



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

JENNIFER COHAN
SECRETARY

MEMORANDUM

To: Current Holders of the standard Construction Details

From: Mr. James Pappas
Assistant Director of Engineering Support

Date: June 27, 2017

Subject: 2017 Standard Construction Details Update

Attached is the 2017 update for the Standard Construction Details that are assigned to you. Please replace the sheets in your set with those attached. Below is a list of the changes in this revision:

Below is a list of the changes in this revision:

- **General Changes**
 - We are continuing to remove the metric dimensions for all sheets as they are revised.
 - We are beginning to switch all notes over to the “Active Voice” to match the rewriting of the Standard Specifications Manual.
- **Detail B-1, Sheet 1 – Types 1-31, 2-31, AND 3-31 Guardrail Applications**
 - Reworded note number one.
 - Changed the max drop on Soil Finished Grade to 4” over 2’-0”.
 - “See Note 1 & 2” has been added to **Detail Type’s 1-31, 2-31, 3-31.**
- **Detail B-1, Sheet 3 – Types 1-31, 2-31, and 3-31 Guardrail Applications**
 - Added a sub note calling out the Standard Specifications and the use of alternative Offset Block Materials.
 - Added parameters if shoulder *is* and *is not* present.
 - Added dimension for the Edge of Pavement or Travel Lane.
 - Added “10:1 or flatter” to the Guardrail Section – Median Application.

- **Detail B-13, Sheet 10 – Guardrail Mounted Rail**
 - Reworded the “Notes” to reflect the changes that have been made.
 - Added dimensions to the Start and End section of the Rear view Detail.
 - Changed 4” dimension to 3” for the Side view bracket.
- **Detail B-L, Sheet 1 – Barrier Legend**
 - General Cleanup of table
- **Detail C-1, Sheet 1 – Integral P.C.C Curb & Gutter**
 - Retitled this sheet.
 - Adjusted notes to add clarification.
 - Modified Dimensions and leaders to add clarity to the details.
 - Add Leader with Dimensions to P.C.C. Curb
- **Detail C-1, Sheet 2 – Integral P.C.C. Curb & Gutter**
 - Renumbered this sheet.
 - Modified Dimensions and leaders to add clarity to the details.
 - Adjusted Notes to clarify depressed curbs with reference sheets.
 - Moved (3) details to new sheet
- **Detail C-1, Sheet 2 – Integral P.C.C. Curb & Gutter**
 - Sheet added.
- **Detail C-5, Sheet 1 – Curb Opening With Sidewalk Detail**
 - Changed Ratios for slope to Percentages for clarity.
 - Added Notes #2 & #3
 - Added Note references to details
- **Detail C-6, Sheet 1 – Curb Retaining Wall**
 - Note #15 has been added
- **Detail D-R, Sheet 1 – Drainage Inlet Reference Sheet**
 - Added Note #7.
- **Detail M-2, Sheet 1 – Right of Way Monumentation**
 - Added Note #5
- **Detail M-10, Sheet 3 – Bridge Safety Fence**
 - Modified for Clarity
- **Detail M-2, Sheet 1 – Right of Way Monumentation**
 - Note #5 has been added
- **Detail M-11, Sheet 1 – Steel Plate**
 - Sheet Added
- **Detail L-1, Sheet 2 – Planting Details**
 - Reworded Excavated soil leader for clarity.
 - Reworded Notes for clarity.
- **Detail L-1, Sheet 3 – Planting Details**
 - Section view detail hatching has been changed
- **Detail T-4, Sheet 2 – Cabinet Bases, Types P&R**
 - In “P&R” Cabinet plan view, the 2” PVC service conduit has been change to 2” galvanized service conduit.

- **Detail T-5, Sheet 3 – Pole Bases**
 - Changed Horizontal Reinforcing Bar from #4 to #5

Please contact Billy Sweeney at (302) 760-2350 if you have any questions.

Sincerely,



James T. Pappas, Assistant Director
Office of Performance Management

JP:ws/c-m

enclosure

cc: Robert McCleary, Director of Transportation Solutions
James Pappas, Assistant Director, Quality Section
Pat Kennedy, FHWA
File