



**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

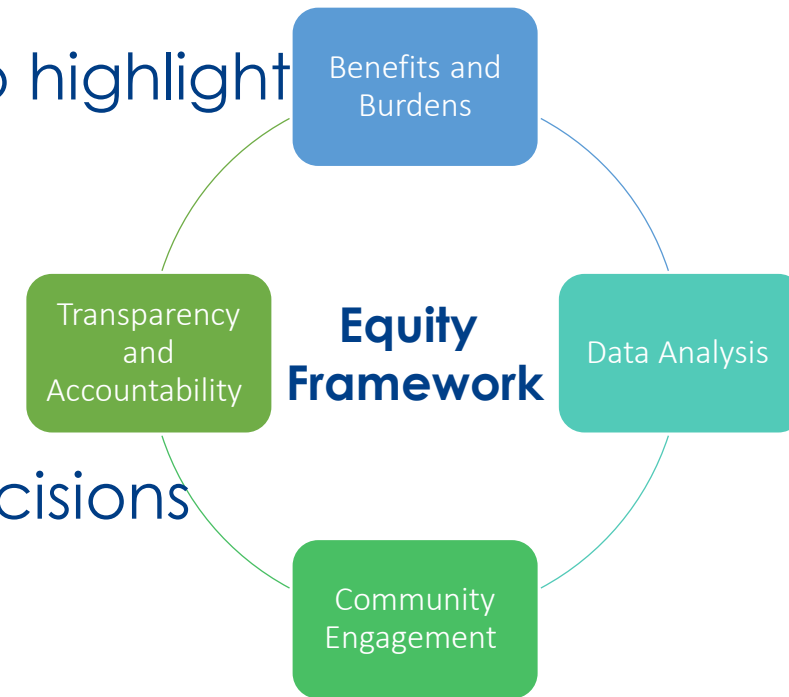
Disaggregate qualitative and quantitative data to highlight and **understand the unique circumstances and Experiences** of various populations, particularly Historically Disadvantaged Communities

## 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

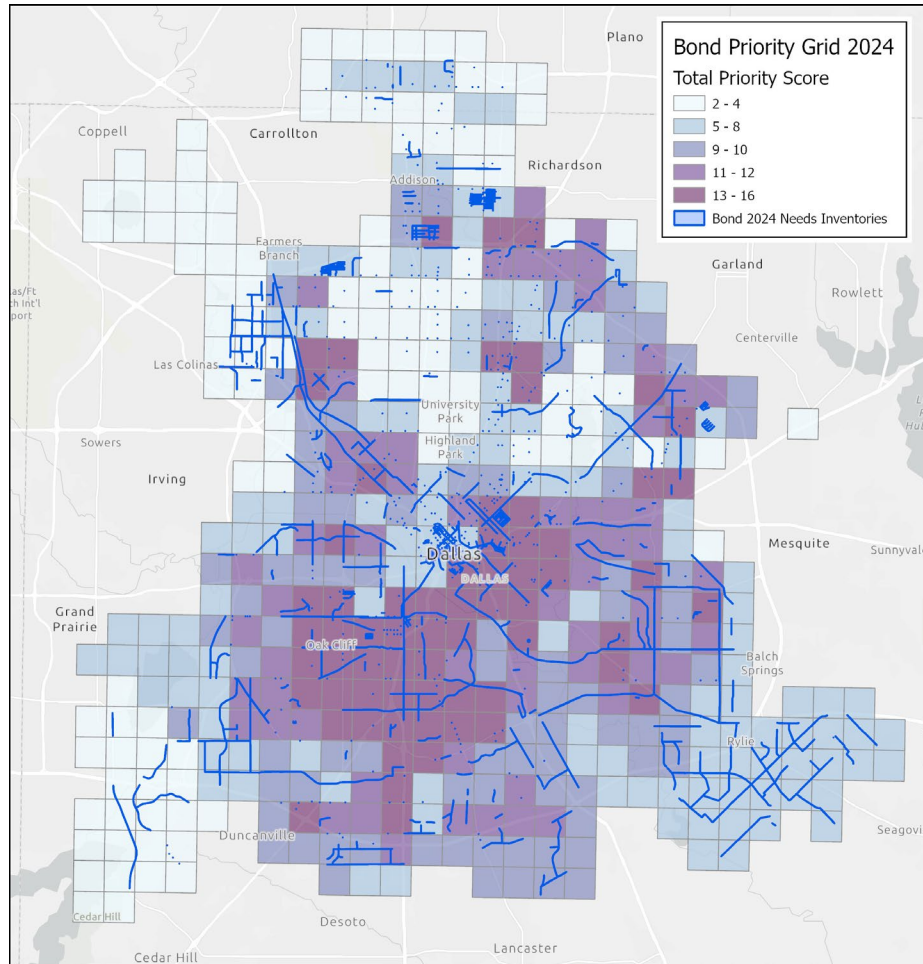
- In July 2022, BCM requested DBI's assistance with improving efficiency in selecting projects with locations that overlap.
- In addition, BCM also requested DBI to use other criteria such as crime, 311 requests, Transit Oriented Development DART areas, market value analysis and equity in assigning scores.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

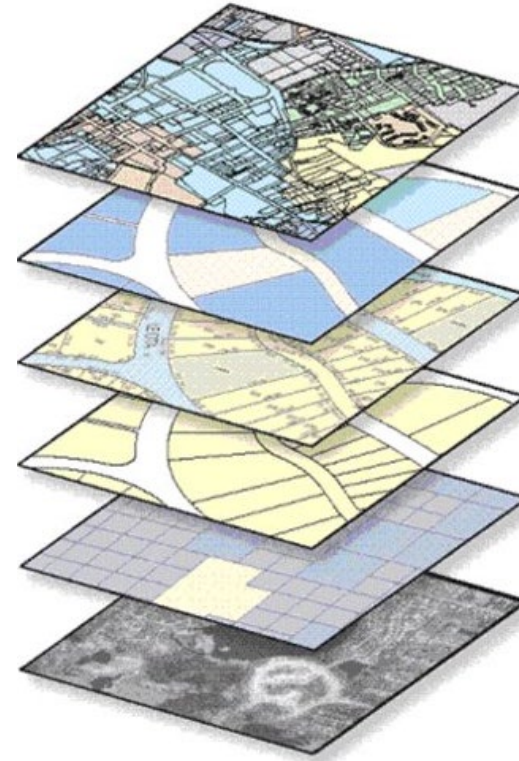
*Up to 10 points (EIA Score points x 2):*

- Equity

*Up to 2 points:*

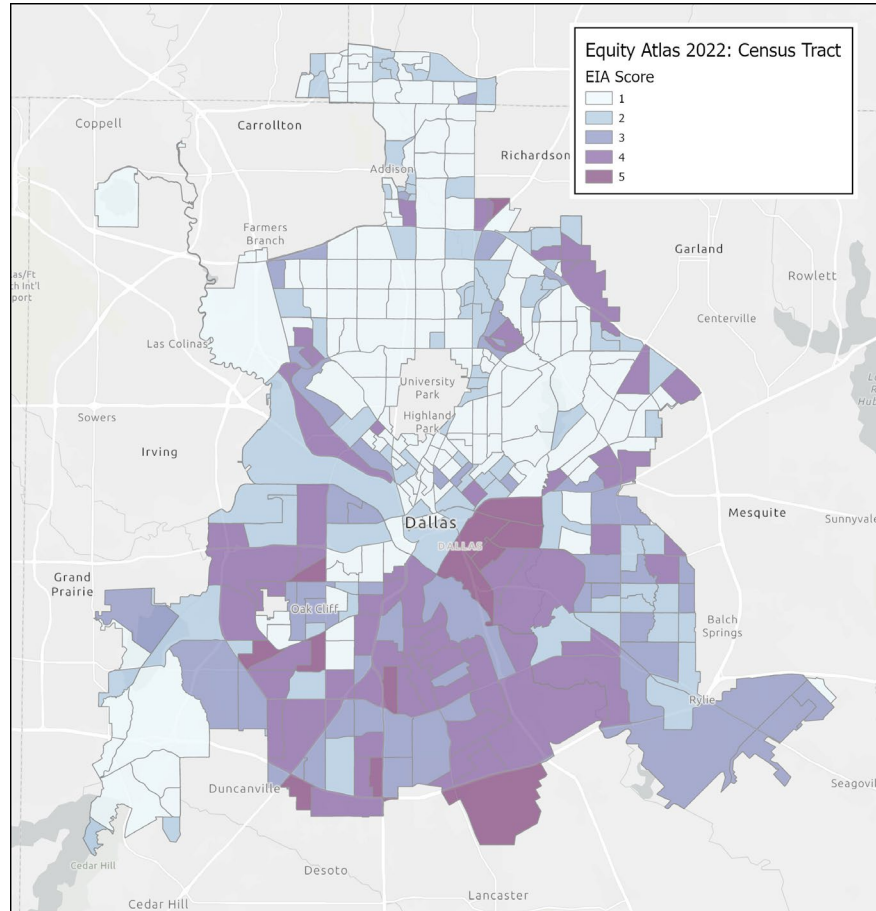
- High Crime Areas (0-2)
- TOD (DART Sites) (0-2)
- Market Value Analysis (0-2)
- 311 Service Requests (0-2)
  - Flooding, speeding, traffic calming, potholes, street resurfacing and illegal dumping.
- Project Intersection/Overlap (0-2)

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

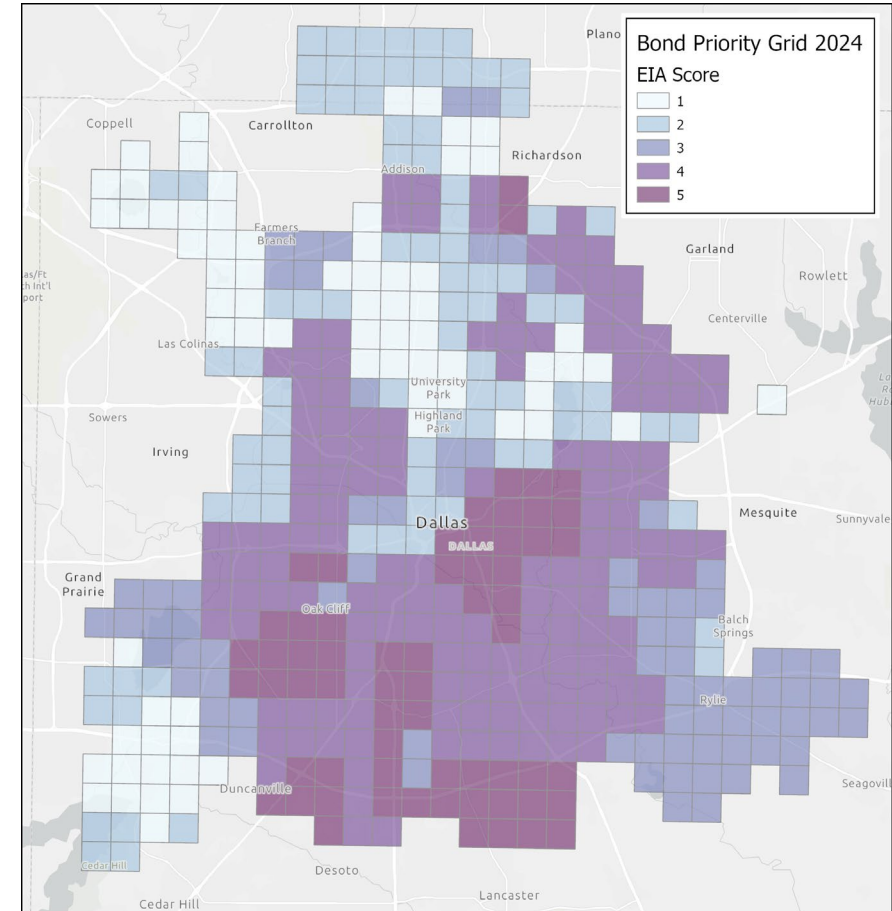




## Equity by Census Tract



## 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



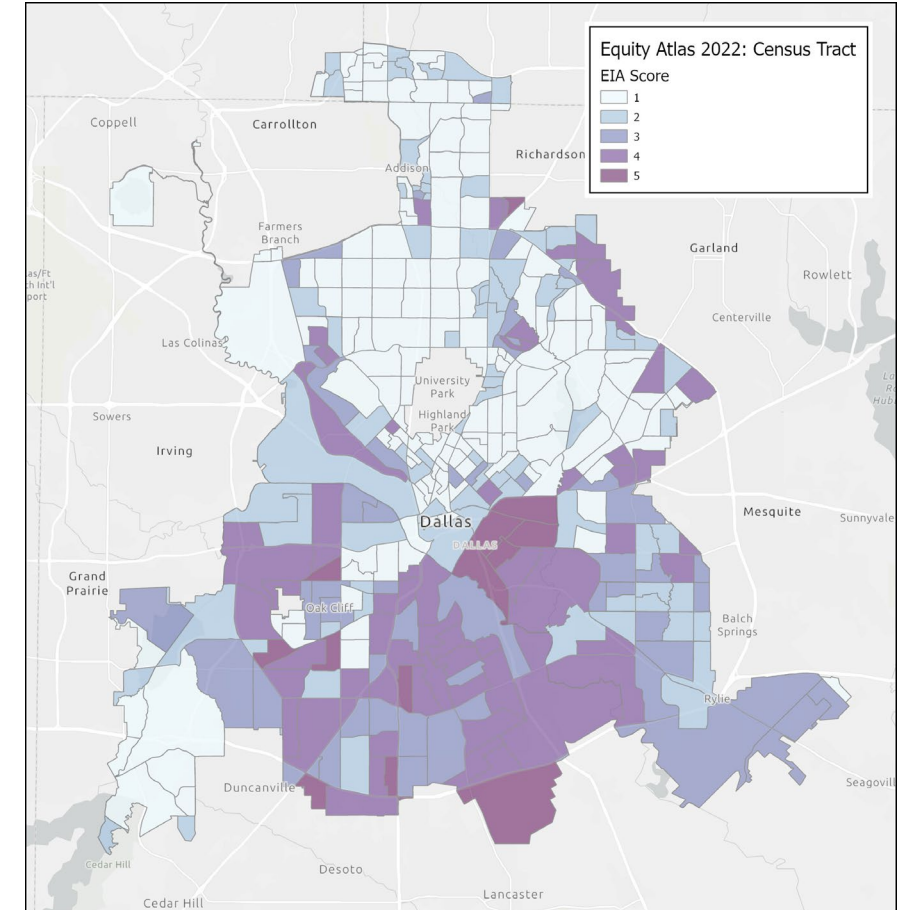
- While Equity is being incorporated as a multilayered approach, it accounts for no more than 10-points of the overall Technical Score.
- The Needs Inventory is the first step in sorting and identifying projects for a bond program.
- Needs to work along with the priorities of the departments, community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