

MDSHA BOOK OF STANDARDS
FOR HIGHWAYS, INCIDENTAL STRUCTURES AND TRAFFIC CONTROL APPLICATIONS

<i>Approved Substitutes for MDSHA Standards</i>			
CATEGORY "3" - DRAINAGE			
Company		HANSON CONCRETE PRODUCTS	
Standard Number	Manufacturer's Reference No.	Standard Description	Approval Date
MD 354.01	HMD-EWC-ALT	Type C Endwall Metal or Concrete Round Pipe	01/23/09
MD 355.02	HMD-EWC-HE	Type C Endwall Horizontal Elliptical Concrete Pipe	01/23/09
MD 374.21	# ST-1330-10	WR Inlet	09/09/97
MD 374.22	# ST-1330-15	WRM Inlet	09/09/97
MD 374.23	# ST-1330-20	Single WR Inlet	07/18/97
MD 374.24	# ST-1330-25	NR Inlet	09/09/97
MD 374.25	# ST-1330-30	NRM Inlet	07/18/97
MD 374.26	# ST-1330-35	Triple WR Inlet	07/18/97
MD 374.27	# ST-1330-40	Triple WRM Inlet	09/15/97
MD 374.27-01	# ST-1330-41	Triple WRM Inlet	07/18/97
MD 374.51	# ST-1330-45	Square and Rectangular COG Inlet	09/09/97
MD 374.55	# MH-1328-34-	48" x 30" Inlet Slab Reinforcing Detail	04/25/97
MD 374.55	# MH-1328-36	60" x 30" Inlet Slab Reinforcing Detail	04/25/97
MD 374.55	# MH-1328-37	72" x 30" Inlet Slab Reinforcing Detail	04/25/97
MD 374.55	# MH-1328-38	84" x 30" Inlet Slab Reinforcing Detail	04/25/97
MD 374.55	# MH-1328-39	96" x 30" Inlet Slab Reinforcing Detail	04/25/97
MD 374.55	# MH-1328-3A	108" x 30" Inlet Slab Reinforcing Detail	04/25/97
MD 374.55	# ST-1330-46	Concrete Inlet Slab & Adjustment Collars for COG & COS Inlets	04/25/97
MD 374.61	# ST-1330-50	Square and Rectangular COS Inlets	09/09/97
MD 374.62	# ST-1330-55	Circular COG Inlets 5', 10', 15' & 20'	09/09/97
MD 374.63	# ST-1330-60	Circular COS Inlets 5', 10', 15' & 20'	09/09/97
MD 374.64	# ST-1330-65	Troughs for COG and COS Inlets	09/15/97
MD 374.70	# ST-1330-70	Standard Type S Inlet Double Grate Tandem	07/18/97
MD 374.71	# ST-1330-75	Standard Type S Combination Inlet Double Grate Tandem	09/09/97
MD 374.72	# ST-1330-80	Standard Type HS Combination Inlet	09/09/97
MD 374.73	# ST-1330-85	Standard Type S Inlet Single Grate	07/18/97
MD 374.74	# ST-1330-90	Standard Type E Combination Inlet	07/18/97
MD 374.75	# ST-1330-95	Standard Type H Combination Inlet	07/18/97
MD 378.03	# ST-1329-05	Standard Single or double Opening Type K Inlet Open-End Grate, Non-Traffic	07/18/97

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Standard Number	Manufacturer's Reference No.	Standard Description	Approval Date
MD 378.11	# ST-1329-10	Standard Single or double Opening Type K Inlet Open-End Grate	07/18/97
MD 381.02	# ST-1329-20	Yard Inlet	07/18/97
MD 383.92	# ST-1326-10	Standard Manhole Steps	04/25/97
MD 384.01	# ST-1327-13	48" Manhole Assembly Detail	04/25/97
MD 384.01 MD 384.11	# ST-1327-20	Adjustment Ring	04/25/97
MD 384.01	# ST-1328-24	48" x 24" Manhole Opening Flattop Reinforcing Detail	04/25/97
MD 384.03	# ST-1327-14	60" Manhole Assembly Detail	07/18/97
MD 384.03	# MH-1328-46	60" x 48" Manhole Opening Flattop Reducer Reinforcing Detail	04/25/97
MD 384.05	# ST-1327-15	72" Manhole Assembly Detail	07/18/97
MD 384.05	# MH-1328-47	72" x 48" Manhole Opening Flattop Reducer Reinforcing Detail	09/09/97
MD 384.07	# ST-1327-16	84" Manhole Assembly Detail	07/18/97
MD 384.07	# ST-1328-28	84" x 24" Manhole Opening Flattop Reinforcing Detail	09/09/97
MD 384.07	# MH-1328-48	84" x 48" Manhole Opening Flattop Reducer Reinforcing Detail	09/09/97
MD 384.09	# ST-1327-17	96" Manhole Assembly Detail	07/18/97
MD 384.09	# MH-1328-29	96" x 24" Manhole Opening Flattop Reinforcing Detail	09/09/97
MD 384.09	# MH-1328-49	96" x 48" Manhole Opening Flattop Reducer Reinforcing Detail	04/25/97
MD 384.13	# St-1327-25	Drip Stone Landing	04/25/97
MD 384.15	# ST-1327-26	Combination Flattop Reducer & Drip stone Landing	07/18/97
MD 384.03	# MH-1328-26	60" x 24" Manhole Opening Flattop Reinforcing Detail	04/25/97
MD 384.05	# MH-1328-27	72" x 24 Manhole Opening Flattop Reinforcing Detail	04/25/97
MD 374.31 MD 374.41	# ST-1530-96	Modified Shallow COG/COS Inlet	07/15/02
MD 369.00	HMD-ESHE	Concrete End Section Horizontal Elliptical Pipe	03-03-09

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Standard Number	Manufacturer's Reference No.	Standard Description	Approval Date
MD 368.01 & MD 368.02	HMD-ESR	Concrete End Section Round Pipe	03-03-09
MD 356.01	MD-EWE-	Type E Endwall Round Pipe	04-10-09
MD 357.01	MD-EWE-HE	Type E Endwall Horizontal Elliptical Pipe	04-10-09
MD 386.11	HanMD-J Box	Precast Standard Junction Box	03-25-10
MD 374.68		Precast COG/COS Opening 8 " Curb 5' or 10' Only	03-26-10