







GREENROADS RATING SYSTEM

A BLUEPRINT FOR BUILDING SUSTAINABLE
TRANSPORTATION PROJECTS

-  Reduce environmental impact and resource use
-  Improve safety, mobility, and access
-  Save taxpayer dollars
-  Create extraordinary transportation projects

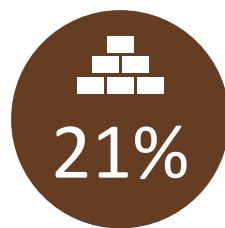


WHAT IS THE RATING SYSTEM?

Greenroads Rating System is internationally recognized as the best tool for measuring and certifying sustainability performance for transportation infrastructure. The points-based system draws from five core areas:



Environment
& Water



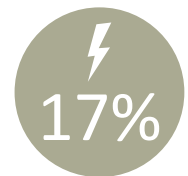
Materials
& Design



Construction
Activities



Access
& Livability



Utilities
& Controls

WHY CHOOSE GREENROADS?

- Designed specifically for transportation
- Third-party accountability
- Evidence-based and calibrated practices
- Proven and supported by the industry
- Measurable performance outcomes
- Perform beyond compliance

GREENROADS SCORECARD

THE GREENROADS RATING SYSTEM V2 INCLUDES:

- 12 Project Requirements
- 45 Voluntary Core Credits
- 4 Voluntary Extra Credits

! PROJECT REQUIREMENTS		
NO.	TITLE	TYPE
PR-1	Ecological Impact Analysis	REQUIRED
PR-2	Energy & Carbon Footprint	REQUIRED
PR-3	Low Impact Development	REQUIRED
PR-4	Social Impact Analysis	REQUIRED
PR-5	Community Engagement	REQUIRED
PR-6	Lifecycle Cost Analysis	REQUIRED
PR-7	Quality Control	REQUIRED
PR-8	Pollution Prevention	REQUIRED
PR-9	Waste Management	REQUIRED
PR-10	Noise & Glare Control	REQUIRED
PR-11	Utility Conflict Analysis	REQUIRED
PR-12	Asset Management	REQUIRED

🌳 ENVIRONMENT & WATER		
NO.	TITLE	POINTS
EW-1	Preferred Alignment	1-3
EW-2	Ecological Connectivity	1-3
EW-3	Habitat Conservation	1-3
EW-4	Land Use Enhancements	1-3
EW-5	Vegetation Quality	1-3
EW-6	Soil Management	1-3
EW-7	Water Conservation	1-3
EW-8	Runoff Flow Control	1-3
EW-9	Enhanced Treatment: Metals	1-3
EW-10	Oil & Contaminant Treatment	1-3

🚧 CONSTRUCTION ACTIVITIES		
NO.	TITLE	POINTS
CA-1	Environmental Excellence	1-3
CA-2	Workzone Health & Safety	1-2
CA-3	Quality Process	1-3
CA-4	Equipment Fuel Efficiency	1
CA-5	Workzone Air Emissions	1
CA-6	Workzone Water Use	2-3
CA-7	Accelerated Construction	1-2
CA-8	Procurement Integrity	1
CA-9	Communications & Outreach	1
CA-10	Fair & Skilled Labor	1-2
CA-11	Local Economic Development	1

🏗️ MATERIALS & DESIGN		
NO.	TITLE	POINTS
MD-1	Preservation & Reuse	1-5
MD-2	Recycled & Recovered Content	1-5
MD-3	Environmental Product Declarations	2
MD-4	Health Product Declarations	2
MD-5	Local Materials	1-5
MD-6	Long-Life Design	1-5

⚡ UTILITIES & CONTROLS		
NO.	TITLE	POINTS
UC-1	Utility Upgrades	1-2
UC-2	Maintenance & Emergency Access	1
UC-3	Electric Vehicle Infrastructure	1-3
UC-4	Energy Efficiency	1-3
UC-5	Alternative Energy	1-3
UC-6	Lighting & Controls	1-3
UC-7	Traffic Emissions Reduction	1-3
UC-8	Travel Time Reduction	1-2

🚲 ACCESS & LIVABILITY		
NO.	TITLE	POINTS
AL-1	Safety Audit	1-2
AL-2	Safety Enhancements	1-2
AL-3	Multimodal Connectivity	1-2
AL-4	Equity & Accessibility	1-2
AL-5	Active Transportation	1-2
AL-6	Health Impact Analysis	2
AL-7	Noise & Glare Reduction	1-3
AL-8	Culture & Recreation	1-2
AL-9	Archaeology & History	1-2
AL-10	Scenery & Aesthetics	1-2

🌟 CREATIVITY & EFFORT		
NO.	TITLE	POINTS
CE-1	Educated Team	1-2
CE-2	Innovative Ideas	1-5
CE-3	Enhanced Performance	1-5
CE-4	Local Values	1-3

CERTIFICATION LEVELS	LEVEL	POINTS
	Bronze	40
	Silver	50
	Gold	60
	Evergreen	80



HOW CAN GREENROADS BE USED?

PUBLIC AGENCIES

Benchmark internal sustainability performance, procurement, and specifications

FUNDERS

Criteria for grants and funding awards

POLICY-MAKERS

Create plans and policies for sustainable transportation

DESIGNERS & CONSULTANTS

Specify how to build green roads

CONTRACTORS

Design-build proposals, Alternative Technical Concepts (ATC), and corporate social responsibility



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