

APWA Traffic Department Presentation

Associate Traffic Engineer
John Crapps, P.E.



Traffic Department

Responsible Area

Duties

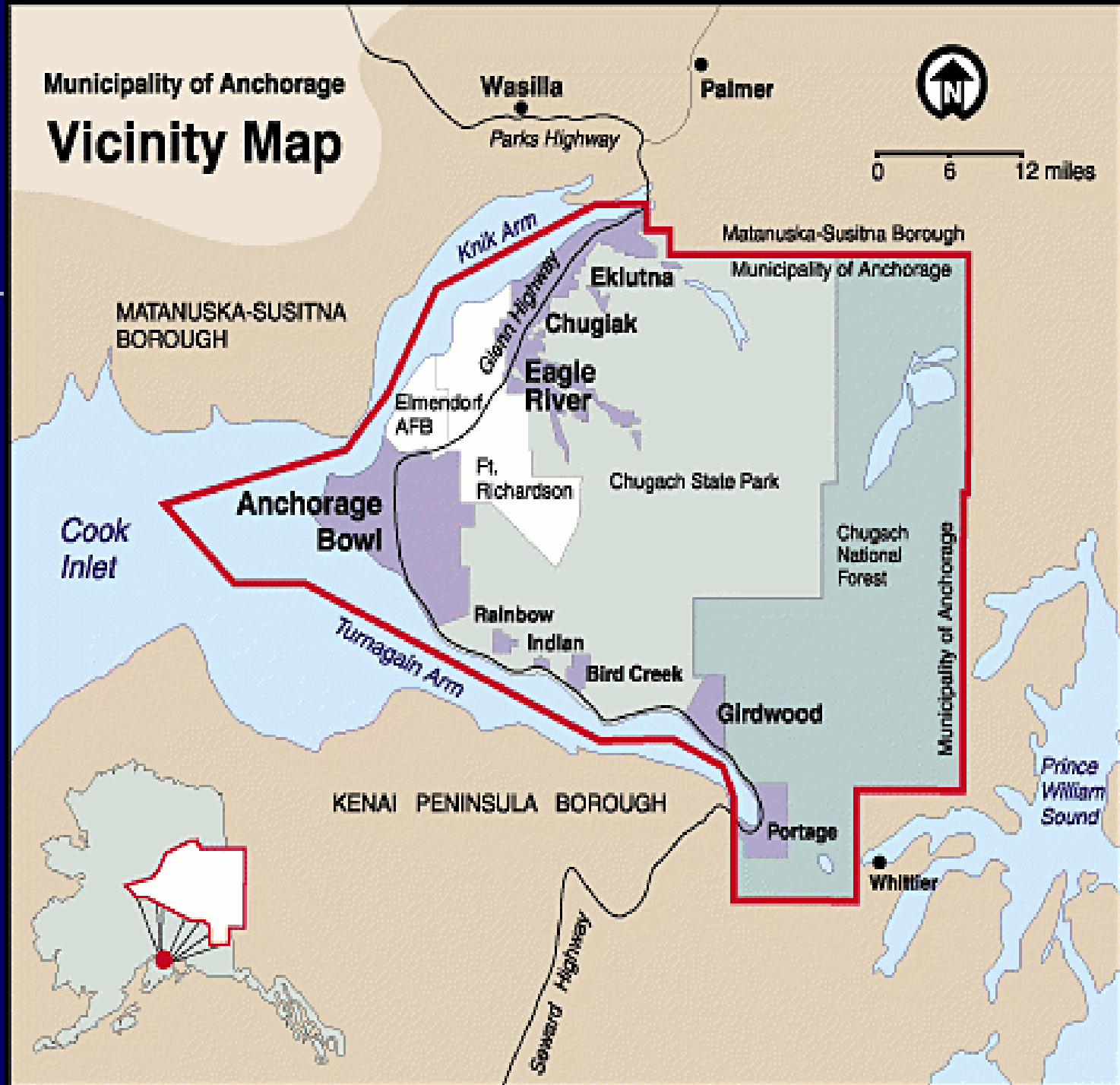
Exceptions

Questions

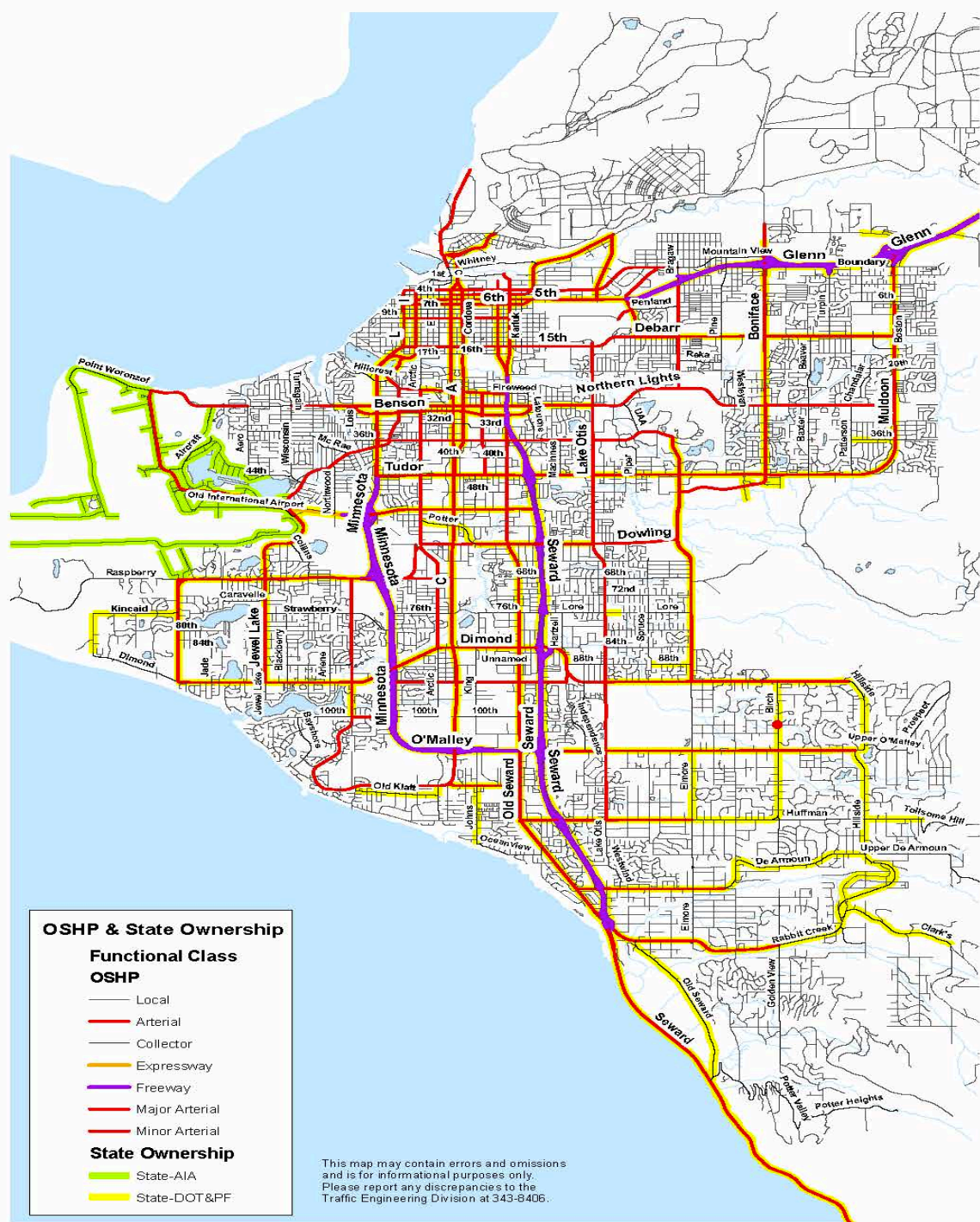


Municipality of Anchorage

Vicinity Map



ADOT & Municipal Streets



Duties of Traffic Engineer

Title 9 Traffic Control Devices

Title 21 Land Use

Title 24 Streets and ROW



AMC

9.06.090

Duties of Traffic Engineer

9.06.090 - Duties of traffic engineer.

A. It shall be the duty of the traffic engineer or designee to:

1. Conduct studies of street and pedestrian traffic, crashes, congestion, parking and other conditions affecting the safe and efficient use of the streets and trails, collect facts regarding the effect and operation of regulations and laws, make recommendations regarding regulations and laws, and review plans for proposed street improvements for the purpose of making recommendations for safeguarding and facilitating vehicular and pedestrian traffic;
2. Approve, place, maintain and operate all official traffic control devices, including double fine zones in accordance with 17 AAC 99.010, and keep records of such traffic control devices;
3. Approve passenger stops for all buses operating over the streets of the municipality;
4. Establish crossings, where deemed necessary, to protect pedestrians and schoolchildren;
5. Approve school zones;
6. Approve school flasher zones and flasher operation schedules;
7. Approve traffic control plans;
8. Determine locations where vehicles shall be prohibited from making left turns;
9. Approve taxicab and for-hire stands;
10. Study facilitation of traffic along existing routes and make recommendations regarding this subject;
11. Make traffic surveys;
12. Collect and maintain crash and traffic flow information;
13. Approve all applications for building permits and right-of-way permits affecting traffic safety;
14. Determine when to require traffic studies of impacts and the need for mitigation regarding the facilitating and safeguarding of traffic; and
15. Perform such other duties as may fall within the province of safeguarding and facilitating traffic.

B. The traffic engineer or designee shall maintain a suitable system of maintaining traffic statistics. Such information shall be available for the use of the police traffic unit. Whenever the crashes at a particular location become numerous, the traffic engineer shall conduct studies of such crashes and determine remedial measures.

C. The traffic engineer or designee shall maintain records indicating through streets and the speed limits thereon, the location and type of official traffic control devices, the location of loading zones, bus stops, taxicab stands, and parking meter zones and spaces, and the duration of time vehicles are permitted to park.

D. The traffic engineer or designee shall prepare an annual traffic safety report containing information on:

1. Traffic conditions with particular reference to number of traffic crashes;
2. Number of persons killed and injured and other traffic crash data;
3. Traffic trends throughout the municipality; and
4. Plans and recommendations for future traffic safety.

E. The annual traffic safety report shall be submitted to the municipal manager, who shall distribute copies of it with the mayor, assembly and the chief of police.



Traffic Department

Traffic Engineer

 Data Collection







 Safety

 Signals



Data Collection

9.06.090 Requirements

-  Make Traffic Surveys
-  Collect and Maintain crash and traffic flow information
-  Annual Traffic Report
 -  Traffic Conditions/Crashes
 -  Fatality & Injury Statistics
 -  Traffic Trends



Data Collection

Data Collection Site:

www.muni.org/Departments/traffic/Pages/Data.aspx

Traffic Data Management System

traffic.muni.org/TSReports.aspx



Safety

9.06.090 Requirements

-  Conduct Studies
-  Make Recommendations on Regulations & Laws
-  Review Street Designs
-  Approve, Maintain, & Operate all Official Traffic Control Devices
-  Approve Bus Stops
-  Establish Pedestrian Crossings



Safety (cont.)

9.06.090 Requirements

- 🚗 School Zones
- 🚗 School Flashers
- 🚗 Traffic Control Plans
- 🚗 Building Permits & Right-of-way Permits for Traffic Safety
- 🚗 Require Traffic Impact Analyses for Development





Safety (cont.)

Programs

-  Traffic Calming Program
-  Special Activity Permits
-  Walking Routes to Schools

Paint & Sign Shop

-  Paints all Municipal Street striping, crosswalks, curb, etc.
-  Maintains all Municipal Street Signs



Safety (cont.)

Safety Site:

www.muni.org/Departments/traffic/Pages/Safety.aspx

Paint & Sign

To report a damaged or missing sign, call 373-8406 or 343-4384 (after hours)



Signals

- 🚗 Review Signal Designs
- 🚗 Approve, Maintain, & Operate all Official Traffic Signal Devices
- 🚗 Operate & Maintain School Flashers







Signals

- 🚗 Review Signal Designs
- 🚗 Approve, Maintain, & Operate all Official Traffic Signal Devices
- 🚗 Operate & Maintain School Flashers



Exceptions

-  Signal Agreement with State of Alaska DOT/PF
-  Special Activity Permits
-  School Zones
-  Transit Bus Stops



Questions?

