


& AND
 @ AT
 A.A.D.T. ANNUAL AVERAGE DAILY TRAFFIC
 AASHTO AMERICAN ASSOCIATION OF STATE HIGHWAY
 AND TRANSPORTATION OFFICIALS
 AB. ABRUPT
 A.C. ALUMINUM CAP OR ASPHALT CEMENT
 ADD. EXC. ADDITIONAL EXCAVATION
 ADJ. ADJUSTED
 A.D.T. AVERAGE DAILY TRAFFIC
 AGC ASSOCIATED GENERAL CONTRACTORS OF AMERICA
 AGG. AGGREGATE
 AH. AHEAD
 ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
 APP. APPROACH
 APPL. APPLICATION
 APPROX. APPROXIMATE
 ARTBA AMERICAN ROAD AND TRANSPORTATION
 BUILDERS ASSOCIATION
 ASPH. ASPHALT
 ASTM AMERICAN SOCIETY FOR TESTING & MATERIALS
 AVE. AVENUE
 AVG. AVERAGE
 AWS AMERICAN WELDING SOCIETY
 AZ. AZIMUTH
 BAL. BALANCE
 BBL. OR BBLS. BARREL OR BARRELS
 B.C. BRASS CAP
 B.C.R. BEGIN CURB RETURN
 B.E. OR BE BRIDGE END
 BEG. BEGIN
 BIT. BITUMINOUS OR BITUMEN
 BK. BACK OR BANK
 BLDG. BUILDING
 BLK. BLOCK
 B.L.M. OR BLM U.S. BUREAU OF LAND MANAGEMENT
 BLVD. BOULEVARD
 B.M. BENCH MARK
 BNDRY. BOUNDARY
 BOT. BOTTOM
 BR. BRIDGE
 B.R. BASE OF RAIL
 BRG. BEARING
 B.S. OR BS BACKSIGHT
 B.S.T. BITUMINOUS SURFACE TREATMENT
 B.W.FE. BARBED WIRE FENCE
 C CUT
 C/A CONTROL OF ACCESS
 C.A.C. OR CAC CRUSHED AGGREGATE COURSE
 CALC. CALCULATED
 C.A.P. OR CAP CORRUGATED ALUMINUM PIPE
 CATV CABLE TV
 CB. CURB
 C.B. CATCH BASIN
 C.B.W. CONCRETE BLOCK WALL
 C.C. CLOSING CORNER
 CDTN. CONDITION
 CEM. CEMENT
 C&G CURB & GUTTER
 C.G. CATTLE GUARD
 CH. CHANNEL OR CHAIN
 CH.CH. CHANNEL CHANGE
 CHD. CHORD
 CHIS."x" CHISELED CROSS
 C.I. CURB INLET
 CIR. CIRCLE
 CL. CLASS OR CLEARANCE
 CL-4F,5F CHAIN LINK FENCE (W/ HEIGHT - ENGLISH)
 CL-1.2F,1.5F CHAIN LINK FENCE (W/ HEIGHT - METRIC)
 C/L OR CL CENTERLINE
 C.M.P. OR CMP CORRUGATED METAL PIPE
 C.N. CONCRETE NAIL
 CO. COUNTY OR COMPANY
 C.O. CLEAN OUT
 COMP. COMPACTION

CONC. CONCRETE
 COND.(TEL.) CONDUIT (SPECIFY TYPE)
 CONN. CONNECTION
 CONST. CONSTRUCTION
 CONST. PMT. CONSTRUCTION PERMIT
 COR. CORNER
 CORR. CORRECTED OR CORRUGATION
 COV. COVER
 C.P. CATCH POINT
 CR. CRUSHED OR CREEK
 CRS. COURSE
 C.S. OR CS CURVE TO SPIRAL
 C.S.F. OR CSF COMBINATION SCALE FACTOR
 C.S.P. OR CSP CORRUGATED STEEL PIPE
 C.S.P.A OR CSP.A CORRUGATED STEEL PIPE ARCH
 CT. COURT
 C.T.B. OR CTB CEMENT TREATED BASE
 CTR. CENTER
 C.T.S. OR CTS CRUSHED TOP SURFACING
 CULV. CULVERT
 C.Y. CUBIC YARD
 D DEGREE OF CURVATURE, DISTRIBUTION OF
 TRAFFIC, DIAMETER, OR DEPTH
 DBL. DOUBLE
 D_c DEGREE OF CURVATURE (WITH SPIRALS)
 D.D. DOWN DRAIN
 DE DIFFERENCE IN ELEVATION
 DEFL. DEFLECTION
 DESC. DESCRIPTION
 DEST. DESTROYED
 DET. DETOUR OR DETAIL
 DETC. DETECTOR
 D.H. DRILL HOLE
 D.H.V. DESIGN HOURLY VOLUME
 D.I. DROP INLET
 DIA. DIAMETER
 DIST. DISTANCE OR DISTRICT
 DN. DOWN
 DP. DEEP
 DR. DRAIN OR DRIVE
 DT. DITCH
 DTL. DETAIL OR DETAILED
 DWG. DRAWING
 DY. DAYLIGHT
 E EAST OR EXTERNAL DISTANCE
 EASE. OR ESMT. EASEMENT
 E.B. OR EB EASTBOUND
 E.C.R. END CURB RETURN
 E.D.M. OR EDM ELECTRONIC DISTANCE MEASUREMENT
 OR MEASURER
 E.G. EDGE OF GUTTER
 ELEV. OR EL. ELEVATION
 ELONG. ELONGATED
 ELY. EASTERLY
 EMB. EMBANKMENT
 EMUL. EMULSIFIED
 E.O. EDGE OF OIL
 E.P. EDGE OF PAVEMENT
 EQ. EQUATION
 E_s EXTERNAL DISTANCE (WITH SPIRALS)
 E.S. EDGE OF SHOULDER
 E.T.W. OR ETW EDGE OF TRAVELED WAY
 EW. END WALL
 EX. EXISTING
 EXC. EXCAVATION
 EXT. EXTENSION
 EXWY. EXPRESSWAY

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 101	DWG. NO. 101-05
ABBREVIATIONS	
	

F FILL
 F.A. FEDERAL AID
 F.C. FLOOD CONTROL
 FND. FOUND
 FDN. FOUNDATION
 FE. FENCE
 FERT. FERTILIZER
 F.E.T.S. OR FETS FLARED END TERMINAL SECTION
 F.G. OR FG FINISHED GRADE OR FRONT OF GUTTER
 F.G.S. FINISHED GRADE STAKE
 F.H. FIRE HYDRANT
 FHWA FEDERAL HIGHWAY ADMINISTRATION
 FIN. FINISH
 FL. FLUSH
 F.L. OR FL FLOW LINE
 F.O. OR FO FIBER OPTIC CABLE
 F.P. FENCE POST
 FR. OR FR FRONTAGE
 FR. RD. FRONTAGE ROAD
 F.S. OR FS FORESIGHT
 FT. FOOT OR FEET
 FTG. FOOTING
 FUT. FUTURE
 FWY. FREEWAY

g GRAM
 G GRADING
 GA. GAUGE
 GAL. GALLON
 GALV. GALVANIZED
 GAR. GARAGE
 GEOD. GEODETIC
 G.L. GAS LINE
 G.L.O. GENERAL LAND OFFICE
 G.P.S. OR GPS GLOBAL POSITIONING SYSTEM
 GR. GRADE
 G.R. GUARDRAIL
 GRD GRID
 GRND. GROUND
 GR.SEP. GRADE SEPARATION
 G.S. GRAVEL SURFACING
 G.S.P. OR GSP GALVANIZED STEEL PIPE
 GTR. GUTTER
 G.V. GAS VALVE

H CONCRETE CUTOFF WALL DEPTH
 ha HECTARE
 HDWL. HEADWALL
 HG. HEADGATE
 H.I. OR HI HEIGHT OF INSTRUMENT
 HO. HOUSE
 HOR. HORIZONTAL
 H.P. HINGE POINT
 HT. HEIGHT
 H&T HUB & TACK
 H.W. HIGH WATER
 HWY. HIGHWAY

I INTERSTATE
 I.C. INCIDENTAL CONSTRUCTION
 I.D. INSIDE DIAMETER
 I.E. INVERT ELEVATION
 IN. INCH
 INC. INCORPORATED OR INCREMENT
 INCL. INCLUDED
 INSTR. INSTRUMENT
 INT. INTERSECTION
 INTCH. INTERCHANGE
 INV. INVERT
 I.P. IRON PIN
 IRR. IRRIGATION
 I.R.T.S. OR IRTS INTERSECTING ROADWAY TERMINAL SECTION

JCT. JUNCTION
 J.P. JOINT USE POLE

kg KILOGRAM
 km KILOMETER

L LENGTH OF CURVE, LITER OR ANGLE IRON
 LB. POUND
 L_c LENGTH OF CIRCULAR CURVE
 L.C. LONG CHORD
 L.D. LOOP DETECTOR
 LENG. LENGTH OR LENGTHEN
 L.F. LINEAR FOOT
 LN. LANE
 L_s LENGTH OF SPIRAL
 L.S. LAND SURVEYOR
 LT. LEFT

m METER
 m² SQUARE METER
 m³ CUBIC METER
 mm MILLIMETER
 mm² SQUARE MILLIMETER
 MATL. MATERIAL
 MAX. MAXIMUM
 M.C. OR MC MEDIUM CURING
 MDT MONTANA DEPARTMENT OF TRANSPORTATION
 MEAS. MEASURED
 MED. MEDIAN
 MH. MANHOLE
 MIN. MINIMUM, MINERAL OR MINUTE
 MISC. MISCELLANEOUS
 MKR. MARKER
 M.L. MAINLINE
 MNCPL. MUNICIPAL
 M.O. MID ORDINATE
 MON. MONUMENT
 M.P.C. OR MPC MID-POINT OF CURVE
 MUTCD MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
 M.Y. MILE YARD

N NORTH
 N.B. OR NB NORTHBOUND
 N.C. NORMAL CROWN
 N.E. NORTHEAST
 N.G. OR NG NATURAL GAS
 N.G.S. OR NGS NATIONAL GEODETIC SURVEY
 NL. NAIL
 NLY. NORTHERLY
 NO. OR # NUMBER
 N.W. NORTHWEST
 N.W.EL. NORMAL WATER ELEVATION

O. OR O/S OFFSET
 O.C. ON CENTERS OR OVERHEAD CROSSING
 O.D. OUTSIDE DIAMETER
 O.G. OLD GROUND OR ORIGINAL GROUND
 OH. OVERHANG OR OVERHEAD
 OHWM ORDINARY HIGH WATER MARK
 O/PASS OVERPASS

P POWER CABLE, PIPE OR PRIMARY
 P. OR PG. PAGE
 PAVT. PAVEMENT
 P.B. PULL BOX
 P.C. OR PC POINT OF CURVE (BEGINNING)
 P.C.C. OR PCC POINT OF COMPOUND CURVE OR PORTLAND CEMENT CONCRETE
 P.C.S. PROJECT CONTROL SYSTEM
 P.E. OR PE PRELIMINARY ENGINEERING OR PROFESSIONAL ENGINEER

DETAILED DRAWING

REFERENCE DWG. NO.
 STANDARD SPEC. 101-06
 SECTION 101

ABBREVIATIONS

PEN.	PENETRATION	SLOT.DR.	SLOTTED DRAIN
PERF.	PERFORATED	SLP.STK.	SLOPE STAKE
P.I. OR PI	POINT OF INTERSECTION	SLY.	SOUTHERLY
PL.	PLACE, PLATE OR PLANT	S.P.	STAND PIPE OR STATE PLANE
P.L.	PROPERTY LINE	SPEC. PROV.	SPECIAL PROVISION
PLAS.	PLASTIC	S.P.H.P.	STEEL PIPE, HIGH PRESSURE
P.M.	PRINCIPAL MERIDIAN OR PUNCH MARK	SPK.	SPIKE
P.M.B.	PLANT MIX BASE	SQ.	SQUARE
P.M.P.	PERFORATED METAL PIPE	S.S. OR SS	EMULSIFIED ASPHALT
P.M.S. OR PMS	PLANT MIX SURFACING	S.S.P.P.	STRUCTURAL STEEL PLATE PIPE
PMT.	PERMIT	OR SSPP	
P.O.C. OR POC	POINT ON CURVE	S.S.P.P.A.	STRUCTURAL STEEL PLATE PIPE ARCH
P.O.L. OR POL	POINT ON LINE	OR SSPPA	
P.O.S. OR POS	POINT ON SPIRAL	S.S.P.P.A.C.	STRUCTURAL STEEL PLATE PIPE ARCH
P.O.S.T. OR POST	POINT ON SEMI-TANGENT	OR SSPPAC	CULVERT
P.O.T. OR POT	POINT ON TANGENT	S.T. OR ST	SPIRAL TO TANGENT
P.O.V.C. OR POVVC	POINT ON VERTICAL CURVE	ST.	STREET
P.P. OR PP	POWER POLE	STA.	STATION
PP.	PAGES	STD.	STANDARD
PREST.	PRESTRESSED	STD. SPEC.	STANDARD SPECIFICATIONS
PRIM.	PRIMARY	STK.	STAKED OR STAKE
PROC.	PROCESSING	STL.	STEEL
PROJ.	PROJECT OR PROJECTED	STM.	STORM DRAIN
PROT.	PROTECT, PROTECTOR OR PROTECTION	STPD.	STAMPED
P.T. OR PT	POINT OF TANGENT (END OF CURVE)	STR.	STRUCTURE OR STRAIGHT
PT.	POINT	SUBD.	SUBDIVISION
P.T.W. OR PTW	PRESENT TRAVELED WAY	SURF.	SURFACE OR SURFACING
PVC. OR PVC	POLYVINYL CHLORIDE	SURV.	SURVEY
PVT.	PRIVATE	S.W.	SOUTHWEST OR SIDEWALK
PWR. OR PWR	POWER (LINES)	S.Y.	SQUARE YARD
Q	PEAK DISCHARGE (WATER)	†	METRIC TON
QTY.	QUANTITY	T	TOWNSHIP, TANGENT LENGTH, PERCENT TRUCKS, OR THICKNESS
R	RANGE, RADIUS OR RISE	TAN.	TANGENT
R.A.C.E.T.	ROAD APPROACH CULVERT END TREATMENT	T.B.C. OR TBC	TOP BACK OF CURB
OR RACET		T.B.M.	TEMPORARY BENCH MARK
R.A.P. OR RAP	RECYCLED ASPHALT PAVEMENT	TBR.	TIMBER
R _c	SPIRAL CURVE RADIUS	TEL. OR TEL	TELEPHONE
R.C. OR RC	RAPID CURING	TEL.C.	TELEPHONE CABLE
R.C.B. OR RCB	REINFORCED CONCRETE BOX	TELG.	TELEGRAPH
R.C.P. OR RCP	REINFORCED CONCRETE PIPE	TEL.P.	TELEPHONE POLE
R.C.P.A. OR RCPA	REINFORCED CONCRETE PIPE ARCH	TEMP.	TEMPERATURE OR TEMPORARY
RD.	ROAD	THK.	THICKNESS
RDL.	RADIAL	TK.	TACK
RDWY.	ROADWAY	TOL.	TOLERANCE
REC.	RECORD	TOPOG.	TOPOGRAPHIC
REF.	REFERENCE	T.P. OR TP	TURNING POINT
REINF.	REINFORCEMENT	TR.	TRACT
RET.W.	RETAINING WALL	TRANS.	TRANSMISSION LINE OR TRANSITION
RIV.	RIVER	TRAV.	TRAVERSE
R.M.	REFERENCE MONUMENT	TRIA.	TRIANGULATION
R.P. OR RP	REFERENCE POINT, POST OR RADIUS POINT	T.R.M.	TRUFF REINFORCEMENT MAT
R.R.	RAILROAD	T _s	LENGTH OF TANGENT (CURVE WITH SPIRALS)
RT.	RIGHT OR ROUTE	T.S. OR TS	TANGENT TO SPIRAL
RTE.	ROUTE	T.T. OR TT	TRANSMISSION TOWER
R/W	RIGHT OF WAY	TYP.	TYPICAL
RY.	RAILWAY		
S	RATE OF FULL SUPERELEVATION, SLOPE IN FT. PER FT., SPAN, SOUTH OR SECONDARY	U	UNIT
SA.	SATELLITE (FOR TRAVERSE USE)	U.G.	UNDERGROUND
SAN.SEW.	SANITARY SEWER	UNCL.	UNCLASSIFIED
S.B. OR SB	SOUTHBOUND	U ^o PASS	UNDERPASS
S.C. OR SC	SPIRAL TO CURVE OR SLOW CURING	U.S.C. & G.S.	U.S. COAST & GEODETIC SURVEY
SCH.	SCHEDULE	U.S.C.E.	U.S. CORPS OF ENGINEERS
S.C.P. OR SCP	STEEL CASING PIPE	U.S.F.S.	U.S. FOREST SERVICE
SDWK.	SIDEWALK	U.S.G.S.	U.S. GEOLOGICAL SURVEY
S.E.	SOUTHEAST	U.S.P.L.S.	U.S. PUBLIC LAND SURVEY
SEC.	SECTION, SECOND OR SECONDARY		
SEL.	SELECT		
S.G., SG	SUBGRADE		
OR SUBGR.			
SHLD. OR SH.	SHOULDER		
SHT.	SHEET		
SING.	SINGLE		
SIP.	SIPHON		
S.L.D.	SEA LEVEL DATUM		

DETAILED DRAWING

REFERENCE	DWG. NO.
STANDARD SPEC.	101-07
SECTION 101	

ABBREVIATIONS

V	DESIGN SPEED OR VELOCITY
V.A.B.M.	VERTICAL ANGLE BENCH MARK
V.C. OR VC	VERTICAL CURVE
V.C. CORR.	VERTICAL CURVE OFFSET CORRECTION
V.C.M.	VERTICAL CONTROL MONUMENT
V.C.P.	VITRIFIED CLAY PIPE
VEH.	VEHICULAR
VERT. OR VT.	VERTICAL
VIT.	VITRIFIED
V.P.	VENT PIPE
V.P.C. OR VPC	VERTICAL POINT OF CURVE
V.P.I. OR VPI	VERTICAL POINT OF INTERSECTION
V.P.T. OR VPT	VERTICAL POINT OF TANGENCY
W	WEST OR WIDTH
W/	WITH
W.B. OR WB	WESTBOUND
W.C.	WITNESS CORNER
W.L.	WATER LINE
WLY.	WESTERLY
W/O	WITHOUT
W.P.	WING POINT
W.S.	WATER SERVICE OR WARPED OR VARIABLE SLOPE
WT.	WEIGHT
W.T.	WATER TABLE
W.V.	WATER VALVE
W.W.	WING WALL OR WOVEN WIRE
YD	YARD
YD ²	SQUARE YARD
YD ³	CUBIC YARD
XING.	CROSSING
XSEC.	CROSS SECTION

DETAILED DRAWING

REFERENCE	DWG. NO.
STANDARD SPEC.	101-08
SECTION 101	

ABBREVIATIONS

TITLE SHEET

	PRIMARY ROAD **
	PRIMITIVE ROAD
	PROPOSED ROAD
	GRADED ROAD
	BLADED ROAD
	PRIMITIVE ROAD
	GRAVELED ROAD (CADD *)
	PAVED ROAD
	FEDERAL AID ROUTING (ON EXISTING ROAD)
	FEDERAL AID ROUTING (NON-EXISTING ROAD)
	INTERCHANGE
	STRUCTURE
	FREE FERRY
	TOLL FERRY
	HIGHWAY TUNNEL
	PASS
	RAILROAD
	RESERVATION LINE
	STATE & NATIONAL LINE
	COUNTY LINE
	TOWNSHIP & SECTION LINE
	INTERSTATE
	U.S. HIGHWAY
	STATE HIGHWAY (CADD *)
	CITY OR TOWN
	AIR FIELD
	DAM
	BUILDING OR HOUSE
	BRIDGE

** PRIMARY ROADS ARE 0.08" (2.03 mm) WIDE.
ALL OTHERS ARE 0.05" (1.27 mm) WIDE.

PROFILE

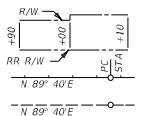
	FLOWLINE AT ϕ → CULVERT
	FLOWLINE AT ϕ → IRRIGATION SIPHON
	FLOWLINE AT ϕ → CONCRETE BOX CULVERT

CROSS SECTIONS

	POWER POLE (NO. OF WIRES AND VOLTAGE)
	TELEPHONE POLE (NO. OF WIRES)
	TELEGRAPH POLE (NO. OF WIRES)
	GUY POLE
	GUY AND ANCHOR
	WETLAND BOUNDARY

PLAN

	STATE & NATIONAL LINE
	COUNTY LINE
	CITY OR TOWN BOUNDARIES
	TOWNSHIP OR SECTION LINE
	CLOSING CORNER
	MEANDER CORNER
	OWNERSHIP TIE
	PROPERTY CORNER
	CALCULATED R/W MONUMENT
	FOUND OR SET MONUMENT
	PROPERTY LINE
	LIMITED ACCESS CONTROL
	FULL ACCESS CONTROL
	EXISTING LIMITED ACCESS CONTROL
	EXISTING FULL ACCESS CONTROL
	EXISTING ACCESS CONTROL (LEGACY PROJECTS ONLY)
	EXISTING RIGHT-OF-WAY
	HIGHWAY RIGHT-OF-WAY
	RAILROAD RIGHT-OF-WAY
	BASE OR SURVEY LINE
	SECTION LINE (SHOWING CORNER SOLID IF FOUND - OPEN IF NOT FOUND)
	RAILROAD
	TRAVELED WAY
	LEVEE OR DIKE (CADD *)
	RETAINING WALL (CADD *)
	PROPOSED RETAINING WALL (CADD *)
	RIPRAP
	GEOTEXTILE PATTERN
	CONCRETE SIDEWALK
	CONCRETE CURB
	EXISTING FENCE
	PROPOSED FENCE
	SNOW FENCE
	PROPOSED SNOW FENCE
	EXISTING GUARDRAIL
	PROPOSED GUARDRAIL
	EXISTING CONCRETE MEDIAN RAIL
	SMALL DRAINAGE
	LARGE DRAINAGE
	RESERVOIR WITH DAM
	LAKE
	MARSH, SWAMP (CADD *)



PLAN

	ORDINARY HIGH WATER MARK
	WETLAND DELINEATION
	EXISTING WETLAND AREA
	DELINEATED WETLAND AREAS
	IMPACTED WETLANDS
	BLUFFS OR CLIFFS
	WATER'S EDGE
	DEPRESSION
	DEPRESSION OBSCURE
	DITCH BLOCK
	EXISTING DITCH OR FLOW LINE
	PROPOSED DITCH
	CULVERT WITH HEADWALL (IN PLACE)
	CULVERT WITHOUT HEADWALL (IN PLACE)
	PROPOSED CULVERT
	DROP OR MEDIAN INLET
	WATER VALVE BOX
	MANHOLE (LABEL AS TO TYPE OR SERVICE)
	FIRE HYDRANT
	WATER WELL (CADD *)
	CATCH BASIN
	CONDUIT & WIRING
	POWER CABLE
	EXISTING UNDERGROUND POWER (CADD *)
	EXISTING OVERHEAD POWER (CADD *)
	TELEPHONE OR TELEGRAPH CABLE
	EXISTING UNDERGROUND TELEPHONE (CADD *)
	EXISTING OVERHEAD TELEPHONE (CADD *)
	WATER LINE
	EXISTING WATER LINE (CADD *)
	STORM SEWER
	EXISTING STORM DRAIN (CADD *)
	PROPOSED STORM DRAIN (CADD *)
	SANITARY SEWER
	EXISTING SANITARY SEWER (CADD *)
	PROPOSED SANITARY SEWER (CADD *)
	NATURAL GAS LINE
	EXISTING NATURAL GAS LINE (CADD *)
	GASOLINE OR OIL LINE
	EXISTING GAS PIPE LINE (CADD *)
	EXISTING OIL PIPE LINE (CADD *)
	EXISTING UNDERGROUND FIBER CABLE (CADD *)
	EXISTING UNDERGROUND TV CABLE (CADD *)
	EXISTING UNDERGROUND MISSILE CABLE (CADD *)

PLAN

	SINGLE POST SIGN
	MULTIPLE POST SIGN
	TELEGRAPH POLE
	TELEPHONE POLE
	TELEPHONE PEDESTAL
	POWER POLE
	POWER PEDESTAL
	TROLLEY POLE
	LIGHT POLE
	GUY POLE
	GUY WIRE & ANCHOR
	TRANSMISSION TOWER
	GAS VALVE
	OIL OR GAS WELL
	TANKS
	TREE OR BUSH
	TREE LINE
	HEDGE LINE
	MAILBOX
	EXISTING APPROACH
	PROPOSED APPROACH
	EXISTING CATTLE GUARD
	PROPOSED CATTLE GUARD
	GRAVEL PIT
	SCALES
	MILE POST
	PROJECT MARKER
	STATION MARKER
	CENTERLINE
	DEFLECTION ANGLE
	DEFLECTION ANGLE (CIRCULAR CURVE WITH SPIRALS)
	DEFLECTION ANGLE OF ONE SPIRAL
	NORTH ARROW
	GATE

* SYMBOLY USED ON CADD DRAFTED PLANS

UNITS SHOWN IN BRACKETS () ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING	
REFERENCE	DWG. NO.
STANDARD SPEC.	101-10
SECTION 101	
SYMBOLS	
MDT MONTANA DEPARTMENT OF TRANSPORTATION	