Florida's Traffic Records Coordinating Committee

Status of FY21 Projects and Critical Updates on Current TR Projects

presented to

TRCC

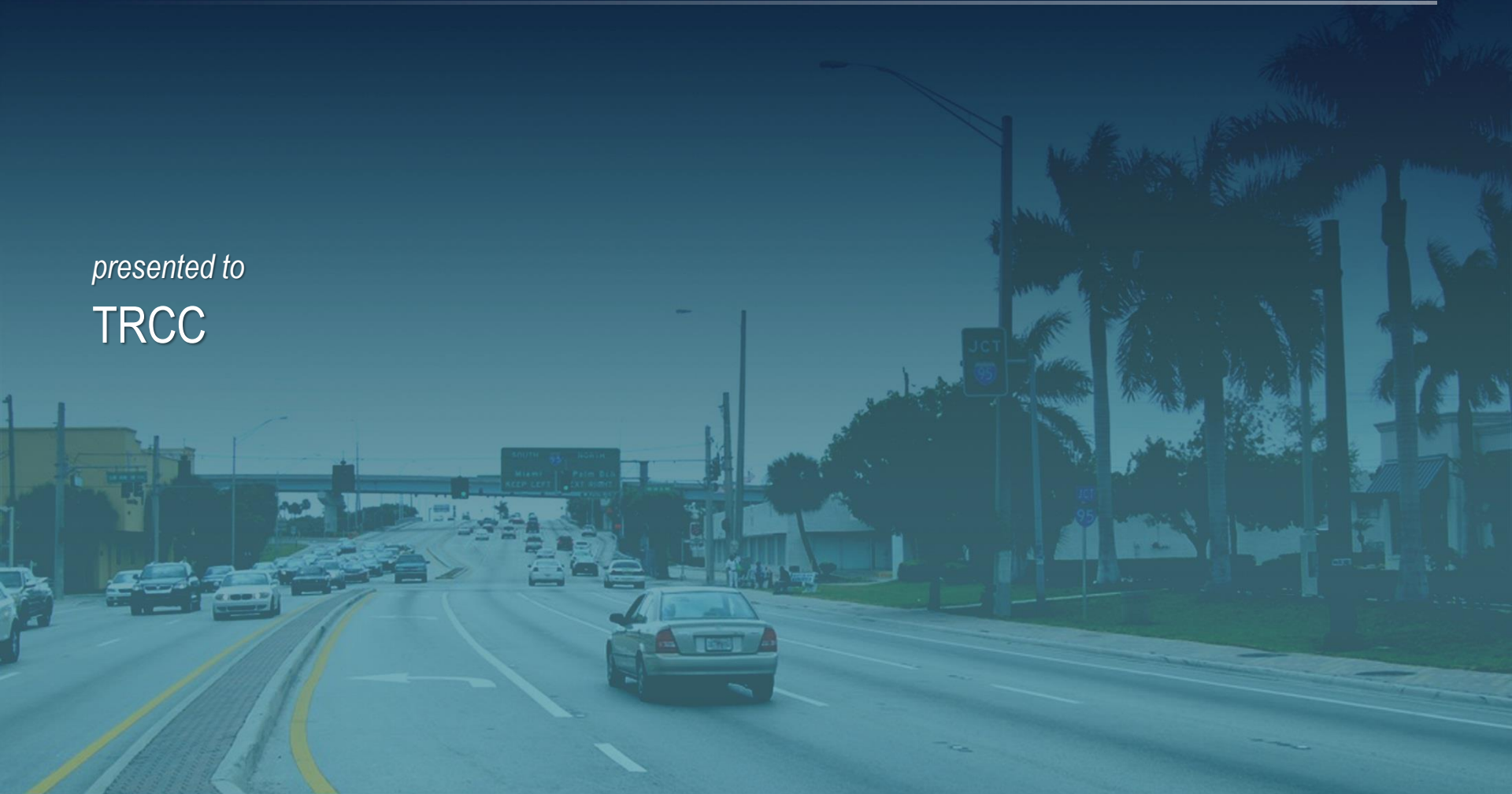**September 11, 2020**

Critical Updates on FY20 TR Projects

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DATA WHEN, WHERE, AND HOW YOU NEED IT

Break

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Status of FY21 TR Projects

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Agency	Project Titles	Funding Requested	Funding Source
FDOH	Field Data Collection for NEMSIS	$442,225	**405(c)**
UF	Expanding Accessibility, Utilization, and Data Integration of Signal Four Analytics	$467,346	**405(c)**
UF	Unified and Sustainable Solution to Improve Geo-Location Accuracy and Timeliness of Crashes and Citations	$168,546	**405(c)**
FSU	TraCS Support & Enhancement	$924,268	**405(c)**
FLHSMV	Crash and UTC Data Improvement	$123,300	**405(c)**
FLHSMV	Driver Data Improvement **(NEW PROJECT)**	$59,000	**405(c)**
FSU	ELVIS	$542,490	**402**
TCC	TRCC Support	$27,500	**402**
UF	Geolocation-Based Crash Diagramming and FDOT Crash Mapping to Improve Crash Location Timeliness and Quality	$556,758	**402**
UF	Central Crash Data Repository Crash Data Quality	$189,339	**402**

Total 402	Total 405(c)	Total Awards
$1,316,087	$2,184,685	= $3,500,772

Status Updates

Highway Safety Plan- Approved by NHTSA on 8/28/2020

State 405(c) Application- Pending approval by NHTSA

Quantitative Progress Report- Pending approval by NHTSA

Highway Traffic Safety Subgrant Management System

Award Letters were mailed out early next week and will be in your inboxes within the Intelligrants system as well.

- Coordinator has sent out Subagreement Drafts for approval
- Coordinator will enter approved Subagreement drafts in online system
- REMINDER: Part V updates & Subcontract Appendix for Part V Clauses

Proposed Schedule

2020	Sun	Mon	Tue	Wed	Thu	Fri	Sat
June		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
July	28	29	30	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	1
August	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
September	30	31	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
October	27	28	29	30	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
November	1	2	3	4	5	6	7
	8	9	10	11	12	13	14

Legend:
- 1-Month Call & STRAP Training
- Kickoff Meeting
- Round 1 Data Collection
- Round 1 Analysis
- Prep for Check-in
- Check-in Meeting
- Round 2 Data Collection
- Round 2 Analysis
- Facilitator Round
- NHTSA Review
- Report Out (TBD)

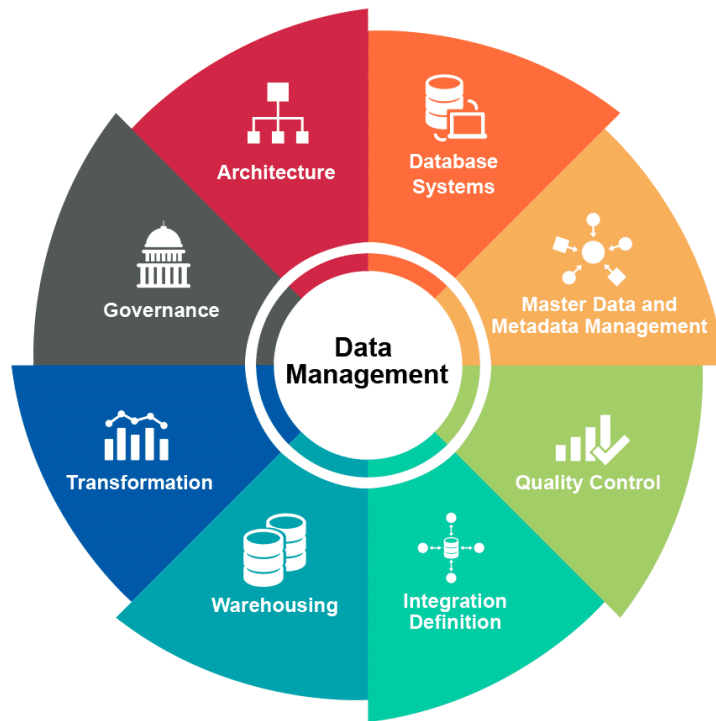# North Highland Recommendations

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NORTH HIGHLAND RECOMMENDATIONS

1. **Consolidate crash location process into a single platform** ✈️

2. Establish a cross-organizational task group charged with the implementation of the portfolio of quick hits regarding Data and Capability Gaps

3. **Establish organizational governance structure for the future of Signal 4**

4. Dedicate the required resources to maintain the All Roads Base Map (ARBM)

5. Need to expand the Model Inventory of Roadway Elements (MIRE) currently captured

6. **Develop a single accessible repository for all Crash related data for the safety stakeholders**

7. **Define user needs for data analysis and reporting**

✈️ = Project Inflight

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Request for Proposal Scope

RECOMMENDATIONS

Establish organizational governance structure for the future of Signal 4

Benefits

1. Ensures decisions can be made timely with input from all impacted stakeholders
2. Clearly defines roles and responsibilities for the future of Signal 4 operations and maintenance
3. Effective governance provides:
   a. Continuous alignment with program strategy
   b. Optimized utilization of resources
   c. Tracking and monitoring of project delivery
   d. Identification, assessment, and mitigation of risks

Next Steps

- Establish the goals and objectives of governance and the expectations for all agencies
- Obtain leadership buy-in and support
- Define the operating requirements for the governance model
- Factor in any applicable regulatory, governance or legal requirements
- Define governance guiding principles
- Design the governance structure

Challenges

- All impacted agencies will need to commit the time and resources to participate

Timeline

- Start within the next 3 months

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RECOMMENDATIONS

Develop a single accessible repository for all Crash related data for the safety stakeholders

Benefits

1. Ensures data that is enhanced by a crash data stakeholders is distributed to all users
   a. Example: Validated location data from FDOT could be provided to FLHSMV, DOH, and the public
   b. Example: Linked EMS data could be provided to FLHSMV and FDOT, to increase the accuracy of injury severity
2. Eliminates the duplication of data across agencies

Next Steps

- Define single repository architecture design for all Traffic Record Systems
- Define multi-agency data model for single repository
  - Synchronize definitions across Crash data stakeholders
- Review potential cloud options for a centralized repository
- Develop a pilot using the current Signal 4 and EMS data as a proof of concept
  - Establish success criteria for pilot

Challenges

- Need to determine who would own own and maintain the centralize repository (data governance)
- Define table/field level access and security requirements for each agency to limit access to only required data

Timeline

- Planning - Start in next 3 months
- Detailed Design, Development, and Implementation – Start in 12+ month

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RECOMMENDATIONS

Define user needs for data analysis and reporting

Benefits

1. Provides more real time access to crash data for analysis
2. Ensures stakeholder reporting needs are met
3. Identify unmet reporting and analysis needs

Next Steps

- Decision driven approach for report/query development: Understand the decisions being made across the organization and the information/knowledge needed to address these
- Performance Management Driven: Understand the current metrics, identify new ones and ensure the reporting supports those needs
- Establish quality levels for interim reports and verified report
- Determine data sharing methods
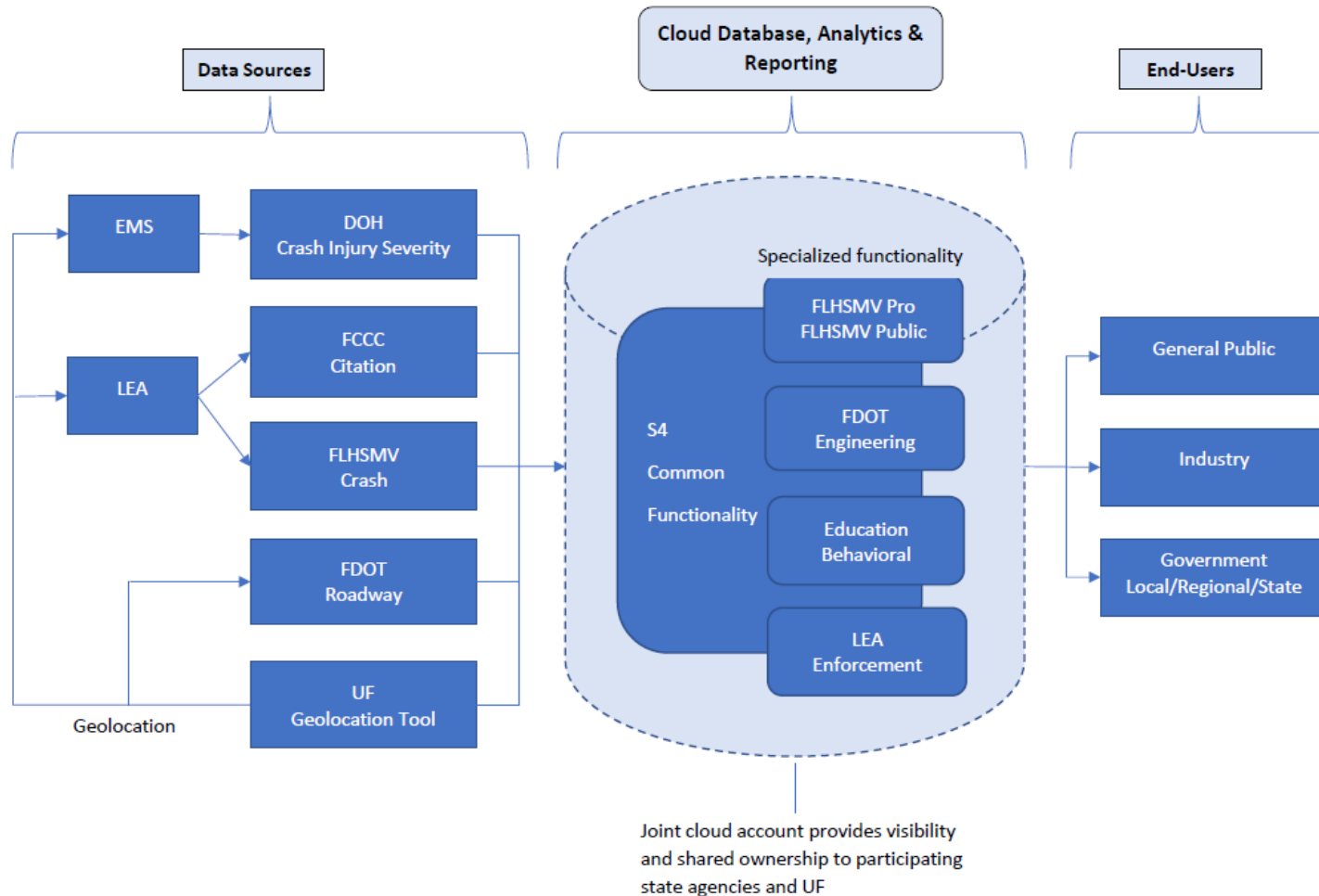- Coordinate with Signal 4 around current reporting and analysis efforts

Challenges

- Need to identify all impacted stakeholder groups and reporting needs
- All impacted agencies will need to commit the time and resources to participate
- Some data may have restrictions on how it can be shared

Timeline

- Start within the next 3 months

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SIGNAL 4 VISION

Florida Cloud-Based Traffic Safety Information System (Phase I)

Data Management Maturity Model
FLHSMV

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Next Steps

Future Meeting Dates

December 4, 2020
Critical Updates on FY21 Traffic Records Projects

April 9, 2021
Executive Board Meeting: FY22 Projects (VOTING)

Future Date TBD (March)
Application Review Subcommittee Meeting: FY22 Projects

Future Date TBD (Sept.)
Status of FY22 Projects / Critical updates on FY21 TR Projects

Meeting Adjourned

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