NORTH HIGHLAND

FLORIDA CLOUD-BASED TRAFFIC SAFETY INFORMATION SYSTEM FEASIBILITY STUDY - PHASE I OVERVIEW

April 9, 2021

PROJECT SCOPE AND OBJECTIVES

Phase 1 of the Florida Cloud-Based Traffic Safety Information System Feasibility Study

Project Scope

Develop a clear understanding of Florida's current Traffic Safety Information System by focusing on the following:

- Current State Systems and TR Data Inventory
- Current State Data Management Assessment
- Current State Systems Assessment for Cloud adoption
- Current State Data Blueprint
- High-level Cloud Architecture Recommendation

Key Objectives

- Document the current state of play for Traffic Safety Information Systems
- Identify opportunities for enhancement of key areas:
  - Data Integration
  - Data Management
  - Data Governance
  - Technology Systems
- Assess the feasibility of cloud adoption
- Create the foundation for Phase 2
  - Detailed Future State Architecture
  - Detailed Cloud Adoption Roadmap

HOW WE THINK ABOUT INFORMATION MANAGEMENT

The North Highland Component Model provides an organized methodology to assess an organization's current Information Management maturity and creates a framework to advance data and analytics capabilities

"The essence of strategy is choosing what not to do"

IT ALL BEGINS WITH THE END IN SIGHT:

- The center of the model reflects an understanding that the core of any successful data strategy initiative is its alignment with the organization's business strategy and goals.
- The Component Model consists of twelve (12) components that should align information to the business strategy through people, process, and technology.
  - The middle ring includes eight operational components, which are critical for data management and delivery.
  - The outer ring of the model includes four execution elements which represent the people and processes required to effectively perform any data strategy initiative.

PROJECT APPROACH

A streamlined approach to analyzing and assessing the current state to design the future state

Project Management

	1 Mobilization	2 Analyze	3 Design
KEY ACTIVITIES	• Plan the Project. • Assess Risk. • Issue Data Request. • Schedule Interviews/Workshops • Manage Comms and Project Governance	• Review systems documentation • Review data requests • Conduct Interviews/Workshops • Assess IT Systems • Assess Data Processes • Assess Data Integration	• Assess IT systems for technical cloud adoption • Evaluate cloud adoption options • Create cloud reference architecture • Prepare high level cost/benefit analysis
DELIVERABLES	• Project Plan • Bi-Weekly Status Reports	• Traffic Systems & Data Inventory • Data Management Assessment • Systems Assessment • Data Blueprint	• High Level Cloud Architecture Recommendation

16 WEEKS

KEY CONSIDERATIONS

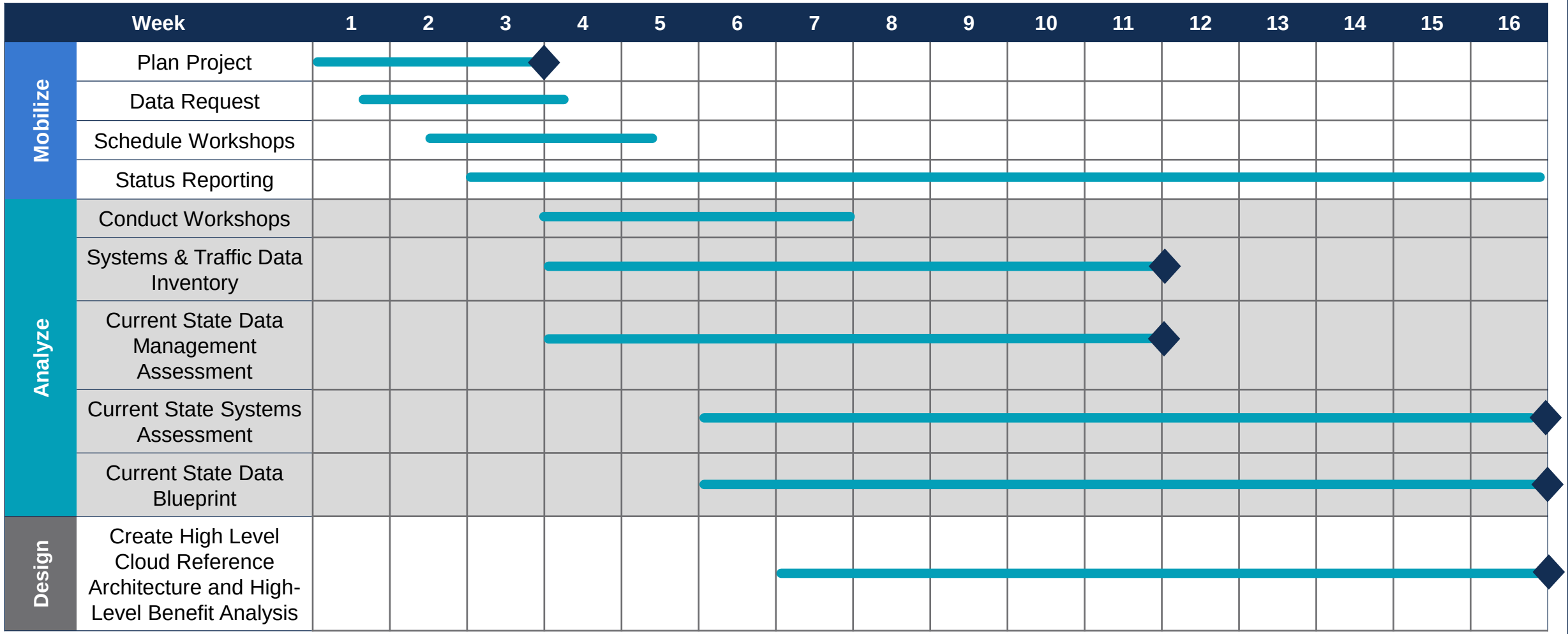
1. Data Security
2. Data Governance Processes
3. Master Data Management
4. Technology Architecture
5. Data Integration
6. Data Quality

GUIDING PRINCIPLES

1. Do No Harm
2. Preserve Data Integrity
3. Preserve Data Security
4. Minimize Stakeholder Impact
5. Business and IT involvement

HIGH LEVEL PHASE 1 PROJECT PLAN

We plan a 16-week project to document and assess current state and prepare for a smooth transition to Phase 2



Deliverable

DELIVERABLES

Expected outcomes of Phase 1

- **Phase 1 Project Plan – 5/7/2021**
  - Key milestones
  - Expected deliverables
  - Responsible parties

- **Current State Systems & Traffic Data Inventory – 7/2/2021**
  - Provide a general overview of the Traffic Records Systems
  - Provide information on the owner, users, and contact information for the in-scope systems
  - Provide system descriptions for each in-scope system
  - Identify master data and systems of record

- **Current State Data Management Assessment – 7/2/2021**
  - Document current data governance processes
  - Document current data stewards
  - Document current KPIs
  - Document current user personas
  - Identify gaps or improvement opportunities in data governance processes and KPIs

- **Current State Systems Assessment – 8/6/2021**
  - Measure the relative strength and limitations of each in-scope system
  - Identify current issues and improvement opportunities

- **Current State Data Blueprint – 8/6/2021**
  - Map traffic data flow against current in-scope systems
  - Define current data integration points and access methods

- **High Level Cloud Architecture – 8/6/2021**
  - High-level reference cloud architecture recommendation
  - High-level cost/benefit analysis of reference cloud architecture

DRIVING TO FUTURE PHASE ENABLEMENT

Phase 1 sets the stage for Phase 2 and beyond

We Are Here
April – August 2021

1 Blueprint & Strategy Alignment

Conduct an enterprise assessment of the maturity of current state data architecture, governance and technology through interviews, workshops to support the development of the future state definition and implementation roadmap.

ASSESS

DEFINE

DISCOVERY & CURRENT STATE

2 Future State and Solution Selection

Develop and initialize the foundations of the future state definitions and roadmap. Assess solution options, define detailed implementation plans, define detailed architecture and begin the stand-up core roadmap functions.

STANDARDIZE

GOVERN

FUTURE STATE & ROADMAP

3 Design, Build and Delivery

Build out and implement all components in the roadmap to achieve the desired future state outcomes.

ACHIEVE

IMPLEMENTATION

NORTH HIGHLAND

THANK YOU

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Questions