Discussion Topics

- SD Division Office Overview
- Transportation Funding & Infrastructure Bill
- National Safety Picture Data & EDC Initiatives
- Rural Opportunities to Use Transportation for Economic Success (ROUTES)
- LTAP & TTAP Update
- Transportation in the Future?
Trip to Ireland

Bucket List Trip

• Lane Stripe Differences
• Signing Differences
• Intersections
Chris Kwilinski – Safety Engineer
Ron McMahon – ROW Program
Patricia Dean – Finance Professional Developmental (PDP) Program
FHWA SD Division Overview

- FHWA Stewardship & Oversight Agreement w/ SDDOT
  - SDDOT is our Direct Partner
- FHWA uses a Risk-Based Approach
- National & Division Annual Work Plans
  - National – Strategic Plan, National Reviews
  - Division – Unit Plan, Program/Project Local Risks
- Innovation, EDC, Delegation, TPM, Freight, etc.
  - TPM Pavement Condition Thresholds
- “Federally-assisted, State-administered” program
FHWA General Topics

- **New Infrastructure Act or Re-authorization Bill?**
  - Bipartisan Support for Transportation
    - FAST Act ends September 2020 ($225B for highways)
    - How to Fund (Federal, state, local, private, VMT, Increase Taxes)?
  - Proposals being worked on by many sources
    - House & Senate Committees, Highway Policy Board, AASHTO, etc.
    - Must provide “sustainable, long-term federal funding”

- **Highway Trust Fund (HTF) Future?**
  - Revenues come from taxes on highway users
    - 18.4 cents/gal on gas, 24.3 cents/gal on diesel
  - Has become financially unsustainable
    - Since 2008, $115B has been moved from the General Fund to the HTF
    - The HTF is likely only solvent for the next few years
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Change in Fatalities by Type (2007 to 2016)

- **Passenger Car Occupants**: Down by 19%
- **Light Truck Occupants**: Down by 17%
- **Large Truck Occupants**: Down by 10%
- **Motorcyclists**: Up by 2%
- **Pedestrians**: Up by 27%
- **Pedalcylists**: Up by 20%

Source: FARS 2007 Final & 2016 ARF
United States
Crime Crash Clock (2017)

Crime
47 murders each day

Crashes
102 fatalities each day
What Can We Do?

Crashes are caused by the alignment of factors that can be both **ANTICIPATED** and **ALTERED**.
1. FHWA’s Proven Safety Counter-Measures

- Roadside Design Improvement at Curves
- Reduced Left-Turn Conflict Intersections
- Systemic Application of Multiple Low Cost Countermeasures at Stop-Controlled Intersections
- Leading Pedestrian Interval
- Local Road Safety Plan
- USLIMITS2
- Enhanced Delineation and Friction for Horizontal Curves
- Longitudinal Rumble Strips and Stripes on Two-Lane Roads
- Median Barrier
- Safety EdgesSM
- Backplates with Retroreflective Borders
- Corridor Access Management
- Dedicated Left- and Right-Turn Lanes at Intersections
- Roundabouts
- Yellow Change Intervals
- Medians and Pedestrian Crossing Islands in Urban and Suburban Areas
- Pedestrian Hybrid Beacon
- Road Diet
- Walkways
- Road Safety Audit
Rural Opportunities to Use Transportation for Economic Success ( ROUTES )

• New Initiative from USDOT (rolled out last week)
• 70% of America’s road miles are in rural America
• 20% of Americans live in rural areas, but account for almost 50% of fatalities
• 90% of bridges posted for weight limits are in rural areas
• ROUTES will ensure discretionary funding and financing opportunities are available to rural stakeholders
• Engage rural transportation stakeholders to educate project sponsors about grant funding and financing opportunities
• Projects in SD – 4 TIGER, 2 BUILD, 2 INFRA
LTAP and TTAP Updates

• LTAP
  • LTAP Strategic Plan is currently being updated
  • Drafting Updated Goals, Objectives & Reporting Needs
  • Winter 2019/20 – Stakeholder Engagement, Public Comment (FR?)
  • May 2020 – 2020-2025 Strategic Plan Roll-out

• TTAP
  • National Pilot Summary Webinar(s) in November?
  • Provide Feedback and Analysis of the 2-year TTAP Pilot that ends December 2019
Transportation in 20 years?

What will it be?

EDC-6 requests start in November
Questions??

Thank you for your attention.

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