

SUSTAINABLE INFRASTRUCTURE PROCESS

I. PURPOSE AND NEED FOR POLICY

This policy identifies how the city will strive to design and execute all infrastructure projects in a manner that balances long term fiscal, environmental and accessibility requirements. Sustainable infrastructure supports the City of Burnsville's overall sustainability efforts by promoting a system that encourages multi-modal transportation and right-of-way use while maintaining emergency vehicle and commercial access.

II. POLICY

The City of Burnsville will consider key factors such as mobility, the environment, safety, cost effectiveness and community interests when designing and bringing forward infrastructure projects for city council consideration. A list of key the factors has been established in a Sustainable Infrastructure Guidelines document and it will be used to evaluate every major infrastructure project during the design process. Changes and updates will be made to city policies as needed to facilitate sustainable infrastructure improvements.

III. PROCEDURE

1. Annually, the Development Review Committee (DRC) will evaluate upcoming infrastructure projects at the start of the design and planning process. The DRC will identify gaps or deficiencies in the infrastructure for user groups that could be addressed by the project. This assessment will be based on the factors identified in the Checklist.
2. The projects reviewed by the DRC will be driven by the five-year CIP for infrastructure replacement and new construction.
3. A check list will be developed and forwarded for city council review of each project highlighting the sustainable factors incorporated into each project along with a cost/benefit analysis.
4. The DRC will review applicable policies annually and recommend updates, changes, or modifications to facilitate projects for consideration by the city council.

IV. RESPONSIBILITY

The Public Works Department.

V. AUTHORITY

Administrative implementation of policy.

Submitted by: _____

Date: _____

Reviewed by: _____

Date: _____

Sustainable Infrastructure Guidelines

Safety

- Vehicle Safety
- Pedestrian Safety
- Traffic Control (signage, traffic materials, & intersections)
- Traffic Calming
- Safe Routes to School
- Police CPTD (Crime Prevention Through Design) Review
- Signage
- Emergency Access
- Railroad crossings
- Lighting
- Technology
- Road Design (improve walkability, provide unobstructed corridor)

Community

- Bike lanes (on and off street) as Identified in the Trail Master Plan
- Sidewalks/Trails (existing/planned)
- Aesthetics
- Neighborhood Input
- Communication
- Economically Sustainable
- Appropriate Signage
- User Comfort (benches/bus shelters, etc.)
- Partnership Opportunities
- Meets Multiple Needs (utilities, wire less, greenway, view shed, etc.)
- Evaluation of Sustainable Technology

Mobility

- Bus Stop Access
- Route Extensions
- ADA Requirements
- Multi-Modal (Accommodates many users-walkers wheel chairs, Seg ways, scooters, cars, etc.)
- Access to Year-Round Multi-Modal
- Route Extensions
- Connects users with Employment, Shopping, Recreation, Schools
- Emphasis on Transit (which increases the capacity of system)

Environmental

- Storm Water Infiltration
- Streetlights
- Boulevard Trees
- Use of Recycled-Content Materials
- Alternative Energy
- Minimize Chemical Use
- Improve Efficiency/Decrease Waste
- Improve Living Environment (reduce noise, improve air quality, provide screening, etc.)