

Infrastructure Task Force

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MEETING AGENDA

1. Infrastructure Task Force (ITF) Background
2. Overview of Previous & Future Efforts
3. Ranking Criteria and Rubric
4. Master Projects List & Costs
5. ITF Final Report

INFRASTRUCTURE TASK FORCE BACKGROUND



OVERVIEW OF ITF EFFORTS TO DATE

OVERVIEW OF PREVIOUS MEETINGS



OVERVIEW OF FUTURE EFFORTS

Nov

Obtain City Council feedback on rubric

Begin polling efforts

Dec

Draft ITF Report with recommendations

Jan 2024

Review polling results

Create Final ITF report

Feb 2024

Present Final ITF Report to City Council

Type of Effort

Financials

Projects List

Prioritization

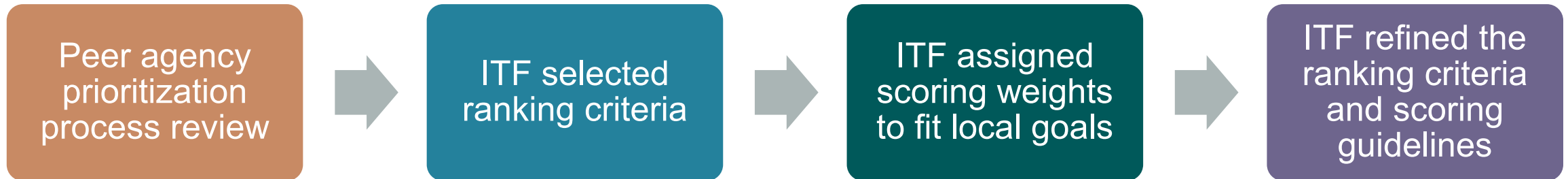
Procedural

DEVELOPMENT OF RANKING CRITERIA AND RUBRIC

DEVELOPMENT OF RANKING CRITERIA AND RUBRIC

Peer agency samples

- City of San Diego, CA
- County of San Diego, CA
- Dallas County, TX
- City of Hollister, CA
- Loudoun County, VA
- Town of Wayland, MA



PEER AGENCY PRIORITIZATION THEMES

Common Themes

Public health and safety criteria consistently weighted highest

Infrastructure condition and longevity appeared on all rubrics

Scoring factor for public support varied

Economic contribution appeared often, but definitions varied

PEER AGENCY PRIORITIZATION APPROACHES

Agency	Scoring Criteria										Approach to Ranking	
	Risk, Health, and Safety	Infrastructure Improvement & Needed Maintenance	Public Support	Environment, Climate, and Sustainability	Legal Mandate	Economic Contribution / Improved Access to Opportunity	Project Readiness	Equity	Consistency with Planning Documents / Local Goals	Funding Availability	Quantitative analysis (ex. GIS, V/C, crash, equity, density)	Variable scoring factors
City of San Diego	✓	✓	✗	✓	✓	✓	✓	✓	✗	✓	✓	✓
County of San Diego	✓	✓	✗	✓	✓	✓	✗	✓	✗	✓	✓	✗
Dallas County	✓	✓	✓	✓	✗	✓	✓	✓	✓	✗	✓	✓
Hollister	✓	✓	✗	✗	✓	✗	✗	✗	✓	✓	unknown	unknown
Loudoun County	✓	✓	✗	✗	✗	✓	✗	✓	✗	✗	✓	✗
Town of Wayland	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✓	✗
City of Encinitas	✓	✓	✗	✓	✓	✓	✗	✓	✓	✓*	✓	✗

*ITF proposed that funding availability be considered as a tie-breaker

**DRAFT ENCINITAS
INFRASTRUCTURE RANKING
RUBRIC**

UPDATED DRAFT ENCINITAS INFRASTRUCTURE RANKING RUBRIC

Criteria	Maximum Score	Scores		
		No Points	Half Points	Full Points
1. Risk to Health, Safety, and Regulatory or Mandated Requirements	30	Project does not address existing health/safety issues and is not legally mandated.	Project maintains or improves public health/safety. Project may be deferred without impacting existing health/safety and project is not legally mandated.	Project provides an essential service or infrastructure to correct, maintain, or improve an existing deficiency that may directly affect health/safety. Project deferral may impact future risk to health/safety; and/or project is legally mandated.
2. Identified Infrastructure Need and Asset Longevity	28	Project is not an identified infrastructure need and does not improve longevity or reliability of infrastructure.	Project is indirectly related to an identified infrastructure need or maintains assets nearing the end of their useful lives.	Project is identified as a priority City need or corrects existing deficiencies to maintain critical functioning of the asset.
3. Sustainability, Environmental Conservation, and Resilience	16	Project does not improve sustainability, environmental conservation, or resilience (as defined in the scoring guidance).	Project improves one of the following: sustainability, environmental conservation, or resilience (as defined in the scoring guidance).	Project improves at least two of the following: sustainability, environmental conservation, or resilience (as defined in the scoring guidance).
4. Livability and Equitable Community Investment	14	Project does not improve livability, community equity, or existing disparities.	Project indirectly improves livability and/or equity by addressing disparities in infrastructure.	Project directly improves livability and/or equity for underserved communities/users of all ages and abilities by addressing disparities in infrastructure.
5. Consistency with City Priorities	12	Project is not consistent with or is indirectly related to City priorities (as defined in the scoring guidance).	Project addresses one City priority (as defined in the scoring guidance).	Project addresses multiple City priorities (as defined in the scoring guidance).
Total	100			

1. RISK TO HEALTH, SAFETY, AND REGULATORY OR MANDATED REQUIREMENTS

Criteria	Maximum Score	Scores		
		No Points	Half Points	Full Points
1. Risk to Health, Safety, and Regulatory or Mandated Requirements	30	Project does not address existing health/safety issues and is not legally mandated.	Project maintains or improves public health/safety. Project may be deferred without impacting existing health/safety and project is not legally mandated.	Project provides an essential service or infrastructure to correct, maintain, or improve an existing deficiency that may directly affect health/safety. Project deferral may impact future risk to health/safety; and/or project is legally mandated.

- Project reduces the risk to health and safety associated with the infrastructure based on a condition assessment. Examples include:
 - Reduction in main breaks, sewer spills, or flooding
 - Improved structural integrity and reliability of infrastructure
 - Mitigation of health and environmental hazards
 - Safety improvements that reduce fatalities and severe injuries
 - Reduced emergency response times
- Project increases compliance with state or federal law.
- Project reduces liability associated with assets that are not consistent with newer regulations, policies, and building standards.
- Project deferral may directly affect future risk to public health/safety.

2. IDENTIFIED INFRASTRUCTURE NEED AND ASSET LONGEVITY

Criteria	Maximum Score	Scores		
		No Points	Half Points	Full Points
2. Identified Infrastructure Need and Asset Longevity	28	Project is not an identified infrastructure need and does not improve longevity or reliability of infrastructure.	Project is indirectly related to an identified infrastructure need or maintains assets nearing the end of their useful lives.	Project is identified as a priority City need or corrects existing deficiencies to maintain critical functioning of the asset.

- Project addresses substandard asset conditions.
- Project improves the overall reliability of the capital asset and infrastructure system and extends the useful life of the asset.
- Project reduces maintenance expenditures.
- Project addresses an infrastructure or facility deficiency that was identified as a priority by City departments.
- Project serves areas with higher population densities and areas experiencing the most growth.

3. SUSTAINABILITY, ENVIRONMENTAL CONSERVATION, AND RESILIENCE

Criteria	Maximum Score	Scores		
		No Points	Half Points	Full Points
3. Sustainability, Environmental Conservation, and Resilience	16	Project does not improve sustainability, environmental conservation, or resilience (as defined in the scoring guidance).	Project improves one of the following: sustainability, environmental conservation, or resilience (as defined in the scoring guidance).	Project improves at least two of the following: sustainability, environmental conservation, or resilience (as defined in the scoring guidance).

Sustainability is defined as the satisfaction of basic social and economic needs, both present and future, and the responsible use of natural resources, all while maintaining or improving the well-being of the environment on which life depends.

- Examples include promoting multi-modal transportation, decarbonization of facilities and assets (such as city-owned fleet vehicles).

Environmental Conservation is defined as the careful maintenance and upkeep of a natural resource to prevent it from disappearing. A natural resource is the physical supply of something that exists in nature, such as soil, water, air, plants, animals, and energy.

- Examples include protecting natural habitats, improving air quality, improving water quality and runoff management, and reducing greenhouse gas emissions.

Resilience is defined as the capacity of a community, business, or natural environment to prevent, withstand, respond to, and recover from a disruption.

- Examples include reducing heat island effect, increasing tree canopy and green space, reducing effects of sea level rise, or increasing local energy or water resource independence.

4. EQUITABLE COMMUNITY INVESTMENT AND/OR ECONOMIC PROSPERITY

Criteria	Maximum Score	Scores		
		No Points	Half Points	Full Points
4. Livability and Equitable Community Investment	14	Project does not improve livability, community equity, or existing disparities.	Project indirectly improves livability and/or equity by addressing disparities in infrastructure.	Project directly improves livability and/or equity for underserved communities/users of all ages and abilities by addressing disparities in infrastructure.

- Project contributes to community development and enhancement efforts.
- Project contributes to accessibility to employment opportunities, schools, community services, or recreation.
- Project addresses disparities in infrastructure or improves neglected assets.
- Project promotes diversity, equity, and inclusion by providing new and/or improved services and amenities to underserved communities.
- Project improves access for people of all ages and abilities.

5. CONSISTENCY WITH CITY PRIORITIES

Criteria	Maximum Score	Scores		
		No Points	Half Points	Full Points
5. Consistency with City Priorities	12	Project is not consistent with or is indirectly related to City priorities (as defined in the scoring guidance).	Project addresses one City priority (as defined in the scoring guidance).	Project addresses multiple City priorities (as defined in the scoring guidance).

Environmental Health & Leadership: commitment to good stewardship of our natural resources, including decarbonization, mobility mode shift, clean air and water, responsible solid waste disposal, storm and wastewater reuse, shoreline, and open space preservation.

Engagement and Education: listen and learn from the community using diverse and inclusive communication tools that continually adapt and build relationships with our community stakeholders. Communication and engagement are characterized as fair, civil, timely and transparent.

Fiscal Stewardship: use resources in a prudent and efficient manner consistent with City goals. Effective City Services means services are provided respectfully, responsibly, timely and predictably.

Mobility and Alternative Modes: strive to be a nation-wide leader in mode shift by providing data driven solutions to create a safe transportation network along with programs that educate and empower people to reach destinations by active transportation and micro-mobility.

Evolving & Preserving Community Character: managing growth while maintaining an accessible, innovative, and welcoming unique beach city; ensuring that diversity of the community includes a great mix of businesses, people, housing and open space that results in a high quality of life.

RUBRIC DISCUSSION & COMMENTS

DEVELOPMENT OF MASTER PROJECTS LIST

DEVELOPMENT OF MASTER PROJECT LIST

City staff from 10 departments divisions presented their projects to update and improve City infrastructure:

- Engineering: Capital Improvements & Traffic
- Development Services: Coastal Management, Climate Action & Modal Alternatives
- Public Works
- Fire and Marine Safety
- Parks, Recreation, and Cultural Arts
- Utilities
- Information Technology (IT)

REFINEMENT OF PROJECT LIST

Refinement Process

- ✓ Clarified which projects should be combined with related projects
- ✓ Clarified project descriptions and status
- ✓ Reviewed costs to make sure all needs were accounted for and eliminate double counting

- ✗ Removed duplicate/overlapping projects
- ✗ Removed projects that are complete, scheduled for construction, or fully funded
- ✗ Removed projects that are solely associated with staff time (making updates to internal databases, requests for new staff)
- ✗ Removed all enterprise-funded utility projects
- ✗ Kept just the top 70 MAP projects

PROJECT CATEGORIES

Project Categories



Bike and Pedestrian Mobility



Climate Action Plan



Coastal Management



Drainage



Facility Improvements



Information Technology

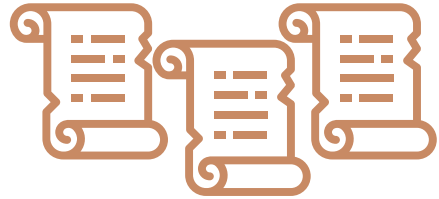


Railway Corridor



Roadway

DEVELOPMENT OF MASTER PROJECT LIST



Departments
provided over 300
projects



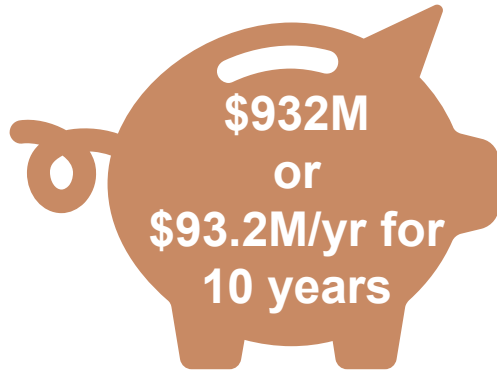
Refined Project
List
184 Projects



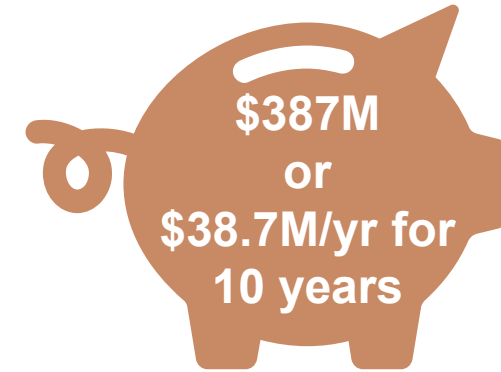
City Department
Highlighted
Projects
73 Projects

PRELIMINARY ESTIMATED COSTS

Refined Project List
184 Projects



City Department
Highlighted Projects
73 Projects



Existing Annual Budget

~\$4M TNET / HUTA / SB1 (Annual Paving)

~\$3.5M - \$4M General Fund available for other CIP projects

PROJECT LIST & RANKING DISCUSSION & COMMENTS

ITF FINAL REPORT

ITF MISSION AND GOALS

ITF Mission and Goals pursuant to the November 11, 2022 ITF Agenda Report:

- Identify Capital Improvement Backlog and Future Needs for 2025 to 2035
- Define and Clarify Process to Identify and Prioritize CIP Project Needs and Funding
- Ensure CIP is linked to City Policies and Planning Priorities
- Ensure Transparency about Infrastructure Needs, Challenges and ITF Work
- Make Recommendations regarding Funding the City's Infrastructure Backlog

ITF SCOPE OF WORK

ITF Scope of Work pursuant to the November 11, 2022 ITF Agenda Report:

- Identify Capital Improvement Backlog and Future Needs and Prioritization Criteria
- Estimate Total Cost of Infrastructure Backlog including Escalation
- Estimate a 10-year Infrastructure Future Forecast with Escalation
- Make Recommendations to Address Funding the Backlog and Future Forecast
- Determine if Infrastructure Needs can be managed with Current Staff Resources

ITF Final Report

- ITF Background
- Capital Project Backlog and Future Needs
- Prioritization Criteria/Ranking Rubric
- Cost of Infrastructure Backlog
- 10-year Infrastructure Future Forecast (FY 2025-2035) with Costs
- Recommendations to Address Funding the Backlog and Future Forecast
- Staff Resources

**ITF FINAL REPORT
DISCUSSION & COMMENTS**

OPEN DISCUSSION & COMMENTS