Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013
GRADE PATH @ ODOT ROW

PERSPECTIVE #1

EX. SIGNED BIKE ROUTE

MATCH LINE - SHEET 1

MATCH LINE - SHEET 3

SCALE: 1" = 100'-0"

KEY

10' OFF-ROAD PATH

ON-STREET ROUTE - BIKE LANE / SHARROWS

ALTERNATE ROUTE

EXISTING CONDITIONS

Perspective #1 - East 48th North of Fleet

Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013
MAINTAIN 7’ CLEAR FROM TRACKS WHERE SIDING IS IN USE

FENCE IMPROVEMENTS @ INTERSTATE

CROSSING GATES AND TRAFFIC MATS AT SIDING-TRAIL INTERSECTION

FENCE BETWEEN DRIVE AND TRAIL

REMOVE RETAINING WALL, ADD GATE IN FENCE

EX. SIGNED BIKE ROUTE

SECTION AA

EX. PED BRIDGE

MATCH LINE - SHEET 2

MATCH LINE - SHEET 4

SCALE: 1” = 100’-0”
PERSPECTIVE #2

UNDERPASS IMPROVEMENTS.
ADD LIGHTING & CONNECT TO MORGANA RUN TRAIL

PERSPECTIVE #3

Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013

Sheet 4
EXTEND BRIDGE CULVERT TO ACCOMODATE TRAIL ABOVE UNDERPASS
Republic Office Building

ALT. ROUTE @ BROADWAY AVE. SHARROWS

ALT. ROUTE @ FUTURE MARGINAL ROAD

SCALE: 1" = 100' - 0"

KEY
- 10' OFF-ROAD PATH
- ON-STREET ROUTE - BIKE LANE / SHARROWS
- ALTERNATE ROUTE

Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013
Sheet 10
Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013

Perspective #4 - Broadway Trail North of Dille

Existing Conditions

CROSSWALK ENHANCEMENT

ALT. ROUTE @ BROADWAY AVE. SHARROWS

MATCH LINE - SHEET 11

MATCH LINE - SHEET 9

SCALE: 1" = 100'-0"

KEY

10’ OFF-ROAD PATH
ON-STREET ROUTE - BIKE LANE / SHARROWS
ALTERNATE ROUTE
**Slavic Village Downtown Link**

**Slavic Village Development**

**City of Cleveland, Ohio**

**November 10, 2010**

**A @ I-77**

**B @ I-490**

**C @ Kingsbury RR Spur**

**D @ RTA Tracks**

**Broadway Bridge Sections**

- **Widen Sidewalk on Bridge to Accommodate Path**
- **Reduce and Shift Lanes on Bridge**

**PERSPECTIVE #5**

**SECTION CC**

**MATCH LINE - SHEET 12**

**MATCH LINE - SHEET 10**

**SCALE: 1” = 100’-0”**

**KEY**

- **10’ OFF-ROAD PATH**
- **ON-STREET ROUTE - BIKE LANE / SHARROWS**
- **ALTERNATE ROUTE**

**Sheet 11**

**Downtown Connector Trail**

Washington Reservation Metropark to East 9th Street

Slavic Village Development / City of Cleveland

February, 2013
RAIL CROSSING IMPROVEMENTS

ALT. ROUTE SHARROWS

REMOVE RUBBLE BELOW BRIDGE

GRADE AND PAVE PATH

IMPROVE UNUSED RAIL BRIDGE FOR PATH USE. ADD FENCING AND PROTECTION BARRIER

SCALE: 1" = 100'-0"

KEY
10' OFF-ROAD PATH
ON-STREET ROUTE - BIKE LANE / SHARROWS
ALTERNATE ROUTE

Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013
**Sheet 14**

**Downtown Connector Trail**
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013

**MATCH LINE - SHEET 15**

**MATCH LINE - SHEET 13**

**KEY**
- 10’ OFF-ROAD PATH
- ON-STREET ROUTE - BIKE LANE / SHARROWS
- ALTERNATE ROUTE

**SECTION DD - E 34th Rapid Station**

**Pave Path and Add 6’ Fencing to Protect from Active Rail. Provide Access Gates for Maintenance.**

**Grade Path @ Slope & Add Segmented Retaining Wall.**

**Alt. Route Sharrsows**

**GCRTA R.O.W. Naturalized Vegetation**

**Norfolk & Southern Rail**

**GCRTA Roadway E 34th Rapid Station**

**Downtown Connector Trail**

**Washington Reservation Metropark to East 9th Street**

**Slavic Village Development / City of Cleveland**

**February, 2013**
10' PAVED PATH W/ 6' FENCING

10' OFF-ROAD PATH
ON-STREET ROUTE - BIKE LANE / SHARROWS
ALTERNATE ROUTE

MATCH LINE - SHEET 14

CROSSWALK ENHANCEMENT

NORFOLK & SOUTHERN RAIL

ALT. ROUTE @ POST OFFICE FRONTAGE GRADE & ADD RETAINING WALLS

US Post Office

MATCH LINE - SHEET 16

ALT. ROUTE @ FRONTAGE

CROSSWALK ENHANCEMENTS

Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013
Existing Conditions

Perspective #6 - Utilize Abandoned Railway Corridor

KEY

- 10’ OFF-ROAD PATH
- ON-STREET ROUTE - BIKE LANE / SHARROWS
- ALTERNATE ROUTE

SCALE: 1” = 100’-0”

MATCH LINE - SHEET 17

VIEW TO TERMINAL TOWER

VIEW TO RIVER

MAINTAIN 12’ MIN. CLEAR BELOW UTILITY BRIDGE

BROADWAY

US Post Office

IMPROVE RAIL BRIDGE OVER GCRTA TRACKS

UTILITY BRIDGE

NORFOLK & SOUTHERN RAIL

VIEW TO RIVER

PERSPECTIVE #6

Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013
Rail Corridor Ownership and Easements
Downtown Connector Trail
Washington Reservation Metropark to East 9th Street
Slavic Village Development / City of Cleveland
February, 2013
<table>
<thead>
<tr>
<th>Section - Item</th>
<th>Quantity</th>
<th>Unit</th>
<th>Unit Cost</th>
<th>Subtotal</th>
<th>Section Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Metropark Washington Reservation to Pershing Avenue</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Right-of-way Improvements</td>
<td>1,000</td>
<td>lf</td>
<td>$25.00</td>
<td>$25,000.00</td>
<td></td>
</tr>
<tr>
<td>Off-Road Grade / Pave 10’ Path</td>
<td>3,300</td>
<td>lf</td>
<td>$90.00</td>
<td>$297,000.00</td>
<td></td>
</tr>
<tr>
<td>Remove Rail / Pave 10’ Path</td>
<td>1,600</td>
<td>lf</td>
<td>$120.00</td>
<td>$192,000.00</td>
<td></td>
</tr>
<tr>
<td>Improve Fence along I-77</td>
<td>700</td>
<td>lf</td>
<td>$50.00</td>
<td>$35,000.00</td>
<td></td>
</tr>
<tr>
<td>6’ Fence at Job Ready Site</td>
<td>3,300</td>
<td>lf</td>
<td>$35.00</td>
<td>$115,500.00</td>
<td></td>
</tr>
<tr>
<td>Rework Concrete Retaining Wall</td>
<td>ls</td>
<td></td>
<td>$50,000.00</td>
<td>$50,000.00</td>
<td></td>
</tr>
<tr>
<td>Crosswalk Enhancements</td>
<td>2 each</td>
<td></td>
<td>$25,000.00</td>
<td>$50,000.00</td>
<td></td>
</tr>
<tr>
<td>Underpass Improvements @ I-77 E49</td>
<td>ls</td>
<td></td>
<td>$250,000.00</td>
<td>$250,000.00</td>
<td></td>
</tr>
<tr>
<td>Landscape Restoration</td>
<td>ls</td>
<td></td>
<td>$25,000.00</td>
<td>$25,000.00</td>
<td><strong>$1,039,500.00</strong></td>
</tr>
<tr>
<td><strong>Pershing Avenue to East 37th Rail Crossing</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Right-of-way Improvements</td>
<td>3,300</td>
<td>lf</td>
<td>$25.00</td>
<td>$82,500.00</td>
<td></td>
</tr>
<tr>
<td>Off-Road Trail-Grade / Pave 10’ Path</td>
<td>1,100</td>
<td>lf</td>
<td>$90.00</td>
<td>$99,000.00</td>
<td></td>
</tr>
<tr>
<td>Rail Crossing at E37th</td>
<td>ls</td>
<td></td>
<td>$250,000.00</td>
<td>$250,000.00</td>
<td></td>
</tr>
<tr>
<td>Czar Avenue Mill Overlook</td>
<td>ls</td>
<td></td>
<td>$150,000.00</td>
<td>$150,000.00</td>
<td></td>
</tr>
<tr>
<td>Crosswalk Enhancements</td>
<td>3 each</td>
<td></td>
<td>$25,000.00</td>
<td>$75,000.00</td>
<td></td>
</tr>
<tr>
<td>Broadway Bridge Improvements @ I-490</td>
<td>ls</td>
<td></td>
<td>$350,000.00</td>
<td>$350,000.00</td>
<td></td>
</tr>
<tr>
<td>Landscape Improvements at Broadway</td>
<td>ls</td>
<td></td>
<td>$35,000.00</td>
<td>$35,000.00</td>
<td><strong>$1,041,500.00</strong></td>
</tr>
<tr>
<td><strong>East 37th to East Ninth Street</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Off-Road Grade / Pave 10’ Path</td>
<td>200</td>
<td>lf</td>
<td>$90.00</td>
<td>$18,000.00</td>
<td></td>
</tr>
<tr>
<td>Remove Rubble / Grade / Pave</td>
<td>1,000</td>
<td>lf</td>
<td>$150.00</td>
<td>$150,000.00</td>
<td></td>
</tr>
<tr>
<td>Pave 10’ Path</td>
<td>6,000</td>
<td>lf</td>
<td>$75.00</td>
<td>$450,000.00</td>
<td></td>
</tr>
<tr>
<td>Grade / Pave 6’ Connector Path</td>
<td>500</td>
<td>lf</td>
<td>$75.00</td>
<td>$37,500.00</td>
<td></td>
</tr>
<tr>
<td>Rail Bridge Improvements</td>
<td>630</td>
<td>lf</td>
<td>$500.00</td>
<td>$325,000.00</td>
<td></td>
</tr>
<tr>
<td>6’ Protection Fence at Active Rail</td>
<td>9,100</td>
<td>lf</td>
<td>$40.00</td>
<td>$364,000.00</td>
<td></td>
</tr>
<tr>
<td>Segmented Retaining Wall</td>
<td>100</td>
<td>lf</td>
<td>$250.00</td>
<td>$25,000.00</td>
<td></td>
</tr>
<tr>
<td>Crosswalk Enhancements</td>
<td>3 each</td>
<td></td>
<td>$25,000.00</td>
<td>$75,000.00</td>
<td></td>
</tr>
<tr>
<td>Landscape Improvements</td>
<td>ls</td>
<td></td>
<td>$150,000.00</td>
<td>$150,000.00</td>
<td><strong>$1,594,500.00</strong></td>
</tr>
<tr>
<td><strong>Downtown Connector Trail Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$3,675,500.00</strong></td>
</tr>
</tbody>
</table>

Contingency (10%) | **$367,550.00** |
Design and Engineering (10%) | **$367,550.00** |
Total Budget including Engineering | **$4,410,600.00** |