Attachment B - FY2021 Alaska <u>ITD</u> Program Plan/Top-Level Design
FMCSA Evaluation Comments

Note to evaluator: If a rating is other than "Yes", please explain in a comment. For broad questions, please be sure that comments adequately address the problem areas.

Evaluation Measure	Rating	Reviewer Comments
1 - Does each chapter title match the outline recommended in the ITD Top-Level Design Template? If not, please use comments to list the chapter titles in this state's plan. If some topic from the recommended outline isn't included in this state's plan, please be sure to point that out in the comments.		
2 - Is the Executive Summary consistent with later sections in the document?		
EXECUTIVE SUMMARY		
1 - Does the Executive Summary provide: a high-level description of mission and purpose, relevance to the state, roles of the state's agencies involved in the program, specific projects deployed, brief high-level budget information and schedule information, high-level system design, deployed/planned technologies table and the relevance to other programs?		
1.0 Introduction		
1- Does the TLD orient the reader to the purpose, scope and contents of the document and provide an overview of the purpose of the state's Expanded ITD program?		
1.1 Purpose and Scope of the Document		
1 - Is the purpose for the document described?		
1.2 Background		
1 - Is there a statement of commitment for the ITD program?		
2 - Is an overview of the Core ITD and has the state's certification date for the Core ITD been included? (This section is only necessary for a Core compliant state)		
3 - Have the states' ITD program goals and objectives been included?		
4 - Is there a description of the project team?		
5 - Is there an MOU between the agencies involved?		
6 - Is there a business case rationale and estimate of benefits presented in the proposal?		

Evaluation Measure	Rating	Reviewer Comments
1.3 Organization of the document		
1 - Does this section describe the remaining contents of the document?		
2.0 ITD Program		
1 - Is there a general introduction of the state's ITD program, including the focus of the program?		
2.1 State ITD Goals		
1 - Is there a list of the state's ITD goals and objectives, building upon the state's ITS/CVO Business Plan, Core ITD Program Plan and TLD document(s)?		
2.2 Current ITD Related Activities/Projects		
1 - If applicable, does this section describe ongoing projects as part of the state's ITD program or projects?		
2.3 Planned ITD Deployment Projects		
1 - Is a description of the ITD projects the state plans to deploy included?		
2 - Is there a description of project objectives, expected benefits, lead agency and the high-level requirements for project implementation included?		
3 - Are there descriptions of *each* of the project's operational scenarios explained from the user's perspective?		
4 - Where applicable, has the state identified key factors considered in the development of the project's operational scenarios (e.g. federal/state regulations, federal/state law, ITD requirements, etc.)?		
5 - Has the suggested template (Table 2-1) (containing Project Name, Physical Location, Objectives, Benefits, Description, Operational Scenarios, Lead Agency, Participating Agency and Key project Functions) been included separately for *each* of the proposed project descriptions?		
3.0 System Design		
1 - Does this section present the proposed system design for the state's ITD deployment?		
2 - Does the description provide an overview of the existing state and national systems/networks involved, new systems to be added and the connectivity issues between them for the state's Expanded ITD deployment, and a summary of changes required to implement ITD capabilities?		

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3 - Does this section describe the interfaces required to be designed and any interface Control Documents (ICDs) as deliverable milestones for the project?		

4 - Does the design presented in this section focus on:
  o Interfaces to systems that follow the National ITS Architecture
  o Interfaces to systems that follow the national ITD and state ITD architectures
  o ITD guidelines, which are provided by FMCSA as additional detail is known about ITD capabilities		

3.1 Architecture Overview		
1 - Are the key concepts shaping the design summarized?		
2 - Is an ITD System Design Diagram included?		
3 - Does the state's ITD Architecture contain network diagrams with host computers and highlight the new systems that are to be added?		
4 - Does this section present key needs and key aspects that shape the ITD Architecture of the state?		
5 - If the new or modified systems and networks are non-compliant with either the National ITS Architecture or the ITD Architecture, is there an explanation of how it differs from the standard architecture(s) and why?		
6 - Are there descriptions of suggested updates to either the National ITS Architecture or the ITD Architecture for the proposed ITD project to achieve nationwide interoperability with existing systems in the ITS or ITD infrastructure?		
3.2 Description of Systems Components		
1 - Does this section describe the state's legacy systems involved in the ITD deployment?		
2 - Does the description make a distinction between state or vendor-owned systems?		
3 - Does the description provide details regarding host networks, current functions/ interfaces and interface requirements under the ITD design?		
4 - Is the network environment, for *each* agency involved in the ITD deployment, been provided?		

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3.3 Project Design Elements		
1 - Have separate subsections describing *each* project been included?		
2 - In *each* subsection, is there a separate project diagram or table showing existing and planned interfaces (including interface types if known) with other state, National and carrier systems?		
3 - Are published standards, that need to be adopted where applicable, identified?		
4 - Are applicable and existing Interface Control Documents (ICDs) identified?		
5 - Are new ICDs, to be developed, identified?		
6 - Does this section include a table (as shown in Table 3.1) listing high-level systems changes required, the magnitude of these change (small, medium or large) and if the state anticipates buying or building these changes?		
3.4 System Testing		
1 - Are the different types of system tests (operational test, interoperability test, etc.) to be conducted as part of the ITD deployment listed?		
4.0 Procurement Strategy/ Products		
1 - Are the products and services that the state needs to procure documented for *each* project?		
2 - Are the corresponding procurement strategies (RFPs required, contracting, identification of incumbents/in-house resources) listed for *each* project?		
3 - Is the documentation consistent with the suggested template in Table 4.1?		
5.0 Program Schedule		
1 - Is the state's deployment schedule described?		
2 - Where appropriate, has *each* project been segmented into its constituent "builds" with key milestones?		
3 - Has a graphic representing the proposed build schedule been included for the project(s) showing key milestones, key deliverables and their interdependencies?		

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6.0 Program Budget		
1 - Is the total ITD deployment budget showing the sources and amounts of federal and non-federal funding sources been included?		
2 - Have the sources, amounts and kinds (cash, labor, equipment) of matching funds been included in the total budget?		
3 - Have the state's staff, financial and other resources planned for the ITD project(s), been allocated and included in the total budget?		
7.0 Design/Deployment Issues		
1 - Does the proposal highlight any unresolved issues that may have emerged during the state's planning and design efforts?		
2 - Is a proposed method for addressing *each* of these issues (project related, funding related or matching funds/capabilities related) been presented in brief?		

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Document Reviewed:

Date:

Point of Contact: **Name:**
               Email:
               Phone:

General Comments