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## CITY COUNCIL AGENDA ITEM

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**TO:** Mayor & City Council

**DATE:** January 10, 2012

**FROM:** John McDonough, City Manager

**AGENDA ITEM:** Discussion of Morgan Falls Road Improvement Project Elements

**MEETING DATE:** For Submission onto the January 17, 2012, City Council Regular Meeting Agenda

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**BACKGROUND INFORMATION:** (Attach additional pages if necessary)

See attached:

Memorandum  
Resolution  
PowerPoint Presentation

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APPROVAL BY CITY MANAGER:

A handwritten signature in blue ink, appearing to read "John McDonough", is written over a horizontal line.

APPROVED

\_\_\_\_\_ NOT APPROVED

PLACED ON AGENDA FOR:

1/17/2012

CITY ATTORNEY APPROVAL REQUIRED:

(  ) YES

(  ) NO

CITY ATTORNEY APPROVAL:

A handwritten signature in blue ink is written over a horizontal line.

REMARKS:



TO: John McDonough, City Manager

FROM: Kevin J. Walter, P.E., Public Works Director

DATE: January 4, 2012, for Submission onto the Agenda of the January 17, 2012, City Council Meeting under "Old Business"

ITEM: Discussion of Morgan Falls Road Improvement Project Elements

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***Discussion:***

Public Works seeks guidance from the Mayor and City Council on three design issues necessary to finalize the project plans and specifications so that the project may be let for bidding. These three issues involve:

- Design type and façade/vegetation covering of reinforcing walls
- Stormwater treatment options
- Roadway cross section changes to include a 10' wide multi-use path for the project.

An overview of these three design issues is presented for the Mayor and Council in the attached Power Point Presentation.

***Background:***

Morgan Falls Road is located just south of City Hall and connects Roswell Road to Morgan Falls Dam. The road also is the only access to three City Parks: Morgan Falls Athletic Fields, Overlook, and the temporary dog park. The posted speed limit is 35 miles per hour and existing right-of-way varies from greater than 50 feet wide to as narrow as 40 feet wide.

***Public Works Recommendation:***

Staff recommends that the Mayor and Council approve:

- The design of terraced MSE walls (using only the more expensive soil nail type wall near the apartment complex where there is an existing retaining wall on the hill above and more unstable soil conditions). The façade for all walls would be the same brick veneer as utilized in the Overlook Park, with vine plantings at the base of the walls.
- The stormwater alternative of a rain garden which will discharge much more highly purified stormwater into the Chattahoochee River.
- The inclusion of a revised road section would eliminate the in-pavement 3.5 foot width dedicated bike lanes on each side of the road and one 5' sidewalk but would include a 10' wide multi-use path which could better serve future improvements as well as connect to the Ball Fields and Big Trees Park.

***Financial Impact:***

The total cost for the project with the above suggested design changes is within the total project budget. Additional engineering design fees of \$60,000 must be approved to finalize the plans and specifications so that the project may be put out for bid by the City in April-May, 2012.

STATE OF GEORGIA  
COUNTY OF FULTON

**A RESOLUTION TO ALLOW THE CITY MANAGER TO EXECUTE A SUPPLEMENTAL AGREEMENT ON THE CONTRACT FOR DESIGN SERVICES FOR CIP PROJECT T-0034, MORGAN FALLS ROAD IMPROVEMENTS**

**WHEREAS**, it is necessary, from time to time, to establish policies, procedures and guidelines addressing the administration of a municipal government consistent with the US Constitution, Federal Statutes, alignment with Federal, Georgia’s State Constitution, and the Charter for the City of Sandy Springs,

**WHEREAS**, upon adoption of this Resolution, City Sandy Springs Public Works Department staff will manage all applicable phases of the project.

**NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF SANDY SPRINGS, GEORGIA**

That they hereby authorize the City Manager to sign and execute a supplemental agreement to the contract for design services for CIP Project T-0034, Morgan Falls Road Improvements in the amount of \$60,000.

**RESOLVED** this the 17<sup>th</sup> day of January, 2012.

Approved:

\_\_\_\_\_  
Eva Galambos, Mayor

Attest:

\_\_\_\_\_  
Michael Casey, City Clerk  
(Seal)

# MORGAN FALLS ROAD UPDATE

January 17, 2012

Mayor and City Council Meeting

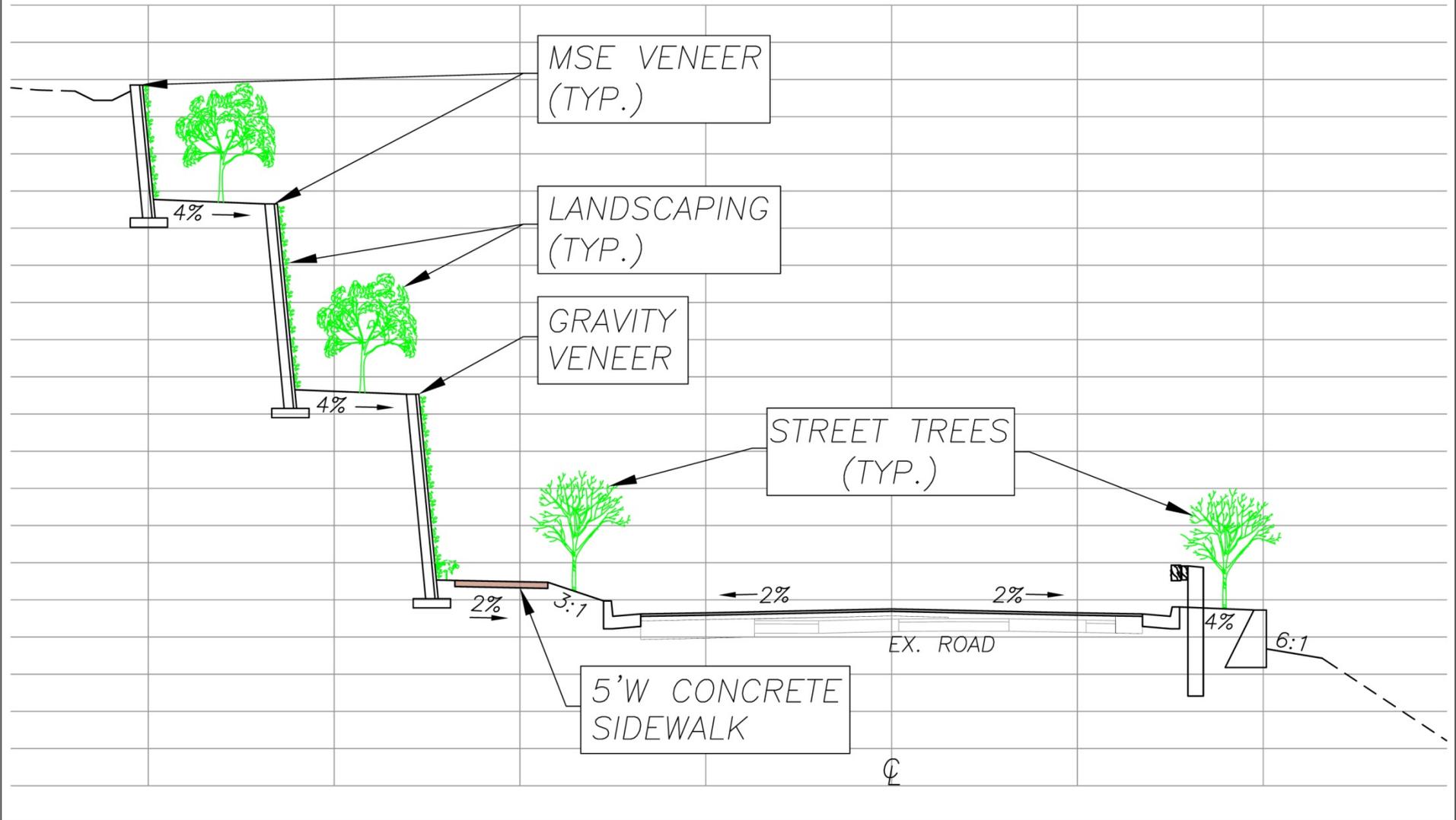


# Transportation Enhancement (TE) Proposed Scope Issues

- ▣ Wall construction type (MSE vs Soil Nail) and facades (brick veneer to match existing wall in park)
- ▣ Landscaping (street trees, wall plantings, slope stabilization)
- ▣ Wayfinding signage at Overlook Park
- ▣ Water Quality (2 options)
  - Rain garden
  - Parallel Oil/Grit Separator
- ▣ Sidewalk or multi-use path



# TE Components: wall façade, landscaping, entrance signage, and sidewalk or multi-use path



# PROPOSED WALL VENEER



Plan to utilize pattern from existing wall in Overlook Park



Brick Veneer  
\$6-7 / SF

## Example of MSE wall with planting strip



# Example of MSE wall 3 years after planting



# WAYFINDING SIGNAGE OVERLOOK PARK







# CONCEPT FOR PHASE 1A TERMINATION

OCTOBER 2010 - N.T.S. - S.J.M.

# Typical low granite type wall for signage



# WATER QUALITY OPTIONS

Option 1 – Rain garden

Option 2 – Parallel Oil/Grit Separator

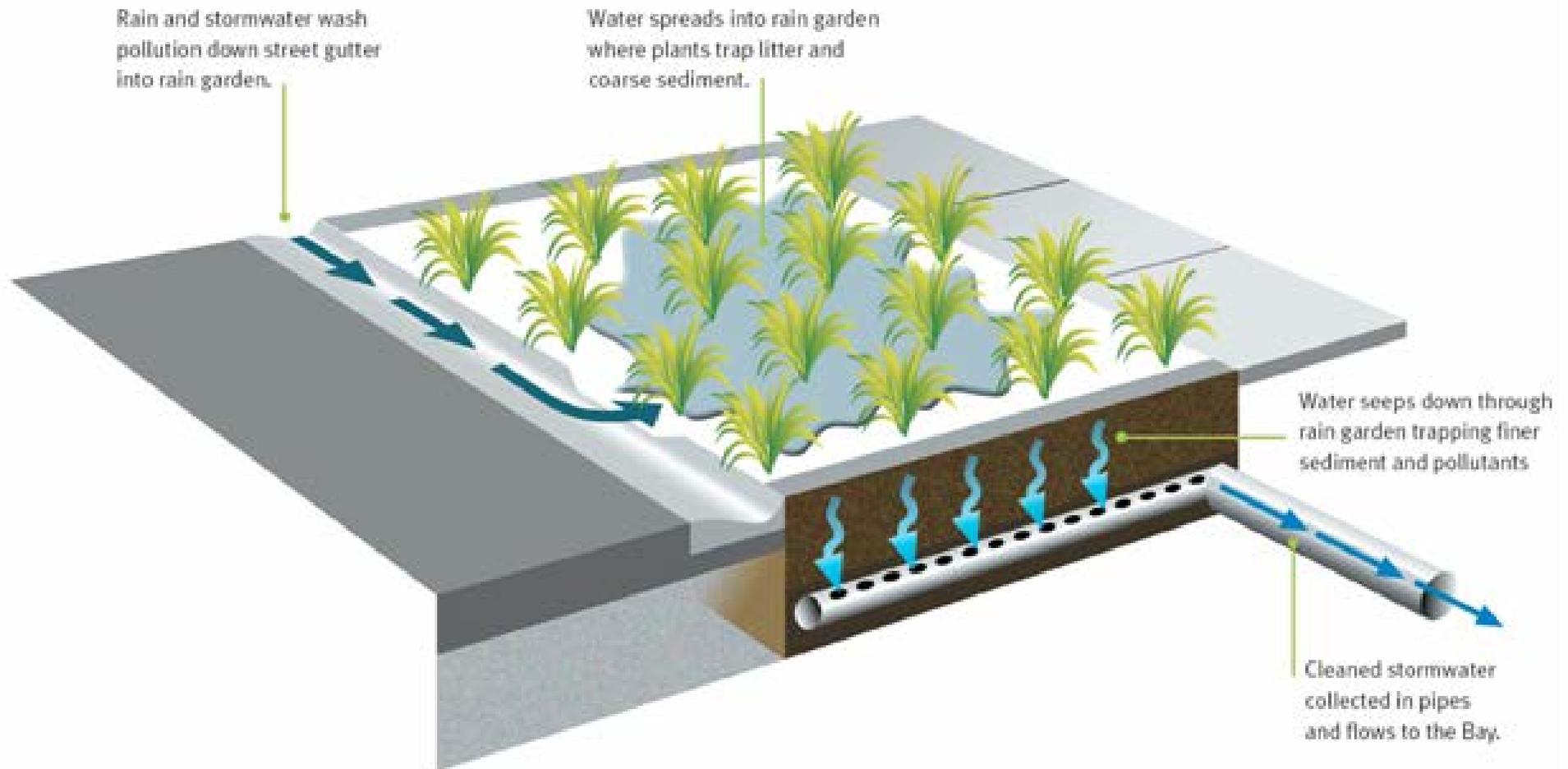




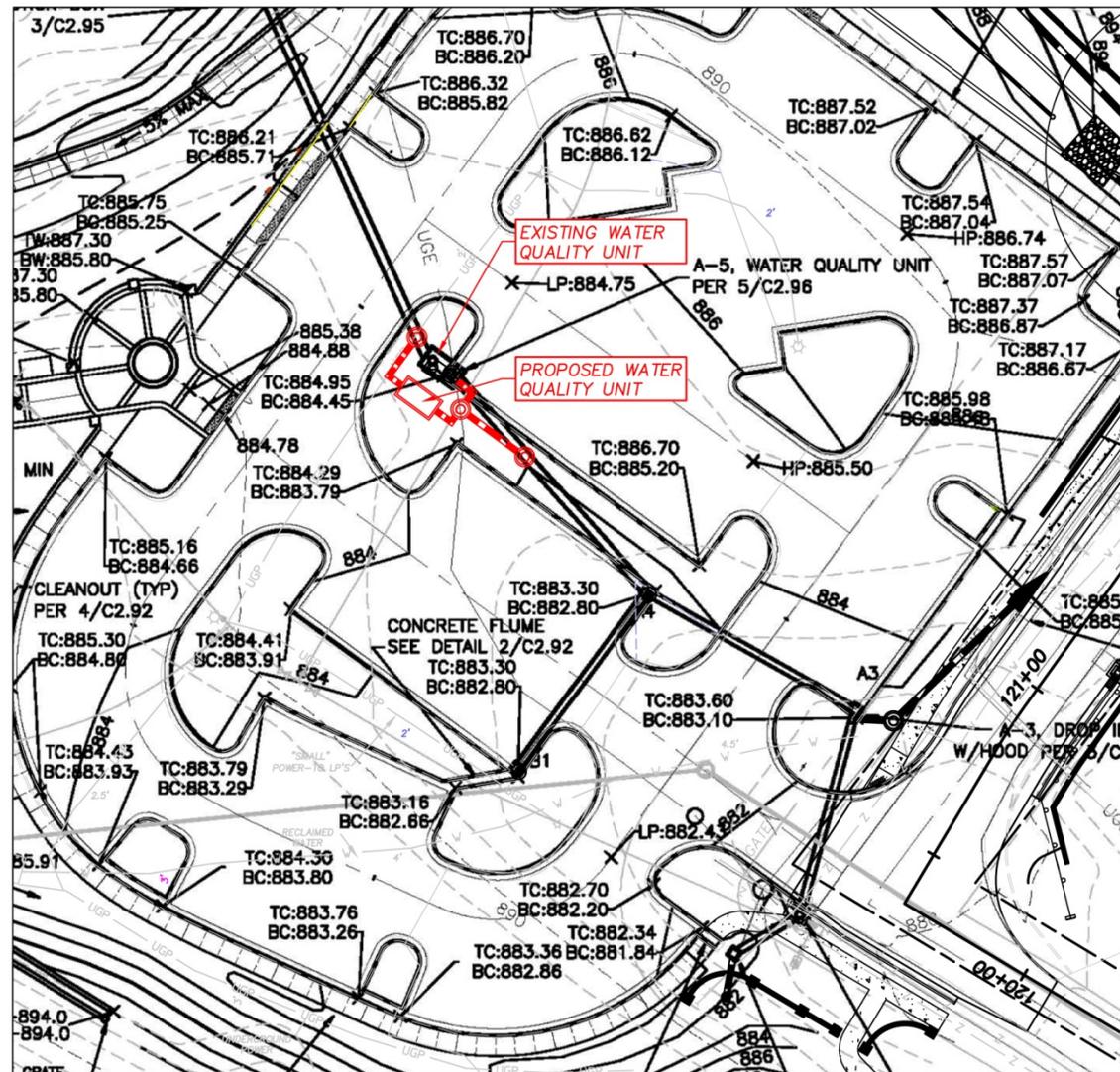




# Typical Section



# Option#2 - Parallel oil/grit separator inside parking lot (Approximate cost \$53K)



ALTERNATE WATER QUALITY TREATMENT  
OVERLOOK PARK

Existing 36" tree will be impacted with widening project and especially if the raingarden option is selected

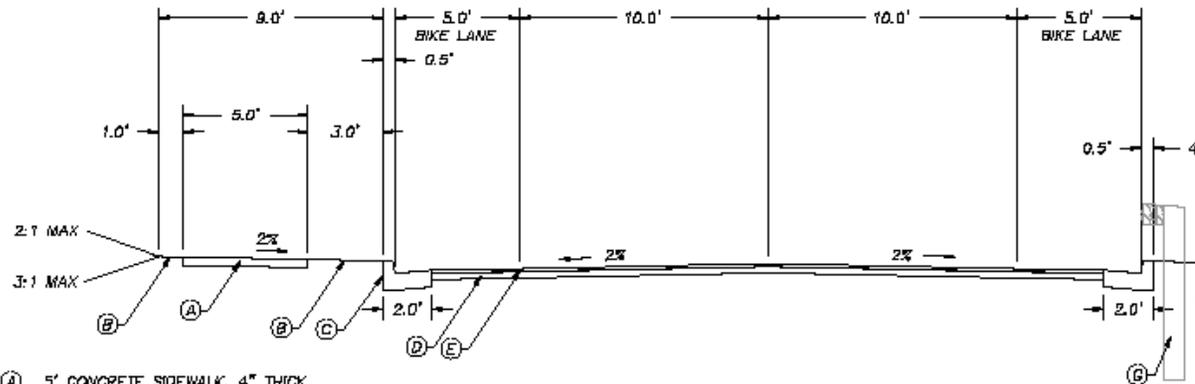


# Proposed Road Section

- ▣ Current design – two dedicated bike lanes (3.5' wide) and 5' wide sidewalk on northern side of road against walls
- ▣ Proposed design – remove 7' width from asphalt paving and 5' sidewalk against wall base, incorporate 10' wide multi-use path on southside overlooking golf course and wooded areas

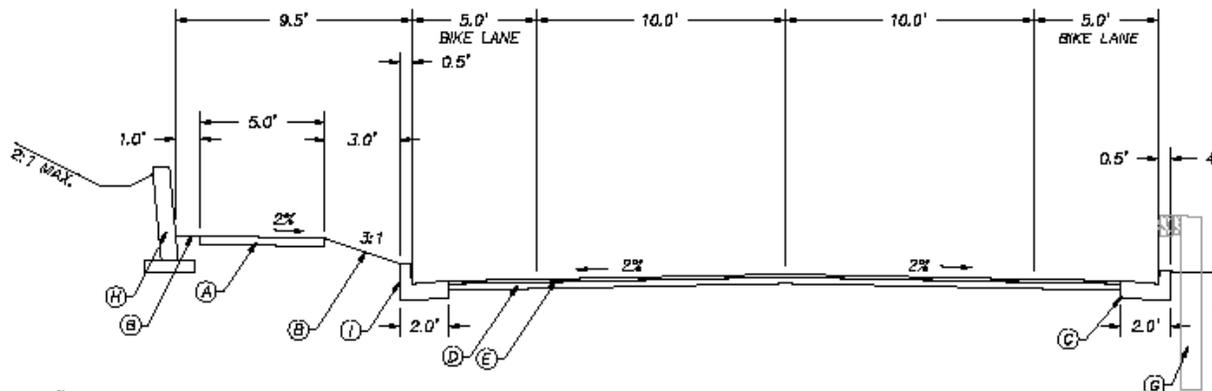


# Current Road Section



- (A) 5' CONCRETE SIDEWALK, 4" THICK
- (B) GRASS STRIP
- (C) 8" x 24" CONC CURB AND GUTTER, TP 2, GDOT STD 9032B
- (D) RECYCLED 1.5" ASPH CONC 12.5 MM SUPERPAVE
- (E) RECYCLED 3" ASHP CONC 19 MM SUPERPAVE
- (F) CLASS "A" CONCRETE RETAINING WALL - FILL w/HANDRAIL AS REQUIRED
- (G) STEEL-BACKED TIMBER GUARDRAIL

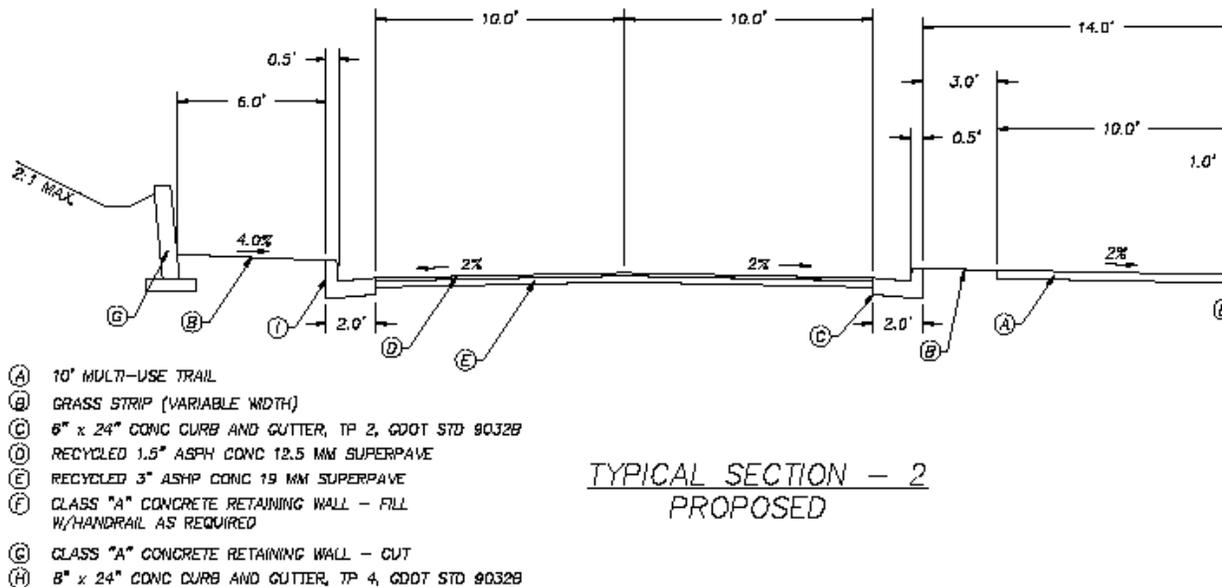
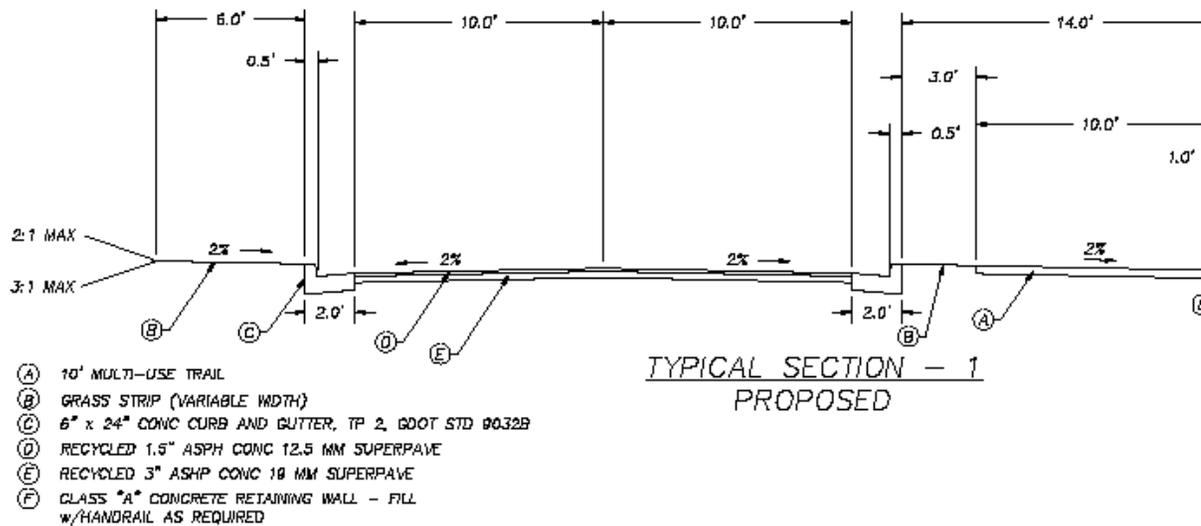
TYPICAL SECTION - 1  
AS APPROVED



- (A) 5' CONCRETE SIDEWALK, 4" THICK
- (B) GRASS STRIP. Width varies
- (C) 8" x 24" CONC CURB AND GUTTER, TP 2, GDOT STD 9032B
- (D) RECYCLED 1.5" ASPH CONC 12.5 MM SUPERPAVE
- (E) RECYCLED 3" ASHP CONC 19 MM SUPERPAVE
- (F) CLASS "A" CONCRETE RETAINING WALL - FILL
- (G) STEEL-BACKED TIMBER GUARDRAIL
- (H) CLASS "A" CONCRETE RETAINING WALL - CUT
- (I) 8" x 24" CONC CURB AND GUTTER, TP 4, GDOT STD 9032B

TYPICAL SECTION - 2  
AS APPROVED

# Proposed Road Section



# Associated Benefits and Costs of 10' Wide Multi-use Path

## ▣ Benefits

- Begin to create a network of multi-use paths inside of Morgan Falls Park
- Better connection between Big Trees, Ball Fields and future improvements/trails

## ▣ Costs

- Additional design fees to complete design (\$60K)
- Short time delay for final permitting, utility coordination, and design changes

