In Person Monthly Panel Meeting

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

May 1, 2024





May 2024

Welcome and Review of Meeting Agenda



<u>\\S</u>D

May 2024

3

Agenda

Welcome and Introductions

Project Management update and Close Out

Prototype Update

Phase II Scope Discussion

Next Steps



May 2024

Project Management Updates





May 2024

5

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



\\S])

May 2024

Task 6: Prototype

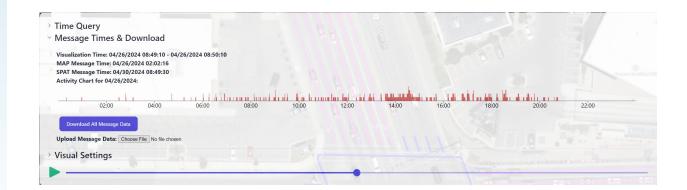


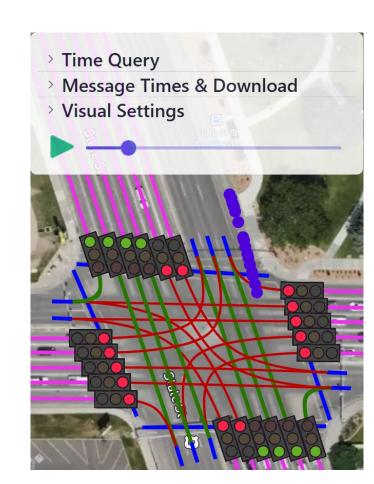
<u>\\S</u>])

May 2024

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.







May 2024

Phase II Scope Discussion





May 2024

9

Phase II Scope Discussion

Feature List

<u>Scope</u>

Neaera Consulting Designing for the future

May 2024

Next Steps



vsp

May 2024

11

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



May 2024

Thank you!

Questions?

Please contact :

Frank Perry Frank.perry@wsp.com Mobile: +1 734-552-9638



\\S])