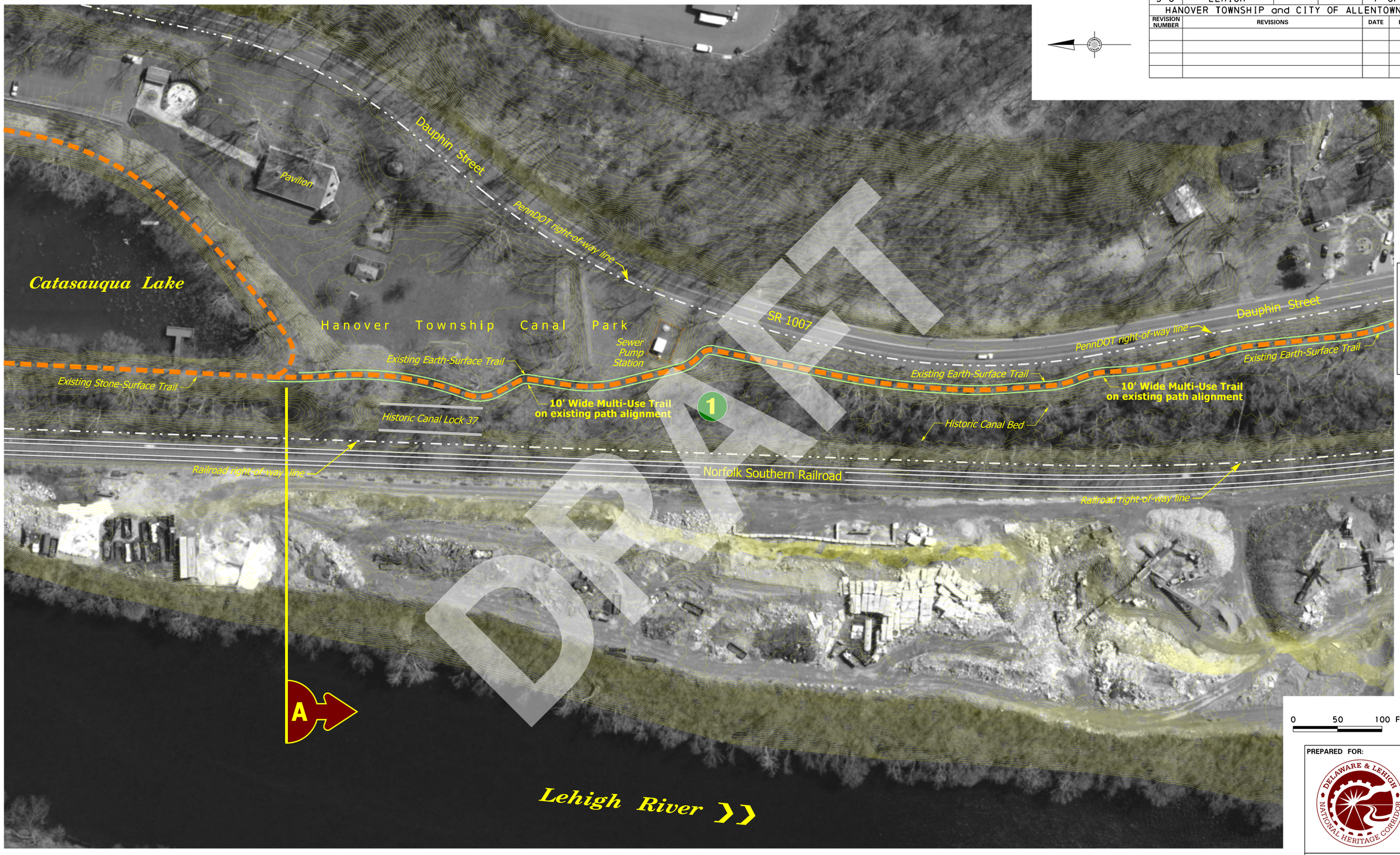
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	1 OF 7
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY



DRAFT

MATCH SHEET 2

0 50 100 FT.

Parcel: (1) owner: Township of Hanover

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

Conceptual Plan - D&L Trail - Allentown East Feasibility Study

PREPARED FOR:
DELAWARE & LEHIGH NATIONAL HERITAGE CORRIDOR

PREPARED BY:
Michael Baker INTERNATIONAL
645 WEST HAMILTON STREET, SUITE 206
ALLENTOWN, PA 18101
T: 484-781-6300 • MBAKERINTL.COM

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	2 OF 7
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY

MATCH SHEET 1

MATCH SHEET 3

DRAFT

Dauphin Street
PennDOT right-of-way line
Existing Earth-Surface Trail
10' Wide Multi-Use Trail on existing path alignment
Historic Canal Bed
1
Norfolk Southern Railroad
Railroad right-of-way line
PennDOT limited access right-of-way line
SR 0022
US 22
PennDOT aerial easement
SR 1007
Existing Earth-Surface Trail
10' Wide Multi-Use Trail on existing path alignment
10' Wide Multi-Use Trail
Guiderail
PennDOT right-of-way line
Dauphin Street
Guiderail
Historic Canal Bed
2
Norfolk Southern Railroad
Railroad right-of-way line
A B
SR 0022
Lehigh River

0 50 100 FT.

Parcels: (1) owner: Township of Hanover
(2) owner: Township of Hanover

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

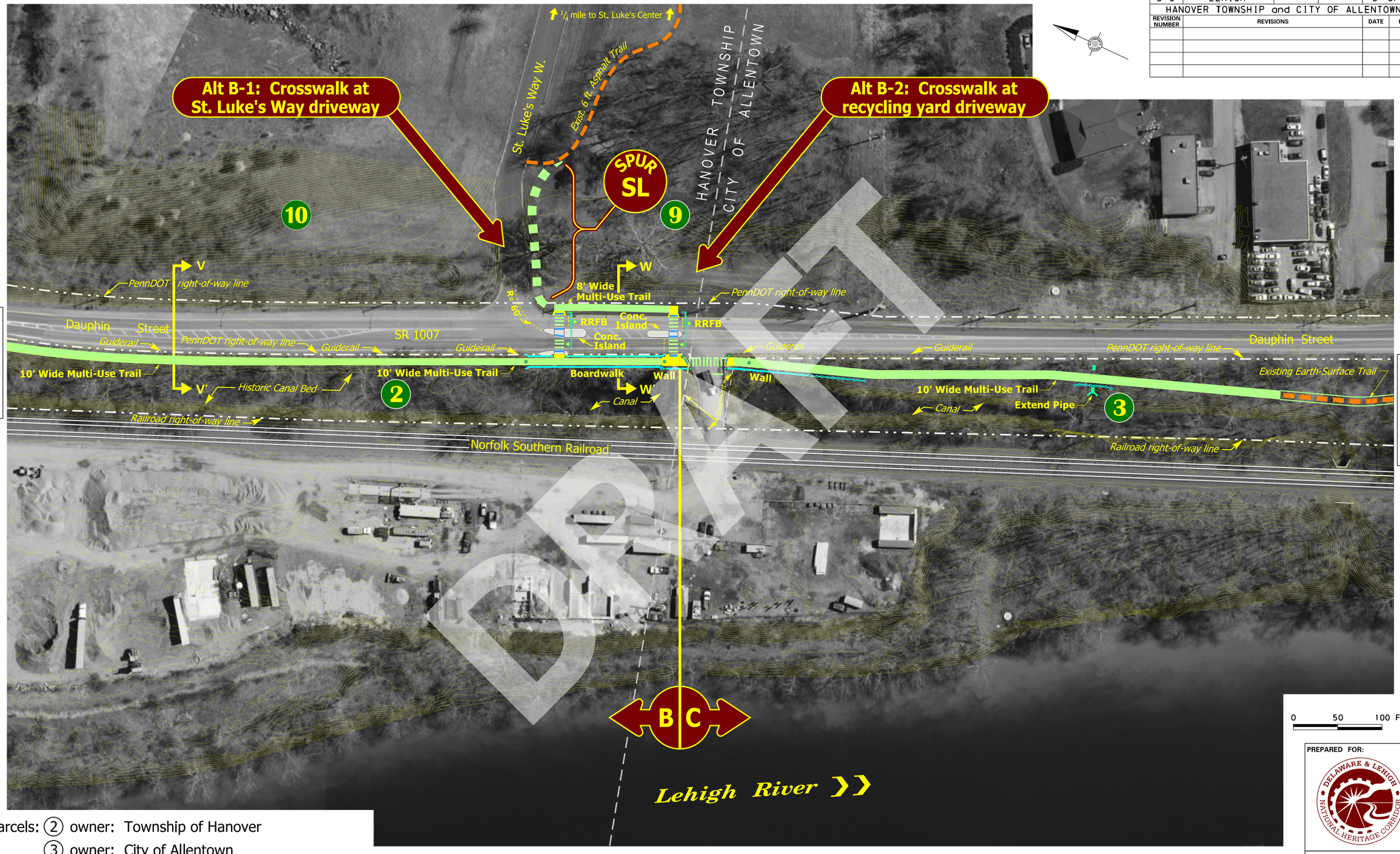
Conceptual Plan - D&L Trail - Allentown East Feasibility Study

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	3 OF 7
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY



DRAFT

Parcels: ② owner: Township of Hanover
③ owner: City of Allentown
⑨ owner: Patriot American Parkway LP
⑩ owner: Exeter 1108 American Land LLC

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

Conceptual Plan - D&L Trail - Allentown East Feasibility Study

PREPARED FOR: Delaware & Lehigh National Heritage Corridor

PREPARED BY:
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	4 OF 7
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY

MATCH SHEET 3

MATCH SHEET 5

Allentown Drive

Install 10' Wide Trail and Guiderail within parking lot

SR 1007

Dauphin Street

PennDOT right-of-way line

Existing Earth-Surface Trail

Fence

Kiosk

10' Wide Multi-Use Trail on existing path alignment

Canal

Railroad right-of-way line

Kimmet's Landing Park

Remove Pavement

Guiderail

Exist. Edge of Parking Area

10' Wide Multi-Use Trail

Ramp

Norfolk Southern Railroad

Lehigh River

American Parkway

4

PennDOT right-of-way line

11.5'

9.0'

Guiderail

Wall

Headwall

Swale

Pole

Proposed Culvert

10' Wide Multi-Use Trail

Boat Launch

Historic Stone wall of Lock 39

Historic Towpath Alignment

3

Guiderail

Alt. E-1

E-2

C D

D E

0 50 100 FT.

Parcels: (3) owner: City of Allentown
(4) owner: City of Allentown

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

Conceptual Plan - D&L Trail - Allentown East Feasibility Study

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	5 OF 7
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY

MATCH SHEET 4

MATCH SHEET 6

Alternate E-1

Future Spur to Coca-Cola Park: see sheet CC-1

Potential 5 ft Conc. Sidewalk to Union Blvd. (by others)

Reallocate Bradford Street Cartway from Dauphin Street to Tilghman Street bridge: 8' Trail / Guiderail / 9 to 11' travel lane Add street lights to utility poles

Alternate E-2

Reconfigure/Extend Stormwater Basin and Drainage Pipes (Alt. E-2)

N. Bradford Street

American Parkway

Long Drive

Dauphin Street

SR 1007

Improve Signalized Intersection

Signal Fdn.

Crosswalk

Guiderail

PennDOT right-of-way line

9.0' Guiderail

Wall

Swale

Util Pole

Culvert (Alt. E-2)

10' Multi-Use Trail

Railroad right-of-way line

Railroad Signal Cabinets

Stormwater Basin

18.0' Cartway

Curb

Type 31S

12' travel lane

2W Guiderail

Add Street Light to exist. utility pole (typ.)

Railroad r-o-w line

Bradford Street

8' wide Trail

9 to 11' Travel Lane

Street right-of-way line

varies 18 to 20 ft.

Norfolk Southern Railroad

Historic Towpath Alignment

E F

Lehigh River

DRAFT

0 50 100 FT.

Parcels: (3) owner: City of Allentown
(4) owner: City of Allentown

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

Conceptual Plan - D&L Trail - Allentown East Feasibility Study

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	6 OF 7
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY

MATCH SHEET 5

MATCH SHEET 7

Long Drive

SR 1007

Dauphin Street

Union Boulevard

Reallocate Bradford Street Cartway from Dauphin Street to Tilghman Street bridge: 8' Trail / Guiderail / 9 to 11' travel lane Add street lights to utility poles

Reallocate Bradford Street Cartway from Tilghman Street bridge to Allen Street: 10' Trail / Guiderail / 12' travel lane Add street lights to utility poles

alignment of former connector road (no longer viable)

varies 18 to 20 ft.

Bradford Street

Street right-of-way line

2W Guiderail

8' wide Trail

9 to 11' Travel Lane

Railroad right-of-way line

Norfolk Southern Railroad

Add Street Light to exist. utility pole (typ.)

26.0'

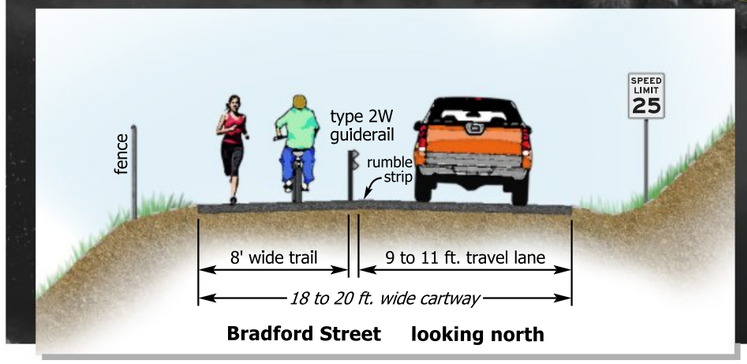
12' Travel Lane

10' wide Trail

Tilghman Street

F

Lehigh River



Bradford Street looking north

0 50 100 FT.

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

Conceptual Plan - D&L Trail - Allentown East Feasibility Study

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DRAFT

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	7 OF 7
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY

Reallocate Bradford Street Cartway from Tilghman Street bridge to Allen Street: 10' Trail / Guiderail / 12' travel lane Add street lights to utility poles

Lane shift per 25 mph speed limit

Lane shift per 25 mph speed limit

Carlisle Street

Mulberry Street

Allen Street

Liberty Street

Bradford Street

OVERLOOK PARK

BEGIN ONE WAY

STOP

MAY USE FULL LANE

AHEAD

24.0'

27.0'

26.0'

34.0'

26 ft.

4 ft. conc sidewalk and 6" curb

Curb

Fence

RRFB [4]

ADA Parking Space

Existing Trail

Railroad right-of-way line

Norfolk Southern Railroad

Add Street Light to exist. utility pole (typ.)

Street right-of-way line

2W Guiderail

4" white

4" yellow pavt markings

Guiderail

12' Travel Lane

10' wide Trail

Railroad right-of-way line

Bradford Street

Norfolk Southern Railroad

Sharrow (typ.)

private road

Bradford St. bw Allen St and Liberty St. Widen roadway to 26 feet width Two 9' travel lanes and 8' parking lane Add street lights to utility poles

Bradford Street at existing trail Provide crosswalk, signage and Pushbutton-actuated RRFB signal

Lehigh River

ADAMS ISLAND

F G G H H

MATCH SHEET 6

0 50 100 FT.

PREPARED FOR:

DELAWARE & LEHIGH NATIONAL HERITAGE CORRIDOR

PREPARED BY:

Michael Baker INTERNATIONAL

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Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

Conceptual Plan - D&L Trail - Allentown East Feasibility Study

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	CC2
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY

MATCH SHEET CC1

N. Bradford Street

10' Multi-Use Trail

Fence

Guiderail

10' Multi-Use Trail

Guiderail

Remove Pavt

Re-align Intersection

7

Guiderail

Wall

Bicycle Wheel Runnels

Wall

Sidewalk

Conc. Stairs

Long Drive

Home Run Lane

Bus Parking Lane

10' Multi-Use Trail

Fence

Fence

Sidewalk

Bus Parking Lane

Fence

8

Iron Pigs Way

Iron Pigs Way

Home Run Lane

Sidewalk

Bus Parking Lane

Conc. Stairs

ALTERNATE: SWITCHBACK RAMP

DRAFT

Coca-Cola Park Trail

0 50 100 FT.



Bicycle Wheel Runnel
Retrofit to existing stairs

Parcels:
(7) owner: Executive Education Academy Charter School Foundation
(8) owner: County of Lehigh

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	LEHIGH	----	---	CC1
HANOVER TOWNSHIP and CITY OF ALLENTOWN				

REVISION NUMBER	REVISIONS	DATE	BY

MATCH SHEET 5

MATCH SHEET 6

Lehigh River

Norfolk Southern Railroad

Bradford Street

Right-of-way line

Wall

Stormwater Basin

Dauphin Street

Crosswalks

R=30' Curb

Remove Pavt

13' travel lane

13'

5

6

Curb and Guiderail

8' Multi-Use Trail

PennDOT right-of-way line

N. Bradford Street

SR-1007

Curb

Trail width taper

10' Multi-Use Trail

Separation

10'

Long Drive

Fence

Guiderail

6 ft. Conc. Walkway

Tie into

Existing 6 ft. conc. walkway

Executive Education Academy Charter School

7

Retaining Walls

Crosswalk

10' Multi-Use Trail Profile Grade = 10.5%

Dauphin St.

N. Bradford St.

Constr. Easement and Slope Easement

98 ft. Span

ALTERNATE: TRAIL BRIDGE OVER DAUPHIN STREET

MATCH SHEET CC2

0 50 100 FT.

Coca-Cola Park Trail

Parcels:

(5) owner: Tiger Den Partners II LLC c/o J. G. Petrucci Co. Inc.

(6) owner: Foster, Edward R.

(7) owner: Executive Education Academy Charter School Foundation

Topography derived from 2016 Allentown LiDAR data and from 2008 PAMAP LiDAR data
Contour Interval = 1 foot

Conceptual Plan - D&L Trail - Allentown East Feasibility Study

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