





















**Notes for Concrete Washout:**

- Concrete washout areas shall be installed prior to any concrete placement on site.
- Concrete washout area shall include a flat subsurface pit sized relative to the amount of concrete to be placed on site. The slope leading out of the subsurface pit shall be 3:1. The vehicle tracking pad shall be placed towards the concrete washout area.
- Vehicle tracking control is required at the access point to all concrete washout areas.
- Slope shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck and pump rigs.
- A one-piece impervious door may be required along the bottom and sides of the subsurface pit in ramp or gravelly soils.

**Maintenance for Concrete Washout:**

- Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.
- Concrete washout areas shall be enlarged as necessary to maintain capacity for washed concrete.
- Concrete washout water, washed pieces of concrete and all other debris in the subsurface pit shall be transported from the job site in a weather-tight container and disposed of properly.
- Concrete washout areas shall remain in place until all concrete for the project is placed.
- When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topped, any disturbed areas associated with the installation, maintenance, and/or removal of the concrete washout areas shall be stabilized.

**Notes for Construction Entrance:**

- Avoid loading on steep slopes, at curves on public roads, or downhills of disturbed areas.
- Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
- If slope towards the public road exceeds 2%, construct a 6- to 8-inch high ridge with 3:1 V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
- Install pipe under the entrance if needed to maintain drainage distance along public roads.
- Place stone to dimension and grade as shown on plans. Leave surface sloped for drainage.
- Divert all surface runoff and drainage from the entrance to a sediment control device.
- If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

**Maintenance for Construction Entrance:**

- Reshape entrance as needed to maintain function and integrity of installation. Top dress with clean aggregate as needed.

**CONCRETE WASHOUT**

**AMERICAN PUBLIC WORKS ASSOCIATION**  
  
 KANSAS CITY METRO CHAPTER  
 STANDARD DRAWING NUMBER ESC-01  
 ADOPTED: 10/24/2016

**CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT**

Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control; Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

\* Contractor shall field verify that Pooled Water Depth will not cause unintended flooding.

**Notes:**

- Immediately following inlet construction and prior to construction of curb and inlet throat, protect inlet opening by installing 2' x 10' (min.) board wrapped in silt fence. Structure shall have excavated storage area on all four sides to allow settling of sediment (Early Stage Curb Inlet).
- When inlet is completed and curb poured, filter socks or approved equal should be used (Late Stage Curb Inlet). Straw wattles are not approved for curb inlet use.
- Contractor shall field verify ponding water shall not create a traffic hazard.

**Maintenance:**

- Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
- Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
- Repair or replace as necessary to maintain function and integrity of installation.

**EARLY STAGE CURB INLET**  
 (Open Box and Prior to Pouring Curb and Inlet Throat)

**AMERICAN PUBLIC WORKS ASSOCIATION**  
  
 KANSAS CITY METRO CHAPTER  
 STANDARD DRAWING NUMBER ESC-06  
 ADOPTED: 10/24/2016

**CURB INLET PROTECTION**

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

**Notes:**

- In order to contain water, the ends of the silt fence must be turned uphill (Figure A).
- Long perimeter runs of silt fence must be limited to 100'. Runs should be broken up into several smaller segments to minimize water concentrations (Figure A).
- Long slopes should be broken up with intermediate rows of silt fence to slow runoff velocities.
- Attach fabric to upstream side of post.
- Install posts a minimum of 2' into the ground.
- Tranching will only be allowed for small or difficult installation, where sloping machine cannot be reasonably used.

**Maintenance:**

- Remove and dispose of sediment deposits when the deposit approaches 1/2 the height of silt fence.
- Repair as necessary to maintain function and structure.

**JOINING FENCE SECTIONS**

**AMERICAN PUBLIC WORKS ASSOCIATION**  
  
 KANSAS CITY METRO CHAPTER  
 STANDARD DRAWING NUMBER ESC-03  
 ADOPTED: 10/24/2016

**SILT FENCE**

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

\* Contractor shall field verify that Pooled Water Depth will not cause excessive unintended flooding.

**Notes:**

- Early Stage Area Inlet Sediment Barrier to be installed immediately after inlet or junction box is constructed.
- Silt fence shall remain in place until excavated area is removed and Late Stage Area Inlet is being installed.
- Backfill excavated area ONLY after final grading of the site. Stabilization of the site is to immediately follow.
- Wire reinforced silt fence may be used in place of silt fence attached to wood frame.

**Maintenance:**

- Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
- Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
- Repair or replace as necessary to maintain function and integrity of installation.

**EARLY STAGE AREA INLET**  
 (All open boxes and inlets not at final grade)

**AMERICAN PUBLIC WORKS ASSOCIATION**  
  
 KANSAS CITY METRO CHAPTER  
 STANDARD DRAWING NUMBER ESC-07  
 ADOPTED: 10/24/2016

**AREA INLET AND JUNCTION BOX PROTECTION**

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.











