SYSTEMIC WIDENING PROGRAM (SSWP) CALL FOR PROJECTS

Darren McDaniel, P.E.
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SSWP Requirements

- Rural 2-Lane 2-Way Highway
- Less than 24 ft. paved surface width
- Average Daily Traffic $\geq$ 400 vehicles per day
SSWP Requirements

- Widening to 26 ft. or 28 ft.
- Edgeline Rumble Strips
- Centerline Rumble Strips
Total Risk Factor Weights (TRFW)

- K and A Crashes
- Run-off the Road
- Head-on
- Crash Total
- Crash Over-Representation
- Crash Under-Representation

(b) Moderate volume (700<ADT≤1,500)
Total Risk Factor Weights (TRFW)

Systemic Widening Risk Factors

- Average Daily Traffic
  - Low (400-699)
  - Moderate (700-1,499)
  - High (1,500+)

- Lane and Shoulder Width

- Truck Percentage

- Alignment
Proposed SSWP Projects

- Any Highway with TRFW ≥ 60
- Top 2 SSWP Projects in each District
- Eligible Highways that will be 100% wider than or equal to 24 ft. after project

<table>
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<th>District</th>
<th>HWY</th>
<th>Limits From</th>
<th>From DFO</th>
<th>Limits To</th>
<th>To DFO</th>
<th>Length of Project</th>
<th>Total Risk Factor Weight (TRFW)</th>
<th>Current Width</th>
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District Concurrence

- **Yes**  
  - HSIP Project
  - District Funded Project
  - Environmental Concerns

- **No**  
  - Limit Adjustments

- Request next highest project in District added to list
SSWP Funding

- $15.5 Million per Year
- Fiscal Year 2018
- Fiscal Year 2019
- Fiscal Year 2020
- Fiscal Year 2021
Detailed Estimate

- Current Estimate
  - Based on $100K per foot per mile

- Detailed Estimate
  - Only if funded

- BRG Division Review
  - Structures and Bridges Widened
Future SSWP Projects

Solutions for Saving Lives on Texas Roads

- Identify potential SSWP Projects
  - Up to 2,000 miles
  - $636 million
  - Potential Lives Saved 200–300 lives
  - Estimated Cumulative Benefit $1.3 billion