Today's Agenda

- Next Steps
- Alternative Design

Discussion

- Next Steps
  - Let's look at the timeline
    - Ben and I have will configure Crash Query, Network Screening Segments to use later
    - Let's get into Alternative Design - Why wait….
- Alternative Design Success Outcome Validation
  - Create an alternative design project
  - Define roadway/intersection characteristics for a project
  - Create a No Build design scenario
  - Create proposals for changes to the roadway/intersection characteristics
  - Add cost estimations
  - Generate benefits based on changes to the roadway/intersection characteristics
  - Generate a benefit-cost ratio based on treatments, as well as project-level benefit-cost ratios
  - Compare No Build scenarios with proposals
  - Save and share reports

Discussion

- Let's talk how far back we want the data
  - 2015
- Before and After Report
  - Include in Demo Training
- State Owned Countermeasures
  - Going to use Custom
    - [CMF Recommended List](#)
    - Product Request to add above link
    - Confirmed…CMF Applied to Expected Crashes
- Upload DGN/XML for Proposed New Roads
  - Product Ticket Written
- Training Dates: July 24th, no go 31st or 1st
- Geo Boundaries:

  - US House Districts

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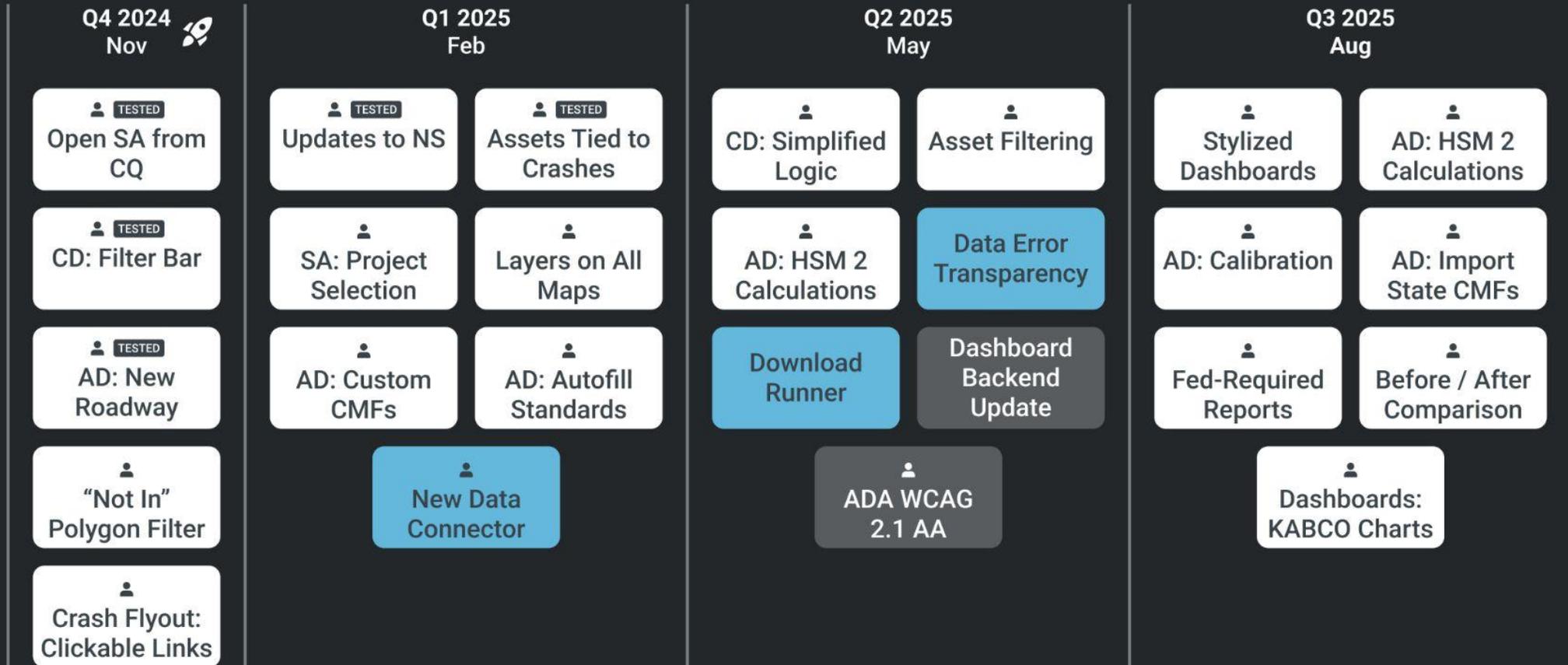
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Success Outcomes

- Perform Predictive Alternative Designs
  - Replace the IHSDM Software with AASHTOWare Safety
    - Rural Two-Lane, Two-Way Roads
    - Rural Multilane Highways
    - Freeways
    - Urban and Suburban Arterials
- Crash Data Self-Service
  - Crashes Visualized On a Map
  - Visualized, Download Crash, Vehicle, and Person Data
  - Identify trends and create custom reports
- Generate Segment Network Screenings
  - Generate On-Demand Network Screening for Segments and Sliding Window

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Project Timeline

Phase	Milestone	2025						
		May	June	July	August	September	October	November
Phase 1	Crash Data Collection	2 Months Estimated Completion Time						
Phase 1	Segment Data Collection		2 Months Estimated Completion Time					
Phase 1	Crash/ Segment Implementation		4 Months Estimated Completion Time					
			Crash Query		Network Screening / Sliding Window Analysis			
Phase 2	Alternative Design Implemenation						2 Months Estimated Completion Time	
							Alternative Design	

Product Roadmap

Q4 2024 — Nov 🚀

- **[TESTED]** Open SA from CQ
- **[TESTED]** CD: Filter Bar
- **[TESTED]** AD: New Roadway
- "Not In" Polygon Filter
- Crash Flyout: Clickable Links

Q1 2025 — Feb

- **[TESTED]** Updates to NS
- **[TESTED]** Assets Tied to Crashes
- SA: Project Selection
- Layers on All Maps
- AD: Custom CMFs
- AD: Autofill Standards
- New Data Connector *(Infrastructure)*

Q2 2025 — May

- CD: Simplified Logic
- Asset Filtering
- AD: HSM 2 Calculations
- Data Error Transparency *(Infrastructure)*
- Download Runner *(Infrastructure)*
- Dashboard Backend Update *(Maintenance)*
- ADA WCAG 2.1 AA *(Maintenance)*

Q3 2025 — Aug

- Stylized Dashboards
- AD: HSM 2 Calculations
- AD: Calibration
- AD: Import State CMFs
- Fed-Required Reports
- Before / After Comparison
- Dashboards: KABCO Charts

Legend

- 🚀 Released
- 👤 From Users
- **[TESTED]** User Tested
- ⬜ New Feature
- 🟦 Infrastructure
- ⬛ Maintenance

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Next Steps

Kentucky:

- Ed to send over additional Crash/Person/Vehicle Data (Prior to 2020)
- Alex/ Eric's Team to fill out Crash Distribution for Alternative Design

Numetric:

- Setup Demo Training Crash Query/Network Screening
- Configure Alternative Design and Predictive Analysis

Next Call: July 30th, 2025