



City of Dallas

Use of Equity Data for the Needs Inventory and the 2024 Bond

**Transportation and Infrastructure
Committee Briefing**

September 18, 2023

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Overview



- Background
- Equity, Values, REP, Bond Program, Framework
- DBI - Spatial Analysis
- Collaboration and Implementation
- Questions, Comments, Feedback



Background



- The Office of Bond and Construction Management (BCM) has developed a data-driven approach for scoring projects in the Needs Inventory (NI).
- NI – accounts for 9 Propositions, 66 categories and 18,211 rows of projects (as of 8/22/23).
- NI represents the City's backlog of deferred maintenance or new facility needs, currently at \$16.6B.
- Part of the technical criteria metrics used to score projects includes an Equity metric.



Equity in the Bonds



The allocation of a billion-dollar bond reflects a need to identify projects differently than before because...

1. Historically, decisions have not been made equitably.
2. The Racial Equity Plan (REP) calls for it.
3. Research highlights the disparities.



Racial Equity Plan (REP)



- Strategic framework to support the City in understanding and **addressing disparities** across Dallas.
- Developed in **collaboration with Dallas residents, communities, and other stakeholders.**
- Will guide City departments and offices to enhance current plans, policies, and initiatives with **measurable goals** addressing racial/ethnic and socioeconomic equity.



Equity Framework



Benefits and Burdens

Understand a decision may **benefit or burden** populations because of **existing disparities or inequities**

Data Analysis

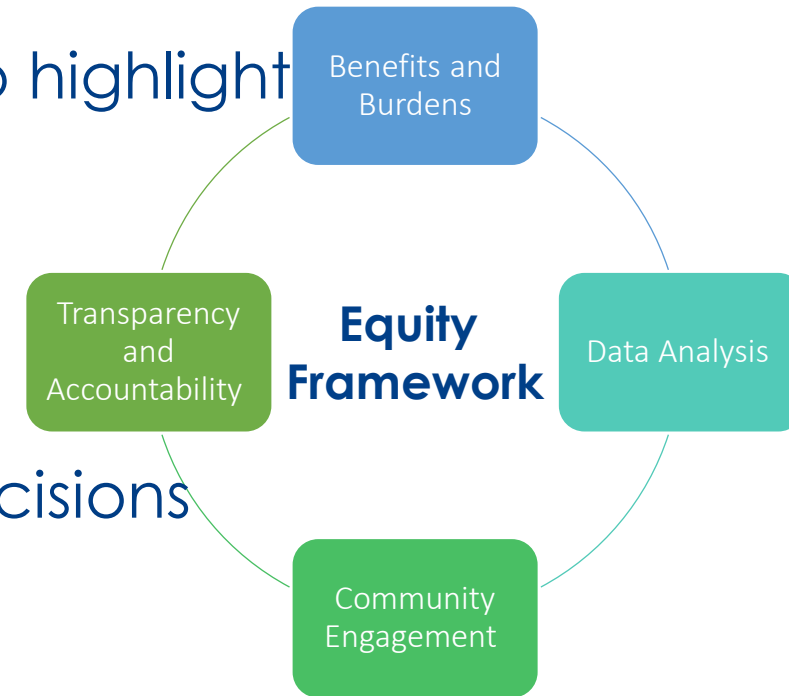
Disaggregate qualitative and quantitative data to highlight and **understand the unique circumstances and Experiences** of various populations, particularly Historically Disadvantaged Communities

Community Engagement and Outreach

Inform, consult, collaborate, and make-shared decisions

Transparency and Accountability

Evaluate, assess, and track impact and any unintended consequences



DBI-Spatial Analysis



Objective

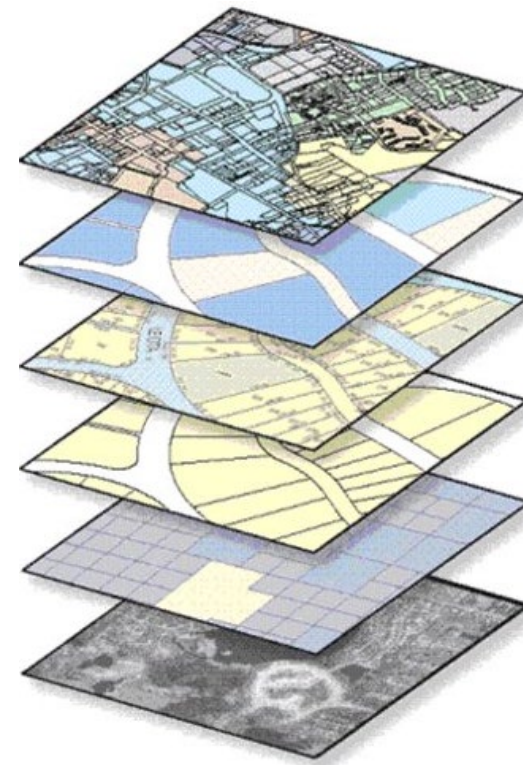
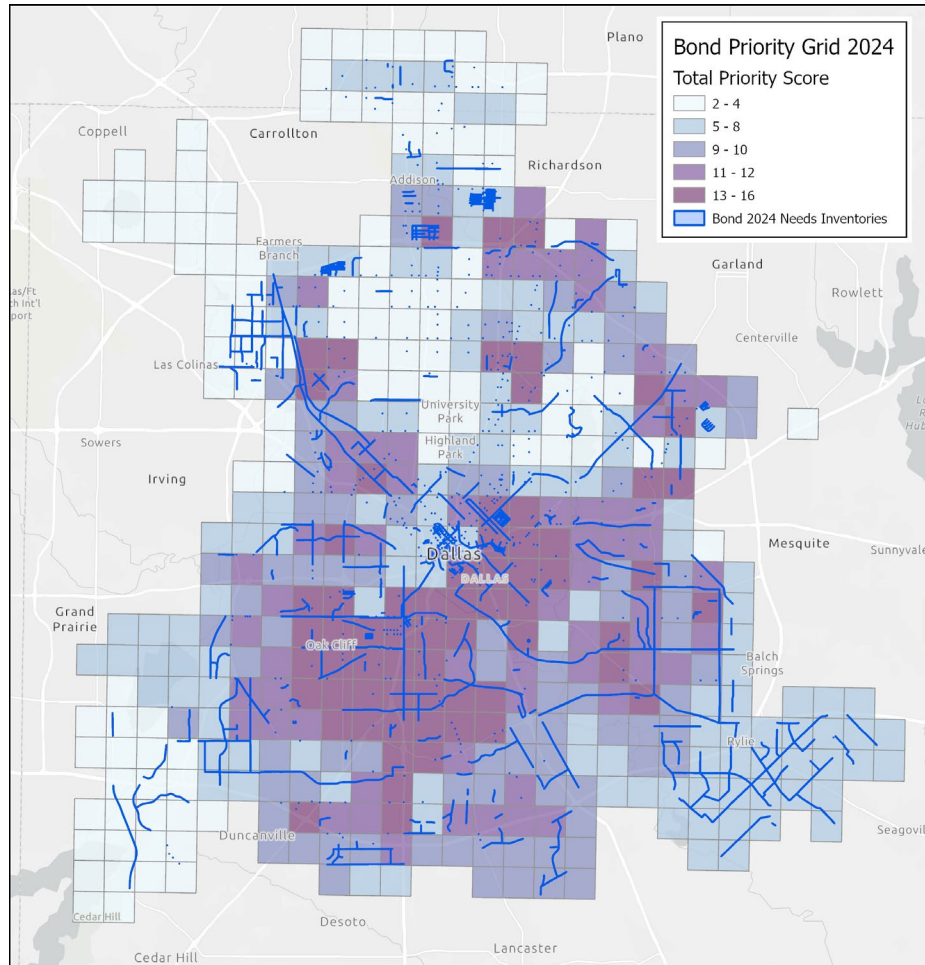
- In July 2022, BCM requested DBI's assistance with improving efficiency in selecting projects with locations that overlap.
- In addition, BCM also requested DBI to use other criteria such as crime, 311 requests, Transit Oriented Development DART areas, market value analysis and equity in assigning scores.
- Spatial analysis was chosen as the most suitable method.



DBI-Spatial Analysis



Total Priority Score (1-mile x 1-mile grid)



Data Overlay Process for the GIS Technical Scoring Tool

Up to 10 points (EIA Score points x 2):

- Equity

Up to 2 points:

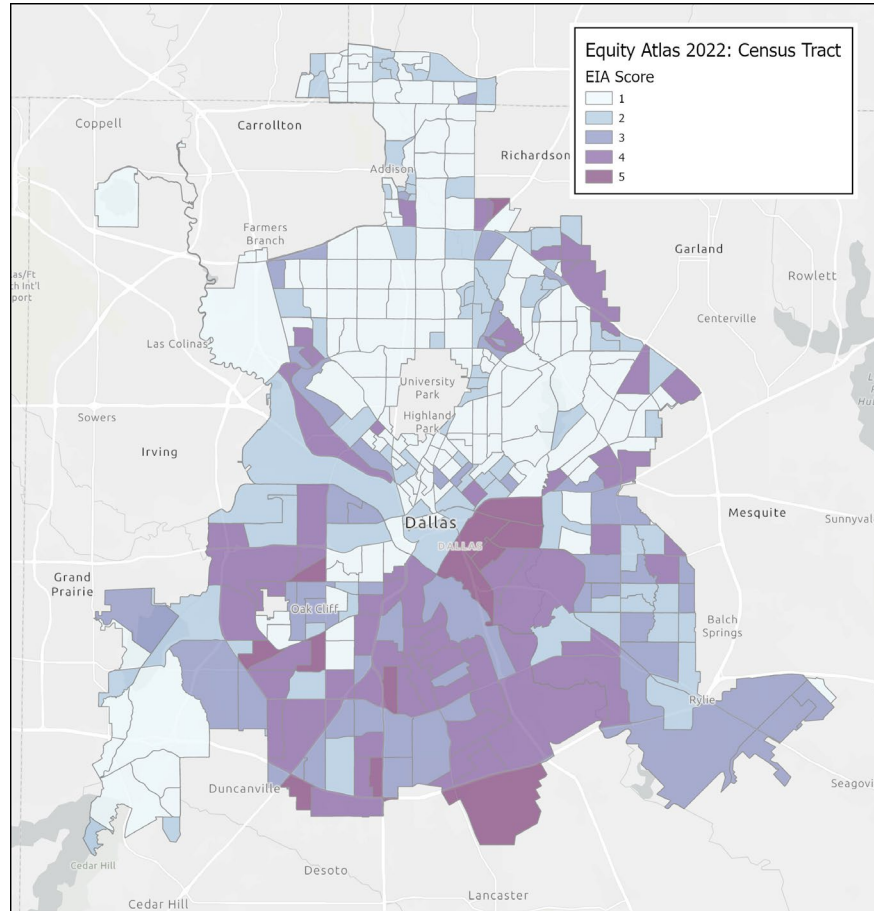
- High Crime Areas (0-2)
- TOD (DART Sites) (0-2)
- Market Value Analysis (0-2)
- 311 Service Requests (0-2)
 - Flooding, speeding, traffic calming, potholes, street resurfacing and illegal dumping.
- Project Intersection/Overlap (0-2)

Other than the overlapping projects all scores are based on the 1-mile x 1-mile grid.

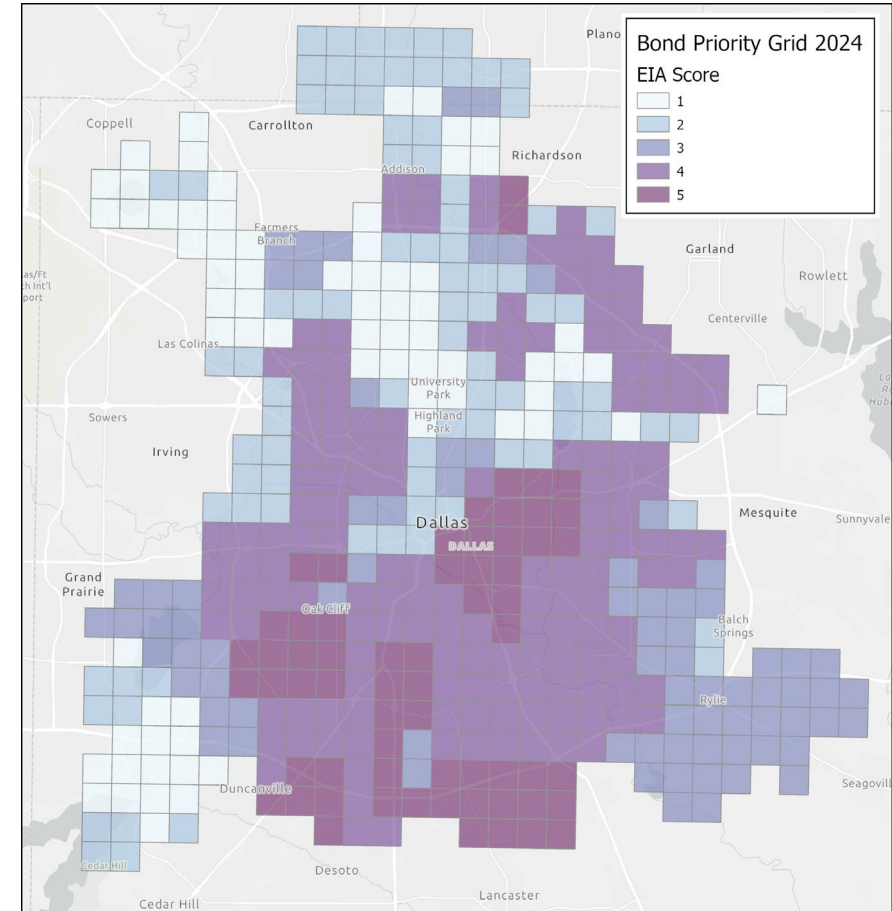




Equity by Census Tract



Equity by 1-mile x 1-mile Grid



Using grids seeks to ensure areas with uneven equity do not get overlooked.



Collaboration and Implementation



As part of the Bond Development:

- Important for Departments to factor in Equity at all stages:
 - Planning & Development:
 - Needs Inventory and adherence to REP
 - Overlays – Data driven focus
 - Community Feedback – with Fall townhalls, BCM, OEI and multiple departments will seek community input in identifying the areas considered as equity priority areas in their communities.



Collaboration and Implementation



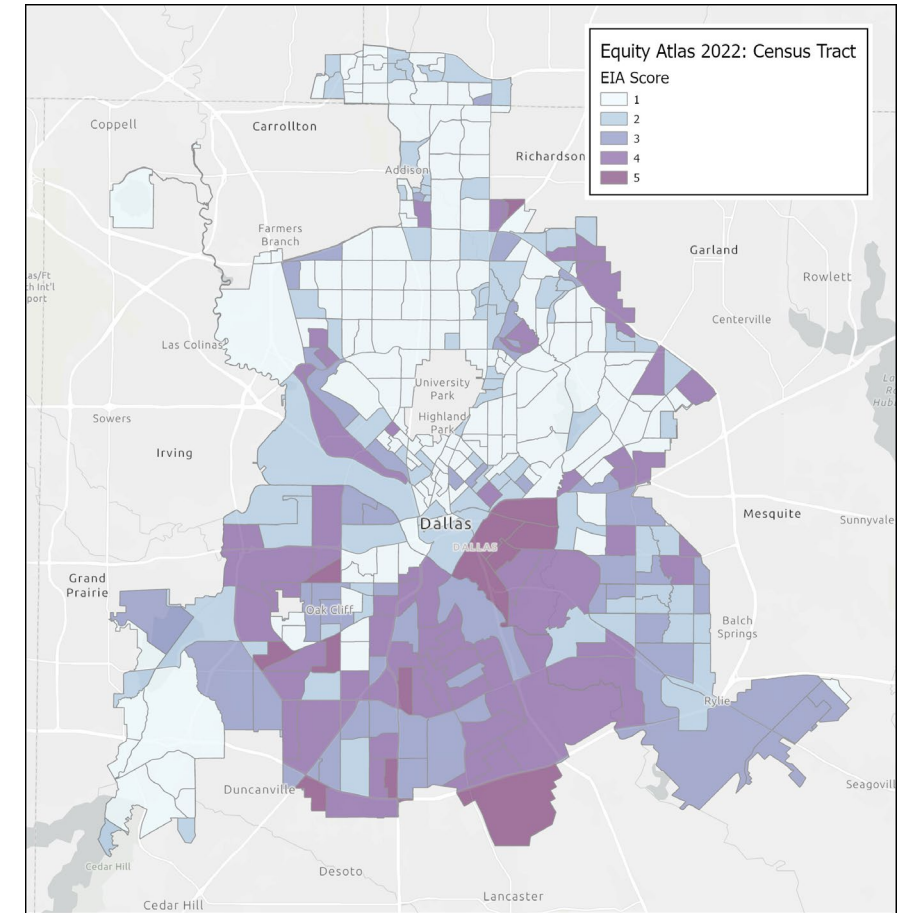
- While Equity is being incorporated as a multilayered approach, it accounts for no more than 10-points of the overall Technical Score.
- The Needs Inventory is the first step in sorting and identifying projects for a bond program.
- Needs to work along with the priorities of the departments, community and Council.



Collaboration and Implementation



- Successful outcome will be dependent on the location of project selected:
 - Census tract areas 3-4-5.
 - Community feedback from Townhalls.
- Starting Goal of 30% of the Bond program to be in equity priority areas 3-4-5.



Questions



Questions?





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