

Publications Transmittal

State of Alaska



Department of Transportation and Public Facilities
 Statewide Design and Engineering Services
 Design and Construction Standards

Transmittal Number 03-02	Effective Date of this Change October 31, 2003	Date Issued October 27, 2003
Distribution To: Standard Drawing Holders		
Publication Title State of Alaska Standard Drawings Manual		
Originating Organization State of Alaska, Department of Transportation and Public Facilities Design and Construction Standards Statewide Design and Engineering Services		

Enclosed are revisions to the State of Alaska DOT/PF Standard Drawings Manual.

Please update your Standard Drawing Manual, including insertion of the new Standard Drawing Index, as indicated.

Remove		Insert	
Drawing Number	Title	Drawing Number	Title
D-04.20 & D-04.20[M]	Pipe and Arch Tables	D-04.21	Pipe and Arch Tables
D-22.00 & D-22.00[M]	Stormdrain Manhole Frame and Grate Details	D-22.01	Stormdrain Manhole Frame and Grate Details
D-23.00 & D-23.00[M]	Curb Inlet Box, Frame and Grate	D-23.01	Curb Inlet Box, Frame and Grate
		D-25.00	High Capacity Curb Inlet Box, Frame and Grate
D-42.01 & D-42.01[M]	Type "C" Inlet Box, 18" Pipe on 4:1 Slope	D-42.10	Type "C" Inlet Box, 18" Pipe on 4:1 Slope
D-43.01 & D-43.01[M]	Type "D" Inlet Box, 18" Pipe on 4:1 Slope	D-43.10	Type "D" Inlet Box, 18" Pipe on 4:1 Slope
D-44.01 & D-44.01[M]	Type "C" Inlet Box, 24" Pipe on 4:1 Slope	D-44.10	Type "C" Inlet Box, 24" Pipe on 4:1 Slope
D-45.01 & D-45.01[M]	Type "D" Inlet Box, 24" Pipe on 4:1 Slope	D-45.10	Type "D" Inlet Box, 24" Pipe on 4:1 Slope
G-03.01 & G-03.01[M]	G3S Box Beam Guardrail	G-03.02	G3S Box Beam Guardrail
G-24.06S & G-24.06S[M]	Steel Post Guardrail Terminal Transition at Bridges		

Remove		Insert	
Drawing Number	Title	Drawing Number	Title
G-24.06W & G-24.06W[M]	Wood Post Guardrail Terminal Transition at Bridges		
G-27.10*	Guardrail Stiffening at Obstacles	G-27.11	Guardrail Stiffening at Obstacles
T-20.01 & T-20.01[M]	Pavement Marking Applications	T-20.02	Pavement Marking Applications
		T-25.00	Milled Rumble Strip

* Note: Users should keep the page G-27.10 is printed on, since G-28.00 is on the back side of the double-side sheet. Cross out, or otherwise note that G-27.10 is void.

Distributed by Statewide Design and Engineering Services	Phone Number (907) 465-6326	Signature  Lars R. Gregovich, P.E.
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STANDARD DRAWING MODIFICATION SUMMARY

New/Edited Drawings Effective October 31, 2003

New Std. Dwg No.	Old Std. Dwg No.	Shts	Title	Comments
DRAINAGE - CULVERTS AND SEWERS				
D-04.21	D-04.20	4 of 4	Pipe and Arch Tables	Corrected and updated the Aluminum and Steel tables (Shts 1 and 2) to reflect the current (1994) Highway Drainage Products Manual. Added Sht 4 for Spiral Rib Pipe - both Steel and Aluminum. No changes to Sht 3. Delete [M] support.
D-22.01	D-22.00	1 of 1	Stormdrain Manhole Frame and Grate Details	Revised notes to allow for high-capacity inlet grates and referred to Std Dwg D-25 for details. Deleted metric std dwg D-22.00[M]
D-23.01	D-23.00	1 of 1	Curb Inlet Box, Frame and Grate	Corrected G3L and G3R detail transposition problem. Deleted "?" mark in drawing title. Deleted metric drawing D-23.00[M]
D-25.00	None	2 of 2	High Capacity Curb Inlet Box, Frame and Grate	New std. dwg. details a high capacity, bike safe frame and grate for a standard curb inlet (page 1 of 2) and for field inlet and gutter inlet (page 2 of 2.) No metric support.
D-42.10	D-42.01	1 of 1	Type "C" Inlet Box, 18" Pipe on 4:1 Slope	Provides a high capacity, non-clogging inlet grate. Metric Std Dwg D-42.30[M] to be deleted
D-43.10	D-43.01	1 of 1	Type "D" Inlet Box, 18" Pipe on 4:1 Slope	Provides a high capacity, non-clogging inlet grate. Metric Std Dwg D-43.30[M] to be deleted
D-44.10	D-44.01	1 of 1	Type "C" Inlet Box, 24" Pipe on 4:1 Slope	Provides a high capacity, non-clogging inlet grate. Metric Std Dwg D-44.30[M] to be deleted
D-45.10	D-45.01	1 of 1	Type "D" Inlet Box, 24" Pipe on 4:1 Slope	Provides a high capacity, non-clogging inlet grate. Metric Std Dwg D-45.30[M] to be deleted

GUARDRAIL, MEDIAN BARRIERS AND CRASH CUSHIONS

G-03.02	G-03.01	1 of 1	G3S Box Beam Guardrail	Fixed problem with guardrail height. Changed to 27". This conforms with the NCHRP 350 crash tested design and the AASHTO Roadside Design Guide. Deleted the optional channel section post as this is not NCHRP 350 TL3 crash tested. The metric equivalent G-03.01[M] will be deleted.
G-27.11	G-27.10	2 of 2	Rubrail Terminal Transition at Obstacles	Adds sheet 2 which incorporates details from G-24.06S and G-24.06W. These two will be deleted when G-27.11 is approved and adopted.

TRAFFIC CONTROL

T-20.02	T-20.01	1 of 1	Pavement Marking Applications	Fixed discrepancy on dimensions (50' vs 60') on RR crossing. The 60 foot dimension will govern. Deleting the metric version T-20.01[M]
T-25.00	None	3 of 3	Milled Rumble Strips	New Milled Rumble Strips drawing. No metric support.