

Examples 1 and 2: Westchester Bee-Line Stop Inventory Record

[notation: tables are records of physical entities at Transit Facility/Stop; first column is the attribute name, second column is the value; **bolded** attributes signify mandatory fields]

- 1 Single transit stop on street Location and Transit Stop entities only
(Westchester Bee-Line StopID 39)

Location Table Definition

Location	Value
locationID	autonumber
locationDesc	BROADWAY SUBWAY IRT 1 & 9
featureType	TransitStop
city	NEW YORK CITY
county	BRONX
intersection	BROADWAY @ W 242ND ST
latitude	40.8905667
longitude	-73.8975833
relativeLocation.atStreet	W 242ND ST
relativeLocation.onStreet	BROADWAY
relativeLocation.placementRelativeToIntersection	Other
relativeLocation.streetSide	
zip	10471
creationDate	12/18/2003
modDate	12/18/2003
isGeneralized	no

Transit Stop Definition

Transit_Stop	comment	Value
address	address.addressNumber address.typePrefix address.streetName address.typeSuffix	BROADWAY
stopOwner		agencyID=WC
revisionNo		12/18/2003
locationID	(inherit from Location Table)	Autonumber
publicStopName	Happens to be same as Location.intersection	BROADWAY @ W 242ND ST
stopID		39

- 2 Single transit stop with amenities Location, Transit Facility with Amenities and Passenger Access Component, Transit Stop entities (Westchester Bee-Line StopID 39 with Amenity and Passenger Access Component records)

Transit Facility Definition

Transit_Facility	comment	Value
transitFacilityID	Assumes stopID or is assigned a regional stop identifier	39
locationID		Same as locationID for Transit Stop

facilityName	Assumes publicStopName	and Location Table
Owner	Assumes stopOwner	BROADWAY @ W 242ND ST
isPartOf		agencyID=WC
		no

Transit Stop Definition

Facility Plant Component Definition for Transit Stop

Facility_Plant_Component	comment	Value
facPCID	Assigned unique number	autonumber
transitFacilityID	Inherits transitFacilityID	39
plantCompID	Inherits Plant Component ID	Plant_Component.plantCompID
facPCDescription		

Plant Component Definition for Transit Stop

Plant_Component	comment	Value
plantCompID	Assigned unique number	autonumber
plantCompType		TransitStop
status	activationDate	12/18/2003
	deactivationDate	
	modificationDate	
	placementDate	
	statusTypeCode	
	history	Field survey
	revisionNo	12/18/2003
plantComponentDescription		

System Map Definition (example of a simple amenity)

Facility_Plant_Component for System Map

Facility_Plant_Component	comment	Value
facPCID	Assigned unique number	autonumber
transitFacilityID	Inherits transitFacilityID	39
plantCompID	Inherits Plant Component ID	Plant_Component.plantCompID
facPCDescription		

Plant Component Definition for System Map

Plant_Component	comment	Value
plantCompID	Assigned unique number	autonumber
plantCompType		Amenity
status	activationDate	12/18/2003
	deactivationDate	
	modificationDate	
	placementDate	
	statusTypeCode	
	history	Field survey
	revisionNo	12/18/2003
plantComponentDescription		

Amenity for System Map

Amenity	comment	Value
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amenityID	Assigned unique number	autonumber
plantCompID	Inherit from plantCompID	Plant_Component.plantCompID
amenityCode	System map = 12	systemmap
description		
revisionNo		12/18/2003

Shelter Definition (example of a complex amenity)

Facility_Plant_Component for Shelter

Facility_Plant_Component	comment	Value
facPCID	Assigned unique number	autonumber
transitFacilityID	Inherits transitFacilityID	39
plantCompID	Inherits Plant Component ID	Plant_Component.plantCompID
facPCDescription		

Plant Component Definition for Shelter

Plant_Component	comment	Value
plantCompID	Assigned unique number	autonumber
plantCompType		Amenity
status	activationDate	12/18/2003
	deactivationDate	
	modificationDate	
	placementDate	
	statusTypeCode	
	history	Field survey 12/18/2003
	revisionNo	12/18/2003
plantComponentDescription		

Amenity for Shelter

Amenity	comment	Value
amenityID	Assigned unique number	autonumber
plantCompID	Inherit from plantCompID	Plant_Component.plantCompID
amenityCode	Shelter = 12	shelter
description	Extended Attributes: Shelter ID Shelter Cond DOT Shelter Shelter Length Shelter Width Shelter Opening	No values
revisionNo		12/18/2003

Boarding Area Pad Definition (example of a Passenger Access Component)

Facility_Plant_Component for Concrete Pad

Facility_Plant_Component	comment	Value
facPCID	Assigned unique number	autonumber
transitFacilityID	Inherits transitFacilityID	39
plantCompID	Inherits Plant Component ID	Plant_Component.plantCompID
facPCDescription		

Plant Component Definition for ConcretePad

Plant_Component	comment	Value
plantCompID	Assigned unique number	autonumber
plantCompType		Amenity
status	activationDate	12/18/2003
	deactivationDate	
	modificationDate	
	placementDate	
	statusTypeCode	
	history	Field survey 12/18/2003
	revisionNo	12/18/2003
plantComponentDescription		

Passenger Access Component for Concrete Pad

Passenger Access	comment	Value
passAccessID	Assigned unique number	autonumber
plantCompID	Inherit from plantCompID	Plant_Component.plantCompID
accessLocationDesc		Stop area surface
accessibilityDesc	Null is assigned “unknown” From “Pad condition”	unknown
accessDirectionCode	Both direction = 0	0
passengerAccessCode	Define Passenger Access Type = Concrete Pad = 1	1
description	Pad Length Pad Width	

Passenger Access Type (for concrete pad)

Passenger Access Type	comment	Value
passAccessCode	Assigned unique number	1
passengerAccessDescription		Concrete pad

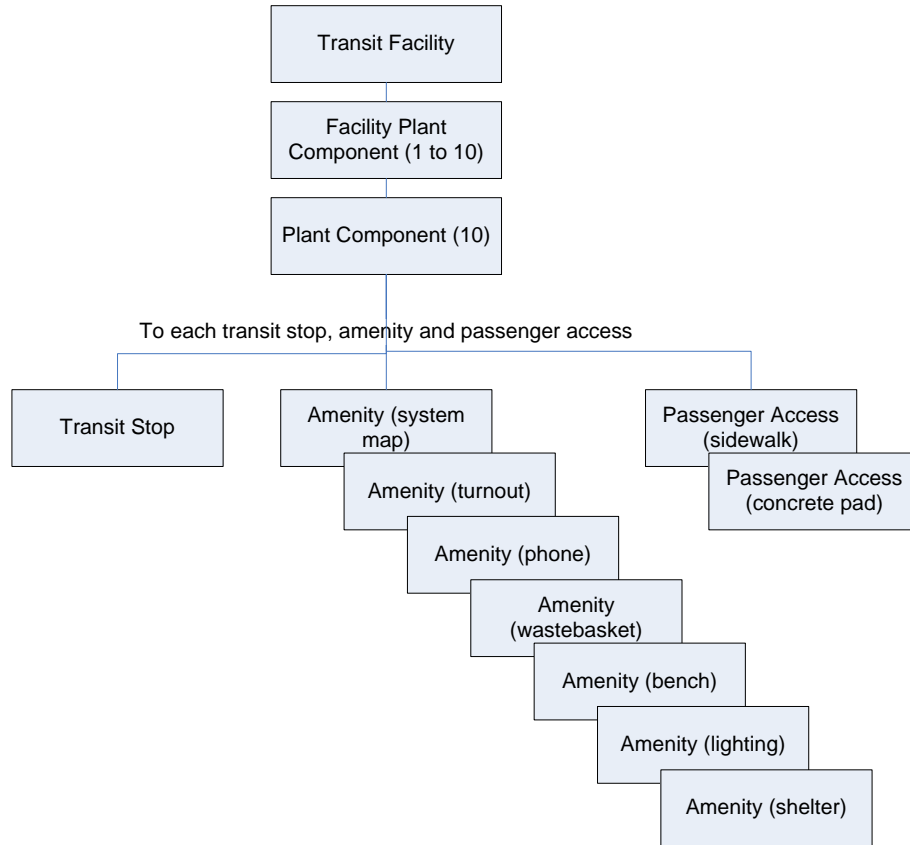


Figure 1: Organization of Stop ID 39 as a Transit Facility

Reference: Bee-Line Bus Stop Inventory Record

Table 1: Mapping of SDP Entities and Attributes to Bee-line Stop Inventory Record

#	Attribute	Value	SDP
1	STOP ID	39	Transit_Stop.stopID
2	MUN	Z NYC B	
3	STOP NAME	BROADWAY @ W 242ND	Location.intersection
	[TRAPEZE]	ST	Transit_Stop.publicStopName
	ON STREET	BROADWAY	Location.relativeLocation.onStreet
4	[spddroutename] [30] [TRIPS123]		Or Transit_Stop.relativeLocation.onStreet
	CROSS STREET	W 242ND ST	Location.relativeLocation.atStreet
5	[spddoadname] [30] [TRIPS123]		Or Transit_Stop.relativeLocation.atStreet
	LANDMARK	BROADWAY SUBWAY	Can use: Location.locationDesc
6	[spddlandmarkname] [34] [TRIPS123]	IRT 1 & 9	
	MUNICIPALITY	NEW YORK CITY	Location.city
7	[spddcityname] [30] [TRIPS123]		
	POST OFFICE	BRONX	Location.county
8	[spddcommunityname] [30] [TRIPS123]		
	ZIP CODE	10471	Location.zip
9	[spddpostalcode] [8] [TRIPS123]		
10	LONGITUDE	-73.8975833	Location.longitude
	[spddlongitude] [TRIPS123]		
11	LATITUDE	40.8905667	Location.latitude
	[spddlatitude] [TRIPS123]		
12			Location.relativeLocation.streetSide
2	OSB		
13		BROADWAY	Location.relativeLocation.onStreet
3	ON STREET		Or Transit_Stop.relativeLocation.onStreet
14			
4	OAX		
15		W 242ND ST	Location.relativeLocation.atStreet
5	CROSS STREET		Or Transit_Stop.relativeLocation.atStreet
16			---
6	OAL		
17		242ND ST SUBWAY	---
7	LANDMARK NAME	STATION	---
18			---
8	LANDMARK DESCRIPTION		---
19			---
9	LANDMARK ADDRESS		
20		39	Transit_Stop.stopID
0	BRTID		
21		BROADWAY	Location.relativeLocation.onStreet
1	BRTON		Or Transit_Stop.relativeLocation.onStreet
22		W. 242ND STREET	Location.relativeLocation.atStreet
2	BRTCROSS		Or Transit_Stop.relativeLocation.atStreet
23		IRT #1 & #9	
3	BRTLANDMARK		
24		Y	Amenity.statusInfo
4	SN		
25		MD	FacilityPlantComponent.locationDescription
5	PO		

2			Transit_Stop.address.number
6	ON STNO		
2			Transit_Stop.address.typePrefix
7	ON D		
2		BROADWAY	Transit_Stop.address.streetName
8	ON STREET NAME		
2			Transit_Stop.address.typeSuffix
9	ON FT		
3			
0	ON ROUTE		
3		W	Transit_Stop.address.number
1	CX D		
3	CROSS STREET NAME	242ND	Transit_Stop.address.directionPrefix
2			
3		ST	Transit_Stop.address.streetName
3	CX FT		
3			--- (part of pattern relationship)
4	CROSS ROUTE		
3	DOT NOTES ON NUMBERS AND PHOTOS		--
5			
3	BASE/411 PHOTO SETS	N/Y	--
6			
3		0039_on.jpg	--
7	411 SET ON PHOTO		
3	411 SET SIDE PHOTO	0039_side.jpg	--
8			
3		NO	--
9	IP STOP		
4		1,1C,1T,1W,2,3	--- (part of pattern relationship)
0	ROUTES SERVED		
4		1,1C,1T,1W,2,3	--- (part of pattern relationship)
1	ROUTES NB		
4			--- (part of pattern relationship)
2	ROUTES SB		
4			--- (part of pattern relationship)
3	ROUTES EB		
4			--- (part of pattern relationship)
4	ROUTES WB		
4		1	--- (part of pattern relationship)
5	1N		
4			--- (part of pattern relationship)
6	1S		
4		1	--- (part of pattern relationship)
7	1C N		
4			--- (part of pattern relationship)
8	1C S		
4		1	--- (part of pattern relationship)
9	1T N		
5			--- (part of pattern relationship)
0	1T S		
5		1	--- (part of pattern relationship)
1	1W N		
5			--- (part of pattern relationship)
2	1W S		
	etc...92N, 92S		--- (part of pattern relationship)

5		39	
3	URB STOP		
5		12/18/2003	Transit_Stop.revisionNO
4	DATE		(assume this is the field survey date?)
5		Y	*Amenity
5	BUS STOP SIGN		
5	CURRENT PHONE NUMBER	Y	
6			
5		Other	Location.relativeLocation.placementRelativetoInter
7	STOP POSITION		section
5	REGULATORY SIGN	N	*Amenity
8			
5			*Amenity
9	REG SIGN TYPE		
6		N	*Amenity
0	SYSTEM MAP		
6		N	*Amenity
1	TURNOUT		
6		Y	*Amenity
2	PHONE		
6		Y	*Amenity
3	WASTEBASKET		
6		0	*Amenity
4	BENCHES		
6		Y	*Amenity
5	LIGHTING		
6		N	*Amenity
6	SHELTER		
6			*Amenity
7	SHELTER ID		
6			*Amenity
8	SHELTER COND		
6			*Amenity
9	DOT SHELTER		
7			*Amenity
0	SHELTER LENGTH		
7			*Amenity
1	SHELTER WIDTH		
7			*Amenity
2	SHELTER OPENING		
7	STOP AREA SURFACE	Concrete	*Passenger Access Component
3			
7	CONCRETE PAD LENGTH		*Passenger Access Component
4			
7	CONCRETE PAD WIDTH		*Passenger Access Component
5			
7	CONCRETE PAD CONDITION		*Passenger Access Component (use Passenger_Access_Component.accessibiityDesc)
6			
7		Y	*Passenger Access Component
7	SIDEWALK		
7	SIDEWALK SURFACE	Concrete	*Passenger Access Component
8			
7		11	*Passenger Access Component
9	SIDEWALK WIDTH		
8	SIDEWALK CONDITION	Good	*Amenity
0			

8		2	*Amenity
1	CURBCUTS		
8	ADJACENT LAND USE	Open Space	*Amenity
2			
8			Na
3	URBITRAN NOTES		
8		1826	Na
4	W DAY ON		
8		4	Na
5	W DAY ON RANK		
8		0	Na
6	W DAY OFF		
8		9999	Na
7	W DAY OFF RANK		
8		1143	Na
8	SAT ON		
8		6	Na
9	SAT ON RANK		
9		0	Na
0	SAT OFF		
9		9999	Na
1	SAT OFF RANK		
9		775	Na
2	SUN ON		
9		1	Na
3	SUN ON RANK		
9		0	Na
4	SUN OFF		
9		9999	Na
5	SUN OFF RANK		
9		3744	Na
6	TOT ON		
9		3	Na
7	TOT ON RANK		
9		0	Na
8	TOT OFF		
9		9999	Na
9	TOT OFF RANK		