RULIS Design and As-Builts Configured Components

This table contains the values for each attribute that will be included on vector files imported to RULIS.
Locate the Component that is being created in the first column to view the attributes that you can import and whether the attribute is required or optional.

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Cable/Wire							
Conveyance Category	ConvCatLn	Yes	Unknown	Distribution,Service,Transmission,Unknown		31,1,33,33,1,31	1
Conveyance Method	ConvMetLn	Yes	Unknown	High Voltage,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31	1
Cross Section Configuration	CSCLn	No	Circular	Circular	Inside,Outside	1,31,33,33,31,1	0
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31	1
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		33,31,1,33,1,31	1
Feature Type	FeatTypeLn	Yes	Segment	Segment		NULL	0
Is Encased	IsEncLn	No	No	No,Yes		31,1,33,33,1,31	0
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,1,33,33,1,31	0
Is Encased Is Filled Fill Material	IsEndFiMLn	No		Flow Fill,Grout,Sand,Unknown		31,1,33,33,1,31	0
Material	MatLn	Yes		Aluminum,Coaxial Cable,Composite,Copper,Fiber Optic,Fiber or Glass,Metal,Other,Steel,Unknown	Ceramic,Coaxial Cable,Composite,Fiber Optic,Fiberglass,Geotextile,Other,Pitch Fiber,Unknown,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel	31,1,33,1,31,33,33,31,1,33,33,31,31,1,1,1,1,31,31,33,33,31,33,1,1,33,31,31,31,33,33,1,1,33,1,31,31,31,1,1,33,33,31,31,31,1,1,1,33,33,33	1
Number of Conduits	NCondLn	No	1			31,1,33	0
Operational Status	OperatLn	Yes	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,1,33,31,31,33,1	1
Owner	OwnerLn	No				33	0
Underground Status	UndStatLn	No	Aboveground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,None,Other,Street Lighting,Telephone,Traffic System,Unknown	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,33,1,1,33,31,33,1,31,31,1,33,33,33,1,1,31,31,31,31,1,1,33,33	1
Clean Out							
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		NULL	1
Cross Section Configuration Width	CSCWLn	No				NULL	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31,1,31,33	1
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	0
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,33,31,1,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Combined Sewer,Compressed Air,Cooling and Heating,Crude Oil,Gasoline,Hybrid Power,Irrigation,Natural Gas,None,Non-Potable Water,Other,Petroleum and Gaseous Materials,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Storm Water,Unknown,Water	Combined Sewer,Cooling and Heating,Irrigation,None,Other,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hybrid Power,Hydrogen Sulfide,Natural Gas,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,33,1,1,33,31,33,1,31,33,31,1,1,31,33,33,33,33,1,1,1,31,31,31,1,1,33,33,31,31,31,1,1,33	1
Conduit							
Conveyance Category	ConvCatLn	Yes	Unknown	Distribution,Gathering,Service,Transmission,Unknown		1,33,31,31,33,1	1
Conveyance Method	ConvMetLn	Yes	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31,1,31,33,33,31,1	1
Cross Section Configuration	CSCLn	Yes	Circular	Circular,Conduit Bundle,Ellipse,Rectangular	Inside,Outside	31,1,33,33,1,31	1
Cross Section Configuration Height	CSCHLn	No				31,33,1	0
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,1,31,33,33,31,1,1,33,31	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31,1,31,33	1
Data Sensitivity Level	DatSenLeLn	No		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Encasement	Encasement,Segment		NULL	1
Is Encased	IsEncLn	Yes	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,1,33,33,1,31	0
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,33,1,1,33,31	0
Material	MatLn	Yes		ABS - Acrylonitrile Butadiene Styrene,Asbestos Cement,Composite,Concrete,Corrugated Plastic,Fiber or Glass,Fiberglass,HDPE - High Density Polyethylene,Metal,Other,PE - Polyethylene,Plastic,PP - Polypropylene,PS - Polystyrene,PVC - Polyvinyl Chloride,Reinforced Concrete,Steel,Transite,Unknown	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Asphalt,Canvas,Clay,Corrugated Plastic,Gravel,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC- Polyvinyl Chloride,Rock,Sand,Stone,Terracotta,Transite,Vitrified Clay,Compo,PVC,PVC - Polyvinyl Chloride	31,1,33,33,1,31,31,31,31,31,1,1,1,1,33,33,33,33,31,33,1,33,31,1,1,31,33,1,1,33,33,31,31,31,33,33,33,1,1,1,33,31,31,31,33,33,33,33,1,1,1,1,1,31,31,31,31,33,33,33,33,1,1,1,1,33	1
Operational Status	OperatLn	Yes	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,33,31,1,1,31,33	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,1,33,31,31,33,1	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,1,31,33,33,31,1,31,1,33,33,1,31,31,33,1,1,33,31,1,1,33,33,31,31	1
Wall Thickness Units	WallThULn	No	in	cm,ft,in,m		31,1,33,1,33,31,1,31,33,33,31,1	0
Cover							
Conveyance Category	ConvCatLn	No	Unknown	Distribution,Gathering,Service,Transmission,Unknown		31,1,33,33,1,31	0
Conveyance Method	ConvMetLn	No	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31,1,33,31,1,31,33,31,33,1	0
Cross Section Configuration	CSCLn	No		Circular,Other,Outside,Rectangular	Inside,Outside,	31,1,33,33,1,31,31,31,31,1,1,1,33,33,33	0
Cross Section Configuration Length	CSCLLn	No				31,33,1	0
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31,1,31,33	0
Cross Section Configuration Width	CSCWLn	No				31,33,1	0
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in		31,1,33,1,33,31,1,31,33	0
Data Sensitivity Level	DatSenLeLn	No		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Access Point	Access point		1,33,31	1
Material	MatLn	No		Composite,Concrete,Fiber or Glass,Fiberglass,Galvanized Steel,Iron,Metal,Other,Plastic,Steel,Unknown,Wood	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite,Creosote,Manufactured,Pressure Treated	31,31,1,1,33,33,33,1,31,31,1,33,33,33,1,1,31,31,1,31,33,1,33,31,31,33,1,31,31,33,1,1,33	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33,33,31,1	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No		Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,31,33,1,33,1,31,1,31,33	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Chemical,Combined Sewer,Communication,Compressed Air,Cooling and Heating,Crude Oil,Direct Current,Electric,Fiber Optic,Gasoline,Hybrid Power,Irrigation,Natural Gas,None,Non-Potable Water,Other,Petroleum and Gaseous Materials,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Storm Water,Street Lighting,Telephone,Traffic System,Unknown,Water	Cooling and Heating,Other,Slurry,Alarm,Cable Television,Fiber Optic,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None,Combined Sewer,Irrigation,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hydrogen Sulfide,Natural Gas,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,31,33,33,1,1,1,33,31,31,33,1,1,31,33,33,31,1,33,1,31,31,31,1,1,33,33,31,1,33,1,1,33,33,31,31,31,31,31,31,31,31,33,33,33,33,33,1,1,1,1,33,31,1,1,33,33,33,1,1,31,31	1
Duct							
Conveyance Category	ConvCatLn	Yes	Unknown	Distribution,Gathering,Service,Transmission,Unknown		31,1,33,33,1,31	1
Conveyance Method	ConvMetLn	Yes	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31,1,31,33,33,31,1	1
Cross Section Configuration	CSCLn	Yes	Rectangular	Circular,Inside,Other,Outside,Rectangular	Inside,Outside	31,1,33,33,1,31,31,31,31,1,1,1,33,33,33,33,31,1,1,31,33,1,33,33,1,1,31,31,31,33,1,33,31,31,33,1	1
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,1,31,33,33,1,31	1
Cross Section Configuration Width	CSCWLn	No				1,31,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		1	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		33,31,1,33,1,31	1
Feature Type	FeatTypeLn	Yes	Encasement	Encasement,Segment		1,33,31,31,33,1	1
Is Encased	IsEncLn	No	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,1,33,33,1,31	1
Material	MatLn	Yes		ABS - Acrylonitrile Butadiene Styrene,Aluminum,Asbestos Cement,Brick,Composite,Concrete,Copper,Corrugated Metal,Corrugated Plastic,Ductile Iron,Fiber or Glass,Fiberglass,Galvanized Steel,HDPE - High Density Polyethylene,Iron,Metal,Other,PE - Polyethylene,Plastic,PP - Polypropylene,Precast Concrete,PS - Polystyrene,PVC - Polyvinyl Chloride,Reinforced Concrete,Steel,Tile,Transite,Unknown,Wrapped Steel	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,31,31,31,1,1,1,33,33,33,1,31,33,33,31,1,1,1,31,31,33,33,33,33,31,31,1,1,1,33,31,31,33,1,31,31,1,33,33,1,1,1,1,31,31,31,31,33,33,33,33,31,31,31,31,1,1,1,33,33,33,33	1
Number of Conduits	NCondLn	No	1			31,1,33	1
Operational Status	OperatLn	Yes	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,31,33,1,33,1,31,1,31,33	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,3,3,33,33,1,1,33,1,31,3,3,31,1,33,1,3,31,33,33,31,3,1,3,33,31,1,1,31,33,3,1,31,3,33,3,31,31,33,33,1,1,1,1,33,33,31,31,3,3,1,33,3,31	1
Duct Bank							
Conveyance Category	ConvCatLn	No	Unknown	Distribution,Gathering,Service,Transmission,Unknown		31,1,33,33,1,31	1
Conveyance Method	ConvMetLn	No	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31,1,33,31,1,31,33,31,33,1	1
Cross Section Configuration	CSCLn	Yes	Rectangular	Circular,Conduit Bundle,Inside,Other,Outside,Rectangular	Inside,Outside,	31,1,33,33,1,31,31,31,1,31,1,1,33,33,33,1,33,31,31,33,1,31,1,1,1,1,31,31,31,33,33,33,33,1,31,33,33,31,1	1
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,1,31,33,1,33,31	1
Cross Section Configuration Width	CSCWLn	No				1,31,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		1,31,33,33,31,1,31,33,1,31,1,33	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Encasement	Encasement,Segment		1,33,31,31,33,1	1
Is Encased	IsEncLn	No	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,1,33,33,1,31	1
Material	MatLn	Yes		ABS - Acrylonitrile Butadiene Styrene,Aluminum,Asbestos Cement,Brick,Composite,Concrete,Copper,Corrugated Metal,Corrugated Plastic,Ductile Iron,Fiber or Glass,Fiberglass,Galvanized Steel,HDPE - High Density Polyethylene,Iron,Metal,Other,PE - Polyethylene,Plastic,PP - Polypropylene,Precast Concrete,PS - Polystyrene,PVC - Polyvinyl Chloride,Reinforced Concrete,Steel,Tile,Transite,Unknown,Wrapped Steel	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,31,1,1,31,31,33,33,33,1,1,33,31,31,33,1,33,31,1,1,33,33,31,31,1,1,1,1,31,31,33,33,1,31,33,33,33,1,1,31,31,31,31,31,1,1,1,33,33,33,33,1,33,33,33,1,33,31,31,31,1,1,31	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,31,33,1,33,1,31,1,31,33	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,3,3,33,33,1,1,1,3,33,31,31,33,3,1,33,1,3,31,31,3,1,33,3,33,31,1,31,33,1,3,3,1,33,31,1,31,33,3,3,33,1,1,31,31,31,33,33,3,3,3,1,1,1,1,3,3,33,33,31,31,3,31,1,33	1
Dump Station							
Data Sensitivity Level	DatSenLeLn	Yes	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Other	Metal,Other,Plastic,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Asbestos Cement,Asphalt,Brick,Canvas,Ceramic,Clay,Concrete,Corrugated Plastic,Fiber Optic,Fiberglass,Geotextile,Gravel,HDPE - High Density Polyethylene,PE - Polyethylene,Pitch Fiber,PP - Polypropylene,PS - Polystyrene,PVC-Polyvinyl Chloride,Reinforced Concrete,Rock,Sand,Stone,Terracotta,Tile,Transite,Vitrified Clay,Compo,PVC,PVC - Polyvinyl Chloride,	31,1,33,33,1,31,33,33,1,1,31,31,1,31,33,1,33,31,31,33,1	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,1,33,31,33,1,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes	Wastewater and Storm Sewer	Potable Water,Water	Other,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,33,1,1,33,31,33,31,1	1
Gathering Line							
Conveyance Category	ConvCatLn	Yes	Gathering	Distribution,Gathering,Service,Transmission,Unknown		31,1,33,33,1,31	1
Conveyance Method	ConvMetLn	No	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31,1,33,31,31,33,1	1
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,33,1,1,33,31,1,31,33	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Segment	Segment		1,33,31	1
Is Encased	IsEncLn	Yes	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,1,33,33,1,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Material	MatLn	Yes		ABS - Acrylonitrile Butadiene Styrene,Aluminum,Asbestos Cement,Asphalt,Brick,Ceramic,Clay,Coaxial Cable,Composite,Concrete,Copper,Corrugated Metal,Corrugated Plastic,Creosote,Ductile Iron,Earthen,Fiber Optic,Fiber or Glass,Fiberglass,Galvanized Steel,Geotextile,Gravel,HDPE - High Density Polyethylene,Iron,Manufactured,Metal,Other,PE - Polyethylene,Pitch Fiber,Plastic,PP - Polypropylene,Precast Concrete,Pressure Treated,PS - Polystyrene,PVC - Polyvinyl Chloride,PVC-Polyvinyl Chloride,Reinforced Concrete,Rock,Sand,Steel,Tile,Transite,Unknown,Vitrified Clay,Wood,Wrapped Steel	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Asphalt,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC-Polyvinyl Chloride,Transite,Compo,PVC,PVC - Polyvinyl Chloride,Creosote,Manufactured,Pressure Treated	31,31,1,1,33,33,33,1,33,31,1,31,31,1,33,1,33,33,1,31,31,1,1,1,33,33,31,31,33,1,1,31,31,1,1,33,31,33,31,1,1,1,1,1,33,33,33,31,31,31,31,33,33,1,33,31,31,33,1,31,33,1,31,1,33,33,1,31,1,33,31,31,1,31,1,33,33,33,31,1,1,33,31,1,31,33,31,1,33,31,1,31,33,1,33,33,33,1,1,31,31,33,33,33,33,1,1,31,1,1,1,1,31,31,31,31,31,33,1,33,1,3,3,33,31,31,1,31,3,33,33,31,1,1,3,31,33,3,33,33,31,1,33,1,33,33,33,33,33,3,1,1,33,1,33,33,31,31,1,1,1,1,1,31,31,31,31,31,31	1
Operational Status	OperatLn	No	In Service			31,1,33	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,33,31,1,31,33,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Compressed Air,Crude Oil,Gasoline,Hybrid Power,Natural Gas,Other,Petroleum and Gaseous Materials,Unknown	Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hybrid Power,Hydrogen Sulfide,Natural Gas,Other,Slurry,Steam	31,3,33,1,1,3,33,31,31,33,3,1,1,33,1,3,3,33,31,31,1,31,3,33,33,3,31,1,1,3,31,33,3,33,31,1,33,31,3,1,1,1,31,3,31,33,3,33	1
Guy Anchor							
Feature Type	FeatTypeLn	Yes	Support Structure	Support Structure		1,33,31	1
Material	MatLn	No	Metal	Metal,Plastic,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite,	31,1,33,1,31,33,33,1,31,31,33,1,33,1,1,31,31,33,1,33,31,33,31,1	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,1,33,31,31,33,1,1,31,33,33,1,31,31,1,33,33,3,31,31,1,1,1,1,31,31,33,33	1
Guy Pole							
Cross Section Configuration	CSCLn	Yes	Circular	Circular,Other,Outside,Rectangular	Inside,Outside	31,1,33,33,1,31,31,31,31,1,1,1,33,33,33	1
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,1,33,31,31,33,1	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		31,33,1,33,1,31,31,1,33,1,33,31	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,1,33,31,33,1,31	1
Data Sensitivity Level	DatSenLeLn	No		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Support Structure	Support Structure		1,33,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Material	MatLn	Yes	Unknown	Aluminum,Composite,Concrete,Creosote,Fiber or Glass,Fiberglass,Galvanized Steel,Manufactured,Metal,Other,Precast Concrete,Pressure Treated,Reinforced Concrete,Steel,Unknown,Wood	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,Creosote,Manufactured,Pressure Treated	31,1,33,33,33,33,31,31,1,1,1,3 1,33,1,31,33,33,1,1,31,31,31,3 1,1,1,33,33,1,31,33,33,31,1,33 ,33,33,33,31,31,31,1,1,1,1,31, 31,33,1,1,33,31,31,31,31,31,1, 1,1,1,1,31,33,33,33,33,33	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,31,1,33,1,31,3 3,33,31,1	1
Underground Status	UndStatLn	Yes	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,1,31,33,33,31, 1,31,1,33,33,1,31,31,33,1,1,33 ,31,1,1,33,33,31,31	1
Handhole							
Cross Section Configuration	CSCLn	No	Rectangular	Other,Outside,Rectangular	Inside,Outside,	33,31,1,1,31,33,33,33,31,31,1, 1,33,1,31,31,1,33	1
Cross Section Configuration Height	CSCHLn	No				31,33,1	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,33,1,1,33,31,1,31,33	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		31,33,1,1,33,31	1
Cross Section Configuration Width	CSCWLn	No				31,33,1	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31	1
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1
Material	MatLn	No	Unknown	Aluminum,Brick,Composite,Concrete,Corrugated Metal,Fiber or Glass,Fiberglass,Galvanized Steel,Metal,Other,Plastic,Reinforced Concrete,Steel,Tile,Unknown	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,31,31,1,1,33,3 3,33,33,1,1,31,31,31,33,1,1,1, 1,31,31,31,33,33,33,1,31,33,3 3,31,1,1,33,31,33,33,33,33,1,1 ,1,1,31,31,31,31	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,33,31,1,1,31,3 3	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31,1,33,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,31,33,1,1,33,3 1,33,1,31,31,1,33,33,31,1,1,31 ,33,1,1,33,33,31,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Hydrant							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	No	Device	Device		1,33,31	1
Material	MatLn	No	Metal	Metal,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel	1,31,33,33,1,31,31,1,33,1,33,31,31,31,33,1,1,33,31,33,1	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,1,33,31,31,33,1	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31,1,33,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Non-Potable Water,Potable Water,Unknown	Combined Sewer,Cooling and Heating,Irrigation,None,Other,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,	31,33,1,33,1,31,33,31,1,31,1,33,1,33,31	1
Inlet							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Unknown	Metal,Plastic,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,1,33,31,31,33,1,1,31,33,33,33,31,1,1,31,33,31,1	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,1,33,31,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Combined Sewer,Cooling and Heating,Irrigation,None,Non-Potable Water,Other,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Storm Sewer,Water	,Combined Sewer,Cooling and Heating,Irrigation,None,Other,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,33,1,1,33,31,33,1,31,1,31,33,31,1,33	1
Junction Box							
Cross Section Configuration Height	CSCHLn	No				31,33,1	0
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,33,1,31	0
Cross Section Configuration Length	CSCLLn	No				31,1,33	0
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		31,1,33,1,33,31,33,1,31,33,31,1	0
Cross Section Configuration Width	CSCWLn	No				31,33,1	0
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33	0
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		33,31,1,33,1,31	1
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Material	MatLn	No	Unknown	Aluminum,Brick,Composite,Concrete,Corrugated Metal,Fiber or Glass,Fiberglass,Galvanized Steel,Metal,Other,Plastic,Reinforced Concrete,Steel,Tile,Unknown	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,31,31,1,33,33,1,1,31,33,33,31,1,31,31,1,1,33,33,33,33,1,1,31,31,1,33,31,1,1,33,33,33,33,1,31,31,31,31,33,1,1,31,31,31,31,33,33,33,1,1,1,33	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,1,31,33,1,33,31,31,33,1	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		1,33,31,1,31,33,33,31,1,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,33,1,31,31,1,33,1,33,31,31,33,1,33,31,1,1,31,33,1,1,33,33,31,31	1
Light Pole							
Cross Section Configuration	CSCLn	Yes	Circular	Circular,Other,Outside,Rectangular	Inside,Outside	31,1,33,33,1,31,31,31,31,1,1,1,33,33,33	1
Cross Section Configuration Height	CSCHLn	No				31,33,1	1
Cross Section Configuration Height Units	CSCHULn	No	ft	cm,ft,in,m		31,1,33,33,1,31,1,33,31	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		33,31,1,1,31,33	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31,1,31,33	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Support Structure	Support Structure		1,33,31	1
Material	MatLn	Yes	Unknown	Aluminum,Composite,Concrete,Creosote,Fiber or Glass,Fiberglass,Galvanized Steel,Manufactured,Metal,Other,Precast Concrete,Pressure Treated,Reinforced Concrete,Steel,Unknown,Wood	,Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,Creosote,Manufactured,Pressure Treated	31,1,33,33,1,1,1,33,33,31,31,31,1,33,31,1,1,31,33,33,33,1,1,31,31,31,31,1,1,33,33,33,1,31,1,33,31,1,31,31,33,33,1,33,1,1,1,1,33,33,33,31,31,1,1,1,1,33,1,1,33,33,31,31	1
Operational Status	OperatLn	Yes	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33,33,31,1	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface)		31,1,33,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes	Electric	Electric,Street Lighting,Unknown	Alarm,Alternating Current,Direct Current,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,	31,33,1,1,33,31,33,1,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Manhole							
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in		31,1,33,1,33,31	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33,1,33,31	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1
Material	MatLn	Yes	Unknown	Aluminum,Brick,Clay,Composite,Concrete,Corrugated Metal,Earthen,Fiber or Glass,Fiberglass,Galvanized Steel,Metal,Other,Plastic,Reinforced Concrete,Steel,Tile,Unknown,Vitrified Clay,Wood	,Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite,Creosote,Manufactured,Pressure Treated	31,1,33,33,33,1,1,31,31,33,1,1,33,31,31,33,1,31,31,31,1,1,33,33,1,33,31,31,33,1,1,1,33,33,31,31,1,31,33,31,31,31,31,33,33,1,1,31,1,1,1,33,33,33,1,1,31,31,33,33,1,1,1,1,33,33,33,33,31,31,31,31,1,1,33,33,31	1
Operational Status	OperatLn	Yes	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,31,1,33,1,31,33,33,31,1	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31,1,33,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Combined Sewer,Communication,Cooling and Heating,Direct Current,Electric,Fiber Optic,Hybrid Power,Irrigation,None,Non-Potable Water,Other,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Storm Water,Street Lighting,Telephone,Traffic System,Unknown,Water	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None,Combined Sewer,Cooling and Heating,Irrigation,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,31,33,33,1,1,1,33,31,31,33,1,33,31,1,1,31,33,1,1,1,31,31,31,33,33,33,31,1,33,1,1,33,33,31,31,33,1,31	1
Meter							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		33,31,1,33,1,31	1
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Unknown	Metal,Plastic,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,1,33,31,33,1,31,33,1,33,1,31,31,1,31,33,33,31,1	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Aboveground	Aboveground,Underground		31,1,33,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alternating Current,Electric,Potable Water,Unknown	Alarm,Alternating Current,Direct Current,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System	31,33,1,1,31,33,33,31,1,1,33,31	1
Other							
Conveyance Category	ConvCatLn	No	Unknown	Distribution,Gathering,Service,Transmission,Unknown		1,31,33,33,31,1	1
Conveyance Method	ConvMetLn	No	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31,1,31,33,33,31,1	1
Cross Section Configuration	CSCLn	Yes		Circular,Conduit Bundle,Ellipse,Inside,Other,Outside,Rectangular	Inside,Outside	31,1,33,33,1,31,31,31,31,31,31,1,1,1,1,1,33,33,33,33,33,33,33,33,33,1,1,1,1,31,31,31,31,31	1
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,1,33,31,1,31,33,33,1,31	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,33,1,33,1,31	1
Feature Type	FeatTypeLn	Yes		Access point,Containing Structure,Device,Encasement,Marker,Segment,Support Structure		1,33,31,31,33,1,33,31,1	1
Is Encased	IsEncLn	Yes		No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,33,1,1,33,31	1
Material	MatLn	Yes		ABS - Acrylonitrile Butadiene Styrene,Aluminum,Asbestos Cement,Brick,Ceramic,Clay,Coaxial Cable,Composite,Concrete,Copper,Corrugated Metal,Corrugated Plastic,Creosote,Ductile Iron,Earthen,Fiber Optic,Fiber or Glass,Fiberglass,Galvanized Steel,Geotextile,Gravel,HDPE - High Density Polyethylene,Iron,Manufactured,Metal,Other,PE - Polyethylene,Pitch Fiber,Plastic,PP - Polypropylene,Precast Concrete,Pressure Treated,PS - Polystyrene,PVC - Polyvinyl Chloride,Reinforced Concrete,Rock,Sand,Steel,Tile,Transite,Unknown,Vitrified Clay,Wood,Wrapped Steel	,Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Asphalt,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC-Polyvinyl Chloride,Transite,Compo,PVC,PVC - Polyvinyl Chloride,Creosote,Manufactured,Pressure Treated	31,1,33,33,1,31,33,33,1,1,31,31,1,33,31,1,33,33,33,1,1,33,31,31,31,1,31,1,31,33,31,31,1,1,33,33,1,33,31,31,33,33,1,31,31,33,33,1,1,31,1,1,31,31,31,31,33,33,1,1,1,1,31,33,33,33,33,33,33,33,33,31,31,31,31,1,1,31,1,1,1,1,33,33,1,31	1
Number of Conduits	NCondLn	No				31,1,33	1
Operational Status	OperatLn	Yes	Unknown	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33	1
Owner	OwnerLn	Yes				1,31,33	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Underground Status	UndStatLn	Yes		Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,33,31,1,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,1,1,3,3,33,33,3,33,1,31,31,1,33,3,33,1,3,31,31,3,1,33,31,1,3,33,33,3,1,31,3,31,1,33,3,1,33,31,31,33,1,3,31,31,1,1,33,33,3,3,3,3,33,33,1,1,31,31,31,33,3,1	1
Wall Thickness	WallThLn	No				31,1,33	1
Wall Thickness Units	WallThULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33,1,33,31	1
Panel							
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,33,1,1,33,31,1,31,33	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		31,33,1,1,33,31,33,1,31,1,31,33	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1
Material	MatLn	No	Unknown	Aluminum,Brick,Clay,Composite,Concrete,Corrugated Metal,Earthen,Fiber or Glass,Fiberglass,Galvanized Steel,Metal,Other,Plastic,Reinforced Concrete,Rock,Steel,Stone,Terracotta,Tile,Unknown,Vitrified Clay,Wood	,Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite,Creosote,Manufactured,Pressure Treated	31,1,33,33,33,1,1,31,31,33,1,31,33,31,1,1,31,33,31,31,1,1,33,33,1,1,33,33,33,31,3,1,1,31,31,1,1,31,31,31,33,1,1,1,33,33,33,33,31,31,31,1,1,31,31,33,1,1,1,1,33,33,33,33,33,31,31,33,33,1,1	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes		Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31,1,33,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Compressed Air,Crude Oil,Direct Current,Electric,Fiber Optic,Gasoline,Hybrid Power,Natural Gas,None,Other,Petroleum and Gaseous Materials,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hydrogen Sulfide,Natural Gas,Slurry,Steam	31,31,33,33,1,1,1,33,31,31,33,1,31,1,33,33,1,31,33,31,1,1,31,33,33,33,1,1,31,31,31,31,31,33,33,33,31,1,1,33,1,33,31,31,1,1,33,33	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Pedestal							
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,33,1,31,1,33,33,1,31	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		NULL	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1
Material	MatLn	No	Unknown	Aluminum,Composite,Corrugated Metal,Fiber or Glass,Fiberglass,Galvanized Steel,Metal,Other,Plastic,Steel,Unknown	,Ceramic,Coaxial Cable,Composite,Fiber Optic,Fiberglass,Geotextile,Other,Pitch Fiber,Unknown,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,1,33,31,31,33,1,33,33,1,1,31,31,31,31,1,1,33,33,33,1,31,33,31,1,1,31,33,33,33,31,1,31,1,33,33,33,1,1,1,31,31,31	1
Operational Status	OperatLn	Yes	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33,33,1,31,31,1,33	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,33,31,1,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,31,33,1,1,33,31,33,1,31,31,1,33,33,31,1,1,31,33,1,1,33,33,31,31	1
Pipe							
Conveyance Category	ConvCatLn	Yes	Unknown	Distribution,Gathering,Service,Transmission,Unknown		1,31,33,33,31,1	1
Conveyance Method	ConvMetLn	Yes	Unknown	Force Main,Gravity,High Pressure,Intermediate High Pressure,Low Pressure,Not Applicable,Unknown		31,1,33,33,1,31,1,31,33	1
Cross Section Configuration	CSCLn	Yes	Circular	Circular,Ellipse,Inside,Other,Outside,Rectangular	Inside,Outside,	31,1,33,33,1,31,31,31,31,1,1,31,1,1,33,33,33,33,33,33,33,33,31,1,1,1,1,31,31,31,1,31,33,33,31,1	1
Cross Section Configuration Height	CSCHLn	Yes				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,33,1,1,33,31,33,1,31,1,31,33	1
Cross Section Configuration Width	CSCWLn	No				31,1,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,1,33,31,1,31,33	1
Data Sensitivity Level	DatSenLeLn	Yes	Unrestricted	Restricted,Unrestricted		33,31,1,33,1,31	1
Feature Type	FeatTypeLn	Yes	Segment	Segment		1,33,31	1
Is Encased	IsEncLn	Yes	No	No,Yes		31,1,33,33,1,31	1
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,33,1,1,33,31	0
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,33,1,1,33,31	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Material	MatLn	Yes		ABS - Acrylonitrile Butadiene Styrene,Aluminum,Asbestos Cement,Asphalt,Brick,Ceramic,Clay,Coaxial Cable,Composite,Concrete,Copper,Corrugated Metal,Corrugated Plastic,Creosote,Ductile Iron,Earthen,Fiber Optic,Fiber or Glass,Fiberglass,Galvanized Steel,Geotextile,Gravel,HDPE - High Density Polyethylene,Iron,Manufactured,Metal,Other,PE - Polyethylene,Pitch Fiber,Plastic,PP - Polypropylene,Precast Concrete,Pressure Treated,PS - Polystyrene,PVC - Polyvinyl Chloride,PVC-Polyvinyl Chloride,Reinforced Concrete,Rock,Sand,Steel,Tile,Transite,Unknown,Vitrified Clay,Wood,Wrapped Steel	,Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Asphalt,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC-Polyvinyl Chloride,Transite,Compo,PVC,PVC - Polyvinyl Chloride,Creosote,Manufactured,Pressure Treated	31,31,1,1,33,33,33,33,1,1,31,31,33,1,1,31,31,31,31,1,1,1,33,33,33,31,31,31,31,31,1,1,1,1,1,1,33,33,33,33,33,33,1,33,31,31,33,1,33,33,31,31,1,1,1,31,33,33,31,1,1,1,31,31,33,33,31,1,33,33,33,33,33,33,33,1,1,1,1,1,1,1,31,31,31,31,31,31,31,33,1,33,1,31,31,31,31,1,1,33,33,1,31,1,33,33,3,31,31,1,31,31,1,33,1,33,1,33,33,1,31,31,31,31,31,31,31,33,33,33,33,33,33,1,1,33,33,33,1,1,33,33	1
Number of Conduits	NCondLn	No	1			31,1,33	0
Operational Status	OperatLn	No	In Service			31,1,33	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,31,33,1,33,1,31,1,33,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Chemical,Combined Sewer,Compressed Air,Cooling and Heating,Crude Oil,Gasoline,Hybrid Power,Irrigation,Natural Gas,None,Non-Potable Water,Other,Petroleum and Gaseous Materials,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Storm Water,Unknown,Water	Cooling and Heating,Other,Slurry,,Combined Sewer,Irrigation,None,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hybrid Power,Hydrogen Sulfide,Natural Gas,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,3,33,1,1,33,3,31,33,1,31,3,3,31,1,33,33,33,1,1,31,31,3,3,33,1,3,31,31,3,1,33,31,31,31,31,3,3,3,33,33,33,33,3,1,1,1,1,3,31,3,3,33,33,1,1,3,31,33,1,1,33,31,3,1,1,33,33,3,3,31,31	1
Pole							
Cross Section Configuration	CSCLn	Yes		Circular,Ellipse,Other,Outside,Rectangular	Inside,Outside,	31,1,33,33,1,31,31,31,31,31,1,1,1,1,33,33,33,33	1
Cross Section Configuration Height	CSCHLn	No				31,1,33	1
Cross Section Configuration Height Units	CSCHULn	No	ft	cm,ft,in,m		31,1,33,33,1,31	1
Cross Section Configuration Length	CSCLLn	No				31,1,33	1
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		31,33,1,1,33,31,1,31,33	1
Cross Section Configuration Width	CSCWLn	No				31,33,1	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33,1,33,31	1
Data Sensitivity Level	DatSenLeLn	Yes		Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Support Structure	Support Structure		1,33,31	1
Material	MatLn	Yes	Unknown	Aluminum,Composite,Concrete,Creosote,Fiber or Glass,Fiberglass,Galvanized Steel,Manufactured,Metal,Other,Precast Concrete,Pressure Treated,Reinforced Concrete,Steel,Unknown,Wood	,Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,Creosote,Manufactured,Pressure Treated	31,1,33,33,33,33,1,1,1,31,31,31,1,33,1,31,33,33,1,1,31,31,31,31,1,1,1,33,33,31,33,1,33,31,1,1,33,31,1,31,33,31,1,1,31,33,33,1,1,1,33,33,33,33,33,31,1,31,31,31,1,31,31,1,1,1,1,33,33,33,33,33,33,1,1,33,31,31	1
Operational Status	OperatLn	Yes	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,1,31,33,33,31,1	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	Yes	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,33,31,1,31,33,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,1,33,31,31,33,1,33,1,31,33,31,1,31,1,33,1,1,33,33,31,31	1
Pull Box							
Conveyance Category	ConvCatLn	No	Unknown	Distribution,Gathering,Service,Transmission,Unknown		33,31,1,1,31,33	0
Conveyance Method	ConvMetLn	No	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,1,31,33,33,1,31,1,33,31,33,31,1	0
Cross Section Configuration Height	CSCHLn	No				NULL	0
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33	0
Cross Section Configuration Length	CSCLLn	No				31,1,33	0
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in		NULL	0
Cross Section Configuration Width	CSCWLn	No				NULL	0
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in		31,1,33,1,33,31	0
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	0
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1
Material	MatLn	No	Unknown	ABS - Acrylonitrile Butadiene Styrene,Aluminum,Brick,Clay,Composite,Concrete,Earthen,Galvanized Steel,HDPE - High Density Polyethylene,Metal,Other,PE - Polyethylene,Plastic,PP - Polypropylene,Precast Concrete,PS - Polystyrene,PVC - Polyvinyl Chloride,Reinforced Concrete,Rock,Steel,Tile,Transite,Unknown,Vitrified Clay	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Aluminum,Coaxial Cable,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,31,31,1,1,33,33,31,31,31,1,1,1,33,33,33,33,33,33,33,1,1,1,1,31,31,31,31,1,33,31,1,31,33,33,31,1,33,33,33,33,31,31,31,31,31,1,1,1,1,1	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,33,31,1,1,31,33	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,31,33,1,1,33,31,33,1,31,31,1,33,33,31,1,1,31,33,1,1,33,33,31,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Pump							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,33,1,33,1,31	0
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Unknown	Metal,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,	1,31,33,31,1,33,33,1,31,33,33,1,1,31,31,1,33,31	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,31,1,33,1,31,33,33,31,1	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Aboveground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31,1,31,33	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Compressed Air,Cooling and Heating,Crude Oil,Gasoline,Hybrid Power,Irrigation,Natural Gas,None,Non-Potable Water,Other,Petroleum and Gaseous Materials,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Storm Water,Unknown,Water	,Combined Sewer,Cooling and Heating,Irrigation,None,Other,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hybrid Power,Hydrogen Sulfide,Natural Gas,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,33,1,1,33,31,33,31,1,1,31,33,31,1,33,31,31,31,33,33,33,1,1,1,31,31,33,33,1,1	1
Push Brace							
Cross Section Configuration	CSCLn	Yes	Other	Other,Outside,Rectangular	Inside,Outside,	31,1,33,33,1,31,31,31,1,1,33,33	0
Cross Section Configuration Height	CSCHLn	No				NULL	0
Cross Section Configuration Height Units	CSCHULn	No	ft	cm,ft,in,m		31,1,33,33,1,31	0
Cross Section Configuration Length	CSCLLn	No				31,1,33	0
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		NULL	0
Cross Section Configuration Width	CSCWLn	No				NULL	0
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33,1,33,31	0
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	0
Feature Type	FeatTypeLn	Yes	Support Structure	Support Structure		1,33,31	1
Material	MatLn	Yes	Unknown	Aluminum,Composite,Concrete,Creosote,Fiber or Glass,Fiberglass,Galvanized Steel,Manufactured,Metal,Other,Precast Concrete,Pressure Treated,Reinforced Concrete,Steel,Unknown,Wood	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,Creosote,Manufactured,Pressure Treated	31,1,33,33,1,1,1,33,33,31,31,31,33,31,1,1,31,33,33,33,1,1,31,31,31,31,1,1,33,33,33,1,31,1,33,33,31,31,33,1,31,1,31,1,33,33,1,33,1,1,1,33,33,33,31,31,31,31,1,31,31,31,31,33,33,33,33,1,1,1,33,1,1,1,1,33,33,31,31	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		NULL	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,33,31,1,31,33,33,1,31	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,1,33,31,31,33,1,33,1,31,31,1,33,31,31,1,1,33,33,33,33,1,1,31,31	1
Riser							
Cross Section Configuration	CSCLn	Yes	Circular	Circular,Inside,Outside	Inside,Outside,	1,33,31,31,33,1	1
Cross Section Configuration Width	CSCWLn	No				1,31,33	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		1	1
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	0
Feature Type	FeatTypeLn	Yes	Encasement	Encasement,Segment		1,33,31,31,33,1	0
Is Encased	IsEncLn	No	No	No,Yes		31,1,33,33,1,31	0
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,1,33,33,1,31	0
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,1,33,33,1,31	0
Material	MatLn	Yes		Styrene,Aluminum,Composite,Copper,Corrugated Metal,Corrugated Plastic,Ductile Iron,Fiber or Glass,Fiberglass,Galvanized Steel,HDPE - High Density Polyethylene,Iron,Metal,Nickel,Other,PE - Polyethylene,Plastic,PP - Polypropylene,PS - Polystyrene,PVC - Polyvinyl Chloride,Steel,Titanium,Transite,Unknown,Wrapped Steel	Ceramic,Coaxial Cable,Composite,Fiber Optic,Fiberglass,Geotextile,Other,Pitch Fiber,Unknown,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,31,31,1,1,33,33,1,31,33,33,31,1,33,33,31,31,1,1,1,1,31,31,33,33,33,33,1,1,31,31,33,33,33,1,1,1,1,31,31,31,31,1,33,31,31,31,31,1,1,1,33,33,33	1
Operational Status	OperatLn	No	In Service			31,1,33	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,33,31,1,31,33,33,1,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,3,3,33,33,1,1,1,31,3,33,33,3,31,1,3,1,33,31,31,33,1,3,31,3,33,1,1,33,3,31,33,1,3,31,3,31,33,1,1,33,31,3,3,33,31,1,1,33,33,3,3,31,31	1
Service Box							
Conveyance Category	ConvCatLn	No	Unknown	Distribution,Gathering,Service,Transmission,Unknown		33,31,1,1,31,33	0
Conveyance Method	ConvMetLn	No	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,1,31,33,33,1,31,1,33,31,33,31,1	0
Cross Section Configuration Height	CSCHLn	No				NULL	0
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		31,1,33,1,33,31,31,33,1	0
Cross Section Configuration Length	CSCLLn	No				31,1,33	0
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in		NULL	0
Cross Section Configuration Width	CSCWLn	No				NULL	0
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in		31,1,33,33,31,1,1,31,33	0
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	0
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Material	MatLn	No	Unknown	ABS - Acrylonitrile Butadiene Styrene,Aluminum,Brick,Clay,Composite,Concrete,Earthen,Galvanized Steel,HDPE - High Density Polyethylene,Metal,Other,PE - Polyethylene,Plastic,PP - Polypropylene,Precast Concrete,PS - Polystyrene,PVC - Polyvinyl Chloride,Reinforced Concrete,Rock,Steel,Tile,Transite,Unknown,Vitrified Clay	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Aluminum,Coaxial Cable,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,31,31,1,1,33,33,31,31,31,1,1,1,33,33,33,1,31,33,33,31,1,31,33,1,31,33,1,31,31,1,33,33,1,1,1,1,1,31,31,31,31,33,33,33,33,33,33,33,33,1,1,1,1,31,31,31,31,31	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,33,31,1,1,31,33	0
Owner	OwnerLn	Yes				31,33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,33,1,31,31,1,33,1,33,31,31,33,1,33,31,1,1,31,33,1,1,33,33,31,31	1
Stub Out							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Unknown	Metal,Plastic,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,1,33,31,33,1,31,33,1,1,33,31,31,1,31,33,33,31,1	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,33,1,1,33,31,31,1,33	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Underground		31,1,33,33,1,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Electric,Non-Potable Water,Petroleum and Gaseous Materials,Potable Water,Unknown,Water	Alarm,Alternating Current,Direct Current,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Combined Sewer,Cooling and Heating,Irrigation,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hydrogen Sulfide,Natural Gas,,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,33,1,1,33,31,33,31,1,1,31,33,33,1,31,33,31,33,31,1,1,31,1,33	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Tank							
Cross Section Configuration Height	CSCHLn	No				NULL	0
Cross Section Configuration Height Units	CSCHULn	No	ft	cm,ft,in,m		31,1,33,1,31,33,1,33,31	0
Cross Section Configuration Length	CSCLLn	No				31,1,33	0
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in		NULL	0
Cross Section Configuration Width	CSCWLn	No				NULL	0
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in		31,1,33,1,33,31,31,33,1	0
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		33,31,1,33,1,31	0
Feature Type	FeatTypeLn	Yes	Containing Structure	Containing Structure		1,33,31	1
Material	MatLn	No	Unknown	Aluminum,Brick,Clay,Composite,Concrete,Corrugated Metal,Earthen,Galvanized Steel,Metal,Other,Plastic,Reinforced Concrete,Rock,Steel,Tile,Unknown,Vitrified Clay	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Aluminum,Coaxial Cable,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,33,1,1,31,31,33,33,1,31,31,1,33,1,31,31,33,1,33,31,1,1,31,33,1,33,31,31,33,33,1,1,31,1,31,31,31,1,1,33,33,33,1,31,31,31,31,33,33,33,1,1,1,33	1
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,1,31,33,1,33,31,31,33,1	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,33,31,1,33,1,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Chemical,Combined Sewer,Compressed Air,Cooling and Heating,Crude Oil,Gasoline,Hybrid Power,Irrigation,Natural Gas,None,Non-Potable Water,Other,Petroleum and Gaseous Materials,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Unknown	Cooling and Heating,Other,Slurry,,Combined Sewer,Irrigation,None,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hybrid Power,Hydrogen Sulfide,Natural Gas	31,33,1,1,33,31,33,31,1,1,31,33,33,33,31,31,1,1,33,1,31,31,1,33,1,1,1,1,31,31,31,31,33,33,33,33,31,1,1,33,33,1,1,33,33,31,31	1
Tower							
Cross Section Configuration	CSCLn	Yes	Circular	Circular,Other,Outside,Rectangular	Inside,Outside,	31,1,33,33,1,31,31,31,31,1,1,1,33,33,33,1,31,33,33,31,1	0
Cross Section Configuration Height	CSCHLn	No				NULL	0
Cross Section Configuration Height Units	CSCHULn	No	ft	cm,ft,in,m		31,1,33,33,1,31,1,33,31	0
Cross Section Configuration Length	CSCLLn	No				31,1,33	0
Cross Section Configuration Length Units	CSCLULn	No	in	cm,ft,in,m		NULL	0
Cross Section Configuration Width	CSCWLn	No				NULL	0
Cross Section Configuration Width Units	CSCWULn	No	ft	cm,ft,in,m		31,1,33,1,31,33,1,33,31,33,1,31	0
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		33,31,1,33,1,31	0
Feature Type	FeatTypeLn	Yes	Support Structure	Support Structure		1,33,31	1

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Material	MatLn	Yes	Unknown	Aluminum,Composite,Concrete,Creosote,Galvanized Steel,Manufactured,Metal,Other,Precast Concrete,Pressure Treated,Reinforced Concrete,Steel,Unknown,Wood	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Aluminum,Coaxial Cable,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,Creosote,Manufactured,Pressure Treated	31,1,33,33,33,1,1,31,31,1,33,31,1,31,33,1,33,1,31,33,31,1,31,31,33,33,1,1,1,31,33,33,33,1,1,1,31,31,31,33,31,31,31,31,33,33,1,1,1,1,33,33,33,1,1,33,31,31	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		NULL	0
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31,1,33,31	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Alarm,Alternating Current,Cable Television,Communication,Direct Current,Electric,Fiber Optic,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Unknown	,Alarm,Cable Television,Fiber Optic,Other,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None	31,31,33,33,1,1,1,31,33,33,31,1,31,33,1,33,1,31,31,1,33,1,33,31,33,33,31,31,1,1,1,1,31,31,33,33	1
Transformer							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Metal	Metal,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel	31,1,33,33,1,31,1,33,31,31,31,33,33,1,1,31,33,1,33,31,1	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,33,31,1,1,31,33	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,1,33,31,31,33,1	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes	Electric	Electric	Alarm,Alternating Current,Direct Current,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System	31,33,1,1,33,31,33,1,31,31,1,33	1
Unknown							
Conveyance Category	ConvCatLn	No	Unknown	Distribution,Gathering,Service,Transmission,Unknown		31,1,33,33,1,31	0
Conveyance Method	ConvMetLn	No	Unknown	Force Main,Gravity,High Pressure,High Voltage,Intermediate High Pressure,Low Pressure,Low Voltage,Not Applicable,Unknown		31,1,33,33,1,31,1,31,33,33,31,1	0
Cross Section Configuration	CSCLn	Yes	Circular	Circular,Conduit Bundle,Ellipse,Inside,Other,Outside,Rectangular	Inside,Outside	31,33,1,1,33,31,1,1,33,33,33,33,33,1,1,1,31,31,31,31,31,1,33,33,1,31,31,31,31,31,1,1,1,33,1,1,33,33,33,33	1
Cross Section Configuration Height Units	CSCHULn	No	in	cm,ft,in,m		NULL	1
Cross Section Configuration Width	CSCWLn	No				NULL	1
Cross Section Configuration Width Units	CSCWULn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,31,33,1,33,31	1
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Feature Type	FeatTypeLn	Yes		Access point,Containing Structure,Device,Encasement,Segment,Support Structure		1,33,31,31,33,1,33,1,31,1,31,33	0
Is Encased	IsEncLn	No	No	No,Yes		31,1,33,33,1,31	0
Is Encased Is Filled	IsEncFiLn	No	No	No,Yes		31,33,1,1,33,31	0
Is Encased Is Filled Fill Material	IsEncFiMLn	No		Flow Fill,Foam,Grout,Sand,Unknown		31,1,33,33,1,31	0
Material	MatLn	Yes		ABS - Acrylonitrile Butadiene Styrene,Aluminum,Asbestos Cement,Brick,Ceramic,Clay,Coaxial Cable,Composite,Concrete,Copper,Corrugated Metal,Corrugated Plastic,Creosote,Ductile Iron,Earthen,Fiber Optic,Fiber or Glass,Fiberglass,Galvanized Steel,Gravel,HDPE - High Density Polyethylene,Iron,Manufactured,Metal,Other,PE - Polyethylene,Plastic,PP - Polypropylene,Precast Concrete,Pressure Treated,PS - Polystyrene,PVC - Polyvinyl Chloride,Reinforced Concrete,Rock,Sand,Steel,Tile,Transite,Unknown,Vitrified Clay,Wood,Wrapped Steel	Asbestos Cement,Brick,Composite,Concrete,Other,Precast Concrete,Reinforced Concrete,Tile,Unknown,Canvas,Clay,Gravel,Rock,Sand,Stone,Terracotta,Vitrified Clay,Ceramic,Coaxial Cable,Fiber Optic,Fiberglass,Geotextile,Pitch Fiber,Aluminum,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Steel,Titanium,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite,Creosote,Manufactured,Pressure Treated	31,1,33,33,1,31,33,33,1,1,31,31,1,33,33,33,33,1,1,1,1,31,31,31,31,33,31,33,1,1,33,33,31,31,33,31,31,1,1,33,33,31,31,33,1,1,31,1,1,1,1,1,1,31,31,31,31,33,33,33,33,33,33,33,33,33,33,33,33,1,1,1,1,1,1,1,31,31,31,33,33,1,1,33,31,1,1,33,33,31,31,33,1,1,1,31,33,33,1,33,1,1,33,33,31,31,31,31,31,31,33,33,31,1,1,31	1
Number of Conduits	NCondLn	No	N/A			31,1,33	0
Operational Status	OperatLn	No	In Service			31,1,33	0
Underground Status	UndStatLn	No		Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,31,33,1,33,1,31,1,31,33	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	No		Alarm,Alternating Current,Cable Television,Chemical,Combined Sewer,Communication,Compressed Air,Cooling and Heating,Crude Oil,Direct Current,Electric,Fiber Optic,Gasoline,Hybrid Power,Irrigation,Natural Gas,None,Non-Potable Water,Other,Petroleum and Gaseous Materials,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Storm Water,Street Lighting,Telephone,Traffic System,Unknown,Water	,Cooling and Heating,Other,Slurry,Alarm,Cable Television,Fiber Optic,Street Lighting,Telephone,Traffic System,Unknown,Alternating Current,Direct Current,Hybrid Power,None,Combined Sewer,Irrigation,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hydrogen Sulfide,Natural Gas,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,31,33,33,1,1,33,31,1,1,31,33,1,33,31,31,33,1,1,1,31,31,33,33,33,33,33,33,33,33,33,33,33,33,1,1,1,1,33,1,31,31,1,33,33,31,1,1,33,33,31,31,1,1	1
Wall Thickness	WallThLn	No				31,1,33	0
Wall Thickness Units	WallThLn	No	in	cm,ft,in,m		31,1,33,33,1,31,1,33,31,1,31,33	0
Valve							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		33,31,1,33,1,31	1
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Unknown	Metal,Plastic,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,31,1,31,33,1,1,33,31,33,33,1,1,31,31,33,1,1,31,31,33,1,31,1,31,33	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Underground	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,33,1,31,1,33,31	1
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Combined Sewer,Cooling and Heating,Irrigation,None,Non-Potable Water,Other,Petroleum and Gaseous Materials,Potable Water,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Storm Sewer,Unknown,Water	,Combined Sewer,Cooling and Heating,Irrigation,None,Other,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hybrid Power,Hydrogen Sulfide,Natural Gas,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,33,1,33,1,31,33,31,1,1,31,33,1,33,31,31,1,33,33,31,31,1,33,1	1
Vent							
Data Sensitivity Level	DatSenLeLn	No	Unrestricted	Restricted,Unrestricted		31,1,33,33,1,31	1
Feature Type	FeatTypeLn	Yes	Device	Device		1,33,31	1
Material	MatLn	No	Unknown	Metal,Plastic,Unknown	Aluminum,Coaxial Cable,Composite,Copper,Corrugated Metal,Ductile Iron,Galvanized Steel,Iron,Nickel,Other,Steel,Titanium,Unknown,Wrapped Steel,ABS - Acrylonitrile Butadiene Styrene,Compo,Corrugated Plastic,HDPE - High Density Polyethylene,PE - Polyethylene,PP - Polypropylene,PS - Polystyrene,PVC,PVC - Polyvinyl Chloride,Transite	31,1,33,33,1,31,33,33,1,1,31,31,1,31,33	0
Operational Status	OperatLn	No	In Service	Abandoned in Place,Backup,In Service,Out of Service,Proposed,Removed,Under Construction,Unknown		31,1,33,33,1,31,33,31,1,1,31,33	1
Owner	OwnerLn	Yes				33	0
Underground Status	UndStatLn	No	Mixed (Above and Below Surface)	Aboveground,Mixed (Above and Below Surface),Submerged,Underground		31,1,33,1,31,33,1,33,31,31,33,1	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	Yes		Electric,Non-Potable Water,Petroleum and Gaseous Materials,Potable Water,Water	Alarm,Alternating Current,Direct Current,Hybrid Power,None,Other,Street Lighting,Telephone,Traffic System,Combined Sewer,Cooling and Heating,Irrigation,Raw,Raw Water,Reclaimed Water,Recycled Water,Salt,Salt Water,Slurry,Steam,Carbon Dioxide (CO2),Chemical,Compressed Air,Crude Oil,Gas,Gasoline,Hydrogen Sulfide,Natural Gas,Non-Potable Water,Potable Water,Sanitary Sewer,Storm Sewer,Storm Water	31,33,1,1,33,31,33,1,31,31,1,33,1,33,33,31,1,31	1
Design Point	Point ID						
Cross Section Configuration Width Units	CSCWULn	No				NULL	0
Feature Type	FeatTypeLn	No				NULL	0
Inside Diameter/Width		No				NULL	0
Material	MatLn	No				NULL	0
Underground Status	UndStatLn	No				NULL	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	No				NULL	0

	Field Name/CompLn	Required for Completion?	Default Value For Completion?	ConcatAttribute 1	ConcatAttribute 2	Node Type For Completion	Simple Insert For Completion
Utility							
Cross Section Configuration Width Units	CSCWULn	No				NULL	0
Feature Type	FeatTypeLn	No				NULL	0
Inside Diameter/Width		No				NULL	0
Material	MatLn	No				NULL	0
Underground Status	UndStatLn	No				NULL	0
Utility Type/Subtype	UtilTypLn/ UtilTypSLn	No				NULL	0