

Diana Dupuis  
Director



STATE OF WASHINGTON

## WASHINGTON STATE PARKS AND RECREATION COMMISSION

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### STATE ENVIRONMENTAL POLICY ACT DETERMINATION OF NON-SIGNIFICANCE

**Date of Issuance:** March 5, 2024

**Project Name:** Lake Sylvia State Park Entrance Road Culvert Replacement

**Proponent:** Washington State Parks and Recreation Commission

**Lead agency:** Washington State Parks and Recreation Commission

**Description of proposal:** The Washington State Parks and Recreation Commission (State Parks) proposes to replace the culvert beneath the entrance road to Lake Sylvia State Park. The culvert and associated road fill will be removed and replaced with a free-span steel bridge within the existing footprint of the current road prism. The project will restore the channel and connectivity of the small stream currently constricted by the road fill and culvert.

**Location of Proposal:** Lake Sylvia State Park is located at 1812 Lake Sylvia Rd N, Montesano, WA 98563 in Grays Harbor County. The specific project location is situated within the NE ¼ of Section 6 and the NW ¼ of Section 5, Township 17N, and Range 7W.

**Threshold Determination:** Washington State Parks and Recreation Commission has determined that this proposal will not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030. This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available at: <http://bit.ly/ParksSEPA>.

This determination is based on the following findings and conclusions:

1. The proposal will remove a damaged culvert and associated road fill with a free-span bridge, resulting in the restored connectivity of the stream that is currently constricted by the culvert and associated road fill.
2. The proposed bridge structure and abutments will take place within the footprint of the existing road fill prism.
3. In-water work will occur during the in-water work window as provisioned by the Washington Department of Fish & Wildlife (WDFW).

4. Best Management Practices (BMPs) have been incorporated into the design to provide protection from incidental or unanticipated impacts such as sediment run-off. Best Management Practices (BMPs) include, but are not limited to, silt fencing and construction staging within the existing roadways. The contractor will have a spill containment kit, including oil-absorbent materials, on site to be used in the event of a spill.
5. All disturbed areas will be promptly mulched and revegetated with native plant species following construction activities.
6. The completed proposal will maintain safe accessibility in and out of the park.

This DNS is issued under WAC 197 11 340 (2) and the comment period will end on **March 20, 2024.**

**Responsible Official:** Hannah Ross  
**Position/Title:** Environmental Planner  
**Phone:** (360) 790-8842  
**Address:** 1111 Israel Rd SW | PO Box 42650  
Olympia, WA 98504-2650

Date: March 5, 2024

Signature:  \_\_\_\_\_

"All Washington State Parks are developed and maintained for the enjoyment of all persons regardless of age, sex, creed, ethnic origin, or physical limitations."

There is no agency SEPA appeal; however, all comments are welcome and will be thoroughly considered.

# SEPA ENVIRONMENTAL CHECKLIST

## A. Background [Find help answering background questions](#)

### 1. Name of proposed project, if applicable:

Lake Sylvia State Park Entrance Road Culvert Replacement

### 2. Name of applicant:

Washington State Parks & Recreation Commission

### 3. Address and phone number of applicant and contact person:

Chelsea Hamer, Environmental Planner  
Washington State Parks & Recreation Commission  
PO Box 42650, Olympia, WA 98504-2650

### 4. Date checklist prepared:

February 2023 – February 2024

### 5. Agency requesting checklist:

Washington State Parks & Recreation Commission (WSPRC)

### 6. Proposed timing or schedule (including phasing, if applicable):

Construction for this project is anticipated to begin in summer of 2024, pending receipt of applicable approvals, and is anticipated to be completed by fall of 2024.

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

No.

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

Landau Associates. 2022. Summary of Geotechnical Engineering Services, Lake Sylvia State Park Culvert Replacement. Prepared for Matthew Miskovic, PE, Associate, KPFF Consulting Engineers. October 2022.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

None known.

10. List any government approvals or permits that will be needed for your proposal, if known.

Shoreline Exemption, City of Montesano  
Hydraulic Project Approval (HPA), Washington Department of Fish & Wildlife (WDFW)  
Nationwide Permit (NWP), U.S. Army Corps of Engineers (USACE)

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

This proposal includes the replacement of the 18” round culvert on Lake Sylvania Road North, the access road to Lake Sylvania State Park. The existing culvert is undersized and damaged, and at the end of its service life. This project will remove the existing culvert and road fill, and the proposed replacement structure will be a 41.5’ span steel bridge with concrete-faced earthen walls. Connectivity of the intermittent stream will be restored beneath the proposed bridge. The project will replace the section of existing utilities within the project limits as part of the proposal, and will remove an existing access gate and relocate the existing welcome sign closer to the park entrance.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Lake Sylvania State Park is located at 1812 Lake Sylvania Rd N, Montesano, WA 98563 in Grays Harbor County. The project site is located in the NE ¼ of Section 6 and the NW ¼ of Section 5, Township 17N, and Range 7W. The approximate coordinates are 46.994989 N lat./-123.595995 W long. The tax parcel number is 617070522003.

## B. Environmental Elements

### 1. [Earth](#) [Find help answering earth questions](#)

#### a. General description of the site:

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other:

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

Approximately 65%.

- 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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.**

According to the Natural Resources Conservation Service Web Soil Survey data (accessed 2/13/2023), the soils on site consists primarily of Zenker silt loam. According to the geotechnical report prepared by Landau Associates, the site is primarily comprised of fill material to approximately 21.2 feet below ground surface (bgs) and marine sedimentary rock (MSR) was observed beneath the fill.

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

Yes, sloughing of loose road fill and the embankment occurred during a storm event at this site and temporary repairs to clear and repair the culvert were conducted in 2023.

- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.**

A portion of the existing road fill and sloughed sediments will be removed, then bridge abutments will be installed within the existing road prism and the streambed will be restored to match existing conditions on either side of the bridge.

Temporary excavation:

Volume: 2780 CY

Affected Area: 7180 SF

Permanent excavation:

Volume: 1020 CY

Affected Area: 3820 SF

Permanent Fill: Clean material from a commercial source for abutments and streambed material

Volume: 2730 CY

Affected Area: 8620 SF

- f. Could erosion occur because of clearing, construction, or use? If so, generally describe.**

It is possible that erosion could occur as a result of construction activities, however temporary erosion and sediment control (TESC) measures will be implemented during construction and all disturbed soil will be promptly mulched and replanted with native species following project completion.

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

The existing amount of impervious surfacing within the project area is 5,644 SF and includes the existing roadway; the proposed amount of impervious surfacing within the project area is

approximately 5,876 SF. Impervious surfacing will include asphalt surfacing for roadway and walkway on the bridge, and bridge abutments. The bridge

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

Temporary erosion and sediment control measures include providing a stabilized construction entrance during construction activities; installing a high visibility silt fence to delineate the project area; and implementing temporary erosion control measures for materials or disturbed areas left exposed for extended periods. Permanent erosion control measures include revegetation with native plant species and application of bark or woodchip mulch to all disturbed areas. Work will also take place during the dry season.

**2. Air** [Find help answering air questions](#)

**a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.**

Although exact quantities are unknown, some material application odors, site dust, and equipment exhaust are expected during construction. As such, these will be temporary and minor. Upon completion of the project, typical air emissions associated with maintenance vehicles and equipment are expected at the site.

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

None.

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

Little can be done to reduce material application odors; however, these will be temporary and minor. To address site dust, the contractor is required to deploy efforts to minimize dust into the air, such as the application water to surfaces during construction in dry weather. To address equipment exhaust, the contractor will ensure that equipment is in proper working condition, limit idle time, and shut off equipment when not in use.

**3. Water** [Find help answering water questions](#)

**a. Surface Water:** [Find help answering surface water questions](#)

**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.**

Yes, Lake Sylvia and an unnamed seasonal tributary stream are within the vicinity of the project site.

**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.**

Yes, this project will occur within 200 feet of Lake Sylvia and within, above, and adjacent to the unnamed stream. The project will replace the existing culvert that the stream runs through with a free-span bridge. A portion of the existing road, associated fill, and damaged culvert will be removed and replaced with a free-span bridge with earthen wall abutments and the stream channel will be restored beneath and immediately upstream and downstream of the bridge.

**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.**

This proposal will remove the damaged culvert and road fill and restore the stream channel through the project area.

Temporary excavation: Existing streambed material to be removed and replaced with new material

Volume: 55 CY

Affected Area: 442 SF

Permanent excavation: Existing streambed material to be removed

Volume: 89 CY

Affected Area: 410 SF

Permanent fill: New clean streambed material from commercial source

Volume: 48 CY

Affected Area: 482 SF

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

The stream affected by the proposed project is an intermittent/seasonal stream and is anticipated to be dry at the time of construction, however if water is present in the stream at time of construction, a temporary stream bypass system will be put in place to isolate the work from flowing water. Turbid water will not be allowed to re-enter the stream.

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

This project area is not identified by the Federal Emergency Management Agency (FEMA) as within a 100-year floodplain, as the area is located outside of the study area limits.

**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 waste waters will be discharged to surface waters as part of this proposal.

**b. Ground Water:** [Find help answering ground water questions](#)

**1. Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give a general description, purpose, and approximate quantities if known.**

No groundwater will be withdrawn for this project.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (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.

No waste material will be discharged to the ground for this project.

**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.

Stormwater will continue to sheetflow from the roadway to surrounding vegetation as it currently does, and French drains will also be installed along the roadside adjacent to the abutments to help with filtering stormwater runoff from the roadway.

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

While not anticipated, it is possible that waste materials from construction equipment could occur. Construction best management practices, such as inspection prior to operation and ensuring the proper working order of equipment, along with erosion and sediment control measures will be implemented. All construction debris from the project will be disposed of at an approved upland facility.

3. Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Yes, this project will result in minor modifications to the existing drainage patterns of the site; the project will replace the existing undersized and damaged culvert with a free-span bridge and will remove constriction of the small, unnamed tributary. Stormwater will continue to sheetflow from the roadway to surrounding vegetation as it currently does, and French drains will also be installed along the roadside adjacent to the abutments to help with filtering stormwater runoff from the roadway.

4. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any.

The project has been designed to direct stormwater runoff from impervious surfaces to the surrounding vegetated landscape as it currently does, as well as into French drains. The project is anticipated to improve the existing drainage and flow of the unnamed tributary to Lake Sylvia.

**4. Plants** [Find help answering plants questions](#)

- a. Check the 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
- orchards, vineyards, or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

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

Approximately 18,787 SF of vegetation consisting primarily of salmonberry and swordfern, and sixteen (16) red alder trees will be removed to replace the culvert and associated road fill with a bridge. Some red alder trees will be retained and incorporated into the stream and surrounding riparian area for habitat. Vegetation is present along either side of the existing road fill, which will be removed as part of the project.

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

None known.

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

Approximately 12,418 SF of native species will be replanted and include western hemlock, red alder, vine maple, osoberry, thimbleberry, red elderberry, western swordfern, salal, devil's club, slough sedge, and salmonberry.

**e. List all noxious weeds and invasive species known to be on or near the site.**

None known.

**5. Animals** [Find help answering animal questions](#)

**a. List any birds and other animals that have been observed on or near the site or are known to be on or near the site.**

Examples include:

- **Birds:** hawk, heron, eagle, songbirds, other: waterfowl
- **Mammals:** deer, bear, elk, beaver, other: bobcat, river otter
- **Fish:** bass, salmon, trout, herring, shellfish, other:

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

None known.

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

Yes, the Avian Pacific Flyway for migratory birds.

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

Vegetation removal and disturbance will be limited to what is necessary to complete the project, and all areas of disturbance will be promptly revegetated following completion of the project. This project will remove road fill and will provide a free-span bridge structure which will allow for free flow of water, sediments, and debris and will restore connectivity from the unnamed tributary to Lake Sylvia.

**e. List any invasive animal species known to be on or near the site.**

None known.

**6. Energy and Natural Resources** [Find help answering energy and natural resource questions](#)

**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.**

This project will require energy (fuel) for construction vehicles and equipment; the completed project will not have any energy needs.

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

This project will not affect the potential use of solar energy by adjacent properties.

**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.**

No conservation measures proposed as no energy impacts are anticipated.

**7. Environmental Health** [Find help with answering environmental health questions](#)

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

It is possible that an accidental spill or leak of fluids from construction equipment could potentially occur. Best management practices, such as ensuring proper maintenance of vehicles and equipment, and inspection for leaks prior to use, will be implemented to prevent such an occurrence, and spill kits will be readily available on site.

**1. Describe any known or possible contamination at the site from present or past uses.**

None known.

**a. Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.**

There are no known existing hazardous chemicals/conditions within the project site. Based on a review of the Washington Utilities and Transportation Commission's Pipeline Safety Map View (accessed February 13, 2023), there are no hazardous liquid pipelines or high-pressure natural gas pipelines in the vicinity of the park.

- b. Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.**

Construction vehicles and equipment will contain associated fuels and chemicals; best management practices, such as daily inspections for leaks and ensuring they are in good working order will be required.

- c. Describe special emergency services that might be required.**

None.

- d. Proposed measures to reduce or control environmental health hazards, if any.**

Best management practices will be used during this phase and future phases to avoid environmental health hazards such as proper storage and use of equipment and vehicles, and inspection of leaks prior to use. Spill kits will additionally be required on site during project implementation.

## **b. Noise**

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

None.

- 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)?**

On a short-term basis, there will be temporary construction-associated noise from construction vehicles and equipment during normal workday hours; no long-term noises will be created or associated with the project.

- 3. Proposed measures to reduce or control noise impacts, if any.**

None proposed as no noise impacts are anticipated.

## **8. Land and Shoreline Use** [Find help answering land and shoreline use questions](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.**

The site is a public state park used for day-use and overnight recreation; adjacent properties are

managed forestland and residential.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses because of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?**

The property was historically a logging camp before becoming a state park. No forest land will be converted to other uses as a result of this proposal.

- 1. Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how?**

This proposal will not affect or be affected by surrounding working farm or forest land normal business operations.

- c. Describe any structures on the site.**

Lake Sylvia State Park structures include a dam, as well as various park-related facilities, including restrooms, comfort stations, kitchen shelters, a park office, a shop, storage buildings, a park residence.

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

The existing culvert and road fill will be demolished and replaced with a free-span bridge. The existing entrance sign and gate will be removed from the current location and relocated to the park entrance.

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

The current zoning classification of the site is Montesano F City Forest.

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

The current comprehensive plan designation of the site is recreational (Parks).

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

The current shoreline master program designation of the site is Urban Conservancy.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.**

Lake Sylvia has been classified as a wetland by the City of Montesano.

- 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 proposed as no displacement impacts are anticipated.

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

State Parks will consult with the City of Montesano Planning Department to ensure that the project complies with projected land uses and plans.

**m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any.**

None proposed as no impacts to agricultural and forest lands of long-term commercial are anticipated.

**9. Housing** [Find help answering housing questions](#)

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

No housing units are included or affected as part of this proposal.

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

None.

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

None proposed as no housing impacts are anticipated as a result of this proposal.

**10. Aesthetics** [Find help answering aesthetics questions](#)

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

The proposed bridge will be approximately 28 feet above the streambed and at-grade with the existing roadway.

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

There is one small section of day-use area where the bridge will likely be seen by park visitors. The view will not be obstructed, as the free-span bridge will be installed within the existing footprint of the current roadway. The small intermittent creek beneath the bridge will be restored and reconnected as the road fill and culvert will be removed.

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

The free-span bridge and abutments have been designed to aesthetically blend into their surroundings; natural and earth-colored materials will be utilized to the maximum extent possible.

**11. Light and Glare** [Find help answering light and glare questions](#)

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

No glare will be produced by this proposal.

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

No light or glare will be produced by this proposal.

**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 proposed as no impacts are anticipated.

**12. Recreation** [Find help answering recreation questions](#)

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

Lake Sylvia State Park is a recreational public park providing day-use and overnight recreational opportunities, including camping, swimming, hiking, non-motorized and electric boating, fishing, mountain biking, and wildlife viewing.

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

This project will require temporary closure of the park for approximately 4 months since the project will take place along the entrance road to the park, which is the primary ingress and egress of the park. During this closure, the park will be closed to day-use and overnight recreational opportunities.

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

Advanced notification of the park closure will be provided to park visitors and holds will be placed on the camping reservation site. Alternative recreation areas providing day-use and overnight recreational opportunities are located nearby and may be utilized during this closure.

**13. Historic and Cultural Preservation** [Find help answering historic and cultural preservation questions](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.**

No.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.**

There are no recorded archaeological sites, cemeteries, or other material evidence or artifacts that would indicate the likelihood of encountering significant sites or features. Cultural resources studies in the API and the surrounding area have not identified any archaeological sites. There is the potential to encounter historic era materials associated with logging and power generation.

The area has historically been utilized for a water-powered sawmill, dam, and other improvements in Section 31, and a millpond that extended upstream to flood a portion of Section 32 adjoining Mill Creek. The sawmill ran until its sale in 1888, the millpond was the predecessor to an enlarged Sylvania Lake, only later called Lake Sylvania. An essentially modern lake is the result of additional dam building in association with a powerhouse operated for the Montesano Light and Power Company to generate locally distributed electricity. A 1912 timber surveyor indicated most of the Section 32 was noted as being previously logged. The only 1912-era improvement in the vicinity of the project AI was a roadway that roughly followed the alignment of the asphalt park entry road toward the present campground. In 1936, 234 acres of land surrounding the lake was transferred from the City of Montesano to the WSPRC for creation of public parklands. Since the 1930s, several other small land parcels have been added to the state park. (Charles T. Luttrell, Lake Sylvania State Park – Pavilion and Comfort Station Project, Grays, August 2018)

References (in order of project proximity)

Wolman, Cecilia

2023 Archaeological Monitoring Report for the Lake Sylvania State Park Culvert Replacement Project, Grays Harbor County, Washington. On file at DAHP. This was actually monitoring of the geotechnical work. The project hasn't happened yet. But it is in the potential area of the project. (DAHP WISAARD #2022-05-03248)

Luttrell, Charles T.

2018 Lake Sylvania State Park – Pavilion and Comfort Station Project, Grays Harbor County,

Washington. On file at DAHP.

Miller, Fennelle

1992 Cultural Resource Survey at Lake Sylvia State Park, Grays Harbor County, Washington. On file at Washington State Parks and Recreation Commission.

Valentino, Alicia, and Don Shannon

2019 Lake Sylvia State Park ADA Accessible Path Installation Cultural Resources Assessment, Montesano, Washington. On file at DAHP.

Schalk, Randall

1990 Lake Sylvia. In Cultural Resources Reconnaissance in Washington State Parks Biennial Summary for 1987 – 1989, pp. 177 – 181. Edited by Randall Schalk. On file at Washington State Parks and Recreation Commission.

Silverman, Shari Maria

2023 Lake Sylvia State Park Volunteer Shed Archaeological Survey Report. On file at DAHP. (DAHP WISAARD #2023-04-02179)

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.**

WSPRC contracted for archaeological monitoring of geotechnical investigations for the Lake Sylvia State Park Culvert Replacement Project in October 2023. This work was completed by Tierra Right of Way Services, Ltd. (Tierra). Funding for this project is being provided through Capital Improvements. As such, it is subject to compliance with the Washington State Governor's Executive Order 21-02 and statutes regarding the protection of archaeological and historic resources.

Tierra conducted archaeological monitoring for ground-disturbing activities associated with the project on June 20, 2022, and did not identify any cultural materials. Based on background research and observed previous ground disturbance, as well as the Washington State Department of Archaeology and Historic Preservation's predictive modeling, Tierra anticipates that the API has a low to moderately low probability for encountering precontact, Ethnographic period, historic Native American, and historic Euroamerican resources that may be Eligible for listing in the National Register of Historic Places.

WSPRC staff archaeologists consulted with interested and effected Tribes on the survey effort and results in 2023, no comments of concern were received. WSPRC tribal relations staff undertook government to government consultation with interested and effected Tribes in 2024, no comments have been received to date.



Ultimately, the United States Army Corps of Engineers (USACE) will make the archaeological recommendations involving potential impacts to cultural and historic resources by this project. As the project lead under Section 106 of the National Historic Preservation Act (Section 106), they discern tribal consultation and that with DAHP. However, Washington State Parks and Recreation Commission (WSPRC) will provide information regarding archaeological surveys, historic maps, historic-era records, and any other resources that may help them.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.**

The United States Army Corps of Engineers (USACE) will propose measures regarding avoidance, minimization, or compensation for loss, changes to, and disturbance to resources, if any. They are the project lead under Section 106 of the National Historic Preservation Act (Section 106). WSPRC staff archaeologist will continue to coordinate with the USACE as the permitting progresses.

**14. Transportation** [Find help with answering transportation questions](#)

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

Lake Sylvia State Park is regionally accessed by WA-8; the park is accessed locally through roads that pass through the City of Montesano.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?**

This area is served by Grays Harbor Public Transit; the Montesano General Public Dial-a-Ride service is available to Lake Sylvia State Park.

- c. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).**

This project will improve the existing entrance road into Lake Sylvia State Park.

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

This project will not occur in the immediate vicinity of water, rail, or air transportation.

- e. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models**

**were used to make these estimates?**

This proposal will not affect the volume of traffic within the vicinity of the park; the intent of the project is to replace an existing culvert with a bridge for safety and improved drainage connectivity, and will not result in an increase in park visitation.

- f. Will the proposal interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.**

This project will not interfere with nor be affected by the movement of agricultural and forest products on roads or streets in the area.

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

None proposed as no impacts to transportation are anticipated as a result of this proposal.

**15. Public Services** [Find help answering public service questions](#)

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

This proposal will not result in an increased need for public services.

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

None proposed as no impacts to public services are anticipated as a result of this proposal.

**16. Utilities** [Find help answering utilities questions](#)

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other: fiber optic**

- 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 new utilities are proposed for this project; the existing utilities that run beneath the entrance road will be reconnected as part of the project; the sewer line will be installed beneath the bridge and due to the need for separation between sewer and water lines, the water, electric, and communications lines will be installed via directional boring beneath the bridge and approximately 10 ft below the creek bed. The access pits for the directional boring will be located within the existing road prism.

**C. Signature** [Find help about who should sign](#)

**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.**

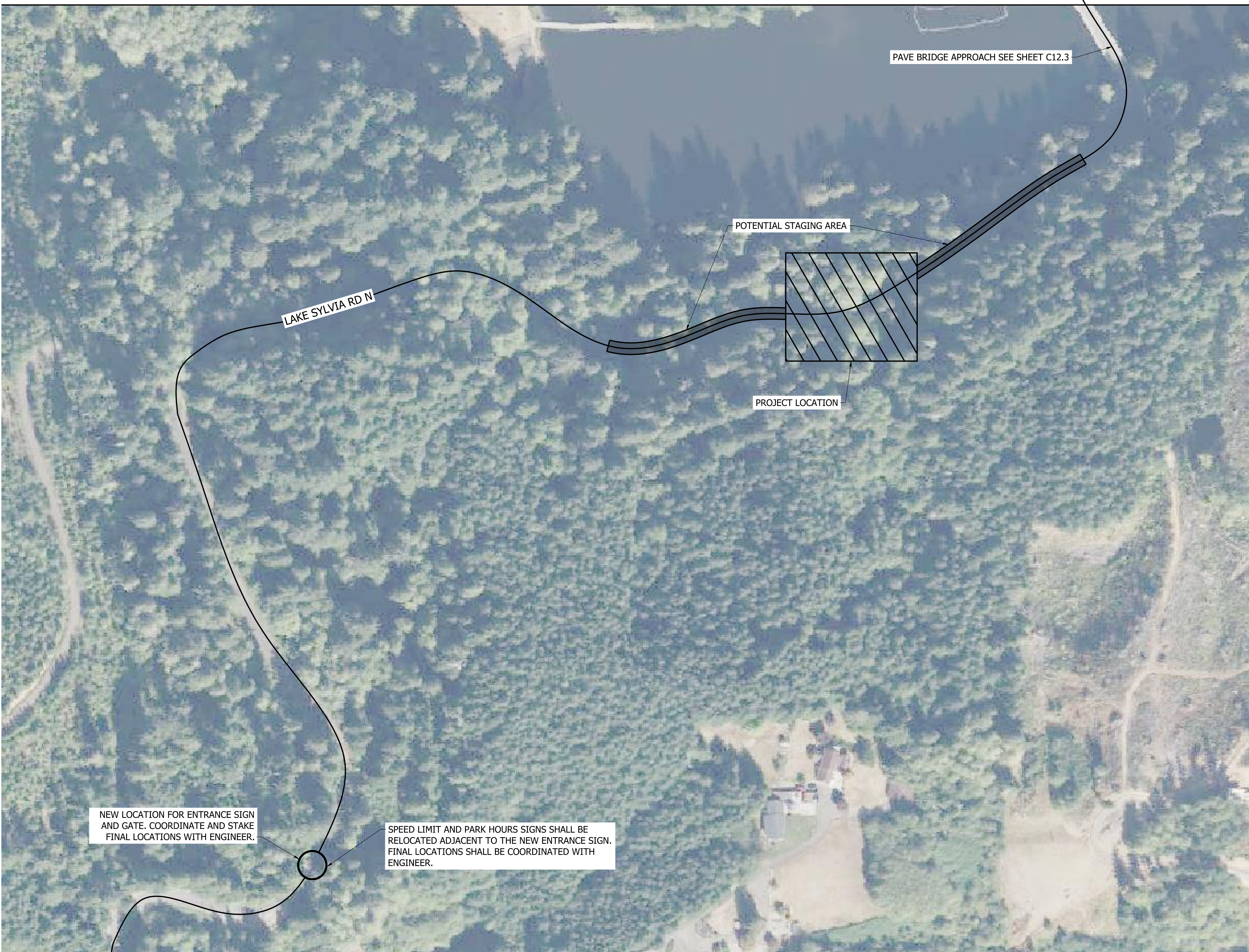
X   
SEPA Responsible Official

**Type name of signee: Chelsea Hamer**

**Position and agency/organization: Environmental Planner, WSPRC**

**Date submitted: 3/4/2024**





CAD NO. PARKCODE-PROJECTCODE-YEAR-FILENAME

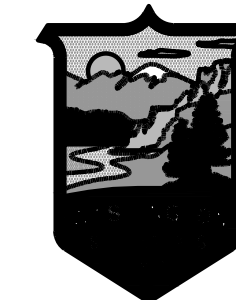
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ACTION	BY	DATE
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DRAWN	KMS	02/23/24
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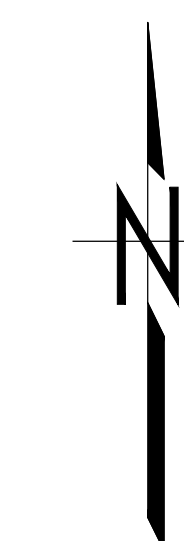
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STATE  
PARKS  
AND  
RECREATION  
COMMISSION



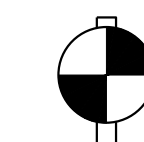
LAKE SYLVIA  
STATE PARK

CULVERT  
REPLACEMENT

GATE, SIGN, &  
BRIDGE APPROACH  
PAVING LOCATIONS  
C12.0



VERTICAL DATUM  
NAVD 88  
PT 33 ELV: 265.15



SCALE

NONE

SHEET 27 OF 49

PARKS FILE#



ACTION	BY	DATE
DESIGNED	MTM	02/23/24
DRAWN	KMS	02/23/24
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CHECKED (HDQTS.)		

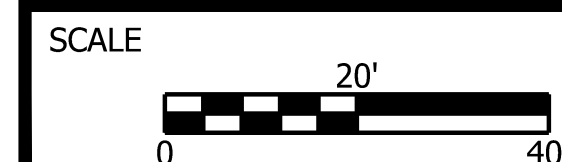
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AND  
RECREATION  
COMMISSION

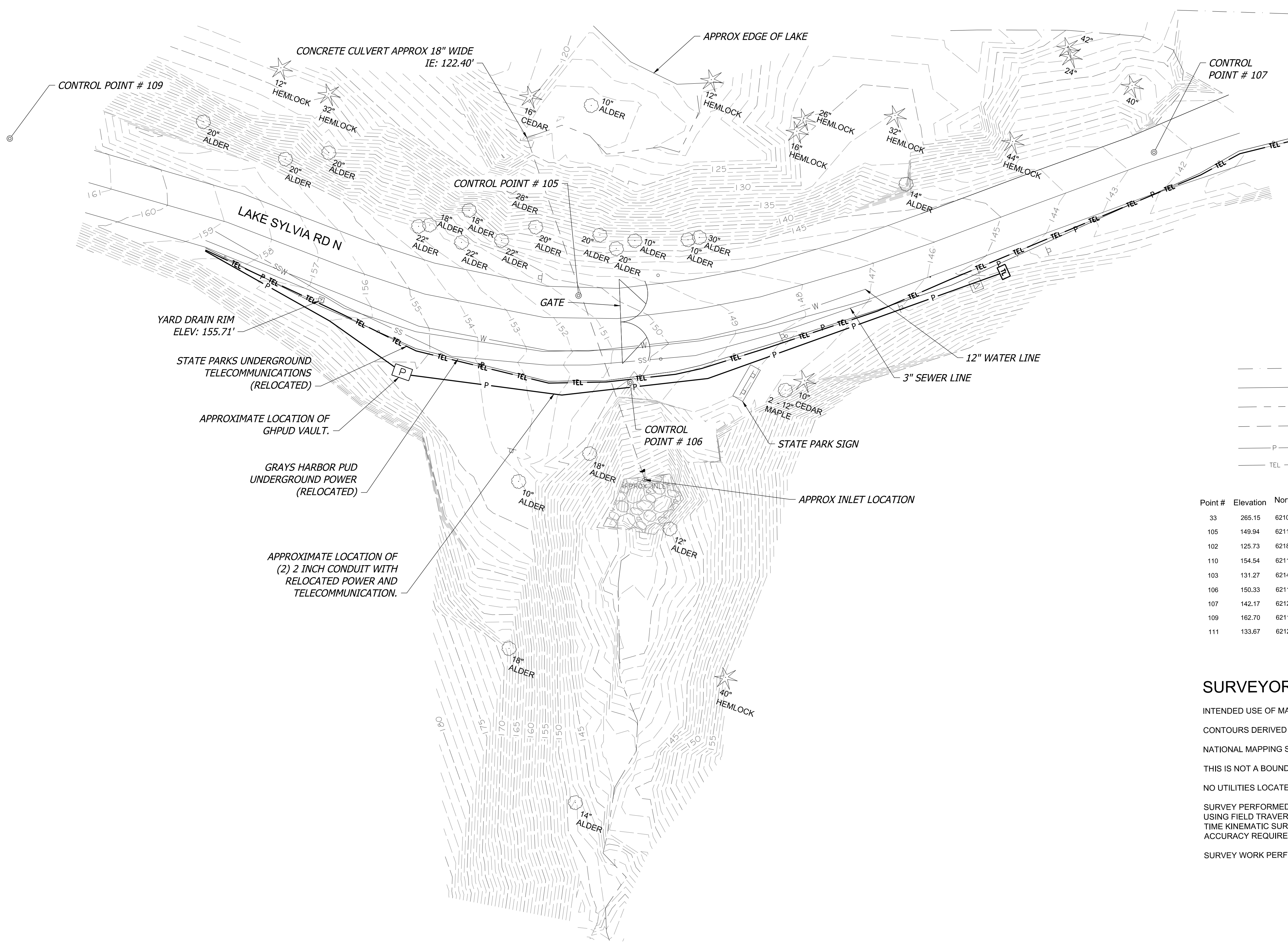
LAKE SYLVIA  
STATE PARK

CULVERT  
REPLACEMENT

SURVEY/EXISTING  
CONDITIONS  
C2.0



PARKS FILE#



LEGEND

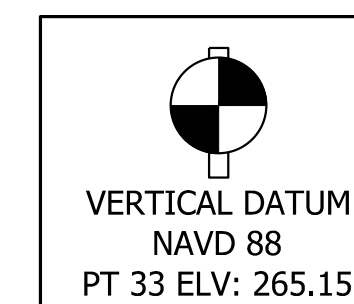
- ⊕ CONTROL POINT
- ⊥ SIGN
- GUARD POST
- ⊞ TELEPHONE PULL BOX
- ⊞ CONCRETE PAD FOR TRANSFORMER
- ★ CONIFEROUS TREE
- DECIDUOUS TREE
- EDGE OF GRAVEL
- EDGE OF LAKE
- CREEK CENTERLINE
- APPROXIMATE LOCATION CULVERT
- POWER CONDUIT
- TELECOMMUNICATIONS CONDUIT

Point #	Elevation	Northing	Easting	Description
33	265.15	621044.67	866592.01	Set Hub and Tack
105	149.94	621128.85	868121.25	Set Hub and Tack
102	125.73	621800.39	868477.66	Found Spike
110	154.54	621129.64	867957.80	Set Hub and Tack
103	131.27	621458.24	868613.86	Found Spike
106	150.33	621106.42	868148.26	Set Hub and Tack
107	142.17	621244.78	868291.57	Set PKNail w/Flasher
109	162.70	621111.03	867916.29	Set PKNail w/Flasher
111	133.67	621298.78	868333.32	Set Hub and Tack

SURVEYOR'S NOTES

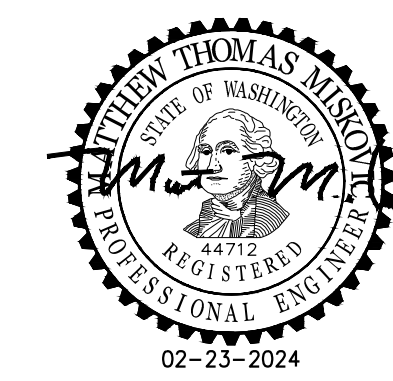
INTENDED USE OF MAP FOR CIVIL ENGINEERING DESIGN  
 CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS  
 NATIONAL MAPPING STANDARDS. ONE-HALF THE CONTOUR INTERVAL  
 THIS IS NOT A BOUNDARY SURVEY  
 NO UTILITIES LOCATES PERFORMED ON THIS SURVEY  
 SURVEY PERFORMED WITH A 3" TOTAL STATION AND/OR GNSS RECEIVE  
 USING FIELD TRAVERSE, GNSS BASED RELATIVE STATIC AND/OR REAL  
 TIME KINEMATIC SURVEY METHODS. SURVEY MEETS OR EXCEEDS  
 ACCURACY REQUIREMENTS CONTAINED IN WAC 332.130.090  
 SURVEY WORK PERFORMED IN JULY OF 2022

SURVEY / EXISTING CONDITIONS



	DATE
	APP.
	INT.
	REVISIONS
	NO.

ACTION	BY	DATE
DESIGNED	MTM	02/23/24
DRAWN	KMS	02/23/24
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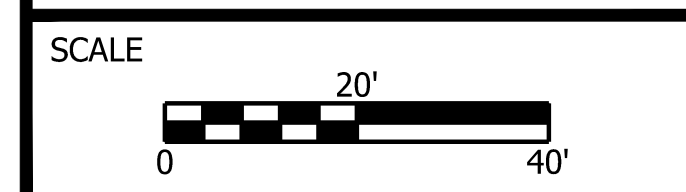
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STATE  
PARKS  
AND  
RECREATION  
COMMISSION

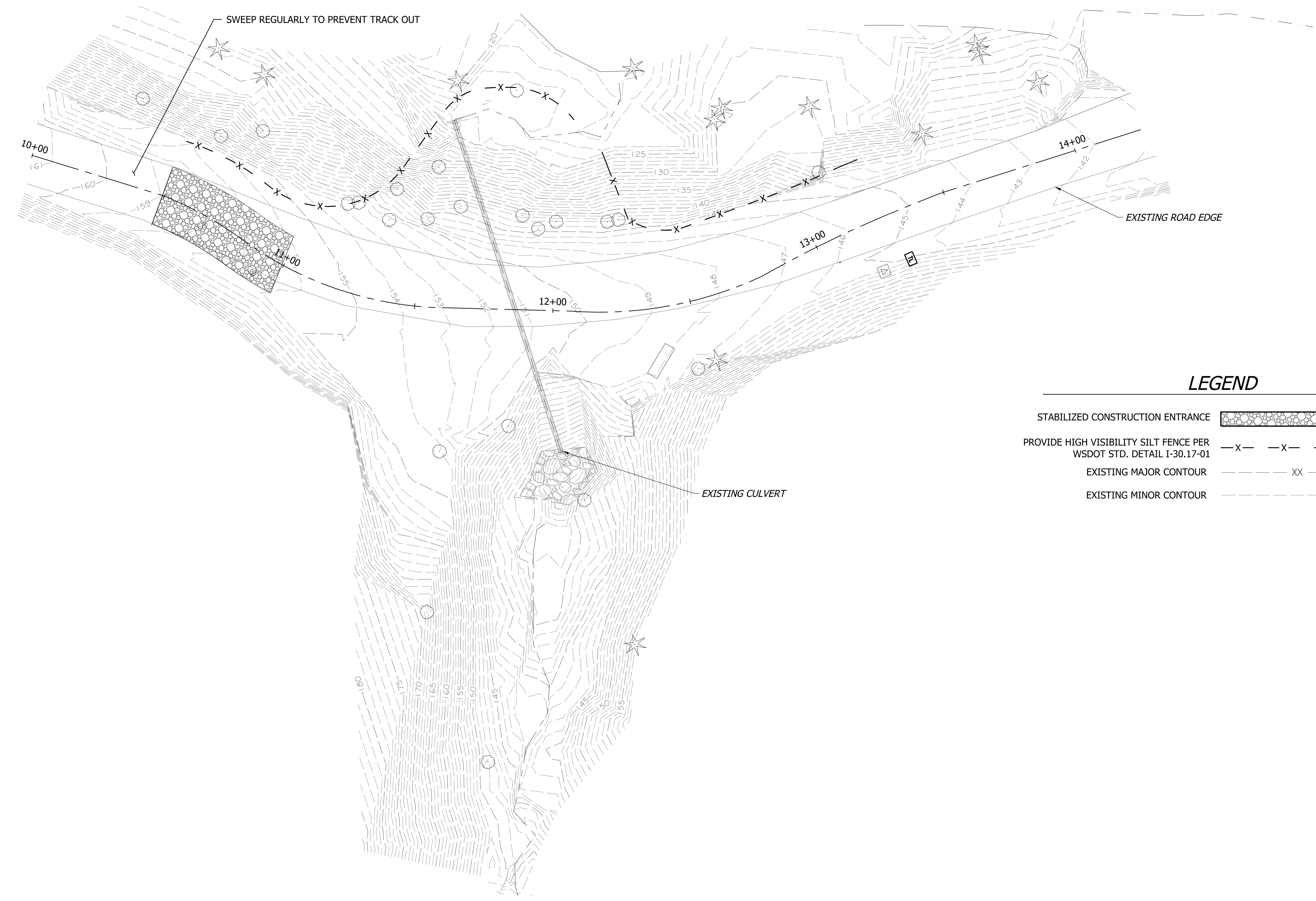
LAKE SYLVIA  
STATE PARK

CULVERT  
REPLACEMENT

TESC PLAN  
C4.0



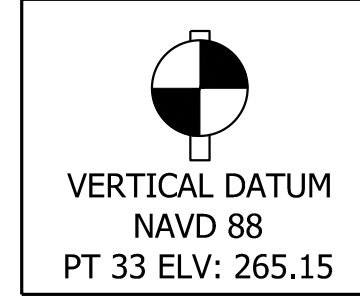
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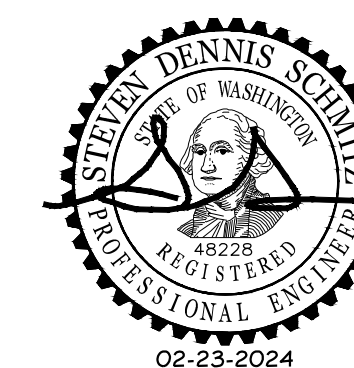
- STABILIZED CONSTRUCTION ENTRANCE 1  
6 7
- PROVIDE HIGH VISIBILITY SILT FENCE PER WSDOT STD. DETAIL I-30.17-01
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

TESC PLAN





ACTION	BY	DATE
DESIGNED	SDS	02/23/24
DRAWN	CM/AB	02/23/24
CHECKED (FIELD)		
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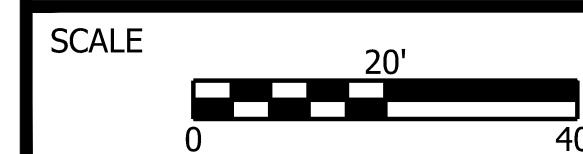
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WASHINGTON  
STATE  
PARKS  
AND  
RECREATION  
COMMISSION

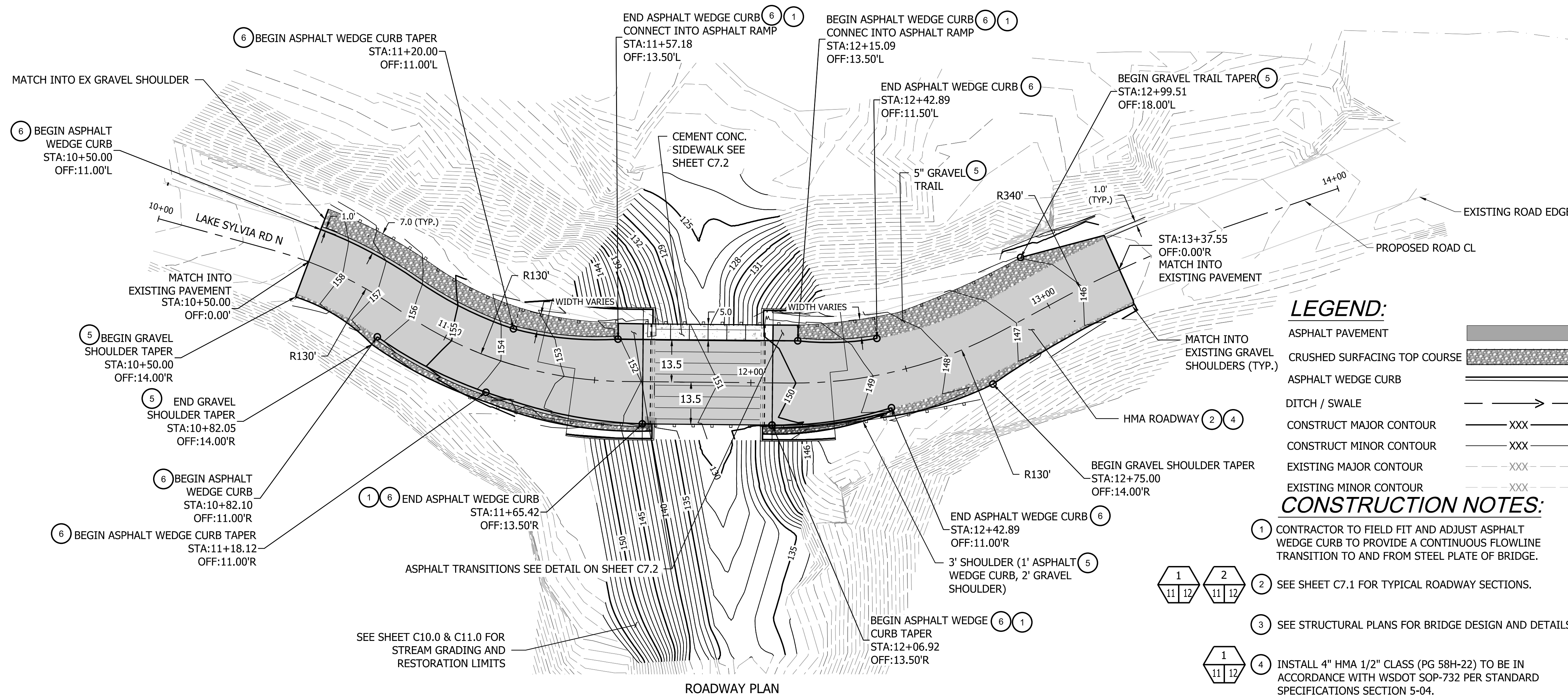
LAKE SYLVIA  
STATE PARK

CULVERT  
REPLACEMENT

ROADWAY PLAN &  
PROFILE  
C7.0



PARKS FILE#

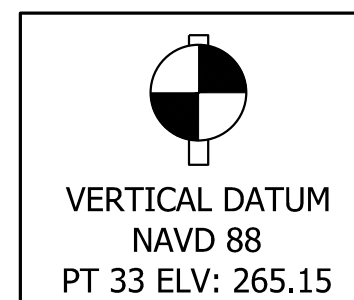
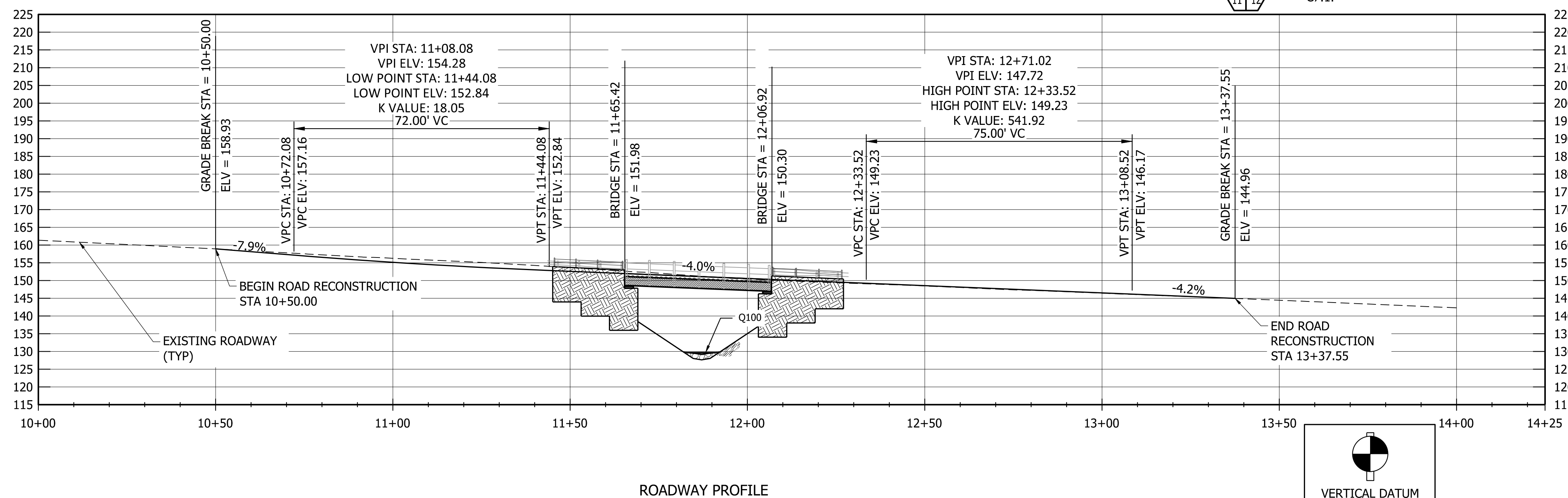


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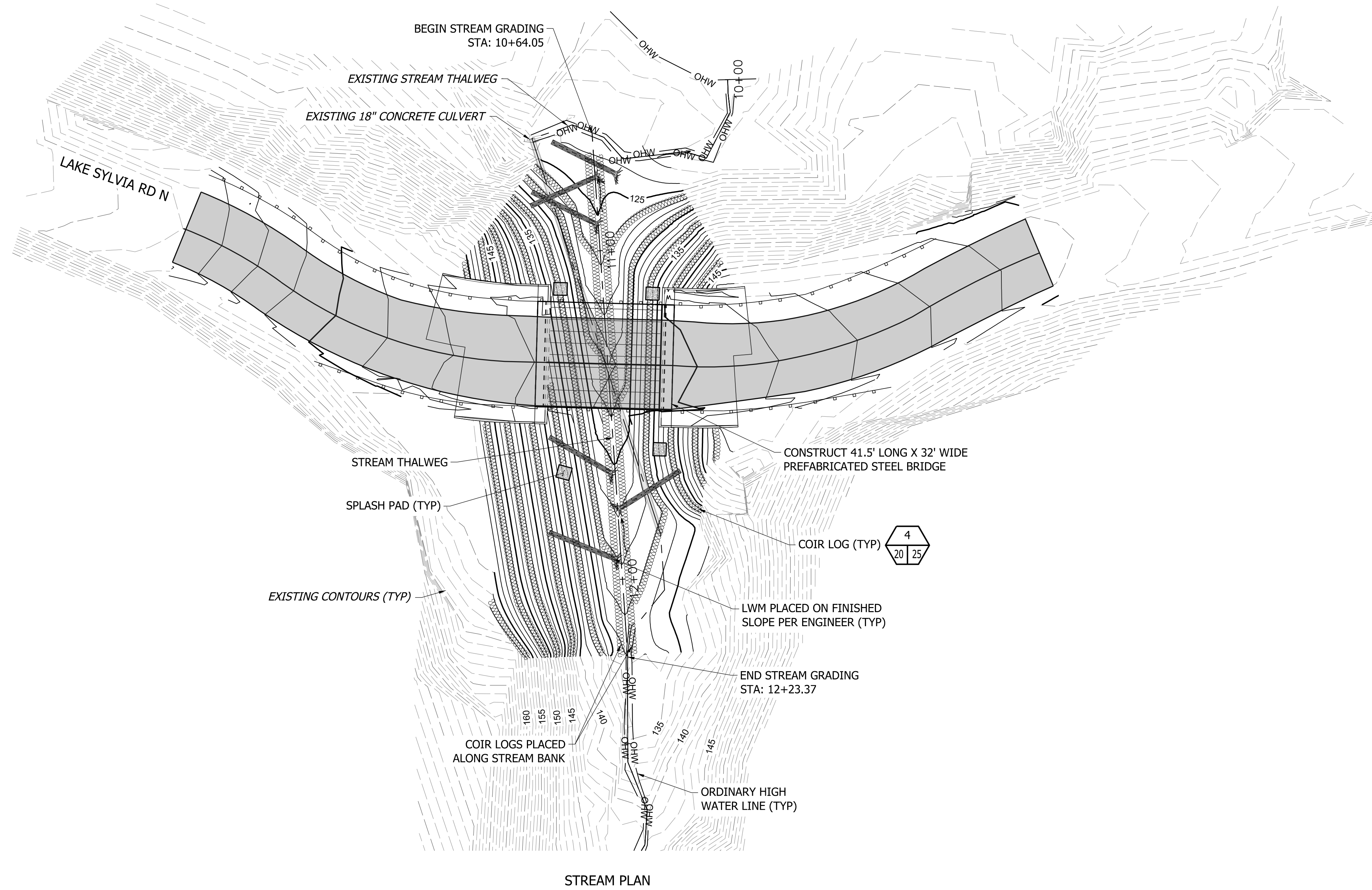
- ASPHALT PAVEMENT
- CRUSHED SURFACING TOP COURSE
- ASPHALT WEDGE CURB
- DITCH / SWALE
- CONSTRUCT MAJOR CONTOUR
- CONSTRUCT MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

**CONSTRUCTION NOTES:**

- 1 CONTRACTOR TO FIELD FIT AND ADJUST ASPHALT WEDGE CURB TO PROVIDE A CONTINUOUS FLOWLINE TRANSITION TO AND FROM STEEL PLATE OF BRIDGE.
- 2 SEE SHEET C7.1 FOR TYPICAL ROADWAY SECTIONS.
- 3 SEE STRUCTURAL PLANS FOR BRIDGE DESIGN AND DETAILS.
- 4 INSTALL 4" HMA 1/2" CLASS (PG 58H-22) TO BE IN ACCORDANCE WITH WSDOT SOP-732 PER STANDARD SPECIFICATIONS SECTION 5-04.
- 5 INSTALL 3" DEPTH OF 1/2" CRUSHED SURFACING TOP COURSE PER WSDOT STANDARD SPECIFICATION 9-03.9(3).
- 6 INSTALL 3"x12" HMA WEDGE CURB SEE DETAIL A ON SHEET C7.1.



VERTICAL DATUM  
NAVD 88  
PT 33 ELV: 265.15



CAD NO. PARKCODE-PROJECTCODE-YEAR-FILENAME

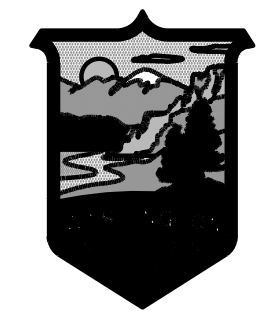
	DATE
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ACTION	BY	DATE
DESIGNED	MTM	02/23/24
DRAWN	KMS	02/23/24
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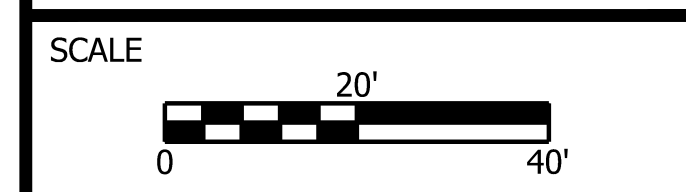
WASHINGTON  
STATE  
PARKS  
AND  
RECREATION  
COMMISSION



LAKE SYLVIA  
STATE PARK

CULVERT  
REPLACEMENT

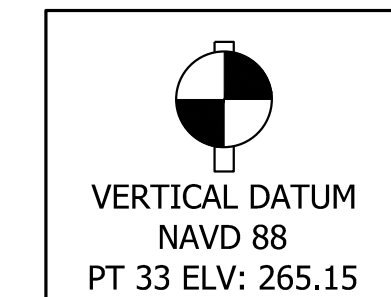
STREAM PLAN  
C10.0



PARKS FILE#

**NOTES:**

1. SEE ROADWAY PLANS FOR ROADWAY DETAILS.
2. SEE STRUCTURE PLANS FOR STRUCTURE DETAILS.



VERTICAL DATUM  
NAVD 88  
PT 33 ELV: 265.15

SHEET 21 OF 49



ACTION	BY	DATE
DESIGNED	MTM	02/23/24
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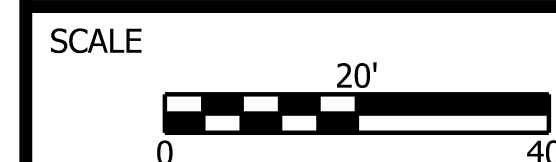
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WASHINGTON  
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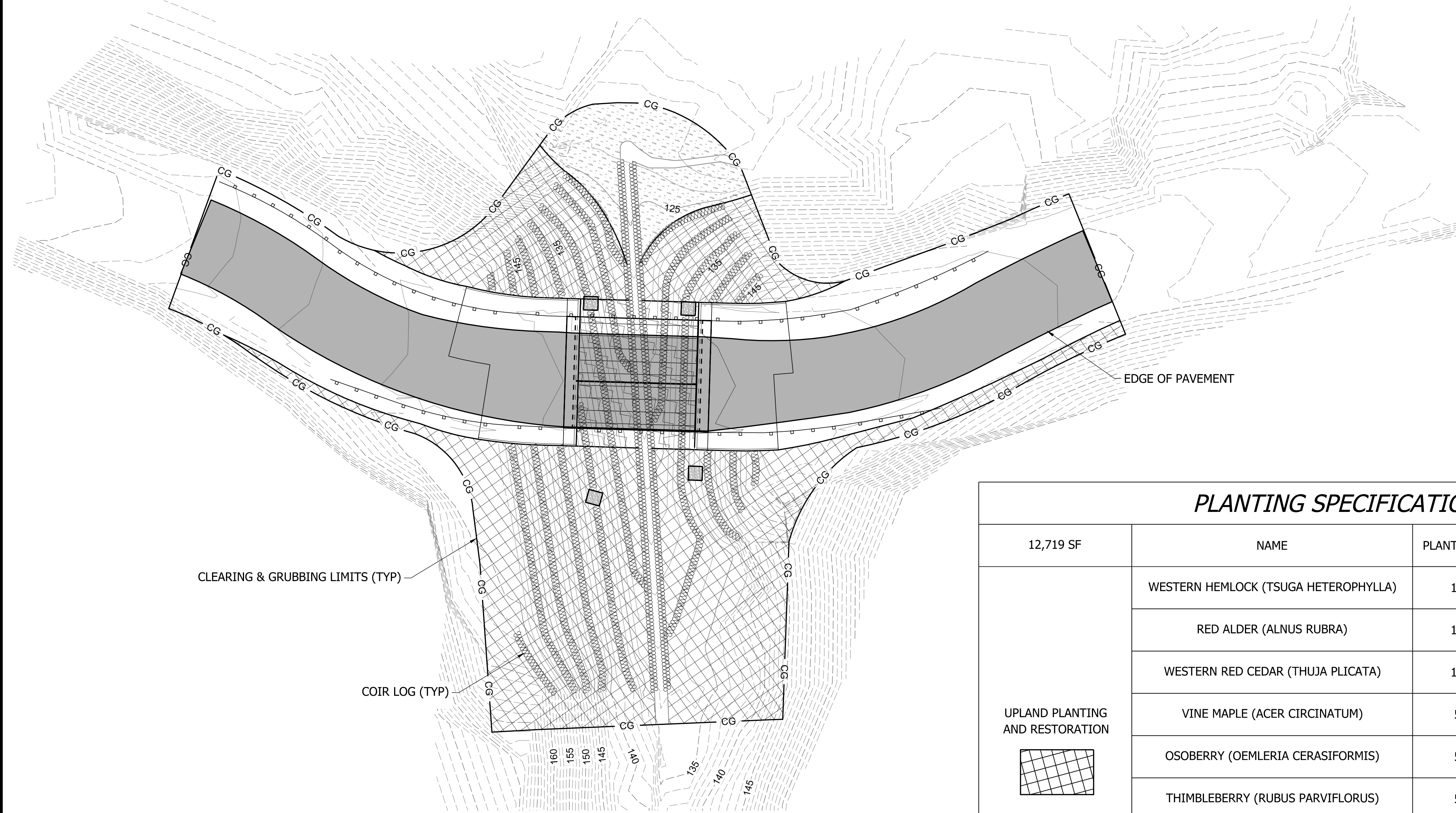
LAKE SYLVIA  
STATE PARK

CULVERT  
REPLACEMENT

PLANTING PLAN  
C11.0



PARKS FILE#



CLEARING & GRUBBING LIMITS (TYP)

COIR LOG (TYP)

EDGE OF PAVEMENT

PLANTING PLAN

**PLANT ESTABLISHMENT PLAN - 1 YEAR DURATION**

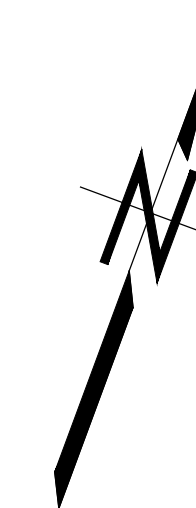
THE PLANT ESTABLISHMENT PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 8-02. THE PLAN SHALL SHOW THE PROPOSED SCHEDULING OF ACTIVITIES, MATERIALS, EQUIPMENT TO BE UTILIZED FOR THE FIRST-YEAR PLANT ESTABLISHMENT, AND AN EMERGENCY CONTACT PERSON. THE PLAN SHALL INCLUDE THE MANAGEMENT OF THE IRRIGATION SYSTEM, WHEN APPLICABLE. SHOULD THE PLAN BECOME UNWORKABLE AT ANY TIME DURING THE FIRST-YEAR PLANT ESTABLISHMENT, THE CONTRACTOR SHALL SUBMIT A REVISED PLAN PRIOR TO PROCEEDING WITH FURTHER WORK.

**NOTES:**

1. THE TOTAL PROJECT AREA IS APPROXIMATELY 23,300 SQUARE FEET.
2. APPROXIMATELY 16 TREES WILL BE REMOVED.
3. THE TOTAL REPLANTING AREA IS 12,719 SQUARE FEET.
4. PROVIDE A 5 FOOT SETBACK FROM NEW AND EXISTING SITE FEATURES TO REMAIN (WALLS, GUARDRAIL/BARRIER, EDGE OF ROADWAY, SIGNS, OTHER EXISTING VEGETATION ETC.).
5. ALL REPLANTING AREAS SHALL REQUIRE 3" DEPTH BARK OR WOOD CHIP MULCH ON TOP OF 6" DEPTH TOPSOIL TYPE A.
6. PLANT SPACING PER DETAIL 3, DWG C11.1.
7. PLANTING TO TAKE PLACE FROM OCTOBER 15TH TO DECEMBER 15TH, 2024.
8. ANY PLANT SUBSTITUTIONS SHALL BE APPROVED BY STATE PARKS PRIOR TO INSTALLATION.
9. ALL PLANTS SHALL CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1)



PLANTING SPECIFICATIONS				
12,719 SF	NAME	PLANT SPACING	TYPE OF PLANT	QUANTITY
UPLAND PLANTING AND RESTORATION 	WESTERN HEMLOCK (TSUGA HETEROPHYLLA)	15 FT	#2 CONT.	13
	RED ALDER (ALNUS RUBRA)	15 FT	#2 CONT.	25
	WESTERN RED CEDAR (THUJA PLICATA)	15 FT	#2 CONT.	13
	VINE MAPLE (ACER CIRCINATUM)	5 FT	#1 CONT.	33
	OSOBERRY (OEMLERIA CERASIFORMIS)	5 FT	#1 CONT.	60
	THIMBLEBERRY (RUBUS PARVIFLORUS)	5 FT	#1 CONT.	32
	RED ELDERBERRY (SAMBUCUS RACEMOSA)	5 FT	#1 CONT.	32
	WESTERN SWORDFERN (POLYSTICHUM MUNITUM)	5 FT	#2 CONT.	110
	SALAL (GULTHERIA SHALLON)	5 FT	#1 CONT.	32
	DEVILS CLUB (OPLOPANAX HORRIDUS)	5 FT	#1 CONT.	32
10,115 SF	SALMONBERRY (RUBUS SPECTABILIS)	5 FT	#2 CONT.	85
RIPARIAN PLANTING AND RESTORATION 	SLOUGH SEDGE (CARTEX OBNUPTA)	9 IN	PLUG	2697
	SALMONBERRY (RUBUS SPECTABILIS)	5 FT	#2 CONT.	32
	VINE MAPLE (ACER CIRCINATUM)	5 FT	#1 CONT.	7
	PACIFIC NINEBARK (PHYSOCARPUS CAPITATUS)	5 FT	#1 CONT.	7
	CASCARA (FRANGULA PURSHIANA)	5 FT	#1 CONT.	7
1,344 SF	THIMBLEBERRY (RUBUS PARVIFLORUS)	5 FT	#1 CONT.	7
UNDER BRIDGE PLANTING AND RESTORATION 	WESTERN SWORDFERN (POLYSTICHUM MUNITUM)	5 FT	#2 CONT.	53
1,260 SF				



VERTICAL DATUM  
NAVD 88  
PT 33 ELV: 265.15