#### U.S. Department of the Interior National Park Service





## Agenda

5:30 - 6:00pm Open House

6:00 - 6:45pm Project Background

NEPA and Section 106 Process

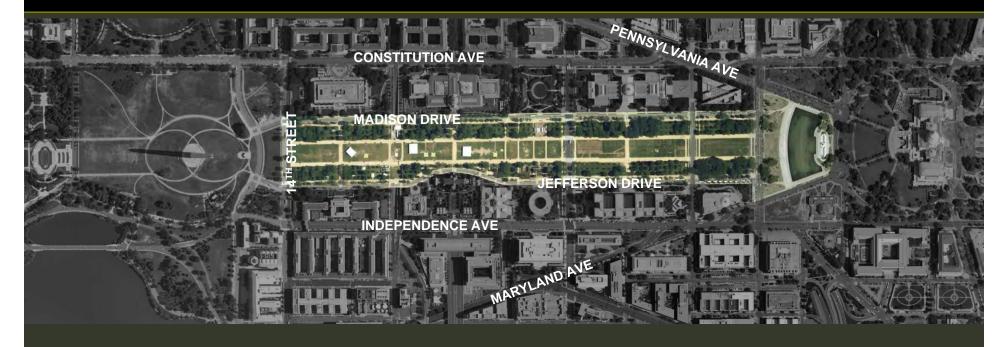
**Proposed Actions** 

Opportunities to Comment

6:45: 7:30pm Open House







The project area is located between Madison Drive NW and Jefferson Drive

SW and between 1st Street SW to 14th Street NW















2009 Inauguration

















## Project Timeline

2010

2011

2012

SEP

JAN

MAR

SEP

JAN

MAR

JUN

SEP

JAN

CONCEPTUAL DESIGN

HISTORIC MALL MAPPING

EA + SECTION 106

JUN

CFA / NCPC APPROVAL PROCESS

CONSTRUCTION





## Regulations and Procedures



NEPA

National Environmental

Policy Act

NHPA

National
Historic
Preservation
Act





### NEPA

# Regulations

#### NEPA National Environmental Policy Act

The National Environmental Policy Act of 1969, as amended

(42 U.S.C. 4321 et seq.)

#### CEQ Council on Environmental Quality

"Regulations for Implementing the Procedural Provisions of NEPA" (40 CFR 1500-1508).

#### DO-12 Department of the Interior, Director's Order 12

Director's Order #12: Conservation Planning, Environmental Impact Analysis, and Decision-making

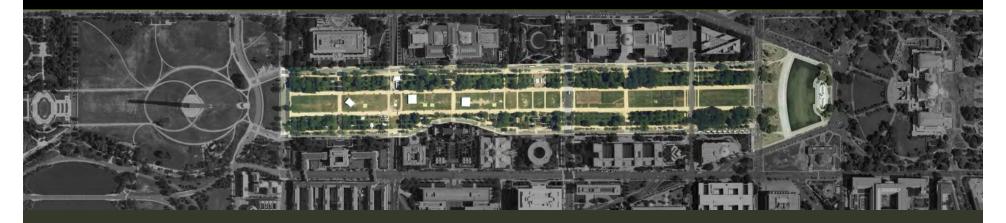
## Process

- 1. Notice of Intent
- 2. Define Purpose & Need
- 3. Define Preliminary Alternatives
- 4. Scoping to introduce project and identify issues
- 5. Public Scoping meeting to introduce alternatives
- 6. Finalize Alternatives
- 7. Existing Conditions and Impact Analysis
- 8. Public Review of Draft Environmental Assessment
- 9. 30 day Public Comment Period
- 10. Decision Document





## Impact Topics



Visitor Use and Experience Soils

Public Safety Topography

Park Management and Operations Vegetation

Utilities and Infrastructure Visual Resources

Traffic and Transportation Cultural Resources



### Section 106

# Regulations

NHPA National Historic Preservation Act

Section 106 regulations, 36 CFR Part 800

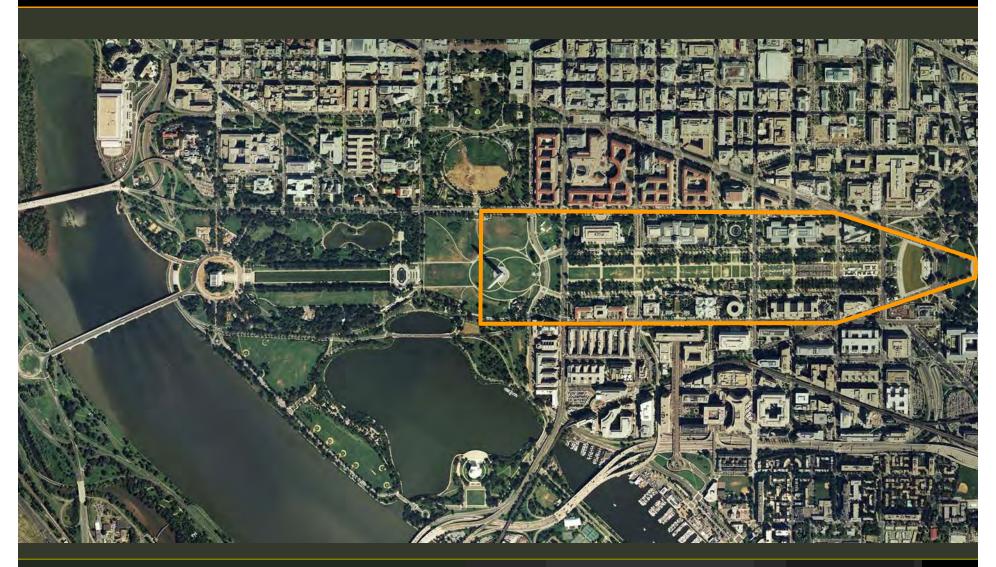
## Process

- 1. Define Undertaking/ Initiate Sec 106
- 2. Identify Consulting Parties
- 3. Involve the Public
- 4. Define Area of Potential Effect (APE)
- 5. Identify Significant Cultural Resources in APE
- 6. Assess Effects on Significant Resources
- 7. Apply Criteria Of Adverse Effect
- 8. Continue Consultation
- 9. Draft Agreement Document, if needed





## Draft Area of Potential Effect

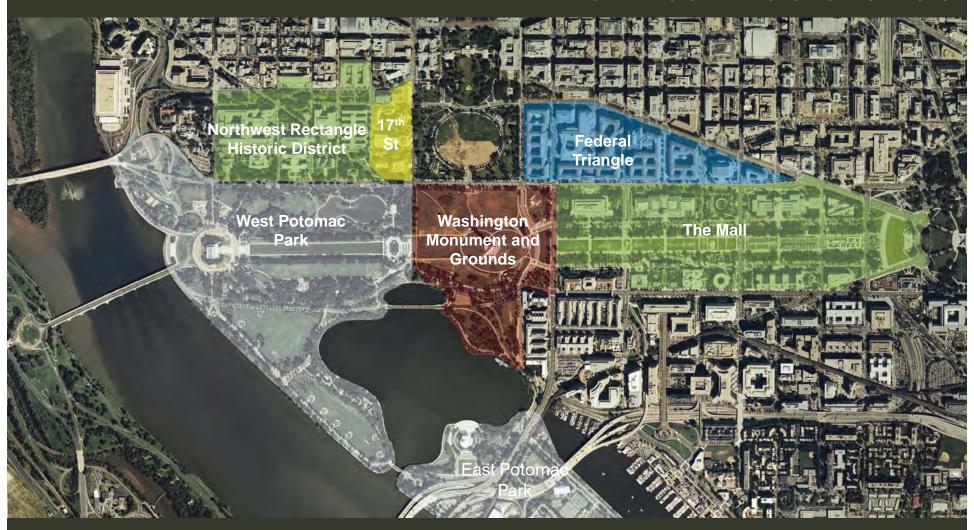






## Section 106

NATIONAL REGISTER HISTORIC DISTRICTS







## Section 106

CULTURAL LANDSCAPES

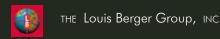






## Proposed Actions

This EA will analyze a range of alternatives to improve the vegetation and soils on the Mall by removing and replacing the existing soil on the grass panels, better defining the edges of the grass panels, enhancing the tree panels and street trees, and reconfiguring the irrigation system.





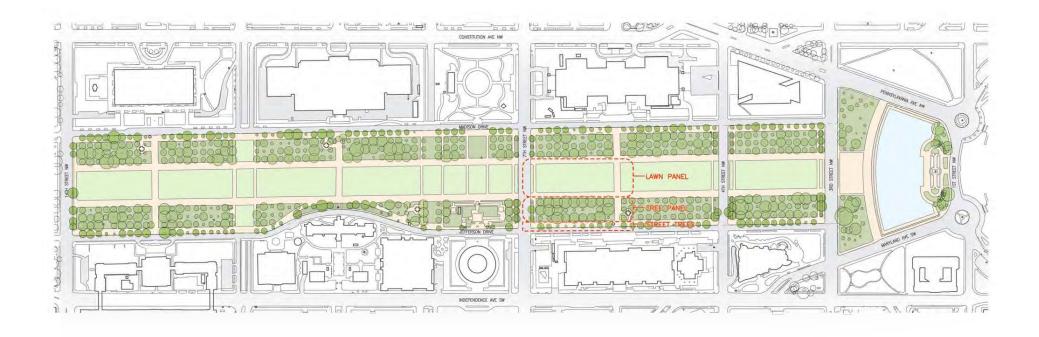




# **Background + Overview**



### Key Plan







#### Aerials + Preferred Mall Plan

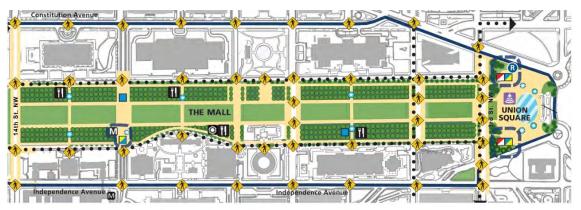
1936 Aerial



Present Day Aerial

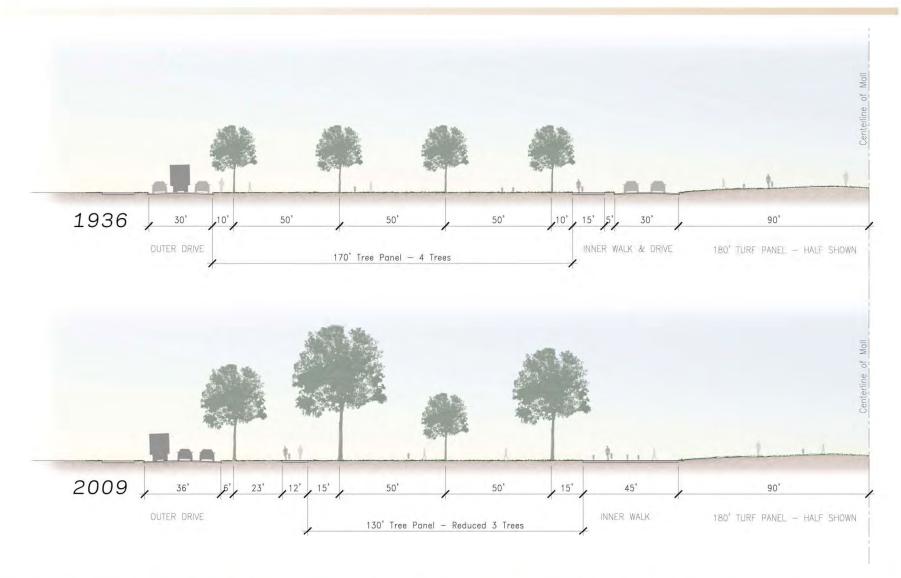


EIS Preferred Alternative





#### **Cross-Sections**



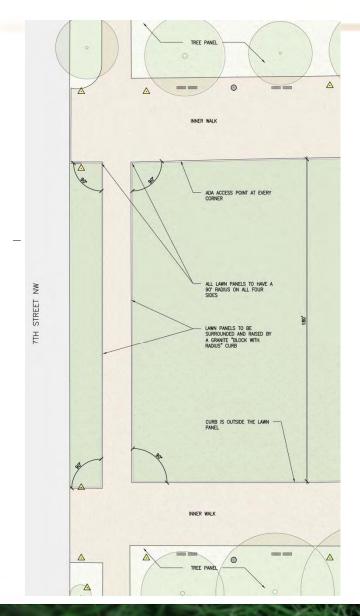




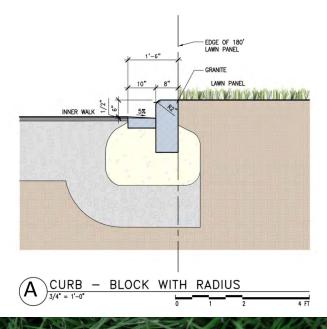
# Lawn Panels



### Lawn Panels Plan Option 1

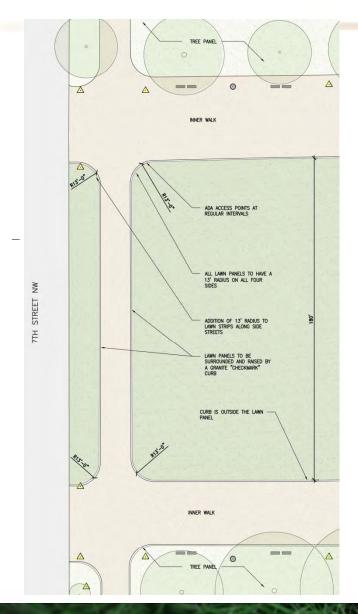


- 90 degree corners
- Typical DC standard granite curbs
- Granite gutters
- Raises the Lawn Panels 6 inches

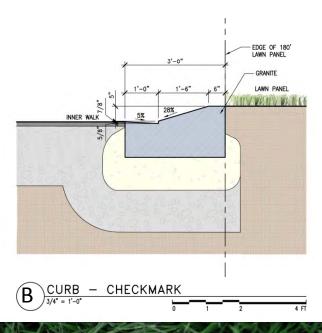




### Lawn Panels Plan Option 2

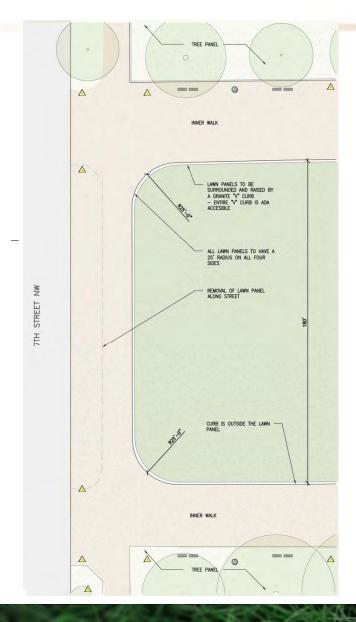


- 13 foot radius corners
- 3 foot wide granite "checkmark" curb with gutter
- Raises the Lawn Panels 5 inches

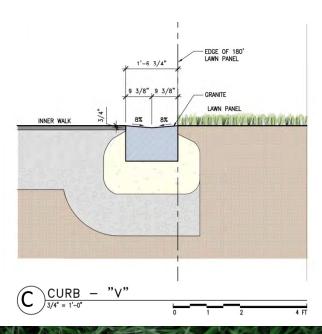




### Lawn Panels Plan Option 3

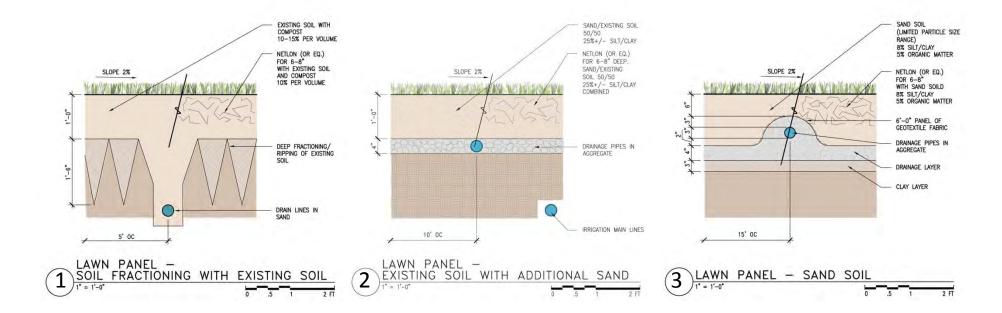


- 25 foot radius corners
- "V" granite curb/gutter/edge
- Does not raise the Lawn Panels





#### Lawn Panels Soil Profile Alternatives



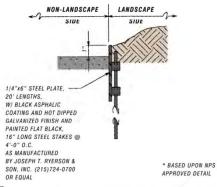




# **Tree Panels**

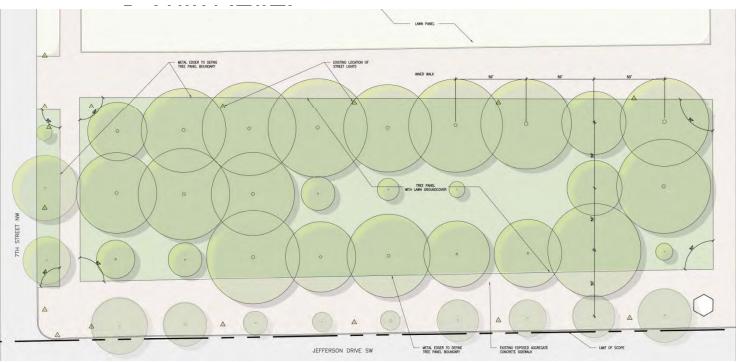


### Tree Panels Plan Option 1



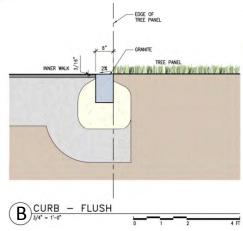
- 90 degree corners
- Maintain existing metal edging
- Least disturbance to the trees and their root area



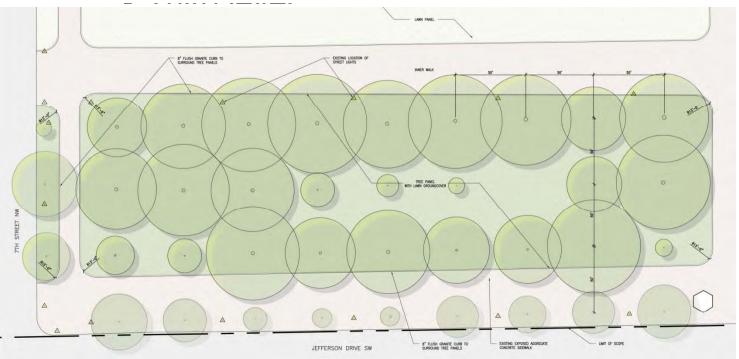




### Tree Panels Plan Option 2

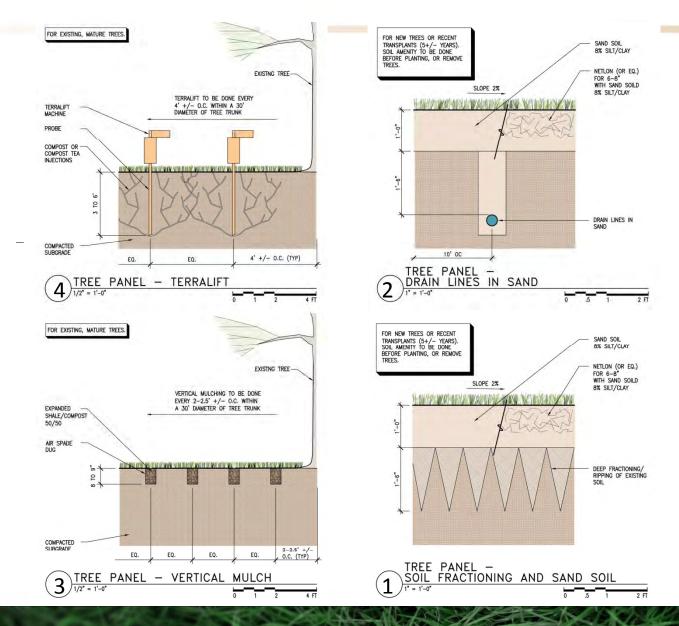


- 13 foot radius corners
- Flush curb/edge with 2% pitch
- Minimal disturbance to the trees and their root area





#### Tree Panels Soil Profile Alternatives



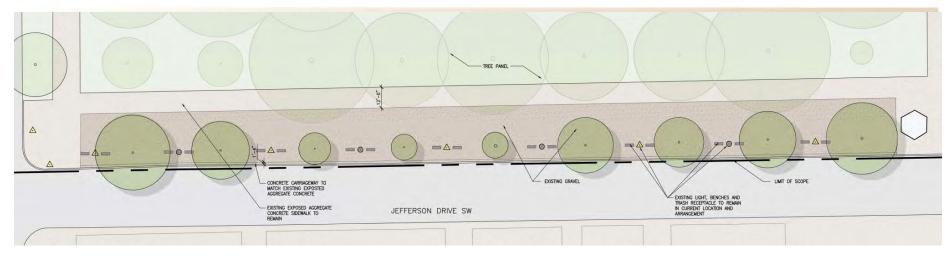




# **Street Trees**



### Street Trees Option 1

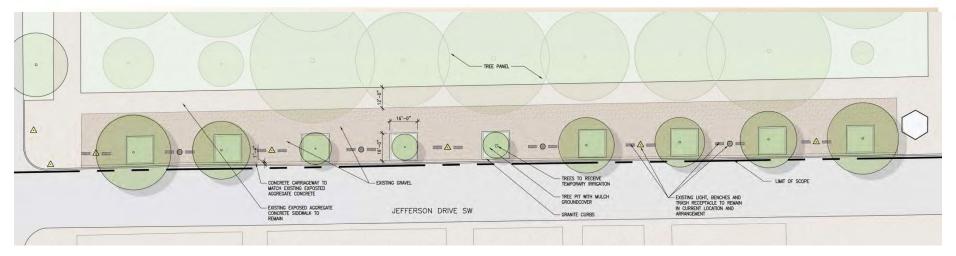


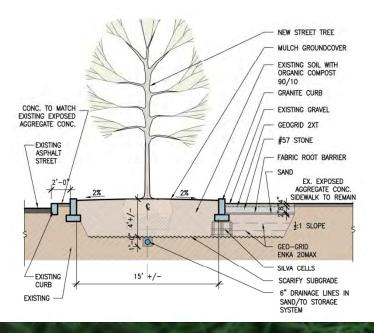
- NEW STREET TREE 18" VERTICAL ROOT 2X10 STOPPING BOARD EXISTING GRAVEL GEO-GRID 2XT CONC. TO MATCH EXISTING EXPOSED EXISTING SOIL WITH ORGANIC COMPOST AGGREGATE CONC. #57 STONE EXISTING **ASPHALT** FABRIC ROOT BARRIER STREET 5'-0" EX. EXPOSED AGGREGATE CONC. SIDEWALK TO REMAIN 1:1 SLOPE GEO-GRID ENKA 20MAX EXISTING 27' +/- TYPICAL SCARIFY SUBGRADE
- Maximum gravel surface
- Continuous tree trench
- No protection at base of tree
- No aesthetic relieve





### Street Tree Alternatives Option 1A





- Reintroduces softscape
- Continuous tree trench

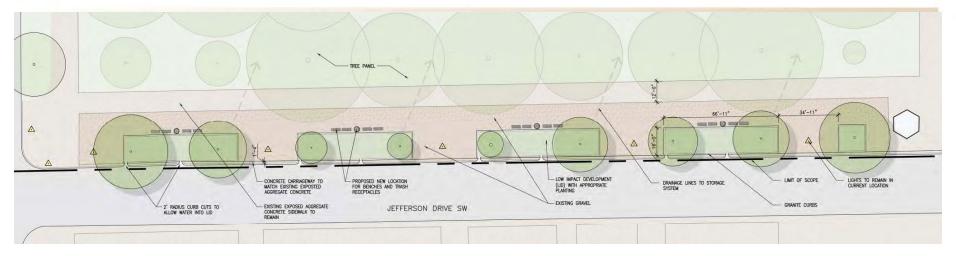


- 6 inch raised granite curbs
- Physical deterrent to protect base of tree





### Street Tree Alternatives Option 2

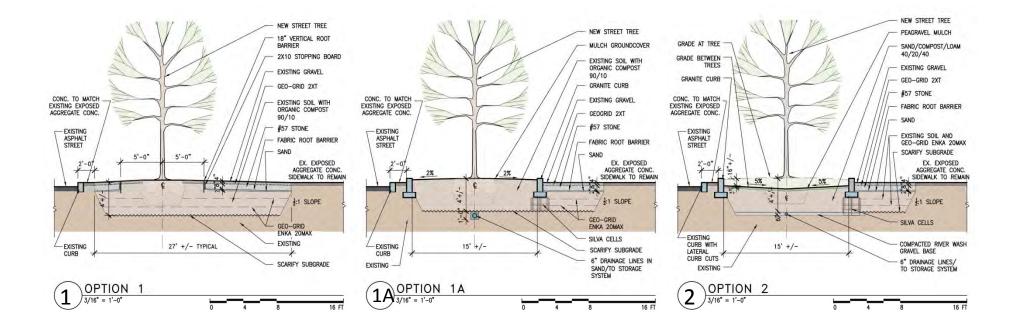


- NEW STREET TREE PEAGRAVEL MULCH GRADE AT TREE SAND/COMPOST/LOAM 40/20/40 GRADE BETWEEN EXISTING GRAVEL GRANITE CURB GEO-GRID 2XT #57 STONE CONC. TO MATCH EXISTING EXPOSED AGGREGATE CONC. FABRIC ROOT BARRIER EXISTING EXISTING SOIL AND ASPHALT GEO-GRID ENKA 20MAX SCARIFY SUBGRADE EX. EXPOSED AGGREGATE CONC. SIDEWALK TO REMAIN 1:1 SLOPE SILVA CELLS EXISTING CURB WITH COMPACTED RIVER WASH 15' +/-GRAVEL BASE LATERAL CURB CUTS 6" DRAINAGE LINES/
- LID Most sustainable practice
- Reintroduces plant material
- Visible display of sustainable practice
- 6 inch granite curbs





#### Street Trees



## Opportunities to Comment

Your comments are essential to this process.

Please submit comments by April 8, 2010 at:

http://parkplanning.nps.gov/NAMA

or mail to: Jennifer Talken-Spaulding at

Mall\_Turf\_Soil@nps.gov

900 Ohio Drive SW Washington DC 20024



