

&	AND	CONC.	CONCRETE
@	AT	COND. (TEL.)	CONDUIT (SPECIFY TYPE)
A. A. D. T.	ANNUAL AVERAGE DAILY TRAFFIC	CONN.	CONNECTION
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	CONST.	CONSTRUCTION
AB.	ABRUPT	CONST. PMT.	CONSTRUCTION PERMIT
A. C.	ALUMINUM CAP OR ASPHALT CEMENT	COR.	CORNER
ADD. EXC.	ADDITIONAL EXCAVATION	CORR.	CORRECTED OR CORRUGATION
ADJ.	ADJUSTED	COV.	COVER
A. D. T.	AVERAGE DAILY TRAFFIC	C. P.	CATCH POINT
AGC	ASSOCIATED GENERAL CONTRACTORS OF AMERICA	CR.	CRUSHED OR CREEK
AGG.	AGGREGATE	CRS.	COURSE
AH.	AHEAD	C. S. OR CS	CURVE TO SPIRAL
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	C. S. F. OR CSF	COMBINATION SCALE FACTOR
APP.	APPROACH	C. S. P. OR CSP	CORRUGATED STEEL PIPE
APPL.	APPLICATION	C. S. P. A OR CSPA	CORRUGATED STEEL PIPE ARCH
APPROX.	APPROXIMATE	CT.	COURT
ARTBA	AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION	C. T. B. OR CTB	CEMENT TREATED BASE
ASPH.	ASPHALT	CTR.	CENTER
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	C. T. S. OR CTS	CRUSHED TOP SURFACING
AVE.	AVENUE	CULV.	CULVERT
AVG.	AVERAGE	C. Y.	CUBIC YARD
AWS	AMERICAN WELDING SOCIETY	D	DEGREE OF CURVATURE OR DISTRIBUTION OF TRAFFIC
AZ.	AZIMUTH	DBL.	DOUBLE
BAL.	BALANCE	D _e	DEGREE OF CURVATURE (WITH SPIRALS)
BBL. OR BBL.S.	BARREL OR BARRELS	D. D.	DOWN DRAIN
B. C.	BRASS CAP	DE	DIFFERENCE IN ELEVATION
B. C. R.	BEGIN CURB RETURN	DEFL.	DEFLECTION
B. E. OR BE	BRIDGE END	DESC.	DESCRIPTION
BEG.	BEGIN	DEST.	DESTROYED
BIT.	BITUMINOUS OR BITUMEN	DET.	DETOUR OR DETAIL
BK.	BACK OR BANK	DETC.	DETECTOR
BLDG.	BUILDING	D. H.	DRILL HOLE
BLK.	BLOCK	D. H. V.	DESIGN HOURLY VOLUME
B. L. M. OR BLM	U. S. BUREAU OF LAND MANAGEMENT	D. I.	DROP INLET
BLVD.	BOULEVARD	DIA.	DIAMETER
B. M.	BENCH MARK	DIST.	DISTANCE OR DISTRICT
BNDRY.	BOUNDARY	DN.	DOWN
BOT.	BOTTOM	DP.	DEEP
BR.	BRIDGE	DR.	DRAIN OR DRIVE
B. R.	BASE OF RAIL	DT.	DITCH
BRG.	BEARING	DTL.	DETAIL OR DETAILED
B. S. OR BS	BACKSIGHT	DWG.	DRAWING
B. S. T.	BITUMINOUS SURFACE TREATMENT	DY.	DAYLIGHT
B. W. FE.	BARBED WIRE FENCE	E	EAST OR EXTERNAL DISTANCE
C	CUT	EASE. OR ESMT.	EASEMENT
C/A	CONTROL OF ACCESS	E. B. OR EB	EASTBOUND
C. A. C. OR CAC	CRUSHED AGGREGATE COURSE	E. C. R.	END CURB RETURN
CALC.	CALCULATED	E. D. M. OR EDM	ELECTRONIC DISTANCE MEASUREMENT OR MEASURER
C. A. P. OR CAP	CORRUGATED ALUMINUM PIPE	E. G.	EDGE OF GUTTER
CATV	CABLE TV	ELEV. OR EL.	ELEVATION
CB.	CURB	ELONG.	ELONGATED
C. B.	CATCH BASIN	ELY.	EASTERLY
C. B. W.	CONCRETE BLOCK WALL	EMB.	EMBANKMENT
C. C.	CLOSING CORNER	EMUL.	EMULSIFIED
CDTN.	CONDITION	E. O.	EDGE OF OIL
CEM.	CEMENT	E. P.	EDGE OF PAVEMENT
C&G	CURB & GUTTER	EQ.	EQUATION
CH.	CHANNEL OR CHAIN	E _s	EXTERNAL DISTANCE (WITH SPIRALS)
CH. CH.	CHANNEL CHANGE	E. S.	EDGE OF SHOULDER
CHD.	CHORD	E. T. W. OR ETW	EDGE OF TRAVELED WAY
CHIS. "x"	CHISELED CROSS	EW.	END WALL
C. I.	CURB INLET	EX.	EXISTING
CIR.	CIRCLE	EXC.	EXCAVATION
CL.	CLASS OR CLEARANCE	EXT.	EXTENSION
CL-4F, 5F	CHAIN LINK FENCE (W/ HEIGHT - ENGLISH)	EXWY.	EXPRESSWAY
CL-1.2F, 1.5F	CHAIN LINK FENCE (W/ HEIGHT - METRIC)		
C/L OR ⌘	CENTERLINE		
C. M. P. OR CMP	CORRUGATED METAL PIPE		
C. N.	CONCRETE NAIL		
CO.	COUNTY OR COMPANY		
C. O.	CLEAN OUT		
COMP.	COMPACTION		

DETAILED DRAWING

REFERENCE	DWG. NO.
STANDARD SPEC.	101-05
SECTION 101	

ABBREVIATIONS

EFFECTIVE: FEBRUARY 2005



MONTANA DEPARTMENT
OF TRANSPORTATION

F FILL
 F. A. FEDERAL AID
 F. C. FLOOD CONTROL
 FD. 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. GAGE
 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

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
 Lc LENGTH OF CIRCULAR CURVE
 L. C. LONG CHORD
 L. D. LOOP DETECTOR
 LENG. LENGTH OR LENGTHEN
 L. F. LINEAR FOOT
 LN. LANE
 Ls 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
 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 STANDARD SECTION 101	DWG. NO. 101-06
ABBREVIATIONS	
EFFECTIVE: FEBRUARY 2005	
 MONTANA DEPARTMENT OF TRANSPORTATION <i>-serving you with pride</i>	

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 POV C	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 OR PERCENT TRUCKS
R	RANGE, RADIUS OR RISE	TAN.	TANGENT
R. A. C. E. T. OR RACET	ROAD APPROACH CULVERT END TREATMENT	T. B. C. OR TBC	TOP BACK OF CURB
R. A. P. OR RAP	RECYCLED ASPHALT PAVEMENT	T. B. M.	TEMPORARY BENCH MARK
R _c	SPIRAL CURVE RADIUS	TBR.	TIMBER
R. C OR RC	RAPID CURING	TEL. OR TEL	TELEPHONE
R. C. B. OR RCB	REINFORCED CONCRETE BOX	TEL. C.	TELEPHONE CABLE
R. C. P. OR RCP	REINFORCED CONCRETE PIPE	TELG.	TELEGRAPH
R. C. P. A. OR RCPA	REINFORCED CONCRETE PIPE ARCH	TEL. P.	TELEPHONE POLE
RD.	ROAD	TEMP.	TEMPERATURE OR TEMPORARY
RDL.	RADIAL	THK.	THICKNESS
RDWY.	ROADWAY	TK.	TACK
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 _s	LENGTH OF TANGENT (CURVE WITH SPIRALS)
R. R.	RAILROAD	T. S. OR TS	TANGENT TO SPIRAL
RT.	RIGHT OR ROUTE	T. T. OR TT	TRANSMISSION TOWER
RTE.	ROUTE	TYP.	TYPICAL
R/W	RIGHT OF WAY	U	UNIT
RY.	RAILWAY	U. G.	UNDERGROUND
S	RATE OF FULL SUPERELEVATION, SLOPE IN FT. PER FT., SPAN, SOUTH OR SECONDARY	UNCL.	UNCLASSIFIED
SA.	SATELLITE (FOR TRAVERSE USE)	U' PASS	UNDERPASS
SAN. SEW.	SANITARY SEWER	U. S. C. & G. S.	U. S. COAST & GEODETIC SURVEY
S. B. OR SB	SOUTHBOUND	U. S. C. E.	U. S. CORPS OF ENGINEERS
S. C. OR SC	SPIRAL TO CURVE OR SLOW CURING	U. S. F. S.	U. S. FOREST SERVICE
SCH.	SCHEDULE	U. S. G. S.	U. S. GEOLOGICAL SURVEY
SDWK.	SIDEWALK	U. S. P. L. S.	U. S. PUBLIC LAND SURVEY
S. E.	SOUTHEAST	V	DESIGN SPEED OR VELOCITY
SEC.	SECTION, SECOND OR SECONDARY	V. A. B. M.	VERTICAL ANGLE BENCH MARK
SEL.	SELECT		
S. G. , SG OR SUBGR.	SUBGRADE		
SHLD. OR SH.	SHOULDER		
SHT.	SHEET		
SING.	SINGLE		
SIP.	SIPHON		
S. L. D.	SEA LEVEL DATUM		

DETAILED DRAWING

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

EFFECTIVE: FEBRUARY 2005

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
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

EFFECTIVE: FEBRUARY 2005

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 2.03 mm WIDE. ALL OTHERS ARE 1.27 mm WIDE.

PROFILE

	FLOWLINE AT ϕ CULVERT
	FLOWLINE AT ϕ IRRIGATION SYPHON
	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

PLAN

	STATE & NATIONAL LINE
	COUNTY LINE
	CITY OR TOWN BOUNDARIES
	TOWNSHIP LINE
	SECTION LINE (SHOWING CORNER SOLID IF FOUND - OPEN IF NOT FOUND)
	CLOSING CORNER
	MEANDER CORNER
	OWNERSHIP TIE
	PROPERTY CORNER
	EXISTING R/W MONUMENT
	NEW R/W MONUMENT
	PROPERTY LINE
	SECTION LINE
	EXISTING ACCESS
	FULL ACCESS CONTROL
	LIMITED CONTROL
	EXISTING RIGHT-OF-WAY
	HIGHWAY RIGHT-OF-WAY
	RAILROAD RIGHT-OF-WAY
	BASE OR SURVEY LINE
	ϕ OF STAKED LINE WHEN A PROJECTION IS MADE
	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

	BLUFFS OR CLIFFS
	WATER'S EDGE
	DEPRESSION
	DEPRESSION OBSCURE
	DITCH BLOCK
	EXISTING DITCH OR FLOW LINE
	PROPOSED DITCH
	FLOW LINE UP HILL
	CULVERT WITH HEADWALL (IN PLACE)
	CULVERT WITHOUT HEADWALL (IN PLACE)
	PROPOSED CULVERT
	EXISTING DROP OR MEDIAN INLET
	PROPOSED DROP OR MEDIAN INLET
	WATER VALVE BOX
	MANHOLE (LABEL AS TO TYPE OR SERVICE)
	PROPOSED MANHOLE
	FIRE HYDRANT
	WATER WELL WELL (CADD *)
	EXISTING CATCH BASIN
	PROPOSED 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

* SYMBOLOGY USED ON CADD DRAFTED PLANS

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 101	DWG. NO. 101-10
SYMBOLS	
EFFECTIVE: FEBRUARY 2005	
MONTANA DEPARTMENT OF TRANSPORTATION <i>-serving you with pride-</i>	

ALL DIMENSIONS ARE MILLIMETERS (mm) UNLESS OTHERWISE NOTED.