

DESIGN SCENE SUBJECT INDEX

CHAPTER 1:
(Revised 08-06-19)

TITLE SHEET and GENERAL LAYOUT

AREA OF ENVIRONMENTAL SENSITIVITY
BRIDGE & APPROACH PLANS
CONSTRUCTION PLAN FOR...
EXCEPTIONS
EXCEPTION CLARIFICATION
GOVERNING SPECIFICATIONS
INDEX MAP
LEADER LINES
LENGTH BLOCKS
LOCATED ON....
PARTICIPATION PROJECTS
PROJECT CONTACTS FOR BIDDERS
PROJECT NUMBERS
REFERENCE POST LOCATIONS ON CONSTRUCTION PLANS
ROADWAY PROJECT MAPPING APPLICATION (RPMA)
RPMA versus FIELD MARKERS
STATIONING VS. REFERENCE POINTS
STIP AMENDMENTS
TITLE SHEET ACCESS
TITLE SHEET MATERIAL
TITLE SHEET SIGNATURE BLOCK
TRIBAL LANDS
WHEN DO YOU NEED ANOTHER SP

CHAPTER 2:
(Revised 04-30-19)

QUANTITIES and TABULATIONS

2018 SPEC BOOK
2112 SHOULDER PREPARATION
ALTERNATE BID
AS BUILT
BRIDGES & BOX CULVERTS
CITY/COUNTY FUNDS
COMBINATION FIELD LABORATORY OFFICE
CONCRETE MEDIAN BARRIER DESIGN ___ TYPE AA
CULVERT/STORM TREATMENTS
ESTIMATED QUANTITIES FORMAT
FOG SEAL
FUNDING
HAUL SALVAGED MATERIAL
INCIDENTAL AND LUMP SUM ITEMS
LUMP SUM ITEMS
LUMP SUM ON MULTIPLE COLUMN OR TIED PLANS
MAINTENANCE AND RESTORATION OF HAUL ROADS
MOBILIZATION ITEM

CHAPTER 2:
(Revised 04-30-19)

QUANTITIES and TABULATIONS (Continued)

PLAN QUANTITIES (P)
PRORATA ITEMS
STANDARD ABBREVIATIONS FOR PAY ITEMS
TABULATION DEVELOPMENT
WEED SPRAYING
WORK ZONE ITEM CHANGES

CHAPTER 3:
(Revised 04-30-19)

DETAILS and ADA

ADA PLAN REVIEW CHECKLISTS
ADA SAFETY GRATES, CURB BOXES, and HELPER STRUCTURES
ADA PAY ITEMS
APPROACH PANEL STANDARDS – IMPLEMENTATION GUIDELINES
CONCRETE MEDIAN ISLANDS
CURBS
DESIGN STANDARDS CAD DRAWINGS
MOMENT SLAB
RUMBLE STRIP DETAIL (AT STOP SIGN LOCATIONS)
RUMBLE STRIP/STRIPE
SAFETY EDGE
STANDARD PLAN 5-297.219
STANDARD PLATE 3006
SURCHARGE

CHAPTER 4:
(Revised 04-18-19)

EARTHWORK and SOILS & CONSTRUCTION NOTES

2106 EARTHWORK PAY ITEMS
2411 & 2451 STRUCTURE EXCAVATION CLASS
BITUMINOUS REMOVAL
BRIDGE APPROACH TREATMENTS
CHECK EARTHWORK QUANTITIES
CONSTRUCTION NOTES
EXCESS MATERIAL
NRHP-ELIGIBLE HISTORIC ROADSIDE PROPERTIES
PIPE JACKING
PIT DATA
SUBGRADE EXCAVATION

CHAPTER 5:
(Revised 04-18-19)

UTILITIES

GENERAL UTILITY INFORMATION
MnDOT'S 14-STEP UTILITY COORDINATION PROCESS
ABBREVIATED UTILITY COORDINATION PROCESS
DEPICTING UTILITY FACILITIES ON PLANS
UTILITY AGREEMENTS AND PERMITS UNIT
MUNICIPAL UTILITIES
UTILITIES – BUY AMERICA

CHAPTER 5:
(Revised 04-18-19)

UTILITIES (Continued)

TRENCHING FOR UTILITIES
ROUNDBABOUTS AND UTILITY COORDINATION
UTILITIES NEAR FOUNDATIONS

CHAPTER 6:
(Revised 04-18-19)

STAGING and BYPASS

TRAFFIC ON OPPOSING ROADWAY
TEMPORARY CULVERT
TEMPORARY GUARDRAIL

CHAPTER 7:
(Revised 04-30-19)

ALIGNMENT

QUALITY MANAGEMENT

CHAPTER 8:
(Revised 04-18-19)

INPLACE TOPOGRAPHY and REMOVALS

BUILDING REMOVALS
REMOVE BITUMINOUS PAVEMENT
REMOVE BITUMINOUS SHOULDER
REMOVE CONCRETE PAVEMENT
REMOVE PAVEMENT
RIGHT-OF-WAY NOTE

CHAPTER 9:
(Revised 04-18-19)

PLAN and PROFILES

CROSSOVER DRAINAGE
LEGENDS
MEDIAN CROSSOVER/SIGNALIZED
PLAN SHEETS
SPECIAL DITCH GRADES

CHAPTER 10:
(Revised 04-18-19)

PAVING

AGGREGATE
AGGREGATE BEDDING
BITUMINOUS ITEMS IN PLANS
COMPACTION OF BITUMINOUS MIXTURES
CONCRETE JOINT PAY ITEMS
CONCRETE OVERLAYS
CONCRETE PAVEMENT REHABILITATION (CPR)
CONCRETE PAVING PLAN JOINT LAYOUT SHEETS
CONCRETE PAY ITEMS (NOT ALTERNATE BID)
DOWEL BARS
DIAMOND GRINDING
HEADERS
INCLUSION OF 1717 WHEN USING 2399 FOR CONCRETE PAVING
JOINT SEALING REQUIREMENTS
NON WEARING COURSE
OVERLAY TRANSITION TAPERS

CHAPTER 10:
(Revised 04-18-19)

PAVING (Continued)

QUALITY MANAGEMENT
RUMBLES IN CONCRETE
ROADWAY PROFILE FOR CONCRETE OVERLAYS
SUBGRADE PREPARATION

CHAPTER 11:
(Revised 04-18-19)

WALLS

MODULAR BLOCK WALL (DRY CAST)
PREFABRICATED MODULAR BLOCK WALL (WET CAST)
RETAINING WALLS

CHAPTER 12:
(Revised 04-30-19)

DRAINAGE

15" SAFETY APRON
CASTING ASSEMBLY
CHINOOK WINDS AND WINTER SNOWS
CLASSES FOR REINFORCED CONCRETE ARCH PIPE
CULVERT APRONS IN THE CLEAR ZONE
CULVERT WORK
DEWATERING
DRAINAGE FLOW ARROWS
DRAINAGE STRUCTURES ON ALTERNATE BID PLANS
GRATES
HEADWALLS (POLYETHYLENE OPTION)
INPLACE DRAINAGE STRUCTURES
PARALLEL PIPES AND APRONS IN THE MEDIAN
PIPE BEDDING
PIPE GAUGES
PIPE LINING
PLASTIC PIPE OPTION FOR STORM SEWER AND CULVERTS
STANDARD PLATE 3022
STANDARD PLATE 4134
WHAT IS IT?

CHAPTER 13:
(Revised 04-18-19)

TURF ESTABLISHMENT and EROSION CONTROL

CULVERT END ENERGY STABILIZATION
EROSION CONTROL BLANKET PRODUCTS (RECP)
EROSION CONTROL SUPERVISOR
MULCH MATERIAL TYPE 4
NATIVE MIXES
SEDIMENT CONTROL STANDARD PLAN SHEETS
SITE MANAGEMENT PLAN (SMP)
STRAW MULCH MATERIALS
TURBIDITY BARRIER
VEGETATIVE COVER REQUIREMENTS
WORK EXCLUSION DATES TO ALLOW FISH SPAWNING & MIGRATION

CHAPTER 14:
(Revised 08-06-19)

GUARDRAIL and BARRIERS

B8338 GUARDRAIL
REMOVING DESIGN SPECIAL
GUARDRAIL END TREATMENTS
REMOVING GUARDRAIL PLATE BEAM-POSTS ONLY
REMOVING GUARDRAIL PLATE BEAM-RAIL ONLY
REMOVING GUARDRAIL PLATE BEAM-COMPLETE SYSTEM
GUARDRAIL HEIGHTS
“J” RAIL DESIGN SPECIAL
PLATE BEAM GUARDRAIL BEHIND 3-CABLE GUARDRAIL
RUBRAIL
BULLNOSE LENGTH
CABLE GUARDRAIL
HIGH TENSION CABLE GUARDRAIL
SALVAGE AND INSTALL 3-CABLE GUARDRAIL
CONCRETE END POST
GUARDRAIL – POST SEAT
GUARDRAIL ATTACHMENT TO BARRIER
GUARDRAIL REPLACEMENT
IMPACT ATTENUATOR BARRELS
IMPACT ATTENUATORS
PORTABLE PRECAST CONCRETE BARRIER
LONG POST LENGTH
SHORT RADIUS GUARDRAIL
STIFFENED GUARDRAIL
T-BARRIER BRIDGE CONN DES 8318
TYPE 31 VS B8338 GUARDRAIL
TYPE 31 GUARDRAIL
REMOVE APPROACH GUARDRAIL TRANSITION (AGT)
GUARDRAIL END TREATMENTS
CONNECTING TO BARRIERS OTHER THAN SINGLE SLOPE
CONNECTING TO BULLNOSE
CONNECTING TO SHORT RADIUS
TYPE 31 END TREATMENT SHOWN IN PLAN VIEW
TYPE 31 GUARDRAIL WORKING WIDTH

CHAPTER 15:
(Revised 04-18-19)

FENCING

CHAIN LINK FENCE PAY ITEMS
CHAIN LINK FENCE TOP RAIL
FENCE LOCATION
SNOW FENCING

CHAPTER 16:
(Revised 08-06-19)

TRAFFIC

ADVANCED WARNING SIGN SPACING
CENTERLINE MARKINGS
INTERIM PAVEMENT MARKINGS – ITEM 2580

CHAPTER 16:
(Revised 08-06-19)

TRAFFIC (Continued)

INTERIM STRIPING TYPICAL
MULTI COMP VS EPOXY
ONE DIRECTION LARGE ARROW
PAVEMENT MARKING TYPICALS
PAVEMENT MESSAGES
RADIUS CORNERS ON TYPE D SIGNS
RAISED PAVEMENT MARKERS TEMPORARY
REMOVABLE PAVEMENT MESSAGES
RUMBLE STRIPES
SIGN STRUCTURE CHANGES
SIGN PANELS TYPE OVERLAY
SIGNING STANDARD PLAN SHEETS
ALTERNATE PEDESTRIAN ROUTE (APR)
TRAFFIC CONTROL – TABULATIONS
TRAFFIC DETAILS
WET REFLECTIVE MARKINGS

CHAPTER 17:
(Revised 04-18-19)

CROSS SECTION

CROSS SECTION/UTILITIES
EARTHWORK ON CROSS SECTIONS

CHAPTER 18:
(Revised 04-30-19)

GENERAL NOTES and MISCELLANEOUS

ADDENDUM SIGNATURE BLOCK
CHANGING PROJECT SCOPE
CONTRACTORS CROSSING OF RAILROADS
DEFINITION OF INSTALL
DESIGN EXCEPTIONS
DISADVANTAGED BUS ENT & TARGETED GROUP BUS
DRAFTING STANDARDS
GRAMMAR TIPS
HEADS UP
IDIQ PAY ITEMS
INCIDENTAL WORK VS INCLUDED IN WORK
LOCAL FEDERAL AID ON MNDOT LET PROJECTS
LUMP SUM ITEMS
MUNICIPAL AGREEMENTS FOR STATE LET PROJECTS
NON-MnDOT LET PROJECTS
NPDES PERMIT APPLICATION PLAN REDUCTION REPORT (PHASE 1)
PLAN REDUCTION REPORT (PHASE 2)
PLAN SHEET SIGNATURES
PROCESS “A” PLANS
PROPRIETARY ITEMS IN PLANS
ROAD DESIGN PLANS FINAL CHECKLIST
ROADWAY LABELS
STATE AID PROJECT NUMBERS

CHAPTER 18:
(Revised 04-30-19)

GENERAL NOTES and MISCELLANEOUS
SUPPLEMENTAL AGREEMENTS
TRACKING CHANGES IN SPECIAL PROVISIONS