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**Section 100 - Drainage Items**

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EW-1 EW-1A	101.01	Standard Endwall for Pipe Culverts 12" - 36" Circular and 23" X 14" - 53" X 34" Elliptical Pipes							<a href="#">12/08</a>	
EW-1PC EW-1APC	101.02	Precast Endwall for Pipe Culverts 12" - 36" Circular and 23" X 14" - 53" X 34" Elliptical Pipes							<a href="#">12/08</a>	
EW-2 EW-2A	101.03	Standard Endwall for Pipe Culverts 42" - 96" Circular and 60" X 38" - 106" X 68" Elliptical Pipes							<a href="#">12/08</a>	
	101.04	Standard Endwall for Pipe Culverts 42" - 96" Circular Pipes							<a href="#">12/08</a>	
	101.05	Standard Endwall for Pipe Culverts 60" X 38" - 106" X 68" Elliptical Pipes							<a href="#">12/08</a>	
EW-2 PC	101.06	Precast Endwall for Pipe Culverts 42" - 96" Circular Pipe							<a href="#">12/08</a>	
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EW-2S	101.08	Standard Endwalls for Pipe Culverts 42" - 96" Circular Pipes 30 and 45 Degree Skew							<a href="#">12/08</a>	
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EW-2S PC	101.10	Precast Endwall for Pipe Culverts 42" - 96" Circular Pipes with 30 and 45 Degree Skew							<a href="#">12/08</a>	
EW-6	101.11	Standard Endwall for Multiple Pipe Culverts 12" - 36" Circular Pipes							<a href="#">12/08</a>	
EW-6 PC	101.12	Precast Endwall for Multiple Pipe Culverts 12" - 36" Circular Pipes							<a href="#">12/08</a>	
EW-6S	101.13	Standard Endwalls for Multiple Pipe Culverts 12"-36" Circular Pipes with 30 Degree Skew							<a href="#">12/08</a>	
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EW-6S PC	101.15	Precast Endwall for Multiple Pipe Culverts 12" - 36" Circular Pipes 30 Degree Skew								<a href="#">12/08</a>	
	101.16	Precast Endwall for Multiple Pipe Culverts 12" - 36" Circular Pipes 45 Degree Skew								<a href="#">12/08</a>	
EW-7	101.17	Standard Endwalls for Multiple Pipe Culverts 42" - 96" Circular Pipes								<a href="#">12/08</a>	
EW-7 PC	101.18	Precast Endwalls for Multiple Pipe Culverts 42" - 96" Circular Pipes								<a href="#">12/08</a>	
EW-7S	101.19	Standard Endwalls for Multiple Pipe Culverts 42" - 96" Circular Pipe 30 Degree Skew								<a href="#">12/08</a>	
	101.20	Standard Endwalls for Multiple Pipe Culverts 42" - 96" Circular Pipe 45 Degree Skew								<a href="#">12/08</a>	
EW-7S PC	101.21	Precast Endwalls for Multiple Pipe Culverts 42" - 96" Circular Pipes with 45 Degree Skew								<a href="#">12/08</a>	
EW-9	101.22	Standard Endwalls for Pipe Arches 13" - 38" Rise								<a href="#">12/08</a>	
EW-9 PC	101.23	Precast Endwalls for Pipe Arches 13" - 38" Rise								<a href="#">12/08</a>	
EW-10	101.24	Standard Endwalls for Multiple Pipe Arches 13" - 38" Rise								<a href="#">12/08</a>	
EW-10 PC	101.25	Precast Endwalls for Multiple Pipe Arches 13" - 38" Rise								<a href="#">12/08</a>	
EW-11	101.26	Precast Endwall with Load-Carrying Grate for 12" - 60" Circular Pipes								<a href="#">12/08</a>	
	101.27	Pipe Endwall with Load-Carrying Grate for 12" - 60" Circular Pipes								<a href="#">12/08</a>	
	101.28	Pipe Endwall with Load-Carrying Grate for 12" - 60" Circular Pipes								<a href="#">12/08</a>	
EW-11A	101.29	Pipe Endwall with Load-Carrying Grate for 12" - 24" Circular Pipes								<a href="#">12/08</a>	
	101.30	Pipe Endwall with Load-Carrying Grate for 12" - 24" Circular Pipes								<a href="#">12/08</a>	
EW-11A PC	101.31	Precast Pipe Endwall with Load-Carrying Grate for 12" - 24" Circular Pipe								<a href="#">12/08</a>	

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ES-1	102.01	Flared End-Section for Concrete Pipe Culverts (12"-60")								<a href="#">12/08</a>	
ES-1A	102.02	Flared End-Section for 23" x 14" to 53" x 34" Elliptical Concrete Pipe Culverts								<a href="#">12/08</a>	
ES-2	102.03	Flared End-Section for 12" - 60" Corrugated Pipe Culverts								<a href="#">12/08</a>	
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	103.01	Precast Unit Assembly Diagram								<a href="#">12/08</a>	
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T-DI-1	103.03	Standard Precast Top Units								<a href="#">12/08</a>	
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T-DI-3, 4	103.05	Standard Precast Top Units								<a href="#">12/08</a>	
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T-DI-7	103.08	Standard Precast Top Units								<a href="#">12/08</a>	
T-MH-2	103.09	Standard Precast Manhole Top Units								<a href="#">12/08</a>	
R-1, 2, 3	103.10	Standard Precast Reducer and Riser Units								<a href="#">12/08</a>	
B-1, 2	103.11	Standard Precast Base Units								<a href="#">12/08</a>	
B-3	103.12	Standard Precast Base Unit Max Depth (H) 25'								<a href="#">12/08</a>	

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DI-1	104.01	Standard Drop Inlet 12"-24" Pipe: Maximum Depth (H) = 10'								<a href="#">12/08</a>	
DI-1A	104.02	Standard Drop Inlet 12"-24" Pipe: Depth (H) = 10' to 20'								<a href="#">12/08</a>	
DI-2A, 2B, 2C	104.03	Standard Curb Drop Inlet 12"-24" Pipe: Maximum Depth (H) = 9'								<a href="#">12/08</a>	
	104.04	Standard Curb Drop Inlet 12"-24" Pipe: Maximum Depth (H) = 9'								<a href="#">12/08</a>	
DI-2AA, 2BB, 2CC	104.05	Standard Curb Drop Inlet 12"-24" Pipe: Depth (H) = 9' to 20'								<a href="#">12/08</a>	
DI-2D, 2E, 2F	104.06	Standard Curb Drop Inlet 30"-48" Pipe: Maximum Depth (H) = 9'								<a href="#">12/08</a>	
	104.07	Standard Curb Drop Inlet 30"-48" Pipe: Maximum Depth (H) = 9'								<a href="#">12/08</a>	
DI-2DD, 2EE, 2FF	104.08	Standard Curb Drop Inlet 30"-48" Pipe: Depth (H) = 9' to 20'								<a href="#">12/08</a>	
DI-3A, 3B, 3C	104.09	Standard Curb Drop Inlet 12"-30" Pipe: Maximum Depth (H) = 8'	<a href="#">08/10</a>							<a href="#">12/08</a>	
	104.10	Standard Curb Drop Inlet 12"-30" Pipe: Maximum Depth (H) = 8'								<a href="#">12/08</a>	
DI-3AA, 3BB, 3CC	104.11	Standard Curb Drop Inlet 12"-30" Pipe: Depth (H) = 8' to 20'								<a href="#">12/08</a>	
DI-3D, 3E, 3F	104.12	Standard Curb Drop Inlet (with Utility Space) 12" - 30" Pipe: Maximum Depth (H) = 8'								<a href="#">12/08</a>	
	104.13	Standard Curb Drop Inlet (with Utility Space) 12" - 30" Pipe: Maximum Depth (H) = 8'								<a href="#">12/08</a>	
DI-3DD, 3EE, 3FF	104.14	Standard Curb Drop Inlet (with Utility Space) 12" - 30" Pipe: Depth (H) = 8' to 20'								<a href="#">12/08</a>	
DI-4A, 4B, 4C	104.15	Standard Curb Drop Inlet 36"-48" Pipe: Maximum Depth (H) = 8'	<a href="#">10/09</a>							<a href="#">12/08</a>	
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	104.19	Standard Curb Drop Inlet 36" - 48" Pipe: Maximum Depth (H) = 8' (with Utility Space)							<a href="#">12/08</a>	
DI-4DD, 4EE, 4FF	104.20	Standard Curb Drop Inlet (with Utility Space) 36" - 48" Pipe: Depth (H) = 8' to 16'							<a href="#">12/08</a>	
DI-5	104.21	Standard Ditch Drop Inlet							<a href="#">12/08</a>	
DI-7, 7A, 7B	104.22	Standard Median Drop Inlet 12" - 42" Pipe							<a href="#">12/08</a>	
	104.23	Standard Median Drop Inlet 12" - 42" Pipe							<a href="#">12/08</a>	
	104.24	Standard DI-7, 7A, or 7B with Flume Connection 12" to 36" Pipe							<a href="#">12/08</a>	
DI-9	104.25	15" Pipe Tee Section Drop Inlet							<a href="#">12/08</a>	
DI-10G, 10H, 10I	104.26	Concrete Median Barrier Drop Inlet (With MB-7D) 12" to 36" Pipe: Depth (H) = 20' Max.							<a href="#">12/08</a>	
	104.27	Concrete Median Barrier Drop Inlet (With MB-7D) 12" to 36" Pipe: Depth (H) = 20' Max.							<a href="#">12/08</a>	
DI-10J, 10K, 10L	104.28	Concrete Median Barrier Drop Inlet (With MB-8A) 12" to 24" Pipe: Depth (H) = 20' Max.							<a href="#">12/08</a>	
	104.29	Concrete Median Barrier Drop Inlet (With MB-8A) 12" to 24" Pipe: Depth (H) = 20' Max.							<a href="#">12/08</a>	
DI-12, 12A	104.30	Multigrate Drop Inlet for Pipe Sizes 12" - 72"							<a href="#">12/08</a>	
	104.31	Multigrate Drop Inlet for Pipe Sizes 12" - 72"							<a href="#">12/08</a>	
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PI-1	104.37	Method of Outlet Pipe Installation for DI-13								<a href="#">12/08</a>	
DI-14A, 14B, 14C	104.38	Concrete Median Barrier Drop Inlet 12" to 36" Pipe: Depth (H) =20' Max								<a href="#">12/08</a>	
DI-14A, 14B, 14C	104.39	Concrete Median Barrier Drop Inlet 12" to 36" Pipe: Depth (H) =20' Max								<a href="#">12/08</a>	
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	104.41	Concrete Median Barrier Drop Inlet 12" to 24" Pipe: Depth (H) =20' Max.								<a href="#">12/08</a>	
DI-MB	104.42	Construction Method For Concrete Masonry Block Curb Drop Inlet								<a href="#">12/08</a>	
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MH-1	106.01	Manhole for 12" to 48" Pipe Culverts								<a href="#">12/08</a>	
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	106.11	Junction Box Details for Angular Connections of 48" - 72" Pipe Culverts								<a href="#">12/08</a>	
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PB-1	107.00	Installation of Pipe Culverts and Storm Sewers General Notes								<a href="#">12/08</a>	
	107.01	Installation of Pipe Culverts and Storm Sewers Circular Pipe Bedding and Backfill - Method "A"								<a href="#">12/08</a>	
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PC-1	107.05	Concrete Pipe - Height of Cover Table for H-20 Live Load							<a href="#">12/08</a>	
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