Structures Expert Task Group (ST)

Member Name	Division/Branch	Title
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Andrew Blower, P.E.	Bridge Engineering	Senior Structure Coatings Engineer
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Jonathan Rooper, P.E.	Bridge Engineering	Senior Load Rating Engineer

Research Priorities

This ETG reviews any research problem statements related to structures activities statewide.

The following bullet points are areas of potential research this Expert Task Group (ETG) will pursue and examine for funding:

Structure Topics

- All topics related to design, construction, maintenance and inspection of bridges, including foundations.
- All topics related to bridge decks, approach slabs, rails, approach rails, and overlays. This topic will overlap with the Pavement & Materials (PM) ETG in terms of structural materials.
- Hydraulic topics directly related to the aforementioned bridge components. This topic will overlap with the Geo/Hydro/Environmental (GHE) ETG.
- Culverts over 20 feet (perpendicular to the water flow direction). This topic will overlap with the GHE ETG.
- Luminaire structures, overhead sign structures, and Variable Message Sign (VMS) structures.

A few excluded topics for this ETG would be:

1. Retaining walls that are not part of a bridge foundation.
2. Slope stability issues.
3. Fish passage issues (i.e. channel hydraulics upstream and downstream of a bridge structure).
4. Culverts under 20 feet (perpendicular to the water flow direction).