



GREEN INFRASTRUCTURE IMPLEMENTATION IN NORTH TEXAS

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History

- 1996 – Upper Trinity and Lower West Fork 303d Listed
- 2006 – Cottonwood Branch and Grapevine Creek 303d Listed
- 2011 - TMDL for Upper Trinity Approved
- 2012 - TMDL for Cottonwood Branch and Grapevine Creek Approved
- 2013 – TMDL for Lower West Fork Approved

The 303d List

Too

Many

To

List

(22 in North Texas)



Concerns for Use Attainment

Way

Too

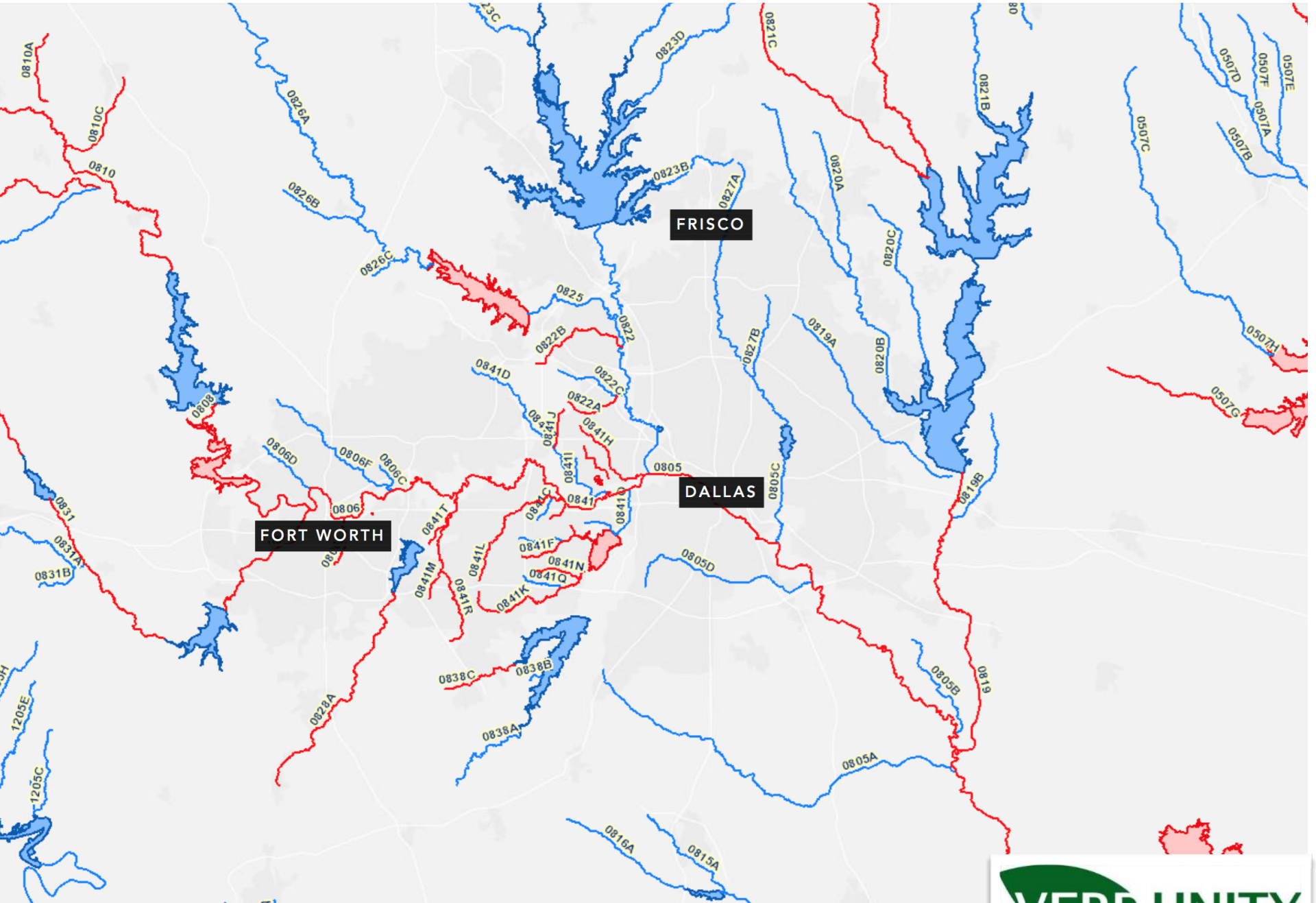
Many

To

List

(43 in North Texas)





FORT WORTH

FRISCO

DALLAS



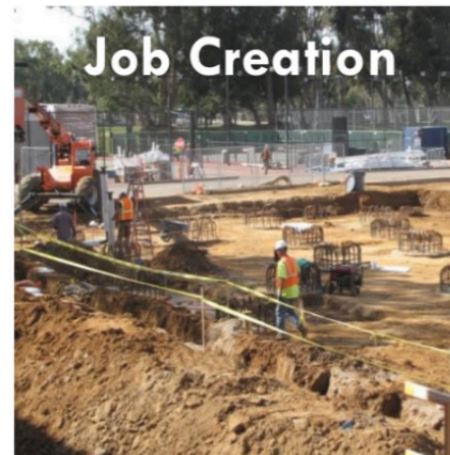
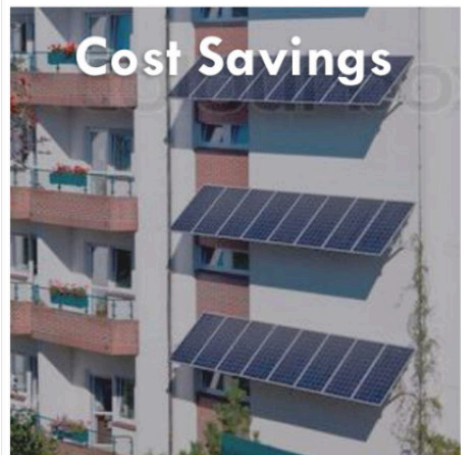
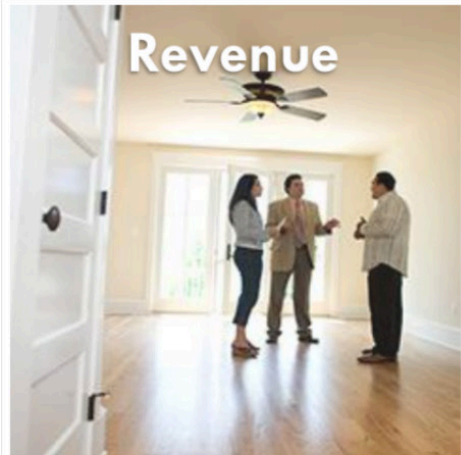


PANTHER ISLAND PAVILION, FORT WORTH
IMAGE: PANTHERISLANDPAVILION.COM



TRINITY RIVER, DALLAS

Investment in Green Infrastructure Creates Economic Benefits



Property / Site

Neighborhood

City/Regional

PUBLIC WORKS ROUNDUP



Evaluation and Benchmarking Assessment of the **Dallas Park System**

MAY 2015



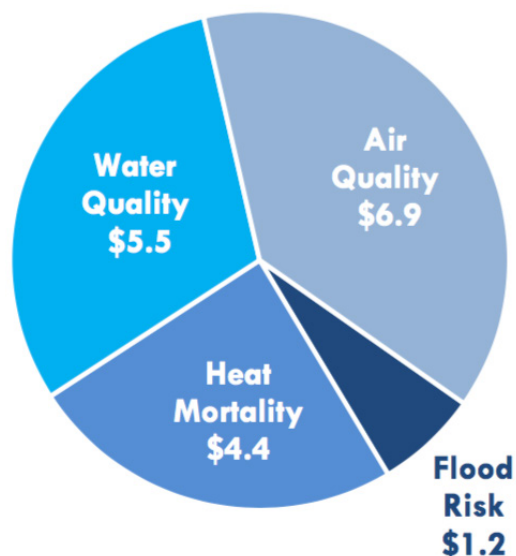
Value of Dallas Parks



PUBLIC WORKS ROUNDUP

\$18M

**Annual Value of Park
Environmental Impacts**

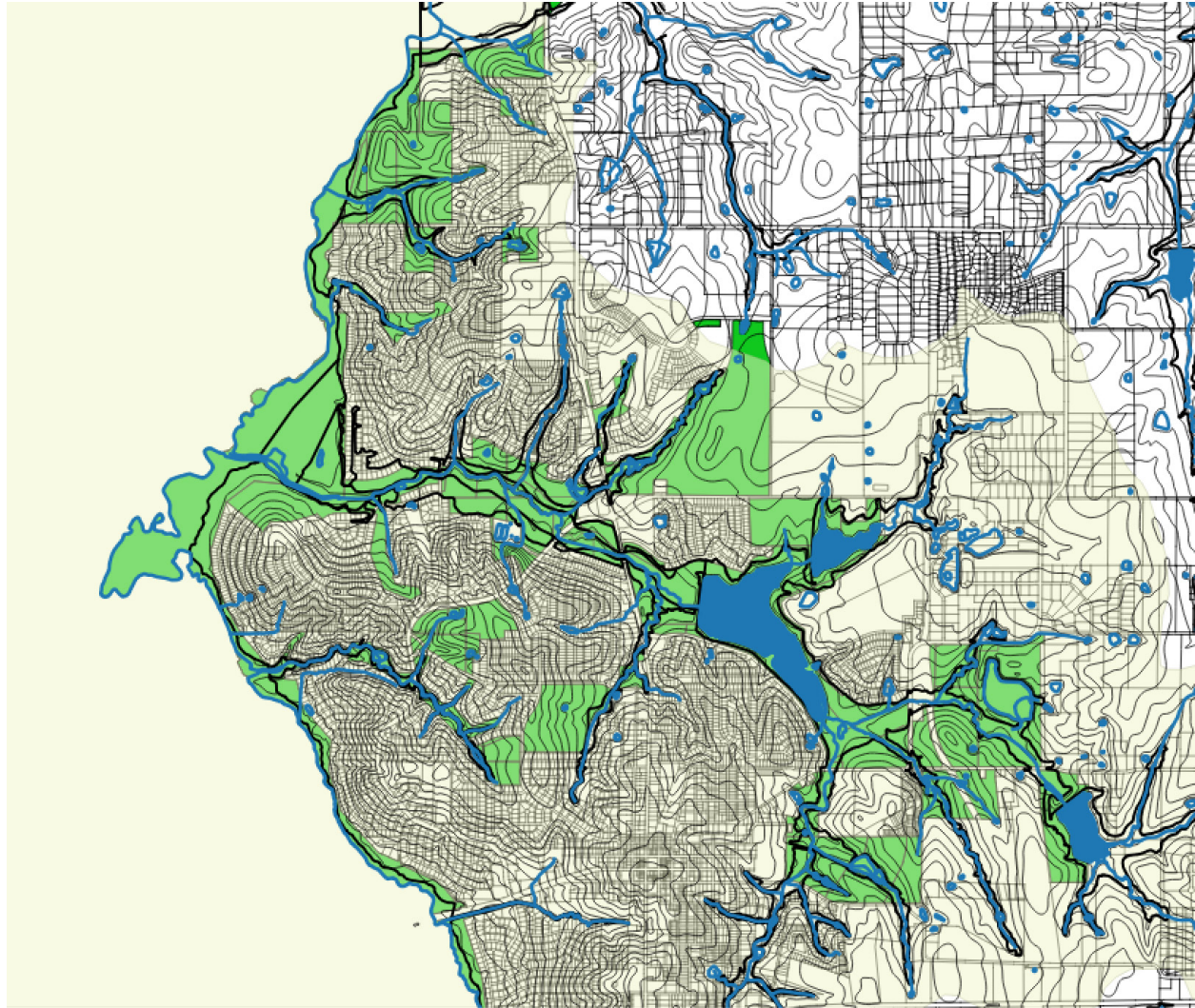


- Investment in GI yields positive return on investment across all typologies
- Enhancing existing natural systems increase quality and value of ecosystem services provided.
- Parks and open spaces with lower density programming benefit from broader array of lower cost and intensity GI solutions

Value of Dallas Parks



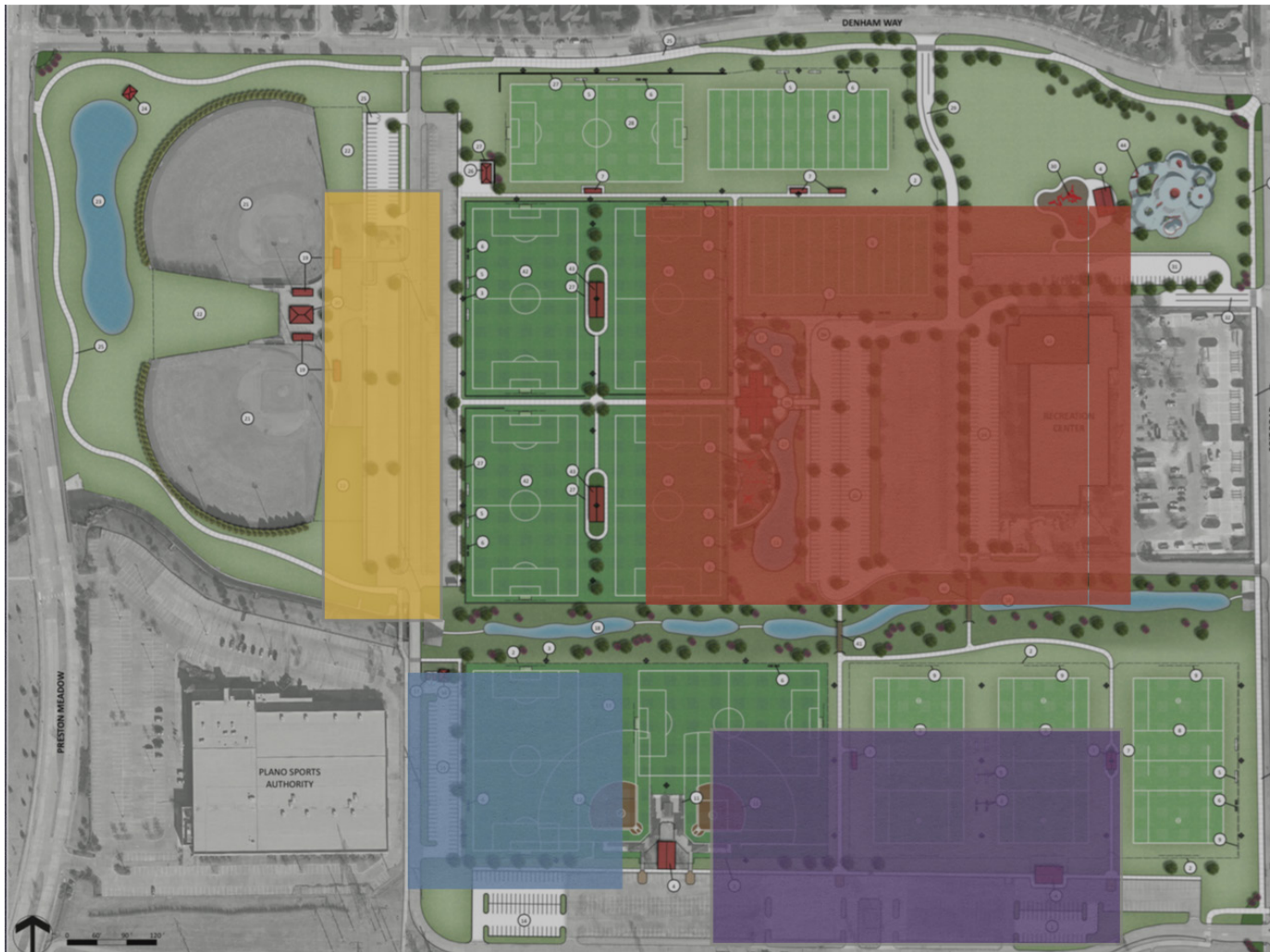
PUBLIC WORKS ROUNDUP



Rockwall County Open Space



PUBLIC WORKS ROUNDUP



Park/Open Space Retrofit



PUBLIC WORKS ROUNDUP

- Balancing economic development and environment
- Prioritization of regional scale green infrastructure implementation
- Balance maintenance program needs with financial benefits associated with broader implementation
- Metrics to account for regional growth and added costs for water treatment associated with stormwater pollution
- Advanced/Creative BMP's beyond those developed in the early 90's

Focus Areas for
Advancement

