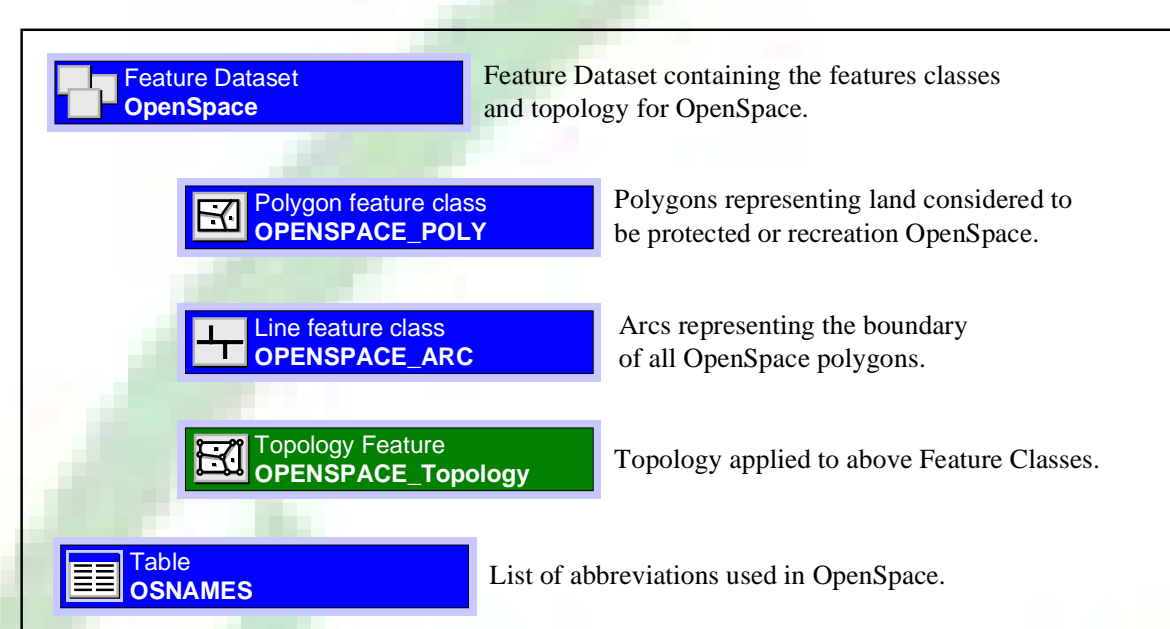


# MassGIS Protected & Recreation OpenSpace Schema

## Geodatabase Summary



Feature Class	Rule	Feature Class
OPENSACE_POLY	Must Not Overlap	OPENSACE_ARC
OPENSACE_ARC	Boundary Must Be Covered By	OPENSACE_POLY
OPENSACE_ARC	Must Be Covered By Boundary of	OPENSACE_POLY
OPENSACE_ARC	Must Not Overlap	
OPENSACE_ARC	Must Not Self-Overlap	
OPENSACE_ARC	Must Be Single Part	
OPENSACE_ARC	Must Not Have Dangles	
OPENSACE_ARC	Must Not Self-Intersect	

## Geodatabase Detail

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					
TOWN_ID	Short Integer	No	Town_01		0		
POLY_ID	Long Integer	No			128		
SITE_NAME	String	Yes					
FEE_OWNER	String	Yes			100		
OWNER_ABRV	String	Yes		OS_Type	20		
OWNER_TYPE	String	No			1		
MANAGER	String	Yes			100		
MANAGER_ABRV	String	Yes		OS_Type	20		
MANAGER_TYPE	String	Yes			1		
PRIM_PURP	String	No		OS_Primary_Purpose	1		
PUB_ACCESS	String	No		OS_Public_Access	1		
LEV_PROT	String	No		OS_Level_Protection	1		
OLL_1_ORG	String	Yes			20		
OLL_1_ABRV	String	Yes		OS_Type	20		
OLL_1_TYPE	String	Yes			1		
OLL_1_INT	String	Yes		OS_Interest_Type	20		
OLL_2_ORG	String	Yes			20		
OLL_2_ABRV	String	Yes		OS_Type	20		
OLL_2_TYPE	String	Yes			1		
OLL_2_INT	String	Yes		OS_Interest_Type	20		
OLL_3_ORG	String	Yes			20		
OLL_3_ABRV	String	Yes		OS_Type	20		
OLL_3_TYPE	String	Yes			1		
OLL_3_INT	String	Yes		OS_Interest_Type	20		
GRANTPROG1	String	Yes		OS_Projects	20		
GRANTPROG2	String	Yes		OS_Type	20		
GRANTPROG3	String	Yes		OS_Projects	20		
GRANTPROG4	String	Yes		OS_Type	20		
PROJ_ID1	String	Yes		OS_Type	1		
PROJ_ID2	String	Yes			20		
PROJ_ID3	String	Yes			20		
EDEA_INVOLV	Short Integer	Yes		OS_EDEA_Inv	0		
ARTICLE87	Short Integer	Yes		OS_ART87	0		
FY_FUNDING	Short Integer	Yes		FiscalYear	0		
BOND_ACCT	String	Yes			20		
GIS_ACRES	Double	No			0	0	10
CAL_DATE_R	String	Yes			0		20
DEED_ACRES	Double	Yes			0	0	10
OS_DEED_BOOK	Long Integer	Yes			0		20
OS_DEED_PAGE	Long Integer	Yes			0		20
ASSESS_ACRES	Double	Yes			0	0	10
ASSESS_MAP	String	Yes			128		
ASSESS_BK	String	Yes			10		
ASSESS_LOT	String	Yes			10		
ASSESS_SUB	String	Yes			10		
ALT_SITE_NAME	String	Yes			120		
ATT_DATE	Date	Yes			0	0	8
BASE_MAP	String	Yes			50		
SOURCE_MAP	String	Yes			50		
SOURCE_TYPE	String	Yes		OS_At_Source	10		
COMMENTS	String	Yes			255		
LOC_ID	String	Yes			15		
DCAM_ID	Long Integer	Yes			0		20
FEE5YM	String	Yes			20		
INT5YM	String	Yes			20		
OS_ID	String	No			9		
SHAPE	Geometry				0	0	
SHAPE_Length	Double				0	0	
SHAPE_Area	Double				0	0	

### All Protected and Recreational Open Space in Massachusetts

Unique code identifying the MA Town the polygon resides within. Unique code within a town to tag each polygon. Name of the site (May span multiple polygons). Owner or grantee of the land recognized by the polygon. Abbreviation of FEE\_OWNER key in OSNAMES table. Code specifying the classification of FEE\_OWNER. Manager of the property (only if different from FEE\_OWNER). Abbreviation of MANAGER key in OSNAMES table. Code specifying the classification of MANAGER. Code for why the land was protected/impoved. Code for legal (over physical) level of public access to the land. Code for the level of protection granted to the land. Entry holding a legal interest (1) on this land. Abbreviation of the OLL\_1\_ORG key in OS\_NAMES table. Code specifying the classification of the OLL\_1\_ORG. Entry holding a legal interest (2) on this land. Abbreviation of the OLL\_2\_ORG key in OS\_NAMES table. Code specifying the classification of the OLL\_2\_ORG. Entry holding a legal interest (3) on this land. Abbreviation of the OLL\_3\_ORG key in OS\_NAMES table. Code specifying the classification of the OLL\_3\_ORG. Code specifying what grant program was used on this property. Code specifying the classification of the GRANTRPROG1. Code specifying the classification of the GRANTRPROG2. ID code for parent (state use only). Second ID code for parent (state use only). Third ID code for parent (state use only). Code for level of EEA agency involvement. Is the parcel protected under Article 97 of MA Constitution? Fiscal Year project was completed (state use only). Bond account used for project (state use only). Average of polygons as calculated by GIS. Date last revision to data was recorded. Average of polygons as recorded in deed. The book that the deed was recorded in on CAL\_DATE\_REC. The page of OS\_DEED\_BOOK that the deed was recorded in. Average of polygons according to local assessor. Local Assessor's Map. Local Assessor's Block. Local Assessor's Lot. Local Assessor's Sublot. Alternate name of the site (may apply multiple polygons). Date attributes were last modified. Reconciliation map name type. Source map used to create the network/attributes. Code for type of ambient data source. Any further regulatory comment. Link to MassGIS Standard Parcel data (LOC\_ID). Link to DCAM values of state-owned land (ARCID). Code for mapping inventory. Code for mapping notes. Unique ID for feature class (TOWN\_ID, POLY\_ID).

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					
SHAPE	Geometry	Yes					
CODE	Short Integer	No	0	OS_Arc_Code	2		10
SOURCE_TYPE	Text	No	X	OS_Source	0		1
ARC_DATE	Date	Yes	1/1/1901		0	0	8
COMMENTS	Text	Yes			100		
DROPLINE	Text	Yes			10		
ARCID	Long Integer	No			7		10
Shape_Length	Double	Yes			0	0	

### Arcs that bound all OpenSpace

Feature arc to be considered with. Code for type of source or as derived from. Date of last edit to arc geometry. Any further regulatory comment. Any further regulatory comment. Any further regulatory comment for dropping line within state. Unique ID code for DBA use.

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID	No					
AGENCY	Text	Yes			100		
ABBREY	Text	Yes			8		
DEPT	Text	Yes			8		
SFO	Text	Yes		OS_Type	1		

### Table listing all abbreviations used in OpenSpace - used for populating attribute editing form.

Full use of entity's name. Abbreviation for entity. Internal table reference between MANAGER & FEE\_OWNER. Code specifying the classification of entity.

## Domains

Code	Description
F	Federal
S	State
C	County
M	Municipal
B	Public Non-Profit
L	Land Trust
O	Conservation Organization
N	Private Non-Profit
P	Private
O	Other
1	State vs. State Dispute
2	State vs. Non-Profit Dispute
3	State vs. Municipality Dispute
4	State vs. Private Dispute

Code	Description
P	Prevality
L	Land
N	None
X	Unknown

Code	Description
B	Biodiversity
C	Conservation
F	Flood Control
H	Historical/Cultural
O	Other
D	Deed
S	State (Official Designation Only)
U	Underwater
W	Water Supply
X	Unknown

Code	Description
NP	Digital Parcels (non-standard)
P1	Digital Parcels - Level I
P2	Digital Parcels - Level II
P3	Digital Parcels - Level III
DD	Deed
SV	Survey
PL	Plan
EDEA	EDEA / EEA Project (see Comments field)
RPA	Regional Planning Agency
US	USGS Topographic Map
TD	Trust
LT	Land Trust
DIG	Digital Data (exact source uncertain)
WEB	Website (official sites only)
V	Local volunteer
OS	Other Source (See Comments field)
X	Unknown
O	Other (see Comments field)
GA	Grant Application

Code	Description
1	Town of Arlington
2	Town of Acton
3	Town of Acushnet
4	Town of Adams
5	Town of Adams
6	Town of Adams
7	Town of Adams
8	Town of Adams
9	Town of Adams
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50	Town of Adams

Code	Description
SPH	Self Help
USH	Urban Self Help
LCF	Land and Water Conservation Fund
CRA	Community Preservation Act
SURF	Strategic Urban Recreation Facilities
ALA	Aquatic Land Acquisition
CP	Conservation Partnership Grant
DWSP	Drinking Water Supply Protection
FLA	Forest Legacy Area
SGTA	Smart Growth Technical Assistance

Code	Description
Y	Full Public Access
N	No Public Access
L	Limited Public Access
X	Unknown

Code	Description
CR	Conservation Restriction
APR	Agricultural Preservation Restriction
CAPR	Conservation / Agricultural Preservation Restriction
AGR	Aquatic Protection
HPR	Historic Preservation Restriction
EARE	Eastern (Official Restriction Only)
WR	Wetland Restriction
WRP	Wetlands Restoration Program
ROW	Right of Way
LH	Lease Holding
DR	Deed Restriction
LIC	License

Code	Description
0	No
1	Yes
9	Unknown

Code	Description
0	No EEA involvement
1	State funds were used to protect this parcel.
2	Acquired by an EDEA/EEA agency with non-state funds
3	Gifted to EDEA / EEA agency.
4	Other state land with EDEA / EEA legal interest
5	EEA / EDEA administered (no funds were used).
6	Only managed by EEA agency
9	EEA involvement is unknown

Code	Description
1	Unknown
2	Road
3	Streambank
4	Lake Shoreline
5	Coastline
6	Railroad Line
7	Road or Railroad Right-of-Way
8	Utility Right-of-Way
9	Unclear / inconsistent

Code	Description
NP	Digital Parcels (non-standard)
P1	Digital Parcels - Level I
P2	Digital Parcels - Level II
P3	Digital Parcels - Level III
MHO_TENNID	Legislated Massachusetts Town Boundary
EOT	EOT SR road corridors with ROW width
DD	Deed Description
SV	Georeferenced Survey
GSV	Geographic Coordinates from Survey
CS	COGS from Survey
CD	COGS from Deed
GP	GPS Survey (uncorrected)
GP_3.5	GPS Survey (3.5 m differential correction)
GP_1.3	GPS Survey (1.3 m differential correction)
GP_SUMM	GPS Survey (sub-meter differential correction)
RP	Georeferenced Plan
AS	Georeferenced Assessor's Map
DIG	Digital Data (exact source uncertain)
O	1/2 meter MassGIS Orthoimage
OS	USGS Topographic Map
V	Local Volunteer on 25K base
DM	Other Map (see Comments field)
OO	Other Image (see Comments field)
DEP_WET	DEP 1:12K Wetlands
X	Unknown

The MassGIS Protected & Recreational OpenSpace DataLayer is owned and maintained by MassGIS. This schema was developed by MassGIS with the assistance of EDEA agency staff. Any questions should be forwarded to Ben Smith, MassGIS (benjamin.smith@state.ma.us) (617)-626-1076.

