

ITEM 730

CONCRETE TRUCK WASHOUT STRUCTURES

- 730.1 Description. This Item shall govern for furnishing, installing and removing concrete washout structures. The description for maintenance is included in this Item, but payment for maintenance is part of Item 751 "SWPPP Inspection and Maintenance".
- 730.2 Submittals. Concrete truck washout structure shall be used per Standard Civil Drawing.
- Submit site plan showing location(s) of concrete truck washout structure(s) for approval.
- Submit plan for disposal of both concrete truck washout water and solid concrete wastes for approval.
- 730.3 Concrete Truck Washout Structure. Refer to the Standard Civil Drawing detail for "Concrete Truck Washout Structure", with Sandbags.
- 730.4 Placement. Do not locate concrete washout structures within 50 feet of storm drain inlets, open drainage facilities or watercourses.
- Locate away from construction traffic or access areas to prevent disturbance or tracking.
- 730.5 Construction. Install a sign adjacent to each temporary concrete washout structure to inform concrete equipment operators to utilize the proper facilities. See Detail sheets for sign dimensions.
- Detail – "Below Grade Concrete Truck Washout Structure with Sandbags".
- Construct temporary concrete truck washout structures below grade with a minimum length and width of 10 feet. Construct and maintain concrete truck washout structures in sufficient quantity and size to contain all liquid and concrete waste generated by washout operations.
 - Remove rocks and other debris in soil base of structure that might tear or puncture the plastic lining.
 - Provide plastic lining material which is a minimum of 10 mil thick polyethylene sheeting. Sheeting shall be free of holes, tears or other defects that compromise the impermeability of the lining. Install lining seams in accordance with manufacturers' recommendations.
 - Provide sandbags to hold plastic lining in place.
 - Install 15 feet by 35 feet by 8 inches thick granular fill truck parking pad underlain with geotextile per Item 724 "Stabilized Construction Access".
 - Install orange safety fence around three sides of the structure as shown on the drawing detail.

- 730.6 Maintenance. Once concrete wastes are washed into the designated structure and allowed to harden, break up the concrete, remove and dispose in accordance with approved submittal.
- Inspect lining integrity and level in concrete washout structure before each rainfall to prevent overtopping due to rainfall and daily during periods of daily rainfall and, at a minimum, once every week.
- Repair or replace damaged lining or other damaged or missing parts of the washout structure immediately.
- Maintain level in washout structure(s) to provide adequate holding capacity with a minimum freeboard of 12 inches.
- Existing washout structure(s) must be cleaned, or new washout structure(s) constructed and ready for use once the washout structure is 75 percent full.
- 730.7 Removal of Concrete Washout Structures. Once concrete washout structures are no longer required, as determined by the Engineer, remove and dispose the hardened concrete and concrete washout water per the approved submittal.
- 730.8 Material Disposal. Dispose materials used to construct truck washout structure(s) and granular fill parking pad(s) in compliance with current local, State and Federal Regulations.
- Remove unusable, objectionable or excess material from the construction work area. Dispose of such material in compliance with current local, State and Federal Regulations.
- Disposal of material in the 100-year flood plain without permits is prohibited.
- Disposal of material in wetlands or other environmentally sensitive areas without permits is prohibited.
- Material disposed of without permits shall be removed and properly disposed of at no cost to the County. Restore the site at no cost to the County.
- 730.9 Site Restoration. Compact clean fill in pit up to surrounding grade.
- Backfill and repair all holes, depressions or other ground disturbances caused by the construction and removal of the concrete washout structure(s).
- Restore concrete washout structure area to match surrounding grade and vegetation.

730.10 Measurement. Measurement is as noted as lump sum. No separate measurement will be made for maintenance or removal of accumulated washout structure wastes.

730.11 Payment. Payment is lump sum, for the duration of the project. Payment shall include and be full compensation for all labor, equipment, materials, supervision and for all incidental expenses for the installation of concrete washout structures, complete in place, where 60% of the total cost shall be for the furnishing and installation with embankment and excavation. Thus, 40% of the total cost shall be for the removal of concrete truck washout structures, after final stabilization, at the end of the project.

No separate payment will be made for maintenance or removal of accumulated washout structure wastes, per this Item. Removal of the concrete washout structure and site restoration is a part of the cost bid for the concrete washout structure. For the Below Grade Concrete Washout Structure shown on the Standard Civil Drawing detail, the sandbags and geotextile are incidental to the cost of the concrete truck washout structure.

There are line code(s), description(s), and unit(s) for this Item.

NOTE: This Item requires a Standard Civil Drawing that shall be incorporated into the contract documents.

NOTE: This Item requires other Standard Specifications.

Item 724 "Stabilized Construction Access"

Item 751 "SWPPP Inspection and Maintenance".

END OF ITEM 730