



# DES MOINES AREA MPO

Transportation Technical Committee Meeting

June 1, 2023

# APPROVAL OF AGENDA

# June 1, 2023, Agenda

---

1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. PRESENTATION: Transportation Innovative Financing
5. PRESENTATION: Iowa DOT Regional Projects Update
6. REPORT and VOTE: Draft FFY 2024-2027 Transportation Improvement Program
7. REPORT and VOTE: Charging & Fueling Infrastructure Discretionary Grant Program
8. REPORT: 2023 Pavement Condition Report
9. REPORT: Comprehensive Safety Action Plan RFP Update
10. REPORT: Upcoming Events
11. Other Non-Action Items of Interest to the Committee
12. Next Meeting Date – July 6, 2023 – 9:30 a.m.
13. Adjournment


# APPROVAL OF MEETING MINUTES

# **PRESENTATION: TRANSPORTATION INNOVATIVE FINANCING**

# **PRESENTATION: IOWA DOT REGIONAL PROJECTS UPDATE**

# **DRAFT FFY 2024-2027 TRANSPORTATION IMPROVEMENT PROGRAM**

# Draft FFY 2024-2027 TIP



- The FFY 2024-2027 has been prepared and will be submitted to the Iowa DOT on June 15<sup>th</sup>
- Please review the project list and make sure that all your projects are correctly programmed



# Draft FFY 2024-2027 TIP

- Fiscal Capacity:

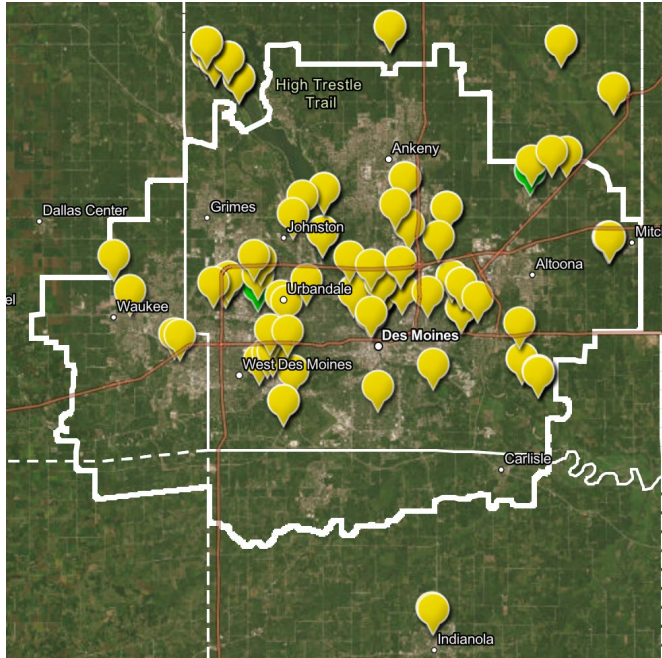
	2024	2025	2026	2027
Unobligated Balance (Carryover)	\$12,426,482	\$30,593	\$732,093	\$5,301,593
STBG Target	\$15,202,762	\$15,498,000	\$15,788,000	\$16,090,000
Subtotal	\$27,629,244	\$15,528,593	\$16,520,093	\$21,391,593
Transfer Out	\$0	\$0	\$0	\$0
Programmed STBG Funds	\$27,598,651	\$14,796,500	\$11,218,500	\$12,295,000
Balance	\$30,593	\$732,093	\$5,301,593	\$9,096,593

# **CHARGING & FUELING INFRASTRUCTURE DISCRETIONARY GRANT PROGRAM**

# Charging & Fueling Infrastructure Discretionary Grant Program

- Notice of Funding Opportunity (NOFO) released in March 2023
  - \$700 million available this cycle, and \$2.5 billion over five years
- Eligible Fuels
  - Electric, Hydrogen, Natural Gas (Compressed, Liquefied), Propane (limited to medium and heavy vehicles)
- Two grants available
  - **Community Charging and Fueling Grants (“Community Program”)**
    - Prioritizes rural areas, low/moderate income neighborhoods, low private parking/high multiunit dwellings
    - Award size \$500,000 - \$15 million
    - May contract with a private entity
  - **Alternative Fuel Corridor Grants (“Corridor Program”)**
    - Projects must be along designated Alternative Fuel Corridors (AFC)
    - Award size \$1 million and above
    - Must contract with a private entity, who is responsible for all non-federal share
  - 80% federal / 20% local
  - Applications will be considered for both grant programs and may be awarded under both
- Project Merit Criteria
  - Safety, Climate Change/Resilience/Sustainability, Equity/Community Engagement/Justice 40, Workforce Development/Job Quality/Wealth Creation, CFI Program Vision
- **Applications due June 13, 2023**

# Charging & Fueling Infrastructure Discretionary Grant Program



- MPO staff is putting together regional joint application for Community Charging Program
  - 1<sup>st</sup> of 5 years for this program
  - CIRTPA & Ames MPO coordination
- All MPO communities contacted, many in progress
  - Connect with MidAmerican for utility extension costs
  - May Council resolutions
  - Add sites to online mapping tool
- Discussion today:
  - Final Locations needed by June 6th

# 2023 PAVEMENT CONDITION REPORT

# 2023 Pavement Condition Report

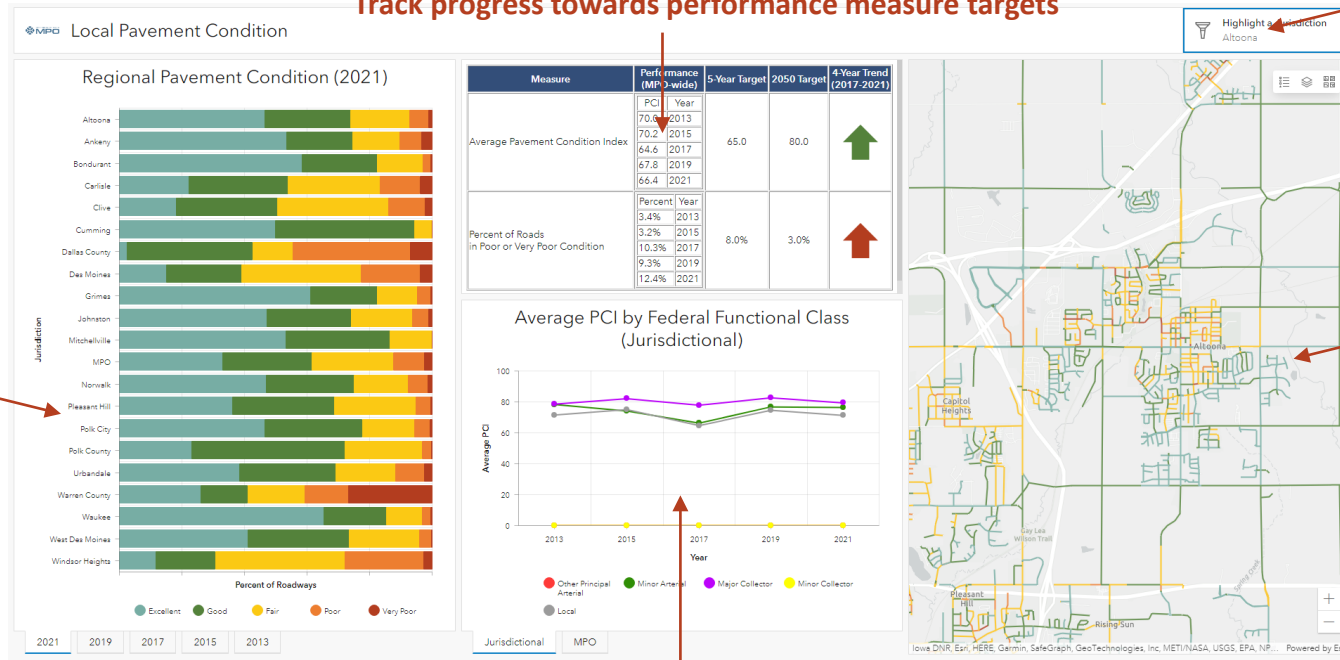


- Pavement data was collected for all paved roads in the MPO Planning Area in 2021. Pavement data is currently being collected for 2023
- Point data was used to calculate a Pavement Condition Index (PCI) score for road segments
- City and County PCIs are calculated differently
- The MPO has been tracking pavement conditions metro wide since 2013

# 2023 Pavement Condition Report

Track progress towards performance measure targets

Highlight a MPO member jurisdiction





Regional comparisons across time periods

Map zooms to selected jurisdiction

Graph updates with selected jurisdiction

<https://experience.arcgis.com/experience/3ff11bb2161c4078973d877816f98d87>

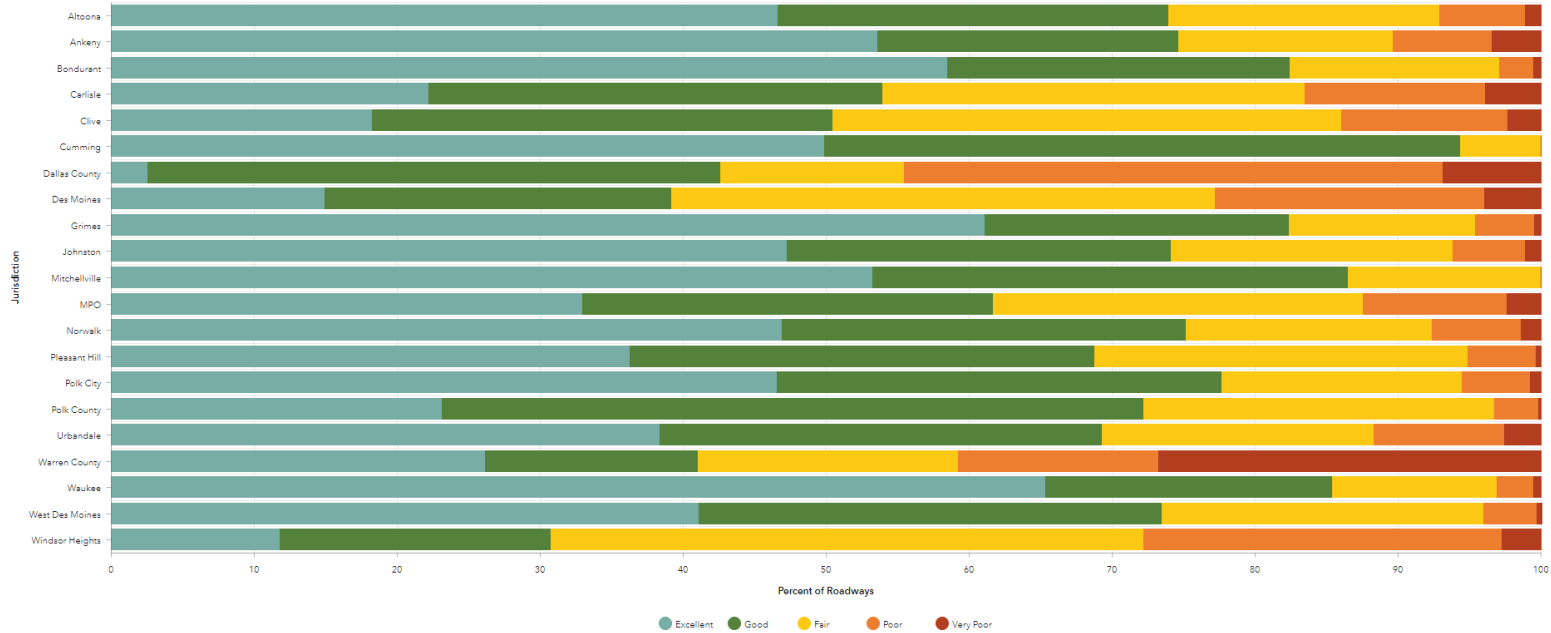
# 2023 Pavement Condition Report

Measure	Performance (MPO-wide)		5-Year Target	2050 Target	4-Year Trend (2017-2021)
	PCI	Year			
Average Pavement Condition Index	70.0	2013	65.0	80.0	
	70.2	2015			
	64.6	2017			
	67.8	2019			
	66.4	2021			
Percent of Roads in Poor or Very Poor Condition	3.4%	2013	8.0%	3.0%	
	3.2%	2015			
	10.3%	2017			
	9.3%	2019			
	12.4%	2021			



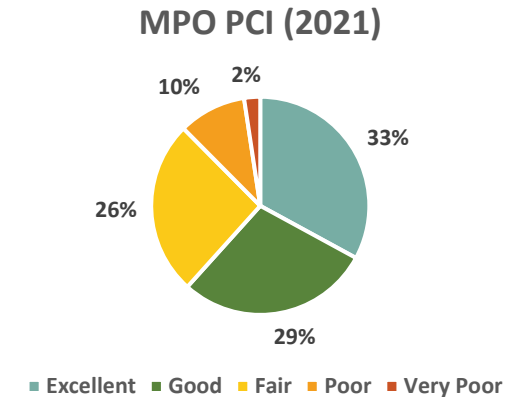
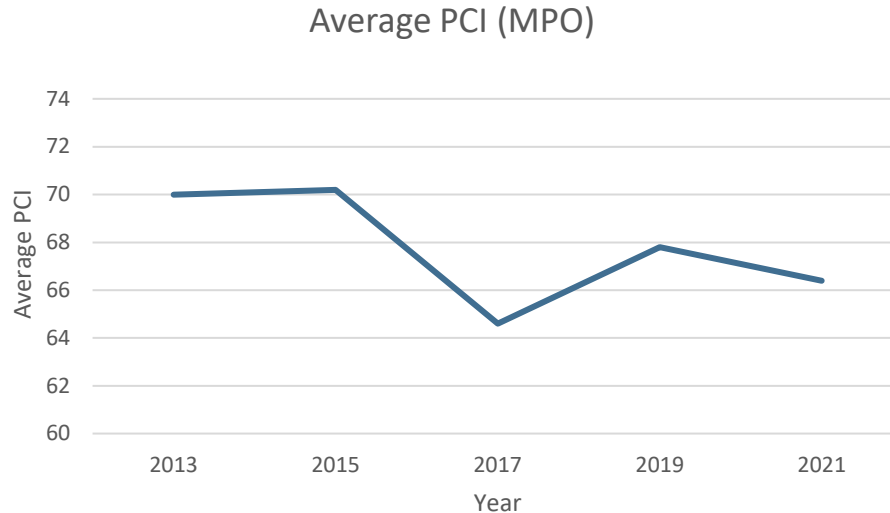
# 2023 Pavement Condition Report

Regional Pavement Condition (2021)



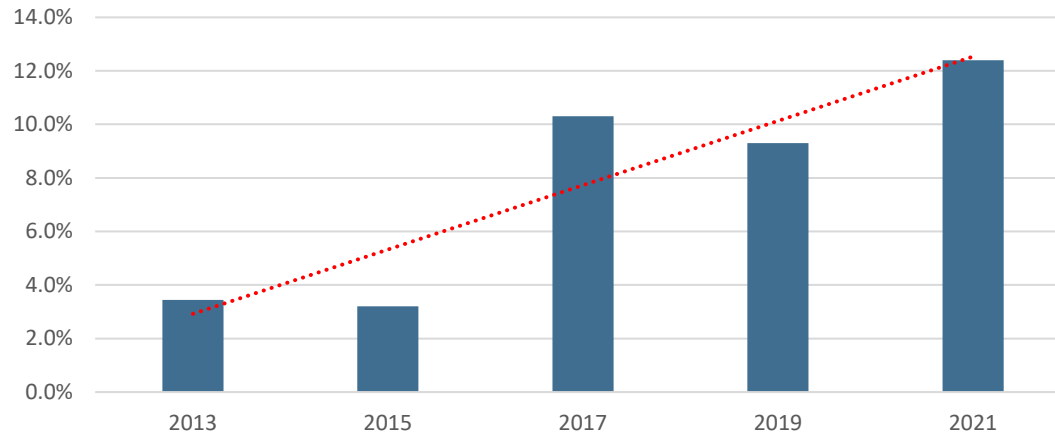
# 2023 Pavement Condition Report

- In 2021, average PCI across the MPO was 66.4



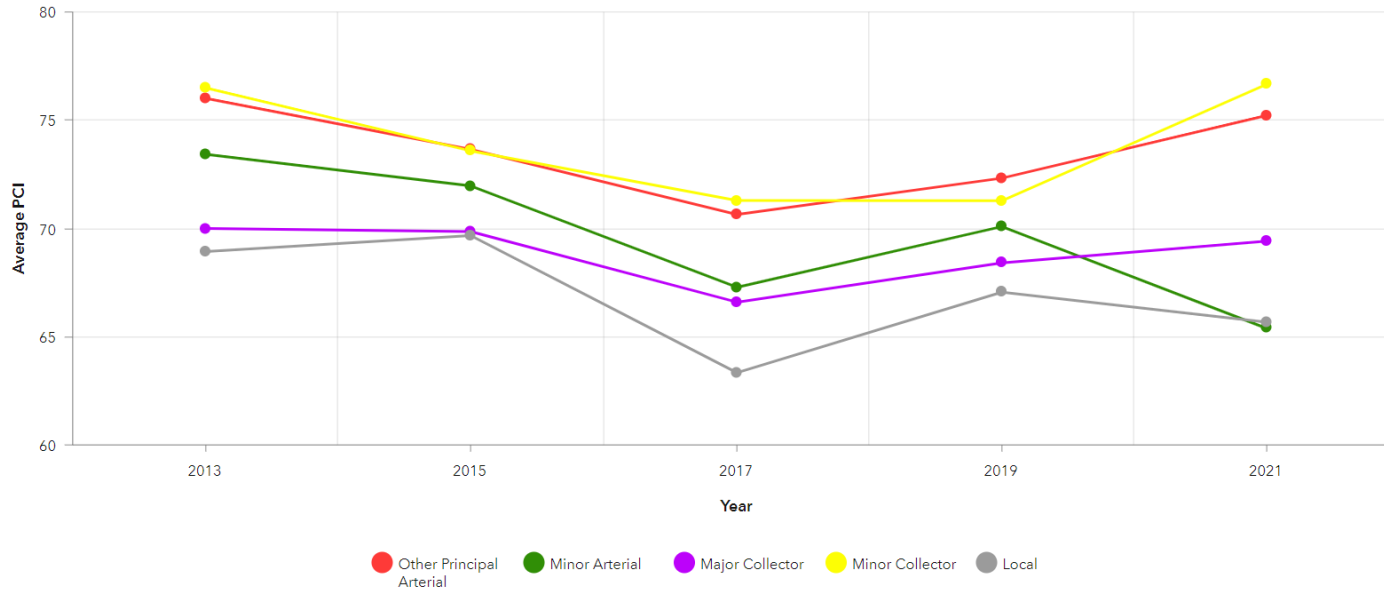
# 2023 Pavement Condition Report

Percent of Roads in Poor or Very Poor Condition  
(MPO)



# 2023 Pavement Condition Report

Average PCI by Federal Functional Class (MPO)



# 2023 Pavement Condition Report

- The MPO has 14.7 square miles of local road pavement
- That is larger than the cities of **Altoona** (11.7 sq mi), **Bondurant** (9.1 sq mi), **Carlisle** (5.7 sq mi), **Clive** (7.8 sq mi), **Grimes** (12.0 sq mi), **Mitchellville** (2.5 sq mi), **Norwalk** (11.9 sq mi), **Pleasant Hill** (10.9 sq mi), **Polk City** (5.5 sq mi), and **Windsor Heights** (1.4 sq mi)
- It is 48.3% the size of **Ankeny**, 16.2% the size of **Des Moines**, 70.3% the size of **Johnston**, 65.3% the size of **Urbandale**, 70.0% the size of **Waukee**, and 30.6% the size of **West Des Moines**

# COMPREHENSIVE SAFETY ACTION PLAN RFP UPDATE

# Comprehensive Safety Action Plan RFP Update

- Submitted RFPs:
  - Felsburg, Holt & Ullevig (FHU) – Fehr & Peers and Group Creative Services
  - SRF – Alta Planning + Design and Snyder & Associates
  - Toole Design – HR Green, Confluence, and HDR Engineering
- Selection Committee:
  - Mark Holm – City of Ankeny
  - Marketa Oliver – City of Bondurant
  - Stephanie Riva – City of Norwalk
  - John Davis – City of Des Moines
  - Eric Peterson – City of West Des Moines
  - Luis Montoya – DART
  - Jeremy Lewis – Street Collective

# Comprehensive Safety Action Plan RFP Update

- Next Steps:
  - Selection Committee will review and score the RFP responses;
  - Interviews will be schedule for mid-to-late June;
  - Selection Committee will conduct interviews and determine a preferred consultant team to recommend team to the Executive and Policy Committee at their August meetings;
  - Staff will enter contract negotiations following approval by the Policy Committee.



# UPCOMING EVENTS

# Upcoming Events

- 2023 Governor's Highway Traffic Safety Conference – June 13<sup>th</sup> to June 15<sup>th</sup> – Holiday Inn Airport and Conference Center, Des Moines
- Equity in Roadway Safety Webinar Series: USDOT Tools to Conduct Equitable Safety Data Analysis - June 14th at 12 PM – Zoom
- Focus on Reducing Rural Roadway Departures (FoRRRwD): Putting the Proven Countermeasures to Work to Reduce Roadway Departures – June 20th at 12 pm - Zoom
- Iowa County Engineers Association (ICEA) Mid-Year Conference and Golf Outing – July 13th - Ames
- Utilizing Utilities: Partners and Policies to Accelerate Adoption – June 15th at 2 p.m. – Zoom
- TRB International Conference on Low Volume Roads – July 23rd – 26th – Cedar Rapids
- Safe Routes to School Summit 2023 – October 24-26 - Online
- TRB Transportation Resilience 2023 – International Conference on Extreme Weather & Climate Change Challenges – November 13-15th – Washington, D.C.

# OTHER ITEMS OF INTEREST

# June 1, 2023, Agenda

---

1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. PRESENTATION: Transportation Innovative Financing
5. PRESENTATION: Iowa DOT Regional Projects Update
6. REPORT and VOTE: Draft FFY 2024-2027 Transportation Improvement Program
7. REPORT and VOTE: Charging & Fueling Infrastructure Discretionary Grant Program
8. REPORT: 2023 Pavement Condition Report
9. REPORT: Comprehensive Safety Action Plan RFP Update
10. REPORT: Upcoming Events
11. Other Non-Action Items of Interest to the Committee
12. Next Meeting Date – July 6, 2023 – 9:30 a.m.
13. Adjournment