

SDMS Features 6-8-2026

N = DO NOT INCLUDE IN DTM

S = INCLUDE SPOT SHOT IN DTM

BLS = INCLUDE BREAKLINE AND SHOT IN DTM

CULVERTS

N=CMCA = CORR METAL CULVERT PIPE ARCH
N=CMCE = CORR METAL CULVERT PIPE ELLIP
N=CMCP = CORR METAL CULVERT PIPE
N=RCCA = REIN CONC CULV PIPE ARCH
N=RCCB = REIN CONC BOX CULVERT
N=RCCE = REIN CONC CULV PIPE ELLIP
N=RCCP = REIN CONC CULV PIPE
N=CULV = CULVERT
N=CSCA = CORR STEEL CULVERT PIPE ARCH
N=CSCE = CORR STEEL CULVERT PIPE ELLIP
BLS=HDWL = CONC HEADWALL
S=FLG = FLOWLINE GROUND
BLS=FL = FLOWLINE (GENERIC)
BLS=FLUM = FLUME
N=INL = INLET/FLOOR DRAIN
BLS=CB = CATCH BASIN
N=PCP = PLASTIC CULVERT PIPE
N=NCF=NO CULVERT FOUND
N=TILE = DRAIN TILE

CONTROL

N=BASE = BASE STATION
N=CHAZ = CHECK AZIMUTH
N=CP = CONTROL POINT (GENERIC)
N=NGS = NGS (STATION/MONUMENT)
N=TP = TURNING POINT/SATELLITE STATION
N=AZMK = AZIMUTH MARK
N=BM = BENCHMARK
N=GPS = GPS MONUMENT
N=IP = IRON PIPE/PIN
N=ECC=ECENTRIC
N=PCC = POINT OF COMPOUND CURVATURE
N=PI = POINT OF INTERSECT
N=PC = POINT OF CURVATURE
N=MON = MONUMENT
N=POT = POINT ON TANGENT
N=PROP = PROPERTY CORNER
N=PSC = POINT OF SPIRAL CURVATURE
N=PST = POINT OF SPIRAL TANGENCY
N=PT = POINT OF TANGENCY
N=POC = POINT ON CURVE
N=USGS = USGS MONUMENT
N=WIT = WITNESS CORNER MONUMENT

BRIDGE

N=ABUT = BRIDGE ABUTMENT
N=COL = COLUMN OF STRUCTURE
N=LS=LOWSTEEL
N=HL1, 2, 3,4,5,6,7,8 = HYDRAULIC LINE
N=HW=HIGHWATER

N=FTG = FOOTING (GENERIC)

BLS=WWAL = WINGWALL

N=BORE = SOIL BORING

BLS=PIER = PIER (BRIDGE/STRUCTURE)

N=PILE = PILING (CONCRETE/STEEL/TIMBER)

BLS=EW = EDGE OF WATER

BLS=RIP = RIPRAP

N=STRU = STRUCTURE OUTLINE BRIDGE

N=WE = WATER ELEVATION

N=RAIL = RAILING

N=CBS = CONTROL BOLT SPLICE

UTILITIES

S=GSGN = UG GAS WARNING SIGN

N=GV = GAS VALVE

N=GVT = GAS VENT

N=VENT=VENT (GENERIC)

S=GW = GUY WIRE

N=BPOL = BRACE POLE

S=GPOL = GUY POLE

N=GMTR = GAS METER

S=CPED = CABLE TV PEDESTAL (LINE)

N=COM = FIBER COMMUNICATION (LINE)

N=GAS = GAS LINE (UG)

S=PPED = POWER PEDESTAL

S=PPLM = POWER POLE WITH LIGHT MAST ARM

S=PPOL = POWER POLE

N=CDU = CONDUIT

S=ANC = ANCHOR (POLE/POST)

S=PED = PEDESTAL (GENERIC)

N=ELEC = UNDERGROUND ELECTRIC

N=EMH = ELECTRIC MANHOLE

N=EMTR = ELECTRIC METER

S=EPED = ELECTRIC PEDESTAL

N=PBX = PULLBOX

N=OVT = OVERHEAD TELEPHONE

N=OVP = OVERHEAD POWER

N=MTR = METER (GENERIC)

N=GMH = GAS MANHOLE

N=MH = MANHOLE (GENERIC)

(CAST/DRIVEN/REBAR/CAP/PK)

S=LPOL = LIGHT POLE

S=LITE = YARD LITE (PRIVATE/DECORATIVE)

N=LB = LIGHT BASE

N=WMH = WATER MANHOLE

N=WMTR = WATER METER

N=WSO = WATER SHUT OFF

N=WT = WATER TOWER

N=WV = WATER VALVE

N=SAMH = SANITARY MANHOLE

N=SAN = SANITARY SEWER LINE

N=PIPL = PIPELINE (GENERIC)

N=SSMH = STORM SEWER MANHOLE

N=SMH = SEWER MANHOLE
S=SPOL = SERVICE POLE
N=SEP = SEPTIC SYSTEM (GENERIC)
N=TBO = TELEPHONE (BOOTH/WALL MOUNTED)
N=TMH = TELEPHONE MANHOLE
S=TPED = TELEPHONE PEDESTAL
S=TPOL = TELEPHONE POLE
S=TSGN = TEL WARNING SIGN (UG)
N=TVMH = TELEVISION MANHOLE
S=TVPD = TELEVISION PEDESTAL
S=UPOL = UTILITY POLE (GENERIC)
N=VLV = VALVE UNKNOWN (GENERIC)
N=HYD = FIRE HYDRANT
N=WAT = WATER LINE

TREES

N=HEDG = HEDGE
N=CTRE = SINGLE CONIFEROUS TREE
N=PCTR= PAY SINGLE CONIFEROUS TREE
N=PDTR= PAY SINGLE DECIDUOUS TREE
N=BRUL = BRUSHLINE
N=DTRE = SINGLE DECIDUOUS TREE
N=PSTP= PAY STUMP
N=BUSH = DECIDUOUS BUSH
N=SHRL = CONIFEROUS SHRUB LINE
N=SHRB = CONIFEROUS SHRUB
N=STMP = STUMP
N=TREE = SINGLE DECIDUOUS TREE
N=TREL = TREE LINE

ROAD

BLS=EB = EDGE OF BITUMINOUS
BLS=EB1=EDGE OF BITUMINOUS
BLS=EB2=EDGE OF BITUMINOUS
BLS=EB3=EDGE OF BITUMINOUS
BLS=EB4=EDGE OF BITUMINOUS
BLS=EBA=EDGE OF BITUMINOUS
BLS=EBB=EDGE OF BITUMINOUS
BLS=EBC=EDGE OF BITUMINOUS
BLS=EBD=EDGE OF BITUMINOUS
BLS=EBR=EDGE OF BITUMINOUS ROAD
BLS=EBR1=EDGE OF BITUMINOUS ROAD
BLS=EBRA=EDGE OF BITUMINOUS ROAD
BLS=EBS = EDGE OF BITUMINOUS SHOULDER
BLS=EBS1=EDGE OF BITUMINOUS SHOULDER
BLS=EBSA=EDGE OF BITUMINOUS SHOULDER
BLS=EC = EDGE OF CONCRETE
BLS=EC1=EDGE OF CONCRETE
BLS=EC2=EDGE OF CONCRETE
BLS=EC3=EDGE OF CONCRETE
BLS=EC4=EDGE OF CONCRETE
BLS=ECA=EDGE OF CONCRETE
BLS=ECB=EDGE OF CONCRETE
BLS=ECR=EDGE OF CONCRETE ROAD
BLS=ECR1=EDGE OF CONCRETE ROAD
BLS=ECRA=EDGE OF CONCRETE ROAD
BLS=ECS = EDGE OF CONCRETE SHOULDER
BLS=ECS1=EDGE OF CONCRETE SHOULDER

BLS=ECSA=EDGE OF CONCRETE SHOULDER
BLS=EG = EDGE OF GRAVEL
BLS=FE = FIELD ENTRANCE
BLS=FE1 = FIELD ENTRANCE
BLS=FEA = FIELD ENTRANCE
BLS=CL = EXISTING CENTERLINE
BLS=CL1 = EXISTING CENTERLINE
BLS=CLA = EXISTING CENTERLINE
BLS=JNT=PAVEMENT JOINT
BLS=GUT = GUTTER FLOW LINE
BLS=GUT1=GUTTER FLOW LINE
BLS=GUTA=GUTTER FLOW LINE
BLS=CATL = CATTLE PASS
N=CBAR = CONCRETE BARRIER
BLS=TC = TOP OF CURB(BACK)
BLS=TC1=TOP OF CURB (BACK)
BLS=TCA=TOP OF CURB (BACK)

DTM

BLS=BL = BREAKLINE
BLS=BL1=BREAKLINE
BLS=BL2=BREAKLINE
BLS=BL3=BREAKLINE
BLS=BL4=BREAKLINE
BLS=BL5=BREAKLINE
BLS=BL6=BREAKLINE
BLS=BL7=BREAKLINE
BLS=BLA=BREAKLINE
BLS=BLB=BREAKLINE
BLS=BLC=BREAKLINE
BLS=BLD=BREAKLINE
BLS=BLE=BREAKLINE
BLS=BLF=BREAKLINE
BLS=BLG=BREAKLINE
S=XYZ = RANDOM POINT (X, Y, Z)
BLS=BERM = BERM
BLS=DAM = DAM/LEVEE/DIKE/WEIR
BLS=OG = OLD GROUND

PIVOTS

N=IRRT= PIVOT IRRIGATION WHEEL TRACK
N=IRRW= PIVOT IRRIGATION WELL
N=IRR = CENTER IRRIGATION PIVOT
N=IRRG= PIVOT IRRIGATION END OF GUN

GUARD RAIL

N=GR = GUARD RAIL
N=GR1 = GUARD RAIL
N=GRA = GUARD RAIL
N=GRCA = GUARD RAIL - CABLE
N=GRCAA = GUARD RAIL - CABLE
N=GRCA1 = GUARD RAIL - CABLE
S=GRPA = PLATE BEAM GUARD RAIL LINE
N=TGR = TOP GUARD RAIL

FENCE

S=FBW = BARBED WIRE FENCE
S=FCL = CHAIN LINK FENCE
S=FEN = FENCE (GENERIC)
S=FWOD = WOOD FENCE

S=GATE = GATE
S=WFEN = WOODFENCE

SIGN & TRAFFIC

BLS=BARR = BARRICADE
S=BSGN = BILLBOARD (LARGE SIGN)
N=MP = MARKER POST (GENERIC)
N=SFTG = SIGN FOOTING
S=SGN = SINGLE POLE SIGN
N=CBX = TRAFFIC SIGNAL CONTROL BOX
S=SIGN = ADVERTISING SIGN POST
N=TFS = TRAFFIC SIGNAL
N=TFSB = TRAFFIC SIGNAL BOX
N=TFSM = TRAFFIC SIGNAL MAST ARM
S=RP = REFERENCE POST
N=FWS = FLASHING WARNING SIGN

RAIL ROAD

N=RR = TOP RAILROAD TRACKS
N=RRS = RR SIGNAL FLASHER
N=RRSB = RAILROAD SIGNAL BOX
N=RRSW = RAILROAD SWITCH
N=TR=TOP RAIL ROAD TRACK

ROW

S=ROW = ROW MARKER POST
N=EASE = EASEMENT
N=QTR = ¼ SECTION CORNER
N=CTRS = CENTER OF SECTION
N=SIXT = 1/16 CORNER MONUMENT
N=SEC = SECTION CORNER MONUMENT
N=PL = PROPERTY LINE
N=LOT = LOT CORNER

GAS STATION

N=FILL = FILLER PIPE
N=GP = GAS PUMPS
BLS=GPI = GAS PUMP ISLAND
N=TANK = TANK (FUEL OR FERTILIZER)

FARM & HOUSE & URBAN

S=ANT = ANTENNA
N=AWN = AWNING (AT GROUND)
BLS=BARN = BARN
BLS=BIKE = BIKE (TRAIL/WAY/LANE/ROUTE)
BLS=BLDG = BUILDING (ROOFLINE AT GROUND)
N=CEM = CEMETERY
BLS=CRIB = CORN CRIB
BLS=CROP=CROP LINE
N=MB = MAILBOX
S=MRSH=MARSH LAND
BLS=NWAL = NOISE BARRIER WALL
BLS=PIT = PIT (GRAVEL/SAND)
N=PLNT = PLANTER
N=PMTR = PARKING METER
S=POLE = POLE (GENERIC)

N=POOL = POOL
N=PORC = PORCH
S=POST = POST (GENERIC)
N=PUMP = PUMP (HAND/WATER WELL)
N=RAMP = RAMP (WHEELCHAIR/LOADING)
BLS=RWAL = RETAINING WALL
BLS=SCAL = SCALE (WEIGH)
N=SDSH = SATELLITE DISH
BLS=SHED = SHED
BLS=SILO = SILO
S=SPRK = SPRINKLER HEAD
BLS=STEP = STEPS
BLS=STEP1=STEPS
BLS=STEP2=STEPS
BLS=STEP3=STEPS
BLS=STEP4=STEPS
BLS=STEPA=STEPS
BLS=STEPB=STEPS
BLS=STEPD=STEPS
N=STON = STONE ORNAMENTAL
BLS=SW = SIDEWALK
BLS=SW1=SIDEWALK
BLS=SW2=SIDEWALK
BLS=SW3=SIDEWALK
BLS=SW4=SIDEWALK
BLS=SWA=SIDEWALK
BLS=SWB=SIDEWALK
BLS=SWC=SIDEWALK
BLS=SWD=SIDEWALK
N=TOWR = TOWER
N=WELL = WELL
N=WM = WINDMILL
BLS=H = HOUSE
N=PRKB = PARK BENCH
N=ADA = ADA RAMP PAD

CONSTRUCTION

05CT=1 ½ CONDUIT IN TRENCH
05CU=1 ½" CONDUIT UNDER REOADWAY
SIXT=1/16 CORNER
QTR=¼ SECTION CORNER
10C=10" CONCRETE PAVEMENT 47B-3500
C10H=10" CONCRETE PAVEMENT 47B-HE
10D=10" DOWELED CONCRETE PAVEMENT 47B-3500
D10H=10" DOWELED CONCRETE PAVEMENT 47B-HE
10SF=10" SURFACING
10TS=10" TEMPORAY SURFACING
11C=11" CONCRETE PAVEMENT 47B-3500
11DC=11" DOWELED CONCRETE PAVEMENT 47B-3500
11ID=11" IMPRINTED DOWELED CONCRETE PAVEMENT 47B—3500
12C=12" CONCRETE PAVEMENT 47B-3500
C12H=12" CONCRETE PAVEMENT 47B-HE

12D=12" DOWELED CONCRETE PAVEMENT 47B-3500
D12H=12" DOWELED CONCRETE PAVEMENT 47B-HE
12WP=12" WHITE POLYUREA
12WT=12" WHITE THERMOPLASTIC
12YP=12" YELLOW POLYUREA
12YT=12" YELLOW THERMOPLASTIC
2CT=2" CONDUIT IN TRENCH
22CB=2-2CONDUIT BORED
22C=2-2CONDUIT TRENCH
4CON=4" CONDUIT ON STRUCTURE
UD4N=4" NONPERFORMED PIPE UNDERDRAIN
UD4P=4" PERFORMED PIPE UNDERDRAIN
5BPU=5" BLACK POLYUREA
DR5H=5" CONCRETE 47B-HE DRIVEWAY
DR5C=5" CONCRETE 47B-3500 DRIVEWAY
5WPU=5" WHITE POLYUREA
5WTH=5" WHITE THERMOPLASTIC
5YPU=5" YELLOW POLYUREA
5YTH= 5" YELLOW THERMOPLASTIC
DR6C=6" CONCRETE 47B-3500
DR6H=6" CONCRETE 47B-HE DRIVEWAY
6CBW=6" CONCRETE BIKEWAY
IC6S=6" CONCRETE CLASS 47B-300 IMPRINTED SURFACE
6SF=6" SURFACING
DR8C=8" CONCRETE 47B-3500 DRIVEWAY
DH8H=8" CONCRETE 47B-HE DRIVEWAY
8SF=8" SURFACING
8TS=8" TEMPORARY SURFACING
CP9=9" CONCRETE 47B-3500
C9H=9" CONCRETE 47B-HE
IP9=9" IMPRINTED CONCRETE 47B-3500
9ID=9" IMPRINTED DOWELED CONCRETE 47B-3500
9RC=9" REINFORCED CONCRETE
9SF=9" SURFACING