

MEMORANDUM

STATE OF ALASKA

Department of Transportation & Public Facilities
Design & Engineering Services – Central Region
Highway Design

TO: Charles Deininger
Chief Contracts Officer

DATE: August 5, 2015

THRU: Robert A. Campbell, P.E.
Director, Central Region

PHONE: (907) 269-0641

FAX: (907) 243-4409

THRU: Joel G. St. Aubin, P.E.
Director, Design and Construction

SUBJECT: Public Interest Finding
Raspberry Road: Jewel Lake-Minnesota
Pavement Preservation
Project No. 0526004/Z567270000

FROM: Kevin L. Jackson, P.E.
Project Manager

Introduction

The Alaska Department of Transportation and Public Facilities (ADOT&PF) is seeking a Public Interest Finding (PIF) to supply a State owned fully functional traffic signal controller cabinet to be used as part of a temporary traffic signal located at the intersection of Raspberry Road and the Southbound Minnesota Drive off-ramp on the subject project until a permanent signal and traffic signal controller cabinet are installed.

The controller cabinet is consistent with the Econolite Blanket PIF (25-16-002-PIF) that was approved 7/8/15.

Estimated Value: \$50,000.00

Project 0526004 Background

The construction cost estimate for this federally funded project is in the range of \$5,000,000 to \$10,000,000.

Advertisement for construction is scheduled for August 2015.

To accommodate the additional traffic anticipated from the October 2015 opening the West Dowling Road extension (project 0532008 West Dowling Rd. Reconstruction Phase II: C St. to Minnesota Dr. & Raspberry Road-Bessel Ave.), a new traffic signal will be installed at the intersection of the Minnesota Drive southbound off-ramp with Raspberry Road. Also, changes to the existing signal and geometrics at Northwood Street will be made to accommodate increased volumes and to improve inter-operability with the new signal at the Minnesota Drive southbound off-ramp.

The Department currently stores the traffic controller cabinet at 500 N. Seward Meridian Parkway; Wasilla, AK 99654. The project specifications will provide drop-off/pick-up location, Department point

of contact information for facilitating handoff of the controller cabinet, and timeframe for advance notice requirements that the contractor must provide the Departments point of contact.

Justification for Public Interest Finding

A traffic signal is necessary when the West Dowling Road Extension opens in late October 2015 to provide signalized traffic control necessary for adequate levels of operation along Raspberry Road as well as Southbound Minnesota off-ramp. The traffic signal controller requires numerous components that must all work together and network with the surrounding traffic signals to provide properly coordinated traffic between signals.

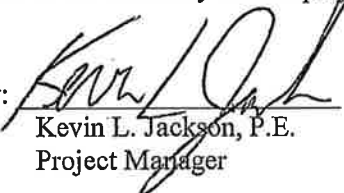
Many of the components required for the traffic controller have a long lead time. This would push the completion date for the temporary signal past the anticipated opening date for the West Dowling Road Extension, potentially leading to queues backing up along the Minnesota Southbound off-ramp from Raspberry Road on to Minnesota Drive.

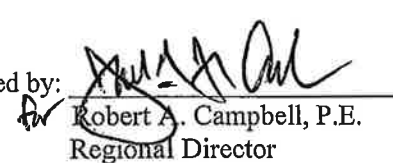
The ADOT&PF provided controller cabinet will allow the temporary signal to be complete before, or by the opening of the West Dowling Road Extension project.


Once the permanent traffic signal is operational at the intersection of Raspberry Road and the Southbound Minnesota Drive off-ramp, the temporary traffic signal controller cabinet will be reclaimed by the ADOT&PF to be used in the future as necessary.

Finding of Public Interest

It is hereby found to be in the Public's best interest and consistent with the Code of Federal Regulations Title 23, Section 635.407, 2 AAC 12.760, and ADOT&PF Policy and Procedure 10.02.013 to use State owned material in this federally funded project.

Submitted by:  8/5/15
Kevin L. Jackson, P.E. Date
Project Manager

SA
Recommended by:  8/6/15
Robert A. Campbell, P.E. Date
Regional Director

Approved by:  8/6/15
Charles Deininger Date
Chief Contracts Officer