

# Oakland County CLEMIS Public Service Municipal Boundary Coverage

Coverage Name:	<b>mun_bndy</b>
Coverage Features:	arc, polygon
Coverage Attribute Tables:	.aat, .pat(s)
Fuzzy Tolerance:	0.1'
Dangle Tolerance:	0'
Coordinate System:	State Plane Michigan South Zone, International Feet, NAD 83
Coordinate Precision:	Double
Custodian:	Digital Information Service Center

## Purpose

This coverage provides a graphic and attribute representation of municipal boundaries which support computer aided dispatch and incident analysis through the CLEMIS program.

## Description

The municipal boundaries in this coverage geometrically correspond to the road centerline coverage maintained for the CLEMIS program. In support of the Oakland County CLEMIS program, public safety attributes have been added to identify the extent of municipal boundaries. Where appropriate, attributes have been harvested from the road centerline coverage to generate boundary extents. Alternative names have been standardized to meet the requirements set forth in the GGM GeoFile Build Procedures. In some cases, attributes have been classified to reflect the needs of out-county agencies participating in the regional CLEMIS program. The CLEMIS Team will maintain a master list of municipal codes and names in support of the CAD system. Consequently, the MUN\_BNDY and MUN\_NAME must be populated with values from that master list. As data automation and maintenance is completed, a standardized shape file format (Appendix A) will be generated from this coverage design and provided to the CLEMIS Computer Aided Dispatch system.

## Coverage Description

### Arc Structure

#### ARC Attribute Table (AAT):

<u>COLUMN</u>	<u>ITEM NAME</u>	<u>WIDTH</u>	<u>OUTPUT</u>	<u>TYPE</u>	<u>N.DE</u>	<u>ALTERNATE NAME</u>	<u>INDEXED?</u>
					<u>C</u>		
1	<i>FNODE#</i>	4	5	<i>B</i>	-	-	-
5	<i>TNODE#</i>	4	5	<i>B</i>	-	-	-
9	<i>LPOLY#</i>	4	5	<i>B</i>	-	-	-
13	<i>RPOLY#</i>	4	5	<i>B</i>	-	-	-
17	<i>LENGTH</i>	8	18	<i>F</i>	5	-	-
25	<i>MUN_BNDY#</i>	4	5	<i>B</i>	-	-	-
29	<i>MUN_BNDY-ID</i>	4	5	<i>B</i>	-	-	-
33	<i>REV_DATE</i>	8	10	<i>D</i>	-	-	-

<b>Item</b>	<b>Description</b>	<b>Item Codes</b>
REV_DATE	The date the arc was changed in the coverage.	Date MM/DD/YYYY

### Polygon Structure

#### Polygon Attribute Table (PAT):

<u>COLUMN</u>	<u>ITEM NAME</u>	<u>WIDTH</u>	<u>OUTPUT</u>	<u>TYPE</u>	<u>N.DE</u>	<u>ALTERNATE NAME</u>	<u>INDEXED?</u>
					<u>C</u>		
1	<i>AREA</i>	8	18	<i>B</i>	-	-	-
9	<i>PERIMETER</i>	8	18	<i>B</i>	-	-	-
17	<i>MUN_BNDY#</i>	4	5	<i>B</i>	-	-	-
21	<i>MUN_BNDY-ID</i>	4	5	<i>B</i>	-	-	-
25	<i>BOUNDARY_ID</i>	4	5	<i>B</i>	-	ID	-
29	<i>MUN_BNDY</i>	4	4	<i>C</i>	-	NAME	-
33	<i>MUN_NAME</i>	30	30	<i>C</i>	-	FULL_NAME	-
63	<i>ACTION_CODE</i>	1	1	<i>C</i>	-	ACTION	-

<b>Item</b>	<b>Description</b>	<b>Item Codes</b>
BOUNDARY_ID	The unique identifier assigned to each municipal boundary.	
MUN_BNDY	CLEMIS municipal code.	Refer to master list maintained by CLEMIS Team.
MUN_NAME	The full name of the municipality.	Refer to master list maintained by CLEMIS Team. Note: Values must be entered in all uppercase.
ACTION_CODE		P-Pending

### Appendix A

The following shape file format has been developed to support the use of municipal boundaries in the CLEMIS program and have been designed around the requirements set forth in Printrak's GeoFile Build Requirements. In Oakland County, municipal boundary information will be maintained in standard coverage format and exported to shape file when updates to the CLEMIS program are required.

A polygon shape file will be created from the PAT in the following format:

**CLEMIS Polygon File (Municipal Boundaries):**

<b>Item</b>	<b>Description</b>	<b>Item Codes</b>
<i>SHAPE</i>	The type of spatial feature represented in the shape file.	Polygon
<i>AREA</i>	The area of the polygon expressed in square feet.	
<i>PERIMETER</i>	The perimeter of the polygon expressed in feet.	
ID	Unique identifier assigned to each municipal boundary	
NAME	CLEMIS municipal code.	Refer to master list maintained by CLEMIS Team.
FULL_NAME	The full name of the municipality.	Refer to master list maintained by CLEMIS Team. Note: Values must be entered in all uppercase.
ACTION		P-Pending