



BOSTON BICYCLE NETWORK DATA DICTIONARY

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This update contains bicycle facilities within the City of Boston that currently exist or are under construction. We derived road centerlines from the Massachusetts EOT Road centerline data set. Where necessary, we split or realigned road segments to increase accuracy. We derived off-road centerline segments from Massachusetts Area Planning Council trail data, City of Boston 2011 orthophotography, and community sources verified in the field.

DATA DICTIONARY

FIELD NAME	MEANING	VALUES	SOURCE
OBJECTID	Uniquely identifies the segment in ArcGIS		ArcGIS
Shape	ArcGIS geometry field	Polyline M	ArcGIS
STREET_NAM	Identifies the name of the street on which the segment lies	"[text]" = street or bike facility name <Null> = facility is not named or name is unknown	Street names: MassDOT Road Inventory Path names: MAPC trail data, City of Boston
ROADINVENT	A unique identifier for every segment within the Road Inventory file.	Number, varies	MassDOT Road Inventory Derived from the RoadSegment_ID, appended with an identifier starting with "00".



FIELD NAME	MEANING	VALUES	SOURCE
FUNCTIONAL	Identifies the functional classification of roadway	0 = Local 1 = Interstate 2 = Principal arterial 3 = Rural minor arterial 5 = Urban minor arterial or rural major collector 6 = Urban collector or rural minor collector	MassDOT Road Inventory
JURISDICTION	Identifies the owner of the roadway segment	0 = Unaccepted by city or town 1 = Massachusetts Highway Department 2 = City or Town accepted road 3 = Department of Conservation and Recreation 4 = Massachusetts Turnpike Authority 5 = Massachusetts Port Authority B = State College or University H = Private M = MBTA	MassDOT Road Inventory
Divided	Indicates whether a street is represented by two parallel centerlines. This representation is often, but not always, applied to roads with a center median.	1 = street represented by two parallel centerlines <Null> = street represented by one centerline	City of Boston
LTS	Indicated bicycle level of traffic stress (LTS). See Low-Stress Bicycle Networks at Pedestrian and Bicycle Information Center for more information about this metric. For bike facilities under construction, the score reflects the expected LTS upon completion.	1 = LTS 1 2 = LTS 2 3 = LTS 3 4 = LTS 4	City of Boston



FIELD NAME	MEANING	VALUES	SOURCE
InstallDat	Identifies the year when the bike facility was installed or most recently modified, if known. Modifications may include a change in facility type.	"#####" = install dates from 2008 to present* <Null> = install date unknown *Note: facilities with an install date of 2019 are under construction at the time of publication.	City of Boston
ExisFacil	Identifies the current bike facility type. See "Bicycle Facility Descriptions" below for further details.	BFBL = Buffered bike lane BL = Bike lane BSBL = Bus/bike lane CFBL = Contra-flow bike street CL = Climbing lane/hybrid NSUP = Shared use path, natural surface NW = Neighborway, marked NW, U = Neighborway, unmarked PSL = Priority shared lane markings SBL = Separated bike lane SBLBL = Separated bike lane on one side, bike lane on the opposite side SLM = Shared lane markings SRd = Shared road SUB = Shared use path bridge SUP = Shared use path TC = Traffic calmed street WALK = Walkway	City of Boston
Shape_Leng	Indicates the length of the segment	number, varies	ArcGIS



BICYCLE FACILITY DESCRIPTIONS

CODE	FACILITY TYPE	FACILITY DESCRIPTION	EXAMPLE
BFBL	Buffered bike lane	An exclusive lane for bicycle travel with a striped buffer zone adjacent to a vehicle travel lane or parking lane.	Seaver St, Roxbury
BL	Bike lane	An exclusive lane for bicycle travel.	Norfolk St, Mattapan & Dorchester
BSBL	Bus/bike lane	A lane for shared bus and bicycle travel. Motor vehicles are prohibited except where signed.	Washington St, South End
CFBL	Contraflow bike street	A quiet one-way street where bicycles are allowed to operate in both directions. This condition is indicated with signage and a bike lane to separate bicyclists from motor vehicles traveling in the opposite direction. A bike lane or shared lane markings may also be present in the direction of motor vehicle travel.	D St, South Boston
CL	Climbing lane/hybrid	A two-way street with a bike lane in one direction and a shared lane in the opposite direction. The shared lane is usually, but not always, marked with shared lane markings. The bike lane may be provided in the uphill direction on streets with steep grades.	Meridian St, East Boston



CODE	FACILITY TYPE	FACILITY DESCRIPTION	EXAMPLE
SBL	Separated bike lane	An exclusive lane for bicycle travel that is physically separated from motor vehicle traffic via flexposts, on-street parking, and/or raised curbs. Segments may have one-way separated bike lanes on both sides of the street, a two-way separated bike lane on one side of the street, two-way separated bike lanes on both sides of the street, or a combination thereof.	Columbus Ave, Roxbury
NW, NW-U	Neighborway, unmarked neighborway	<p>A quiet street that forms a link in the bicycle network. Bicycle priority is indicated with signage and shared lane markings. Traffic calming devices may be installed to reduce vehicle speeds.</p> <p>Unmarked neighborways are links in the bicycle network that have not been designated with shared lane markings, signage, or physical modifications to the roadway.</p>	Franklin Street, Allston Commonwealth Ave carriage roads, Allston
PSL	Priority shared lane markings	A lane with shared lane markings that are supplemented with dashed longitudinal lines and/or colored pavement to indicate bicycle priority.	Brighton Ave, Allston
SLM	Shared lane markings	A lane with shared lane markings indicating that bicycles and motor vehicles must share a travel lane.	Huntington Ave, Fenway
SRd	Shared street	A street designed for slow speeds with a single surface shared by all users. Motor vehicle access may be restricted entirely or during certain times of day.	Washington St, Downton Crossing
SUP, NSUP, SUB	Shared Use Path	A pathway shared by bicyclists and pedestrians. The pathway may be a paved or natural surface.	Neponset Trail, Dorchester



CODE	FACILITY TYPE	FACILITY DESCRIPTION	EXAMPLE
TC	Traffic Calming	A quiet street with raised traffic calming devices that provides neighborhood connections for bicyclists.	Southern Ave, Dorchester
WALK	Walkway	A walkway or footbridge that comprises a link in the bicycle network, usually by providing access to a shared use path. Posted signage indicates that users are intended to walk their bicycles.	Arthur Fiedler Footbridge, Back Bay