

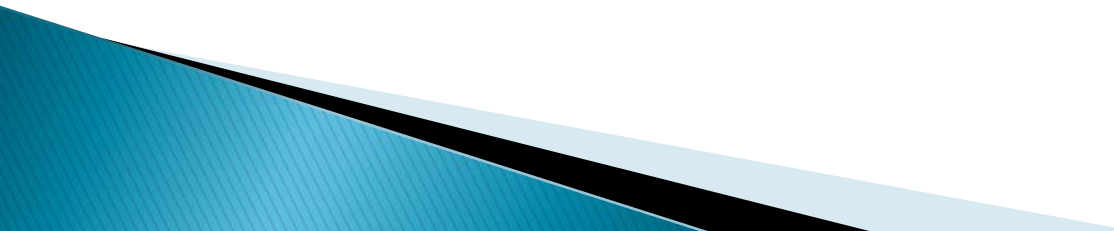
CITY OF ANN ARBOR

FY2020–FY2025 Planning Commission CIP Work Session

December 9, 2018



Capital Improvement Plan Overview

- ▶ Plan includes physical improvements greater than \$100,000 or studies greater than \$50,000 that will lead to improvements
 - ▶ Plan is developed by Asset Category Groups and Teams
 - ▶ CIP Process: The Three P's
 - ▶ Planning Commission & City Council Roles
 - ▶ What's New
- 

Asset Category Groups and Teams

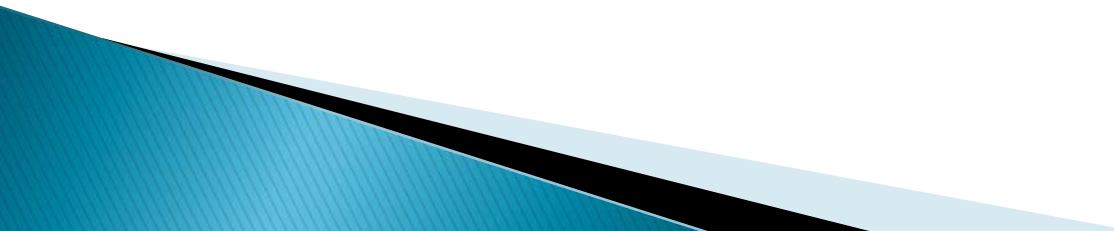


- 3 Asset Category Groups
- 13 Asset Category Teams
- 70+ Team Members
- 11 Service Units
- Broad perspective sought:
 - Public Works Staff
 - Engineering Staff
 - Systems Planning Staff
 - Water & Wastewater Plant Staff
 - Planning Staff
 - Financial Staff
 - Fire Services Staff
 - Parks and Recreation Staff
 - DDA, NAP, and UM Staff


Three Overarching Asset Category Groups:

- Municipal Facilities
 - Transportation
 - Utilities
- 

Municipal Facilities Asset Teams:

- City Owned Buildings
 - Parks and Recreation
 - Solid Waste
- 

Transportation Asset Teams:

- Airport
 - Active Transportation (**new revision**)
 - Bridges
 - New Streets
 - Other Transportation
 - Parking Facilities
 - Street Construction
 - Transit (**new revision**)
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Utilities Asset Teams:

- Sanitary Sewer
- Stormwater
- Water

Financial Team

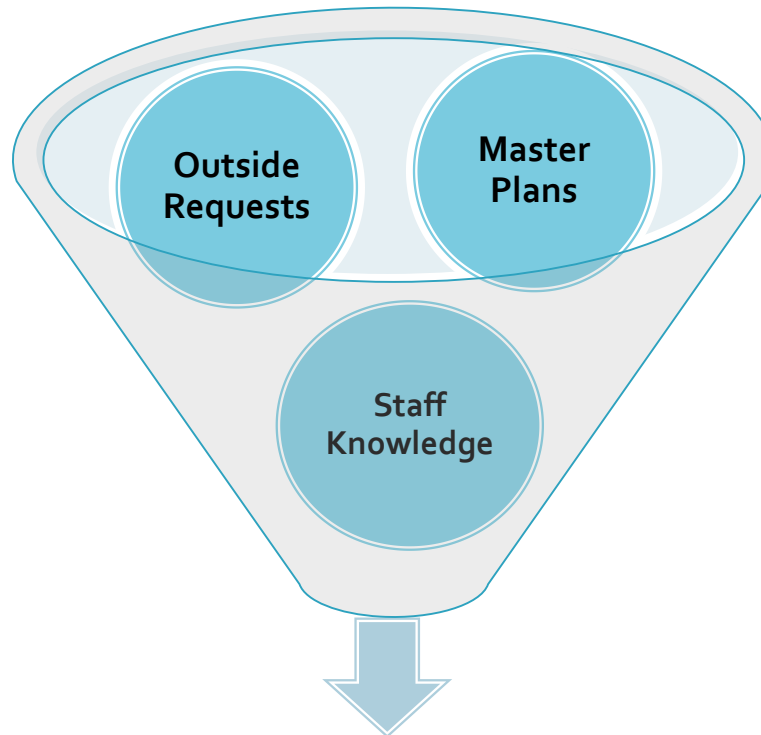


- Includes staff from:
 - Financial Services
 - Public Services

CIP Process:

The Three P's

Project Needs: Asset Team Meeting 1



Identify Project Needs and Enter in
CIP Database



AAPS
UM
NAP
Other

Prioritize Projects:

Asset Team Meeting 2



Prioritize Needs
utilizing
Prioritization Model

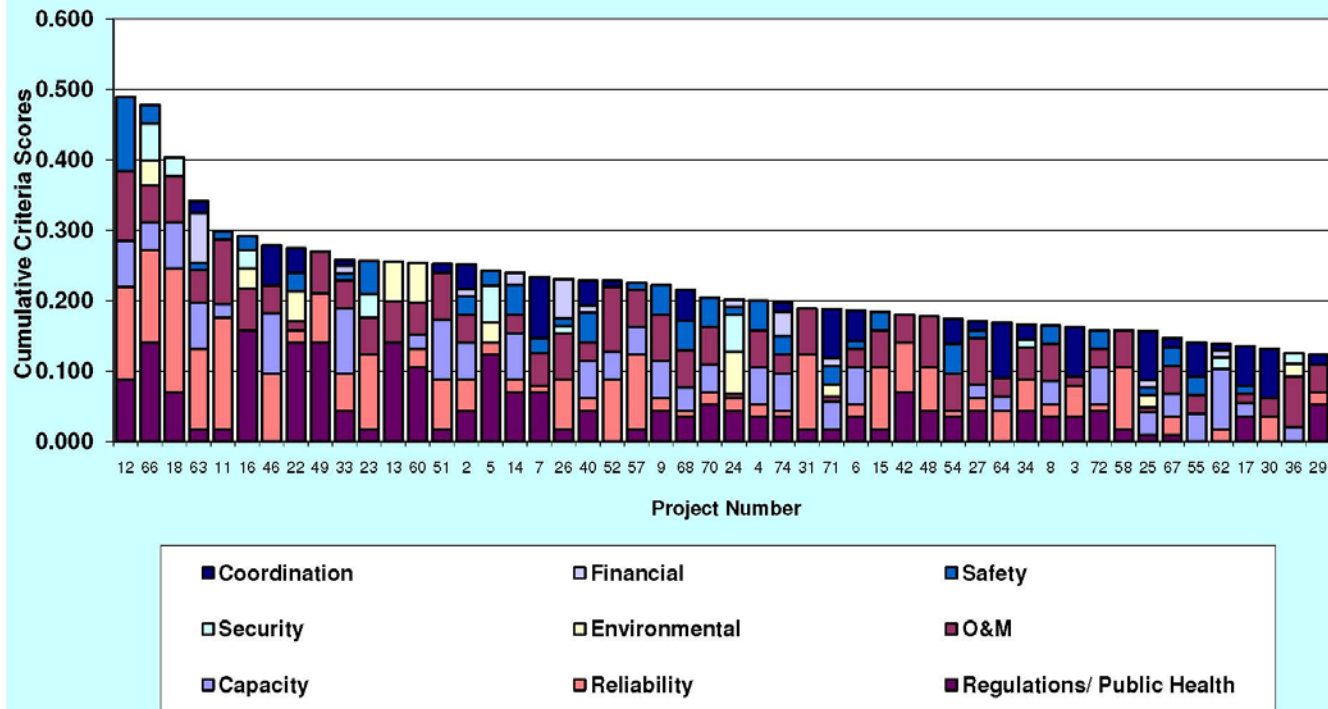
Prioritization Model:

Score all criteria for each project

Project Number	Category Type - Department Type	Project Name	Regulations/ Public Health	Reliability	Capacity	O&M
1	Conveyance	AARR Water Main Crossing Replacements (S. Ashley; S. Main)	1.0	0.7	0.0	2.0
2	Conveyance	Arbor Oaks Subdivision Water Mains Replacement	2.7	2.5	4.3	3.0
3	Conveyance	Catherine Street 16" Water Main	2.0	2.9	0.0	1.0
4	Conveyance	Claire Circle Water Main Replacement	2.0	1.3	4.3	4.0
5	IS	Distribution System Monitoring and Security	7.0	1.3	0.0	0.0
6	Conveyance	Elmcrest Drive Water Main	2.0	1.1	4.3	2.0
7	Conveyance	Exmoor Looping Water Main & Londonderry Water Main Replacement	4.0	1.0	0.0	3.5
8	Conveyance	Glendaloch Circle Water Main Replacement	2.0	1.5	2.7	4.0
9	Conveyance	Hiawatha and Loyola Water Main Replacement	2.7	1.1	4.3	5.0
10	Plant Equipment	HVAC Improvements at the Water Treatment Plant	0.0	0.0	0.0	4.5
11	Conveyance	Plymouth Road Water Main Replacement	1.3	9.2	1.7	7.3
12	Plant Equipment	Replace Limeslakers at Water Treatment Plant	5.0	7.5	5.0	7.5
13	Environmental	Residuals Pond Improvements	8.0	0.0	0.0	4.5
14	Conveyance	Stadium/Iroquois Water Main Replacement	4.0	1.3	5.0	2.0
15	Conveyance	Washtenaw Water Main Replacement	1.3	5.0	0.0	4.0

Run the model and evaluate results

**Figure 1: Capital Prioritization Ranking of Alternatives
by Total Benefit Value
(Through top 50 projects)**



Meanwhile.....

► Finance:



Reviews
Current
Financials

Updates
Expected
Revenue
Forecasts

Determines
Funding
Availabilities

Programming:

Asset Team Meeting 3

Consider.....



Prioritization Score



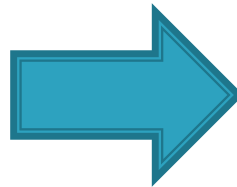
Funding Availability



Coordination with
other projects



Staff and
Contractor Capacity



6-Year
Program of
Capital
Improvements

Draft Plan Prepared

- ▶ SPU CIP Staff compiles numerous reports from CIP database
- ▶ Draft FY 2020-2025 CIP is prepared based on Programming from all Asset Groups



Planning Commission and City Council Roles

Planning Commission

Step 1: Holds CIP Work Session



6-Year
Program of
Capital
Improvements

Planning Commission

Step 2: Holds Public Hearing and adopts Plan



6-Year
Program of
Capital
Improvements

City Council

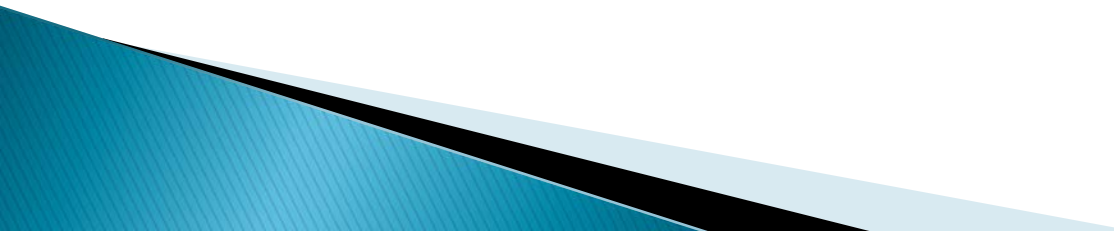
Utilizes Plan as Building Block of Capital Budget




6-Year
Program of
Capital
Improvements

New In FY2020-2025 CIP

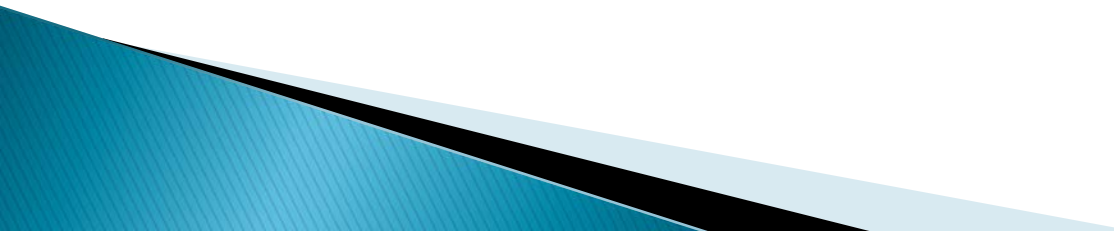
Alternative Transportation Asset Category Revised

- ▶ Revision Based on Recommendation from Transportation Commission
 - ▶ Divided Category into:
 - Active Transportation
 - Transit
 - ▶ Active Transportation to include projects with pedestrian and bicycle focus
 - ▶ Transit to include rail, bus, and other transit projects
- 

New General Funds Prioritization Process

- ▶ In most asset groups, projects do not compete for funds with other asset groups
 - ▶ However, general funds (GF) do serve as a funding source in more than one asset group
 - ▶ Historically, Finance and Administration reviewed GF availability to determine which projects could be advanced to the capital budget
 - ▶ A new process created a group to perform a secondary prioritization across asset groups for projects using GF
 - ▶ That group created weighting unique to GF
- 

CIP Database Revised to Track Sustainability Framework Goals

- ▶ Change requested by Environmental Director to facilitate better tracking of capital project contributions to Framework Goals
 - ▶ Presently, contributions to Sustainability Framework goals are scored per the Prioritization Criteria
 - ▶ However, no record was being kept of which specific Framework Goals earned the project points
 - ▶ The new database function will allow such tracking
- 

**CIP
Details
Form**

2000 South Industrial Site Evaluation

MF-CB-14-02

Find by Project Name

Find by Project ID

General Information **Schedule/Funding** **Source(s)** **Other** **Sustainability****Climate and Energy**☐

Sustainable Energy

Energy Conservation

High Performance Buildings

Community☐

Engaged Community

Diverse Housing

Human Services

Safe Community

Active Living and Learning

Economic Vitality

Land Use and Access☐

Transportation Options

Sustainable Systems

Integrated Land Use

Resource Management☐

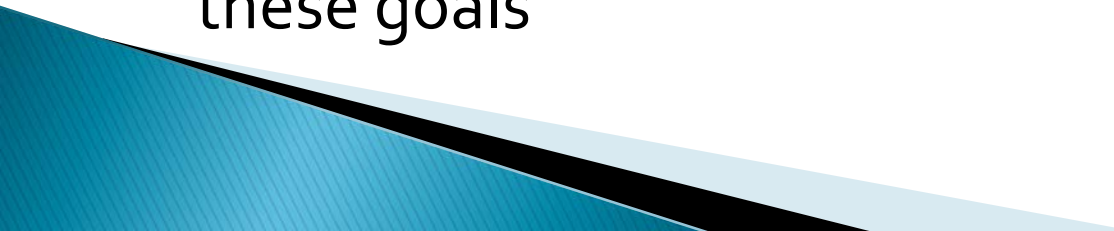
Clean Air and Water

Healthy Ecosystems


Responsible Land Use

Local Food

Increased Emphasis on Energy, Greenhouse Gas Emissions, and Climate Preparedness in Design

- ▶ The City has aggressive Sustainability goals in these key areas
 - ▶ To assure progress towards the goal, Environmental Director will be working closely with staff at budget-setting and early design phase of targeted capital projects
 - ▶ The Sustainability Framework tracking will help identify projects that can have maximum impact on these goals
- 

CIP Database Revised to Track Public Art Enhanced Projects

- ▶ Public Arts Commission requests enhancement of projects with public art
 - ▶ Request includes a budgetary ask
 - ▶ Council approves enhancement
 - ▶ Database will now allow for recording this approval and budget allowed
 - ▶ The budgeted \$ will need to be added to the project budget by responsible staff member
- 

Project Information

— □ ×

CIP
Details
Form

2000 South Industrial Site Evaluation

MF-CB-14-02

Find by Project Name

Find by Project ID

General Information

Schedule/Funding

Source(s)

Other

Sustainability

Current Budget

\$0

Actual Expenditures

\$0

Public Art Enhanced

PublicArtBudget

Recent Prioritization Criteria Changes

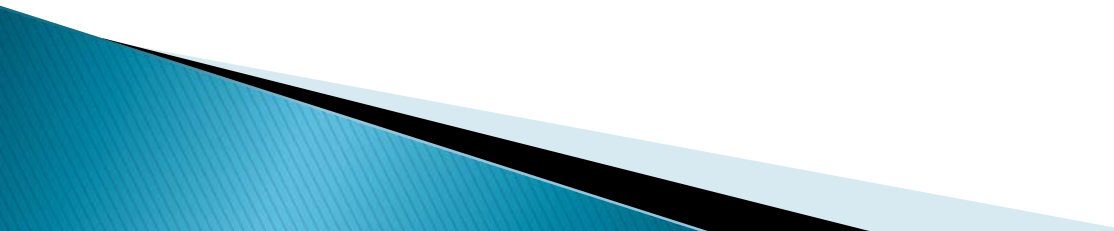
- Eliminated “Innovation” criteria
 - ❖ It is a core *design value* but has not historically served to separate one project’s priority from another’s
 - ❖ Whether or not a project incorporates innovative techniques is not generally known until design phase

- Merged “Partnerships” with “Coordination with Other Projects” criteria
 - ❖ Earning a 10 in “Partnerships” is rare, so criteria has not historically served to separate one project’s priority from another’s
 - ❖ Descriptor to earn 3 points from “Partnerships” would be added to “Coordination with Other Projects” criteria
 - ❖ “Coordination with Other Projects” would be renamed to “Coordination with Other Projects and Agencies”

Future Prioritization Criteria Changes

- Feedback indicates growing desire to tailor some of the criteria to the specific asset group
- Input will be solicited in asset groups re possible changes to:
 - ❖ “Safety/Compliance/Emergency Preparedness”
 - ❖ “User Level of Service”
 - ❖ “System Influence and Capacity”
- For example, Street Asset Group is considering the use of a “Condition Rating” criteria in lieu of the “Systems Influence and Capacity” criteria

Increased Focus on Project Deliverability in Budget Cycles

- ▶ Administration and Finance are requesting increased focused on scheduling of projects as they relate to the budget cycle
 - ▶ Projects should only be proposed in the first two plan years where staff and fiscal resources are available to advance the project in those years
 - ▶ This will avoid tying up funds on projects not ready to be advanced
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CIP Ideas Webpage

- ▶ A new CIP Plan Ideas website is being launched to allow the public to suggest CIP projects
- ▶ The popular A2FixIt website will be tested as a way to drive traffic to the site

Questions ?



**Thanks for your time and
participation!**

