

Olivencia, Mildred

From: rwaters0424@gmail.com
Sent: Wednesday, July 08, 2015 3:01 PM
To: Olivencia, Mildred
Cc: Torres-Rojas, Genara; Van Duyne, Sheree; Ng, Danny
Subject: Freedom of Information Online Request Form

Information:

First Name: Rachael
Last Name: Waters
Company: LRM
Mailing Address 1: 960 Goloid Church Rd
Mailing Address 2:
City: Sylvania
State: GA
Zip Code: 30467
Email Address: rwaters0424@gmail.com
Phone: 912-225-0175
Required copies of the records: No

List of specific record(s):

I am requesting the most recent maps that identify the proposed and existing alignments throughout the following project: 950177 Union County Route 19, Interchange at Route I-278 Please note: PDE maps, public hearing maps, aerial maps, schematics, roll plots, concept plans or any other type of document that will show the proposed and existing alignments will suffice. I am not seeking all of these documents, just one of the most recent. I prefer to have the documents emailed to me, if possible. If not, please mail them to me on a CD. Please let me know if you need any additional information.

THE PORT AUTHORITY OF NY & NJ

FOI Administrator

July 31, 2015

Ms. Rachael Waters
LRM
960 Goloid Church Rd
Sylvania, GA 30467

Re: Freedom of Information Reference No. 16144

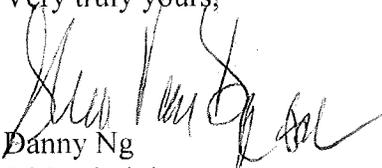
Dear Ms. Waters:

This is in response to your July 8, 2015 request, which has been processed under the Port Authority's Freedom of Information Code (the "Code", copy enclosed) for a copies of the most recent maps that identify the proposed and existing alignments throughout the following project: 950177 Union County Route 19, Interchange at Route I-278. Please note: PDE maps, public hearing maps, aerial maps, schematics, roll plots, concept plans or any other type of document that will show the proposed and existing alignments will suffice.

Material responsive to your request and available under the Code can be found on the Port Authority's website at <http://www.panynj.gov/corporate-information/foi/16144-O.pdf>. Paper copies of the available records are available upon request.

Please refer to the above FOI reference number in any future correspondence relating to your request.

Very truly yours,



Danny Ng
FOI Administrator

Enclosure

*4 World Trade Center, 18th Floor
150 Greenwich Street
New York, NY 10007
T: 212 435 7348 F: 212 435 7555*

Goethals Bridge Interchange Ramps (U.S. Route 1&9 and I-278 Interchange)

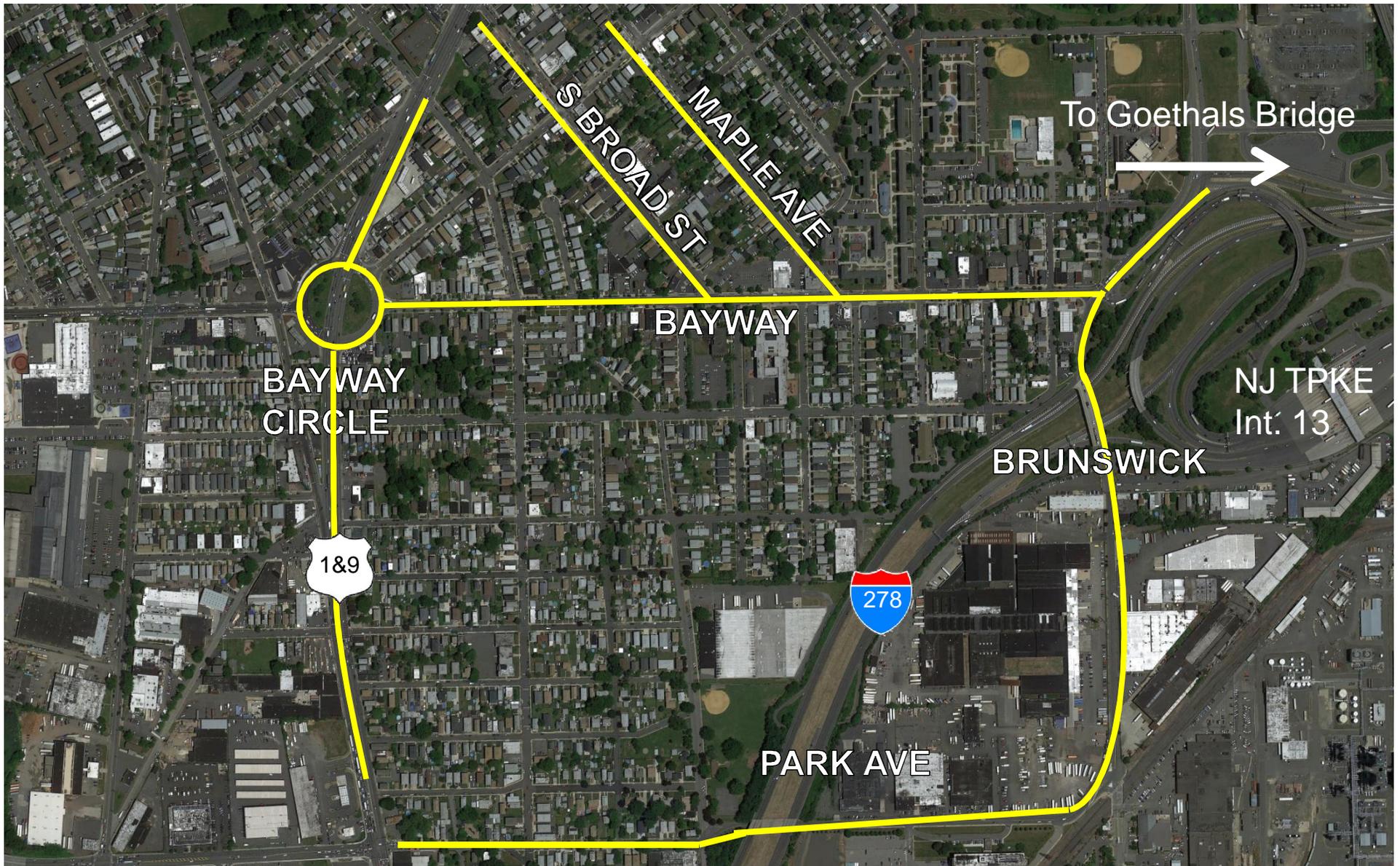


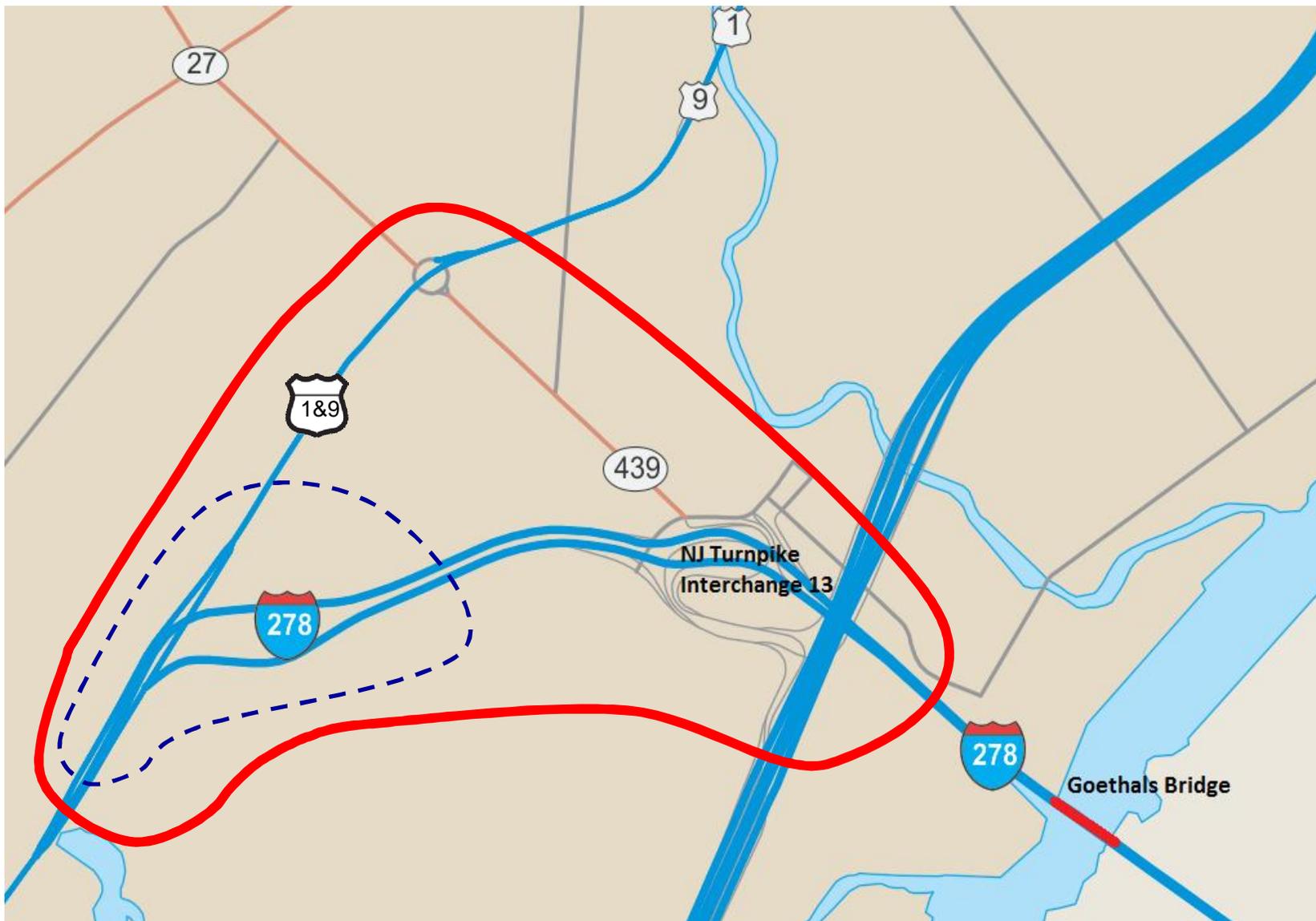
**PARSONS
BRINCKERHOFF**

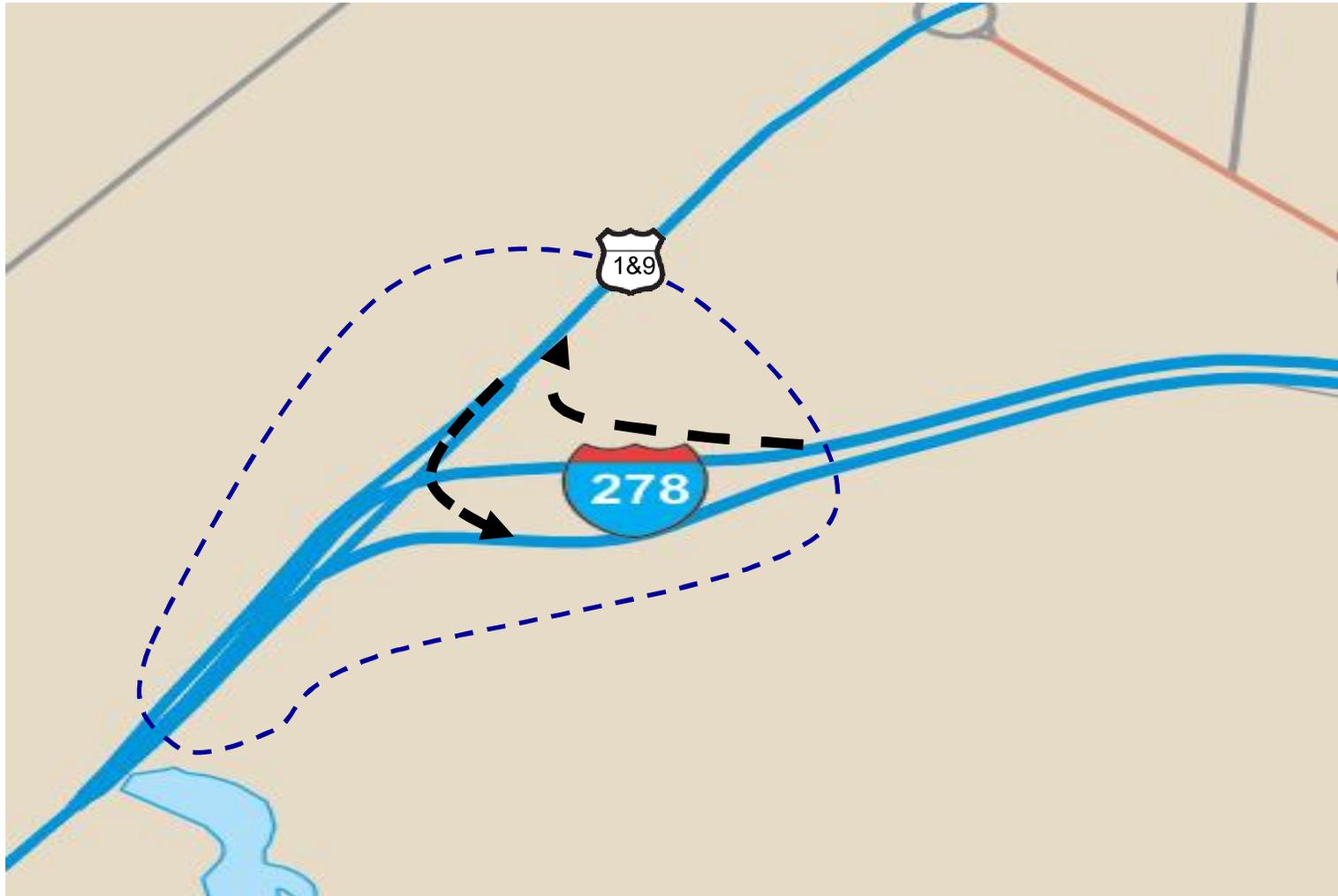
October 27, 2014

THE PORT AUTHORITY OF NY & NJ

Current Traffic Flow







Project Updates Since Last Public Meeting

- Continued Outreach (Website, Technical Advisory Committee, etc.)
- Transportation Demand Model
- Traffic Volumes & Analysis
- Wetland Delineation
- Preparation of Draft Reports
- Field Survey
- Workshops with NJDOT and Federal Highway Administration
- Development of Alternatives
- Screening Analysis

Technical Advisory Committee Membership

- FHWA
- NJDOT
- NJDEP
- Union County
- City of Linden
- City of Elizabeth
- NJTPA
- NJTA
- US EPA
- NJ Historic Preservation Office

TDM and Traffic Volumes

- Updated Network Elements
 - Ramp bottleneck on Newark Bay Hudson County Extension (exit 14A) removed
 - New truck model used to yield better results on local streets
 - Calibrated the base model to updated 2010 employment data
- No-Build Traffic Volumes
- Build Traffic Volumes

Traffic Volumes (Peak Hour)

Roadway	2010 Existing Volumes (vph)		2040 No Build Volumes (vph)		2040 Build Volumes (vph)	
	AM	PM	AM	PM	AM	PM
I-278 Westbound	880	1103	960	1300	1280	1695
I-278 Eastbound	1085	858	1510	1150	1855	1400
Route 1&9 NB btw I-278 & Bayway Circle	1265	1593	1440	2040	1940	2430
Route 1&9 SB btw I-278 & Bayway Circle	1143	1507	1350	1590	1885	1990
Route 1&9 NB north of Bayway Circle	1659	1986	1960	2240	1895	2175
Route 1&9 SB north of Bayway Circle	1401	2041	1700	2470	1560	2345
Bayway Ave WB	429	403	485	465	265	215
Bayway Ave EB	520	588	620	685	405	490
Ramp I-278 WB to 1&9 NB	---	---	---	---	340	400
Ramp 1&9 SB to I-278 EB	---	---	---	---	560	330

Alternatives Development

- FHWA/NJDOT Standards
- Traffic
- Right of Way
- Access
- Drainage
- Utilities
- Constructability
- Environmental
- Cost
- Develop full range of alternatives

Alternatives Screening Results

- 13 Concepts developed
- 4 Concepts were not advanced due to fatal flaws
- 9 Concepts advanced

Alternatives Screening (Tier 1)

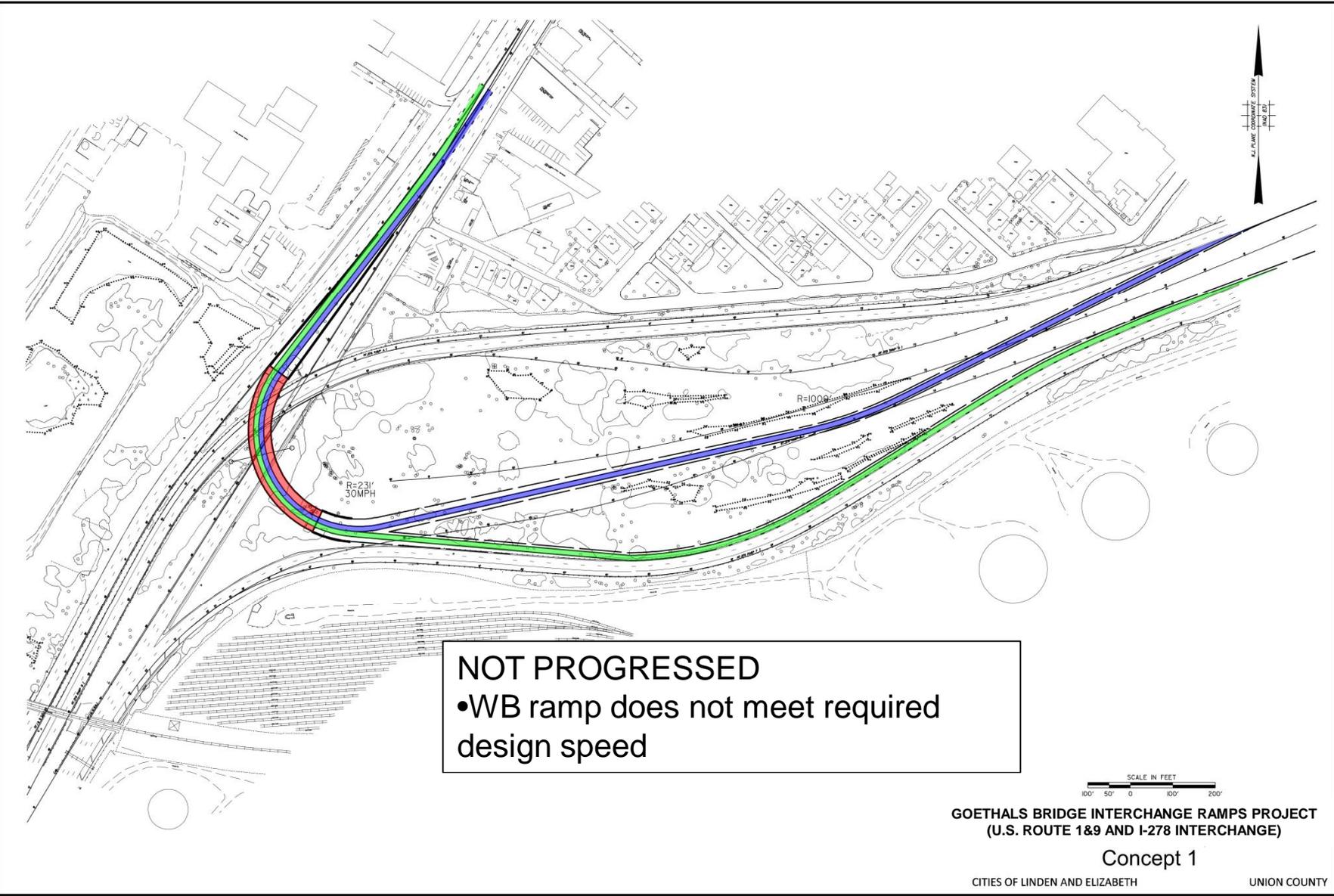
- Full and direct ramp connections
- Integrates within transportation network
- Has independent utility
- Meets design standards
- Sufficient capacity
- Safe operation with mixed traffic
- Diverts traffic from local roadways

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NOT PROGRESSED
•WB ramp does not meet required design speed

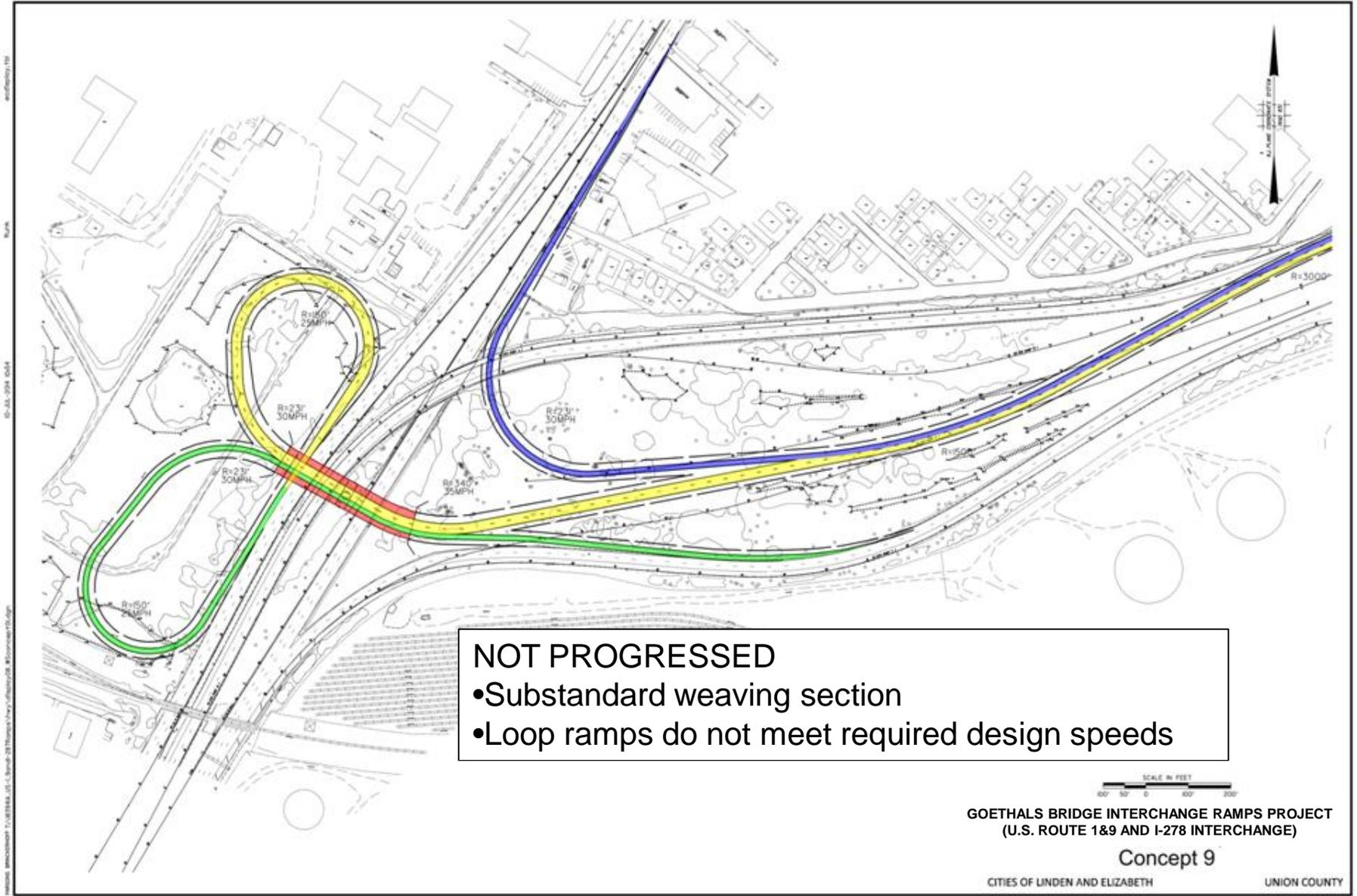


GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
(U.S. ROUTE 1&9 AND I-278 INTERCHANGE)

Concept 1

CITIES OF LINDEN AND ELIZABETH

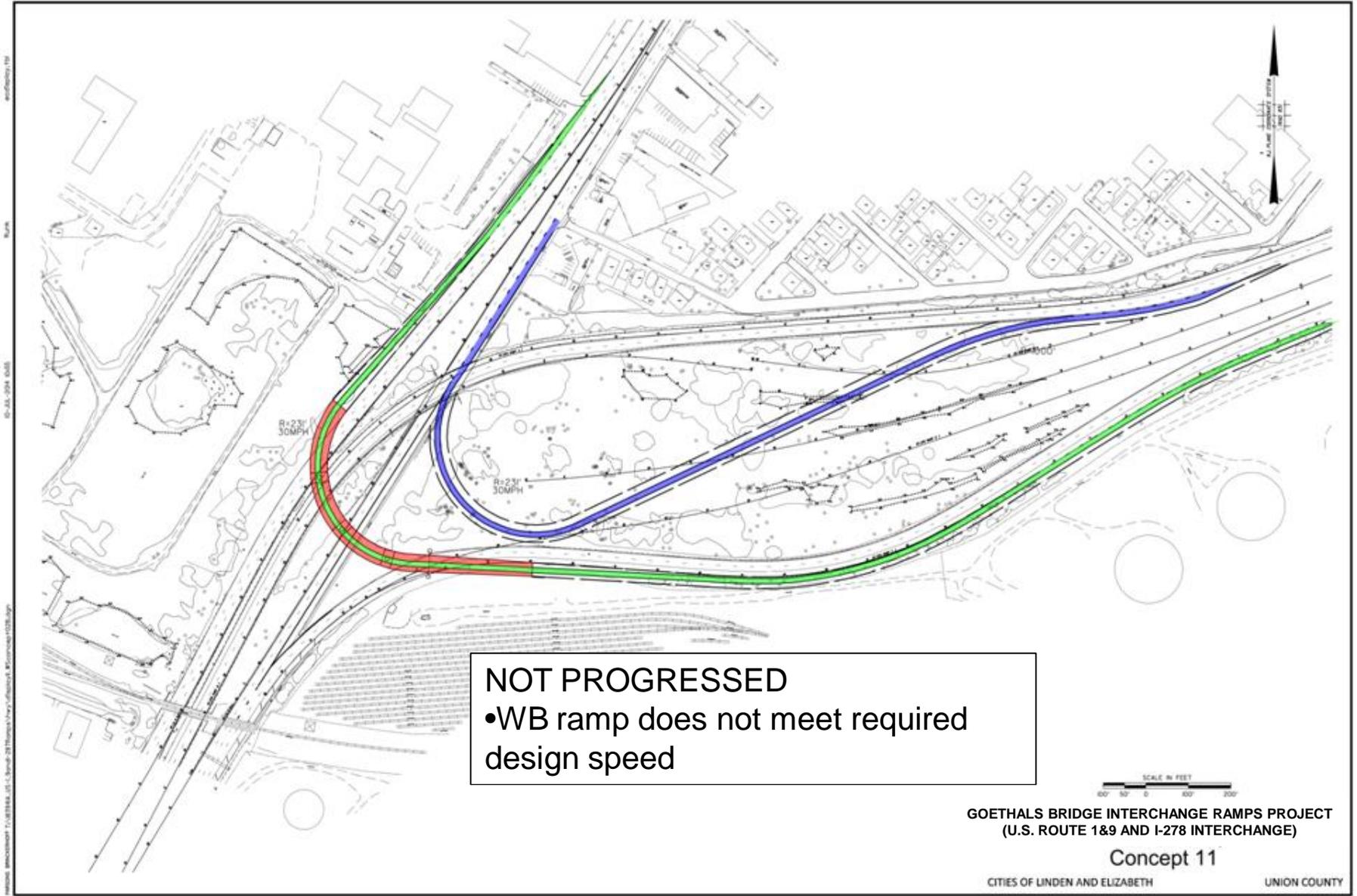
UNION COUNTY



NOT PROGRESSED

- Substandard weaving section
- Loop ramps do not meet required design speeds

GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
 (U.S. ROUTE 1&9 AND I-278 INTERCHANGE)
Concept 9
 CITIES OF LINDEN AND ELIZABETH UNION COUNTY

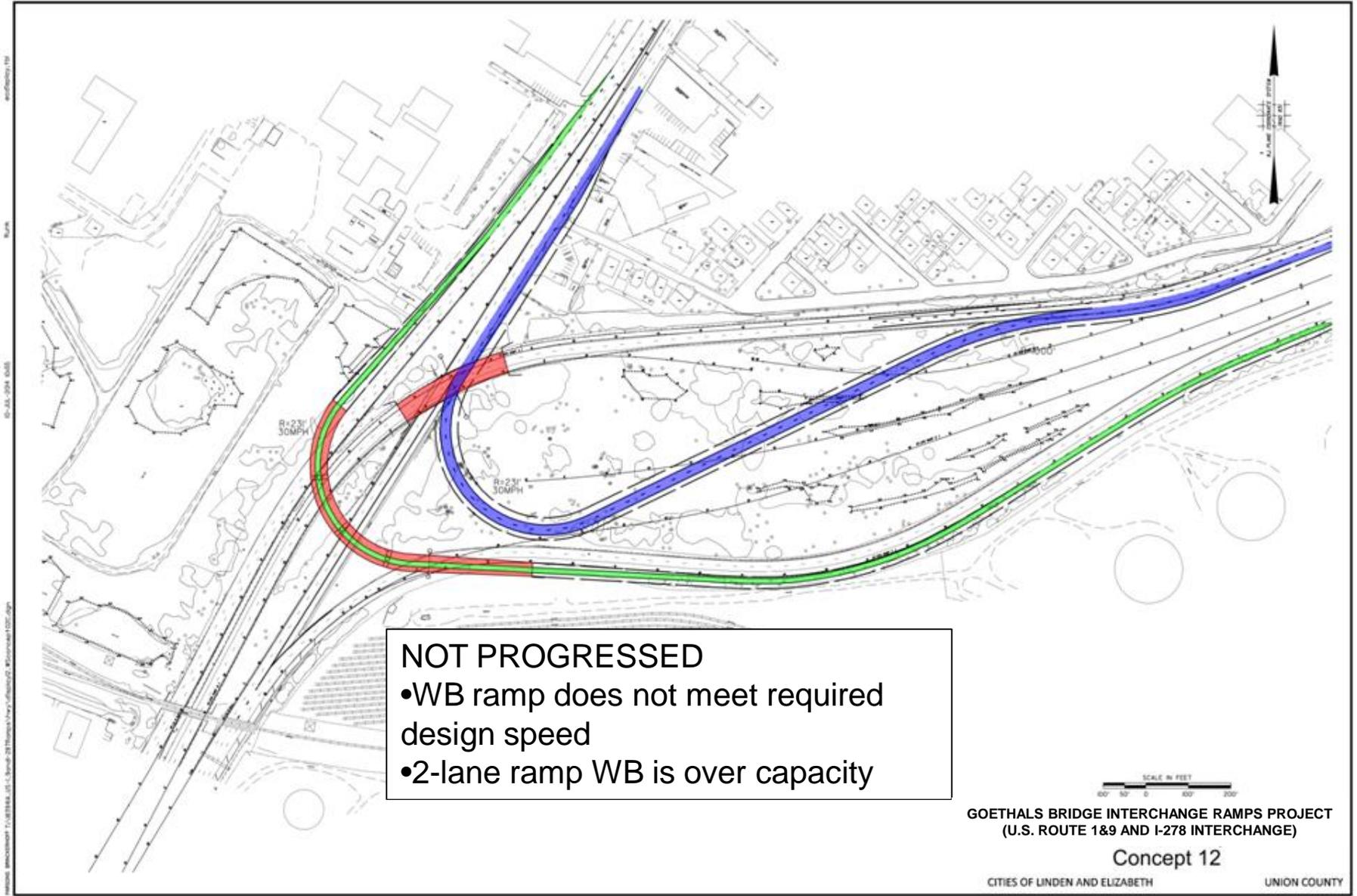


NOT PROGRESSED
 •WB ramp does not meet required design speed

GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
 (U.S. ROUTE 1&9 AND I-278 INTERCHANGE)

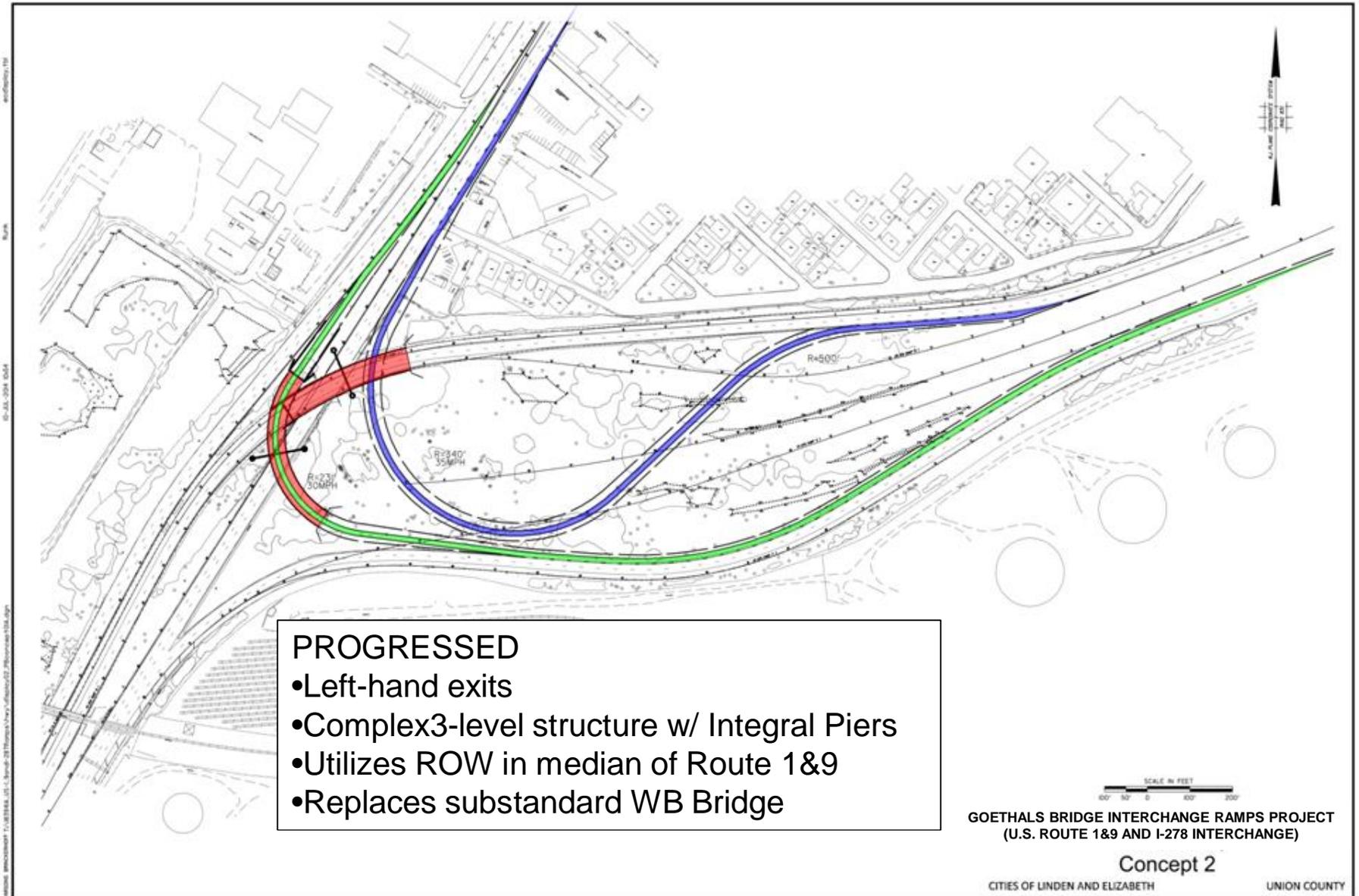
Concept 11

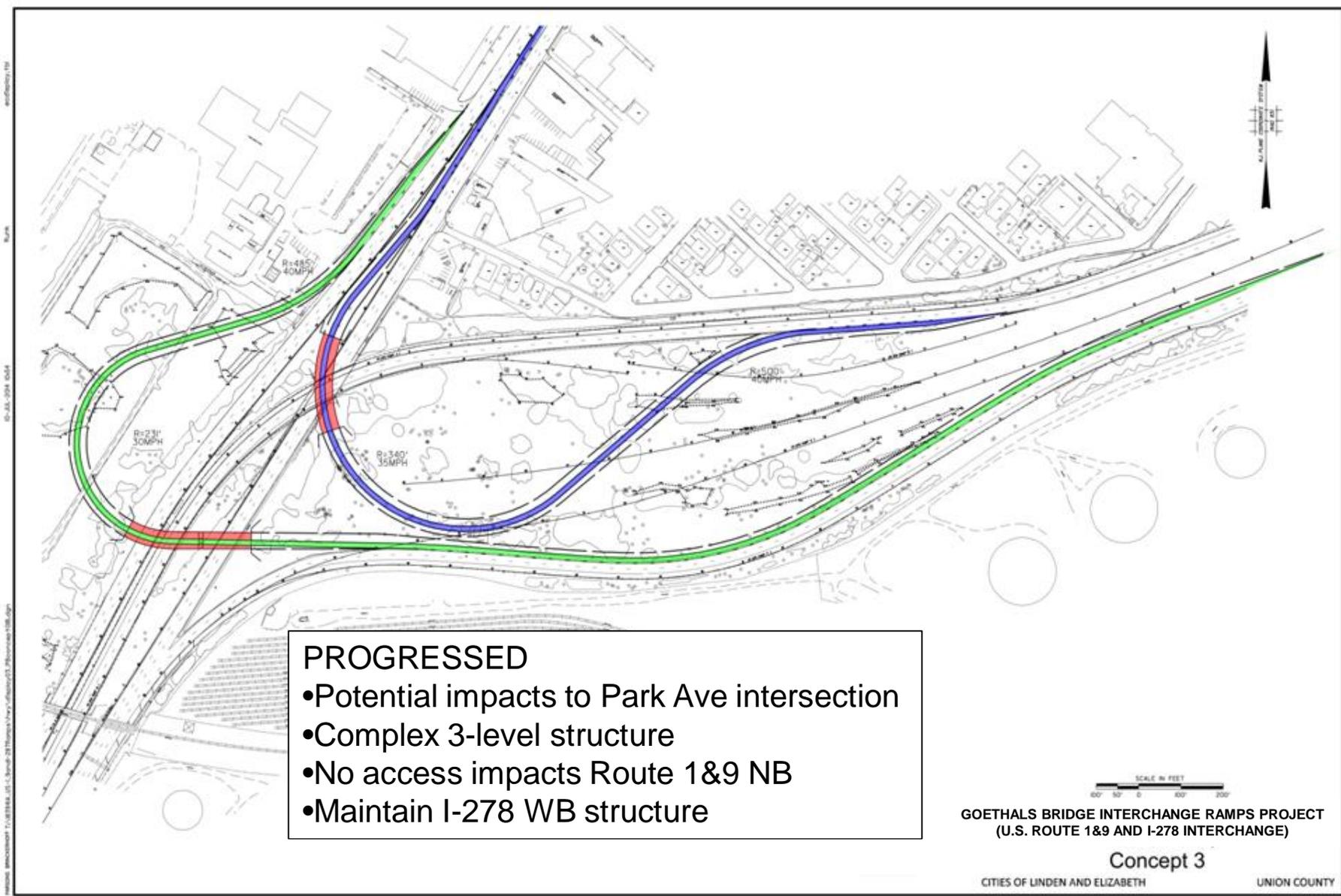
CITIES OF LINDEN AND ELIZABETH UNION COUNTY



NOT PROGRESSED

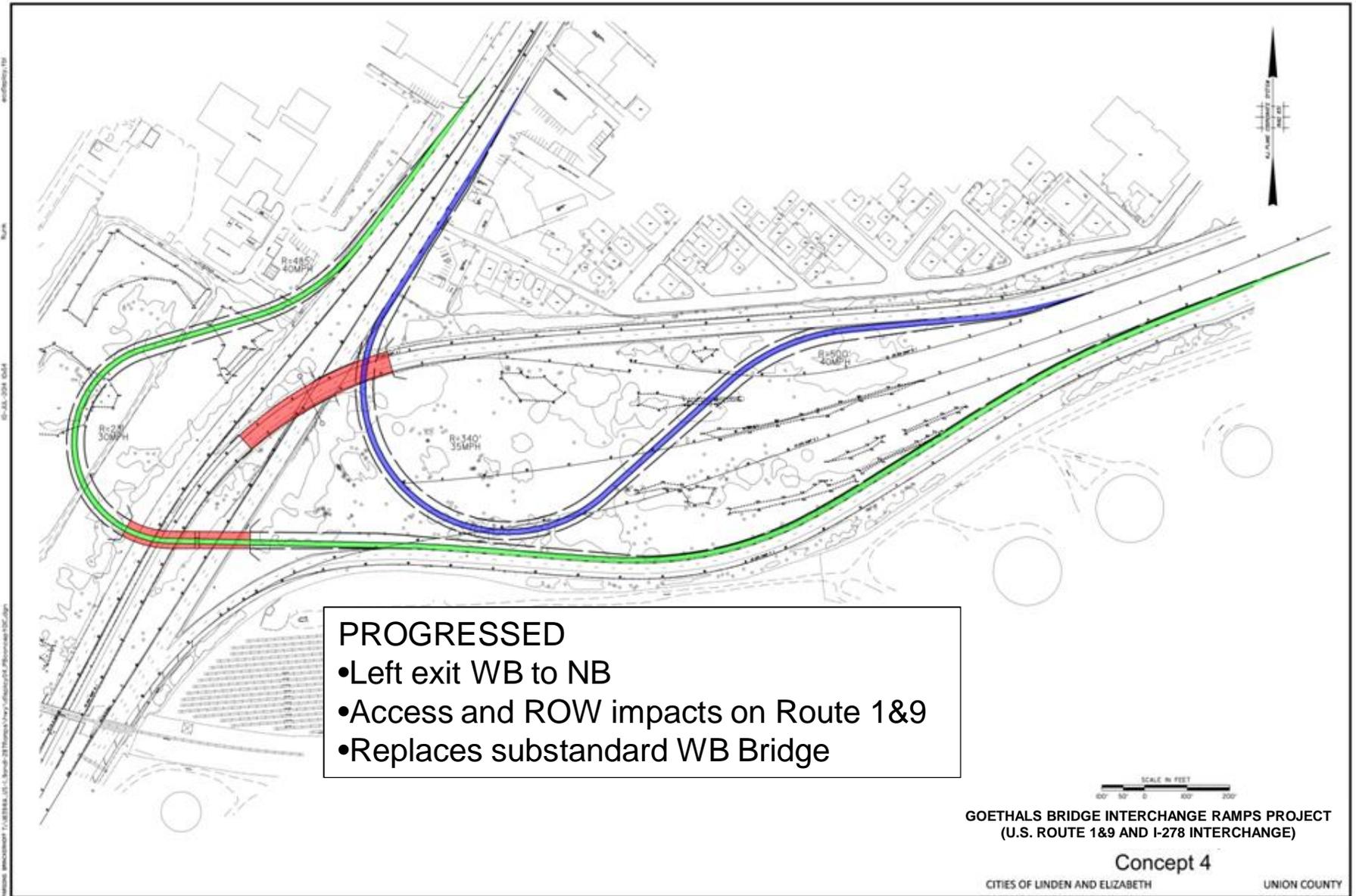
- WB ramp does not meet required design speed
- 2-lane ramp WB is over capacity





PROGRESSED

- Potential impacts to Park Ave intersection
- Complex 3-level structure
- No access impacts Route 1&9 NB
- Maintain I-278 WB structure



PROGRESSED

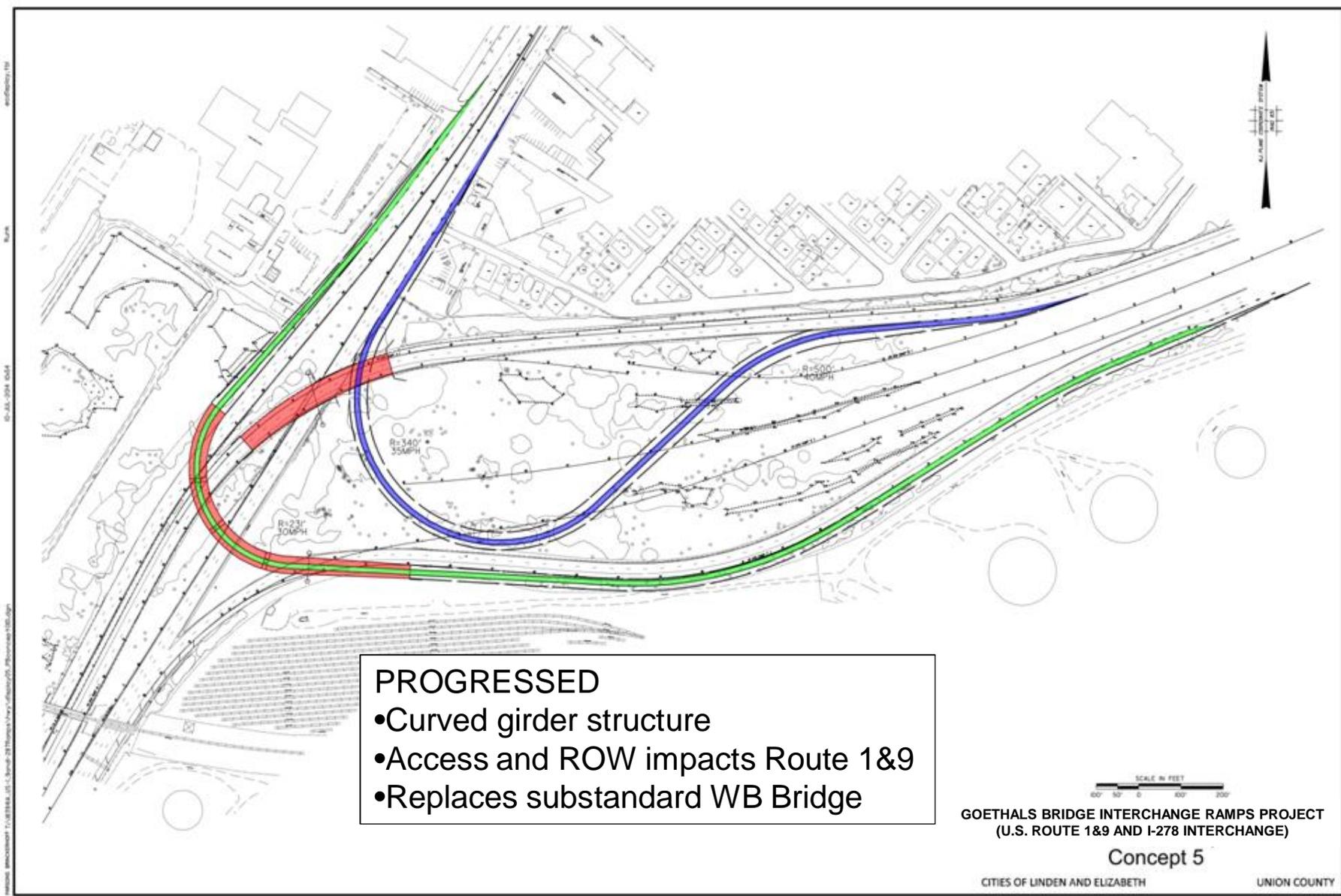
- Left exit WB to NB
- Access and ROW impacts on Route 1&9
- Replaces substandard WB Bridge

GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
(U.S. ROUTE 1&9 AND I-278 INTERCHANGE)

Concept 4

CITIES OF LINDEN AND ELIZABETH

UNION COUNTY



PROGRESSED

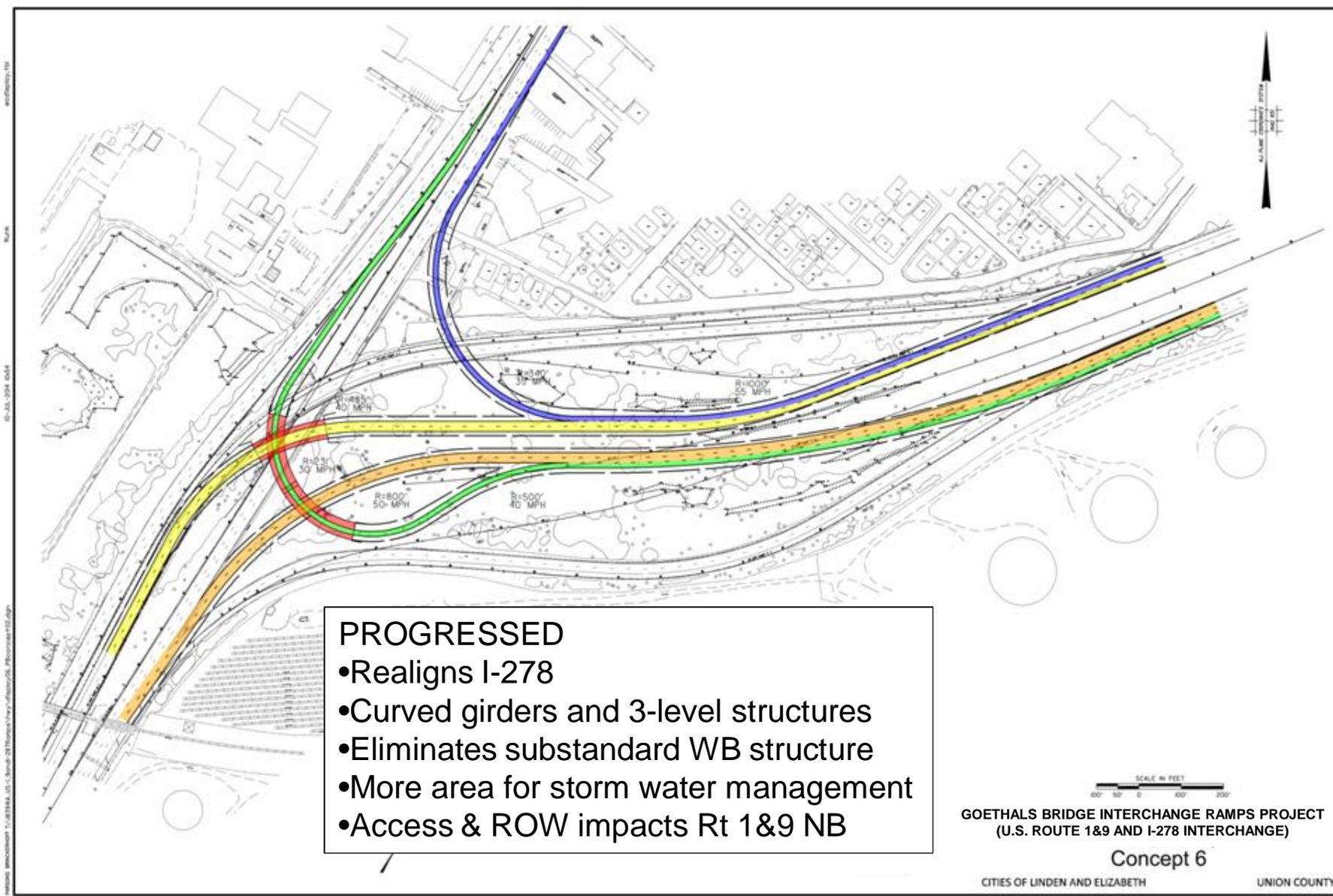
- Curved girder structure
- Access and ROW impacts Route 1&9
- Replaces substandard WB Bridge

SCALE IN FEET
 0 50 100 200

GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
 (U.S. ROUTE 1&9 AND I-278 INTERCHANGE)

Concept 5

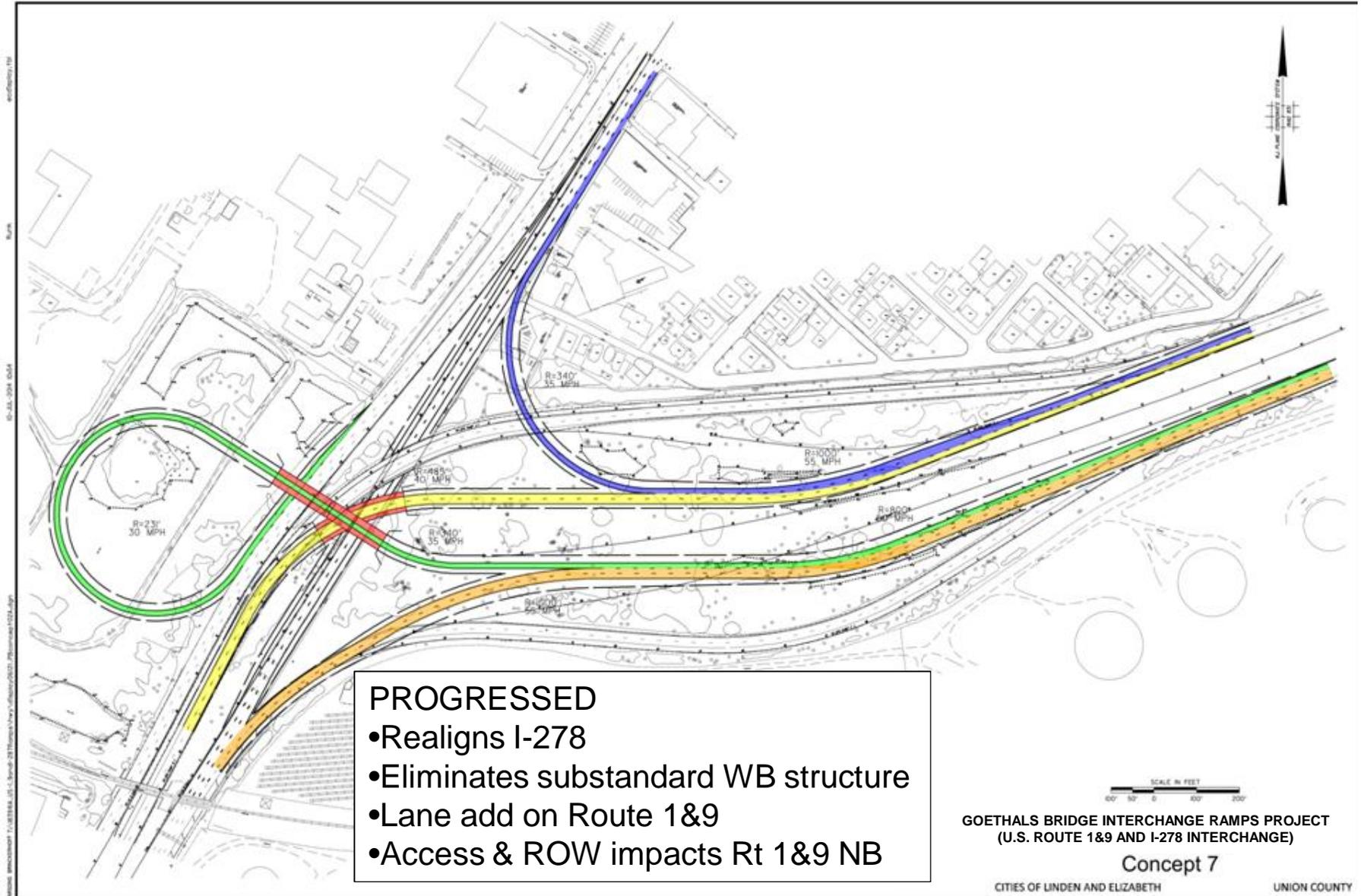
CITIES OF LINDEN AND ELIZABETH UNION COUNTY



PROGRESSED

- Realigns I-278
- Curved girders and 3-level structures
- Eliminates substandard WB structure
- More area for storm water management
- Access & ROW impacts Rt 1&9 NB

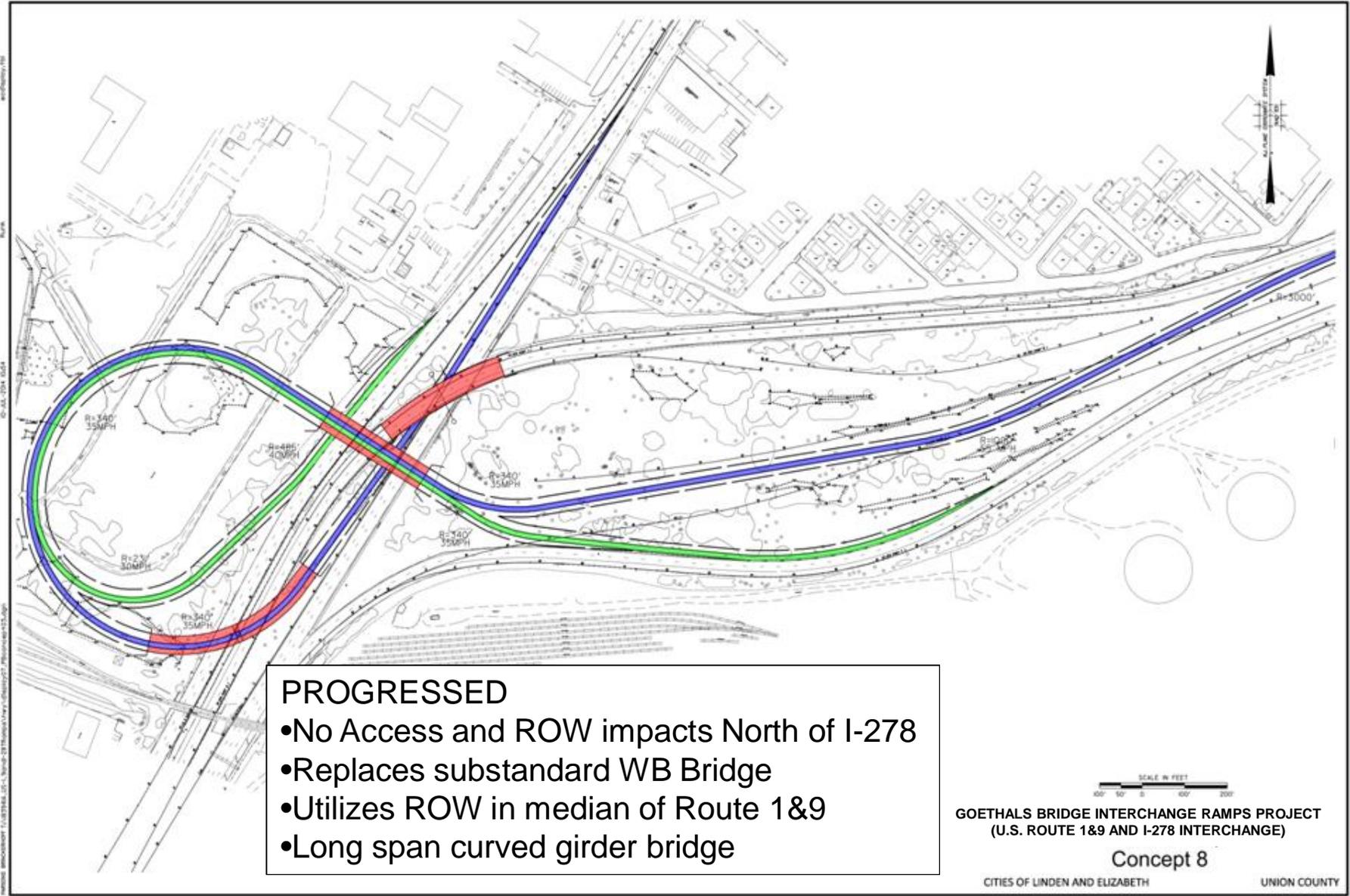
SCALE IN FEET
 0 50 100 200
GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
 (U.S. ROUTE 1&9 AND I-278 INTERCHANGE)
Concept 6
 CITIES OF LINDEN AND ELIZABETH UNION COUNTY



- PROGRESSED**
- Realigns I-278
 - Eliminates substandard WB structure
 - Lane add on Route 1&9
 - Access & ROW impacts Rt 1&9 NB

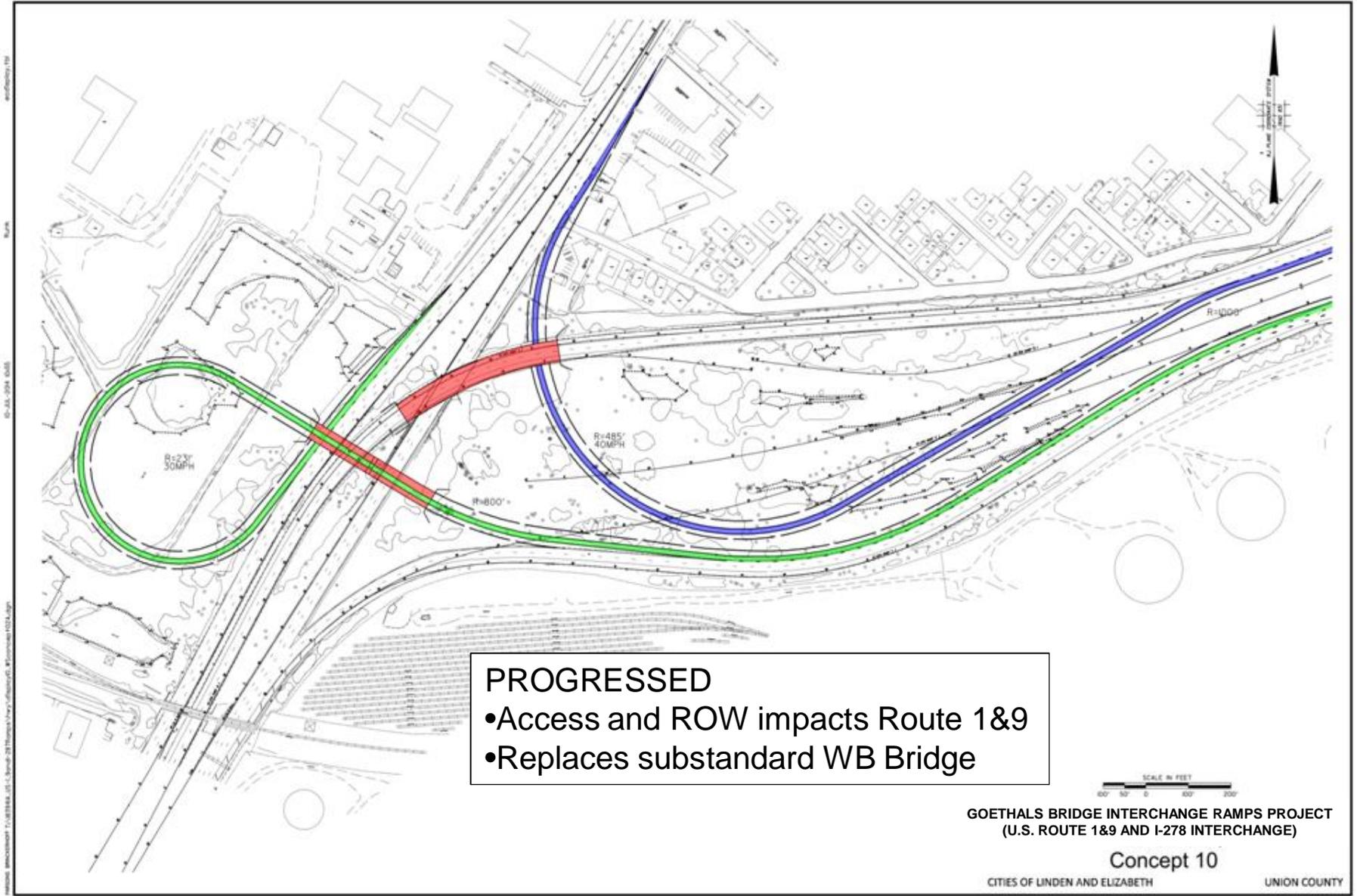
GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
(U.S. ROUTE 1&9 AND I-278 INTERCHANGE)

Concept 7



- PROGRESSED**
- No Access and ROW impacts North of I-278
 - Replaces substandard WB Bridge
 - Utilizes ROW in median of Route 1&9
 - Long span curved girder bridge

SCALE IN FEET
 0 50 100 150 200
GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
 (U.S. ROUTE 1&9 AND I-278 INTERCHANGE)
Concept 8
 CITIES OF LINDEN AND ELIZABETH UNION COUNTY



PROGRESSED

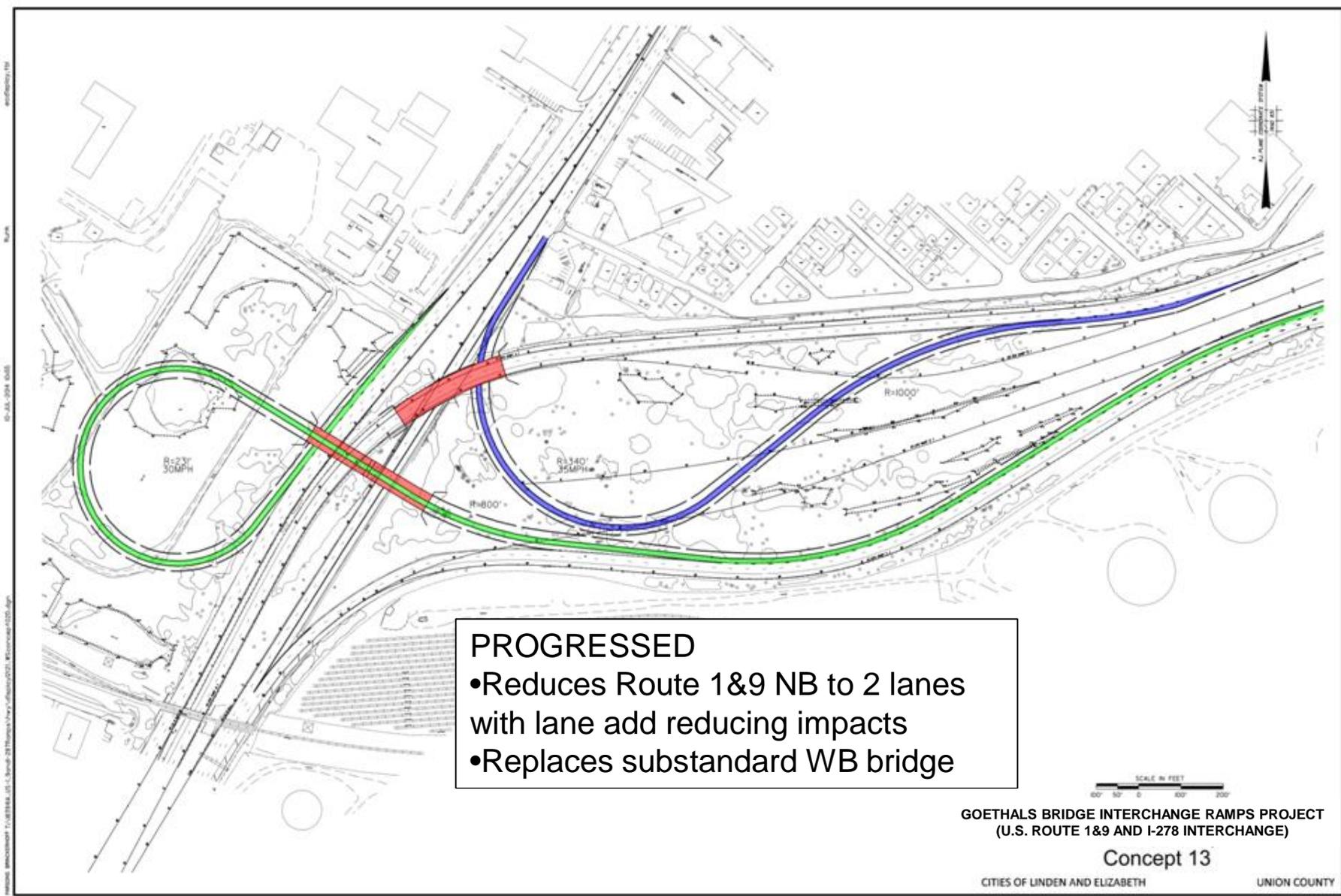
- Access and ROW impacts Route 1&9
- Replaces substandard WB Bridge

GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
(U.S. ROUTE 1&9 AND I-278 INTERCHANGE)

Concept 10

CITIES OF LINDEN AND ELIZABETH

UNION COUNTY



PROGRESSSED

- Reduces Route 1&9 NB to 2 lanes with lane add reducing impacts
- Replaces substandard WB bridge

GOETHALS BRIDGE INTERCHANGE RAMPS PROJECT
(U.S. ROUTE 1&9 AND I-278 INTERCHANGE)

Concept 13

CITIES OF LINDEN AND ELIZABETH

UNION COUNTY

Alternatives Screening (Tier 2)

- Traffic Impacts
- Wetlands
- Floodplains
- Species/Habitat
- Historic and Archaeological
- Parklands and Open Space
- Property Acquisition
- Utilities
- Environmental Justice
- Contaminated/Hazardous Materials
- Constructability
- Design Exceptions
- Permits

What's Next?

- Obtain input from stakeholders
- Perform screening analysis
- Submit required FHWA Interchange Modification Report
- Refine concept development
- Conduct third TAC & public meetings
- Conduct environmental assessment

Timeline

- Jun 2015 Complete Conceptual Design
- Oct 2015 Complete Environmental Assessment
- Start Final Design
- Complete Design
- Start Construction
- Complete Construction