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
- Sideway Bridge Report
- Sideway Bridge Estimate
Walk through

- Conceptual Alternatives
- Vertical Connector
- Cost Estimate
Fenced Trail on Jefferson Avenue Bridge

Proposed Trail - Jefferson Avenue Alignment at STA 4+50

Wilbur Smith Associates
Fenced Trail on Mechanically Stabilized Earth

Proposed Trail - Jefferson Avenue Alignment at STA 7+00

Wilbur Smith Associates
Proposed Trail – Cuyahoga Concrete Alignment at STA 7+00
Trail on Grade

- Proposed Trail – Cuyahoga Concrete Alignment at STA 11+00
- Proposed Trail - Jefferson Avenue Alignment at STA 9+50

Existing Daylight of Kingsbury Run
Fenced Trail on Mechanically Stabilized Earth

Proposed Trail at STA 16+00

Wilbur Smith Associates
Fenced Trail on Girder Bridge

Proposed Trail at STA 19+00

Wilbur Smith Associates
Fenced Trail on Grade with Tie Removal

Proposed Trail at STA 35+00

Wilbur Smith Associates
Fenced Trail on Grade Next to Railroad Tracks

Proposed Trail at STA 48+00

Wilbur Smith Associates
Proposed Trail – NS Bridge Alignment at STA 51+50

Wilbur Smith Associates
Fenced Trail on Embankment

Proposed Trail – NS Bridge Alignment at STA 58+00
Fenced Trail at Pedestrian Bridge Pier

Proposed Trail – NS Bridge Alignment at STA 63+00

Wilbur Smith Associates
Fenced Trail on Embankment

 Proposed Trail – NS Bridge Alignment at STA 69+50

Wilbur Smith Associates
Trail on Existing Sidewalk

Proposed Trail – Iron Court Alignment at STA 50+50
Proposed Trail – Iron Court Alignment at STA 59+50
Proposed Trail – Baseline Alignment at STA 69+00
Fenced Trail on Grade at Minor Side Slope

Proposed Trail at STA 76+00
Fenced Trail on Grade with Concrete Wall

Proposed Trail at STA 80+00

Wilbur Smith Associates
Trail on Existing Sidewalk

Proposed Trail at STA 88+50

Wilbur Smith Associates
Fenced Trail on Embankment

Proposed Trail at STA 92+00

Wilbur Smith Associates
Trail on Grade

Proposed Trail at STA 94+00

Wilbur Smith Associates
Fenced Trail on Embankment

Proposed Trail at STA 95+50
Trail on Grade

Proposed Trail at STA 104+00

Optional Fence

PROPOSED TRAIL

Wilbur Smith Associates
Trail on Grade

Proposed Trail at STA 114+50

Wilbur Smith Associates
Fenced Trail on Embankment

Proposed Trail at STA 119+00

Wilbur Smith Associates
Proposed Trail at STA 123+00

Wilbur Smith Associates
Proposed Trail at STA 133+00
Trail on Grade

Proposed Trail at STA 146+00

Wilbur Smith Associates
Sideway Bridge

Wilbur Smith Associates
Cost Estimate

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