2009 Standard Construction Details

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DelDOT – Quality Section

General 2009 Standard Construction Detail changes

New Sheets

- Detail B-2, Sheet 3 of 3 Guardrail over Culverts, Type 3
- Detail B-3, Sheet 1 of 1 Guardrail End Treatment, Type 4
- Detail B-14, Sheet 3 of 4 42" (1050) Concrete Safety Barrier (F Shape)
- Detail P-3, Sheet 1 of 1 Butt Joint Detail
- Detail T-15, Sheet 1 of 1 Breakaway Sign Post and Pin Assembly Detail

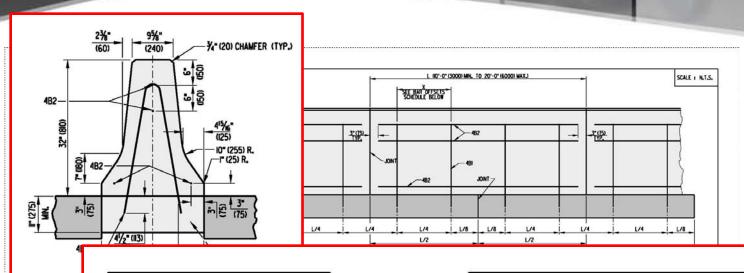
Sheet # Changes

- Detail B-2, Sheet 1 of 1 is now Detail B-2, Sheet 1 of 3.
- Detail B-3, Sheet 1 of 1 is now Detail B-2, Sheet 2 of 3.
- Detail B-14, Sheet 1 of 3 is now Detail B-14, Sheet 1 of 4.
- Detail B-14, Sheet 2 of 3 is now Detail B-14, Sheet 2 of 4.
- Detail B-14, Sheet 3 of 3 is now Detail B-14, Sheet 4 of 4.

Other

You will notice that the sheets no longer contain signatures and instead now say "Signature
on File" with the date Approved or Recommended in the appropriate spots.

Detail B-14, Sheet 1 of 4 – 32" (960) Concrete Safety Barrier (F Shape)



BAR OFFSETS						
NOMINAL LENGTH OF BARRIER SECTION (L)	x	NO. REO'D FOR EACH BARRIER SECTION				
20' (6000)	5' - 0" (1500)	4				
18' (5500)	4' - 6" (1350)	4				
16' (5000)	4' - 0" (1200)	4				
14' (4500)	3' - 6" (1050)	4				
12' (4000)	3' - 0" (900)	4				
10' (3000)	2' - 6" (750)	4				

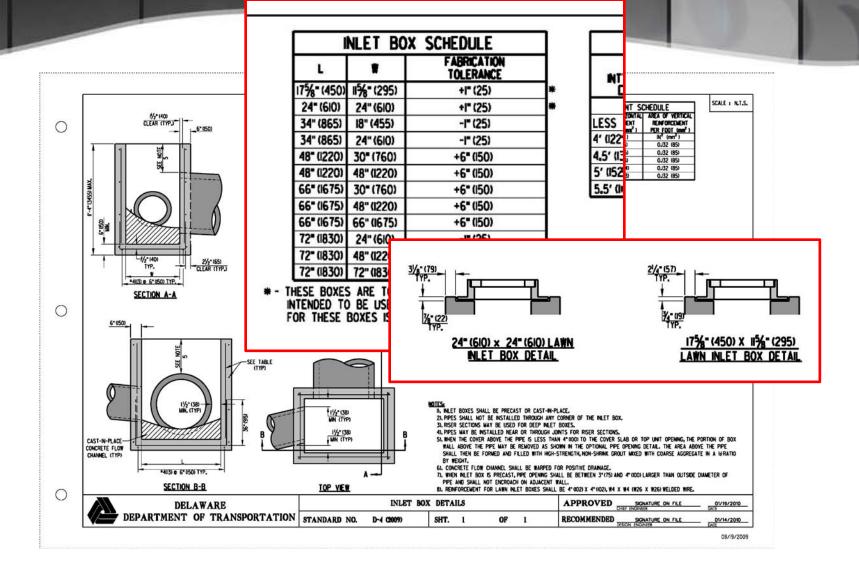
BAR LIST							
MARK	SIZE	NUMBER IN EACH SECTION	LENGTH	TYPE	A	В	С
4BI	4 (13)	**	5'-4" (1625)	-1	7" (175)	301/2" (775)	2" (50)
4B2	4 (13)	4	*	STR.	N/A	N/A	N/A

- * THE LENGTH OF BAR 4B2 SHALL BE 6"(150) SHORTER IN LENGTH THAN THE NOMINAL SIZE OF THE BARRIER IN WHICH IT IS USED.
- ** SEE "BAR OFFSETS" CHART ON THIS SHEET FOR MORE INFORMATION.

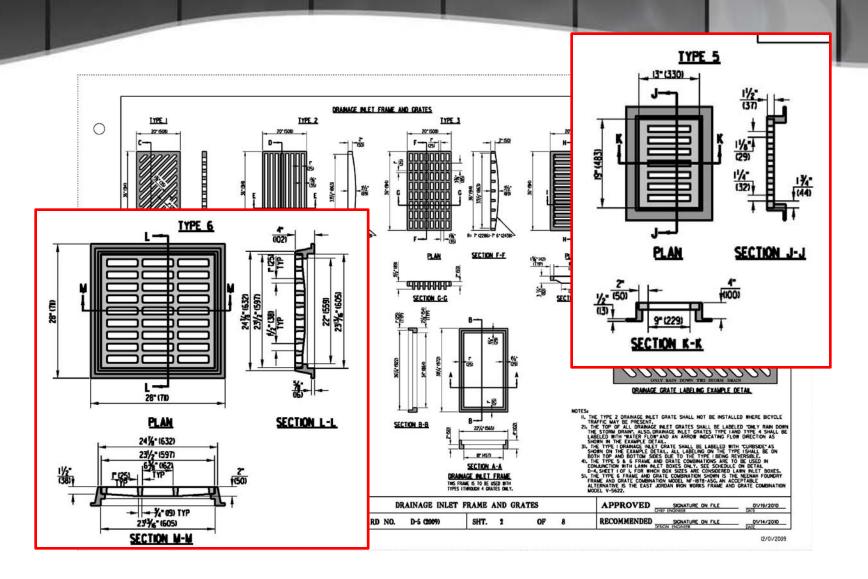
NOTES D. CONCRETE CLEAR COVER FOR REINFORCING BARS SHALL BE 1½2*(40) MIN.
2). BARS SHALL BE CUT AT EVERY JOINT IF MADE USING CONTINUOUS SLIP-FORM CONSTRUCTION.

DELAWARE	DELAWARE	32° 0600 CONCRETE SAFETY BARRIER (F SHAPE)				APPROVED SIGNATURE ON FILE 01/19.	/2010		
DEF	PARTMENT OF TRANSPORTATION	STANDARD NO.	B-14 (2009)	SHT.	1	OF	4	RECOMMENDED SIGNATURE ON FILE 01/14.	/2010

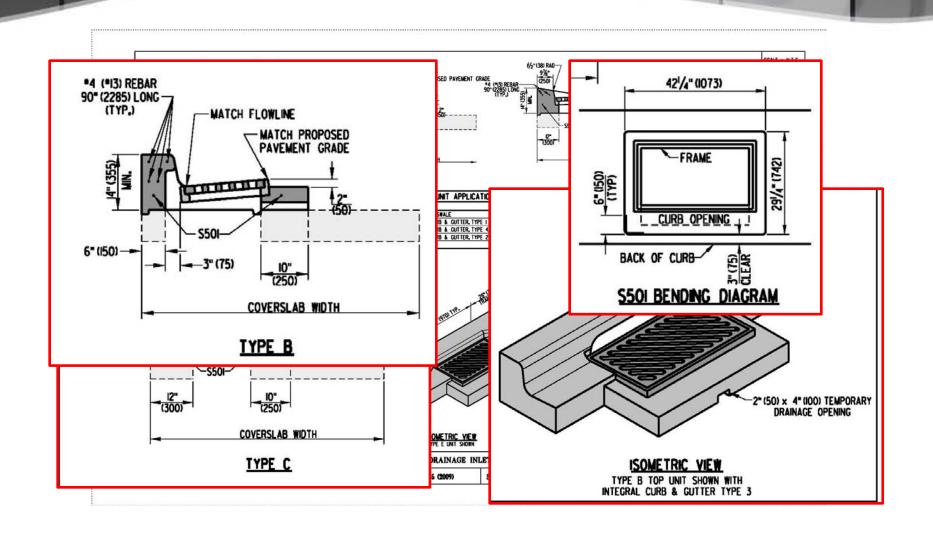
Detail D-4, Sheet 1 of 1 – Inlet Box Details



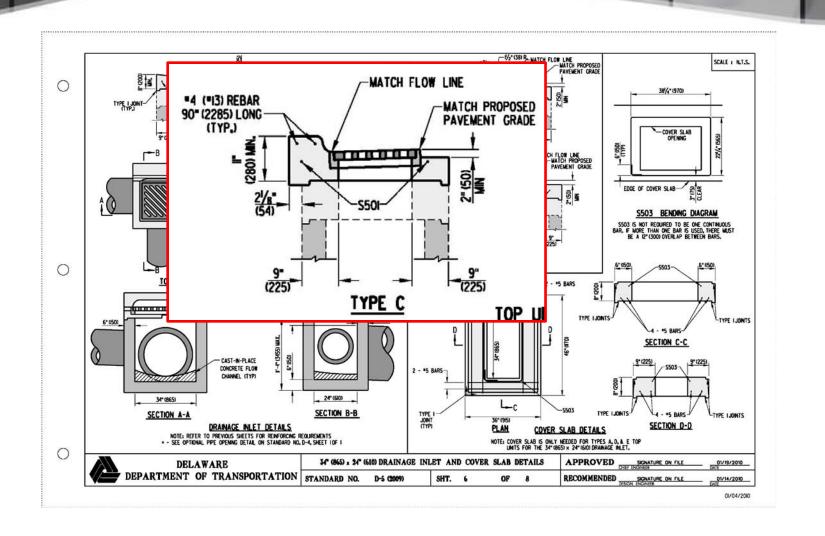
Detail D-5, Sheet 2 of 8 – Drainage Inlet Frame and Grates



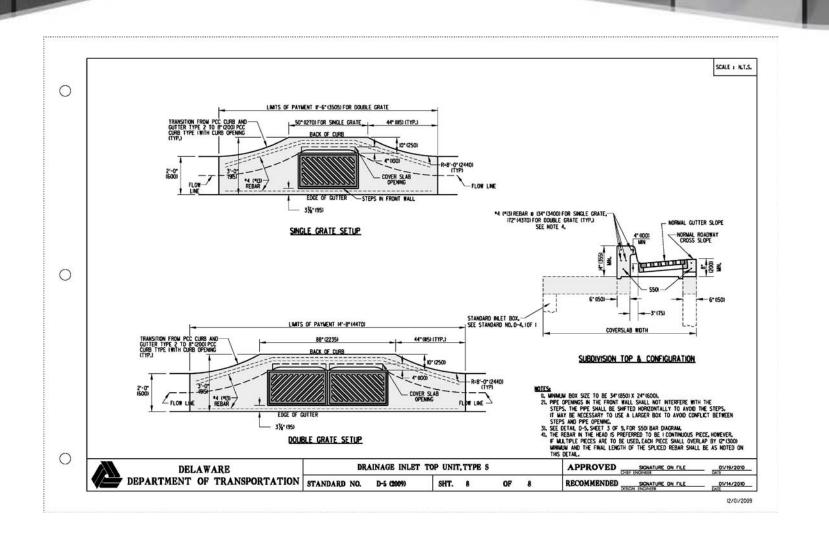
Detail D-5, Sheet 3 of 8 – Drainage Inlet Top Units



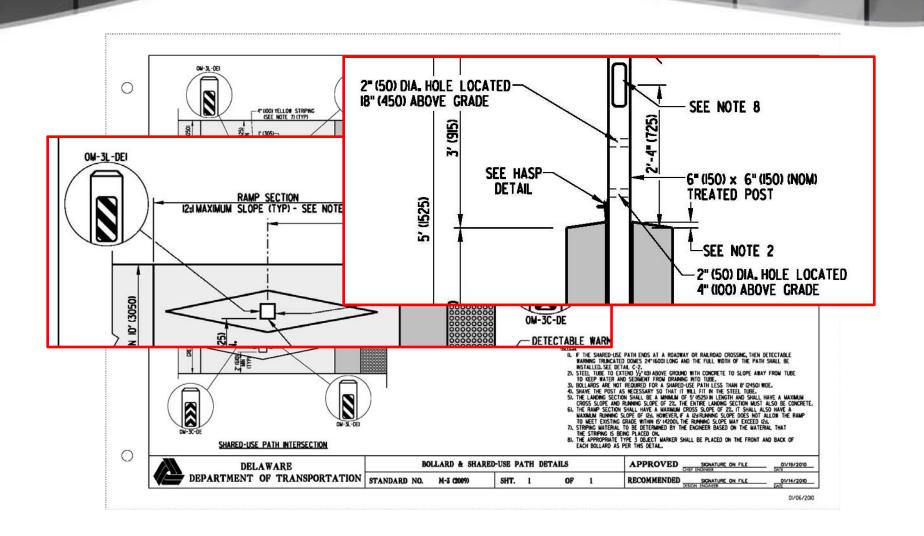
Detail D-5, Sheet 6 of 8 – 34" (865) x 24" (610) Drainage Inlet and Cover Slab Details



Detail D-5, Sheet 8 of 8 – Drainage Inlet Top Unit, Type S



Detail M-3, Sheet 1 of 1 – Bollard & Shared-Use Path Details



Possible changes to the 2010 Standard Detail Revision and other things to expect

- Guardrail sheets Match the new guardrail height guidelines
- Isometric renderings of some of our Curb Ramps to help better understand what we are expecting in the field.
- Erosion Sheets will be reviewed to make sure they match DNREC Guidelines
- Mailbox placement
- Doghouse Inlets
- Valley Gutters
- We will be including the DGN files of the latest Standard Construction Details on the DelDOT website, alongside the PDFs. Previous detail revisions will be available upon request and approval, but will probably not be included on the website at this time.
- Any others?

Any questions or comments?

If you have any questions or comments in the future, please contact me by email:

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Or by telephone:

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