



Sandy Forks Road - Greenroads Project

City Council Presentation

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Sandy Forks Road Widening

What is a Greenroad?

“A Greenroad is defined as a roadway project that has been designed and constructed to a level of sustainability that is substantially higher than current common practice.”

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Sandy Forks Road Widening

Background and History

- Greenroads Rating System is a sustainability rating system for roadway design and construction projects
- Awards points for sustainable design/construction, similar to LEED certification for green buildings
- Rating system managed by Greenroads Foundation (third party non-profit corporation)
- Over 120 projects rated around the world, most completed during five years of research/development at the University of Washington
- Currently around 50 registered projects, mostly western US, also Texas, Michigan, Colorado, North Carolina (City of Charlotte), and Canada



Sandy Forks Road Widening

What sustainability topics are covered?

- Project Requirements – environmentally responsible decision making processes/plans
- Environment & Water – best practices related to stormwater management and ecological resources
- Access & Equity – safety, access, and mobility
- Construction Activities – construction management
- Materials & Resources – recycle, reuse, reduce waste
- Pavement Technologies – pavement innovations
- Custom Credits – innovations/ideas not in manual



Sandy Forks Road Widening

Rating System Details

- 108 Total Points possible (excluding custom credits)
- Bronze Certified (32-42 points, PR +30% VC)
- Silver Certified (43-54 points , PR +40% VC)
- Gold Certified (55-63 points , PR +50% VC)
- Evergreen Certified (64+ points , PR +60% VC)



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Why Rate your Project?

- Reduce costs (initial and long term lifecycle costs)
- Create green jobs
- Reduce environmental impacts
- Promote sustainability practices
 - Communicate to stakeholders
 - Demonstrate leadership
 - Collaboration among the project team
 - Early engagement of stakeholders
- Increase property values near Greenroads projects
- Environmentally, socially, and fiscally responsible spending of taxpayer dollars



Sandy Forks Road Widening

**Sandy Forks Rd.
Improvements**





Sandy Forks Road Widening

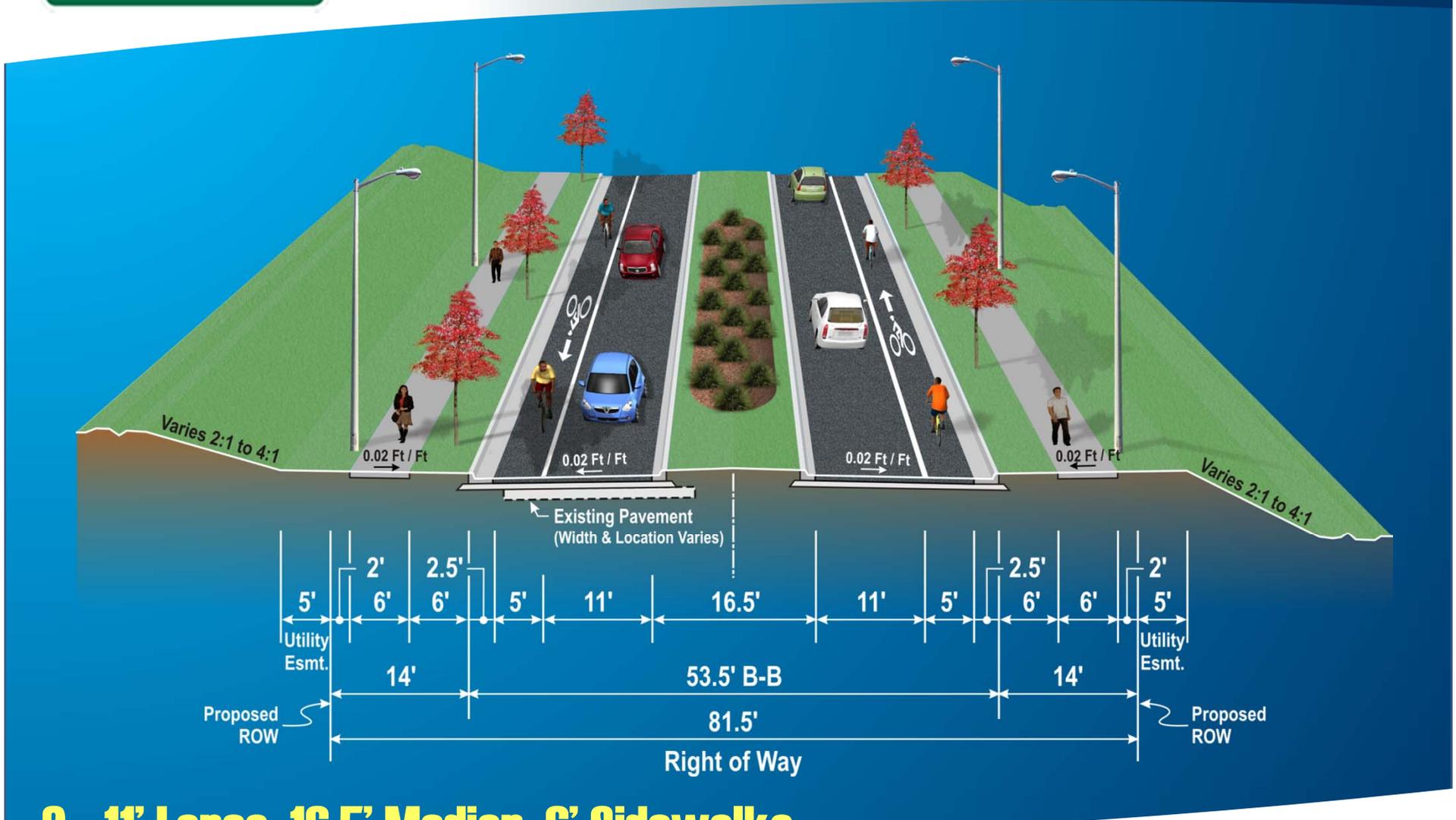


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Sandy Forks Road Widening



2 - 11' Lanes, 16.5' Median, 6' Sidewalks
5' Bike Lanes, 81.5' ROW





Sandy Forks Road Widening

Sidewalks & Bicycle Lanes
Stormwater management
Landscaping & LED Street Lighting





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Greenroads Cost

- Project Registration - \$495
- A-Lined Assessment - \$1000
- Certification - \$4995 (projects under \$10 Million)
- Staff will analyze benefits/feasibility of completing a project through Greenroads program and any effects certification has on final construction costs

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