

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE	STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE
203.00E	EXCAVATION AND EMBANKMENT - TYPICAL DETAILS	1	08/01/1998	608.00H	PAVED APPROACHES	2	10/01/2009
203.02F	UNDERGRADING - TYPICAL DETAILS	2	01/01/2004	608.10P	CONCRETE SIDEWALK *	1	04/01/2015
203.10D	TABULATED EARTHWORK AND SECTION DATA	1	02/01/2009	608.20E	CONCRETE STAIRS *	2	04/01/2015
203.20F	SUPERELEVATION SPIRALS AND WIDENING (UNDIVIDED HIGHWAY)	5	04/01/2002	608.30A	CONCRETE MEDIAN STRIP *	1	02/01/2011
203.21J	SUPERELEVATION SPIRALS AND WIDENING (DIVIDED HIGHWAY)	5	04/01/2002	608.40	HANDRAILING *	4	04/01/2015
203.35A	MAILBOX TURNOUTS	1	08/01/1981	608.50	CURB RAMPS *	4	04/01/2015
203.40G	TYPICAL DETAILS ON AND OFF RAMPS	2	10/01/2007	609.00P	CONCRETE CURB, CURB AND GUTTER AND GUTTER *	2	08/01/2008
203.41F	TYPICAL DETAILS ON AND OFF RAMPS (ROADWAY WITH 6:1 FORESLOPE)	2	01/01/1995	609.15C	PAVED DITCHES	1	03/01/1993
203.50M	TYPICAL MEDIAN OPENINGS (DIVIDED HIGHWAYS) *	2	07/01/2004	609.40Q	DRAIN BASIN, SHOULDER PAVING AND FILL SLOPES AT BRIDGE ENDS *	3	07/01/2015
203.61A	DRIVEWAY - TYPE I	1	07/01/2004	609.60C	ROCK DITCH LINER	1	03/01/1993
203.62C	DRIVEWAY - TYPE II	2	07/01/2004	609.70C	ROCK LINING FOR CULVERT OUTLET	1	10/01/1981
203.63A	DRIVEWAY - TYPE III	2	01/01/1992	611.60R	CONCRETE SLOPE PROTECTION *	1	07/01/2015
203.64C	DRIVEWAY - TYPE IV	2	07/01/2004	612.20D	SAND FILLED IMPACT ATTENUATORS	1	08/01/2008
203.65A	DRIVEWAY - TYPE V	1	10/01/1998	613.00P	PAVEMENT REPAIR *	3	06/01/2010
204.00D	EMBANKMENT CONTROL - MEASURING DEVICES	1	04/01/1983	614.10T	GRATES AND BEARING PLATES	1	12/01/2005
204.30	PORE PRESSURE MEASUREMENT DEVICES	1	03/01/1996	614.11C	CURVED VANE GRATE AND FRAME *	1	06/01/2010
401.00A	TYPE A2 AND A3 SHOULDERS	2	04/01/2009	614.30E	MANHOLE FRAMES AND COVERS	2	03/01/1996
413.20	SCRUB SEAL BROOM CONFIGURATION	1	07/01/2004	616.10AQ	TEMPORARY TRAFFIC CONTROL DEVICES *	8	08/01/2012
502.05N	CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 15 FT. JOINT SPACING *	4	07/01/2015	617.10H	PERMANENT CONCRETE TRAFFIC BARRIER *	12	08/01/2012
502.10K	DOWEL SUPPORTING UNITS *	2	06/01/2010	617.20D	TEMPORARY CONCRETE TRAFFIC BARRIER *	8	10/01/2015
504.00J	CONCRETE APPROACH PAVEMENT *	3	07/01/2015	619.10H	PAVEMENT EDGE TREATMENT *	1	10/01/2015
602.00D	RIGHT-OF-WAY AND DRAIN MARKERS	2	01/01/2003	620.00J	PAVEMENT MARKING *	5	12/01/2009
604.05D	PIPE CULVERT HEADWALLS - TYPE S	2	08/01/2006	620.10C	TEMPORARY PAVEMENT MARKING *	4	07/01/2011
604.10E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 18" CONCRETE PIPE	1	07/01/2001	620.20	SNOWPLOWABLE RAISED PAVEMENT MARKERS	4	01/01/2003
604.11E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 24" CONCRETE PIPE	1	07/01/2001	625.00	HOLE PATTERN FOR PAVEMENT SLAB STABILIZATION	1	10/01/1998
604.12E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 30" CONCRETE PIPE	1	07/01/2001	626.00H	RUMBLE STRIPS	2	04/01/2009
604.13E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 36" CONCRETE PIPE	1	07/01/2001	702.02F	CAST-IN-PLACE CONCRETE PILES (APPROVED TYPES)	1	07/01/2004
604.14E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 42" CONCRETE PIPE	1	07/01/2001				
604.15E	PIPE CULVERT HEADWALL - ENERGY DISSIPATOR FOR 48" CONCRETE PIPE	1	07/01/2001				
604.29C	DROP INLET - TYPE X	2	04/01/1983				
604.30F	CONCRETE MANHOLES	2	04/01/1983				
604.40F	PIPE COLLARS	2	10/01/2000				
604.70	SLOTTED DRAIN	2	03/01/1994				
605.10I	PAVEMENT UNDERDRAINAGE *	4	06/01/2013				
606.00AV	GUARDRAIL *	8	08/01/2012				
606.01F	MEDIAN PIER PROTECTION *	9	08/01/2012				
606.22T	BRIDGE ANCHOR SECTION - SAFETY BARRIER CURB ON BRIDGE *	5	08/01/2012				
606.23I	BRIDGE ANCHOR SECTION (THREE BEAM RAIL ON BRIDGE) *	5	08/01/2012				
606.30G	GUARDRAIL (TERMINAL ENDS CRASHWORTHY) *	8	11/01/2012				
606.40D	ONE-STRAND ACCESS RESTRAINT CABLE	2	07/01/2004				
606.41J	THREE-STRAND GUARD CABLE *	7	01/01/2005				
607.10V	CHAIN-LINK FENCE	1	02/01/2007				
607.11H	CHAIN-LINK FENCE FOR RETAINING WALLS	1	06/01/2009				
607.20F	WOVEN WIRE FENCE	2	10/01/1998				

* REVISED OR ADDED SINCE OCTOBER 2009

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703.10J	CONCRETE SINGLE BOX CULVERT - STRAIGHT WINGS (SQUARED)	*	3	07/01/2015	901.80D	HIGHWAY LIGHTING - POWER SUPPLY ASSEMBLY - SECONDARY SERVICE	2	04/01/2002	
703.11J	CONCRETE SINGLE BOX CULVERT - FLARED WINGS (SQUARED)	*	3	07/01/2015	901.85A	HIGHWAY LIGHTING SYMBOLS	1	01/01/2003	
703.12J	CONCRETE SINGLE BOX CULVERT - STRAIGHT WINGS (LEFT ADVANCE)	*	3	07/01/2015	902.00N	TRAFFIC SIGNALS - SIGNAL HEAD MOUNTING	*	2	07/01/2015
703.13J	CONCRETE SINGLE BOX CULVERT - FLARED WINGS (LEFT ADVANCE)	*	3	07/01/2015	902.10Q	TRAFFIC SIGNALS - CONTROLLERS CONDUIT LOCATION	1	04/01/2005	
703.14J	CONCRETE SINGLE BOX CULVERT - STRAIGHT WINGS (RIGHT ADVANCE)	*	3	07/01/2015	902.15K	TRAFFIC SIGNALS - POWER SUPPLY ASSEMBLY	3	07/01/2004	
703.15E	CONCRETE SINGLE BOX CULVERT - FLARED WINGS (RIGHT ADVANCE)	*	3	07/01/2015	902.20G	TRAFFIC SIGNALS - CONCRETE PULL BOXES	*	3	11/01/2010
703.16	CONCRETE SINGLE BOX CULVERT - CUT SECTION	*	1	04/01/2011	902.21C	TRAFFIC SIGNALS - TELEPHONE INTERCONNECT	1	03/01/1996	
703.17	CONCRETE SINGLE BOX CULVERT - MEMBER SIZES AND REINFORCEMENT	*	14	04/01/2011	902.30P	TRAFFIC SIGNALS - POST BASES	*	2	02/01/2008
703.37C	CONCRETE BOX CULVERT - EXTERIOR WING REINFORCEMENT	*	2	04/01/2011	902.40Q	TRAFFIC SIGNALS - TUBULAR STEEL POSTS	*	3	02/01/2008
703.38A	CONCRETE BOX CULVERT - CUTTING DETAILS		2	10/01/2009	902.50L	TRAFFIC SIGNALS - INDUCTION LOOP DETECTORS	2	06/01/2009	
703.40H	CONCRETE DOUBLE BOX CULVERT - STRAIGHT WINGS (SQUARED)	*	3	10/01/2011	902.70P	TRAFFIC SIGNALS - RIGID SPAN WIRE DETAILS	2	02/01/2008	
703.41H	CONCRETE DOUBLE BOX CULVERT - FLARED WINGS (SQUARED)	*	3	10/01/2011	902.80K	TRAFFIC SIGNALS - TRAFFIC SIGNAL SYMBOLS	*	1	07/01/2015
703.42H	CONCRETE DOUBLE BOX CULVERT - STRAIGHT WINGS (LEFT ADVANCE)	*	3	10/01/2011	903.01H	SPECIAL SIGNING CHARACTERS	1	07/01/2004	
703.43H	CONCRETE DOUBLE BOX CULVERT - FLARED WINGS (LEFT ADVANCE)	*	3	10/01/2011	903.02AL	HIGHWAY SIGNING STRUCTURAL SIGNS	*	19	02/01/2012
703.44H	CONCRETE DOUBLE BOX CULVERT - STRAIGHT WINGS (RIGHT ADVANCE)	*	3	10/01/2011	903.03BH	SIGN MOUNTING DETAILS	*	11	02/01/2012
703.45C	CONCRETE DOUBLE BOX CULVERT - FLARED WINGS (RIGHT ADVANCE)	*	3	10/01/2011	903.04F	HIGHWAY SIGNING - WEIGH STATION	*	1	02/01/2012
703.46	CONCRETE BOX CULVERT - CUT SECTION	*	1	10/01/2011	903.05H	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE S, ONE TUBE	2	04/01/2005	
703.47	CONCRETE BOX CULVERT - MEMBER SIZES AND REINFORCEMENT	*	27	10/01/2011	903.06H	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE S, TWO TUBE	2	04/01/2005	
703.60E	CONCRETE BOX STRUCTURE - PIPE INLET		1	07/01/2001	903.07H	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE C	2	04/01/2005	
703.80H	CONCRETE TRIPLE BOX CULVERT - STRAIGHT WINGS (SQUARED)	*	3	12/01/2011	903.08G	HIGHWAY SIGNING - TUBULAR SUPPORT STEEL - TYPE B	2	04/01/2005	
703.81H	CONCRETE TRIPLE BOX CULVERT - FLARED WINGS (SQUARED)	*	3	12/01/2011	903.10BB	OVERHEAD SIGN TRUSSES - ALUMINUM	*	6	10/01/2011
703.82H	CONCRETE TRIPLE BOX CULVERT - STRAIGHT WINGS (LEFT ADVANCE)	*	3	12/01/2011	903.12Y	OVERHEAD SIGN TRUSSES - BUTTERFLY AND CANTILEVER STRUCTURAL STEEL	*	7	12/01/2008
703.83H	CONCRETE TRIPLE BOX CULVERT - FLARED WINGS (LEFT ADVANCE)	*	3	12/01/2011	903.60AA	OVERHEAD SIGN TRUSSES - STRUCTURAL STEEL	*	5	10/01/2011
703.84H	CONCRETE TRIPLE BOX CULVERT - STRAIGHT WINGS (RIGHT ADVANCE)	*	3	12/01/2011					
703.85C	CONCRETE TRIPLE BOX CULVERT - FLARED WINGS (RIGHT ADVANCE)	*	3	12/01/2011					
703.86	CONCRETE TRIPLE BOX CULVERT - CUT SECTION	*	1	12/01/2011					
703.87	CONCRETE TRIPLE BOX CULVERT - MEMBER SIZES AND REINFORCEMENT	*	27	12/01/2011					
706.35H	BAR SUPPORTS FOR CONCRETE REINFORCEMENT		1	07/01/2004					
712.40J	STEEL DAMS AT EXPANSION DEVICES		1	07/01/2004					
725.00C	CORRUGATED METAL PIPE INSTALLATION METHODS	*	5	04/01/2011					
725.31C	METAL CURTAIN WALL AND METAL INLETS		1	07/01/2004					
726.30J	RIGID CULVERT INSTALLATION METHODS	*	2	04/01/2015					
730.00E	THERMOPLASTIC PIPE INSTALLATION METHODS	*	1	04/01/2015					
731.00T	PRECAST MANHOLES		2	10/01/1998					
731.10R	PRECAST DROP INLET		8	12/01/2005					
732.00R	FLARED END SECTION	*	3	01/01/2016					
732.05C	BEVELED PIPE END TREATMENT		2	07/01/2004					
732.10H	SAFETY SLOPE END SECTION	*	3	06/01/2013					
806.10J	TEMPORARY EROSION CONTROL MEASURES	*	6	04/01/2015					
808.00	TYPICAL PLANTING ILLUSTRATIONS		3	07/01/2004					
901.00AA	HIGHWAY LIGHTING - POLES, FOUNDATIONS & APPURTENANCES FOR 30' M.H.	*	4	12/01/2013					
901.01AH	HIGHWAY LIGHTING - POLES, FOUNDATIONS & APPURTENANCES FOR 45' M.H.	*	6	12/01/2013					
901.02B	HIGHWAY LIGHTING - CABLE, CONDUIT AND TRENCHING		1	04/01/2002					
901.30F	HIGHWAY LIGHTING - BASE MOUNTED CONTROL STATION		2	04/01/2005					

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