

# Kingsbury Run Greenway Project

Slavic Village Development

&

Burton, Bell, Carr

Wilbur Smith Associates

# Project Goals

- **Create Conceptual Plans and Cost Estimate.**
- **Coordinate with other ongoing and future projects in the area.**

# Description

- **Provide Base Plans, Existing Cross Sections & Conceptual Alternatives.**
- **Perform Cost Estimate for Conceptual Alternatives & Sidaway Bridge Rehab.**

# Technology

- **County Mapping**
  - Using AutoCAD and Inroads, provides digital terrain model of entire region
- **GPS handheld device**
  - Gives exact photo locations

# Procedures

- **Developed Base Plans using Cuyahoga County Mapping**
- **Researched location and elevation of Old Kingsbury Run**
- **Performed Field Review along entire length of project**
- **Developed Existing Cross Sections at critical locations**
- **Developed Conceptual Alternatives for Critical Locations**
- **Performed Quantity Takeoff**
- **Performed Trail Cost Estimate**
- **Performed Bridge Cost Estimate**

# Current Status

- **Completed all scope items**
- **Delivering Final Report**

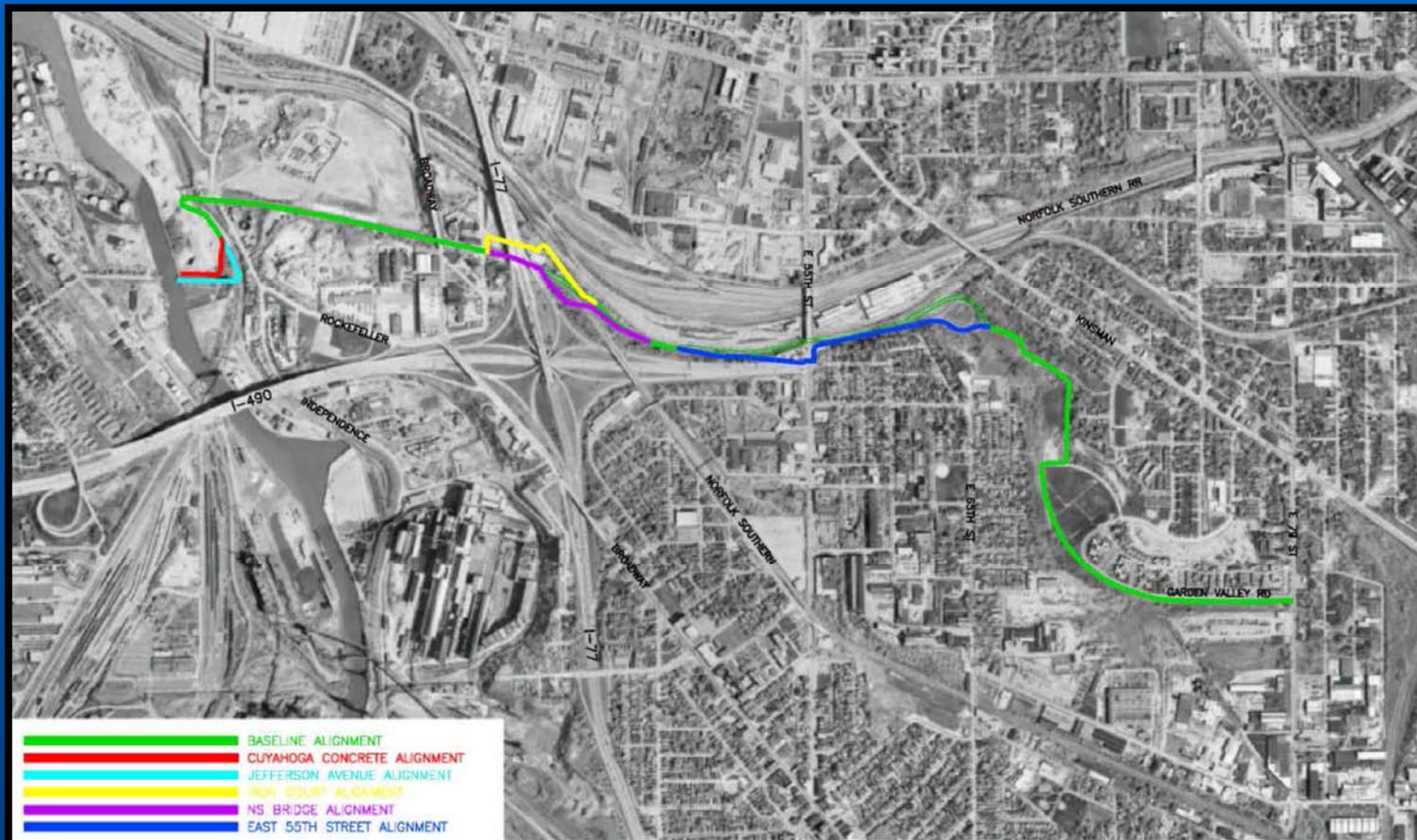
# Related Documents

- **Trail Plans**
- **Existing Sections**
- **Conceptual Sections**
- **Trail Cost Estimate**
- **Sidaway Bridge Report**
- **Sidaway Bridge Estimate**

# Walk through

- **Conceptual Alternatives**
- **Vertical Connector**
- **Cost Estimate**

# Schematic Plan

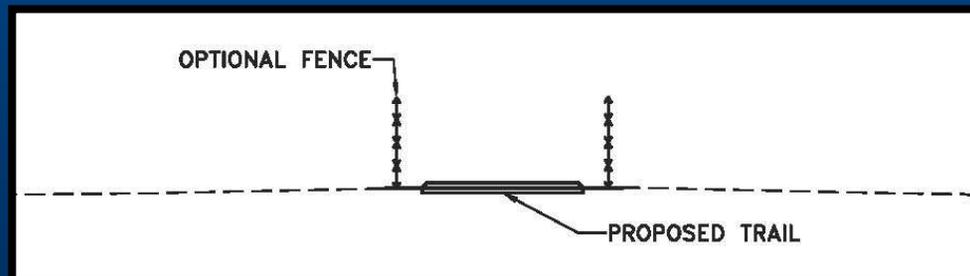


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# Trail on Grade



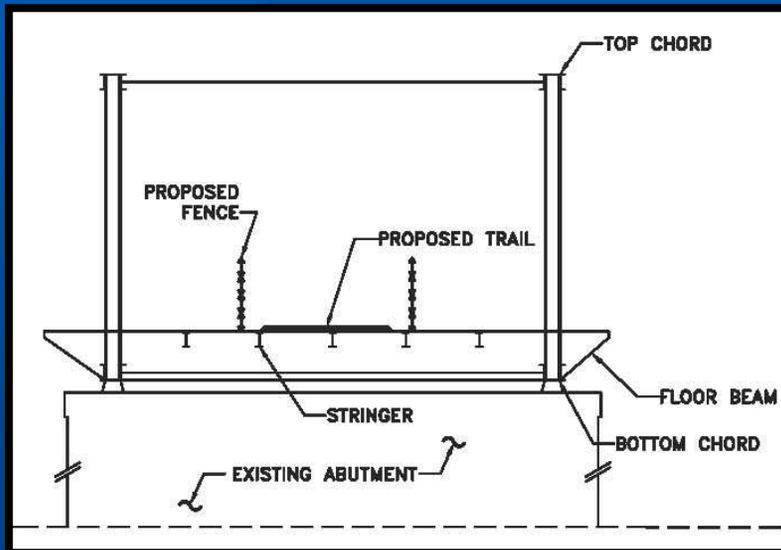
Proposed Trail – Jefferson Avenue Alignment at STA 2+00



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# Fenced Trail on Jefferson Avenue Bridge

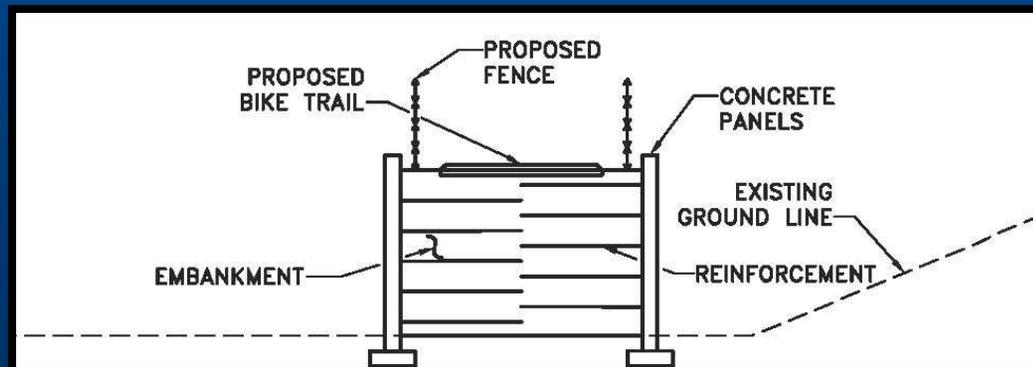
Proposed Trail - Jefferson  
Avenue Alignment at  
STA 4+50



# Fenced Trail on Mechanically Stabilized Earth



Proposed Trail - Jefferson Avenue Alignment at STA 7+00

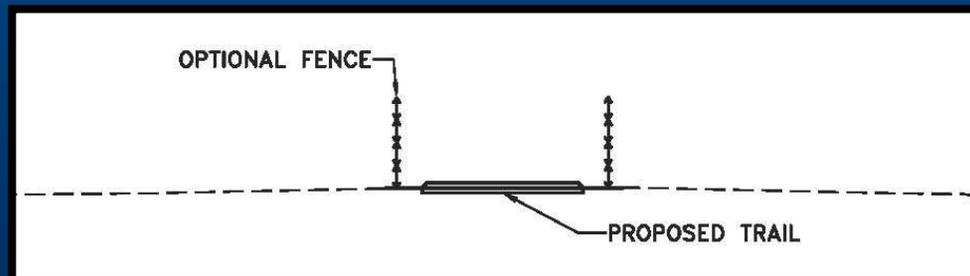


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# Trail on Grade



Proposed Trail – Cuyahoga  
Concrete Alignment at  
STA 7+00



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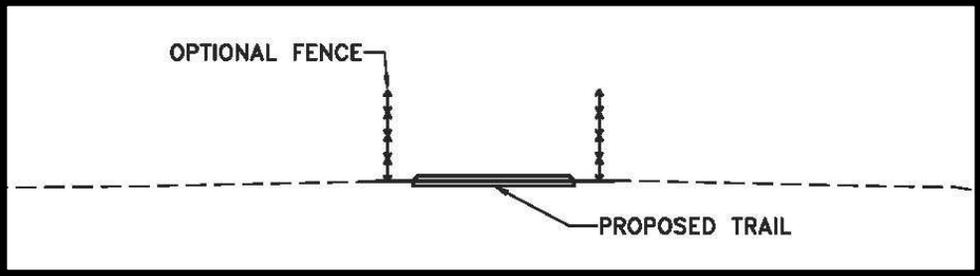
# Trail on Grade

Existing Daylight of Kingsbury Run



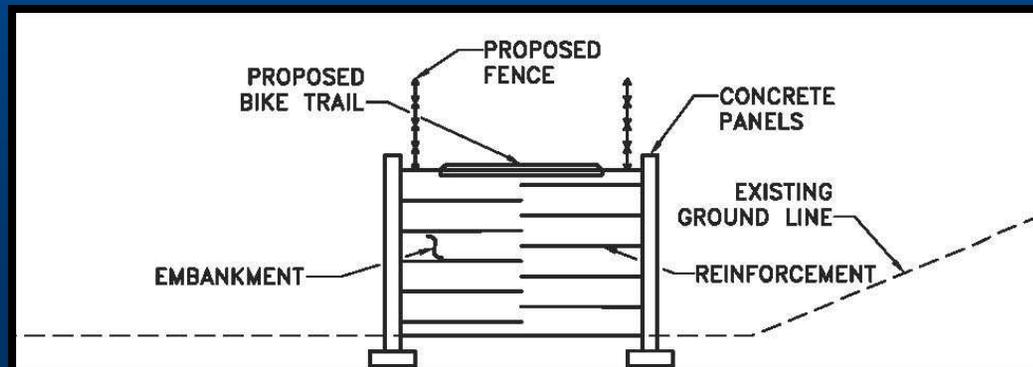
Proposed Trail – Cuyahoga Concrete Alignment at STA 11+00

Proposed Trail - Jefferson Avenue Alignment at STA 9+50



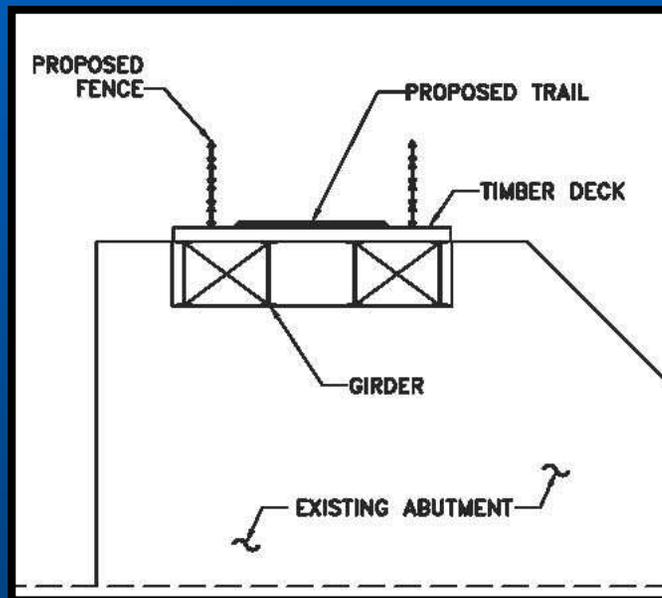
# Fenced Trail on Mechanically Stabilized Earth

Proposed Trail at  
STA 16+00



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# Fenced Trail on Girder Bridge

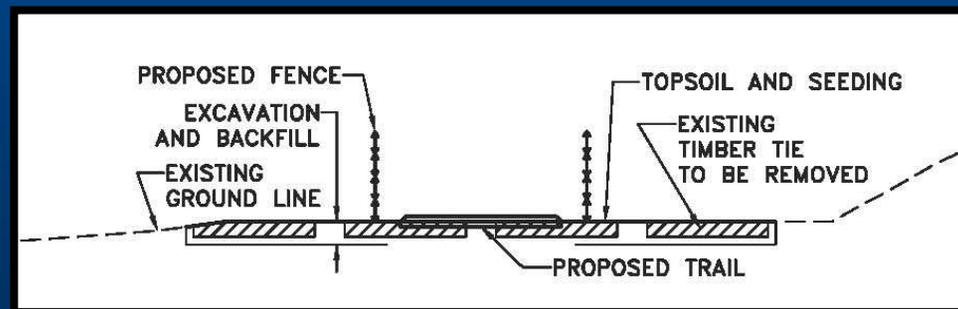


Proposed Trail at  
STA 19+00

# Fenced Trail on Grade with Tie Removal



Proposed Trail at  
STA 35+00

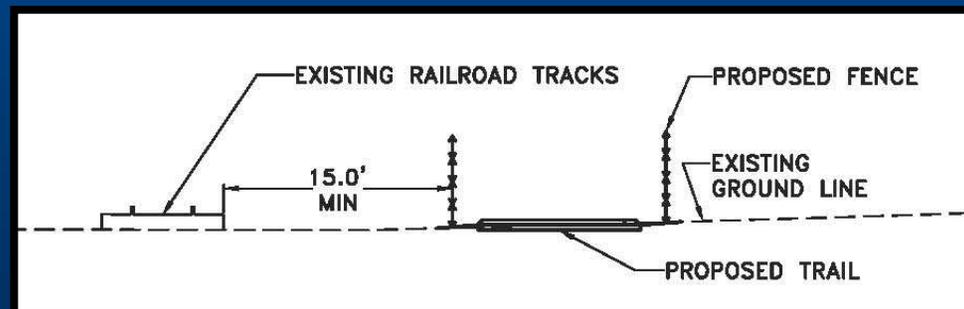


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# Fenced Trail on Grade Next to Railroad Tracks



← Proposed Trail at  
STA 48+00

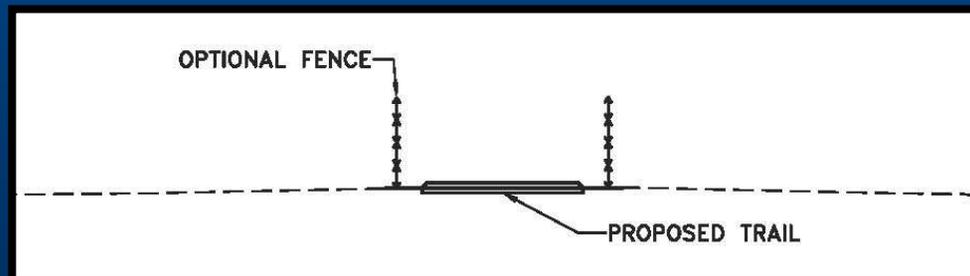


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# Trail on Grade



Proposed Trail – NS  
Bridge Alignment at  
STA 51+50

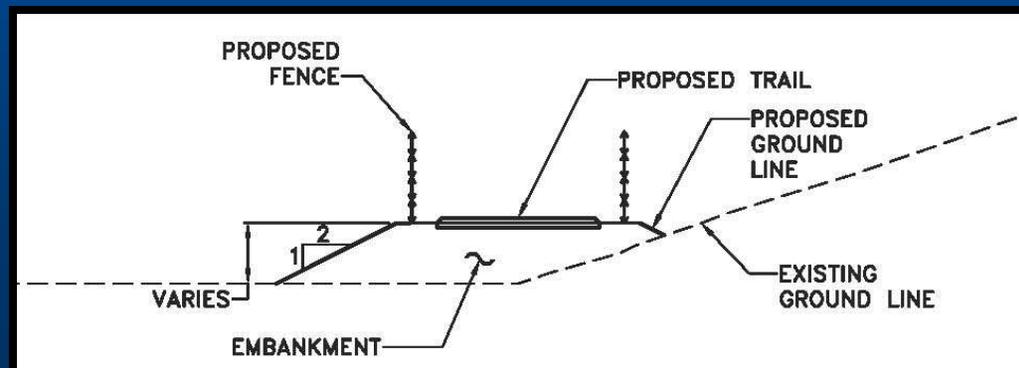


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# Fenced Trail on Embankment



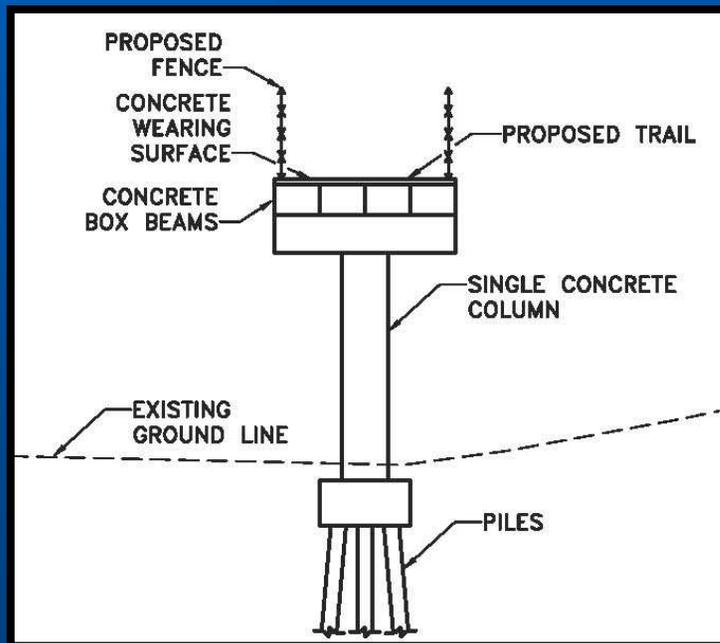
Proposed Trail – NS  
Bridge Alignment at  
STA 58+00



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# Fenced Trail at Pedestrian Bridge Pier

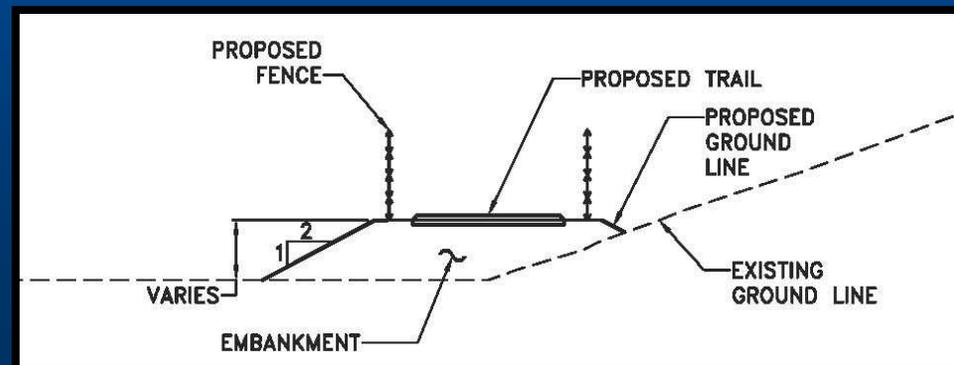
Proposed Trail – NS  
Bridge Alignment at  
STA 63+00



# Fenced Trail on Embankment



Proposed Trail – NS  
Bridge Alignment at  
STA 69+50

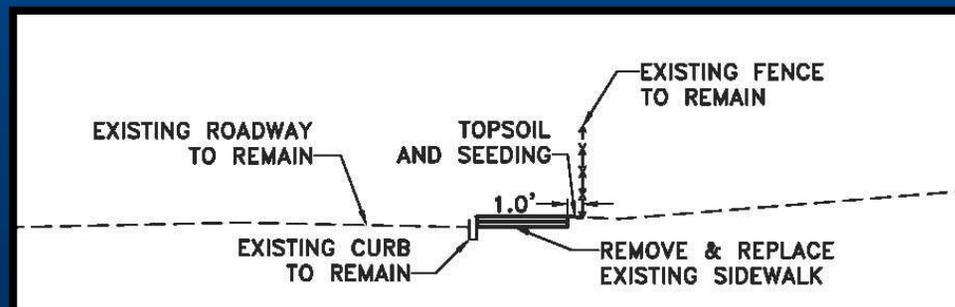


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# Trail on Existing Sidewalk



Proposed Trail – Iron Court Alignment at STA 50+50

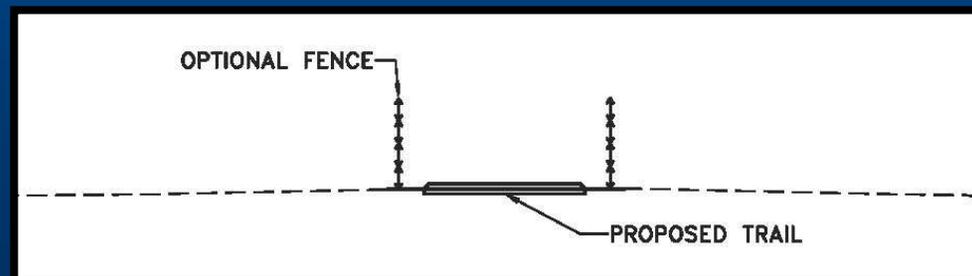


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# Trail on Grade



Proposed Trail – Iron Court Alignment at STA 59+50

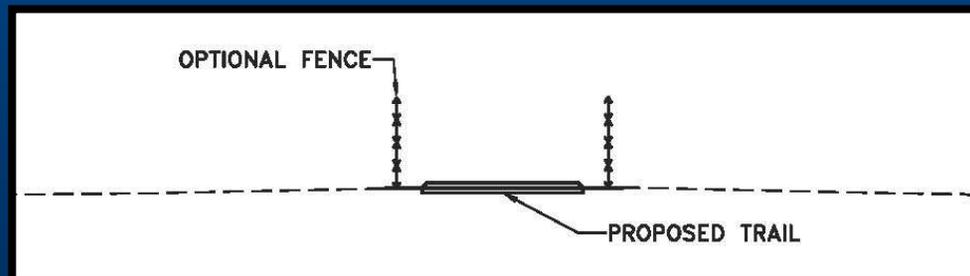


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# Trail on Grade



Proposed Trail – Baseline Alignment at STA 69+00

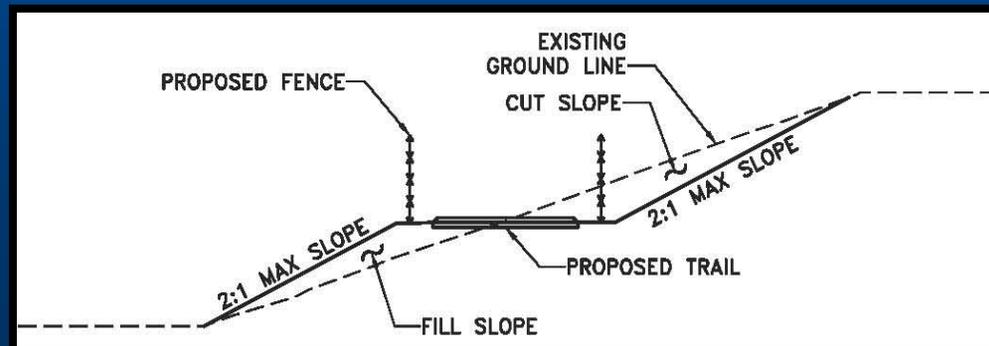


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# Fenced Trail on Grade at Minor Side Slope



Proposed Trail at  
STA 76+00

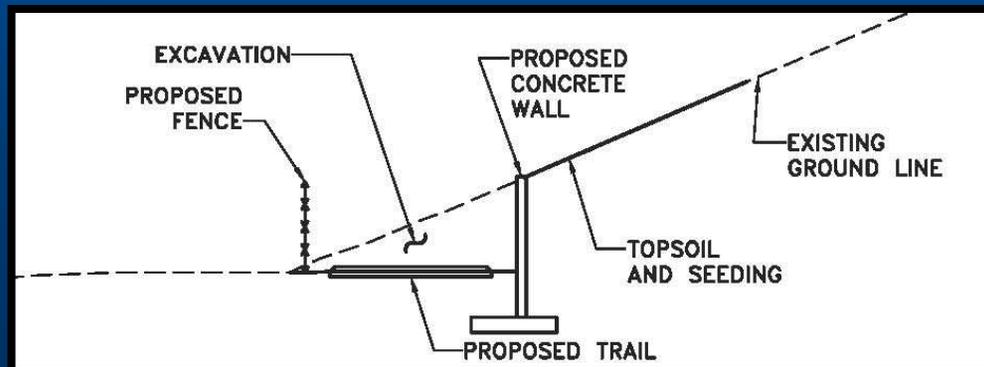


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# Fenced Trail on Grade with Concrete Wall



Proposed Trail at  
STA 80+00

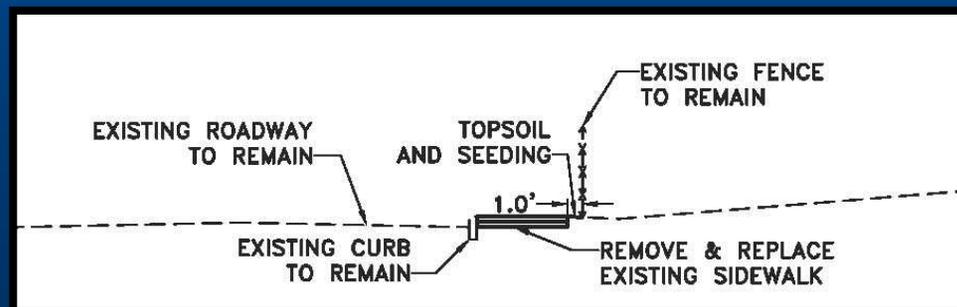


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# Trail on Existing Sidewalk

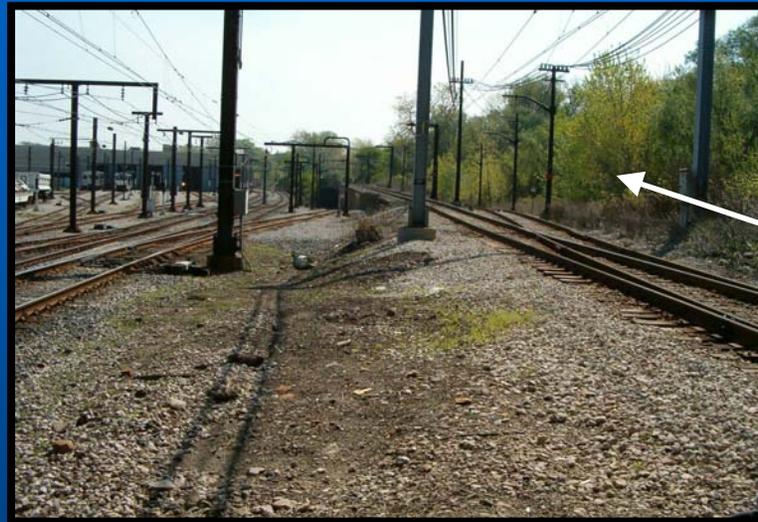


Proposed Trail at  
STA 88+50

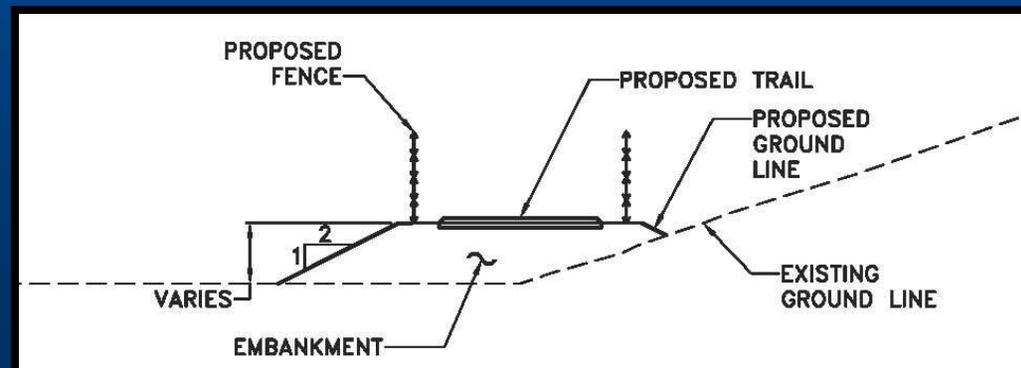


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# Fenced Trail on Embankment



Proposed Trail at  
STA 92+00

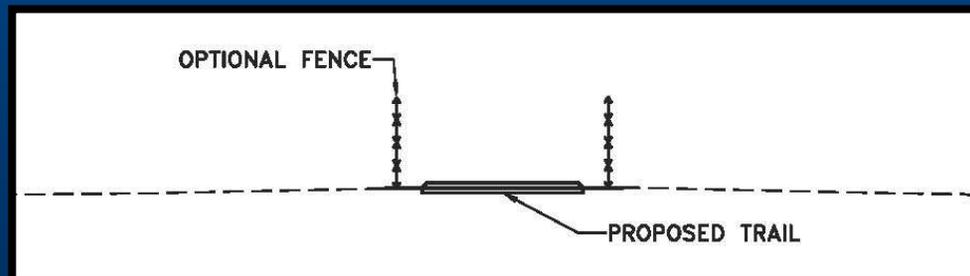


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# Trail on Grade



Proposed Trail at  
STA 94+00

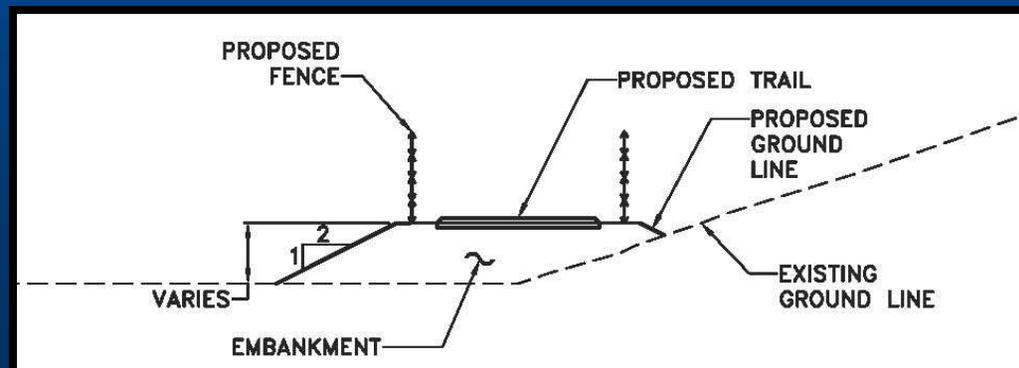


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# Fenced Trail on Embankment



Proposed Trail at  
STA 95+50

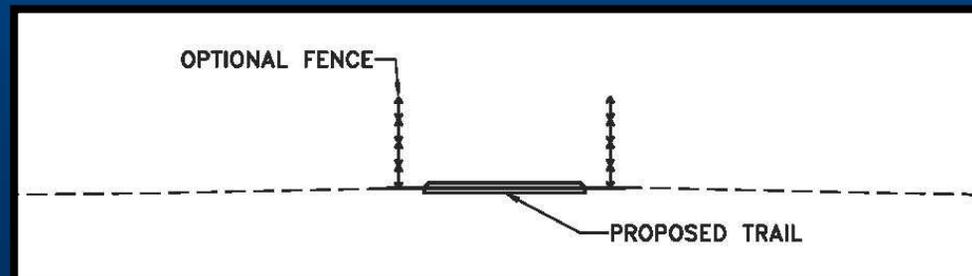


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# Trail on Grade



Proposed Trail at  
STA 104+00

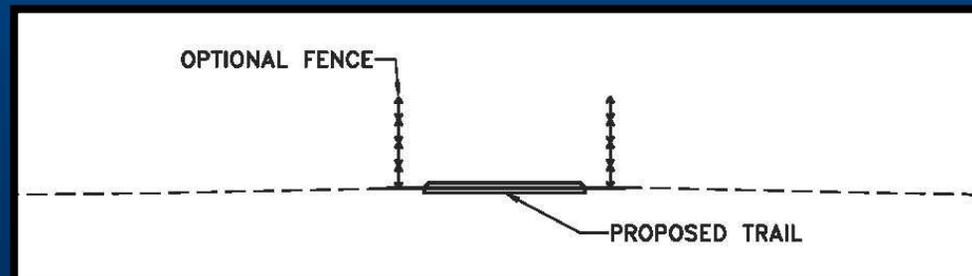


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# Trail on Grade



Proposed Trail at  
STA 114+50

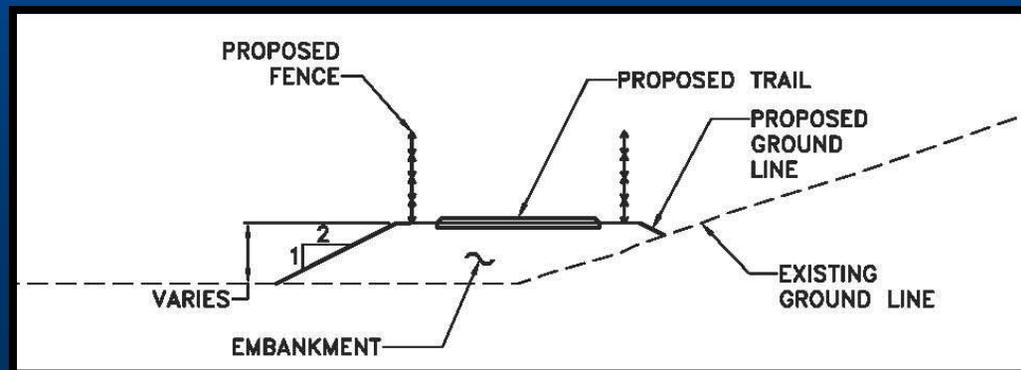


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# Fenced Trail on Embankment



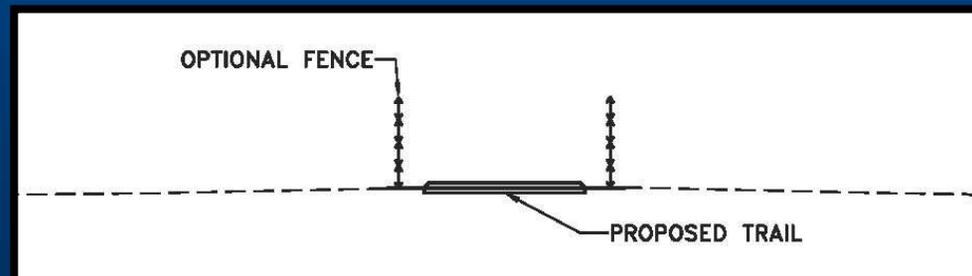
Proposed Trail at  
STA 119+00



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# Trail on Grade

Proposed Trail at  
STA 123+00

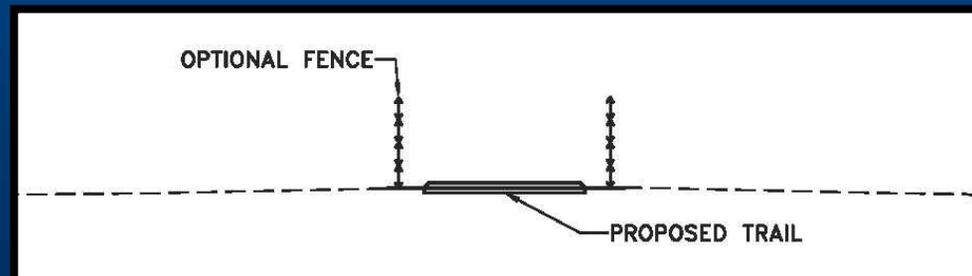


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# Trail on Grade



Proposed Trail at  
STA 133+00

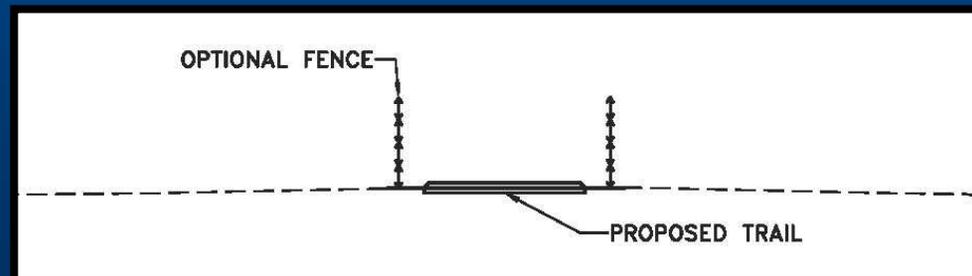


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# Trail on Grade



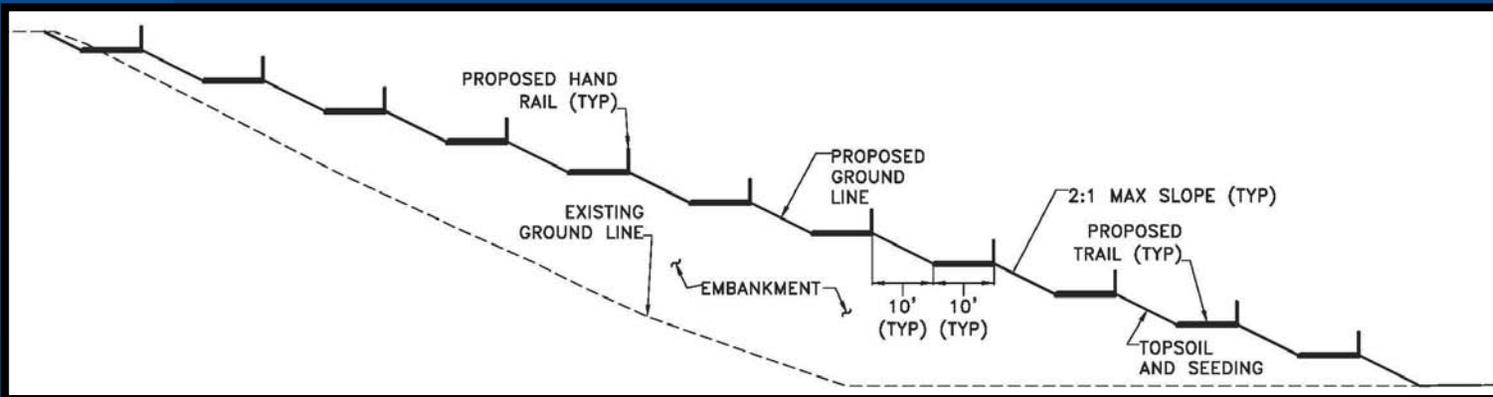
Proposed Trail at  
STA 146+00



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# Vertical Connector

Sidaway Bridge



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# Cost Estimate

- **Baseline Trail with Cuyahoga Concrete, Iron Court and No Sidaway Bridge Rehab** **4.16 million**
- **Baseline Trail with Cuyahoga Concrete, Iron Court and Sidaway Bridge Rehab** **5.22 million**
- **Baseline Trail with Jefferson Avenue, NS Bridge and No Sidaway Bridge Rehab** **6.57 million**
- **Baseline Trail with Jefferson Avenue, NS Bridge and Sidaway Bridge Rehab** **7.62 million**