

MDTSURVEY ENG

ROAD/RR FEATURES

2FACE
 APP
BITCURB
BOD
 BOLLARD
BOS
 CHEV
CONC
CURB
 EOG
 EOP
 EOT
 MAIL
 MILEP
 PRKMETER
PTW
PVTPMARK
PVTSYM
 RRCL
 RRCRL
 RRRAIL
 RRSW
SHLD
 SIGNC
 SIGNM
 SIGNS
 STID
SW
TOS

sign – two-face
 approach
bituminous curb
bottom of ditch
 bollard
bottom of slope
 sign – chevron
concrete
top back of curb
 edge of road – gravel
 edge of road – pavement
 edge of road – trail
 mailbox
 mile post
 parking meter
ptw – centerline
pavement markings
pavement-symbol
 RR centerline
 RR crossing light
 RR rail – top
 RR switch
shoulder
 sign-cantilever
 sign – multi-post
 sign – single-post
 sign – street id
sidewalk
top of slope

NATURAL FEATURES

BOB
EDGEWAT
FL
FLU
GB
GRND
 HIWATER
 SHRUB
THALWEG
TOB
TREE
 TREELN
 TREEROW
 VEG
WETLB

bottom of bank
edge of water
flowline – with flow
flowline – against flow
breakline – grade break
ground shot
 high water mark
 shrub
thalweg of waterway
top of bank
 tree
 tree line – boundary
 tree – row
 vegetation boundary
wetland boundary

CONSTRUCTION FEATURES

CP
RP

catch point
 reference point

BARRIER FEATURES

CATGRD
 FENCE
 GATE
 GRRL
 JRRL
 SNOWF

cattleguard
 fence
 gate
 guardrail
 jersey rail
 snow fence

STRUCTURE FEATURES

ABUT
 BLDG
 BRCOR
 LOWBEAM
TANK
 TANKSH
 WALL

concrete abut/retain wall
 building boundary
 bridge boundary
 low beam
 storage tank – round
 storage tank – shape
 wall – free standing

DRAINAGE FEATURES

CULVI
 CULVT
 DTCHBLK
 INLET
 INLETR
 IRR
RIPRAP

end of pipe/culv invert
 top of culvert
 ditch block
 inlet – square top
 inlet – round top
 irrigation feature
riprap boundary

MISC FEATURES

CORE
DATAPT
ISLAND
MISCDL
MISCDP
 MISCL
 MISCP
OBSCURE
 UHS
 XSECT

drill hole
 misc data point
dtm island
misc dtm line
misc dtm point
 misc non-dtm line
 misc non-dtm point
dtm obscure area
 underground hazard site
 cross-section line

UTILITY FEATURES

FH
 FIBERU
 FIBERX
 GAS
GASM
GASV
 GUYWIRE
LIGHT
 MH
 MHELEC
 MHSD
 MHSS
 MHTEL
 MISCAB
 PEDBASE
 PEDXING
 PULLBOX
 PWRPED
 PWRU
 PWRX
 SANSEW
 STRMDR
 TELPED
 TELU
 TELX
TOWER
 TRAF
 TRAFBOX
 TRNSTWR
 TVU
 UT
 VALVE
 WATCS
 WATER
 WATHYD
 WATM
 WATV
 WELL

fire hydrant
 fiber-optic cable – underground
 fiber-optic cable – overhead
 gas line – underground
 gas meter
 gas valve
 guy wire anchor
 light pole
 manhole – misc
 manhole – electrical
 manhole – storm drain
 manhole – sanitary sewer
 manhole – telephone
 missile cable
 pedestal base
 pedestrian crossing
 service pull-box
 power pedestal
 power line – underground
 power line – overhead
 sanitary sewer line
 storm drain line
 telephone pedestal
 telephone line – underground
 telephone line – overhead
 tower feature
 traffic signal
 traffic/signal controller box
 transmission tower
 cable tv – underground
 utility pole
 valve – misc
 water curb stop
 water line – underground
 water hydrant
 water meter
 water valve
 well

SURVEY FEATURES

BM
PM
SM
SURV
TRAV

benchmark
 project marker
 station marker
 survey marker
 traverse marker

NOTE:	Spot Features are in BLUE type DTM Features are in BOLD type	Line Features are in BLACK type
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