## Workshop Series

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“Driving Down Fatalities Through Knowledge Sharing”
Outline

- What is HSIP?
- What is D7 doing?
- HSIP Applications
  - Traditional Paper Forms
  - Pilot Online Applications
- Next Steps
What is HSIP?

- **Highway Safety Improvement Program**
- Federal Aid (MAP-21) program to achieve a significant reduction in traffic fatalities and serious injuries on all public roads.

“Reducing Fatalities and Serious Injuries”

“Driving Down Fatalities Through Knowledge Sharing”
What is HSIP?

- Data-driven
- Strategic approach
- Focus on performance
- All public roads
  - Including non-State owned
D7 Approach to HSIP

- Local Agency Traffic Safety Academy
- D7 Safety Summit
- Local Agency Safety Funding Guide for Off-System Roadways

"Driving Down Fatalities Through Knowledge Sharing"
Proactive Safety Approach
D7 Local Agency
Traffic Safety Academy

- Free webinar series focused on sharing knowledge about traffic safety
- Driving Down Fatalities Through Knowledge Sharing
D7 Safety Summit

- Formal process to proactively identify potential projects on a district-wide basis.
- Brief local agency partners on current efforts and strategies to reduce crashes.
- Currently at the end of the 2013 cycle.
- 4th Annual Safety Summit March 5, 2014
Application Requirements

- Outlined in the Local Agency Safety Funding GUIDE
  - Introduction and Purpose
  - Analyzing Data and Identifying Candidate Projects
  - Identifying Countermeasures
  - Off-system Application Form
  - Calculating BC Ratio
  - Identifying Funding
  - Evaluation of Effectiveness
  - Processing of Submitted Applications

http://www.d7safetysummit.org
Application Requirements

- Candidates must meeting Off-system HSIP Funding Objectives to be approved
  - Reduction of Fatal and Severe Crashes
  - Not intended to supplement available Capital Improvement Program projects
Application Requirements

- Support and buy-in is required for candidate projects.
  - Public Involvement
  - Elected Officials
  - Higher Level Agency Official (e.g. Public Works Director)
Application Requirements

- Data Requirements
  - Crash History
  - Cost Estimate
  - Benefit Cost
  - Concept Plans
  - Right of Way
  - Photo Log
  - Design Provisions
  - Design Exceptions
FDOT District 7 announces the “Call for Projects”

Application Inputs

Many Local Agencies will have locations and improvements selected prior to the Call for Projects

Application Process

Review Program Guidelines

Begin preparing Application using the PDF Application Form

Location Identification: System-wide, Roadway Segment, or Intersection

Crash Date: Use locally-preferred source or CDMS

Crash Problem/PATTERN Identification: Crash Reports, Collision Diagrams

Preliminary Design: Plan showing improvements

Countermeasure Selection: Cost-effectively address the Crash Problem/PATTERN

Determine Total Project Cost: Detailed Engineer’s Estimate, PL, ROW, GE costs

Calculate the B/C Ratio: This step must be done using CDMS

Complete documents & submit to FDOT District 7 (Refer to Section 8 for list of documents to be submitted)

Way to Increase Chances for Funding

The “District 7 Local Agency Safety Funding Guide” provides guidance for a comprehensive proactive safety analysis approach, which includes Location Identification.

If the Resulting B/C is low, the Local Agency may use guidance in the new District 7 Local Agency Safety Funding Guide and CDMS to identify new locations and/or countermeasures.

Agency submits Application to District 7 Safety Office

“Driving Down Fatalities Through Knowledge Sharing”
Key Issues

- Right of Way
  - Easements and Corner clips
- Public Involvement
  - Buy-in from stakeholders
- Constructability
  - Florida Green Book Standards
  - Cost Effective
  - Utility Conflicts

"Driving Down Fatalities Through Knowledge Sharing"
Key Issues

- Due diligence for each project to minimize chances of being derailed down the road after funds have been committed.
- Remember that Federal process and State guidelines will need to be met.
How to Apply?

- Traditional Paper Forms (will be phased out)
- Online Application Forms
Paper Application

- Basic project indexing information
Paper Application

- A detailed project description
- Explanation of R/W, Utility and Environmental impacts

“Driving Down Fatalities Through Knowledge Sharing”
Paper Application

- Three year crash history is adequate
- Numbers of total crashes
- Number of fatal crashes
- Number of severe injury crashes

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<th>Involving Injury Crashes</th>
<th>Not Involving Injury Crashes</th>
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<tr>
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<td>Ped Crashes</td>
<td>Motorcycle Crashes</td>
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"Driving Down Fatalities Through Knowledge Sharing"
Thorough explanation of crash problem, proposed improvement, and projected crash reduction required
Application must be signed by Public Works Director or higher level agency official
2013 Pilot Online Application

- Basic project information
- Parallels the traditional paper forms
2013 Pilot Online Application

- Detailed project information
- Expandable subsections

- Crash History
- Cost Estimate
- Right of Way
- Photo Log

- Design Provisions
- Concept Plan
- Design Exception
- Off-system Agreement

“Driving Down Fatalities Through Knowledge Sharing”
2013 Pilot Online Application

- Unified upload platform for supporting documents, comments, and status updates.

- Crash history example
Next Steps

- 2014 D7 Safety Summit
  - March 5th 2014
- Online Application Update
  - Expand On-line Forms
  - Paperless Application
  - Migrate to SharePoint
- Data Requirements
  - Focus on NVP (Net Present Value)

“Driving Down Fatalities Through Knowledge Sharing”
Questions?
Workshop Series

Upcoming Presentation

December 4th
Safety Funding Categories / Requirements / Conditions

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“Driving Down Fatalities Through Knowledge Sharing”