NOTES

1. All work is limited to repair of concrete structures including piers and approach slabs and shall be designed and performed in accordance with the Environmental Protection Agency (EPA) and the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

2. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

3. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

4. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

5. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

6. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

7. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

8. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

9. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

10. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

11. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

12. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

13. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

14. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

15. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

16. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

17. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

18. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

19. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

20. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

21. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

22. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

23. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

24. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

25. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

26. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

27. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

28. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

29. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.

30. All work shall be coordinated with the Nevada Statewide Prime Wetlands (PWS) Guidelines and Erosion Control Measures for Construction and Maintenance of Public Roads. The construction activities will be limited to the area necessary to complete the work. The work shall be performed in such a manner as not to impact wetlands or significant habitat areas.
EROSION CONTROL STRATEGIES

GUIDANCE ON SELECTING TEMPORARY SOIL STABILIZATION MEASURES

<table>
<thead>
<tr>
<th>Slope Length</th>
<th>4:1 Slope</th>
<th>3:1 Slope</th>
<th>2:1 Slope</th>
<th>1:1 Slope</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ft</td>
<td>50 ft</td>
<td>33.3 ft</td>
<td>25 ft</td>
<td>20 ft</td>
</tr>
<tr>
<td>200 ft</td>
<td>100 ft</td>
<td>66.6 ft</td>
<td>50 ft</td>
<td>40 ft</td>
</tr>
<tr>
<td>300 ft</td>
<td>150 ft</td>
<td>100 ft</td>
<td>75 ft</td>
<td>60 ft</td>
</tr>
<tr>
<td>400 ft</td>
<td>200 ft</td>
<td>133.3 ft</td>
<td>100 ft</td>
<td>80 ft</td>
</tr>
<tr>
<td>500 ft</td>
<td>250 ft</td>
<td>166.6 ft</td>
<td>125 ft</td>
<td>100 ft</td>
</tr>
</tbody>
</table>

The slope length assumes a horizontal distance component of the slope, in feet. The following strategies are recommended for different slope lengths:

- **4:1 Slope:** Use sod or vegetative cover.
- **3:1 Slope:** Use mulch or compost blankets.
- **2:1 Slope:** Use bonded fiber matrix or stabilized mulch matrix.
- **1:1 Slope:** Use hydraulic mulch or sheeting.

**Strategies Specific to Open Areas Less Than 5 Acres:**

- Use sediment traps (ENV-WQ 1506.10) or temporary sediment basins to retain stormwater runoff.
- Install sediment barriers and traps at inlets to prevent sediment from entering the drainage system.
- Convey stormwater down the slope in a stabilized channel or slope drain.
- Disk, harrow, drag with a chain or mat, machine-rake, or hand-work the soil to produce a ruffled surface.
- Utilize temporary mulching or provide alternate temporary stabilization on exposed soils in accordance with Table 1.

**Strategies Specific to Open Areas Over 10 Acres:**

- All proposed vegetated areas which do not exhibit a minimum of 85% vegetative growth by October 15 must be stabilized.
- Implement soil binders on all slopes steeper than 3:1 to minimize erosion and reduce the soil binding treatment necessary.
- Monitor the system and consider additional stabilization measures if needed.

**Monitoring and Testing:**

- All areas that can be stabilized shall be stabilized prior to opening up new territory.
- The contractor shall be responsible for erosion and sediment control for one year after project completion.
- The contractor should utilize storm drain inlet protection to prevent sediment from entering storm drainage systems prior to the permanent installation.

**General Considerations:**

- Use of soil binders, mulch, and sediment traps is recommended to stabilize exposed soils.
- Temporary sediment basins or traps shall be placed and stabilized at locations where concentrated flow (channels and pipes) discharge to the 24-hour storm event for any area of disturbance or 3,600 cubic feet of stormwater runoff per acre of disturbance, whichever is greater.
- Sediment traps (ENV-WQ 1506.10) or temporary sediment basins (CGP-SECTION 2.1.3.2) shall be sized to retain, on site, the volume of a 2-year storm event for any area of disturbance.

**Winter Construction Plan:**

- A SWPPP amendment shall be submitted to the Department for approval, addressing cold weather stabilization (ENV-WQ 1505.05) and including additional area of disturbance.

**Erosion Control System:**

- The contractor should be prepared to meet the requirements of ENV-WQ 1505.02 and ENV-WQ 1505.05 and the New Hampshire Stormwater General Permit (CGP).
- This project will be subject to the US EPA's National Pollutant Discharge Elimination System (NPDES) Storm Water Construction General Permit.
585
590
595
600
605
610

JURISDICTIONAL AREAS.
WITH SECTION 645, BETWEEN THE GUARDRAIL REPLACEMENT AND
NATURAL BUFFER/PERIMETER CONTROLS TO BE INSTALLED IN ACCORDANCE
ON FOOT.
NON-MOTORIZED BOATS, RAFTS, LADDERS/SCAFFOLD, AND PERSONNEL
ACCESS WITHIN SALMON BROOK SHALL BE LIMITED TO
REQUIREMENTS.
AS PER NHDOT SPECIFICATION 650 AND/OR NHDES PERMIT
WITH ROLLED EROSION CONTROL PRODUCT OR MULCH AND TACKIFIER
ANY DISTURBED AREA WILL BE LOAMED, SEEDED AND STABILIZED
FOR MORE INFORMATION.
PERMANENT GRADING FOR ACCESS. SEE WETLAND IMPACT SUMMARY
OR ADJACENT WETLANDS AND THERE SHALL BE NO TEMPORARY OR
SHALL BE PERMITTED WITHIN THE BED OR BANKS OF SALMON BROOK
EXISTING ROADWAY SURFACES. NO TRACKED OR WHEELED VEHICLES
USE OF WHEELED OR TRACKED VEHICLES SHALL BE LIMITED TO THE
LIMITED TO ACCESS NEAR THE BRIDGE WINGWALLS.
ACCESS NEAR THE BRIDGE WINGWALLS.
ACCESS NEAR THE BRIDGE WINGWALLS.
WETLAND IMPACT SUMMARY SHEET FOR COFFERDAM DETAILS.
NO SUCH WORK IS ANTICIPATED AT BRIDGE NO. 124/096. SEE
CONCRETE SURFACES BELOW WATER SURFACE AT BRIDGE NO. 127/099.
TEMPORARY COFFERDAM SHALL BE IN PLACE PRIOR TO WORK ON
NATURAL BUFFER/PERIMETER CONTROLS CAN BE STAGGERED TO ALLOW FOR
ACCESS NEAR AND OFFICE compounds.
WATER IMPACTS ON WILDLIFE AND THEIR HABITATS. HUMILITY, SENSIBILIT(
EAGLES, TURDUS) OF BRIDGES.
PREVIOUS EVENTS/KNOWLEDGE OF LOCAL
REMARKS:

1. EAGLES, TURDUS) OF BRIDGES.
PREVIOUS EVENTS/KNOWLEDGE OF LOCAL
REMARKS:

1. EAGLES, TURDUS) OF BRIDGES.
PREVIOUS EVENTS/KNOWLEDGE OF LOCAL
REMARKS:

1. EAGLES, TURDUS) OF BRIDGES.
PREVIOUS EVENTS/KNOWLEDGE OF LOCAL
REMARKS:

1. EAGLES, TURDUS) OF BRIDGES.
TEMPORARY LANE CLOSURE AND TRAFFIC SHIFT
FOR CENTER JOINT STABILIZATION AND REPAIR
SCALE: 1" = 1'-0"

TEMPORARY TRAFFIC SHIFT
FOR CONSTRUCTION ACCESS
SCALE: 1" = 1'-0"

1-93 NORTHBOUND BRIDGE NO. 127/039