

### PIPE OUTLET TO CHANNEL\*

Pipe Outlet To Well-Defined Channel

**PLAN**

**SECTION A-A**

Diagrams show a plan view of a pipe outlet surrounded by riprap, and a section A-A view showing the riprap structure and filter fabric details.

**NOTES:**

1. The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
2. The rock riprap shall meet the IDDT requirements for the following gradation: RR-4, Quality 3.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.
4. Riprap shall be placed in accordance with the IDDT Standard Specification, Section 281 and the Special Provisions if applicable.
5. The type, size, location and dimensions of the Riprap are shown on the plan and profile sheets.

REFERENCE: Project, Designed, Checked, Approved. DATE. STANDARD DWG. NO. IL-611. SHEET 1 OF 1. DATE 8-18-94. NRCS Natural Resources Conservation Service.

### STABILIZED CONSTRUCTION ENTRANCE PLAN

**PLAN VIEW**

**SIDE ELEVATION**

Diagrams show a plan view of a stabilized construction entrance with a wash rack and aggregate, and a side elevation showing the slope and pavement details.

**NOTES:**

1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDDT coarse aggregate gradation: CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction (Material Dumped and Spread, Compaction by spreading operation).
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE: Project, Designed, Checked, Approved. DATE. STANDARD DWG. NO. IL-630. SHEET 1 OF 2. DATE 8-18-94. NRCS Natural Resources Conservation Service.

### STABILIZED CONSTRUCTION ENTRANCE PLAN

**SECTION A-A**

**SECTION B-B**

Diagrams show cross-sections of a stabilized construction entrance, detailing the filter fabric, aggregate, and reinforced concrete base.

REFERENCE: Project, Designed, Checked, Approved. DATE. STANDARD DWG. NO. IL-630. SHEET 2 OF 2. DATE 8-18-94. NRCS Natural Resources Conservation Service.

### INLET PROTECTION - SILT FILTER

**URETHANE FOAM/GEOTEXTILE DITCH CHECK**

**SILT FILTER FENCE AS A PERIMETER EROSION BARRIER**

Diagrams show inlet protection details, including a urethane foam/geotextile ditch check and a silt filter fence as a perimeter erosion barrier.

**TEMPORARY EROSION CONTROL SYSTEMS**  
(Sheet 2 of 3)  
STANDARD 280001-02

### STRUCTURAL STREAMBANK STABILIZATION - RIPRAP

**SECTION**

Diagram shows a cross-section of structural streambank stabilization using riprap, including filter fabric and backfill trench details.

**NOTES:**

1. The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
2. The rock riprap shall meet the IDDT requirement for the following gradation: RR-4, Quality 3.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE: Project, Designed, Checked, Approved. DATE. STANDARD DWG. NO. IL-640. SHEET 1 OF 1. DATE 3-3-95. NRCS Natural Resources Conservation Service.

### TEMPORARY SEDIMENT TRAP

**CROSS SECTION**

**PLAN SECTION**

Diagrams show cross and plan sections of a temporary sediment trap, detailing the filter fabric, spillway, and construction area.

**NOTES:**

1. If the sediment pool is formed or enlarged the side slope will be 2:1 or flatter.
2. The fill shall be constructed using IDDT RR-4 stone size. A layer of IDDT CA-2 should be placed on the inside face to reduce the flow rate.
3. The rock will be placed according to construction specification 25 ROCKFILL. Placement will be by Method 1 and compaction will be Class III.
4. The geotextile shall meet the requirements in material specification 592 GEOTEXTILE table 1 or 2, class II, or IV.

REFERENCE: Project, Designed, Checked, Approved. DATE. STANDARD DWG. NO. IL-660. SHEET 1 OF 1. DATE 11-20-01. NRCS Natural Resources Conservation Service.

### DETAIL PERIMETER EROSION BARRIER (SPECIAL)

**ELEVATION**

**PLAN**

Diagrams show a detail of a perimeter erosion barrier, including elevation and plan views, and a note about the backfill trench to secure the fabric.

**TEMPORARY EROSION CONTROL SYSTEMS**  
(Sheet 3 of 3)  
STANDARD 280001-02

### INLET AND PIPE PROTECTION

**SEDIMENT BASIN**

**TEMPORARY DITCHES FOR CUT & FILL SECTIONS**

Diagrams show inlet and pipe protection details, including a sediment basin and typical cross-sections for cut and fill sections.

**TEMPORARY EROSION CONTROL SYSTEMS**  
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