R-1 Planning Target Development

CDTC
Planning Committee
February 2, 2022

Greg Wichser
R-1 Capital Program Manager
Planning Target Development

- Needs Assessment
- Federal Highway Funds Available
- Non Federal Aid
- Planning Targets Assembled
Planning Target Development

- Needs Assessment
- Federal Highway Funds Available
- Non Federal Aid
  - Informs CHIPs and Statewide Programs
- Planning Targets Assembled
Planning Target Development

Needs Assessment

- Asset Modeling – State of Good Repair (SOGR)
  - Pavement, Bridges, Traffic Signals, Guiderail, etc.
- Congestion Mitigation, Road Diets, Other Highway Improvements
- Complete Streets, Enhancements, Sustainability
- Major Projects
- Entire Transportation Network considered
  - All Ownership, State, Local, Authorities
Federal Aid Planning Targets

Highway Bill

Advance Construction (AC)

August Redistribution

Planning Targets

Obligation Authority
Advance Construction???

Program Update

Federal Funds Available

2022  2024  2026  2028

2023  2025  2027

AC  AC

Federal Funds Available
Advance Construction???

Program Update

Federal Funds Available

2022  2024  2026  2028

2023  2025  2027

AC  AC
Advance Construction???

Program Update

2022 2024 2026 2028

2023 2025

Federal Funds Available

AC

AC
August Redistribution
Planning Targets vs. Needs
Planning Targets vs. Needs

System Preservation
Planning Targets vs. Needs
Planning Targets vs. Needs
Asset Management

- FHWA Requirement
  - NHS Centric

- Performance Metrics – MAP 21
  - Safety Targets
  - NHS Bridge Targets
  - NHS Pavement Conditions
  - Interstate Conditions
  - Congestion - Delays

Transportation Asset Management Plan

U.S. Department of Transportation
Federal Highway Administration
R-1 Local Owned Bridge Flags

Region 1
Bridge Flags 2011 - 2020
(Locally Owned Bridges)

Year


Number of Flags

Yellow
Red
Planning Target Assembly

- 8 County Recurring Preservation Projects
  - Pavements
  - Bridges
  - Durable Markings
  - Traffic Signals
Planning Target Assembly

- NYSDOT Sponsored Preservation Projects
  - Interstate Paving
  - Bridge Rehab
    - I-890/Erie Blvd
    - Dunn Interchange

Site Specific Preservation

Multi-Site Preservation
Planning Target Assembly

- NYSDOT Sponsored Renewal Projects
  - Primarily Bridge Replacements

- Site Specific Preservation
- System Renewal Projects
- Multi-Site Preservation
Bridge Replacements

NYSDOT Owned Bridges Built/Replaced Since 1997

CBOW Initiative

75 Year Service Life
11 Bridges Per Year

5 Year Plan

5 Year Running Average
Planning Target Assembly

NHPP
Planning Target Assembly

- Site Specific Preservation
- Multi-Site Preservation
- System Renewal Projects
- Enhancements
- Renewal
- More Preservation
Thank you

Questions?