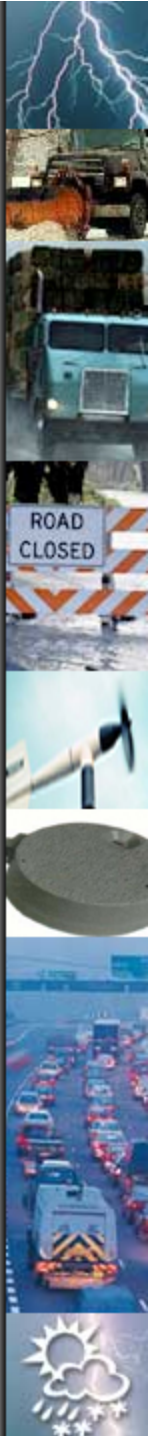


Clarus Initiative

ICC Meeting # 2

Scenario A:
Roadway Maintenance and
Construction Operations Function

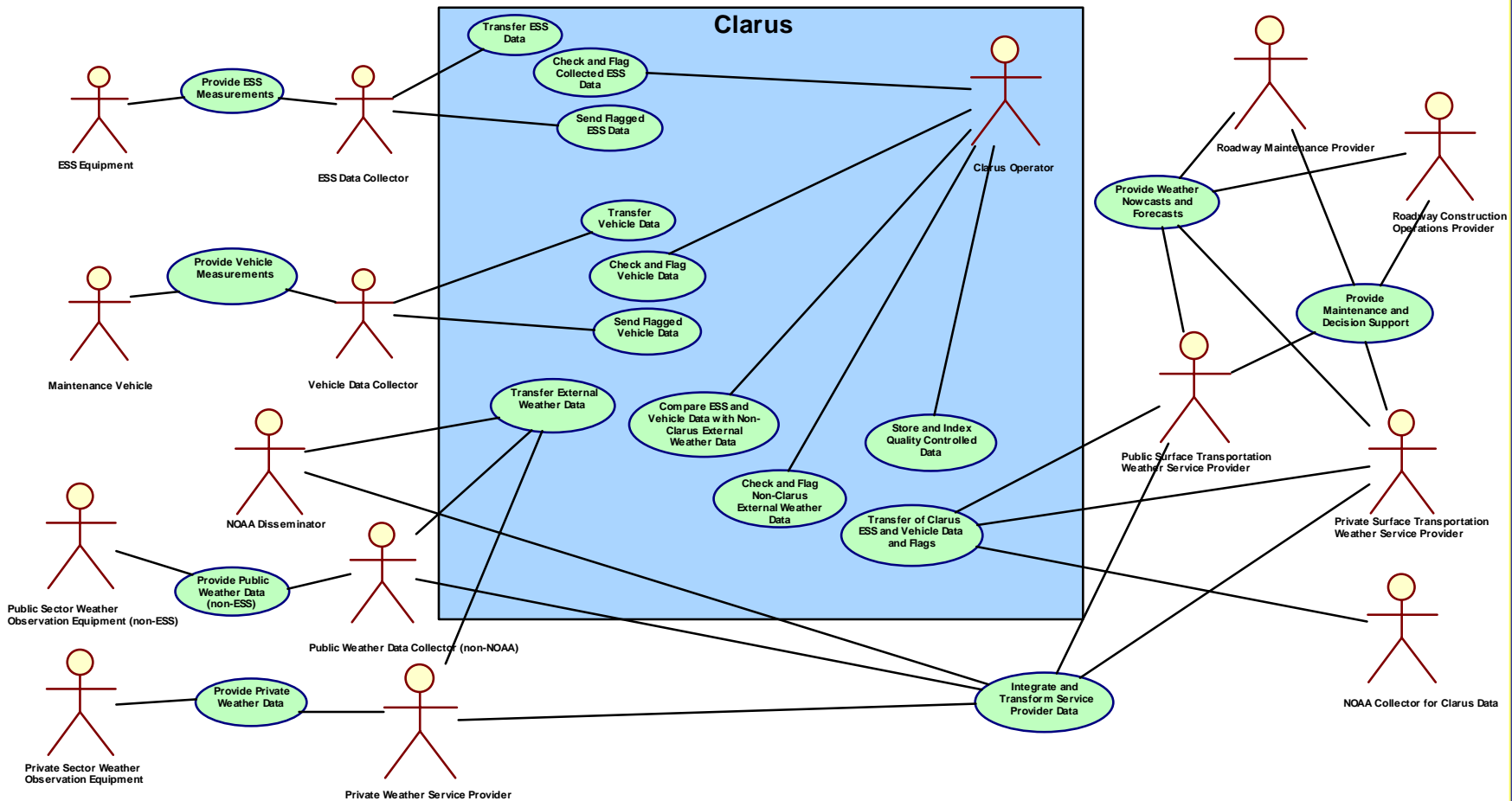


Roadway Maintenance and Construction Operations Function

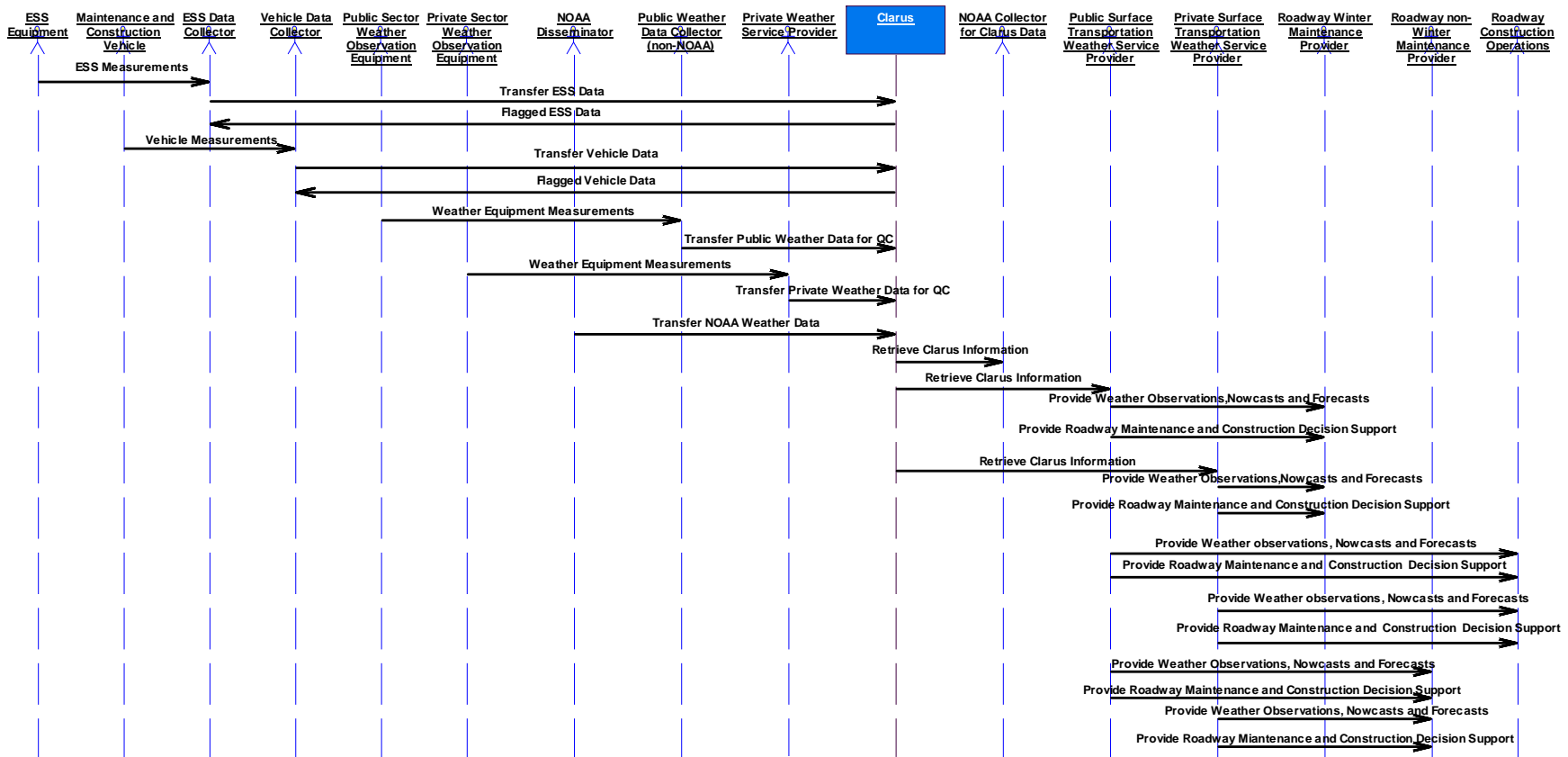
- Collect data from mobile and fixed observation platforms
- Quality-controlled observation data to
 - Roadway Maintenance Providers
 - Construction Operations Providers
- Provide support for winter and non-winter maintenance decision making
- Enhance construction operations scheduling
- Verification of upwind conditions (e.g., across State boundaries)
- Improved forecast of weather and pavement conditions



Use Case Diagram

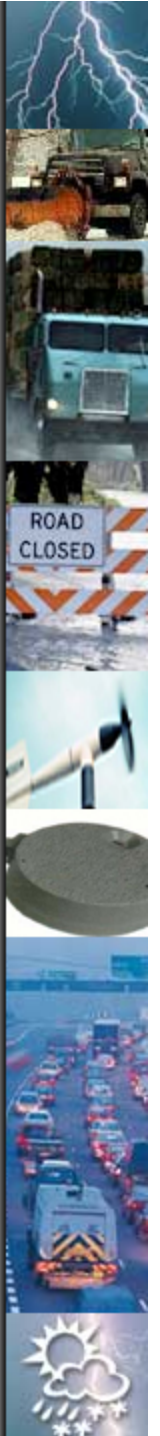


Sequence Diagram



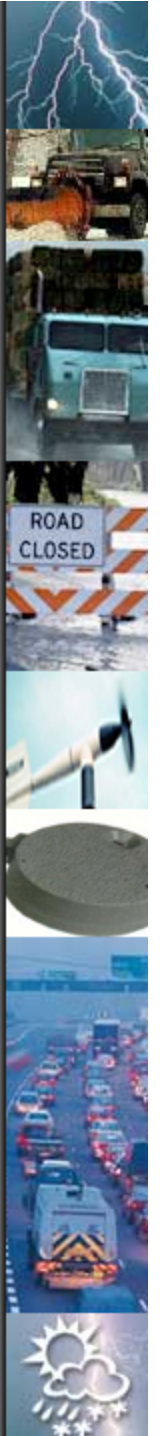
Discussion Topic # 1

1. Do the use case scenarios documented in the Concept of Operations report capture all the Clarus operational needs?



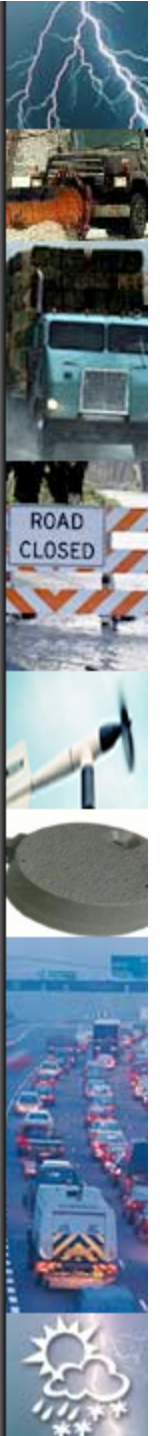
Discussion Topic # 2

2. Do the actors/use cases interfacing in the Clarus System adequately capture Clarus operations in support of your needs?



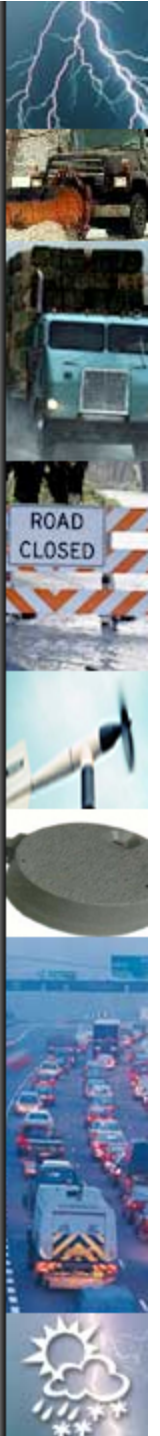
Discussion Topic # 3

3. What potential changes do you anticipate in services rendered by Weather Service Providers as Clarus becomes an active quality-controlled data clearinghouse resource?



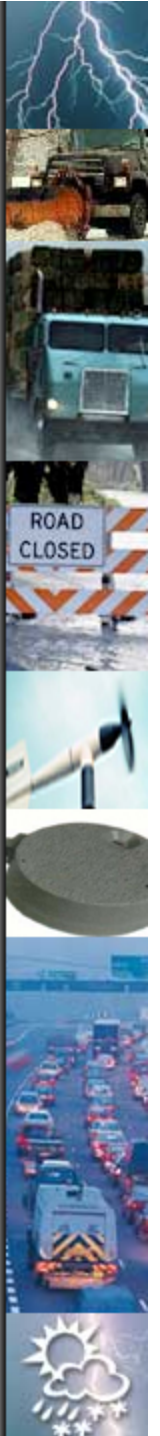
Discussion Topic # 4

4. How will Clarus differ from what is presently provided by Weather Service Providers?



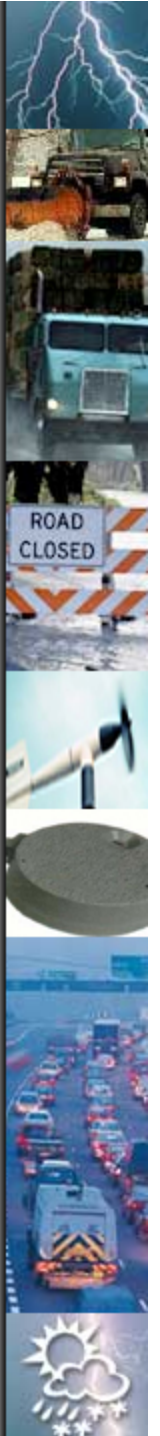
Discussion Topic # 5

5. What are the advantages / disadvantages of a regional vs. national Clarus data collection and/or dissemination system?



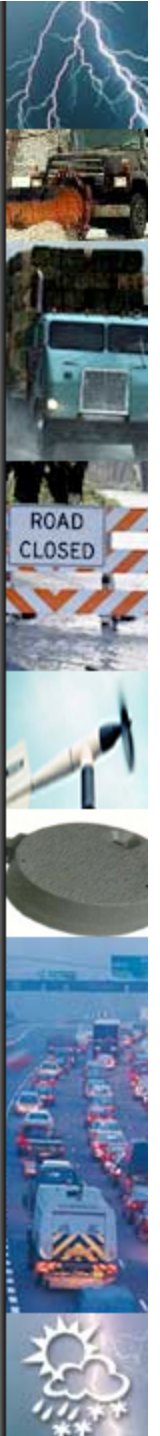
Discussion Topic # 6

6. Are there other technical/institutional issues affecting Clarus in addition to what is contained in the Concept of Operations report?



Discussion Topic # 7

7. What other task force groups are needed for the design phase (e.g., standards and architecture)?



Discussion Topic # 8

8. What is the scope of Clarus vis-à-vis related State DOT databases such as road condition (e.g., CARS, HCRS, IRIS) and CCTV servers?

