



DES MOINES AREA MPO

Transportation Technical Committee Meeting

October 6, 2022



APPROVAL OF AGENDA

October 6, 2022 Agenda

1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. PRESENTATION: Rain Campaign Update
5. REPORT and OPTIONAL VOTE: Model Ordinance Regulating Bicycles and Personal Transportation Devices
6. REPORT and OPTIONAL VOTE: FFY 2023-2026 Transportation Improvement Program Amendments
7. REPORT: Adopting Justice40 Initiative Metrics
8. REPORT: Surface Transportation Block Grant (STBG) Scoring Update
9. REPORT: Upcoming Events
10. Other Non-Action Items of Interest to the Committee
11. Next Meeting Date – November 3, 2022 – 9:30 a.m.
12. Adjournment

APPROVAL OF MEETING MINUTES

PRESENTATION: RAIN CAMPAIGN UPDATE

MODEL ORDINANCE REGULATING BICYCLES AND PERSONAL TRANSPORTATION DEVICES

Model Ordinance Regulating Bicycles and Personal Transportation Devices

- Developed by Central Iowa Bicycle and Pedestrian Roundtable
 - Final draft, report, and supplemental materials completed with the special help of Mindy Moore, AICP, Senior Transportation Planner at HDR, and Jeff Wiggins, AICP, Transportation Planner at City of Des Moines Engineering Department
- Generic so that communities may use it as a guide/starting point for reviewing and updating their current bicycle and PTD ordinance
- Consistent with the *Code of Iowa* and offers additional regulations to address historical points of conflict between vehicular and non-vehicular road users to clarify “gray areas”
- Furthers all 4 goals in *Mobilizing Tomorrow*



Model Ordinance Regulating Bicycles and Personal Transportation Devices

- **Why a model ordinance?**
 - Regulates, educates, and coordinates
 - Solution to transportation improvements that does not require construction or funding
- **Why now?**
 - Long-term Bike-Ped RT goal
 - *InterConnect Plan* development
 - Safe Streets and Roads for All application
- **Why bicycles and personal transportation devices?**
 - Multimodal transportation system
 - Jurisdictions ready to address new/popularized device types

Model Ordinance Regulating Bicycles and Personal Transportation Devices

- Ordinance Chapters:

1. Purpose
2. Definitions
3. Scope of Regulations
4. Traffic Code Applies
5. Motor Vehicle Operations
6. Actions Against Bicycles and Personal Transportation Devices
7. Responsible Riding
8. Place of Riding
9. Parking
10. Equipment Requirements

**** Pedicabs and bike/scooter-share programs are not addressed in this model ordinance.***

Model Ordinance Regulating Bicycles and Personal Transportation Devices

- Primary Components:
 - Change lanes to pass
 - 3-feet lateral passing distance
 - Right arm right turn signal
 - Door zone protection
 - Far to the right exemptions
 - “Dead red” light allowance
 - Fixed brake definition
 - Light “fix-it” ticket
 - Yield to bikes in crosswalks
 - Improved bicycle lane operations
 - E-bike definition

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Model Ordinance Regulating Bicycles and Personal Transportation Devices

- Additional review by MPO legal counsel determined no issue with the current model ordinance language and consistency with *Iowa Code*.
- Local jurisdictions wishing to adopt the ordinance will need to conduct a legal review of the ordinance's consistency with their own city code and revise accordingly.
- **Staff recommends approval of the model ordinance draft.**



FFY 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENTS

FFY 2023-2026 TIP Amendments

- The *FFY 2023-2026 Statewide Transportation Improvement Program* (STIP) took effect October 1, 2022, so changes may be made now.
- Des Moines Area Regional Transit Authority (DART), the City of Des Moines, and the Iowa Department of Transportation (DOT) have requested amendments to the MPO's *FFY 2023-2026 Transportation Improvement Program*.



FFY 2023-2026 TIP Amendments (1 of 3)

Sponsor: Des Moines Area Regional Transit Authority (DART)

Project: B-Cycle Station Purchase and Installation

Federal Aid Amount: \$30,000

Total Cost: \$37,500

Type of Funding: STBG

TIP Project Modifications: None necessary.

Change: Add project to the *FFY 2023-2026 Transportation Improvement Program*.



FFY 2023-2026 TIP Amendments (2 of 3)

Sponsor: City of Des Moines

Project: Guthrie Avenue Viaduct Rehabilitation (Item 37834)

Federal Aid Amount: \$2,000,000

Total Cost: \$5,000,000

Type of Funding: STBG

TIP Project Modifications: None necessary.

Change: Change funding from SWAP-STBG to STBG (FA) and add project to the *FFY 2023-2026 Transportation Improvement Program*.



FFY 2023-2026 TIP Amendments (3 of 3)

Sponsor: Iowa Department of Transportation (DOT)

Project: IA 28 Pavement Rehabilitation (Item 52595)

Federal Aid Amount: \$4,800,000

Total Cost: \$6,000,000

Type of Funding: STBG, PRF

TIP Project Modifications: None necessary.

Change: Revise project location to “0.1 mi N of IA 92 to 0.2 mi S of W North Ave in Norwalk” in the *FFY 2023-2026 Transportation Improvement Program*.



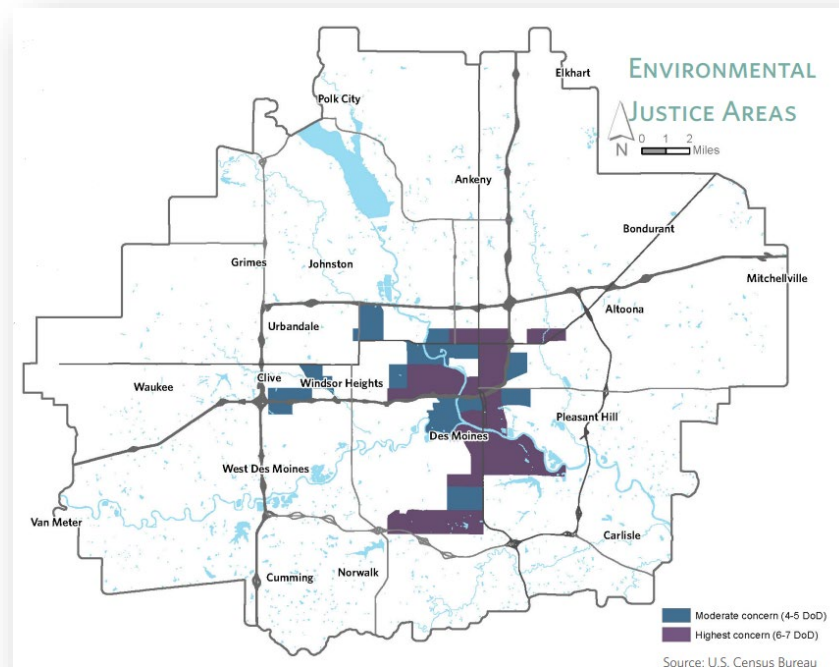
ADOPTING JUSTICE40 INITIATIVE METRICS

Adopting Justice40 Initiative Metrics

- Jan 2021 – Biden Administration announces Justice40
 - Whole government initiative “to confront and address underinvestment in disadvantaged communities”
 - US DOT is adopting Justice40 “to address gaps in transportation infrastructure and public services by working toward the goal that many of our grants, programs, and initiatives allocate at least 40% of the benefits from federal investments to disadvantaged communities. It is not a one-time investment, but a series of changes that will be implemented across the Department.”
- USDOT funding programs adopting Justice40:
 - Carbon Reduction, Charging & Fueling Infrastructure, CMAQ, NEVI, PRTOECT, TAP, RAISE, Safe Streets and Roads for All, etc.
- MPO staff requesting input and guidance on adopting Justice40

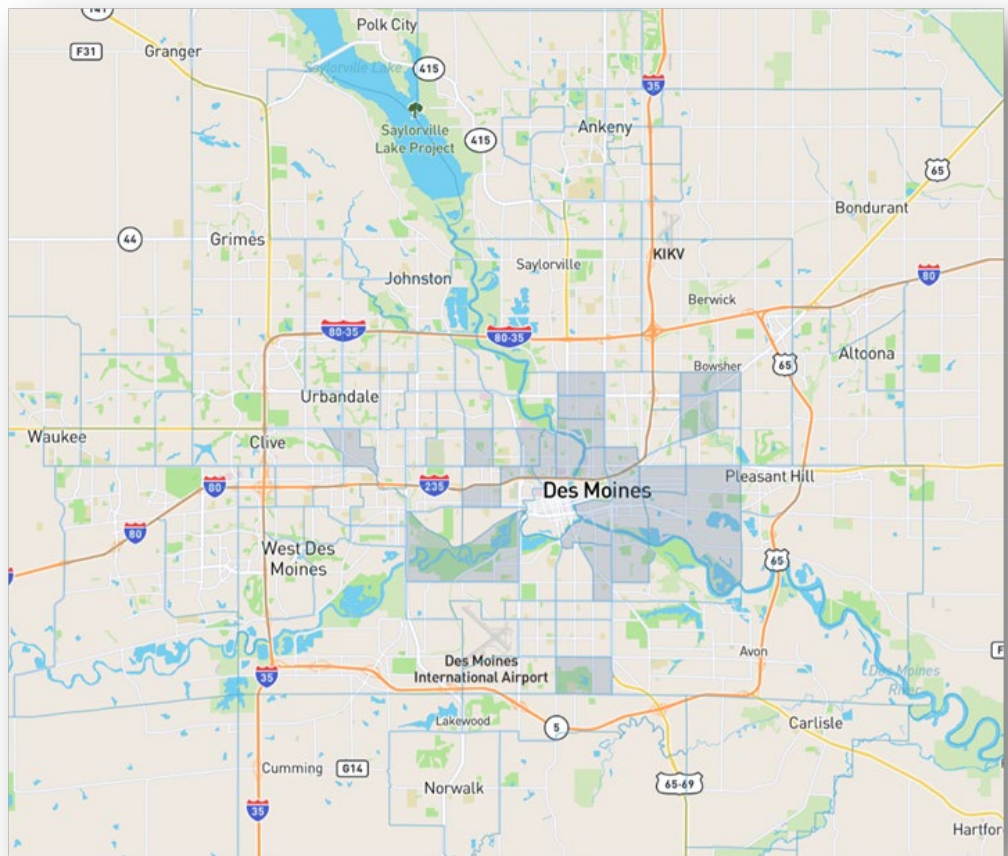
Metrics Comparison – DMAMPO EJ

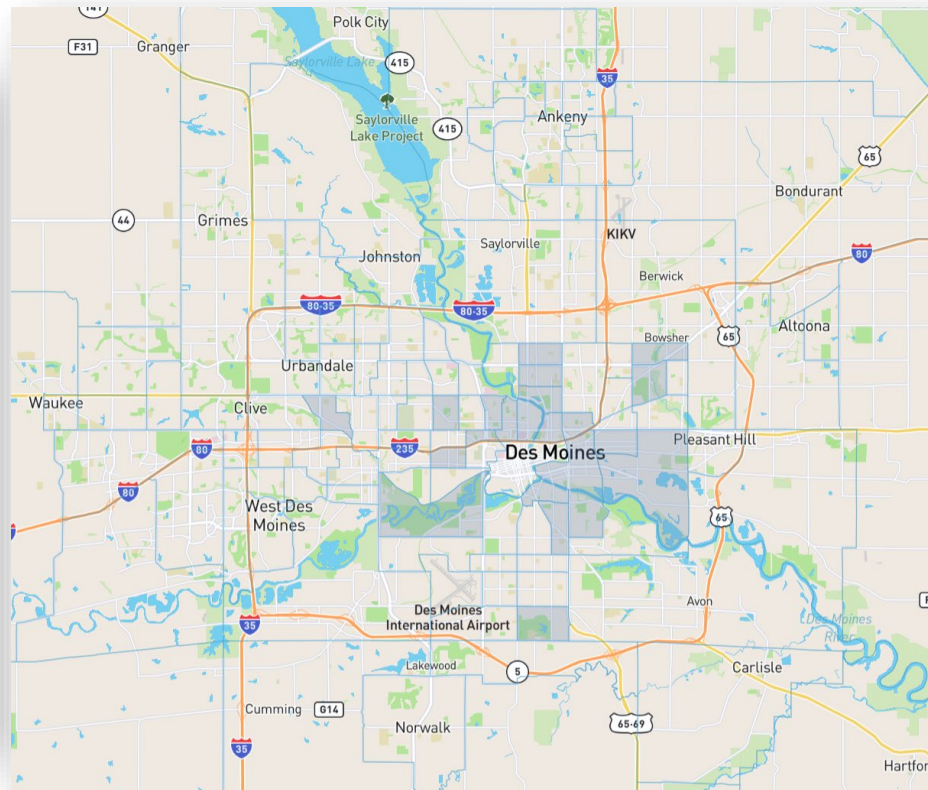
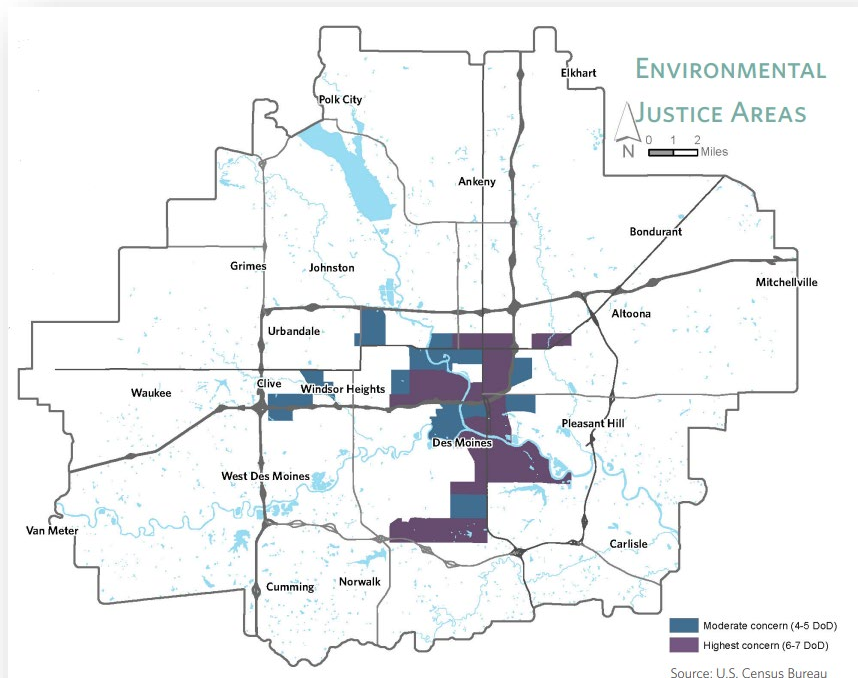
- Households in Poverty
- Non-White Populations
- Carless Households
- Single HoH with Children
- Households with Person(s) over 65
- Limited English Proficiency
- Persons with Disabilities
- 2021 Update: 70% Threshold control



Metrics Comparison – Justice40

- Climate Change
 - Clean Energy & Energy Efficiency
 - Clean Transit
 - Affordable & Sustainable Housing
 - Reduction & Remediation of Legacy Pollution
 - Critical Clean Water & Wastewater Infrastructure
 - Health Burdens
 - Training & Workforce Development
- Controls:
 - “If’s/Or’s” & “and’s”
 - If’s/Or’s: 2-3 metrics @ 90th percentile
 - And’s:
 - At or above the 65th percentile for low-income *AND* 80% or more of individuals 15 or older are not enrolled in higher education
 - 10% or more of adults 25 or older have not attained a high school degree, *AND* 80% or more of individuals 15 or older are not enrolled in higher education





Summary

Similarities

- Data sources
- Controls
- Outcomes

Differences

- Transportation-specific v integrated metrics
- In-house v. external development



Thoughts?

SURFACE TRANSPORTATION BLOCK GRANT (STBG) SCORING UPDATE

Surface Transportation Block Grant (STBG) Scoring Update



- The Executive Committee requested that staff review the existing scoring criteria and provide an alternative
- Why are projects scoring low
 - Criteria is locational based
 - Historically submitted projects aren't targeting these locations

Surface Transportation Block Grant (STBG) Scoring Update



- Proposed scoring criteria
 - Attempts to minimize the locational aspect of the scoring
 - Focus on treatments that projects and achieve despite location

Surface Transportation Block Grant (STBG) Scoring Update



- Transportation Infrastructure and Services are Well-managed and Optimized
 - Criteria focuses on ITS solutions from the National ITS Reference Architecture
 - Also includes strategies to extend pavement life

Surface Transportation Block Grant (STBG) Scoring Update



- Enhance Multimodal Transportation Options
 - Multimodal facilities
 - Streetscaping and placemaking

Surface Transportation Block Grant (STBG) Scoring Update



- Improve the Region's Environmental Health
 - Strategies to reduce environmental impact of pavement
 - Includes stormwater BMP's
 - Reduces transportation related emissions (EV, alternative fuels, VMT reductions)
 - Supports multimodal/mode shift

Surface Transportation Block Grant (STBG) Scoring Update



- Further the health, safety, and well-being of all residents in the region
 - Speed management
 - Road departure safety elements
 - Intersection safety
 - Pedestrian/Bicycle Safety features

Surface Transportation Block Grant (STBG) Scoring Update

- Qualitative Questions: Scored by Funding Subcommittee?
 - Describe how this project supports the economic vitality of the metropolitan area?
 - Describe how this project improves the mobility and quality of life of area residents?
 - Describe the public outreach and engagement implemented as part of this project? What effort was made to reach out to disadvantaged residents?
 - Describe how this project experiments with/or implements an innovation to address a regional challenge?
 - Describe how this project improves environmental health of the region and the public.

Surface Transportation Block Grant (STBG) Scoring Update



- Points haven't been assigned to criteria yet

Surface Transportation Block Grant (STBG) Scoring Update



- Comments/concerns shared:
 - Criteria overly specific
 - Need for existing congestion and LOS to still be considered
 - Excludes elements like poor pavement, poor bridges, or high crash areas
 - Timing of improvement – sidewalks/transit might come later

UPCOMING EVENTS



WALK & ROLL

TO SCHOOL DAY

JOIN US OCTOBER 12, 2022!

REGISTER AT
WALKBIKETOSCHOOL.ORG

Annual APA Iowa Conference



APA Iowa Chapter

2022 Annual Conference | Ottumwa | Oct 12-14

Make little plans to reach high hopes!

- iowa.planning.org/conferences-and-meetings/chapter-conference/
- Bridge View Center, Ottumwa





GROWING SUSTAINABLE COMMUNITIES CONFERENCE

OCTOBER 17-18, 2022

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Upcoming Webinars

- *Creating Policy for Local Electric Vehicle Infrastructure*
 - October 19th @ 11am-12:30pm CST
- *Zoning for Equity, Resiliency, and a Post-Pandemic World*
 - October 21st @ Noon-1:30 CST
- *When it rains, it pours: a dialogue on urban flooding across the U.S.*
 - October 28th Noon-1:30pm CST



CM, EQ & SR Credits!

OTHER ITEMS OF INTEREST

Iowa SUDAS Updates

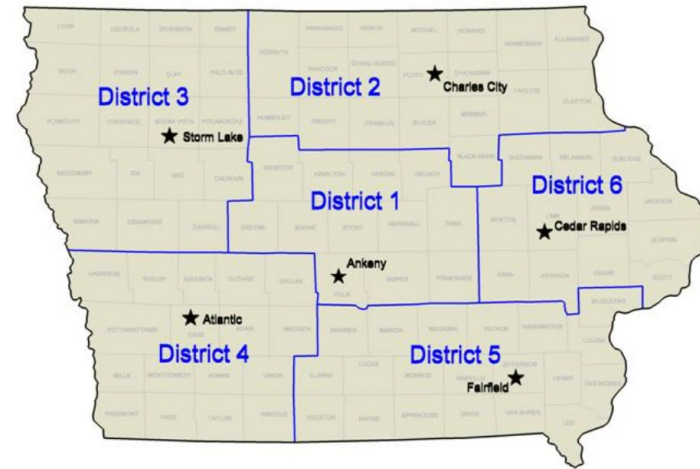
- **Proposed changes in:**
 - 5C-1: Geometric Design Tables
 - 5C-2: Geometric Design Elements
 - 5M-1: Complete Streets
 - Chapter 12: **Pedestrian** and Bicycle Facilities
 - 12A-1: General Sidewalk Requirements
 - 12A-5: Pedestrian Safety Measures and Crossings
 - 12B-1: Selecting Bicycle Facilities
 - 12B-2: Shared Use Path Design
 - 12B-3: On-Street Bicycle Facilities
 - 13A-3: Traffic Signal Features
 - 13A-4: Traffic Signal Design Considerations



Iowa SUDAS Updates

Timeline:

- **October 19, 2022: SUDAS District Meetings**
 - First presentation of proposed changes, and meeting with city, county, DOT, and consulting engineers in each of the six DOT districts in the meantime
- **February 2023: SUDAS All District Meeting**
 - Second presentation of proposed changes with initial feedback incorporated
- **April 2023: SUDAS District Meetings**
 - District Committees vote on recommended changes to the Board of Directors.
- **May 2023: SUDAS Board of Directors Meeting**
 - Final presentation of recommended changes and vote



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