

Bridges & Culverts

Fieldname	Type	Width	Decimals	Description
STRUCT_NUM	C	15	0	Structure ID number
LOCAL_ID	C	20	0	Local structure ID number
DATE_INSP	D	8	0	Date inspected
INSPECTOR	C	30	0	Inspector
TYPE	C	1	0	Type of structure
B				Bridge
C				Culvert
RDFLNAME	C	30	0	Road name from VCGI roads
ADDRESS	N	6	2	Approximated from E911/RDS
LOC_DESC	C	100	0	Description of structure location
FIPS6	I	5	2	Municipality code
STRUC_MAT	I	2	0	Repair needed
1				Concrete
2				Concrete continuous
3				Steel
4				Steel continuous
5				Prestressed concrete & post-tensioned
6				Prestressed & post tensioned concrete continuous
7				Timber
8				Masonry (arches) & slabs
9				Aluminum, wrought iron, or cast iron
10				Rigid plastic
11				Corrugated Steel
12				Polyethylene Smooth Bore
13				Polyethylene Corrugated
0				Other or unknown source CAD data
STRUC_TYPE	C	2	0	Type of structure
01				Slab
02				Stringer/multi-beam or girder
03				Girder and floorbeam
04				Tee beam
05				Box beam or girders - multiple
06				Box beam or girders - single or spread
07				Frame
08				Orthotropic
09				Truss - deck
10				Truss - thru
11				Arch - deck
12				Arch - thru
13				Suspension
14				Stayed girder
15				Movable - lift
16				Movable - bascule
17				Movable - swing
18				Tunnel
19				Culvert - standard
20				Mixed types
21				Segmental box girder
22				Channel beam

23	Culvert - drop inlet				
24	Culvert - squish tube				
00	Other				
STRUC_LEN		N	6	0	Length (nearest foot)
WIDTH		N	6	0	Width
	Bridge Width, curb to curb				
	Culver Culvert width (or diameter for round culverts)				
	Width and height should have the same value for round culverts				
HEIGHT		N	6	2	Physical state of asset
	Bridge Minimum height/clearance over roadway				
	Culver Height of culvert, or diameter for round culverts				
UCLEARREF		C	1	0	Clearance reference feature
H	Highway beneath structure				
R	Railroad beneath structure				
N	Feature not a highway or railroad				
UCLEARANCE		N	5	2	Clearance beneath bridge
WLIMIT		N	4	1	Posted weight limit
CDEPTH		N	5	2	Depth of culvert
BCONDITION		C	1	0	Bridge condition
X	Unknown				
N	Not applicable				
9	Excellent				
8	Very good				
7	Good				
6	Satisfactory				
5	Fair				
4	Poor				
3	Serious				
2	Critical				
1	Imminent failure				
0	Failed				
CCONDITION		C	1	0	Bridge condition
X	Unknown				
N	Not applicable				
9	Excellent				
8	Very good				
7	Good				
6	Satisfactory				
5	Fair				
4	Poor				
3	Critical				
2	Imminent failure				
1	Closed - corrective action may put it back in light service				
0	Closed - replacement necessary				
PCTOPEN		N	3	0	Percentage of culvert open
CFLOWANGLE		I	3	0	Angle of culvert relative to flow
IMPORTANCE		N	1	0	Structure importance
0	Unknown				
1	Critical to road function				
2	Very important to road function				
3	Somewhat important to road function				
4	Not important to road function				

5 Un-necessary

YR_BUILT	N	4	0	Year structure was built
ORIGCOST	N	8	0	Original cost to build structure
CURNTVALUE	N	8	0	Current value of structure
REPAIRCOST	N	8	0	Cost to improve/repair structure
REPLCOST	N	8	0	Cost to replace structure
YR_REPAIR	N	4	0	Year of last repair
COMMENTS	C	255	0	Comments
LOCMETH	I	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
2				Drafted on orthophoto base - scanned
3				Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base
4				Transformed CAD data from orthophoto base
5				Other or unknown source CAD data
6				GPS
7				Derived from distance and bearings on surveys
8				1:24000 USGS map
9				Screen digitized using 1:5000 reference features
10				Screen digitized with little reference
11				Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base

Guardrails

Fieldname	Type	Width	Decimals	Description
GRDRAIL_ID	I	5	0	Unique identifier
TYPE	I	2	0	Type of owner
1	Standard			
2	Double			
3	Other			
LENGTH	N	5	2	Guardrail length
POST	I	2	0	Post material
1	Steel			
2	Wood			
3	Other			
RAIL	I	2	0	Rail material
1	Steel			
2	Cable			
3	Wood			
4	Other			
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1	Excellent			
2	Very Good			
3	Good			
4	Fair			
5	Poor			
6	Failing			
99	N/A - not available			
LOCMETH	I	2	0	Method used to digitize feature
1	Drafted on orthophoto base - hand-digitized			
2	Drafted on orthophoto base - scanned			
3	Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base			
4	Transformed CAD data from orthophoto base			
5	Other or unknown source CAD data			
6	GPS			
7	Derived from distance and bearings on surveys			
8	1:24000 USGS map			
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10	Screen digitized with little reference			
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Municipal Buildings

Fieldname	Type	Width	Decimals	Description
BLDGID	I	5	0	Unique identifier
TYPE1	I	2	0	Primary building use
1				Administrative Offices
2				Police Services
3				Fire/Emergency Services
4				Public Works Facility
5				Vehicle Storage/Maintenance
6				Public School Facility
7				Public House
8				Wastewater Treatment Facility
9				Wastewater Pump Station
10				Water Supply Facility
11				Water Pump Station
12				Electric Department Facility
13				Library/Museum
14				Park/Cemetery Facilities
15				Sewage Treatment Plant
16				Other
99				Unknown
TYPE2	I	2	0	Secondary building use
See Type1				
TYPE3	I	2	0	Tertiary building use
See Type1				
STADDRESS	C	50	0	E911 address
SITENAME	C	30	0	Common name for building
LANDCOST	N	10	2	Cost of land
IMPRCOST	N	10	2	Land improvement costs
BLDGCOST	N	10	2	Building cost
PARCELNUM	C	18	0	Parcel identifier
FIPS6	C	5	0	Town/village code
KEY	C	10	0	Concatenate BLDGID and FIPS
YRBUILT	I	4	0	Year building was built
COMMENTS	C	255	0	Comments
LOCMETH	I	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
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6				GPS
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Recreational Facilities

Fieldname	Type	Width	Decimals	Description
RECFAC_ID	I	5	0	Unique identifier
OWNERSHIP	I	2	0	Type of owner
1				Public Easement
2				Municipal
3				State
4				Federal
5				Other Public Entity
6				Private For Profit/Use
7				Private Easement
8				Private Non-Profit
9				Other
99				Unknown
OSTYPE2003	I	2	0	Classified based on 2003 OS plan
1				Working Landscape
2				Natural Areas
3				Outdoor Recreation Areas
4				Other
99				Unknown
USE1	I	2	0	Dominant use of facility
1				Camping or Camp Area, e.g.: Scouts
2				Golf
3				Beach/Swimming
4				Boat Marinas and Launch Areas, Boat Rentals
5				Fishing Access
6				Picnicking and Playgrounds
7				Trail Activities (incl. Horseback, Stables)
8				Recreation Route (Bikeways, Rec Paths)
9				Skiing
10				Curling, Sledding, Outdoor Skating
11				Courts (Tennis, Basketball)
12				Recreation Resorts
13				Publicly Owned Fish, Wildlife, Forest Management Area
14				Park
15				Natural or Scenic Area
16				Hunting or Shooting Preserve
17				Archery and Target Shooting
18				Amusement Areas
19				Race Track or Motor Courts
20				Conservation
21				Woodlot/Forestry
22				Agricultural Production
23				Undevelopable
24				Special Protection Area
25				School w/Playlots, Athletic Facilities
26				Homeowners Assoc., Commons, or Open Land
27				Church or Cemetery
28				Municipal Infrastructure/State Facility
29				Muni/State Infr. Mostly Undevelopable
30				Military

- 31 Field Games
- 32 Snowmobile
- 98 Other
- 99 Unknown

USE2	I	2	0	Secondary use of facility
See Use1				
USE3	I	2	0	Tertiary use of facility
See Use1				
LANDCOST	N	10	2	Cost of land
IMPRCOST	N	10	2	Land improvement cost
NUMBLDGS	N	3	0	Number of buildings on site
BLDGCOST	N	10	2	Building cost(s)
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
RECTYPE	I	2	0	Recreation type
1	Active			
2	Passive			
COMMENTS	C	255	0	Comments
LOCMETH	I	2	0	Method used to digitize feature
1	Drafted on orthophoto base - hand-digitized			
2	Drafted on orthophoto base - scanned			
3	Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base			
4	Transformed CAD data from orthophoto base			
5	Other or unknown source CAD data			
6	GPS			
7	Derived from distance and bearings on surveys			
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Roadway Features

Fieldname	Type	Width	Decimals	Description
RDTYPE_ID	I	5	0	Unique identifier
TYPE	I	2	0	Type of owner
1				Traffic Signal
2				Crosswalk
3				Sidewalk Wheelchair Ramp
4				Speedbump
5				Traffic Island
6				Concrete Barrier
7				Noise Barrier Wall
8				Parking Meter
9				Bus Stop
10				Bus Station
11				Access Point
12				Traffic Count Stations
13				Other
99				Unknown
SRFCTYPE	I	2	0	Surface type
1				Asphalt Concrete
2				PC Concrete
3				Gravel
4				N/A
5				Other
99				Unknown
STREET	C	50	0	Primary street location
INTERSTR	C	50	0	Nearest intersecting street
AADT	I	10	0	Average annual daily traffic
WIDTH	N	10	2	Width
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1				Excellent
2				Very Good
3				Good
4				Fair
5				Poor
6				Failing
99				N/A - not available
LOCMETH	I	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
2				Drafted on orthophoto base - scanned
3				Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base
4				Transformed CAD data from orthophoto base
5				Other or unknown source CAD data

- 6 GPS
- 7 Derived from distance and bearings on surveys
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Sewer Lines

Fieldname	Type	Width	Decimals	Description
SEWLIN_ID	I	5	0	Unique identifier
DIAMETER	N	6	2	Line width in inches
MATERIAL	C	5	0	Material pipe is made of
AC	Asbestos Cement			
CI	Cast Iron			
DI	Ductile Iron			
PVC	Poly Vinyl Chloride Plastic			
CT	Clay Tile			
RC	Reinforced Concrete			
VC	Vitrified Clay Pipe			
PE	Polyethylene			
PLY	Poly Propylene			
HDPLY	High Density Poly Polyethylene			
OTH	Other			
UNK	Unknown			
OWNER	I	2	0	Line owner
4	Town of Williston			
5	City of South Burlington			
7	Town of Essex			
8	Village of Essex Junction			
9	Town of Jericho			
10	Town of Milton			
11	Town of Shelburne			
12	City of Burlington			
13	City of Winooski			
14	Town of Colchester			
15	Town of Richmond			
16	Town of Hinesburg			
99	Private			
SEWTYPE	I	1	0	Line type
1	Gravity			
2	Forcemain			
3	Other			
CLEANDATE	D	10	0	Date line was cleaned
FILMDATE	D	10	0	Date line was filmed
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1	No defects were detected			
2	Rehabilitation can be scheduled long-term			
3	Rehabilitation is necessary medium-term within 3-5 years			
4	Rehabilitation procedure is urgent had has to be completed within 1 - 2 years			

5 Rehab urgent, short term - temp spot repair on emergency level required
99 N/A - not available/unknown

LOCMETH	1	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
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5				Other or unknown source CAD data
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12				As-built drawings

Sewer Points

Fieldname	Type	Width	Decimals	Description
SEWPT_ID	I	5	0	Unique identifier
ID	I	5	0	Manhole Number
TYPE	I	2	0	Line owner
1				Manhole cover
2				Manhole air release
3				Manhole clean out
4				Manhole gravity
5				Pump station
6				Lamphole cover
7				Other
STASIZE	N	5	2	Pump station size
SEWTYPE	I	1	0	Line type
1				Gravity
2				Forcemain
3				Other
MHDEPTH	N	5	2	Rim to invert elevation
REPAIRWORK	I	2	0	DPW or Contractor
1				DPW
2				Contractor
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1				Excellent
2				Very Good
3				Good
4				Fair
5				Poor
6				Failing
99				N/A - not available
LOCMETH	I	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
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5				Other or unknown source CAD data
6				GPS
7				Derived from distance and bearings on surveys
8				1:24000 USGS map
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12				As-built drawings

Sidewalks

Fieldname	Type	Width	Decimals	Description
SIDEWLK_ID	I	5	0	Unique identifier
MATERIAL	C	3	0	Sidewalk material
AS	Asphalt			
GR	Gravel			
CON	Concrete			
OTH	Other			
STREET	C	50	0	Primary street location
STATUS	I	2	0	Feature status
1	Existing and Maintained			
2	Underway			
3	Proposed			
4	Abandoned			
OWNER	I	2	0	Private or public ownership
1	State			
2	Municipal			
3	Federal			
4	Private			
99	Unknown			
WIDTH	N	10	2	Width (feet)
THICKNESS	N	5	2	Thickness (inches)
HAZARD	I	1	0	Displacement hazard
0	No vertical displacement			
1	Vertical displacement < 1" ADA accessible route < 1/4"			
2	Vertical displacement > 1" ADA accessible route > 1/4"			
3	Vertical displacement > 2" ADA accessible route > 1/2"			
STRUCTURE	I	1	0	Extent of structure damage
0	No structural damage			
1	Minor cracking, displacement, deterioration			
2	Moderate cracking, displacement, deterioration, limited structural integrity			
3	Extensive cracking, displacement, deterioration, no structural integrity, subgrade failure			
DRAINAGE	I	1	0	Drainage impact
0	No drainage impact			
1	Ponding depth after inundation < 1" or length < 10'			
2	Ponding after inundation depth > 1" or length < 15'			
3	Ponding after inundation depth > 2" or length > 15'			
SURFACE	I	1	0	Quality of surface
0	No surface condition problems			
1	Minimal signs of surface deterioration			
2	Surface spalling < 50% area in question, joint cracking causing depression < 1"			
3	Surface spalling > 50% area in question, joint cracking causing depression > 1"			
REPAIRWORK	I	1	0	DPW or Contractor
1	DPW			
2	Contractor			
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIRLNGT	N	10	2	Length of sidewalk repaired

REPAIR	C	100	0	Repair needed
REPAIRBASE	C	3	0	Repair base
YES				
NO				
REPAIRADDR	C	100	0	Closest E911 address of repair
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1				Excellent
2				Very Good
3				Good
4				Fair
5				Poor
6				Failing
99				Unknown
LOCMETH	I	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
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12				As-built drawings

Signs

Fieldname	Type	Width	Decimals	Description
SIGN_ID	I	5	0	Unique identifier
TYPE	I	2	0	Primary building use
1	Regulatory			
2	Warning			
3	Guide (conventional road)			
4	Guide (freeway and expressway)			
5	Specific Service (logo)			
6	Tourist Oriented Direction			
7	Recreation and Cultural Interest Area			
8	Emergency Management			
9	Other			
99	Unknown			
SHEETING	I	2	0	Secondary building use
1	Medium-intensity retroreflective, "engineering grade"			
2	Medium-high-intensity retroreflective, "super engineering grade"			
3	High-intensity retroreflective			
4	High-intensity retroreflective, "microprismatic"			
5	Super-high-intensity retroreflective, "microprismatic"			
6	Elastomeric high-intensity retroreflective w/o adhesive, "microprismatic"			
7	Super-high-intensity grade (SHIG) retroreflective, "prismatic"			
MUTCD	C	10	0	MUTCD code
SIGNTYPE	C	30	0	Sign text
	BRIDGE FREEZES			
	BUS STOP AHEAD			
	CATTLE CROSSING			
	CROSS ROAD			
	CURVE AHEAD			
	CURVE SIGN			
	DEAD END			
	DEAF CHILD			
	HANDICAPPED			
	NO PARKING			
	ROAD CLOSED			
	SCHOOL ZONE			
	SIDE ROAD			
	SPEED LIMIT 15			
	SPEED LIMIT 25			
	SPEED LIMIT 35			
	SPEED LIMIT 45			
	SPEED LIMIT 50			
	SPEED LIMIT 55			
	STOP			
	STOP AHEAD			
	WATCH FOR CHILDREN			
	WEIGHT LIMIT			
	YIELD			
	OTHER			
STREET	C	50	0	Primary street location
INTERSTRT	C	50	0	Nearest intersecting street

ROADSIDE		C	7	0	Side of road where sign exists
LEFT					
RIGHT					
UNKNOWN					
WIDTH		N	10	2	Width of sign
HEIGHT		N	10	2	Height of sign
MOUNT		C	18	0	Height of mounting
VISIBLE		I	2	0	Visibility rating
1	Clear				
2	Hidden by foliage				
3	Too high				
4	Too low				
INSTDATE		D	10	0	Installation date
ORIGCOST		N	10	2	Original cost
REPAIRDATE		D	10	0	Repair date
REPAIRCOST		N	10	2	Repair cost
REPAIR		C	100	0	Repair needed
INSPECDATE		D	10	0	Inspection date
REPLCOST		N	10	2	Replacement cost
COMMENTS		C	255	0	Comments
CONDITION		I	2	0	Physical state of asset
1	Good				
2	Poor				
3	Missing				
4	Vandalized				
5	Bullet holes				
6	Peeling				
7	Rusting				
8	Faded				
9	Bent post				
99	Unknown				
LOCMETH		I	2	0	Method used to digitize feature
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4	Transformed CAD data from orthophoto base				
5	Other or unknown source CAD data				
6	GPS				
7	Derived from distance and bearings on surveys				
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10	Screen digitized with little reference				
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Street Lights

Fieldname	Type	Width	Decimals	Description
LIGHT_ID	I	5	0	Unique identifier
TYPE	I	2	0	Unique identifier
1				Stop light
2				Yellow flashing
3				Red flashing
4				Red/yellow flashing
5				Street light on light pole
6				Street light on utility pole
7				Other
POLENUM	I	4	0	Pole number
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1				Excellent
2				Very Good
3				Good
4				Fair
5				Poor
6				Failing
99				N/A - not available
LOCMETH	I	2	0	Method used to digitize feature
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Street Trees

Fieldname	Type	Width	Decimals	Description
TREE_ID	I	5	0	Unique identifier
SPECIES	C	2	0	Tree species
AA	Ailanthus Altissima	Ailanthus		
DBH	N	5	2	Diameter at breast height
STREET	C	1	0	Street tree
Y	Yes			
N	No			
U	Unknown			
PARK	C	1	0	Park tree
Y	Yes			
N	No			
U	Unknown			
ADDRESS	C	50	0	Nearest E911 address
DATEPLNTD	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1	Excellent			
2	Very Good			
3	Good			
4	Fair			
5	Poor			
6	Failing			
99	N/A - not available			
LOCMETH	I	2	0	Method used to digitize feature
1	Drafted on orthophoto base - hand-digitized			
2	Drafted on orthophoto base - scanned			
3	Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base			
4	Transformed CAD data from orthophoto base			
5	Other or unknown source CAD data			
6	GPS			
7	Derived from distance and bearings on surveys			
8	1:24000 USGS map			
9	Screen digitized using 1:5000 reference features			
10	Screen digitized with little reference			
11	Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base			

Stormwater Lines

Fieldname	Type	Width	Decimals	Description
STORMLN_ID	I	5	0	Unique identifier
OWNERSHIP	I	2	0	Feature status
1	Public			
2	Private			
3	State			
4	Other			
SERVICE	I	2	0	Line owner
1	Residential			
2	Commercial			
3	Industrial			
TYPE	C	4	0	Type of feature
COL	Collector			
OUTF	Outfall			
OF	Overflow			
SIPH	Siphon			
FD	Footing Drain			
GS	Grass Swale			
OTH	Other			
PERMIT_ID	C	10	0	Stormwater Permit Number
PERMITNAME	C	30	0	Permittee name
DIAMETER	N	6	2	Line width in inches
LENGTH	N	6	2	Culvert length
MATERIAL	C	5	0	Material pipe is made of
AC	Asbestos Cement			
CI	Cast Iron			
DI	Ductile Iron			
PVC	Poly Vinyl Chloride Plastic			
PE	Polyethylene Pipe			
PES	Polyethylene Smooth Bore			
PEC	Polyethylene Corrugated			
SC	Steel Corrugated			
RCP	RCP			
RC	Reinforced Concrete			
VC	Vitrified Clay Pipe			
GM	Galvanized Metal Pipe			
PLY	Poly Propylene			
HDPLY	High Density Poly Polyethylene			
UNK	Unknown			
OTH	Other			
STATUS	I	2	0	Feature status
1	Existing and maintained			
2	Underway			
3	Proposed			
4	Abandoned			
UPELEV	N	10	2	Pipe Elevation at upstream end
CLEANDATE	D	10	0	Date line was cleaned/filmed
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date

REPAIRCOST		N	10	2	Repair cost
REPAIR		C	100	0	Repair needed
INSPECDATE		D	10	0	Inspection date
REPLCOST		N	10	2	Replacement cost
COMMENTS		C	255	0	Comments
CONDITION		I	2	0	Physical state of asset
1	Excellent				
2	Very Good				
3	Good				
4	Fair				
5	Poor				
6	Failing				
99	N/A - not available				
LOCMETH		I	2	0	Method used to digitize feature
1	Drafted on orthophoto base - hand-digitized				
2	Drafted on orthophoto base - scanned				
3	Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base				
4	Transformed CAD data from orthophoto base				
5	Other or unknown source CAD data				
6	GPS				
7	Derived from distance and bearings on surveys				
8	1:24000 USGS map				
9	Screen digitized using 1:5000 reference features				
10	Screen digitized with little reference				
11	Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base				
12	As-built drawings				

Stormwater Points

Fieldname	Type	Width	Decimals	Description
STORMPT_ID	I	5	0	Unique identifier
OWNERSHIP	I	2	0	Feature status
1	Public			
2	Private			
3	State			
4	Other			
SERVICE	I	2	0	Line owner
1	Residential			
2	Commercial			
3	Industrial			
TYPE	C	4	0	Type of feature
GRA	Grate Inlet			
CUR	Curb Inlet			
COM	Combo Inlet			
MH	Manhole			
CB	Catch Basin			
PND	Detention/Retention Pond			
OS	Outlet Structure			
DW	Dry well			
DI	Drop Inlet			
TNK	Tank			
PL	Stormwater Permit Location			
OTH	Other			
PERMIT_ID	C	10	0	Stormwater Permit Number
PERMITNAME	C	30	0	Permittee name
MHDEPTH	N	5	2	Rim to invert elevation
REPAIRWORK	I	2	0	DPW or Contractor
1	DPW			
2	Contractor			
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1	Excellent			
2	Very Good			
3	Good			
4	Fair			
5	Poor			
6	Failing			
99	N/A - not available			
LOCMETH	I	2	0	Method used to digitize feature
1	Drafted on orthophoto base - hand-digitized			
2	Drafted on orthophoto base - scanned			
3	Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base			

- 4 Transformed CAD data from orthophoto base
- 5 Other or unknown source CAD data
- 6 GPS
- 7 Derived from distance and bearings on surveys
- 8 1:24000 USGS map
- 9 Screen digitized using 1:5000 reference features
- 10 Screen digitized with little reference
- 11 Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base
- 12 As-built drawings

Trails/Bikepaths

Fieldname	Type	Width	Decimals	Description
TRAIL_ID	I	5	0	Unique identifier
OWNER	I	2	0	Type of owner
1				State
2				Municipal
3				Federal
4				Private
5				Other
99				Unknown
STATUS	I	2	0	Feature status
1				Existing and Maintained
2				Underway
3				Proposed
4				Abandoned
TYPE1	I	2	0	Type of pathway
1				Pedestrian Only
2				Biking Only
3				Pedestrian and Biking
4				Snowmobile
5				Cross Country Skiing
6				Other
99				Unknown
TYPE2	I	2	0	Type of pathway
See Type1				
TYPE3	I	2	0	Type of pathway
See Type1				
MATERIAL	C	3	0	Material trail is made of
AS				Asphalt
GR				Gravel
CON				Concrete
DT				Dirt
OTH				Other
WIDTH	N	10	2	Width (feet)
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1				Excellent
2				Very Good
3				Good
4				Fair
5				Poor
6				Failing
99				Unknown
LOCMETH	I	2	0	Method used to digitize feature

- 1 Drafted on orthophoto base - hand-digitized
- 2 Drafted on orthophoto base - scanned
- 3 Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base
- 4 Transformed CAD data from orthophoto base
- 5 Other or unknown source CAD data
- 6 GPS
- 7 Derived from distance and bearings on surveys
- 8 1:24000 USGS map
- 9 Screen digitized using 1:5000 reference features
- 10 Screen digitized with little reference
- 11 Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base

Water Line Breaks

Fieldname	Type	Width	Decimals	Description
WATLIN_ID	I	5	0	Unique identifier
BREAKS	C	100	0	Record of breaks
BRKNFEATR	I	1	0	Feature that is broken
1				Main
2				Service
3				Joint
4				Valve
5				Hydrant
6				Other

Water Lines

Fieldname	Type	Width	Decimals	Description
WATLIN_ID	I	5	0	Unique identifier
DIAMETER	N	6	2	Line width in inches
MATERIAL	C	3	0	Material pipe is made of
AC				Asbestos Cement
CI				Cast Iron
DI				Ductile Iron
GLV				Galvanized
PVC				Poly Vinyl Chloride Plastic
PLY				Polyethylene
OTH				Other
UNK				Unknown
OWNER	I	2	0	Line owner
1				Champlain Water District (CWD)
2				Colchester Fire District #2
3				Colchester Fire District #3
4				Town of Williston
5				City of South Burlington
6				QCP Fire District (South Burlington)
7				Town of Essex
8				Village of Essex Junction
9				Town of Jericho
10				Town of Milton
11				Town of Shelburne
12				City of Burlington
13				Private
99				Unknown
PRSSRZONE	C	10	0	Pressure zone
FLUSHDATE	D	10	0	Flush date
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1				Excellent
2				Very Good
3				Good
4				Fair
5				Poor
6				Failing
99				N/A - not available
LOCMETH	I	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
2				Drafted on orthophoto base - scanned
3				Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base
4				Transformed CAD data from orthophoto base

- 5 Other or unknown source CAD data
- 6 GPS
- 7 Derived from distance and bearings on surveys
- 8 1:24000 USGS map
- 9 Screen digitized using 1:5000 reference features
- 10 Screen digitized with little reference
- 11 Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base
- 12 As-built drawings

Water Points

Fieldname	Type	Width	Decimals	Description
WATPTS_ID	I	5	0	Unique identifier
TYPE	I	2	0	Asset type
1	Manhole cover			
2	Valve			
3	Tee			
4	Pump Station			
5	Tank			
6	Hydrant			
7	Shutoff			
8	Other			
STASIZE	N	5	2	Pump station size
TANKSIZE	N	5	2	Tank size
FLUSHDATE	D	10	2	Flush date
PRESSURE	N	10	2	Flow/water pressure
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair cost
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1	Excellent			
2	Very Good			
3	Good			
4	Fair			
5	Poor			
6	Failing			
99	N/A - not available			
LOCMETH	I	2	0	Method used to digitize feature
1	Drafted on orthophoto base - hand-digitized			
2	Drafted on orthophoto base - scanned			
3	Drafted on orthophoto base - screen digitized from digital 1:5000 orthophoto base			
4	Transformed CAD data from orthophoto base			
5	Other or unknown source CAD data			
6	GPS			
7	Derived from distance and bearings on surveys			
8	1:24000 USGS map			
9	Screen digitized using 1:5000 reference features			
10	Screen digitized with little reference			
11	Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base			
12	As-built drawings			

User-defined

Fieldname	Type	Width	Decimals	Description
CUSTOM_ID	I	5	0	Unique identifier
TYPE	C	50	0	Feature type
INSTDATE	D	10	0	Installation date
ORIGCOST	N	10	2	Original cost
REPAIRDATE	D	10	0	Repair date
REPAIRCOST	N	10	2	Repair date
REPAIR	C	100	0	Repair needed
INSPECDATE	D	10	0	Inspection date
REPLCOST	N	10	2	Replacement cost
COMMENTS	C	255	0	Comments
CONDITION	I	2	0	Physical state of asset
1				Excellent
2				Very Good
3				Good
4				Fair
5				Poor
6				Failing
99				N/A - not available
LOCMETH	I	2	0	Method used to digitize feature
1				Drafted on orthophoto base - hand-digitized
2				Drafted on orthophoto base - scanned
3				Drafted on orthophoto base - screen digitized from digital orthophoto base
4				Transformed CAD data from orthophoto base
5				Other or unknown source CAD data
6				GPS
7				Derived from distance and bearings on surveys
8				1:24000 USGS map
9				Screen digitized using 1:5000 reference features
10				Screen digitized with little reference
11				Drafted on orthophoto base - screen digitized from digital 1:1250 orthophoto base
12				As-built drawings