

Requested by: Planning Commission  
Prepared by: Planning Staff  
Meeting Date: March 7, 2005  
Adopted: March 7, 2005  
Vote: Unanimous

**WASILLA CITY COUNCIL  
RESOLUTION SERIAL NO. 05-11**

**A RESOLUTION OF THE WASILLA CITY COUNCIL ESTABLISHING AN OFFICIAL TRAFFIC SIGNAL MAP DESIGNATING CRITICAL INTERSECTIONS ON MAJOR ARTERIALS AND COLLECTORS IN AND NEAR THE CITY OF WASILLA THAT REQUIRE TRAFFIC SIGNALS AND ENCOURAGING MONITORING OF THESE INTERSECTIONS ON A ROUTINE SCHEDULE.**

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WHEREAS, Section 2.60.010(B) of the Wasilla Municipal Code requires that the Planning Commission, on an annual basis, review one or more elements of the comprehensive plan and make recommendations to the council; and

WHEREAS, the 1996 Wasilla Comprehensive Plan lists, as a transportation goal in Chapter Four, the improvement of public safety and the traffic carrying capacity of the City's arterial and major collector road systems; and

WHEREAS, signalized intersections control the speed and spacing of motor vehicles traveling through busy intersections, thereby increasing public safety; and

WHEREAS, Wasilla Planning Commission conducted meetings which were open to the public on January 25, 2005 and February 8, 2005 regarding the establishment of a comprehensive list of road intersections that need, or will need in the near future, traffic signals to improve safety of the public; and

WHEREAS, the Wasilla Planning Commission has created a map identifying critical intersections in and around the City which need, or will need in the near future, traffic signals to improve safety of the public as shown on Attachment A; and

WHEREAS, the Wasilla Planning Commission, endorses and supports, in the interest of safety of the residents of Wasilla, local businesses, and the traveling public, placement of traffic control devices at noted intersections as shown on the attached map.

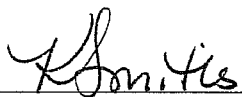
NOW THEREFORE BE IT RESOLVED, that the City Council adopts the attached map designating critical intersections on major arterials and collectors in and near the City of Wasilla that need, or will need in the near future, traffic signals as endorsed by the Planning Commission, as the Official City of Wasilla Traffic Signal Map; and

BE IT FURTHER RESOLVED that the City Council encourages the Matanuska-Susitna Borough and Alaska Department of Transportation & Public Facilities to monitor and reevaluate the need for signals at critical intersections shown on the Official Traffic Signal Map on a routine schedule recommended to be 16-hour counts every five years for each critical intersection.

ADOPTED by the Wasilla City Council on March 7, 2005.

  
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DIANNE M. KELLER, Mayor

ATTEST:

  
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KRISTIE L. SMITHERS, MMC  
City Clerk

[SEAL]

**CITY OF WASILLA OFFICIAL  
TRAFFIC SIGNAL MAP 2005-2025**

**SIGNAL NETWORK OPTIONS**

- EXISTING SIGNAL
- FUTURE SIGNAL WHEN IT MEETS NATIONAL CRITERIA PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
- TRAFFIC CONTROL DEVICES AT STOP ARE AN INTERIM, LOW MAINTENANCE OPTION FOR MANY SIGNAL CANDIDATES
- CONSIDER FUTURE URBAN INTERCHANGE WHEN WARRANTED, OR ELSE ALTERNATIVE ROUTE NEEDED CROSSING OF TWO HIGH VOLUME ARTERIALS
- CONFLICTING TURNS = CONGESTION

SIGNAL INTERCONNECTION FOR PROGRESSION  
LOCAL ROAD CONNECTIONS NEEDED FOR BEST USE OF MAJOR HIGHWAY INTERSECTIONS

**NOTES:**

LOCAL SIGNAL SPACING FOR OPTIMAL TRAFFIC MOVEMENT:  
REGIONAL INTERSTATE HIGHWAYS = NONE  
ON RICHWAY HIGH VOLUME HIGHWAYS = 45 MPH = 1/2 MILE  
ON ONE WAY STREETS = 2 BLOCKS, 1 BLOCK MINIMUM  
USUALLY 1/2 MILE OR COLLECTORS AND BUSIER SIDESTREETS SO THAT SIGNALS SERVE BOTH SIDES OF ARTERIAL  
ENSURE BUSIER OF SET INTERSECTIONS DO NOT CREATE LEFT TURN ALIGNMENT OF MAJOR STREETS IN BETWEEN SIGNAL CANDIDATES NOT AS CRITICAL, BUT SHOULD NOT BE TOO CLOSE TO MAJOR SIGNAL, OTHERWISE ON BACK TO BACK TRAFFIC QUEUES.  
REINCLUDED NEAR SIGNALS DUE TO OVERLAPPING CONFLICTS

IN ADDITION TO EXISTING SIGNALS, THIS MAP SHOWS INTERSECTIONS WITH POTENTIAL TRANSPORTATION NEEDS IN THE FUTURE. IT DOES NOT REPRESENT ACTUAL NEEDS AT PRESENT. THE INTERSECTIONS MUST BE MONITORED TO DETERMINE THE APPROPRIATE LEVEL OF TREATMENT AND WHEN A SOLUTION IS AN APPROPRIATE TRAFFIC CONTROL DEVICE (METHOD) TO SERVE THE COMMUNITY AND CONSISTENCY.  
ALL TRAFFIC CONTROL DEVICES ON ANY ROADWAY MUST BE DESIGNED AND ALIGNED IN ACCORDANCE WITH THE MUTCD, REGARDLESS OF OWNERSHIP. TRAFFIC CONTROL DEVICES ON STATE ROADWAYS REQUIRE STATE APPROVAL.  
THIS MAP DOES NOT GARRANT APPROVAL OF AN IMPLEMENTATION STRATEGY. A JOINT AGENCY REVIEW IS REQUIRED TO DETERMINE WHEN INTERSECTION TRAFFIC CONTROL IS NEEDED.

EXHIBIT A OF CITY COUNCIL RESOLUTION  
FRM NUMBER 05-11 ADOPTED 3/05

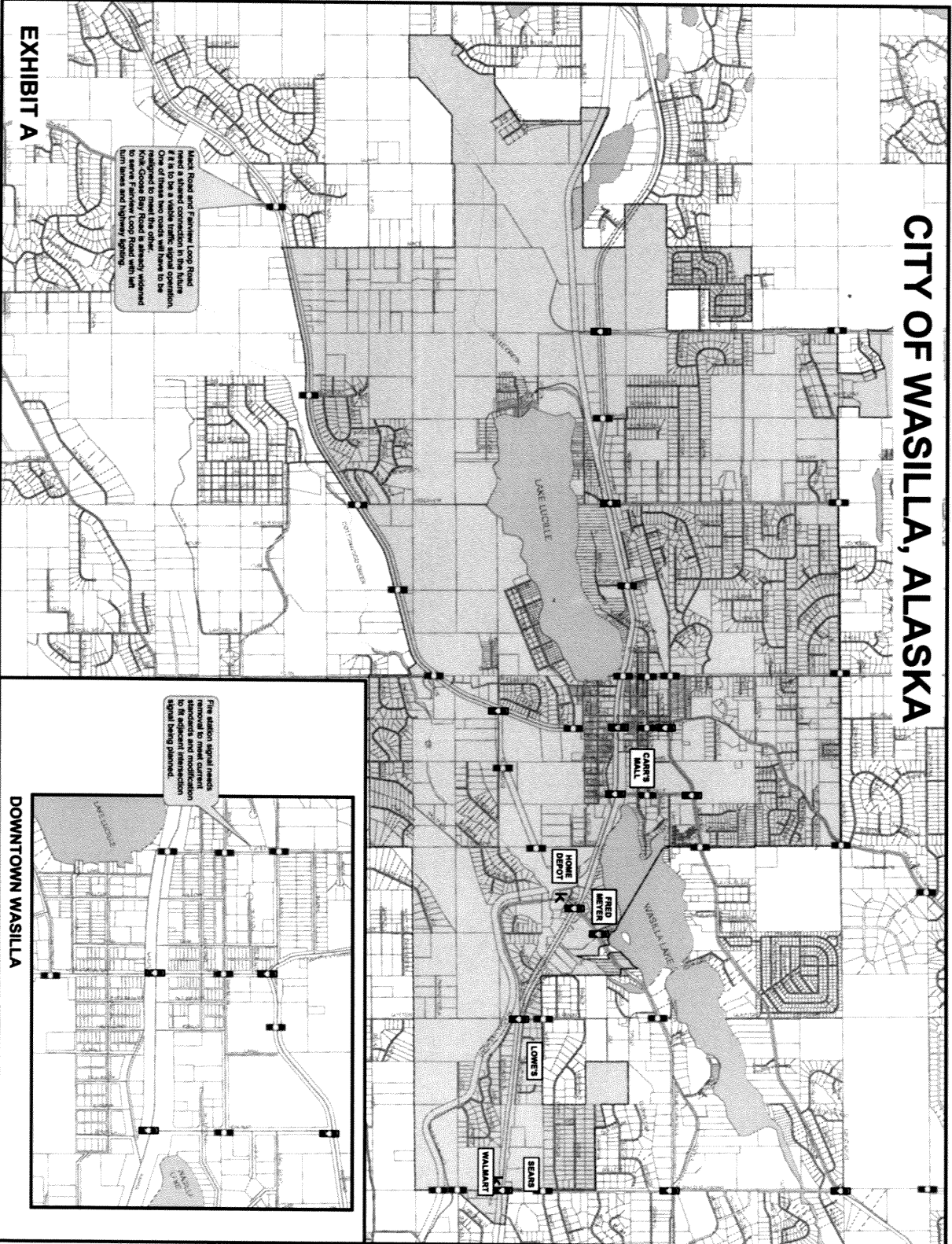


Planning was completed by HDR Alaska, Inc., the City of Wasilla Planning Department (2/05).



**B**

**CITY OF WASILLA, ALASKA**



Make Road and Fairview Loop Road need a signal connection in the future. One of these two roads will have to be realigned to meet the other.  
Note: Goose Bay Road is already widened turn lanes and Highway lighting.

Five station signal needs removed to meet current standards and modification to R adjacent intersection signal being planned.

**EXHIBIT A**

**DOWNTOWN WASILLA**



**CITY OF WASILLA  
LEGISLATION STAFF REPORT**

**RE: 05-11** A RESOLUTION OF THE WASILLA CITY COUNCIL ESTABLISHING AN OFFICIAL TRAFFIC SIGNAL MAP DESIGNATING CRITICAL INTERSECTIONS ON MAJOR ARTERIALS AND COLLECTORS IN AND NEAR THE CITY OF WASILLA THAT REQUIRE TRAFFIC SIGNALS AND ENCOURAGING MONITORING OF THESE INTERSECTIONS ON A ROUTINE SCHEDULE.

Agenda of: March 7, 2005  
Originator: City Planner

Date: February 24, 2005

Route to:	Department	Signature/Date
	Police	
	Recreational and Cultural Services Library, Museum	
X	Public Works Planning	<i>S. Harley</i> 2/25/05
X	Finance *signature required	<i>[Signature]</i>
X	Clerk	<i>[Signature]</i>

**REVIEWED BY MAYOR DIANNE M. KELLER:**

*Dianne M. Keller*

**FISCAL IMPACT:**  yes or  no      Funds Available  yes  no

Account name/number:

Attachments:      Proposed Resolution Serial Number 05-11  
                                Planning Commission Resolution Serial No. 05-03(AM)  
                                Map

**SUMMARY STATEMENT:**

The Planning Commission, city staff, and staff members of the Alaska Department of Transportation and Public Facilities have been reviewing the Transportation Chapter of the 1996 Comprehensive Plan. The Plan includes road classification information but does not include specific guidance on intersection improvements.

As the population of Wasilla and the core area grows, the volume of traffic on our road system is also rapidly increasing. Rather than allowing other agencies such as DOT or the Borough to decide on which are the intersections in need of improvements, the Planning Commission recommends that the City to provide DOT with a comprehensive list of intersections that should be considered for signalization, or other safety

improvements. This will move DOT's focus to problems with the entire Wasilla road system.

Adoption of an Official Traffic Signal Map will also provide the development community with information on anticipated intersection improvements that they may be expected to participate in funding.

Recommendation

Staff respectfully recommends adoption of the map endorsed by the Planning Commission as the Official City of Wasilla Traffic Signal Map.