



DES MOINES AREA MPO

Transportation Technical Committee Meeting

March 7, 2024



APPROVAL OF AGENDA

March 7, 2024, Agenda

1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. REPORT AND VOTE: FFY 2024-2027 Transportation Improvement Program Amendments
5. REPORT and VOTE: Scott Avenue Dam Mitigation Change Order #1
6. REPORT and VOTE: FY 2025 Unified Planning Work Program and Budget Development
7. REPORT and OPTIONAL VOTE: StreetLight Data
8. REPORT and OPTIONAL VOTE: Mobilizing Tomorrow: Employment, Housing Unit, and Population Projections
9. REPORT: Community Projects Funding
10. REPORT: FFY 2025-2028 transportation Improvement Program Development
11. REPORT: Upcoming Events
12. Other Non-Action Items of Interest to the Committee
13. Next Meeting Date – Monday, April 1, 2024 – 9:30 a.m.
14. Adjournment

APPROVAL OF MEETING MINUTES

COMMUNITY PROJECT FUNDING

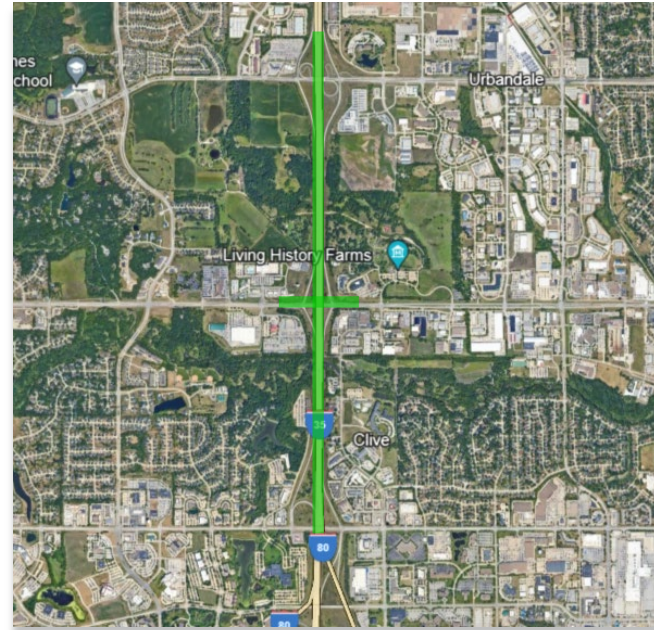
Community Project Funding

- Applications for Community Project Funding are now being accepted by the offices of Rep. Miller-Meeks (1st District) and Rep. Nunn (3rd District).
 - 1st District
 - Online form (link in packet)
 - Deadline: 5 p.m. EST Friday, March 15
 - 3rd District
 - Word form submitted via email (email in packet)
 - No deadline shared at this time

FFY 2024-2027 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT

FFY 2024-2027 TIP Amendment

- Sponsor: Iowa Department of Transportation (DOT)
- Project: I-80: University Ave to N of Douglas Ave (Item 48464)
- Federal Aid Amount: \$89,810,100
- Total Cost: \$99,798,000
- Type of Funding: NHPP, PRF
- Change: Increase total project cost to \$111,442,454



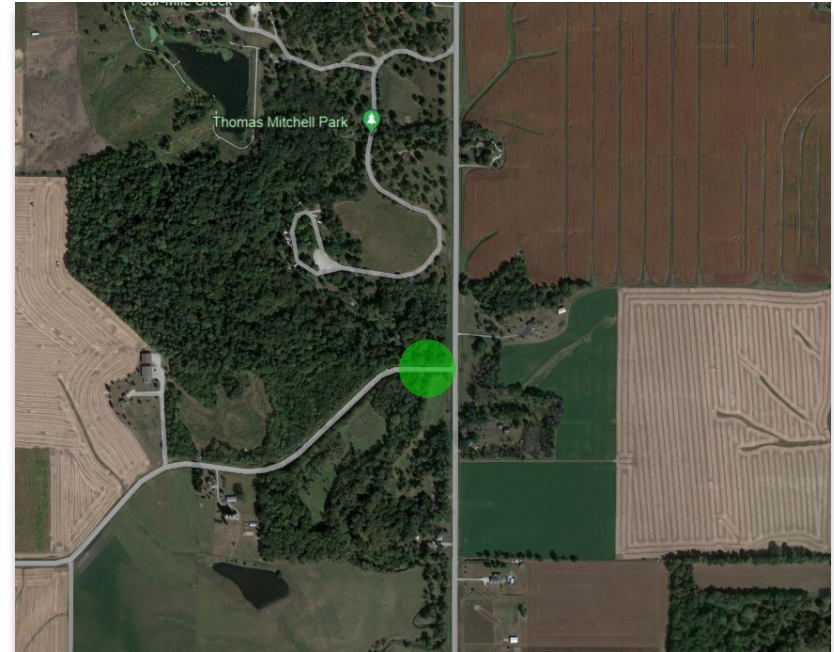
FFY 2024-2027 TIP Amendment

- Sponsor: City of Des Moines
- Project: SE Connector from 30th St to US 65 (Item 39393)
- Federal Aid Amount: \$11,284,000
- Total Cost: \$58,000,000
- Type of Funding: STBG
- Change: Add \$34,000,000 INFRA grant to funding



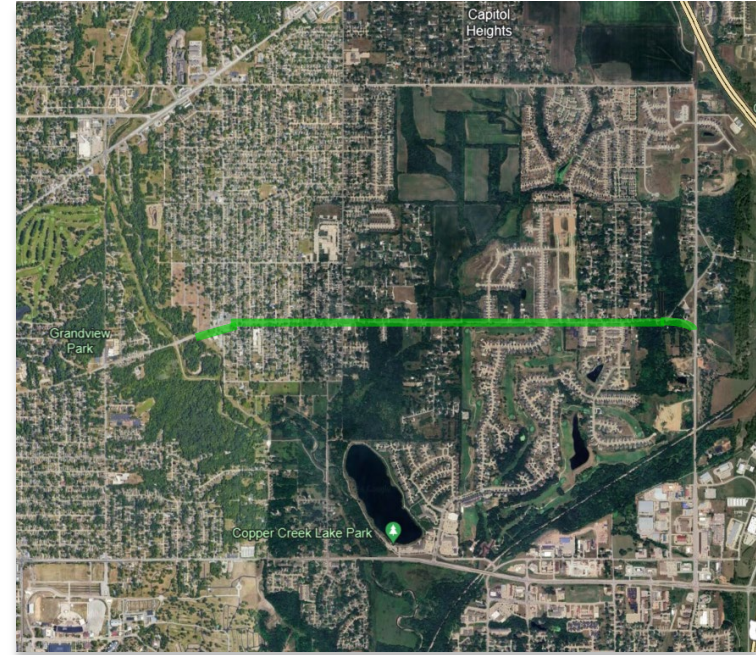
FFY 2024-2027 TIP Amendment

- Sponsor: Polk County
- Project: BR 667 (Item 40199)
- Federal Aid Amount: \$550,000
- Total Cost: \$800,000
- Type of Funding: STBG
- Change: Add project to FY 2024-2027 TIP



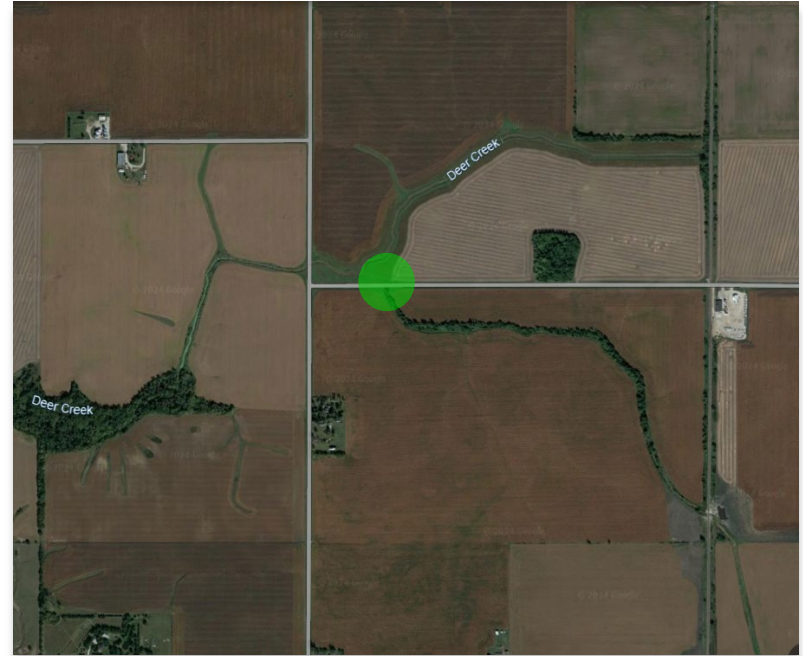
FFY 2024-2027 TIP Amendment

- Sponsor: Polk County
- Project: NE 23rd Avenue (Item 45901)
- Federal Aid Amount: \$3,250,000
- Total Cost: \$5,950,000
- Type of Funding: STBG
- Change: Add project to FY 2024-2027 TIP



FFY 2024-2027 TIP Amendment

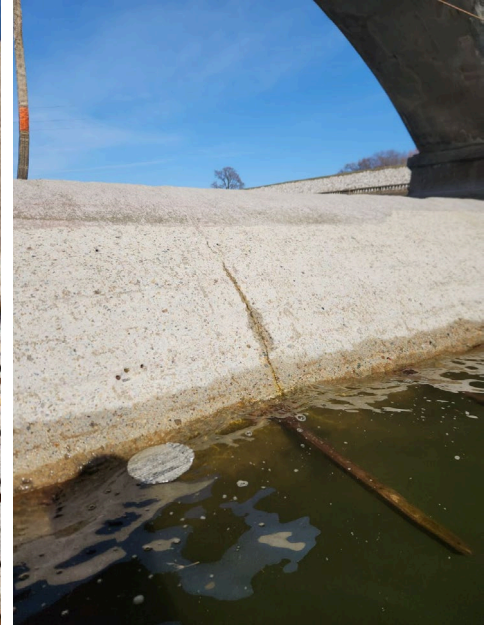
- Sponsor: Polk County
- Project: BR 3618 (Item 35971)
- Federal Aid Amount: \$350,000
- Total Cost: \$550,000
- Type of Funding: STBG
- Change: Add project to FY 2024-2027 TIP



SCOTT AVENUE DAM MITIGATION CHANGE ORDER #1

Scott Avenue Dam Change Order #1

- Change Order #1 is to add a contract item to install an expansion joint in the dam step concrete to address existing vertical crack.
- Two expansion joints will be installed at a total estimated cost of \$1,000.



DRAFT FY 2025 UNIFIED PLANNING WORK PROGRAM AND BUDGET

FY 2025 UPWP and Budget Development

- MPO's scope of work for next fiscal year
 - Work elements and activities
 - Committees
 - Costs
- Requested feedback in January and February from MPO members about work activities and have incorporated feedback received
- Draft due April 1st
- Final due June 1st

FY 2025 UPWP and Budget Development

Task 1: Planning & Studies	MPO Role	Notes
Mobilizing Tomorrow Update	Lead	Federally Required
US 65/IA 5 Interstate Designation	Lead	Ongoing Project
Corridor Preservation Study	Lead	Member Request
Passenger Transportation Plan/Human Service Coordination	Lead	Federally Required
Goods Movement Study	Lead	Member Request/Ongoing Project
Passenger Rail Feasibility Study	Lead or Support	Member/Community Request
Transportation Capital Improvement Plan	Lead	Regular MPO Activity
Multimodal Economic Impact Report	Lead	Member Request
DART Planning Projects	Support	Per MOU with DART
Comprehensive Safety Action Plan	Lead	Develop w/Safe Streets for All Grant

FY 2025 UPWP and Budget Development

Task 2: Data Collection, Research, & Analysis	MPO Role	Notes
Performance Measure Tracking	Lead	Federally Required
Travel Demand Model Update & Assistance	Lead	Federally Required
Roadway Pavement Forecast & Analysis	Lead	Ongoing Project
Trail Pavement Data Collection & Analysis	Lead	Ongoing Project – Includes Data Bike
ITS Architecture	Lead	Federally Required
Transportation Data/Software	Lead	Member Request – Includes Data Service Subscriptions
Bike/Ped Count Program	Lead	Ongoing Project/Member Request – Includes Trail Counters

FY 2025 UPWP and Budget Development

Task 3: Funding & Programming	MPO Role	Notes
Surface Transportation Block Grant/Transportation Alternatives Program Process	Lead	Federally Required
Transportation Improvement Program	Lead	Federally Required
Transload Facility Grant Reporting	Lead	Federally Required w/BUILD Grant
Water Trails BUILD Grant Administration	Lead	Federally Required w/BUILD Grant
Grant Letters of Support	Support	Member Requests
DC Trip Project Facilitation	Support	Ongoing Project

FY 2025 UPWP and Budget Development

Task 4: Stakeholder Engagement	MPO Role	Notes
Upkeep of Title VI, LEP, and Public Involvement Process	Lead	Federally Required
Committee Support	Lead	Federally Required
Tomorrow Plan Speaker Series	Support	Ongoing Project
Media Relations	Lead/Support	Ongoing/Situational
Public Meeting Support	Lead	Federally Required
Annual Report	Lead	Ongoing Project

FY 2025 UPWP and Budget Development

Task 5: Program Administration	MPO Role	Notes
Unified Planning Work Program and Budget	Lead	Federally Required
MPO Operating Grant Administration	Lead	Federally Required
Annual Audit	Lead	Federally Required
Routine Office Administration	Lead	Ongoing
Strategic Planning	Lead	Situational

FY 2025 UPWP and Budget Development

- Next Steps
 - MPO approves draft in March and submits to Iowa DOT/FHWA/FTA
 - Iowa DOT/FHWA/FTA provide comments by end of April
 - MPO approves final in May and submits to Iowa DOT/FHWA/FTA
 - MPO-Iowa DOT planning agreement completed in June
 - New budget takes effect July 1
- Note: still time to make adjustments to document/budget before May MPO approval.

STREETLIGHT DATA

StreetLight Data

- In December, the committee heard presentations from two vendors of transportation analytics data.
 - ClearGuide and StreetLight
- Staff subsequently surveyed committee representatives.
 - Preference for StreetLight
- StreetLight offers numerous data modules for various use cases.
- Proposed subscription: \$80,000 annually
 - Vehicles and Freight modules
 - Regional subscription w/access for MPO members
- In draft FY 2025; recommend starting now to use on current projects

***MOBILIZING TOMORROW: EMPLOYMENT,
HOUSING UNIT, AND POPULATION PROJECTIONS***

Employment, Housing Unit, and Population Projections

- What are the projections used for:
 - MPO uses Employment and Housing Unit projections to develop the growth scenario that feeds into the Travel Demand Model (TDM)
 - Population is not one of the model inputs
 - The MPO is required to update the TDM as part of the development of the LRTP
 - LRTP updated every 5 years

Employment, Housing Unit, and Population Projections

- What is the TDM/growth scenario is used for:
 - Tool to assist with regional transportation planning decisions
 - Helps set a baseline for studies and IJR to be used along with other land use/growth scenarios
- What is the TDM/Growth Scenario is NOT used for:
 - Allocation of STBG or other federal funding programs
 - Determine what projects are built by communities
 - Determine how much a community actually grows in the future

Employment, Housing Unit, and Population Projections

Growth Scenario Development

- Used same methodology as the last plan update with updated census data
- Staff presented draft employment, housing unit, and population projections at the February Technical Committee meeting
- Presented item as optional vote and the Committee determined that they wanted some additional time to review
- Staff requested comments back by the end of February

Employment, Housing Unit, and Population Projections

- Staff received comments from the following communities:
 - Bondurant, Norwalk, Pleasant Hill, and Waukee
- Concerns shared were similar in nature focusing on population projections being low compared to the community's comprehensive plans
- Reason for differences:
 - MPO uses a control total
 - Different methodologies between comp plans and LRTP

Employment, Housing Unit, and Population Projections

Control Total

- Staff also reached out to the Iowa DOT and FHWA regarding the use of regional control totals
- The Iowa DOT recommend that the MPO continue to use an outside source to develop a control total

Employment, Housing Unit, and Population Projections

- Staff uses Woods and Poole for the independent source – same source used by State Data Center
- Woods and Poole has the 4-county region projected population at 855,600 by 2050 (Dallas, Polk, Madison, Warren)
- The MPO projections shared last month have the projected population for just the MPO members at 850,150

Employment, Housing Unit, and Population Projections

- The challenge MPO staff are facing is that to address the comments received, we would have to move away from using a regional control total
- This would go against the recommendation of the Iowa DOT

Employment, Housing Unit, and Population Projections

Option 1: Regional Control Total – Existing Methodology

- Pros
 - All member communities experiences positive growth
 - Maintains use of control total recommended by DOT
- Cons
 - Shows slower growth than some member comp. plans
 - Some communities have lower growth than expected (especially in out years)

Employment, Housing Unit, and Population Projections

Option 2: Regional Control Total (High Growth/Low Growth)

- Pros
 - Maintains use of control total recommended by DOT
 - Projections could match growth of some member comp. plans
- Cons
 - Projections would not match growth of some member comp. plans
 - Difficult process to determine which members do match and which do not

Employment, Housing Unit, and Population Projections

Option 3: Eliminate Control Total

- Pros

- Address comments and concerns without having to select high growth/low growth communities
- Could align more closely with comp. plan projections

- Cons

- Could require development of a new methodology
- Not all communities have recent comp. plan projections and/or inconsistency in comp. plan horizon years and methodology
- Goes against the Iowa DOT's recommendation for using a control total
- Could create issues during Iowa DOT/FHWA review of LRTP

Employment, Housing Unit, and Population Projections

- Option 2 seems like a non-starter
- That leaves the committee with a decision between staying with the Iowa DOT recommended control total or choosing to move away from a control total
- Staff has kept the recommendation the same as in February
 - Good practice to have a control total
- However, staff remains open to other options at the committee's direction.

FFY 2025-2028 TRANSPORTATION IMPROVEMENT PROGRAM DEVELOPMENT

FFY 2024-2027 TIP Development

- MPO develops a four-year Transportation Improvement Program (TIP) annually
- MPO member governments and associated agencies receive current TIP projects for review and update
- Federally funded FFY 2024 programmed projects must have FHWA authorization to proceed by **September 30, 2024**
- If not, a rollover to FFY 2025 is required
- Staff will be sending out the TIP status reports in late March/early April

UPCOMING EVENTS

Upcoming Events

Webinars

- [USDOT SS4A Supplemental Planning and Demonstration Grant Webinar – March 8](#)
- [Emerging Practices for Local Approval of EV Charging Stations – March 8](#)
- [E-Scooter and Micromobility Safety Part II: Agency Case Studies – March 13](#)
- [USDOT SS4A Implementation Grants Webinar – March 13](#)
- [Assessing Cool Corridor Heat Resilience Strategies for Human-Scale Transportation – March 14](#)
- [Integrating 'Safe Vehicles' Into Local Vision Zero Work – March 14](#)
- [Safe Streets for All - Funding Strategies That Work – March 19](#)
- [Quickly and Comprehensively Implementing a Major Shift in Transportation Design to Improve Safety and Encourage Active Transportation – March 20](#)
- [FHWA Iowa Division/Iowa DOT Discretionary Grant Administration Webinar – March 20](#)
- [Human Transit, Revised Edition: How Clearer Thinking about Public Transit Can Enrich Our Communities and Our Lives – March 21](#)
- [APA Sustainable Communities Division - Trails as Resilient Infrastructure - March 22](#)
- [DOT 2024 Climate Change Center Series: Transit-Oriented Development - March 25](#)
- [Equity in Roadway Safety Webinar Series: Tools and Strategies for Equitable Design – March 27](#)

Events

- [ITE International Virtual Spring Conference – March 19-20 – Virtual](#)
- [League of American Bicyclists' National Bike Summit – March 19-21 - Washington, DC](#)
- [Professional TrailBuilders Association Sustainable Trails Conference – March 19-21 – Lanier Islands, GA](#)
- [Smart Growth America's Equity Summit – March 27-28 – Washington, DC](#)
- [Iowa Work Zone Safety Workshop – March 21 or 28 – Ankeny, IA](#)

OTHER ITEMS OF INTEREST

APRIL MEETING

- Reminder that the April meeting of the Transportation Technical Committee is being held on Monday, April 1, at the usual 9:30 a.m.

L RTP Project Solicitation – Reminder

- Staff sent out the L RTP project solicitation on January 23.
 - Solicitation was sent through GovDelivery to Technical Committee.
 - Staff requested that all L RTP projects be submitted by February 28.
- A reminder was given at February meeting and in follow-up email.
- Three members submitted projects for L RTP update by deadline.
- Follow-up communication sent on February 28.
- Deadline has been extended to Friday, March 15.
- Link to Google Form will be provided again in follow-up email.

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