

Table TransitRoute

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
RouteID	GUID	Yes			0		
RouteType	Short Integer	Yes		RtTypes	0		
RouteName	String	Yes					12

Transit route
 Identifier of route
 Type of transit route
 Name of route

Table Trip

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TripID	GUID	Yes			0		
BlockID	GUID	Yes			0		
PatternID	GUID	Yes			0		
StartTime	Date	Yes					
EndTime	Date	Yes					
IsRevenue	Short Integer	Yes	TrueFalse		0		

Trip (time of pattern occurrence)
 Identifier of trip
 Identifier of block
 Identifier of pattern
 Starting time of trip
 Ending time of trip
 Indicates revenue trip

Table Block

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
BlockID	GUID	Yes			0		
StartTime	Date	Yes					
EndTime	Date	Yes					

Block of trips
 Identifier of block
 Starting time of block
 Ending time of block

Table PieceOfWork

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
PieceOfWorkID	GUID	Yes			0		
TripID	GUID	Yes			0		
VehicleID	GUID	Yes			0		
EmployeeID	GUID	Yes			0		
StartTime	Date	Yes					
EndTime	Date	Yes					

Piece of work
 Identifier of piece of work
 Identifier of trip
 Identifier of vehicle used
 Identifier of driver
 Starting time of trip
 Ending time of trip

Table Bus

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
BusID	GUID	Yes			0		
BusType	Short Integer	Yes		BusTypes	0		
FleetID	GUID	Yes			0		
VIN	String	Yes					20
DateAcquired	Date	Yes					
InServiceDate	Date	Yes					
ManufacturerID	Short Integer	Yes		Manufact	0		
ModelYear	Short Integer	Yes			0		16
Model	String	Yes					
OriginalCost	Double	Yes			7	0	
PresentValue	Double	Yes			7	0	
Condition	Short Integer	Yes		Conditions	0		
PassCapacity	Short Integer	Yes			0		
HasBikeRack	Short Integer	Yes	TrueFalse		0		
HasWheelchairAcc	Short Integer	Yes	TrueFalse		0		
AVLID	String	Yes			0		

Transit bus
 Identifier of a bus
 Type of bus
 Identifier of bus fleet
 Vehicle identification number
 Date bus was acquired
 Date bus put into service
 Identifier of manufacturer
 Model year
 Model name
 Original purchase cost
 Present value of bus
 Serviceability condition
 Passenger capacity
 Has bike rack?
 Has wheelchair accessibility?
 Identifier of AVL unit

Simple feature class AVLPoint

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
AVLID	GUID	No			0		
VehicleType	Short Integer	Yes	1	VehicleTypes	0		
TimeObserved	Date	Yes					
IsActive	Short Integer	Yes	TrueFalse		0		
GeoPositionID	GUID	Yes			0		

Vehicle tracking features
 Identifier of AVL transmitter
 Type of transit vehicle
 Time location observation was made
 Indicates whether AVL beacon is active
 Geographic location of vehicle

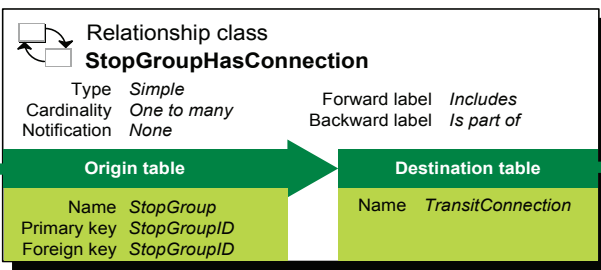


Table StopGroup

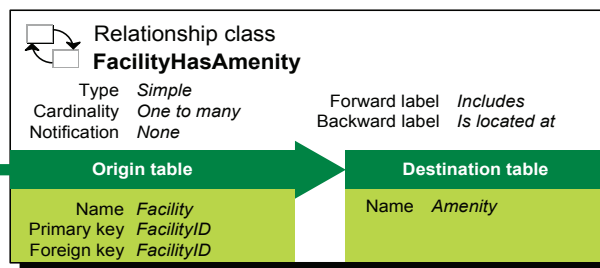
Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
StopGroupID	GUID	Yes			0		
StopGroupType	Short Integer	Yes		StopGroups	0		
Description	String	Yes					60
FacilityID	GUID	Yes			0		

Stop groups
 Identifier of stop group
 Type of stop group
 Stop group description
 Identifier of facility

Simple feature class Facility

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
FacilityID	GUID	Yes			0		
FacilityType	Short Integer	Yes		Facilities	0		
FacilityName	String	Yes					32
Description	String	Yes					60
InServiceDate	Date	Yes					
PresentValue	Double	Yes			7	0	
OriginalCost	Double	Yes			7	0	
Condition	Short Integer	Yes		Conditions	0		
Shape_Length	Double	Yes			0	0	
Shape_Area	Double	Yes			0	0	

Facility features
 Identifier of the facility
 Type of facility
 Facility name
 Facility description
 Date facility put into service
 Present value of facility
 Original cost of facility
 Serviceability condition



Simple feature class Pattern

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
PatternID	GUID	Yes			0		
RouteID	GUID	Yes			0		
PatternTime	Double	Yes			7	2	
PatternLength	Double	Yes			7	2	
Shape_Length	Double	Yes			0	0	

Transit pattern features
 Identifier of pattern
 Identifier of route
 Length of pattern, in minutes
 Length of pattern, in miles

Table PatternTimePoint

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
PatternTimePointID	GUID	Yes			0		
PatternID	GUID	Yes			0		
TimePointID	GUID	Yes			0		
TimeFromStart	Double	Yes			7	2	

Location of time point along pattern
 Identifier of pattern time point
 Identifier of pattern
 Identifier of time point
 Time along pattern (minutes)

Simple feature class TimePoint

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
TimePointID	GUID	No			0		
TimePointType	Short Integer	No	1	TPTypes	0		
TimePointName	String	Yes					32
TPDescription	String	Yes	4				60

Time points along a transit system
 Identifier of time point
 Type of time point
 Name of time point
 Description of time point

Table TimePointPosition

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TimePointPositionID	GUID	Yes			0		
TimePointID	GUID	Yes			0		
TransitSegmentID	GUID	Yes			0		
DistanceFromStart	Double	Yes					

Location of time points along transit segments
 Identifier of time point position
 Identifier of time point
 Identifier of transit segment
 Distance along segment

Simple feature class TransitSegment

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
TransitSegmentID	GUID	Yes			0		
TransitSegmentType	Short Integer	Yes		SegmentTypes	0		
StartConnectionID	GUID	Yes					32
EndConnectionID	GUID	Yes					32
TravelCost	Double	Yes			0	0	
CostUnit	Short Integer	Yes		CostUnits	0		
SegmentLength	Double	Yes			0	0	
LengthUnit	Double	Yes		CostUnits	0	0	
Shape_Length	Double	Yes			0	0	

Transit segment features
 Identifier of transit segment
 Type of transit segment
 Identifier of starting transit connection
 Identifier of ending transit connection
 Cost of travel down segment
 Unit of measure for cost
 Length of segment
 Unit of measure for length

Subtypes of TransitSegment

Subtype Code	Subtype Description	Field name	Default value	Domain
1	Bus segment			
2	Train segment			
3	Metro segment			
4	Non-revenue segment			
5	Walk segment			

Simple feature class TransitConnection

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
ConnectionID	GUID	No			0		
ConnectionType	Short Integer	No	1	ConnTypes	0		
ConnectionName	String	Yes					32
ConnectionOwner	Short Integer	Yes	4		0		
GeoPositionID	GUID	Yes			0		
AddressNumber	String	Yes					10
AddressStreet	String	Yes	1				30
AddressCommunity	String	Yes	4				20
IsEnabled	Short Integer	Yes	TrueFalse		0		

Transit facility connections
 Identifier of transit connection
 Type of transit connection
 Name of connection
 Owner of connection
 Geographic location of connection
 Numeric portion of situs address
 Street name portion of situs address
 Name of community
 Indicates feature's involvement in network

Subtypes of TransitConnection

Subtype Code	Subtype Description	Field name	Default value	Domain
1	Bus stop			
2	Train platform			
3	Metro stop			
4	Transit garage			

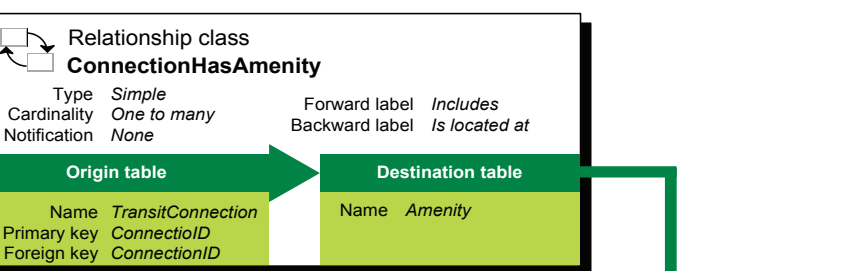


Table Amenity

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
AmenityID	GUID	Yes			0		
AmenityType	Short Integer	Yes		Amenities	0		
Description	String	Yes					60
DateAcquired	Date	Yes					
InServiceDate	Date	Yes					
SupplierID	Short Integer	Yes		Suppliers	0		
ManufacturerID	Short Integer	Yes		Manufact	0		
SerialNumber	String	Yes					16
PresentValue	Double	Yes			7	0	
OriginalCost	Double	Yes			7	0	
Condition	Short Integer	Yes		Conditions	0		

Amenities
 Identifier of an amenity
 Type of amenity
 Amenity description
 Date amenity was acquired
 Date amenity put into service
 Identifier of supplier
 Identifier of manufacturer
 Product serial number
 Present value of amenity
 Original purchase cost
 Serviceability condition

Coded value domain Amenities

Code	Description
1	Bench
2	Shelter
3	Trash can
4	System map
5	Water fountain
6	Ticket dispenser
7	ATM
8	Toilet

Coded value domain Conditions

Code	Description
1	New
2	Excellent
3	Good
4	Fair
5	Minimal acceptable
6	Substandard
7	Abandoned in place
8	Surplus

Coded value domain Facilities

Code	Description
1	Bus terminal
2	Train station
3	Metro station
4	Multimodal station
5	Garage
6	Flag station
9	Other

Coded value domain ConnTypes

Code	Description
1	Bus stop
2	Train platform
3	Metro stop
4	Transit garage

Coded value domain SegmentTypes

Code	Description
1	Bus segment
2	Train segment
3	Metro segment
4	Non-revenue segment
5	Walk segment

Coded value domain StopGroups

Code	Description
1	Street intersection
2	Bus bays
3	Metro platforms
4	