What Is Green Infrastructure?

<table>
<thead>
<tr>
<th>Parcel-Scale</th>
<th>Green Streets</th>
<th>Regional</th>
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<tbody>
<tr>
<td>• Private and Public Projects</td>
<td>• Street Projects</td>
<td>• Large Retention Projects (Parks, Schools, Large Public Parcels)</td>
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<tr>
<td>• Parcel-scale Management</td>
<td>• Block-Scale Stormwater Management</td>
<td>• Watershed-scale Management</td>
</tr>
<tr>
<td>• Primarily Private Funding via New/Redevelopment</td>
<td>• Primarily Local/State Transportation Funding</td>
<td>• Primarily State/Federal Funding</td>
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Pre-Urban Development

Urban Development

Source: San Mateo County Sustainable Streets and Parking Lots Guidebook
**Balanced Development**

Source: San Mateo County Sustainable Streets and Parking Lots Guidebook
Benefits of Green Infrastructure

- Reduce Pollution
- Increase Natural Habitat
- Manage Flood Risk

Benefits of Green Infrastructure

- Promotes Safer Communities
- Lowers Urban Heat Island Effects
- Keeps Water Local
Categories of GI Stormwater Management

- This is an unfunded mandate set by the Municipal Regional Permit (MRP)
- There is a potential cost for all three categories
- Certain policies would put additional burden on property owners

Regional Project Concept

**Project Benefits:**
- Green Streets is currently estimated at $100+ million. Regional Project is $40+ million.
- Expected yearly maintenance costs for Green Streets is $3-$4 million. The project is estimated to be $200k.
- Opportunities for grey water reuse
- County has obtained grant funding for a preliminary design.
Parcel GI related Policy Decisions
Recommended Policies

Site Treatment for:
- New Commercial Buildings
- New Multi and Single Family Residential Buildings (Excluding ADUs)
- Substantial Commercial Remodels/TIs (50% or more interior remodel of building) Considering excluding zero lot line and smaller buildings
- Other jurisdictions are working on similar policies

Green Streets Related Policy Decisions
Recommended Policy Decision

- Green Infrastructure Improvements in the Right-of-Way:
  - Large Developments already have many requirements for new frontage improvements
  - Staff recommends requiring GI improvements in the right-of-way for future planned developments where possible
- City benefits by obligating developer to pay for GI infrastructure maintenance
- Requires expansion of current Landscape Maintenance Agreements
Categories of GI Stormwater Management
Recommended Staff Approach

- Implement policies for development projects
- Continue progress for Regional project at Red Morton
- Consider Green Street where appropriate for large development projects.
- Future iterations of GI Plan would be revised as needed to meet MRP goals

PLEASE LET US KNOW YOUR THOUGHTS