SAFETY PROJECT HIGHLIGHT

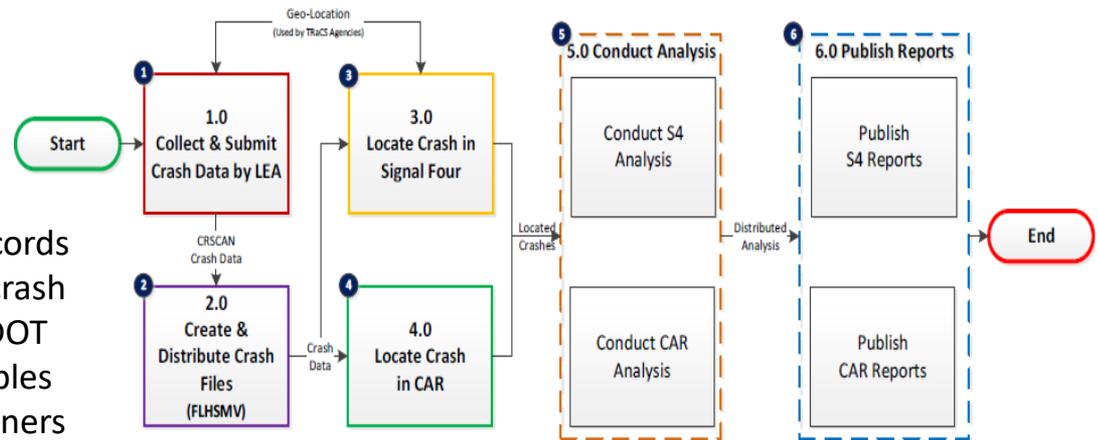**FDOT**

TARGET ZERO — FATALITIES & SERIOUS INJURIES

The mission of the Florida Department of Transportation (FDOT) is to implement the strategies of Florida's Strategic Highway Safety Plan to eliminate fatalities and serious injuries on all public roads

PROJECT: CRASH RECORDS LOCATION VERIFICATION & CONSOLIDATION

Merging crash records location processing with Signal Four Analytics

Date/Duration: July 2020 –June 2021

Description: The State Safety Office crash records staff add geographic location coordinates to crash data from FLHSMV, to cross reference with FDOT roadway characteristics inventory, which enables location-based retrieval of crash data for planners and engineers to conduct historical and predictive safety analysis.

Flowchart:
- Start
- Geo-Location (Used by TRaCS Agencies)
- 1.0 Collect & Submit Crash Data by LEA
- 2.0 Create & Distribute Crash Files (FLHSMV) — CRSCAN Crash Data
- 3.0 Locate Crash in Signal Four
- 4.0 Locate Crash in CAR — Crash Data
- 5.0 Conduct Analysis — Conduct S4 Analysis / Conduct CAR Analysis — Located Crashes
- 6.0 Publish Reports — Publish S4 Reports / Publish CAR Reports — Distributed Analysis
- End

Benefits: Accuracy, consistency, timeliness, integration, and accessibility

- Unites timeliness of Signal Four (S4) Analytics with accuracy of existing Crash Analysis Reporting (CAR) system
- Eliminate duplication of efforts
- Faster processing to provide safety data for analysis
- Accessible outside FDOT firewall
- Intuitive – reduces training and orientation needs