

Oakland County CLEMIS Public Service Law Enforcement Boundary Coverage

Coverage Name:	law_bndy
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 Public Service Law Enforcement Boundaries which support computer aided dispatch and incident analysis through the CLEMIS program.

Description

The Law Enforcement boundaries in this coverage geometrically correspond to the road centerline coverage maintained for the CLEMIS program. Source information was gathered from local, county and state police departments participating in the CLEMIS program.

In support of the Oakland County CLEMIS program, public safety attributes have been added to identify the extent of these law enforcement (local PD, sheriff and state police) service 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 and 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 agency codes and boundary identification numbers in support of the CAD system. Consequently, the LAW_BNDY and AGENCY_CODE 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.

These public safety attributes only reflect primary service providers, secondary or “backup” service providers are configured in the CLEMIS CAD system. The agency responsible for primary law enforcement service is identified in the “AGENCY_CODE” column. In addition, an “AGENCY_TYPE” column has been added to identify the type of law enforcement service.

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>LAW_BNDY#</i>	4	5	<i>B</i>	-	-	-
29	<i>LAW_BNDY-ID</i>	4	5	<i>B</i>	-	-	-
33	<i>REV_DATE</i>	8	10	<i>D</i>	-	-	-

Item	Description	Item Codes
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>LAW_BNDY#</i>	4	5	<i>B</i>	-	-	-
21	<i>LAW_BNDY-ID</i>	4	5	<i>B</i>	-	-	-
25	<i>BOUNDARY_ID</i>	4	5	<i>B</i>	-	ID	-
29	<i>LAW_BNDY</i>	4	4	<i>C</i>	-	NAME	-
33	<i>AGENCY_CODE</i>	2	2	<i>C</i>	-	AGENCY	-
35	<i>AGENCY_TYPE</i>	2	2	<i>C</i>	-	-	-
37	<i>ACTION_CODE</i>	1	1	<i>C</i>	-	ACTION	-
38	<i>RESP_CODE</i>	6	6	<i>C</i>	-	-	-

Item	Description	Item Codes
BOUNDARY_ID	The unique identifier assigned to each public service law enforcement boundary.	
LAW_BNDY	A unique identifier assigned to each public service law enforcement boundary and used by GGM.	Refer to master list maintained by CLEMIS Team.
AGENCY_CODE	A unique CLEMIS agency code that represents the primary agency responsible for law enforcement service.	Refer to master list maintained by CLEMIS Team.
AGENCY_TYPE	The type of agency providing primary law enforcement service.	PD-Local Police Department SH-County Sheriff ST-State Police
ACTION_CODE		P-Pending

RESP_CODE	A placeholder for emergency dispatch changes, allowing dispatchers to reconfigure who responds to a particular fire boundary on the fly.	Refer to CLEMIS CAD configuration.
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Appendix A

The following shape file format has been developed to support the use of the law enforcement boundaries in the CLEMIS program and have been designed around the requirements set forth in Printrak's GeoFile Build Requirements. In Oakland County, law enforcement 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 (Law Enforcement Boundaries):

Item	Description	Item Codes
<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 law enforcement boundary	
NAME	A unique identifier assigned to each public service law enforcement boundary and used by GGM.	Refer to master list maintained by CLEMIS Team.
AGENCY	A unique CLEMIS agency code that represents the primary agency responsible for law enforcement service.	Refer to master list maintained by CLEMIS Team.
ACTION		P-Pending
RESP_CODE	A placeholder for emergency dispatch changes, allowing dispatchers to reconfigure who responds to a particular fire boundary on the fly.	Refer to CLEMIS CAD configuration.