SEWRPC
Joint Meeting of the Advisory Committees on Regional Land Use Planning and Regional Transportation Planning

APRIL 26, 2018

WISCONSIN DEPARTMENT OF TRANSPORTATION

BRETT WALLACE, FOXCONN PROJECT DIRECTOR
The Project

• North America’s first advanced display manufacturing campus in Mount Pleasant in Racine County

• Will be one of the largest manufacturing campuses in the world
Project Development Challenge

- Complex simultaneous activities
- Multiple interfaces
- Accelerated schedule

Providing labor and materials when needed, where needed, without adversely affecting the schedule or budget of other activities and projects.

AN EXTREME HOME MAKEOVER!
Why WisDOT?

WE BRING EXPERTISE
WisDOT is adept at managing large and complex projects to help meet the tight timeframes related to utility coordination and management of numerous roadways.

WE ARE EFFICIENT
One entity coordinating all road construction will be most efficient and cost-effective.

WE ARE READY
WisDOT developed plans for improving I-94 North-South between Kenosha, Racine and Milwaukee counties.
The Projects

I-94 NORTH SOUTH FREEWAY
• $500 million
• Off-the-shelf plans
• Staging plans
• Environment re-evaluation
• Accelerated schedule

FOXCONN DEVELOPMENT ROADS
• $166 million
• Since October 2017
  ◦ Developed concepts
  ◦ Preliminary design
  ◦ Right of way by Mount Pleasant
• First Lets in June 2018
I-94 North-South Freeway Project

- Three mainline segments
- Six interchanges
- 18.5 miles
- Completion in 2021
- ***INFRA grant dependent
## I-94 INFRA Grant

Discretionary grant program administered by U.S. DOT

| WisDOT applied in October 2017 for $246.2M INFRA grant for I-94 N-S Freeway Project | Receiving the entire amount would allow WisDOT to complete the I-94 N-S Project by the end of 2021 |
I-94 INFRA Grant

Public and private investments are 56 times higher than federal INFRA grant request

$10 billion
Foxconn development (private funds)

$3 billion
in state incentives for Foxconn development

$246.3 million
in state INFRA grant match contingency bonding (Act 58)

$134 million
state investment on WIS 11 and local roads surrounding Foxconn development

$489 million
in public infrastructure and public safety investments

$115 million
in private electrical infrastructure investment for the project area

$2.4 billion
in annual income from Foxconn related jobs

$7 billion
annual estimated economic impact for Wisconsin
# I-94 Schedule

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<th>Activity</th>
<th>2017</th>
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WisDOT Role in Development Roads

• $166 million WisDOT investment in WIS 11 and local roads surrounding Foxconn
  ◦ WisDOT taking temporary jurisdiction 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
• No WisDOT projects committed in 2018 will be affected
RACINE COUNTY

Local Development Roads

- **County KR** (I-94 to old WIS 31)
- **County H** (County KR to Venice Ave)
- **Braun Road** (I-94 to 90th St)
- **WIS 11** (56th Rd to County H)
- **International Drive** (extension to WIS 11)
- **Wisconn Valley Way**
  - New north-south roadway between County KR and WIS 11
Let Packages

- 14 packages
- February/March lets
- June 2018 Lets
  - Braun Road
  - International Drive
- Other 2018 lets
  - County KR
  - County KR Box Culvert
  - Wisconn Valley Way Box Culvert
  - WIS 11 and Willow Road Intersection
Site Plan Coordination

Foxconn
Preliminary
Area 1
Site Plan

Traffic | Grading | Access | Driveways | Utilities | Stormwater
Road Details

- 17 miles of multi-lane divided urban roadways
  - Curb and gutter
  - Storm sewer
  - Signalized intersections
- Extensive local government coordination
  - Lighting
  - Landscaping
  - Multi-use path
- Coordinated construction schedule
Traffic Signals

Design development

• Systems engineering in progress

• 22 signal installations
  o WisDOT
  o Village of Mount Pleasant
  o Racine County
  o Kenosha County

• Fiber network

• Ownership/operations agreements

Underground infrastructure only
Major Utility Construction

- WATER: 42 mi
- GAS: 26 mi
- TELECOM: 28 mi
- ELECTRIC: 21 mi
- SEWER: 18 mi

lift station
substation
water tower
booster station

LOCAL DEVELOPMENT ROADS
Environmental

All work will be done per the WisDOT/DNR cooperative agreement

- Wetlands (wetland mitigation 2:1 ratio)
- Water resources and water quality
- Threatened and endangered species
- DNR reviews and recommends design and construction practices to comply with applicable environmental and regulatory requirement
- DNR will work with WisDOT to identify commitments to mitigate unavoidable impacts
- Interagency government coordination (Racine County, Kenosha County, Mount Pleasant, Sturtevant, Racine, Somers, Yorkville)
Environmental

• Section 404 Wetland Permit issued by the **U.S. Army Corps of Engineers (USACE)** which includes addressing potential impacts to threatened and endangered species and historic and archeological resources

• The **Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP)** prepared an Agricultural Impact Statement that addresses both the Foxconn Development Site and the Development Roadway Improvements

• The **Southeast Wisconsin Regional Planning Commission** is reviewing Development Roadway Improvements to comply with the Clean Air Act air quality conformity requirements

• The Department will be applying for all necessary Federal permits
Drainage/Stormwater

- Use Stormwater management techniques to mitigate increased stormwater runoff
- Use BMPs to treat the runoff from local roadway system
- Meeting all applicable stormwater quality and quantity regulations per TRANS 401
- Stormwater treatment measures being evaluated and implemented as appropriate to the practical extent possible
Great Lakes Divide

- Des Plaines (Mississippi River) and Pike River (Lake Michigan) watersheds
- WisDOT and DNR coordinating potential watershed improvements
- SEWRPC doing additional analysis and modeling for post construction flows
Eastern Racine County Transportation Task Force

- Seven person Task Force
- Advisory Committee
- Facilitated by WisDOT
  - Ease east-west travel times east of I-94
  - Connect people to the influx of jobs
Future Improvements

- Current projects address immediate needs
- Addressing long-term transportation needs
- SEWRPC Regional Land Use and Transportation Plan update – **Vision 2050**
  - Local
  - County
  - State
Smart Corridors

- Initial planning-level CV and AV deployment guides
- Guides refined as stakeholder needs identified, systems engineering process applied, technology matures
- Three CV and AV use cases identified
  - Freeway and local road safety, operations
  - Freeway commercial vehicle/freight efficiency, and throughput to/from GMIA
  - “Last Mile” tech-based options on surface streets
I-94 Smart Corridor Development
Next Steps

• Develop Concept of Operations (ConOps) on key smart corridor system features to address user and stakeholder needs
  Complete by August 2018

• Create implementation plan for incrementally deploying required baseline infrastructure, merging mobility applications, and other system features
  Complete by October 2018

• Continued system engineering activities including requirements development; design; procurement and installation; integration; testing and verification; validation; and, operations and maintenance
  Complete by 2020
Questions?

For further information please visit

- [www.foxconnracinecounty.com](http://www.foxconnracinecounty.com)
- [www.wisupplychainmarketplace.com](http://www.wisupplychainmarketplace.com)
- [www.wisconnvalley.wi.gov](http://www.wisconnvalley.wi.gov)
- [www.projects.511wi.gov](http://www.projects.511wi.gov)
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