

CITY OF ANN ARBOR

FY2022-FY2027

CIP

PLANNING COMMISSION
WORK SESSION



WEDNESDAY, OCTOBER 14, 2020

Work Session Overview

- Brief Overview of CIP nature and its process
- Planning Commission & City Council Roles
- Allovance Software Implementation and Prioritization
- Questions

Capital Improvement Plan Overview

- CIP is required by Act 33 of the Public Acts of 2008
- Sets out a 6 year plan for capital expenditures
- Plan is organized by 3 overarching groups:
 - Municipal Facilities
 - Transportation
 - Utilities

Capital Improvement Plan Overview

- The three overarching groups are organized into asset groups as follows:
- **Municipal Facilities**
 - City Owned Buildings
 - Parks and Recreation
 - Solid Waste
- **Transportation**
 - Airport
 - Active Transportation
 - Bridges
 - New Streets
 - Other Transportation
 - Parking Facilities
 - Street Construction
 - Transit
- **Utilities**
 - Sanitary Sewer
 - Stormwater
 - Water



- Plan development involves broad perspective:
 - 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



CIP Process:

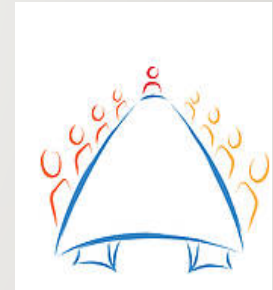
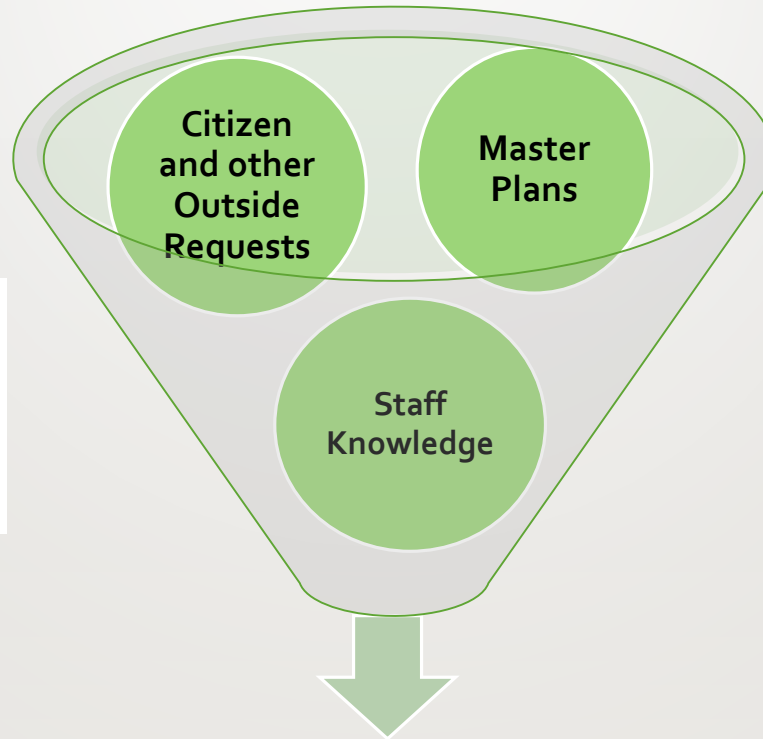
THE THREE **P**'S:

PROJECT NEEDS

PRIORITIZATION

PROGRAMMING

Project Needs: Asset Team Meeting 1



AAPS
UM
NAP
Other

Identify Project Needs and Enter in
in **New** Allowance Web-based
Software

Prioritize Projects:

Asset Team Meeting 2

Prioritize Needs:

New! Now utilizing

Allovanance Strategic
Value Scoring Model



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

New! Using Allowance
Programming Tools

Draft Plan Prepared

- SPU CIP Staff compiles numerous reports from software
- Draft FY 2022-2027 CIP is prepared based on Programming from all Asset Groups



Planning Commission Role:

Step 1: Holds CIP Work Session

Step 2: Holds Public Hearing

Step 3: Adopts Plan




City Council Role:

Utilizes CIP Adopted by Planning Commission
as Building Block of Capital Budget



Timeline for FY2022-FY2027 CIP

- 
- CIP Kickoff 9/09
 - Financial Team Meetings
and Funding Analysis 9/09 - 10/15
 - Hold Three P Meetings 9/11 – 11/4
 - CIP Draft Plan Development 11/4 – Mid Nov.
 - Draft to Planning Comm. Mid Nov. - Dec.
 - CPC Public Hearing/Action Dec. or Jan.
 - City Council for Budget Consideration TBD



New In FY2022-2027 CIP

Prioritization Criteria Changes with Allowance

- Piloted change with the 6 largest CIP Groups (Parks and Recreation, Active Transportation, Street Construction, Sanitary, Stormwater, and Water)
- Retained existing Prioritization Criteria for the remaining smaller asset groups for now
- Previous system did not readily permit tailoring the prioritization criteria to the specific strategic values and scoring quantification desires of each asset group
- Since asset groups do not generally compete for funds, the differing strategic values/scoring criteria do not create inequities
- New system allows greater flexibility to tailoring sustainability goals to each asset group

Current Standard Prioritization Criteria

1	Sustainability Framework Goals	0 Contributes to meeting 1 or less of the City's Sustainability Framework Goals	3 Modestly contributes to meeting two to three of the City's Sustainability Framework goals	7 Significantly contributes to meeting two or three of the City's Sustainability Framework goals OR modestly contributes to meeting four or more of the City's Sustainability Framework goals	10 Significantly contributes to meeting 4 or more of the City's Sustainability Framework goals	
2	Safety/Compliance/Emergency Preparedness	0 Does not address safety, compliance, or emergency preparedness considerations	2 Modestly contributes to reducing a public health or safety hazard, but is not required for compliance	5 Will assist in ability to continue governmental services during emergencies OR will eliminate a low risk public health or safety hazard	8 Necessary to meet recommended regulatory compliance OR will reduce exposure to a high risk public health or safety exposure	10 Contributes to mandatory regulatory compliance OR will eliminate exposure to a high risk public health or safety hazard OR is necessary to assure continuance of governmental services during emergencies
3	Funding	0 Has no potential funding	2 Has uncertain funding source(s) (e.g., Special Assessment, General Fund) OR has anticipated funding from low-interest loan source (e.g., SRF, DWRP, Energy Fund) with no loan forgiveness	6 Funding available from standard City funding sources (e.g., utility rates, road mileage, etc.) OR has anticipated funding from low-interest loan source (e.g., SRF, DWRP, Energy Fund) with high potential for loan forgiveness	8 Has anticipated partial project funding (<50%) from outside non-loan source(s)	10 Has anticipated substantial project funding (>50%) from outside non-loan sources (e.g., STP, grant funding, developer, Township financed)
4	Coordination with Other Projects or Agencies	0 There are no other planned projects that should be coordinated with this Project AND project does not provide partnership opportunities	3 Promotes regional or interagency planning and coordination OR public/private partnership	5 Costs can be modestly reduced (< 20%) by aligning project with another project (e.g. street reconstruction with utility replacement) OR no cost savings will be realized but aligning with another project minimizes disruption to the public	8 Costs can be significantly reduced (>20%) by aligning project with another project (e.g. street reconstruction with utility replacement)	10 Schedule is driven by other high-priority improvements that must be completed within the next two fiscal years
5	Master Plan Objectives	0 Does not contribute to meeting any of the City's master plan or other strategic planning document goals	3 Modestly contributes to meeting one of the City's master plan or other strategic planning document goals	6 Significantly contributes to meeting one of the City's master plan or other strategic planning document goals OR modestly contributes to meeting two or more of the City's master plan or other strategic planning document goals	10 Significantly contributes to meeting two or more of the City's master plan or other strategic planning document goals	
6	User Experience (Level of Service)	0 Will not affect Level of Service	4 Modestly Improves existing Level of Service	7 Provides a new service requested by and that benefits a small segment of the community	10 Significantly Improves existing Level of Service OR provides a new service which is requested by and benefits a large segment of the community	
7	System Influence/Capacity	0 Does not contribute to larger system network or user demand	3 Meets future user demand	6 Addresses immediate user demand that benefits a small segment of the user population	10 Addresses immediate user demand that benefits a large segment of the user population	
8	O&M (Operations & Maintenance)	0 Will cause increase OR have a neutral effect on O&M costs	3 Makes modest contribution to O&M cost reduction	7 Makes modest contribution to O&M cost reduction AND creates opportunities to improve operational flexibility, use of technology, or extends asset life	10 Makes significant contribution to O&M cost reduction AND creates opportunities to maximize operational flexibility, use of technology, or extends asset life, or utilizes materials or techniques that provide lowest overall life-cycle costs	

Strategic Value Scorecard – Parks & Recreation





QUANTIFY

PRIORITY: SUSTAINABILITY

OBJECTIVE: CONTRIBUTES TO A2ZERO GOALS

Set the criteria for each level of the scale for *Contribute to A2Zero Goals*

Low Desirability

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- Project does not contribute to the A2Zero Resilience Strategies (*Resilience Hub, Youth Ambassador Program, Preserve and Enhance the Local Tree Canopy, Conduct Asset and Needs Mapping, Assist and Distributing of Emergency Preparedness Kits, Implementing Sensors to monitor Heat, Air Quality, Waterways, and Flooding*) AND
- Project does not contribute to the City's interconnected non-motorized transportation network. AND
- Does not play a role in the production of local food. AND
- Energy sources from the project come from the existing power grid or does not require power.

Medium Desirability

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- Project contributes to **at least one** of the A2Zero Resilience Strategies (*Resilience Hub, Youth Ambassador Program, Preserve and Enhance the Local Tree Canopy, Conduct Asset and Needs Mapping, Assist and Distributing of Emergency Preparedness Kits, Implementing Sensors to monitor Heat, Air Quality, Waterways, and Flooding*) AND/OR
- Project improves and enhances the City's interconnected non-motorized transportation network. AND/OR
- Improves or expands existing local food production projects (Project Grow, Orchards, Food Forest). AND/OR
- Project operates with 100% renewable energy sources or does not require power.

High Desirability

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- Project contributes to **two or more** of the A2Zero Resilience Strategies (*Resilience Hub, Youth Ambassador Program, Preserve and Enhance the Local Tree Canopy, Conduct Asset and Needs Mapping, Assist and Distributing of Emergency Preparedness Kits, Implementing Sensors to monitor Heat, Air Quality, Waterways, and Flooding*) AND/OR
- Project extends the City's interconnected non-motorized transportation network. (Another level - Extending the City's interconnected non-motorized transportation network to underserved communities) AND/OR
- Generates opportunities to add to the City's local food production programs. AND/OR
- Project generates a surplus of energy that can be used to offset energy demands elsewhere in the Park System.

Resulting scale for *Contribute to A2Zero Goals*





QUANTIFY

PRIORITY: SUSTAINABILITY

OBJECTIVE: *PROTECT NATURAL SYSTEMS*

Set the criteria for each level of the scale for *Protect Natural Systems*

Low Desirability

B *I* ~~S~~ {} U Normal

- Project meets rules and regulations regarding stormwater runoff. OR
- Project links together one or more high quality natural areas. OR
- Project has minimal positive impact on existing natural system and biodiversity. OR
- Project has minimal positive impact on natural resources.

Medium Desirability

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Meets at least 2 of the 4 following objectives:

- Project exceeds rules and regulations on stormwater runoff by reducing volume of stormwater and improving quality of stormwater runoff. AND/OR
- Project links together two or more high quality natural areas. AND/OR
- Project creates natural systems which increases the biodiversity of an area. AND/OR
- Project has a positive impact on natural resources.

High Desirability

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Meets at least 3 or 4 of the 4 following objectives:

- Project exceeds rules and regulations on stormwater runoff by reducing volume of stormwater and improving quality of stormwater runoff. AND/OR
- Project links together two or more high quality natural areas. AND/OR
- Project creates natural systems which increases the biodiversity of an area. AND/OR
- Project has a positive impact on natural resources.

Resulting scale for *Protect Natural Systems*





QUANTIFY

PRIORITY: PARK SYSTEM INFRASTRUCTURE

OBJECTIVE: *MEET
OR EXCEED
REGULATORY
COMPLIANCE &
INDUSTRY
STANDARDS*

Set the criteria for each level of the scale for *Meet or exceed Regulatory Compliance & Industry Standards*

Low Desirability

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- Results in meeting minimal current industry standards

Medium Desirability

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- Results in meeting all current industry standards

High Desirability

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- Results in exceeding all current standards and adopts recommended practices that are not required

Resulting scale for *Meet or exceed Regulatory Compliance & Industry Standards*





QUANTIFY

PRIORITY: PARK SYSTEM INFRASTRUCTURE

OBJECTIVE: *MAINTAIN INFRASTRUCTURE CONDITION*

Set the criteria for each level of the scale for *Maintain Infrastructure Condition*

Low Desirability

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- Provides minimal infrastructure condition improvement

Medium Desirability

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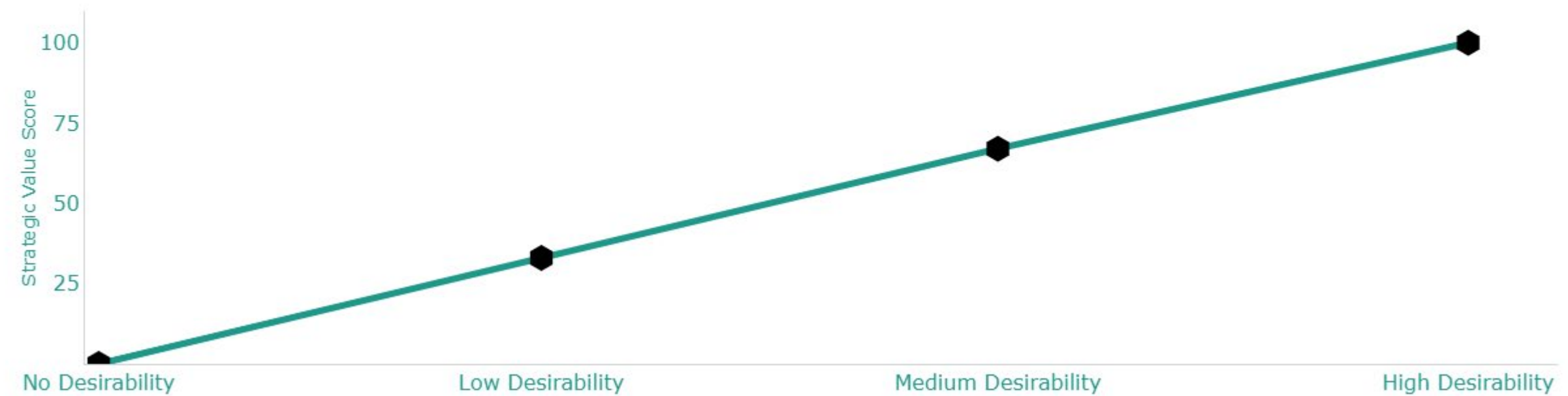
- Provides moderate infrastructure condition improvement

High Desirability

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- Provides substantial infrastructure condition improvement

Resulting scale for *Maintain Infrastructure Condition*





QUANTIFY

PRIORITY: QUALITY
OF LIFE

OBJECTIVE:
*CREATES
EXCELLENT PARKS
& SPACES*

Set the criteria for each level of the scale for *Creates Excellent Parks & Spaces*

Low Desirability

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- Provides a respite from Built Environment AND/OR
- Provides a connection to natural world

Medium Desirability

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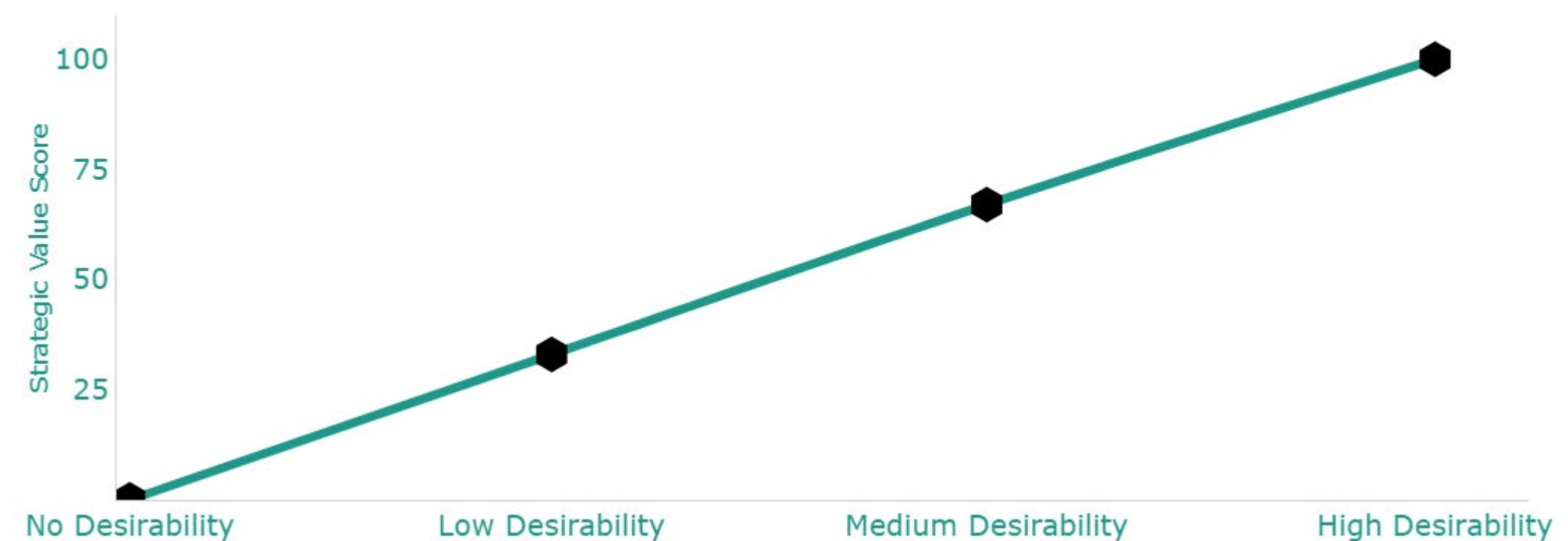
- Meets Low Desirability PLUS
- Helps to enhance human connection, gatherings and events AND/OR
- Aesthetic/Place Making

High Desirability

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- Meets Medium Desirability PLUS
- Helps support Innovation AND/OR
- Stewardship of cultural resources

Resulting scale for *Creates Excellent Parks & Spaces*





QUANTIFY

PRIORITY: QUALITY OF LIFE

OBJECTIVE: PROVIDES ACCESS

Set the criteria for each level of the scale for *Provides Access*

Low Desirability

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- Provides ADA access AND/OR
- Provides amenities not easily found within 1 mile radius from the project location

Medium Desirability

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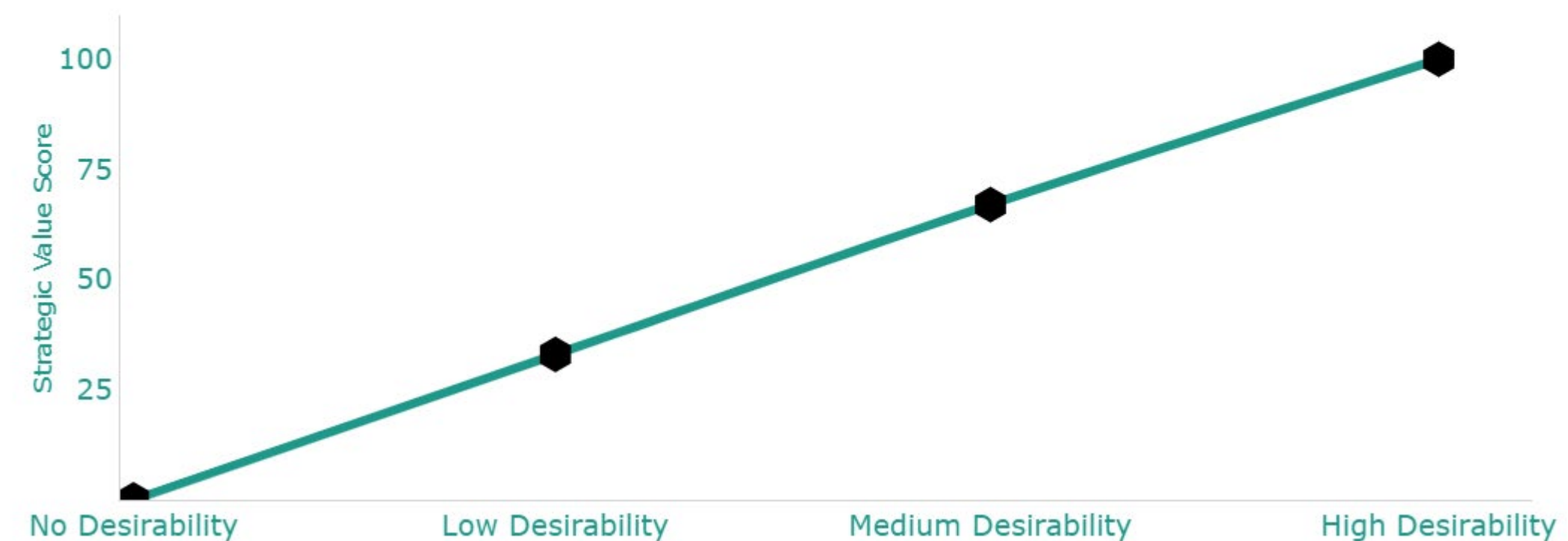
- Provides ADA access plus limited Universal access AND/OR
- Provides amenities not easily found within 1/2 mile radius from the project location

High Desirability

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- Provides full Universal access AND/OR
- Provides amenities not easily found within 1/4 mile radius from the project location AND/OR
- Provides an amenity in an underserved (hardship) area

Resulting scale for *Provides Access*





QUANTIFY

PRIORITY: QUALITY OF LIFE

OBJECTIVE: *ENHANCES CUSTOMER EXPERIENCE AND SATISFACTION*

Set the criteria for each level of the scale for *Enhances Customer Experience and Satisfaction*

Low Desirability

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- Response to a **localized need**

Medium Desirability

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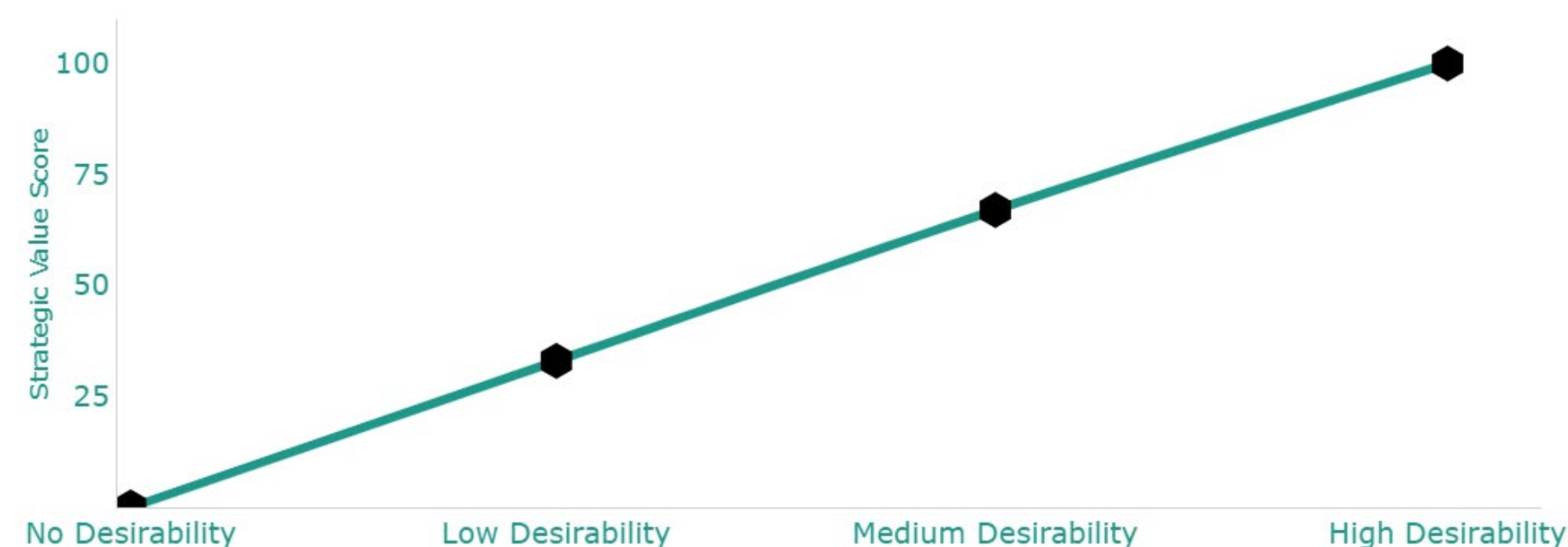
- Provides a **larger area** opportunity for play and learning AND/OR
- Enhances the visitor Experience (comfort / cleanliness / enjoyment) AND/OR
- Improves overall customer Satisfaction

High Desirability

B *I* ~~S~~ {} U Normal

- Creates diverse Recreation Opportunities and Experiences AND/OR
- Provides new recreation opportunities or experiences

Resulting scale for *Enhances Customer Experience and Satisfaction*





QUANTIFY

PRIORITY: FINANCIAL HEALTH

Low Desirability

B *I* ~~S~~ {} U Normal

- Partnerships & Grants: City assumes all capital costs. OR
- Impacts Operating Budget: Project increases operating budget expenditures, generates no additional revenue. (example – a new boardwalk in a nature area)

Medium Desirability

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- Partnerships & Grants: Partnerships and/or grant funding cover less than 50% of the capital project cost. OR
- Impacts Operating Budget: Project decreases operating budget expenditures with little or no impact on revenue (example – mechanical upgrades to Vets Pool that reduce utility and chemical costs – revenue might increase slightly if there is less pool down time), OR increased operating expenditures as a result of the project are offset by new revenues for a net zero effect.

High Desirability

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- Partnerships & Grants: Partnerships and/or grant funding cover more than 50% of the capital project cost. OR
- Impacts Operating Budget: Project generates new revenues that exceed new expenditures (example, Argo Cascades).



Strategic Value Scorecard – Active Transportation

STRATEGIC VALUE SCORECARD

Insert Decision Model Goal

Edit

Strategic
Priorities

13%

Funding

18%

Regulatory/Policy Compliance

12%

Coordination with other Projects &
Agencies

31%

Physical Safety

26%

Access & Mobility

45%

User Experience

55%

Equity

Strategic
Objectives



QUANTIFY

PRIORITY: FUNDING

Set the criteria for each level of the scale for *Funding*

Low Desirability

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Funding is identified from uncertain sources (i.e. General fund, special assessments, competitive grant that are not yet awarded)

Medium Desirability

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Funding available from standard City funding sources (i.e. Act 51, city or county Street Millage).

High Desirability

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Has anticipated substantial project funding (>33%) from certain outside sources (i.e. TAP, STP-U, HSIP, U of M, Developers, other grants, etc.)

Resulting scale for *Funding*





PRIORITY: REGULATORY/POLICY COMPLIANCE

Set the criteria for each level of the scale for *Regulatory/Policy Compliance*

Low Desirability

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Project maintains or refreshes existing active transportation system regulatory marketing requirements (ex: pavement marking visibility, sign retro-reflectivity, curb ramps etc.)

Medium Desirability

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Project enhances or updates systems towards regulatory or policy compliance (ex: Countdown X-walk heads, RRFB, new curb ramps, etc.)

High Desirability

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Project addresses significant regulatory or policy compliance issues (ex: MMUTCD, eliminating stairs in a right of way, etc.)

Resulting scale for *Regulatory/Policy Compliance*





PRIORITY: COORDINATION WITH OTHER PROJECTS & AGENCIES

Set the criteria for each level of the scale for *Coordination with other Projects & Agencies*

Low Desirability

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A project that has minimal interaction with other asset groups

Medium Desirability

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Normal

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- A project that is coordinated with other asset groups resulting Modest in cost savings and minimizes disruption to the public OR
- Has partnership with external agencies that minimize disruption to the public AND/OR provides opportunity to increase consistency across jurisdictional boundary

High Desirability

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Normal

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- A project that is coordinated with other asset groups resulting in Significant cost savings and minimizes disruption to the public OR
- Has partnership with external agencies that minimize disruption to the public AND/OR provides opportunity to increase consistency across jurisdictional boundary

Resulting scale for *Coordination with other Projects & Agencies*

Desirability Level	Strategic Value Score
No Desirability	0
Low Desirability	33
Medium Desirability	67
High Desirability	100



PRIORITY: PHYSICAL SAFETY

Set the criteria for each level of the scale for *Physical Safety*

Low Desirability

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- Includes minor improvements that may improve transportation safety

Medium Desirability

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- Includes project elements that have a significant positive impact to transportation safety OR
- Is a Tier 2 improvement in the draft Transportation plan
- **Explore adding CRF scaling as additional metric**

High Desirability

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- Project is being driven by a transportation safety need OR
- Is a Tier 1 improvement in the draft Transportation plan

Resulting scale for *Physical Safety*





QUANTIFY

PRIORITY: ACCESS AND MOBILITY

OBJECTIVE: *USER EXPERIENCE*

Set the criteria for each level of the scale for *User Experience*

Low Desirability

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- A sidewalk gap identified as mid-low in the city’s sidewalk prioritization metrics OR
- Crosswalk that is a community request OR
- Adding a new bike lane in an area not identified in the transportation plan

Medium Desirability

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- A sidewalk gap identified as mid-high in the city’s sidewalk prioritization metrics OR
- A cross walks identified as a minor mid-block crossing in the draft transportation plan OR
- A bicycle network identified as **non-critical** in the draft transportation plan

High Desirability

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- A critical sidewalk gap identified as high or highest in the city’s sidewalk prioritization metrics or identified in the draft transportation plan OR
- A cross walk identified as **a major mid-block crossing** in the draft transportation plan OR
- A bicycle network identified as **critical** in the draft transportation plan

Resulting scale for *User Experience*





QUANTIFY

PRIORITY: ACCESS AND MOBILITY

OBJECTIVE: *EQUITY*

Set the criteria for each level of the scale for *Equity*

Low Desirability

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Project occurs in a neighborhood with a low percentage of households in poverty (less than 1%) per [Neighborhoods at Risk](#)

Medium Desirability

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- Project occurs in a neighborhood with a moderate percentage of households in poverty (1-9%) per [Neighborhoods at Risk](#) OR
- Project occurs in a neighborhood with a moderate percentage of **neighborhoods with disabilities** (%)
- Project occurs in a neighborhood with a moderate percentage of **neighborhoods with households 65 +** (%)
- **SEMOG map???**

High Desirability

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- Project occurs in a neighborhood with a high percentage of households in poverty (greater than 10%) per [Neighborhoods at Risk](#)
- Project occurs in a neighborhood with a high percentage of **neighborhoods with disabilities** (%)
- Project occurs in a neighborhood with a high percentage of **neighborhoods with households 65 +** (%)

Resulting scale for *Equity*



Questions ?

