SAMPLE WATER MAIN CSEC PLAN
CURB AND GUTTER ROADWAY, NO GROUNDWATER

CONSTRUCTION STORMWATER AND EROSION CONTROL (CSEC) NOTES

UNLESS OTHERWISE NOTED:

1. The boundaries of the project limits are the northern curb of house #1 and the road centerline at the west curb of house #2. The clearing limits will be determined in the location of existing pavement edges during the construction period. No disturbance beyond the clearing limits will be permitted. The clearing limits will be maintained by the contractor for the preceding work.

2. The CSEC measures shown on this plan are for the minimum area for anticipated site conditions during the construction period. These measures should be upgraded to additional criteria based on additional stormwater requirements such as those due to roadway or other construction activities. In order to prevent sediment from entering the drainage system or offsite areas.

3. The contractor shall use proper erosion and sediment control practices on the construction site and any adjacent construction staging areas to prevent erosion in and around areas of disturbed areas and to prevent the discharge of upland sediments to adjacent water bodies, storm drainage systems, and adjacent properties is prevented.

4. The measures shown on this plan will be constructed prior to site development so as to ensure that the maintenance of sediment to surface waters, drainage systems, and adjacent properties is prevented.

5. The contractor shall implement erosion and sediment control measures as needed to prevent surface water from entering the disturbed area.

6. The contractor shall not discharge turfed water sediment from construction activities, directly to any streams, stormwater systems, or drainage ditches.

7. Soil stockpiles must be stabilized from erosion, protected from sediment trapping measures, and located away from storm drain inlets.

8. The contractor shall ensure that all equipment and vehicles are deflected from disturbed areas prior to use.

9. Catch basin protection shall be installed in any caisson frame structures, existing or new structures, which are subject to erosion from the disturbed areas. During construction, catch basin protection shall be installed on the project site and appropriate locations. The contractor shall ensure catch basin protection is installed at all catch basin locations for the stormwater system. Within the project area and that way on or off the site, no person shall discharge or transport or cause to be transported or cause to enter into any storm drain or other waterway, or any other waterway, any stormwater runoff or any material, substance, or thing that will cause any pollution, nuisance, or other harm to water quality.

10. Contour cuts shall be performed to remove of surface waters and disturbed areas prior to use. Catch basin protection shall be installed on the project site and appropriate locations. The contractor shall ensure catch basin protection is installed at all catch basin locations for the stormwater system. Within the project area and that way on or off the site, no person shall discharge or transport or cause to be transported or cause to enter into any storm drain or other waterway, or any other waterway, any stormwater runoff or any material, substance, or thing that will cause any pollution, nuisance, or other harm to water quality.

11. At no time shall more than one segment be allowed to accumulate within a single cut. All catch basins, drains, and drainage lines shall be cleaned prior to use. The construction operation shall not flush sediment from water into the downstream system.

12. The contractor shall maintain and submit a temporary drainage plan (TEP). For CSEC specifications section 801-02000, if drainage of the storm system is necessary, the contractor shall ensure that drainage leads in accordance with city specifications and applicable jurisdictional permits.

13. The contractor shall maintain and submit a site vegetation and erosion protection plan (TEP) for CSEC specifications section 800-02000 and protect and preserve all existing vegetation beyond the clearing limits.

14. The contractor shall maintain and submit a site plan (SPT) for CSEC specifications section 800-02000. The contractor shall not discharge any cleaning activities for upland or on-site sediment cleanup to the ground. All equipment shall be transported from the storm drain facilities and sites within the project area as to prevent spills from entering the stormwater system and other water bodies. Sediments shall be transported from the storm drain facilities and sites within the project area as to prevent spills from entering the stormwater system and other water bodies.

15. Following the completion of the construction, the contractor shall permanently stabilize the disturbed areas with vegetation or other acceptable material. Any upland or on-site sediment cleanup to the ground. All equipment shall be transported from the storm drain facilities and sites within the project area as to prevent spills from entering the stormwater system and other water bodies.
SAMPLE BIORETENTION CSEC PLAN
(DITCH & CULVERT, NO CURB OR GUTTER)

CSEC NOTES:
1. The contractor shall be responsible to prevent erosion, control sedimentation, and shall be prohibited from discharge of sediment-laden runoff beyond the construction limits of this project.
2. The contractor shall submit the pre-construction stormwater pollution prevention submittals per specification sections 105.10, 080.03.02 and schedule for section 105, which include:
   - Construction stormwater and erosion control plan (CSEC)
   - Tree dedication and soil protection plan (TDS)
   - Special erosion plan (SEP)
   - Temporary drainage plan (TDP)
3. Protection and restoration of vegetation:
   A. Protect all vegetation cells (except those designated as vegetation cells) from soil loss during and after construction shall occur for a period of at least four weeks after planting.
   B. The cells may be protected by a temporary fence installed above any existing vegetation cells. Temporary fences shall be removed upon completion of the work specified by the engineer. Restoring the vegetation cell shall occur removal of sediment and any vegetation cells removed from the project site. The contractor shall ensure that the existing vegetation cells are protected during construction and that any new vegetation cells are protected after installation.
   C. Protecting existing vegetation in the cells by excluding construction equipment and minimizing foot traffic from the vegetation cells that are under construction or are complete. In vegetation cells that have not been completed, the vegetation cells are protected by a fence to prevent any construction equipment from entering the vegetation cells. The vegetation cells are protected from any compacting equipment that are used to compact the soil and that the vegetation cells are protected from any un-compact soils.

CSEC LEGEND:
- INLET PROTECTION
- TEMPORARY CHECK DRAIN
- ASPHALT BERM
- SAND BASE (FILLED WITH SOIL MIXTURE) OR COMPOST SOIL
- Silt fence
- ORANGE CONSTRUCTION FENCES
- ORANGE BYPASS LINES
- TEMPORARY SEDIMENTATION CELL

PROTECTION OF TREE DEDICATION AND SOIL PROTECTION PLAN (TDS) AND CSE ICON PLAN 120 AND 130

SCALE IN FEET

FOR INFORMATION ONLY

City of Seattle
Ray Hoffman, Director

Seattle Public Utilities
Manager

25TH OCTOBER 2021

SCS NO. 152653

SHEET 1 OF 3