

## MISSOURI HIGHWAYS and TRANSPORTATION COMMISSION

**JEFFERSON CITY, MISSOURI** 

SUPPLEMENTAL PLANS TO JULY 2025 MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION

**EFFECTIVE October 1, 2025** 

## MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION TABLE OF CONTENTS

TANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE	STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTI\ DATE
203.00E	EXCAVATION AND EMBANKMENT – TYPICAL DETAILS	1	08/01/1998	606.50F	MIDWEST GUARDRAIL SYSTEM (MGS)	9	07/01/202
203.02F	UNDERGRADING – TYPICAL DETAILS	2	01/01/2004	606.51	MIDWEST GUARDRAIL SYSTEM (MGS) - MEDIAN PIER PROTECTION	2	04/01/202
203.10D	TABULATED EARTHWORK AND SECTION DATA	1	02/01/2009	606.60C	MIDWEST GUARDRAIL SYSTEM (MGS) - VERTICAL BARRIER TRANSITIONS	6	07/01/20
203.20G	SUPERELEVATION, SPIRALS AND WIDENING (UNDIVIDED HIGHWAY)	4	07/01/2017	606.61	MIDWEST GUARDRAIL SYSTEM (MGS) - 38-INCH TWO-TUBE RAIL TRANSITIONS	3	04/01/20
203.21K	SUPERELEVATION, SPIRALS AND WIDENING (DIVIDED HIGHWAY)	3	07/01/2017	606.70B	MIDWEST GUARDRAIL SYSTEM (MGS) - THRIE BEAM RAIL ON BRIDGE	5	04/01/20
203.22A	SUPERELEVATION, SPIRALS AND WIDENING	2	04/01/2024	606.80C	MIDWEST GUARDRAIL SYSTEM (MGS) - TERMINAL ANCHOR ENDS	7	07/01/20
203.35A	MAILBOX TURNOUTS	1	08/01/1981	606.81B	MASH - CRASHWORTHY END TERMINALS - TYPE A - GRADING LIMITS	1	10/01/20
203.40G	TYPICAL DETAILS ON AND OFF RAMP	2	10/01/2007	607.10W	CHAIN-LINK FENCE	1	04/01/20
203.41F	TYPICAL DETAILS ON AND OFF RAMPS (ROADWAY WITH 6:1 FORESLOPE)	2	01/01/1995	607.11J	CHAIN-LINK FENCE FOR RETAINING WALLS	1	04/01/20
203.50N	TYPICAL MEDIAN OPENINGS (DIVIDED HIGHWAYS)	2	04/01/2016	607.20H	WOVEN WIRE FENCE	2	04/01/20
203.61B	DRIVEWAY – TYPE I	1	07/01/2020	608.00L	PAVED APPROACHES	2	04/01/20
203.62E	DRIVEWAY – TYPE II	2	07/01/2020	608.10P	CONCRETE SIDEWALK	1	04/01/20
03.63C	DRIVEWAY – TYPE III	2	07/01/2020	608.20E	CONCRETE STAIRS	2	04/01/20
203.64E	DRIVEWAY – TYPE IV	2	07/01/2020	608.30A	CONCRETE MEDIAN STRIP	1	10/01/2
03.65B	DRIVEWAY – TYPE V	1	07/01/2020	608.40A	HANDRAILING	4	01/01/2
04.00D	EMBANKMENT CONTROL – MEASURING DEVICES	1	04/01/1983	608.50A	CURB RAMPS	4	01/01/2
04.30	PORE PRESSURE MEASUREMENT DEVICES	1	03/01/1996	609.00R	CONCRETE CURB, CURB AND GUTTER, AND GUTTER	2	01/01/2
01.00C	TYPE A2 AND A3 SHOULDERS, SAFETY EDGE <sup>SM</sup>	3	07/01/2018	609.15D	PAVED DITCHES	1	07/01/2
13.20	SCRUB SEAL BROOM CONFIGURATION	1	07/01/2004	609.40U	DRAIN BASIN, SHOULDER PAVING AND FILL SLOPES AT BRIDGE ENDS	3	10/01/2
02.05S	CONCRETE PAVEMENT AND BASE APPURTENANCES FOR 15 FT. JOINT SPACING	4	04/01/2023	609.60D	ROCK DITCH LINER	1	07/01/2
02.10L	DOWEL SUPPORTING UNITS	2	07/01/2023	609.70C	ROCK LINING FOR CULVERT OUTLET	1	10/01/1
04.00L	CONCRETE APPROACH PAVEMENT	3	10/01/2022	611.60R	CONCRETE SLOPE PROTECTION	1	07/01/2
06.20	BIG BLOCK UNBONDED CONCRETE OVERLAY	1	07/01/2021	612.20F	SAND FILLED IMPACT ATTENUATORS	1	04/01/2
02.00D	RIGHT-OF-WAY AND DRAIN MARKERS	2	01/01/2003	613.00T	PAVEMENT REPAIR	4	01/01/2
04.05D	PIPE CULVERT HEADWALLS – TYPE S	2	08/01/2006	614.10U	GRATES AND BEARING PLATES	1	10/01/2
04.10E	PIPE CULVERT HEADWALLS – ENERGY DISSIPATOR FOR 18" CONCRETE PIPE	1	07/01/2001	614.11D	CURVED VANE GRATE AND FRAME	1	01/01/2
04.11E	PIPE CULVERT HEADWALLS – ENERGY DISSIPATOR FOR 24" CONCRETE PIPE	1	07/01/2001	614.30E	MANHOLE AND FRAME COVERS	2	07/01/1
604.12E	PIPE CULVERT HEADWALLS – ENERGY DISSIPATOR FOR 30" CONCRETE PIPE	1	07/01/2001	616.10BF	TEMPORARY TRAFFIC CONTROL DEVICES	9	07/01/2
04.13E	PIPE CULVERT HEADWALLS – ENERGY DISSIPATOR FOR 36" CONCRETE PIPE	1	07/01/2001	616.20E	TEMPORARY TRAFFIC CONTROL PLANS - TWO-LANE ROADWAYS	5	07/01/2
04.14E	PIPE CULVERT HEADWALLS – ENERGY DISSIPATOR FOR 42" CONCRETE PIPE	1	07/01/2001	617.10N	PERMANENT CONCRETE TRAFFIC BARRIER	11	07/01/2
04.15E	PIPE CULVERT HEADWALLS - ENERGY DISSIPATOR FOR 48" CONCRETE PIPE	1	07/01/2001	617.20F	TEMPORARY CONCRETE TRAFFIC BARRIER	8	01/01/2
04.29C	DROP INLET - TYPE X	2	04/01/2018	619.10J	PAVEMENT EDGE TREATMENT	1	10/01/2
04.30G	CONCRETE MANHOLES	2	02/01/2009	620.00P	PAVEMENT MARKING	* 6	10/01/2
04.40G	PIPE COLLARS	2	07/01/2021	620.10G	TEMPORARY PAVEMENT MARKING	5	07/01/2
604.70	SLOTTED DRAIN	2	03/01/1994	625.00	HOLE PATTERN FOR PAVEMENT SLAB STABILIZATION	1	10/01/1
605.10I	PAVEMENT UNDERDRAINAGE	4	06/01/2013	626.00J	RUMBLE STRIPS	* 2	10/01/2
606.00AY	GUARDRAIL	7	07/01/2025				
06.01F	MEDIAN PIER PROTECTION	9	04/01/2021				
06.22V	BRIDGE ANCHOR SECTION - SAFETY BARRIER CURB ON BRIDGE	6	07/01/2025				
06.23J	BRIDGE ANCHOR SECTION - THRIE BEAM RAIL ON BRIDGE	5	07/01/2016				
606.30L	GUARDRAIL - TERMINAL ANCHOR ENDS	7	04/01/2021				
606.31B	CRASHWORTHY END TERMINALS - TYPE A - GRADING LIMITS	1	10/01/2019				
606.40D	ONE-STRAND ACCESS RESTRAINT CABLE	2	07/01/2004				
606.41N	REPAIR ONLY: LOW-TENSION GUARD CABLE	7	07/01/2025				
06.42	HIGH-TENSION GUARD CABLE	2	07/01/2024				

\* REVISED OR ADDED SINCE JULY 2025

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EFFECTIVE: 10/01/2025

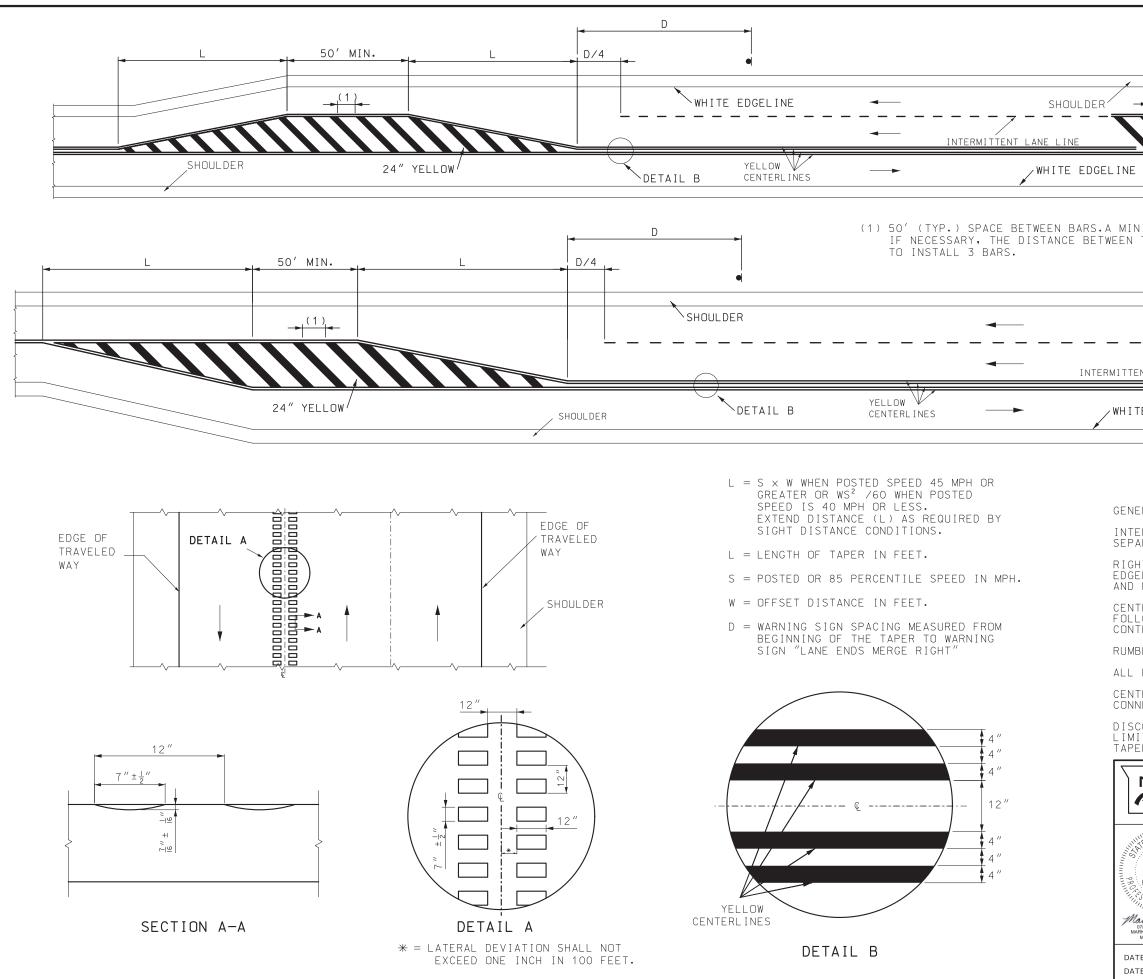
## **MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION** MICOOLIDI OTANDADD DI ANO FOD LUOUNAAV OONOTDU OTION

TANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE	STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIV DATE
703.10J	CONCRETE SINGLE BOX CULVERT – STRAIGHT WINGS (SQUARED)	3	01/01/2021	901.00AB	HIGHWAY LIGHTING – POLES, FOUNDATION & APPURTENANCES FOR 30' Mounting Height	4	01/01/202
703.11J	CONCRETE SINGLE BOX CULVERT – FLARED WINGS (SQUARED)	3	01/01/2021	901.01AJ	HIGHWAY LIGHTING – POLES, FOUNDATION & APPURTENANCES FOR 45' Mounting Height	6	04/01/202
703.12J	CONCRETE SINGLE BOX CULVERT – STRAIGHT WINGS (LEFT ADVANCE)	3	01/01/2021	901.02B	HIGHWAY LIGHTING – CABLE, CONDUIT AND TRENCHING	1	04/01/200
703.13J	CONCRETE SINGLE BOX CULVERT – FLARED WINGS (LEFT ADVANCE)	3	01/01/2021	901.30F	HIGHWAY LIGHTING – BASE MOUNTED CONTROL STATION	2	04/01/200
703.14J	CONCRETE SINGLE BOX CULVERT – STRAIGHT WINGS (RIGHT ADVANCE)	3	01/01/2021	901.80D	HIGHWAY LIGHTING – POWER SUPPLY ASSEMBLY – SECONDARY SERVICE	2	04/01/20
703.15E	CONCRETE SINGLE BOX CULVERT – FLARED WINGS (RIGHT ADVANCE)	3	01/01/2021	901.85B	HIGHWAY LIGHTING SYMBOLS	1	04/01/20
703.16	CONCRETE SINGLE BOX CULVERT – CUT SECTIONS	1	01/01/2021	902.00Q	TRAFFIC SIGNALS	2	07/01/20
703.17A	CONCRETE SINGLE BOX CULVERT – MEMBER SIZES AND REINFORCEMENT	14	07/01/2023	902.05	TRAFFIC SIGNALS – ACCESSIBLE PEDESTRIAN SIGNALS	2	04/01/20
703.37C	CONCRETE BOX CULVERT – EXTERIOR WING REINFORCEMENT	2	04/01/2011	902.10Q	TRAFFIC SIGNALS – CONTROLLERS CONDUIT LOCATION	1	04/01/20
703.38A	CONCRETE BOX CULVERT – CUTTING DETAILS	2	10/01/2009	902.15K	TRAFFIC SIGNALS – POWER SUPPLY ASSEMBLY	3	07/01/20
'03.40H	CONCRETE DOUBLE BOX CULVERT – STRAIGHT WINGS (SQUARED)	3	01/01/2021	902.20G	TRAFFIC SIGNALS – CONCRETE PULL BOXES	3	04/01/20
'03.41H	CONCRETE DOUBLE BOX CULVERT – FLARED WINGS (SQUARED)	3	01/01/2021	902.21C	TRAFFIC SIGNALS – TELEPHONE INTERCONNECT	1	03/01/19
03.42H	CONCRETE DOUBLE BOX CULVERT – STRAIGHT WINGS (LEFT ADVANCE)	3	01/01/2021	902.30P	TRAFFIC SIGNALS – POST BASES	2	04/01/20
'03.43H	CONCRETE DOUBLE BOX CULVERT – FLARED WINGS (LEFT ADVANCE)	3	01/01/2021	902.40R	TRAFFIC SIGNALS – TUBULAR STEEL POSTS	3	04/01/2
'03.44H	CONCRETE DOUBLE BOX CULVERT – STRAIGHT WINGS (RIGHT ADVANCE)	3	01/01/2021	902.50M	TRAFFIC SIGNALS – INDUCTION LOOP DETECTORS	2	04/01/2
03.45C	CONCRETE DOUBLE BOX CULVERT – FLARED WINGS (RIGHT ADVANCE)	3	01/01/2021	902.70Q	TRAFFIC SIGNALS – RIGID SPAN WIRE DETAILS	3	01/01/2
03.46	CONCRETE DOUBLE BOX CULVERT – CUT SECTION	1	01/01/2021	902.80L	TRAFFIC SIGNALS – TRAFFIC SIGNAL SYMBOLS	1	04/01/2
03.47A	CONCRETE DOUBLE BOX CULVERT – MEMBER SIZES AND REINFORCEMENT	27	07/01/2023	903.00	DELINEATORS	5	07/01/2
03.60E	CONCRETE BOX STRUCTURE – PIPE INLET	1	07/01/2001	903.01J	STANDARD ARROW DETAILS	2	10/01/2
03.80H	CONCRETE TRIPLE BOX CULVERT – STRAIGHT WINGS (SQUARED)	3	01/01/2021	903.02AQ	HIGHWAY SIGNING	8	01/01/2
03.81H	CONCRETE TRIPLE BOX CULVERT – FLARED WINGS (SQUARED)	3	01/01/2021	903.03BU	POST INSTALLATION AND SIGN MOUNTING DETAILS *	12	10/01/2
03.82H	CONCRETE TRIPLE BOX CULVERT – STRAIGHT WINGS (LEFT ADVANCE)	3	01/01/2021	903.04F	HIGHWAY SIGNING – WEIGH STATION	1	02/01/2
03.83H	CONCRETE TRIPLE BOX CULVERT – FLARED WINGS (LEFT ADVANCE)	3	01/01/2021	903.05L	HIGHWAY SIGNING – TUBULAR SUPPORT STEEL – TYPE S, ONE TUBE	2	10/01/2
03.84H	CONCRETE TRIPLE BOX CULVERT – STRAIGHT WINGS (RIGHT ADVANCE)	3	01/01/2021	903.06L	HIGHWAY SIGNING – TUBULAR SUPPORT STEEL – TYPE S, TWO TUBE	2	10/01/2
03.85C	CONCRETE TRIPLE BOX CULVERT – FLARED WINGS (RIGHT ADVANCE)	3	01/01/2021	903.07L	HIGHWAY SIGNING – TUBULAR SUPPORT STEEL – TYPE C	2	10/01/2
03.86	CONCRETE TRIPLE BOX CULVERT – CUT SECTIONS	1	01/01/2021	903.08K	HIGHWAY SIGNING – TUBULAR SUPPORT STEEL – TYPE B	2	10/01/2
03.87A	CONCRETE TRIPLE BOX CULVERT – MEMBER SIZES AND REINFORCEMENT	27	07/01/2023	903.10BE	OVERHEAD SIGN TRUSSES – ALUMINUM	6	10/01/2
06.35H	BAR SUPPORTS FOR CONCRETE REINFORCEMENT	1	07/01/2004	903.12AA	OVERHEAD SIGN TRUSSES – BUTTERFLY AND CANTILEVER STRUCTURAL STEEL	7	01/01/2
12.40L	STEEL DAMS AT EXPANSION JOINTS	1	10/01/2019	903.60AC	OVERHEAD SIGN TRUSSES – STRUCTURAL STEEL	5	01/01/2
25.00C	CORRUGATED METAL PIPE INSTALLATION METHODS	5	04/01/2011				
25.31C	METAL CURTAIN WALL AND METAL INLETS	1	07/01/2004				
26.30J	RIGID CULVERT INSTALLATION METHODS	2	04/01/2015				
30.00E	THERMOPLASTIC PIPE INSTALLATION METHODS	1	04/01/2015				
31.00U	PRECAST MANHOLES	2	07/01/2016				
31.10T	PRECAST DROP INLET	8	01/01/2025				
32.00S	FLARED END SECTION	3	07/01/2021				
32.05D	BEVELED PIPE END TREATMENT	2	01/01/2021				
32.10H	SAFETY SLOPE END SECTION	3	01/01/2021				
33.00	PRECAST CONCRETE BOX CULVERT TIES	1	07/01/2021				
05.00A	SEEDING	1	04/01/2024				
06.10K	TEMPORARY EROSION CONTROL MEASURES	6	01/01/2023				
08.00	TYPICAL PLANTING ILLUSTRATIONS	3	07/01/2004				

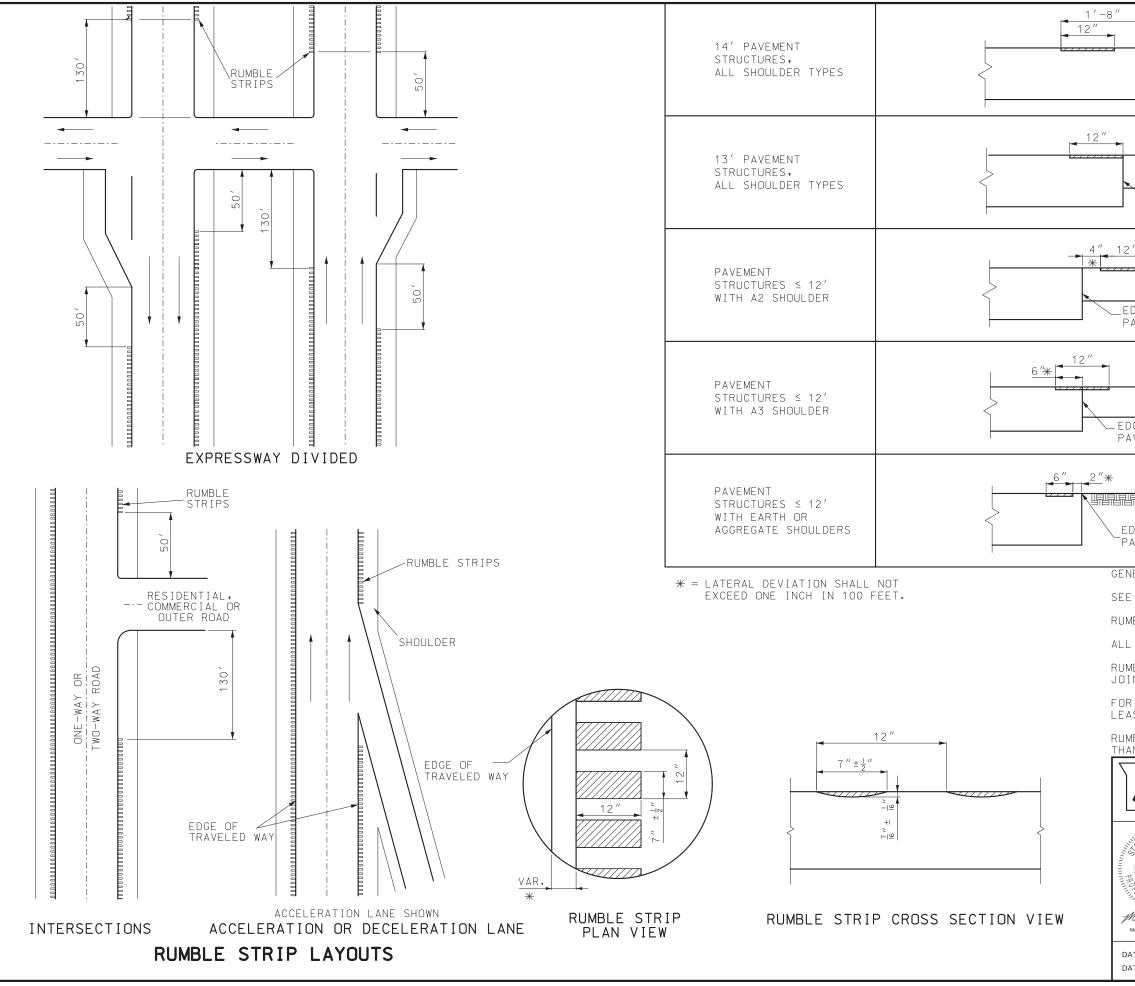
\* REVISED OR ADDED SINCE JULY 2025

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION								
105 WEST CAPITOL JEFFERSON CITY, M0 65102 1-888-ASK-MODOT (1-888-275-6636)								
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