

WATER POLLUTION AND EROSION CONTROL NOTES (Cont.):

| | | | | | |
|------------------------|-------|--------------------------|----------------|--------------|-----------------|
| FED. ROAD DIST. NO. | STATE | FEDERAL AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | STP-7415(001) | 2014 | ADD. 15 | 173 |

E. PERMIT REQUIREMENTS:

1. A National Pollutant Discharge Elimination System (NPDES) Permit for Construction Activities of one acre or more of disturbed area is required for this project. If the Contractor requires extra land disturbance, including staging and storage areas, that is not covered by the NPDES Permit obtained by the State, the Contractor shall be responsible for obtaining the required NPDES Construction Activities Permit to cover this additional disturbed area. See Hawaii Administrative Rules Chapter 11-55, Appendix C for definition of land disturbance. The Contractor's attention is directed to the applicable NPDES Permit documents on the bid package compact disc.
2. Comply with all applicable State and Federal Permit conditions. Permits may include, but not limited to the following:

a. NPDES Permit for Construction Activities

F. SITE-SPECIFIC BMP REQUIREMENTS:

Each BMP below is referenced to the corresponding section of the current HDOT Construction Best Management Practices Field Manual and appropriate Supplemental Sheets. The Manual may be obtained from the HDOT Statewide Stormwater Management Program Website at <http://www.stormwaterhawaii.com/resources> under Construction Best Management Practices Field Manual. Supplemental BMP sheets are located at http://stormwaterhawaii.com/contractors/contractors_BMPmanual.aspx under Concrete Curing and Irrigation Water.

The requirements for Water Pollution, Dust, and Erosion Control submittals are included in Section 209 of the Hawaii Standard Specifications for Road and Bridge Construction dated 2005 and applicable Special Provisions. A list of pollutant sources and corresponding BMP used to mitigate the pollutants are included in Section 209 of the Special Provisions under Appendix A.

Follow the requirements below:

1. Protect all Drainage Inlets receiving runoff from disturbed areas (SC-2).
2. Contain on-site runoff using Perimeter Sediment Controls

a. SC-1 Silt Fence

b. SC-5 Vegetated Filter Strips and Buffers

c. SC-8 Compost Filter Berm

d. SC-13 Sandbag Barrier

e. SC-14 Brush or Rock Filter
3. Control offsite runoff from entering construction area

a. EC-8 Run-On Diversion

b. SC-6 Earth Dike

c. SC-7 Temporary Drains and Swales
4. Incorporate applicable Site Management BMP

a. SM-1 Employee Training

b. SM-2 Material Delivery and Storage

c. SM-3 Material Use

d. SM-4 Protection of Stockpiles

e. SM-6 Solid Waste Management

f. SM-7 Sanitary/Septic Waste Management

g. SM-9 Hazardous Waste Management

h. SM-10 Spill Prevention and Control

i. SM-11 Vehicle and Equipment Cleaning

j. SM-12 Vehicle and Equipment Maintenance

k. SM-13 Vehicle and Equipment Refueling

l. SM-14 Scheduling

m. SM-15 Location of Potential Sources of Sediment

n. SM-16 Preservation of Existing Vegetation

o. SM-18 Dust Control
5. Contain pollutants within the Construction Staging/Storage Area BMP with applicable Perimeter Sediment Controls and Site Management BMP. Include a Stabilized Construction Entrance/Exit (EC-2) for all areas which exit onto a paved street. Restrict vehicle access to these points.
6. Manage Concrete Waste including installing a Concrete Washout Area (SM-5) and properly disposing of Concrete Curing Water (California Stormwater BMP Handbook NS-12 Concrete Curing).
7. Remove saw cut slurry and hydrodemolition water from the site by vacuuming. Provide storm drain protection and/or perimeter sediment controls during saw cutting and hydrodemolition work.

| | |
|---------|--------------------------------|
| 8/22/14 | Deleted items a-d of note E.1. |
| Date | Revision |

PAMELA K. UYEDA

LICENSED PROFESSIONAL ENGINEER

No. 10352-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

04/30/16

SIGNATUREEXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

WATER POLLUTION & EROSION CONTROL NOTES

MIDDLE STREET PAVEMENT RECONSTRUCTION

North King Street to Kamehameha Highway

FAP NO. STP-7415(001)

Scale: NONE

Date: June 20, 2014

| | |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY | |
| TRACED BY | |
| DESIGNED BY | |
| QUANTITIES BY | |
| CHECKED BY | |
| ORIGINAL PLAN | |
| NOTE BOOK | |
| N# | |