



## I. Introduction

The Municipality of Anchorage Project Management and Engineering (MOA PM&E) has contracted with CRW Engineering Group, LLC to provide professional services to prepare a Design Study Report for the upgrade of Campbell Airstrip Road from mile 0.3 to 0.7. See FIGURES 1 AND 2 for Location and Project Vicinity maps.

There is currently only funding through the Design Study Report for Campbell Airstrip Road. In addition, the analysis and conceptual design for this report were conducted using surface contours combined from the MOA GIS surface and the Alaska Botanical Garden (ABG) 2009 Master Plan. The shoulder of the roadway was surveyed in the spring of 2011 but the existing contours from MOA and ABG may not reflect the most current conditions. Geotechnical studies have not been conducted for the project area. Therefore, this Design Study Report is a cursory report and refining of the report and conceptual design will be required once additional funding is secured. Additional funding is necessary for the design and construction of the improvements.

### A. Concept Report Summary/Project Goals

The Basher Community Council and the Campbell Airstrip Limited Road Service Area (LRSA) identified the need to improve this section as their top priority for several years. In 2010, they requested funding from the State Legislature and received a \$250,000 State grant to begin the design study phase. Additional State grants will be necessary to fund all pre-construction tasks including design, right-of-way, and permitting and the construction of the improvements.

Using the MOA Context Sensitive Solutions (CSS) Policy as a guideline, the Campbell Airstrip Road Upgrade – Mile

0.3 to 0.7 Concept Report was prepared. The goal of the CSS process is to collaborate with all stakeholders to improve the safety and mobility of the corridor, balance diverse interests, and to find areas of compromise that address budget and environmental concerns. The CSS policy provides guidelines to involve project stakeholders in defining the problems to be solved and a conceptual range of potential solutions to address the problems. The full Concept Report and range of stakeholder activities can be found in [APPENDIX A](#).

Based on stakeholder input during the Concept Report Phase, the primary goals of the Campbell Airstrip Upgrade project are as follows:

- Upgrade the roadway similar to the road and trail segments north and south of the project area.
- Connect the two existing multi-use trails on each end of the project by providing a multi-use trail from Mile 0.3 to 0.7. The multi-use trail should be separated from the roadway far enough to retain a natural vegetative buffer between road and trail, and yet not too far to compromise safety of trail user.
- Retain scenic attributes by minimizing impacts to steep slopes and avoiding extensive cuts, fills, and clearing of vegetation.
- Improve sight distances.
- Provide room to allow for evasive maneuvers to avoid conflicts such as moose, pedestrians, bicycles or other vehicles.
- Address winter snow storage.
- Improve the road subgrade, surface and drainage.
- Address unsafe speeding and lack of room for vehicle/pedestrian maneuverability.
- Do not extend street lighting or utilities.
- Maintain secondary access to the Botanical Garden.
- Address snow cast off from the road down to the dog mushing trail.



In addition, stakeholders requested the following be evaluated during the design study phase:

- A colored and or textured crosswalk treatment and pedestrian refuge median to improve visibility of the at-grade crossing.
- The feasibility of extending the multi-use trail on the west side of Campbell Airstrip Road to Tudor Road.
- The feasibility of removing the Rendezvous Trailhead parking lot and/or relocating some spaces to the existing mailbox area.

The No Build alternative is not considered in this report as it is not supported by project stakeholders and does not address the problems that need to be resolved.

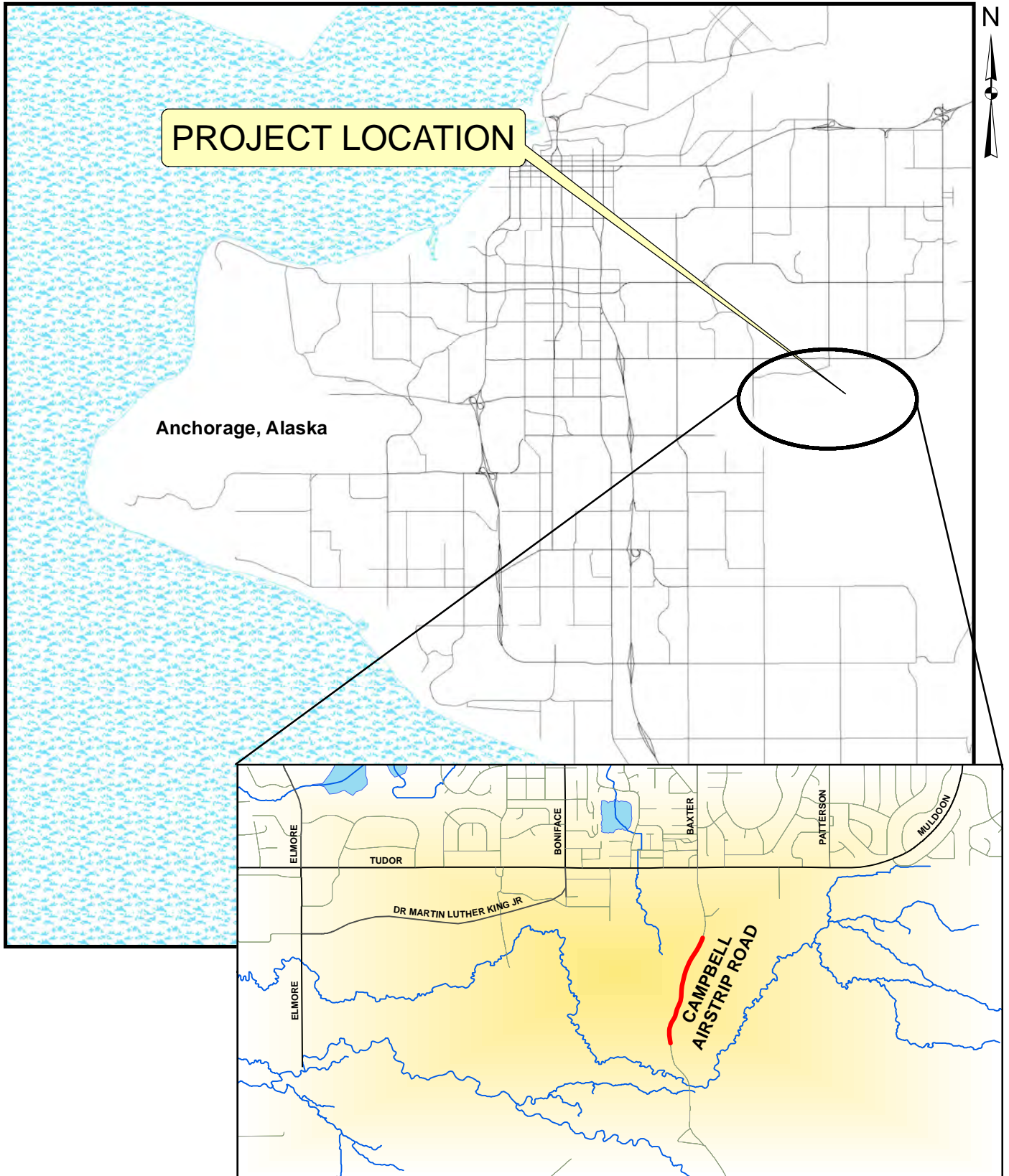


Figure 1 - Project Location Map



Figure 2 - Project Vicinity Map