Study Area
What is the Tideflats Emergency Response (ER) and Intelligent Transportation System (ITS) Study?

The study is assessing the emergency response capabilities within the Tideflats area and the potential applications of Intelligent Transportation System technology. It is intended to serve as a supplement to the Port of Tacoma’s Tideflats Area Transportation Study (2011), the Port of Tacoma Land Use and Transportation Plan (2014), the City of Tacoma Comprehensive Plan’s Container Port Element (2014), and the City’s ongoing update to the Transportation Master Plan. The Tideflats ER/ITS Study is part of a coordinated effort between a number of stakeholders.

What are the Expected Outcomes from the Study?

The study will recommend actions to improve emergency response capacity and transportation operations. The recommendations may include additional emergency response facilities or modifications to current operating procedures. Additional recommendations will include an ITS Strategic Plan and transportation infrastructure improvements to improve both emergency response and traffic operations. The project team, in coordination with the participating stakeholders will prioritize the recommendations and identify funding strategies.
Why the Tideflats Area?

- Acts as the industrial hub of the City of Tacoma
- Port Strategic Plan calls for doubling container volumes and dry bulk throughput
- Increase in automobile import volume by 20%
- Assess emergency response needs for current and future Tideflats’ land uses
- Recent and proposed street vacations have impacted emergency response
- Recent closures of Fire Stations within the Tideflats have impacted emergency response capabilities
- Impacts to travel patterns due to closure of E 11th Street Viaduct
- Increasing congestion along SR 509, Port of Tacoma Road and other Tideflats area arterials

Participating Stakeholders

- City of Tacoma (Planning, Public Works, Fire, Police, Rail)
- Port of Tacoma
- City of Fife
- Washington State Department of Ecology
- Washington State Department of Transportation
- Puget Sound Energy
- Puyallup Tribe
- US Oil
- Targa Sound Terminal
- Totem Ocean Trailer Express

Additional Information

Additional information associated with the study is available at the Planning and Development Services Department, 747 Market Street, Room 345; and on www.cityoftacoma.org/Planning - “Emergency Response/Intelligent Transportation System.” If you have additional questions or comments please feel free to contact Shirley Schultz at (253) 591-5121 or shirley.schultz@cityoftacoma.org
Existing & Planned ITS Projects

Other Potential ITS Tools:
1. Information
2. Traffic Operations Management
3. Traveler Information
4. Emergency & Incident Management
The Purpose of the Study is to:

- Build upon the previous Port of Tacoma and City studies that identified the current and planned Tideflats transportation network to conduct an assessment of current and likely future emergency response capability into, emergency response capability out of, and emergency evacuation out of the study area.

- Identify the current and anticipated impact of rail and traffic congestion through 2035.

- Identify any proposed/planned street vacations that could also result in increased response times by emergency service providers and impact emergency evacuation of the area.

- Provide proposed mitigation measures to account for the identified impacts created by proposed street vacations.

- Identify and prioritize traffic improvements that preserve or improve emergency response capability and emergency evacuation.

- Map the planning process for the development and implementation of an intelligent transportation system (ITS) within the study area.

- Provide a model of prospective and anticipated long-term locations from which to base emergency response into and out of the study area.

- Describe alternative funding strategies for securing the desired outcomes.
## The Scope of Work Includes:

- Scope Definition
- Review and Update Previous Transportation Studies and Plans and Information
- Review and Update Known, Planned or Proposed Economic Development
- Review and Update Planned or Proposed Transportation Improvements
- Review Planned or Proposed Street Vacations
- Review and Update Traffic Forecasts
- Create an Intelligent Transportation System (ITS) Strategic Plan for the Tideflats
- In Cooperation With Fire Department Planning Staff, Conduct an Assessment of Emergency Response in the Study Area
- Prioritized Improvements
- Recommended Fire Station Locations
- Preparation of Draft Report
- Presentation
- Preparation of Final Report