

Changes – December 10, 2013

**The following plans will go into effect for the April 2014 Letting**

**Standard Plan**

4430-0-E-09 - Curb Inlets and Junction Box replaces 4430-0-E-08

Y1 -2" was added back in on Junction Box section C-C 2nd page. It was taken off in 2007 by mistake.

5010-0-E-06 - Erosion Control replaces 5010-0-E-05

Page 1: "Plan View Stapling Diagram" (upper left) – Extend the joint lines beyond the ditch bottom and remove 6" O.C from the plan;

"Typical Soil Retention Blanket Installation" (upper right) – Retitle as "Typical Erosion Control Blanket Installation";

"Typical Cross-Section" (lower left corner) – Change the 10" ditch width to 10'.

Page 2: "Typical Installation at Box Culvert" (upper right) – The dimension behind the box culvert parapet wall is 5' min., not 4';

"Plan View Stapling Diagram" (for FES, lower left) – "X" dimension is equal to the outside width of the FES, change the (X) + 4' dimension to 4' Min.,

change the (X) + 8' dimension to 8' Min., change the note below the title to read "(X) is equal to the outside width of the flared end section";

"Plan View Stapling Diagram (for CBC, lower center) – Change the (X) + 4' dimension to 4' Min., change the (X) + 8' dimension to 8' Min.

Page 3: "Shoulder Installation" (upper right) – Replace "Shoulder" and "Surfaced Shoulder" with "Surfacing";

"Ditch Anchor Fold" bubble (right of center) – show the detail on a 4% slope;

"Plan View Stapling Diagram for Class 1B, ..." – Show a 12" to 14" gap between the surfacing and the edge of the blanket at the top of the detail;

“Notes” (lower right) – In the 2nd note replace “Shoulder” with “Surfacing” and replace “Safety Edge Shoulders” with “Beveled Edge”.

5020-0-E-01 - Silt Fence Details replaces 502-0-E-00

Page 1: “Silt Fence” (Option One & Option Two details at middle and lower left) – Add the “Trench and Compact Backfill.

See Trench Detail” note to the details.

Page 2: “Silt Fence Outlet Protection” (upper left) and “Silt Fence Inlet Protection” (lower left) – Show the soil retention erosion control blanket.

### **Special Plan**

4440-1-E-00 - Reconstruct Gutter Depression for 2” Grade Raise

New Plan

5100-1-E-03 - Erosion Checks (all Types) and Fabric Silt Checks – **Obsolete (take this plan out of your book)**

5101-1-E-00 - Concrete Washout & Construction Exit

**New Plan - The Concrete Washout item will be subsidiary to concrete work. This will not be measured or paid for specifically, but will be subsidiary.**

**The Construction Exit will be paid for by the Each, and will be a bulk Group 10 item. Most commonly this will be included on projects that disturb enough**

**ground to require an (NPDES) Construction Storm water Permit and a SWPPP.**

#### 5102-1-E-00 - Inlet Protection

New Plan - These items will be called out in the plans by the each, and will require a special provision until the new spec book is published.

They will be bulk Group 10 items. The specific type of inlet protection will not be called out, rather the contractor is allowed to construct any one of a suite of types.

#### 5103-1-E-00 - Temporary Pipe Slope Drain

New Plan - These items will be measured and paid for by the linear foot. A special provision will be required until the new spec book is published.

These will be group 10 items, and will be bulk items that will usually not be drawn on the plan sheets, except for special cases.)

#### 5104-1-E-00 – Silt Checks All Types

##### New Plan

These items will be paid for by the Linear Foot, and a special provision will be used until the new spec. book is published.

These items will be drawn on the Erosion and Sediment Control Plan sheets just like Erosion Checks 'Type Wattle' would be today.

But these Wattles will NOW have types: Type 1 High and Low; Type 2 High and Low; Type 3 High and Low and Type 4

There is a new cell in the tab cell library for this: ME45A

And we will need to label this on the plans also. PDU is working up a sample to put on the K Drive and I can send it around in PDF form when it is done.

5108-1-E-02 - Temporary Silt Checks - **Obsolete (take this plan out of your book)**

7040-1-E-04 – Bridge Approach Section 27" Height - **Obsolete (take this plan out of your book)**

7041-1-E-04 – Special Bridge approach Section 27” Height - **Obsolete (take this plan out of your book)**

7042-1-E-00 – Bridge Rail Rehab With Modified Bridge Approach Section 27” Height - **Obsolete (take this plan out of your book)**

7043-1-E-03 – Guardrail Location Tables 27” Height - **Obsolete (take this plan out of your book)**

7044-1-E-03 – Guardrail Hardware Details 27” Height - **Obsolete (take this plan out of your book)**

7045-1-E-01 – End Anchorage Assembly 27” Height - **Obsolete (take this plan out of your book)**

7048-1-E-02 – Culvert Mounted Guardrail Post Details 27” Height - **Obsolete (take this plan out of your book)**

7460-1-E-00 – Midwest Guardrail System Bridge Approach Section TL-2 – 31” Height

New Plan

7771-1-E-00 – Melt Type I and II - **Obsolete (take this plan out of your book)**

## Information

4334-3-E-02 Approach Slab Drainage Inlet – 27” Height – replaces 4224-3-E-0

Updated offset from grate to guardrail, updated actual 25' length, updated transition of curb to surface.

Added asphalt curb detail. Changed the width of the post and blockout from 1'-7" to 1'-2" for crest and for sag.

The measurement used to go to front of rail now it goes to back of rail.

4335-3-E-02 - Approach Slab Drainage Inlets - 31” Height replaces 4335-3-E-01

Updated offset from grate to guardrail, updated actual 25'-0" length, updated transition of curb to surface.

Added asphalt curb detail. Changed the width of the post and blockout from 1'-10" to 1'-6" for crest and 1'-2" for sag.

The measurement used to go to front of rail now it goes to back of rail.

## Standard Details

1730-5-E-05 Surfacing Around Guardrail View 1-9 – 27" Height - **Obsolete (take this plan out of your book)**

1731-5-E-02 Surfacing Around Guardrail Views 1-9 31" Height replaces 1731-5-E-01

Changed the width of the post and blockout from 1'-10" which was to the front of the rail to 1'-6" which is to the back of rail.

## Design Guides

7046-6-E-00 Curved Beam Design Guide – 27" Height - **Obsolete (take this plan out of your book)**

7771-6-E-01 ET Plus – TL2 replaces 7771-6-E-00

Updated from web

7783-6-E-01 Cable Barrier System Group – Gibraltar replaces 7783-6-E-00

Updated from web

7901-6-E-01 – FLEAT-SP-MGS Top of Rail (for End Treatment Type II) replaces 7901-6-E-00

Updated from web

7902-6-E-01 – SRT 31(for End Treatment Type II) replaces 7902-6-E-00

Updated from web

If you have questions call Phil TenHulzen at 402-479-3951.