existing Improved Roads

This project type involves installation of any size piped utility system within the improved portion of any existing public or private street, provided that the utility installation does not increase the area already cleared and graded by the existing street improvement.

B. Facilities in Existing Bridges, Including Approaches

This project type involves installation of piped utility system attached to an existing bridge, provided that the utility installation does not increase the area otherwise already cleared and graded by the existing bridge and approaches.

C. Facilities Crossing Streams in Existing Road Prism

This project type involves installation of piped utility system) within the improved portion of any existing public street or private street that crosses over a stream utilizing a culvert for stream passage provided that:

- The utility installation does not increase the area otherwise already cleared and graded by the existing improvement.
- The utility installation is above or below the existing culvert and does not alter the configuration of the culvert and does not limit the potential to replace culverts at the natural stream gradient.

D. Facilities Installed in Conjunction with Exempt Road Improvements

This project type involves installation of piped utility system (up to 24-inch-diameter water and sewer, up to 36-inch-diameter stormwater) within the area of a minor road and street improvement that is exempt as provided in Washington Administrative Code (WAC) 197-11-800(2)(c) provided that the utility installation does not increase the area otherwise cleared and graded by the exempt road and street improvement.

E. One to One Replacement within Wetlands, Streams, and Lakes not within Shoreline Jurisdiction

This project type involves replacement of an existing utility pipeline by a pipeline that serves the same function (connects the same elements of the system). Installation limitations consist of:

- Any type of type of wetland
- Type F water, Type N water, or Type O water, but not including a Type S water (shoreline)

Provided that the utility installation:

- Is bored, drilled, or otherwise installed under wetland or the bed of the stream;
- Is installed in a permanent carrier pipe of steel or similar durable material; and
- The portion within the buffer is either:
 - Bored, drilled, or otherwise installed below the surface, or
 - Is installed in a buffer if the buffer is currently disturbed, no trees greater than 4 inches in diameter are removed, and the disturbed area is subsequently restored.

F. One to One Replacement within Critical Area Steep Slopes

This project type involves replacement of any existing pipeline by a pipeline that serves the same function (connects the same elements of the system). Installations

RP

- Must be located within the existing utility corridor maintained for utility access, which results in no disturbance is allowed outside the area disturbed for original installation.
- A geotechnical report must document that the slopes are not unstable and that the installation will not result in a decrease in stability.

RP

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (underline): flat, rolling, hilly, steep slopes, mountainous, other.

Topography in the city varies greatly. For these elements of the proposal, work on roads generally would be within an improved surface likely ranging from a 2% to 6% slope and in rare cases up to a 15% slope. Work in roadways will not increase the area already cleared and graded by the existing street improvement. Utilities in easements traverse a range of topography.

- b. What is the steepest slope on the site (approximate percent slope)?

The steepest slopes within the project area for easements outside of Critical Areas will be based on the slope of the existing utility corridor generally ranging from 2% to 6% and in rare cases up to 20%. In some cases, utility corridors exist across former steep slopes and are located in previously disturbed areas usually with a temporary narrow roadway above the pipeline for utility access.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

The native soil types will vary between sites; however, the work will be conducted in improved road prisms. Therefore, native soil would be encountered only in cases where the utilities are in native soils below filled areas.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

For work conducted in improved road prisms, unstable soils will have previously been addressed for the immediate vicinity. For work in geologic hazard areas, a geological assessment will be required to assure that projects do not result in unstable conditions.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Quantities would vary on a case-by-case base depending largely upon depth of utility facilities. Utility installation will not increase the area already cleared and graded by the existing street improvements or previously excavated in utility easement. If clean backfill is required, it will be generated from off-site.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Temporary erosion may occur during and immediately following activities. Standard erosion control Best Management Practices (BMPs) will apply to the project as noted in "h" below. Additionally, all material excavated or stockpiled must be within the limits of the improved curb to curb or should to shoulder improved portion of the roadway.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

No new impervious surface will be added to the sites as part of the utility action.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Implementation of temporary erosion control measures and BMPs will be used during installation, including:

- Silt fencing which will provide a barrier to sediment leaving the site in stormwater runoff.
- Catch basin inlet protection which will assure that materials carried by rain and runoff will be intercepted and discharge to the storm drainage system and ultimately streams



will be reduced.

- Temporary sedimentation ponds which will assure that sediments carried by rain and runoff will be allowed to settle prior to discharge to the storm drainage system, reducing the sediment load into the streams the runoff eventually enters.
- Covering for slopes and stockpiles which will reduce the potential that excavated and stockpiled materials will be eroded by rainfall or transported in runoff.
- Others as needed

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Traffic associated with construction activities may increase congestion, which would temporarily increase emissions from idling vehicles.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

The overall project will include typical mitigation measures to minimize short-term air quality effects caused by dust and heavy equipment emissions. Mitigation measures include:

- **Require all City crews and contractors to comply with Puget Sound Clean Air Agency (PSCAA) regulations for dust control during construction.**
- **Maintain the engines of equipment according to manufacturers' specifications.**
- **Minimize idling equipment while not in use.**

3. Water

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Throughout Bellevue there is a variety of surface water in the immediate vicinity of areas with utilities. In general; however, roads and utilities are not located in the immediate vicinity of surface water. Type and name of surface water varies by location.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Based on the project location, it is possible that installation will occur within 200 feet of surface water. All new utility installation work and excavated and stockpiled material will be confined to the improved portion of the roadway. In the case of work within easements, BMPs will be implemented in order to limit the material that will migrate into nearby surface water.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.



No.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

This varies by project location.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

- b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

- c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Possible stormwater runoff generated at the site during completion of interim actions will be properly controlled using temporary erosion control measure and applicable BMPs to eliminate off-site runoff potential.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

No. Proper control measures will be implemented.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

During utility installation, specific Best Management Practices (BMPs) associated with the specific location and types of action would be applied. Generally the BMPs isolated excavated material from action of rainfall and other sources of erosion and intercept sediment before it can enter stormwater collection systems and streams.

4. Plants

All Proposed Project Types and settings

- a. Check or circle types of vegetation found on the site:

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

RP

x water plants: water lily, eelgrass, milfoil, other

 x other types of vegetation

Varies based on location.

- b. What kind and amount of vegetation will be removed or altered?

The kind and amount of vegetation to be removed or altered will vary by location and will be generally within existing road improvements. Utility facilities installed in an existing road improvement or utility corridor, in which native vegetation has been removed and non-vegetated surface is maintained will not remove native vegetation and will be restored following installation.

No wetland or stream vegetation would be disturbed because the installation would be bored beneath the resource. Portions of utility actions in this type of location may include installation within a buffer associated with a stream if the buffer is currently disturbed. No trees greater than 4 inches in diameter would be removed.

- c. List threatened or endangered species known to be on or near the site.

No plant species of federal concern or included in the Washington Natural Heritage Program database will be removed or altered. It is unlikely that endangered plant species would be present in areas previously disturbed for utility installation.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

The disturbed buffer area will be restored following utility replacement as part of the proposal.

5. Animals

- a. Underline any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other

mammals: deer, bear, elk, beaver, other

fish: bass, salmon, trout, herring, shellfish, other

Varies by location.

- b. List any threatened or endangered species known to be on or near the site.

Varies by location. Generally such species are associated with more intact natural settings which generally are associated with critical areas or large areas of open space.

- c. Is the site part of a migration route? If so, explain.

The City of Bellevue is located within the Pacific Coast Flyway. This intercontinental migration corridor includes Puget Sound and supports a variety of species.

- d. Proposed measures to preserve or enhance wildlife, if any:

Where native vegetation is present, it will be restored after construction, particularly in critical areas and buffers.

As stated prior, disturbance of native vegetation is not proposed within critical areas and buffers.

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

RP

Electricity and petroleum fuels may be used to operate equipment during the installation of facilities.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None.

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.

No.

- 1) Describe special emergency services that might be required.

It is not anticipated that special emergency services will be required for the project.

- 2) Proposed measures to reduce or control environmental health hazards, if any:

No environmental health hazards are expected to occur.

- b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

No existing noises in the area are expected to affect the project.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Construction vehicles and equipment will generate temporary noise during clearing, excavation, and placement of backfill. Utility action will occur during the hours permitted by the City of Bellevue for construction noise.

- 3) Proposed measures to reduce or control noise impacts, if any:

Project construction hours will be limited to the City's standard construction hour requirements.

8. Land and shoreline use

All Proposed Project Types and settings

- a. What is the current use of the site and adjacent properties?

The project locations are within existing road improvement or utility corridors. Adjacent land use near utility easements varies widely.

- b. Has the site been used for agriculture? If so, describe.

No.

- c. Describe any structures on the site.



Structures may be present on sites where utilities are in easements, but utility corridors will not affect structures.

- d. Will any structures be demolished? If so, what?

No.

- e. What is the current zoning classification of the site?

Varies by location. Right of way generally has the same zoning as surrounding land.

- f. What is the current comprehensive plan designation of the site?

Varies by location.

- g. If applicable, what is the current shoreline master program designation of the site?

Some roadways subject to this provision may be within shoreline jurisdiction. designation would vary but generally would be "urban".

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Varies by location. Provisions are made for limited work in wetlands geological hazard areas and streams and associated buffers. Work in critical areas will not result in additional disturbance beyond that provide for initial utility installation. For wetlands and streams utilities must be bored or drilled.

- i. Approximately how many people would reside or work in the completed project?

None.

- j. Approximately how many people would the completed project displace?

None.

- k. Proposed measures to avoid or reduce displacement impacts, if any:

None required based on the type of locations.

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Projects to be completed include water, sanitary sewer, and storm drainage projects based on the current City of Bellevue Capital Improvement Plan.

This programmatic does not apply within area in Shoreline Jurisdiction. The SMP

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

No housing units will be eliminated by the project.

- c. Proposed measures to reduce or control housing impacts, if any:

None needed.

RP

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

No new above grade structures are associated with the project.

- b. What views in the immediate vicinity would be altered or obstructed?

No views will be altered or obstructed.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

None needed.

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None.

- b. Could light, or glare from the finished project be a safety hazard or interfere with views?

No light or glare will occur as a result of the finished project.

- c. What existing off-site sources of light or glare may affect your proposal?

None.

- d. Proposed measures to reduce or control light and glare impacts, if any:

None needed.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

This will vary by project location.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

No impacts on recreation are expected during utility action.

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

Based on the types of locations where utility actions will take place, no sites are listed on or proposed for national, state, or local preservation registers.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

This will vary by project location.

- c. Proposed measures to reduce or control impacts, if any:



Based on the types of locations where utility actions will take place, it is not expected that they will not impact any historic, cultural, or archaeological resources.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

The project areas are served by a variety of public streets with some located within the roadway prism. Specific streets and highways vary by location.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

Varies by location.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

None.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No.

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

None.

- g. Proposed measures to reduce or control transportation impacts, if any:

No transportation impacts are expected for the completed project. Temporary impacts to transportation may occur during construction.

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

The project will not directly or adversely affect public services.

16. Utilities

- a. Underline utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.



No additional utility demand will be created.

These projects will directly replace water, sewer and stormwater utilities. Electricity, natural gas and telephone utilities are often located within the same rights-of-way and may affect the other utilities.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

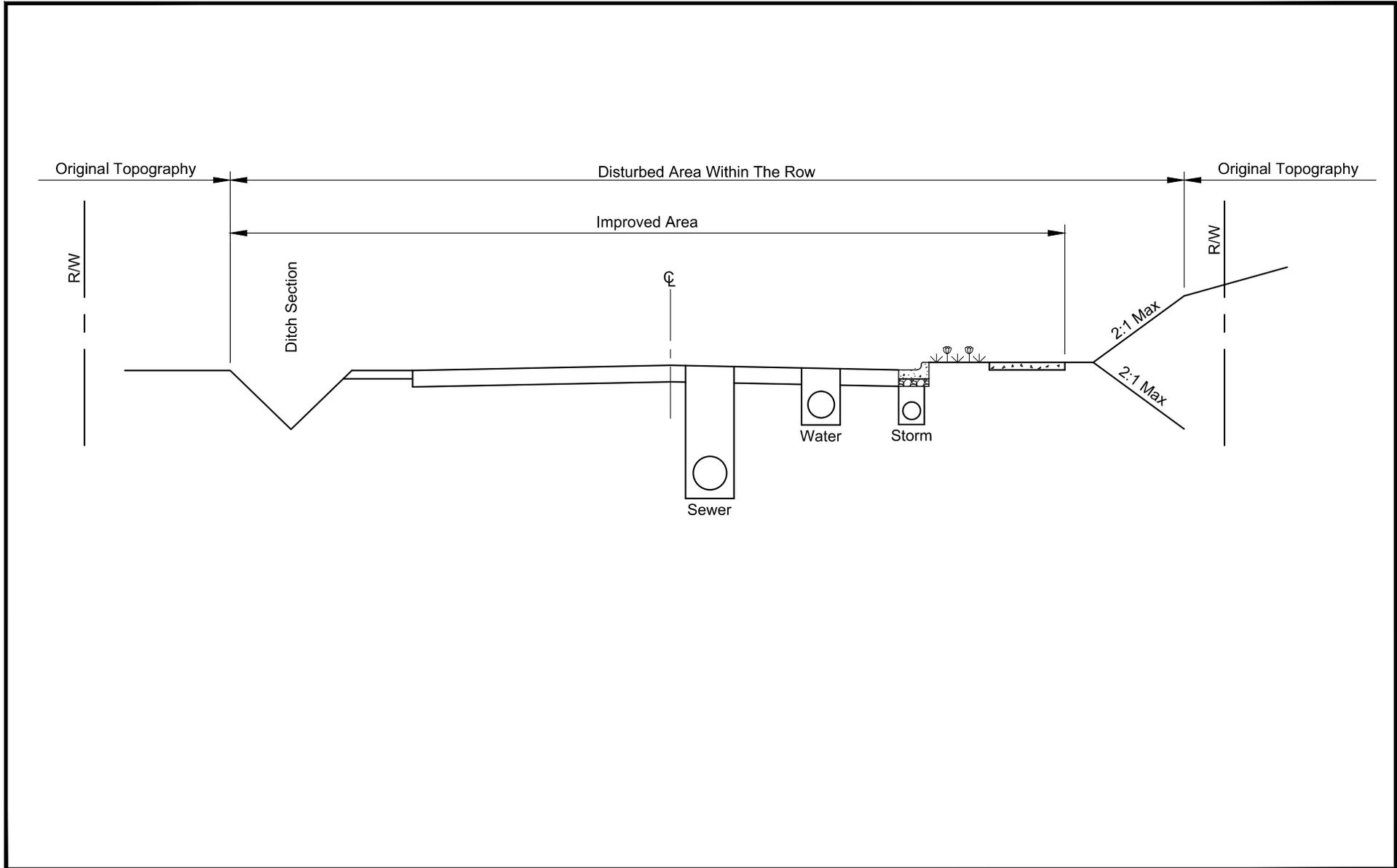


David E. Sherrard

Date Submitted: February 26, 2014

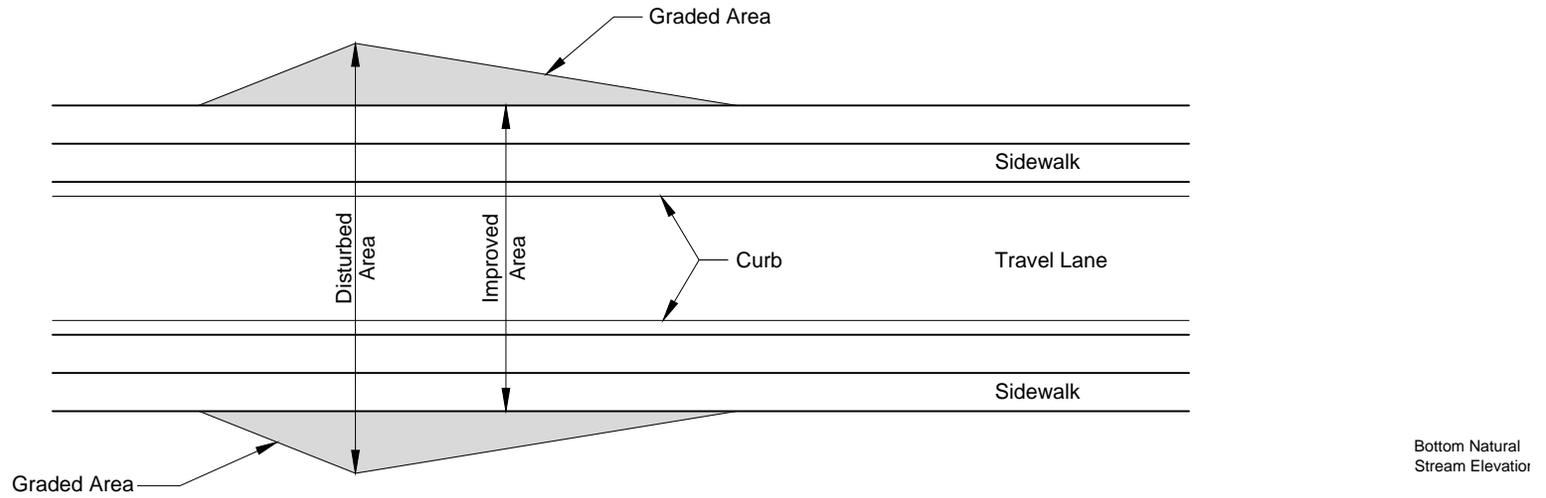
Parametrix Inc.
411 108th Avenue NE, Suite 1800
Bellevue, WA 98004
425-458-6374
dsherrard@parametrix.com





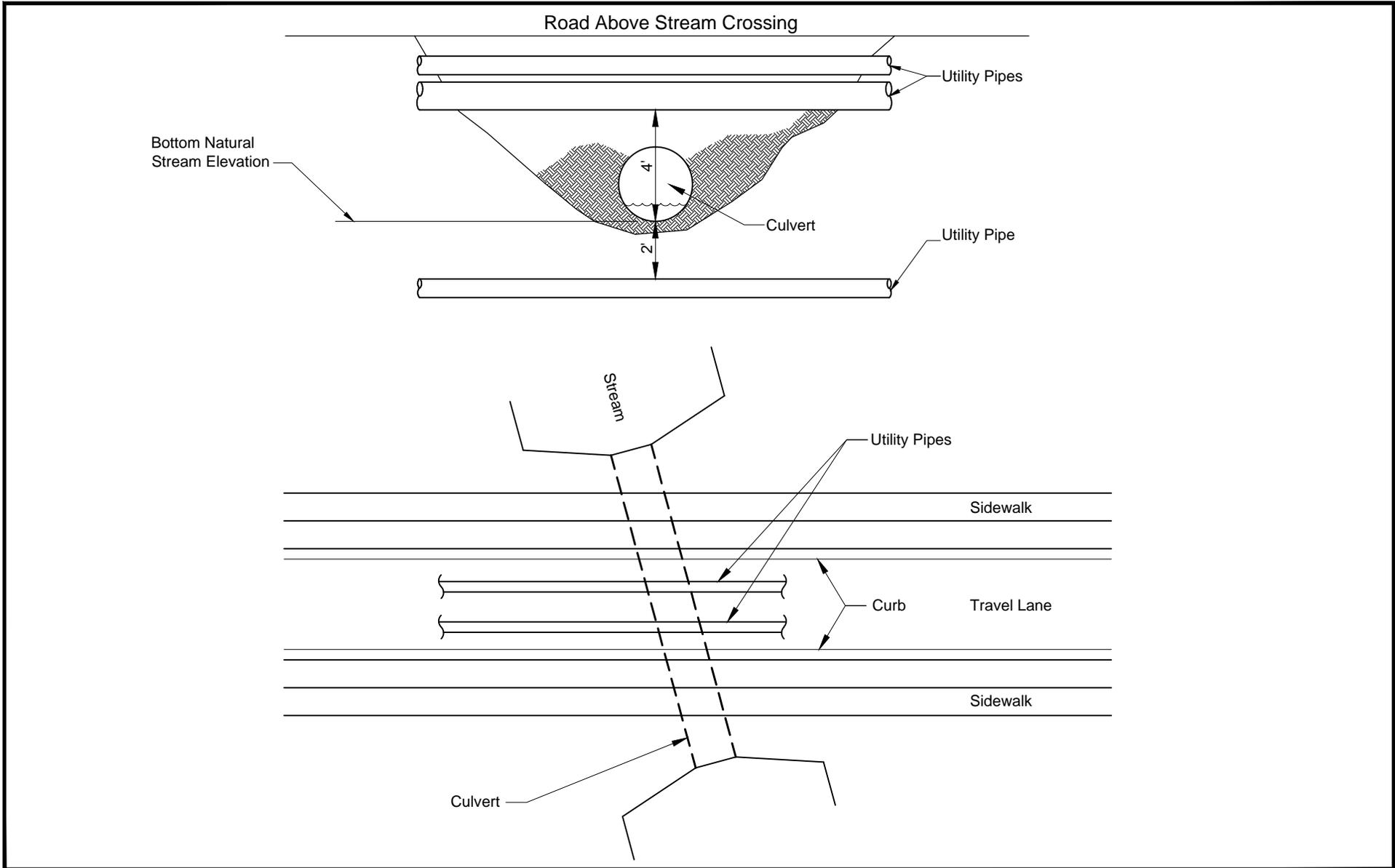
**City Of Bellevue
 Programmatic SEPA
 Review For Utilities**

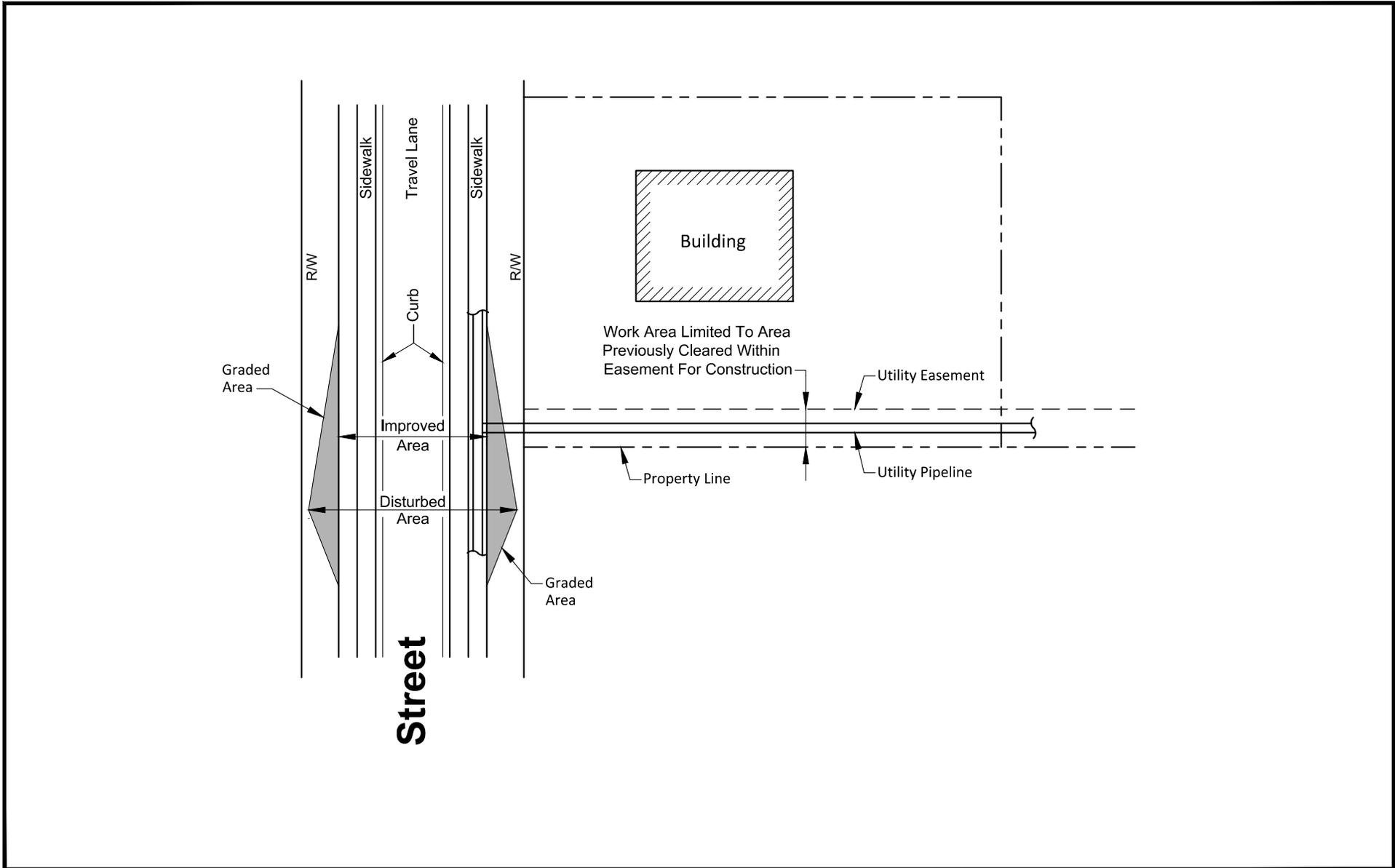
**A - Facilities In Existing Improved
 Roads Outside Of Critical Areas
 and Buffer**



**City Of Bellevue
Programmatic SEPA
Review For Utilities**

**B - Facilities In Existing Improved
Roads Outside Of Critical Areas
and Buffer**

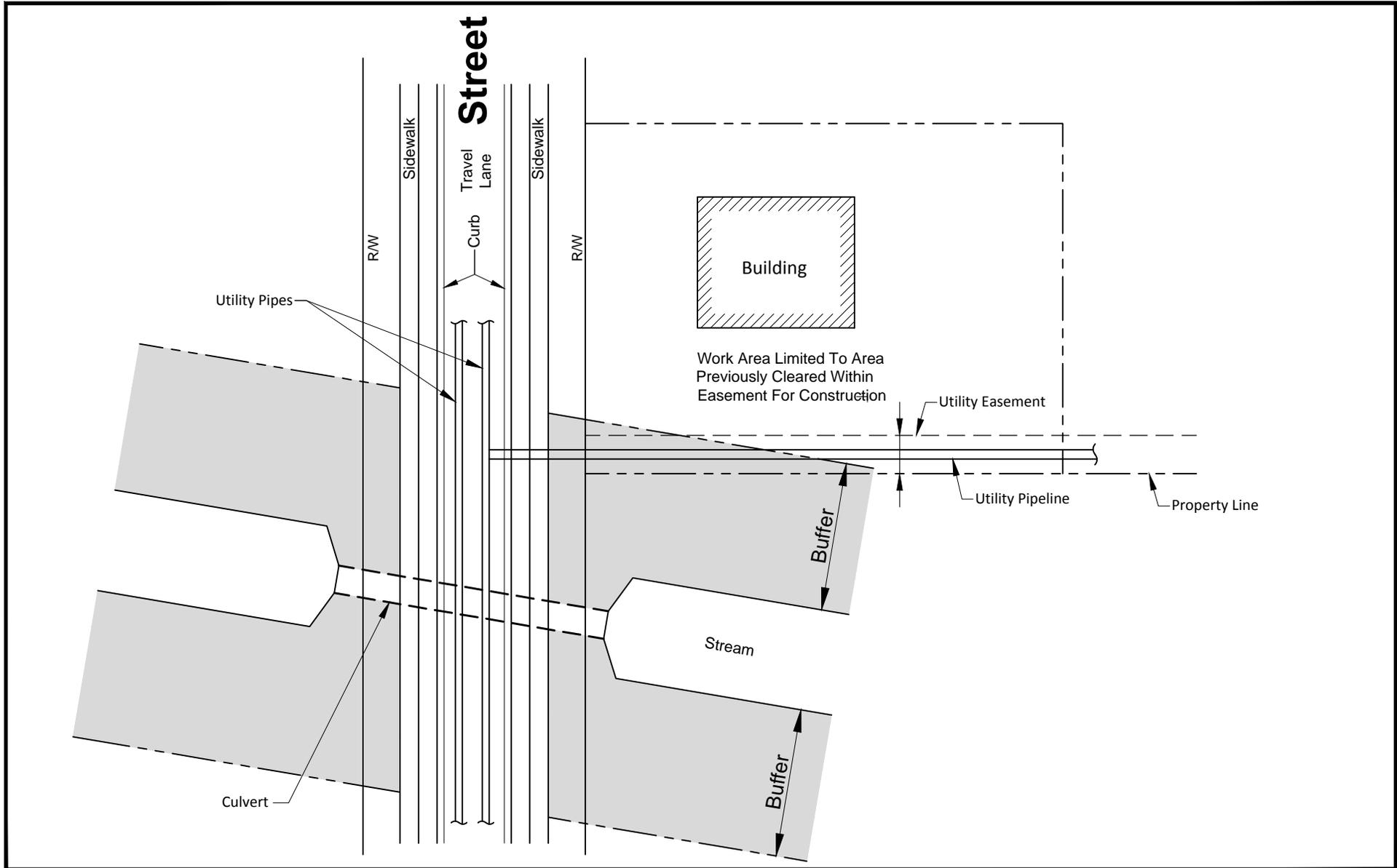




**City Of Bellevue
Programmatic SEPA
Review For Utilities**

**D - Replacement On Easements
Outside Of Critical Areas**





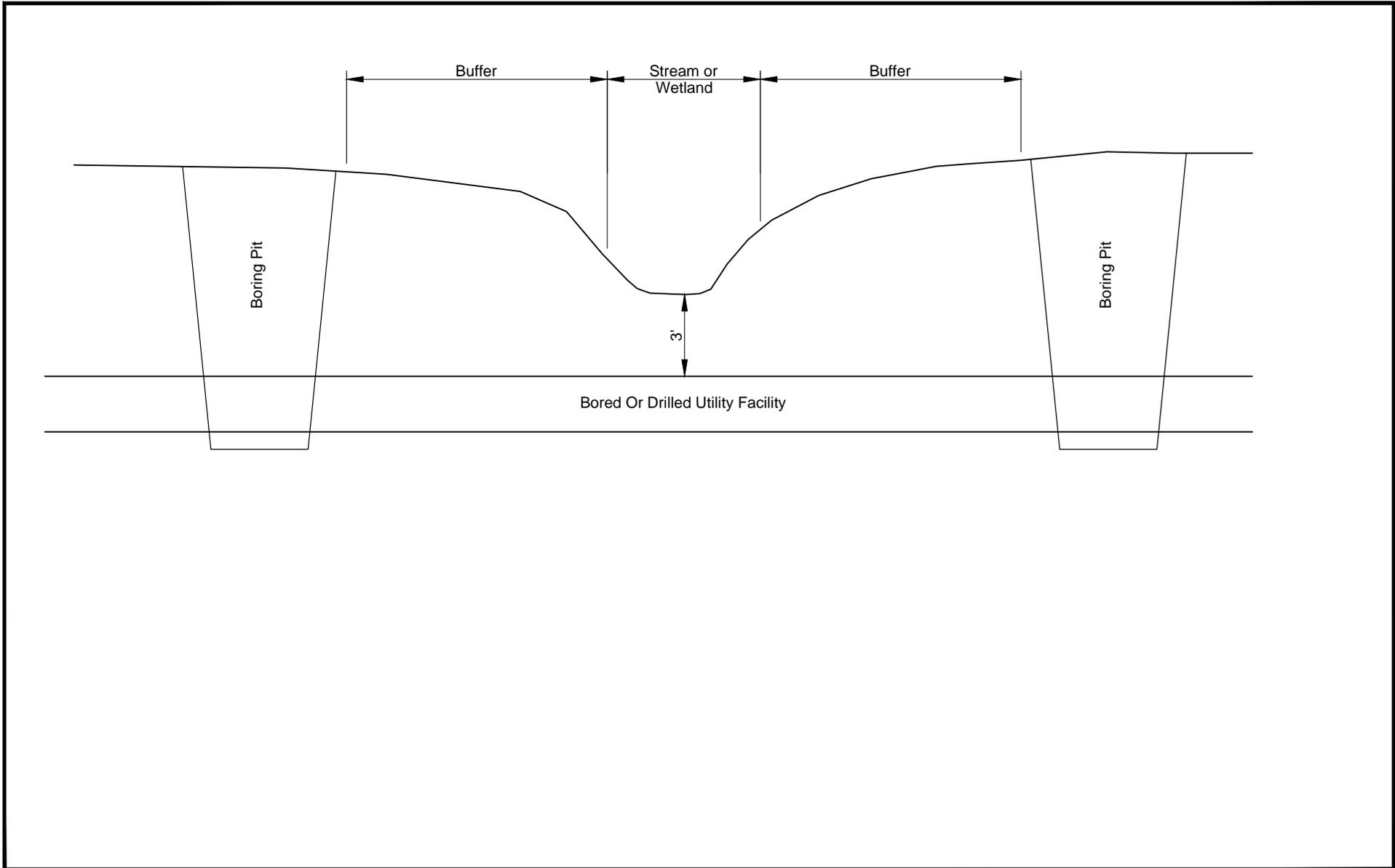
Parametrix DATE: Feb 26, 2014 FILE: BL1580069P01T04F-01

0

 NOT TO SCALE

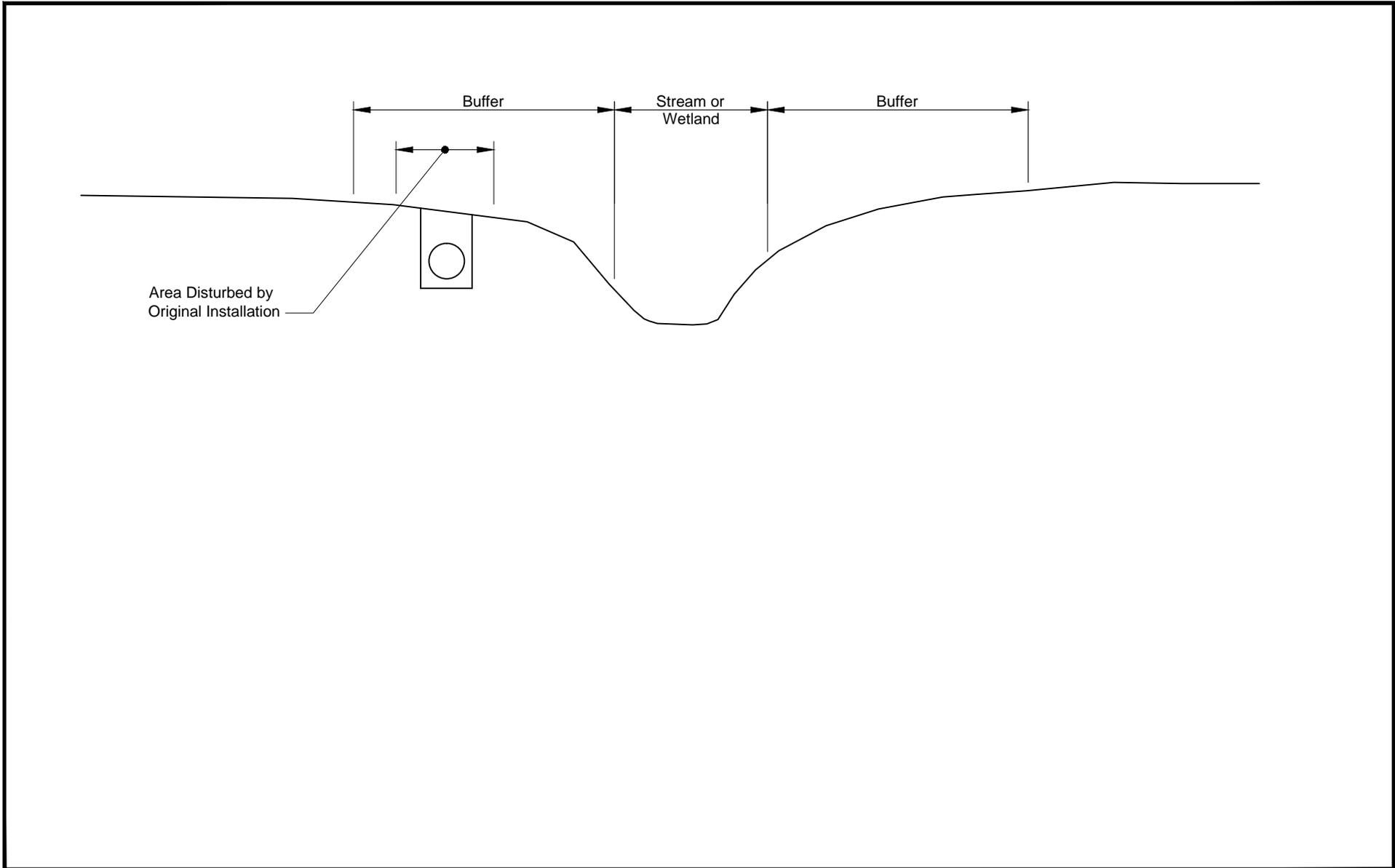
**City Of Bellevue
 Programmatic SEPA
 Review For Utilities**

**E - Facilities On Easements
 Within Critical Areas**



**City Of Bellevue
 Programmatic SEPA
 Review For Utilities**

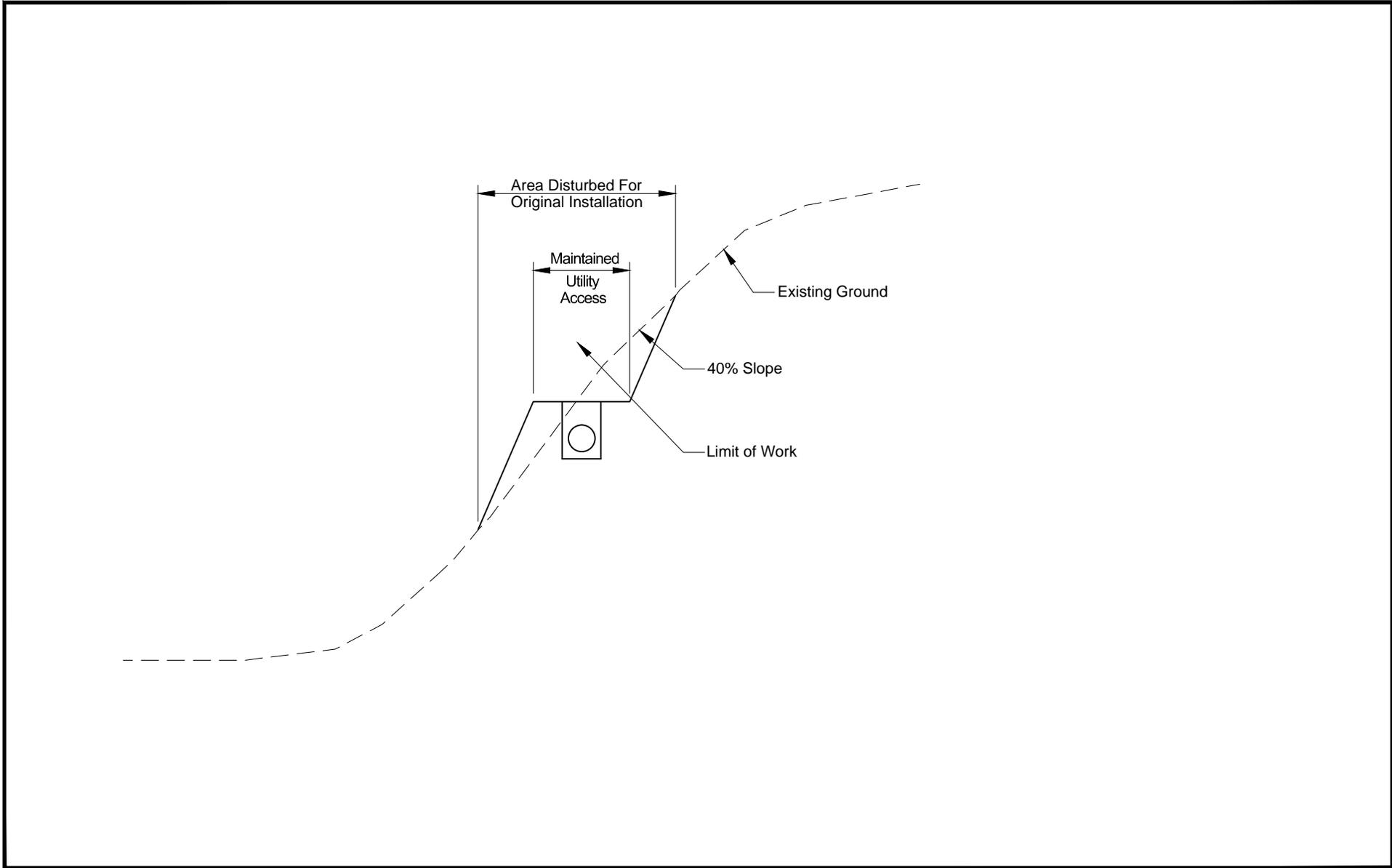
**F - Facilities Within
 Critical Areas and Buffers Not
 Within Shoreline Jurisdiction
 Facilities Perpendicular to Buffer**



**City Of Bellevue
Programmatic SEPA
Review For Utilities**

**G - Facilities Within
Critical Areas and Buffers Not
Within Shoreline Jurisdiction
Facilities in and Paralell with Buffer**





**City Of Bellevue
Programmatic SEPA
Review For Utilities**

**H - Facilities Within
Critical Area Steep Slopes**