

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

EFFECTIVE: 04-01-2003

✓	NO.	DESCRIPTION
	203.00E	EXCAVATION & EMBANKMENT
	203.02E	UNDERGRADING (2 SHEETS)
	203.10B	TABULATED EARTHWORK AND SECTION DATA
	203.20F	SUPERELEVATION SPIRALS AND WIDENING (UNDIVIDED HIGHWAY) (5 SHEETS) *
	203.21J	SUPERELEVATION SPIRALS AND WIDENING (DIVIDED HIGHWAY) (5 SHEETS) *
	203.35A	MAILBOX TURNOUTS
	203.40F	TYPICAL DETAILS-RAMPS FOR INTERCHANGES (OTHER THAN 6:1 FORESLOPE)
	203.41F	TYPICAL DETAILS-RAMPS FOR INTERCHANGES (6:1 FORESLOPE)
	203.50L	TYPICAL MEDIAN OPENINGS (DIVIDED HIGHWAYS) *
	203.61A	DRIVEWAY TYPE I *
	203.62B	DRIVEWAY TYPE II *
	203.63A	DRIVEWAY TYPE III
	203.64B	DRIVEWAY TYPE IV *
	203.65A	DRIVEWAY TYPE V
	204.00D	EMBANKMENT CONTROL MEASURING DEVICES
	204.30	PORE PRESSURE MEASURING DEVICES
	502.05E	CONCRETE PAVEMENT & BASE APPURTENANCES FOR 15 FT. JOINT SPACING (2 SHEETS) *
	502.10F	DOWEL SUPPORTING UNITS
	504.00E	CONCRETE APPROACH PAVEMENT (2 SHEETS)
	601.00	SPECIAL FIELD LABORATORY
	602.00D	RIGHT-OF-WAY AND DRAIN MARKERS *
	604.05C	PIPE CULVERT HEADWALLS - TYPE S
	604.10E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 18"
	604.11E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 24"
	604.12E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 30"
	604.13E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 36"
	604.14E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 42"
	604.15E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 48"
	604.20B	DROP INLET - TYPE B
	604.21B	DROP INLET - TYPE C
	604.22B	DROP INLET - TYPE D
	604.23B	DROP INLET - TYPE E
	604.24B	DROP INLET - TYPE EE
	604.25C	DROP INLET - TYPE F
	604.26D	DROP INLET - TYPE G
✓	604.27E	DROP INLET - TYPE S (3 SHEETS)
	604.28E	DROP INLET - TYPE T (ALSO INCLUDE 614.30)
	604.29C	DROP INLET - TYPE X
	604.30F	CONCRETE MANHOLES (ALSO INCLUDE 614.30)
	604.40F	PIPE COLLARS
	604.70	SLOTTED DRAIN (2 SHEETS)
	605.10D	PAVEMENT UNDERDRAINAGE (2 SHEETS) *
	606.00AN	GUARDRAIL (10 SHEETS) *
	606.01D	BULLNOSE GUARDRAIL SYSTEM (12 SHEETS) *
	606.22P	BRIDGE ANCHOR SECTION (SAFETY BARRIER CURB ON BRIDGE) (ALSO INCLUDE 606.00) (2 SHEETS)
	606.23F	BRIDGE ANCHOR SECTION (THREE BEAM RAIL ON BRIDGE) * (ALSO INCLUDE 606.00) (2 SHEETS)
	606.40C	ONE-STRAND CABLE - ACCESS RESTRAINT *
	606.41F	THREE-STRAND GUARD CABLE (5 SHEETS) *
	607.10T	CHAIN LINK FENCE
	607.11E	CHAIN LINK FENCE FOR RETAINING WALLS
	607.20F	WOVEN WIRE FENCE (ALSO INCLUDE 607.10)

✓	NO.	DESCRIPTION
	608.00G	PAVED APPROACHES (2 SHEETS) *
	608.10K	CONCRETE SIDEWALK AND CURB RAMPS (2 SHEETS) *
	608.20D	CONCRETE STEPS
	609.00K	CONCRETE CURB - CURB AND GUTTER - GUTTER *
	609.15C	PAVED DITCHES
	609.40K	DRAIN BASIN, SHOULDER PAVING AND FILL SLOPES AT BRIDGE ENDS (2 SHEETS) *
	609.60C	ROCK DITCH LINER
	609.70C	ROCK LINING FOR CULVERT OUTLETS
	610.20E	BRICK MANHOLES (2 SHEETS) (ALSO INCLUDE 614.30)
	611.60N	CONCRETE SLOPE PROTECTION
	612.10N	BARRICADES *
	612.20A	SAND FILLED IMPACT ATTENUATORS
	613.00J	PAVEMENT REPAIR (2 SHEETS) *
	614.10S	CURB INLETS, GRATES AND BEARING PLATES
	614.11A	CURVED VANE GRATE AND FRAME
	614.30E	MANHOLE FRAMES AND COVERS
	615.00A	OFFICE FOR ENGINEER
	616.10AD	TRAFFIC CONTROL DEVICES (5 SHEETS) (ALSO INCLUDE 903.01) *
	617.00AE	CONCRETE TRAFFIC BARRIER - TYPE A & B (2 SHEETS) *
	617.10B	CONCRETE TRAFFIC BARRIER - TYPE C *
	617.20A	CONCRETE TRAFFIC BARRIER - TYPE D *
	617.30	TEMPORARY CONCRETE BARRIER (4 SHEETS) *
	619.10B	PAVEMENT EDGE TREATMENT
	620.00B	PAVEMENT MARKING (2 SHEETS) *
	620.20	SNOWPLOWABLE RAISED PAVEMENT MARKERS (4 SHEETS) *
	625.00	HOLE PATTERN FOR PAVEMENT SLAB STABILIZATION
	626.00A	RUMBLE STRIPS
	702.02E	CAST-IN-PLACE CONCRETE PILES (APPROVED TYPES) *
	703.10E	CONCRETE SINGLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)(3 SHEETS) (ALSO INCLUDE 706.35) *
	703.11E	CONCRETE SINGLE BOX STRUCTURE (FLARED WINGS-SQUARE)(3 SHEETS) (ALSO INCLUDE 706.35) *
	703.12E	CONCRETE SINGLE BOX STRUCTURE (CUT SECTIONS) *
	703.13E	CONCRETE SINGLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)(3 SHEETS) (ALSO INCLUDE 706.35) *
	703.14E	CONCRETE SINGLE BOX STRUCTURE (FLARED WINGS-SKEWED)(3 SHEETS) (ALSO INCLUDE 706.35) *
	703.15C	CONCRETE SINGLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENTS) (13 SHEETS) (ALSO INCLUDE 706.35) *
	703.37B	CONCRETE BOX CULVERTS (EXTERIOR WING REINFORCEMENTS)(2 SHEETS) (ALSO INCLUDE 706.35)
	703.38A	CONCRETE BOX CULVERTS (CUTTING DETAILS)(2 SHEETS)(ALSO INCLUDE 706.35)
	703.40E	CONCRETE DOUBLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.41E	CONCRETE DOUBLE BOX STRUCTURE (FLARED WINGS-SQUARE)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.42E	CONCRETE DOUBLE BOX STRUCTURE (CUT SECTIONS)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.43E	CONCRETE DOUBLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.44E	CONCRETE DOUBLE BOX STRUCTURE (FLARED WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.45B	CONCRETE DOUBLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENT) (13 SHEETS) (ALSO INCLUDE 706.35) *
	703.60E	CONCRETE BOX STRUCTURE - PIPE INLET
	703.80E	CONCRETE TRIPLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.81E	CONCRETE TRIPLE BOX STRUCTURE (FLARED WINGS-SQUARE)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.82E	CONCRETE TRIPLE BOX STRUCTURE (CUT SECTIONS)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.83E	CONCRETE TRIPLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE 706.35) *
	703.84E	CONCRETE TRIPLE BOX STRUCTURE (FLARED WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE 706.35) *

✓	NO.	DESCRIPTION
	703.85B	CONCRETE TRIPLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENT) (13 SHEETS) (ALSO INCLUDE 706.35) *
	706.35G	BAR SUPPORTS FOR CONCRETE REINFORCEMENT
	712.40H	STEEL DAMS AT EXPANSION DEVICES *
	725.00	CORRUGATED METAL PIPE INSTALLATION METHODS
	725.31C	METAL CURTAIN WALL AND METAL INLETS
	726.30E	CULVERT INSTALLATION METHODS (2 SHEETS) *
	730.00A	CORRUGATED POLYETHYLENE PIPE INSTALLATION METHODS *
	731.00T	PRECAST MANHOLES (ALSO INCLUDE 614.30)
✓	731.10P	PRECAST DROP INLETS (4 SHEETS)(ALSO INCLUDE 614.30 AND 614.10) *
	732.00M	FLARED END SECTION (2 SHEETS) *
	732.05C	BEVELED PIPE END TREATMENT (2 SHEETS)
	732.10E	SAFETY SLOPE END SECTION (2 SHEETS) *
	806.02A	STAPLE PLACEMENT FOR PLASTIC NETTING
	806.10D	TEMPORARY EROSION CONTROL MEASURES (7 SHEETS) *
	901.00U	POLES, FOUNDATIONS & APPURTENANCES FOR 30' MOUNTING HEIGHT (2 SHEETS) *
	901.01AA	POLES, FOUNDATIONS & APPURTENANCES FOR 45' MOUNTING HEIGHT (3 SHEETS) *
	901.02B	CABLE, CONDUIT AND TRENCHING*
	901.30E	BASE MOUNTED CONTROL STATION (2 SHEETS) *
	901.80D	POWER SUPPLY ASSEMBLY - SECONDARY SERVICE *
	901.85A	HIGHWAY LIGHTING *
	902.00K	SIGNAL HEADS - LENSES - MOUNTING (2 SHEETS) *
	902.10N	CONTROLLERS, CONDUIT LOCATION *
	902.15J	POWER SUPPLY ASSEMBLY (2 SHEETS) *
	902.20B	PULL BOXES (3 SHEETS) *
	902.21C	TELEPHONE INTERCONNECT *
	902.30N	POST BASES (2 SHEETS) *
	902.40M	TUBULAR STEEL POSTS (3 SHEETS) *
	902.50J	DETECTORS *
	902.70J	SPAN WIRE DETAILS (2 SHEETS) *
	902.80F	TRAFFIC SIGNAL SYMBOLS (2 SHEETS) *
	903.01G	SPECIAL SIGNING CHARACTERS *
	903.02AF	HIGHWAY SIGNING (23 SHEETS) *
	903.03AX	SIGN MOUNTING DETAILS (7 SHEETS) *
	903.04E	WEIGH STATION SIGNING
	903.05G	TUBULAR SUPPORT STEEL - TYPE S, ONE TUBE (SPAN) *
	903.06G	TUBULAR SUPPORT STEEL - TYPE S, TWO TUBE (SPAN) *
	903.07G	TUBULAR SUPPORT STEEL - TYPE C (CANTILEVER) *
	903.08F	TUBULAR SUPPORT STEEL - TYPE B (BUTTERFLY) *
	903.09D	SIGN LIGHTING - LIGHTING SUPPORT BRACKET *
	903.10Y	OVERHEAD SIGN TRUSSES - ALUMINUM (6 SHEETS) (ALSO INCLUDE 903.03) *
	903.12T	OVERHEAD SIGN TRUSSES-BUTTERFLY & CANTILEVER-STRUCTURAL STEEL (5 SHEETS) (ALSO INCLUDE 903.03) *
	903.60Y	OVERHEAD SIGN TRUSSES-STRUCTURAL STEEL (5 SHEETS) (ALSO INCLUDE 903.03) *

NOTES:

PLANS FOR THIS PROJECT WERE DEVELOPED USING DRAWINGS FROM THIS INDEX
 * - REVISED -- SEE DRAWING FOR EFFECTIVE DATE

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WINGHAVEN
AT
BRISTOL

CONSTRUCTION DETAILS

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A-102-03

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