

In Person Monthly Panel Meeting

**Connected Intersections
Message Monitoring
Systems Requirements &
Prototype Development (CIMMS)**

May 1, 2024



Welcome and Review of Meeting Agenda

Agenda

Welcome and Introductions

**Project Management update and Close
Out**

Prototype Update

Phase II Scope Discussion

Next Steps

Project Management Updates

PM Highlights

- Current Contract ends 05/15/24
- Task 5
 - *Software Design Document (SDD): Completed; Final Delivered 04/04/23*
 - *System Integration Design (SID): Draft Delivered 05/19/23; Final Delivered 06/16/23*
 - *Software Development: Complete; Final release applied for MCDOT and UDOT and on GitHub*
 - [Ingest VM](#) [Application VM](#) [Database VM](#)
- Task 6
 - *Prototype System Deployment Criteria: Completed; final delivered 12/13/22*
 - *Site Selection Criteria: Completed ; final delivered 02/13/23*
 - *Site Selection: Completed as of 04/17/23*
 - *System Test Plan (STP): Draft delivered on 07/26/23*
 - *System Test Plan (STP): Final delivered 09/06/23*
 - *Prototype System Deployment (2 locations): Complete*
 - *System Testing: Complete*
 - *System Monitoring (2 locations): Complete*
 - *System Assessment Report: Submitted final version on 02/16/24*
- Task 7 - Final Report:
 - *Submitted final version on 03/01/24*

Task 6: Prototype

Prototype Updates

- Maricopa is now running 6 intersections
- UDOT is now running 5 intersections
- Added the ability to show vehicle activity to the map page
- Updated vehicle BSM Coloring
 - Ensures Deterministic Vehicle Colors
 - Better handles Multiple vehicles simultaneously
- Added the ability to run mongo in a sharded configuration
 - *This should enable better scalability for future larger deployments.*



Phase II Scope Discussion

Phase II Scope Discussion

[Feature List](#)

[Scope](#)

Next Steps

Next Steps

- Finalize Project Phase II scope and budget
- Kickoff Project Phase II

- Next CV-PFS Meeting is scheduled for 05/31/24 @ 1pm ET
- Next Panel Meeting is scheduled for 06/21/24 @ 2pm ET

Thank you!

Questions?

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