WISCONSIN TRANSPORTATION TRIBAL CONFERENCE
NOVEMBER 7, 2018

WISCONSIN DEPARTMENT OF TRANSPORTATION
DAVID NGUYEN, P.E.
The FASTEST-PACED mega project in WisDOT history

3 mainline segments  |  6 interchanges

18.5 miles

UNDER 2 YEARS

94 NORTH-SOUTH FREEWAY PROJECT
I-94 NORTH-SOUTH FREEWAY OVERVIEW

New mainline pavement on I-94 near WIS 11 already placed September 2018

North Segment
- 75 Miles
- Let Date: July 2018
- Begins: September 2018
- Ends: May 2020

Central Segment
- 4.5 Miles
- Let Date: May 2018
- Begins: July 2018
- Ends: December 2019

South Segment
- 6.5 Miles
- Let Date: May 2018
- Begins: June 2018
- Ends: November 2019

WIS 20 Crossroad
- Let Date: November 2020
- Begins: March 2021
- Ends: September 2021
MAINLINE PACE

SOUTH SEGMENT (WIS 142 TO WIS 20)
With four months down and only one to go in the current configuration, the next phase of work will open up a third lane of traffic in each direction!

CENTRAL SEGMENT (WIS 20 TO COUNTY G)
With three months down and only two to go in the current configuration, the next phase of work will open up a third lane of traffic in each direction!

ANTICIPATED AS OF 11/1/18
Traffic on all new pavement by end of 2019

All freeway lanes open Memorial Day 2020

Contractors and engineers meet weekly to coordinate work and communicate closures
WisDOT ROLE IN DEVELOPMENT ROADS

- Locals transferred jurisdiction to WisDOT because:
  - Significant projects best managed by one entity
  - One entity coordinating will be most efficient and cost-effective
  - WisDOT expertise in large complicated projects
- Local jurisdiction returned after construction completed
LET PACKAGES

- **2018 Construction**
- **2019 Construction**
- **2020 Construction**
- **2021 Construction**
WISCONSIN VALLEY ROADS

- 20 miles multi-lane divided urban roadways
  - Curb and gutter
  - Storm sewer
  - Signalized intersections

- Extensive local government coordination
  - Lighting
  - Landscaping
  - Multi-use path
  - Real estate

- Coordinated construction schedule
ENVIRONMENTAL STEWARDSHIP

- Early and extensive coordination with agencies and local municipalities
- U.S. Army Corps of Engineers and WI Department of Natural Resources (DNR) identified I-94 and Wisconn Valley Development Roads as priority projects
- Early decision to mitigate wetlands at 2:1 ratio
- Partnering with WI DNR to identify watershed improvements
- Erosion control maintained and monitored

New stream diversion channel at Braun Road
STORMWATER MANAGEMENT

- Des Plaines (Mississippi River) and Pike River (Lake Michigan) watersheds
- WisDOT and DNR coordinating potential watershed improvements
- SEWRPC conducting additional analysis and modeling of post-construction flows
MAJOR UTILITY CONSTRUCTION

- WATER: 42 mi
- GAS: 26 mi
- ELECTRIC: 21 mi
- TELECOM: 28 mi
- SEWER: 18 mi
- Lift station
- Substation
- Water tower
- Booster station
RAILROAD COORDINATION
# TRAFFIC MANAGEMENT

## TRAFFIC OPERATIONS
- Signal timings
- DPW contracts for local improvements
- Local street law enforcement patrols and closure assistance
- Coordinate with adjacent projects
- Review utility permits

## INCIDENT MANAGEMENT
- Fire department services
- Freeway service teams
- Emergency vehicle preemption
- Incident/crisis communication plan
- Dedicated work zone law enforcement patrols

## PUBLIC INFORMATION
- Website
- Newsletters/hard-copy pieces
- Social media
- Media interviews/press releases
- Weekly stakeholder traffic meeting
- Local officials/government briefings
- Public open house meetings
- Residential outreach
- Business outreach and signage
- Community groups and schools
- Special events
SITE MOBILITY

- Multiple construction worker access routes northbound and southbound from I-94 (6,000+ workers)
- Advanced manufacturing equipment
- Construction materials
- Building and office materials
- Prefabricated components
LONG-TERM LOGISTICS

- Affect roadway, rail, airport, water ports
- Need for intermodal facilities
- WisDOT is key facilitator identifying how to meet these needs
  - Union Pacific Railroad
  - Canadian Pacific Railroad
  - Port Milwaukee
  - Freeway routes
  - General Mitchell International Airport
CONTRACTING OPPORTUNITIES

Highway Construction Contract Information

General notices to contractors

Welcome. Within this website you will be able to view all the information and documents within the WCDOT Highway Construction Contract Information (HCCI).

Bidding contract information

Bidding for highway construction projects is conducted under the authority provided in Wisconsin Statutes 227 (227.06) and 227.06 (4) (3) (c) Wis. Stat. (2015). Bids, Contracts. Contracts shall be awarded to the lowest competent and responsible bidder determined by the department.


Contractor tips

- Required steps for prime and subcontractors from advertisement through contract execution. View checklist.
- Electronic bidding is best practice provided by Bid Express™. (April 9, 2015)
- Request to be a plan holder and/or eligible bidder: DT1633, Bidder Proposal Request System (BPRS), users guide.

Recently, the I-94 North/South project team hosted a contractor workshop. The shared information will allow for ideas to make the project better, faster and less expensive.
FOXCONN IN WISCONSIN
CONTRACTORS AND SUBCONTRACTORS

WISCONSIN IMPACT
26 COUNTIES
68 COMMUNITIES
90% CONTRACTS
154 COMPANIES

Data as of September 7, 2019
PUBLIC INFRASTRUCTURE
WORKFORCE PARTICIPATION

1.35%
NATIVE AMERICAN WORKFORCE

WISCONSIN IMPACT

2,613 WORKERS
278 COMMUNITIES
61 COUNTIES
26% WORKFORCE INCLUSION
96% WI WORKERS
WisDOT Upcoming Opportunities

- County KR Phase 1/Wisconn Valley Way/County KR intersection package
  - Bid let: November 13, 2018
- County H, County KR to Braun Road
  - Bid let: January 8, 2019
- Wisconn Valley Way, County KR to WIS 11
  - Bid let: February 12, 2019
STAY CONNECTED

WisDOT commits to:

- Communicating early and often
- Listening and responding to issues
- Conducting on-going business meetings and monthly construction updates