



Alternatives Analysis for Routes 130 and 206 in Bordentown, NJ

*Presentation to Bordentown City and Bordentown Township
February 1, 2012*

Background

- Two major arterials
- Access to two interstates
- Significant crash history
- “Spine” of two Bordentowns

Purpose

- Improve safety
- Improve connectivity
- Mitigate heavy vehicles
- Provide opportunities for economic redevelopment

Previous Studies



US 130 / US 206 Road Safety Audit

Bordentown City and Bordentown Township, Burlington County, NJ



Tuesday, October 26, 2010

May 2011



FINAL Route 130/Route 206 Bicycle and Pedestrian Plan

Prepared for:

The New Jersey Department of Transportation,
Burlington County, Bordentown City,
and Bordentown Township

Prepared by:

Michael Baker Jr., Inc.

Baker



US 130/US 206 Traffic Circulation Study Study Area

Bordentown Twp, Bordentown City, Burlington Co., NJ



STUDY AREA

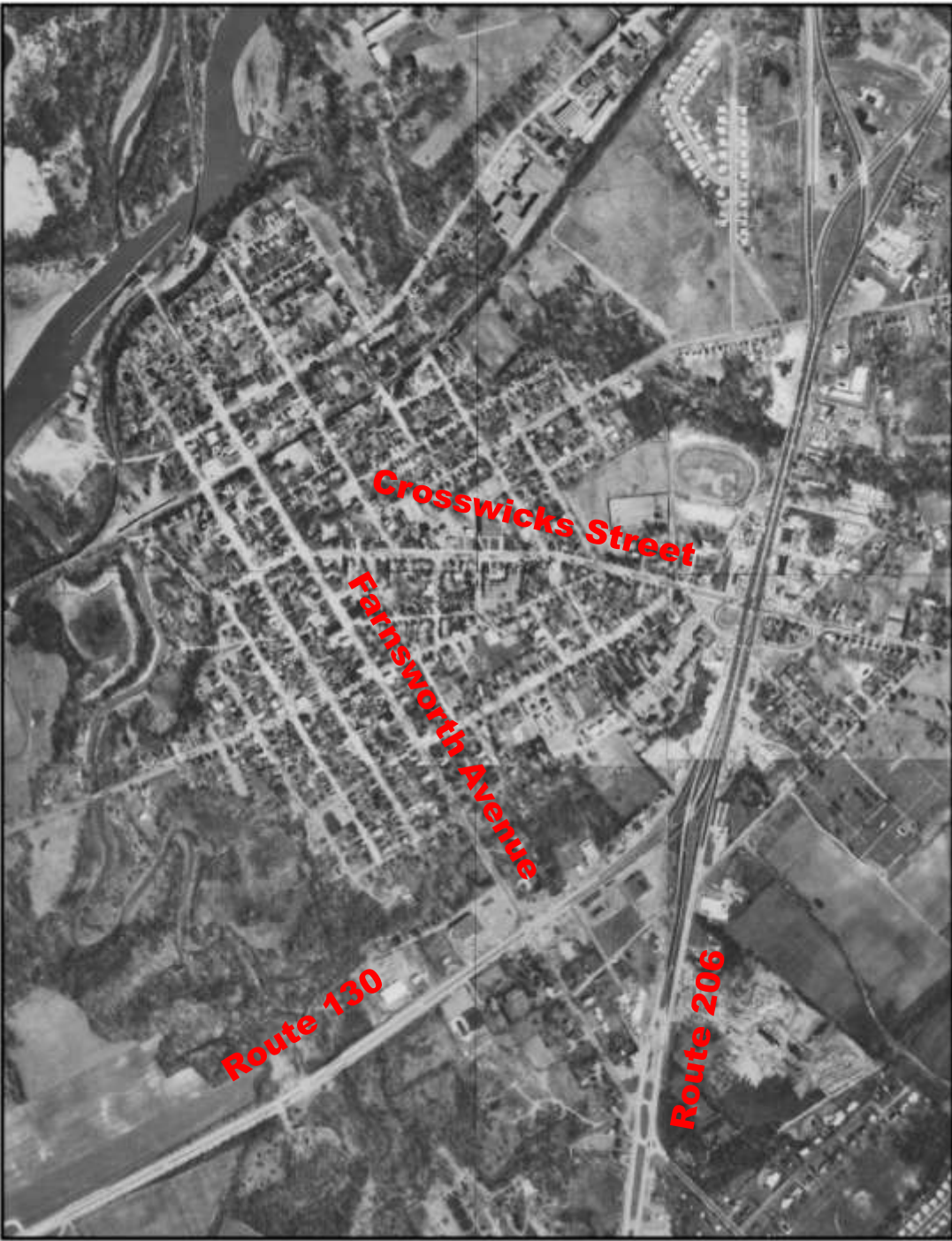
HISTORICAL PERSPECTIVE

1959



HISTORICAL PERSPECTIVE

1965



HISTORICAL PERSPECTIVE

1990

Crosswicks Street
Farnsworth Avenue
Route 130
Route 206

EXISTING CONDITIONS

Figure 2

CURRENT AVERAGE DAILY TRAFFIC COUNTS

(AADT in thousands)

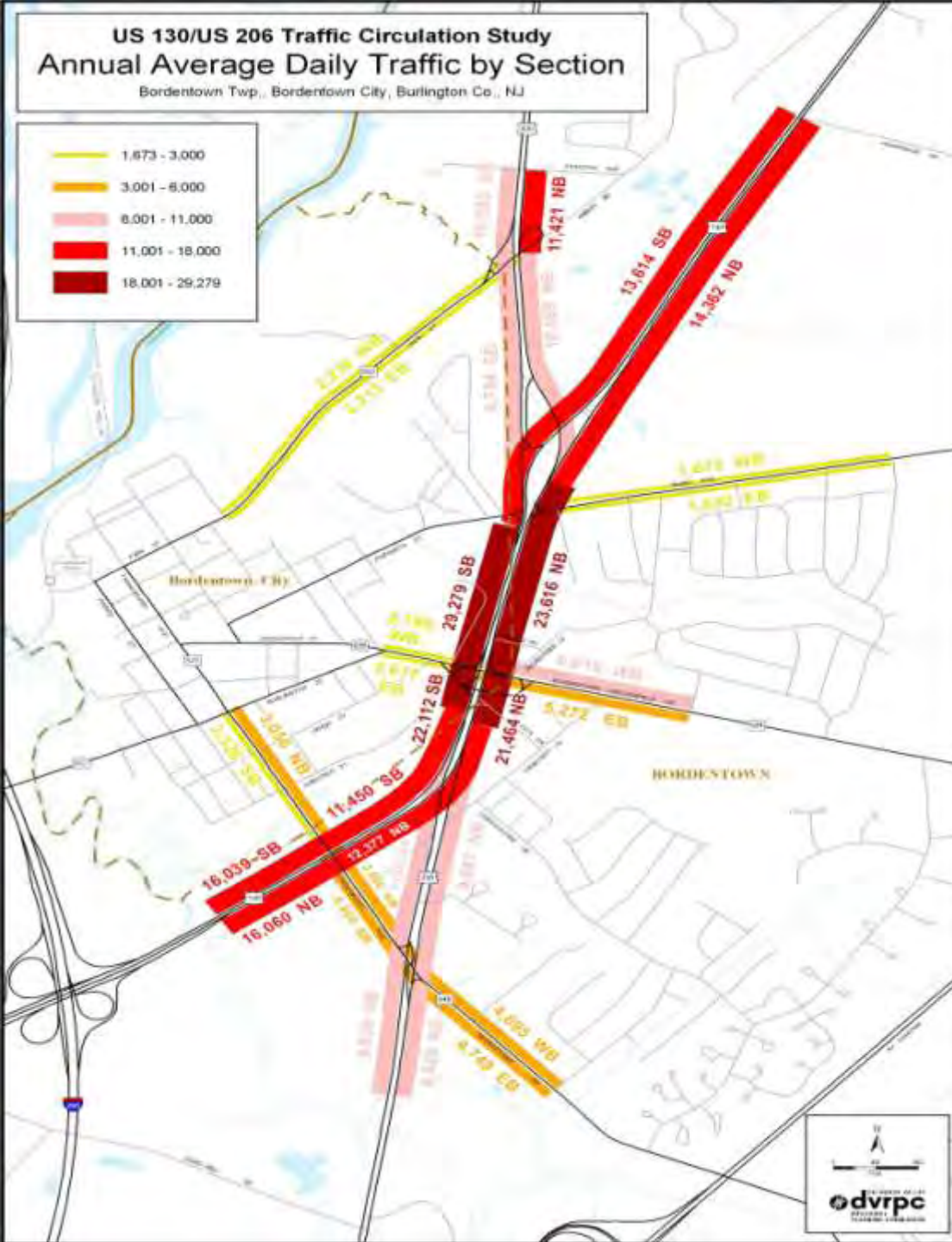


1986 AADT

SCHEMATIC NOT TO SCALE

US 130/US 206 Traffic Circulation Study Annual Average Daily Traffic by Section

Bordentown Twp., Bordentown City, Burlington Co., NJ



AADT



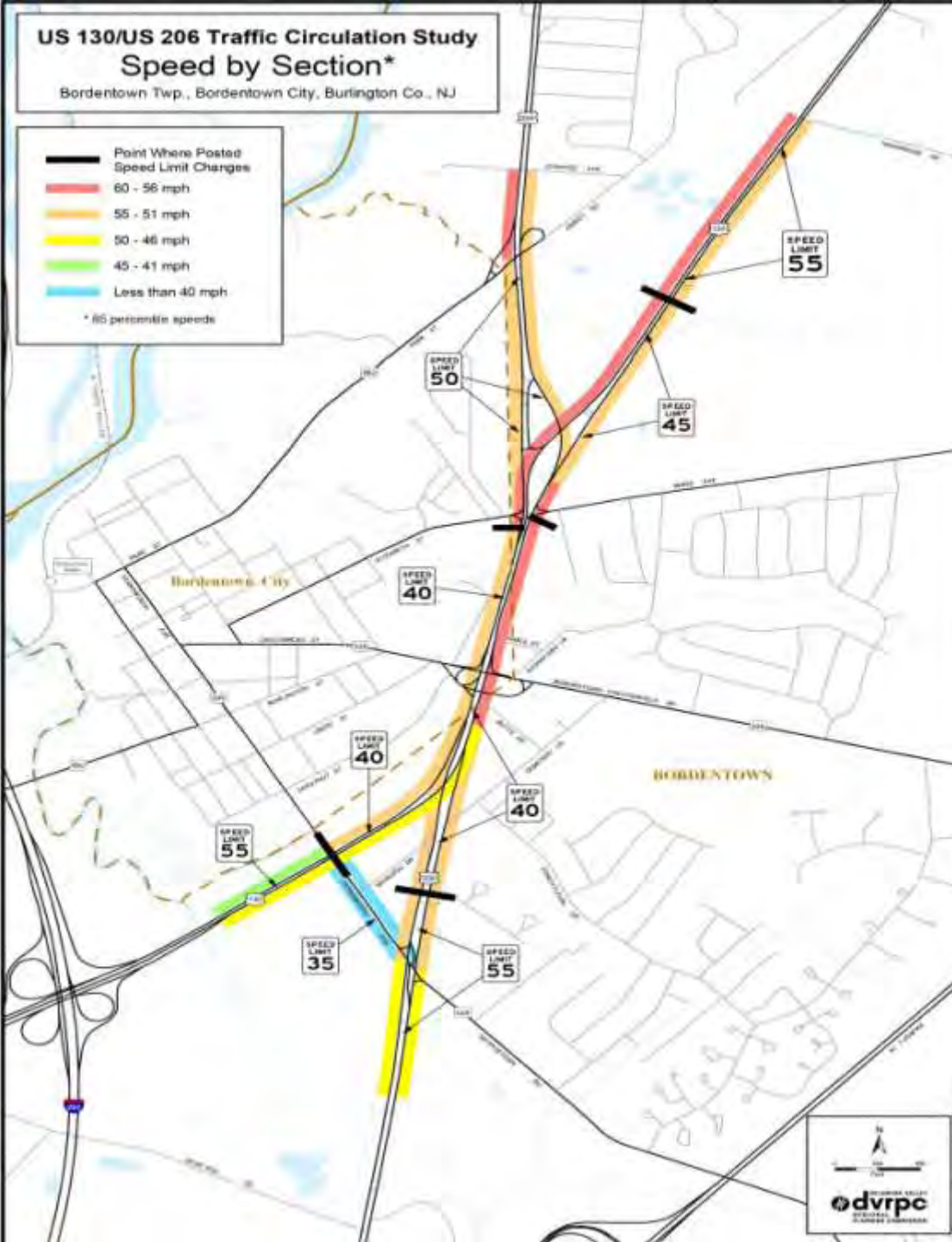
US 130/US 206 Traffic Circulation Study Speed by Section*

Bordentown Twp., Bordentown City, Burlington Co., NJ

Point Where Posted
Speed Limit Changes

- 60 - 56 mph
- 55 - 51 mph
- 50 - 46 mph
- 45 - 41 mph
- Less than 40 mph

* 85 percentile speeds

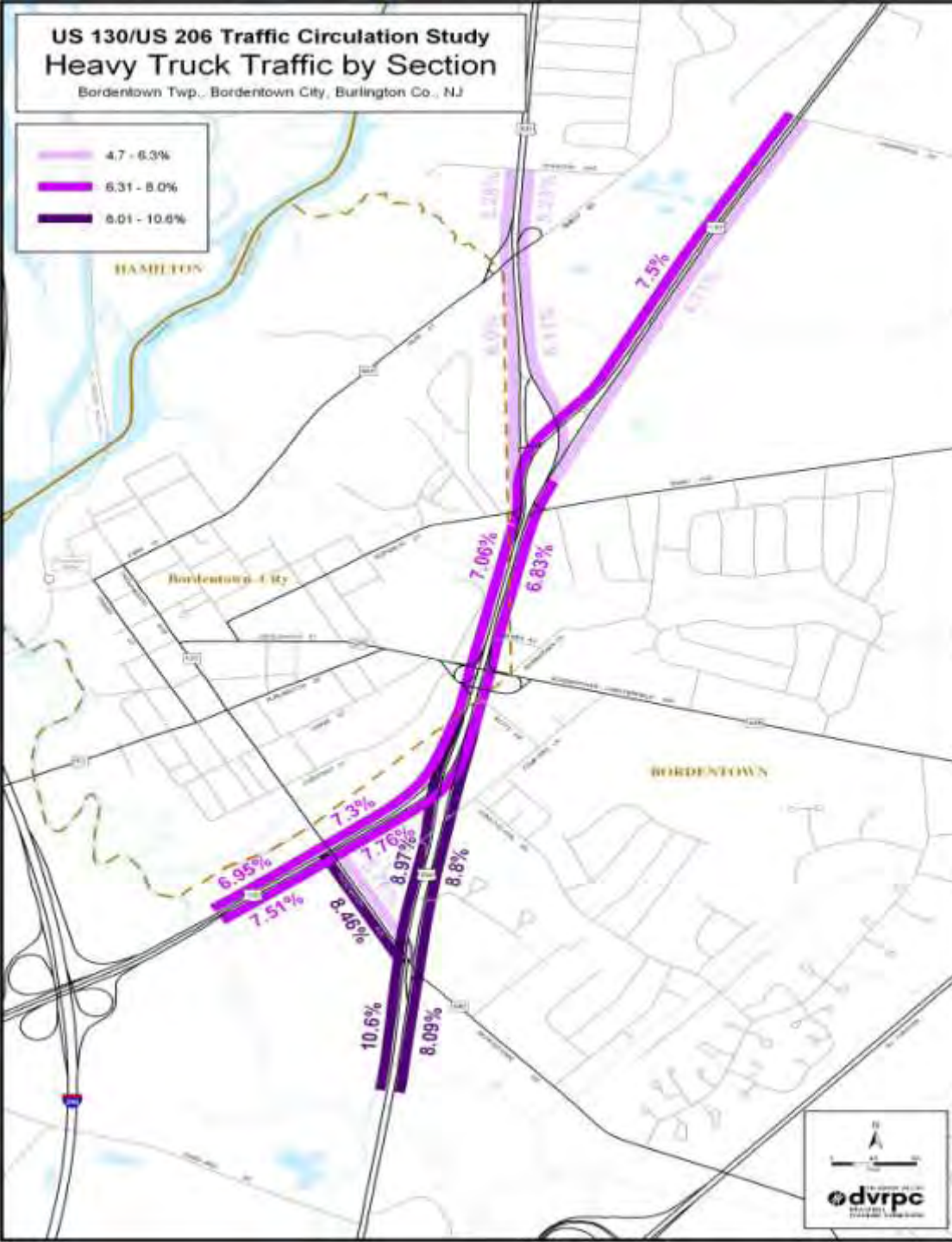
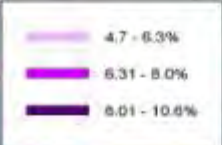


SPEED



US 130/US 206 Traffic Circulation Study Heavy Truck Traffic by Section

Bordentown Twp., Bordentown City, Burlington Co., NJ



HEAVY VEHICLES (Trucks)



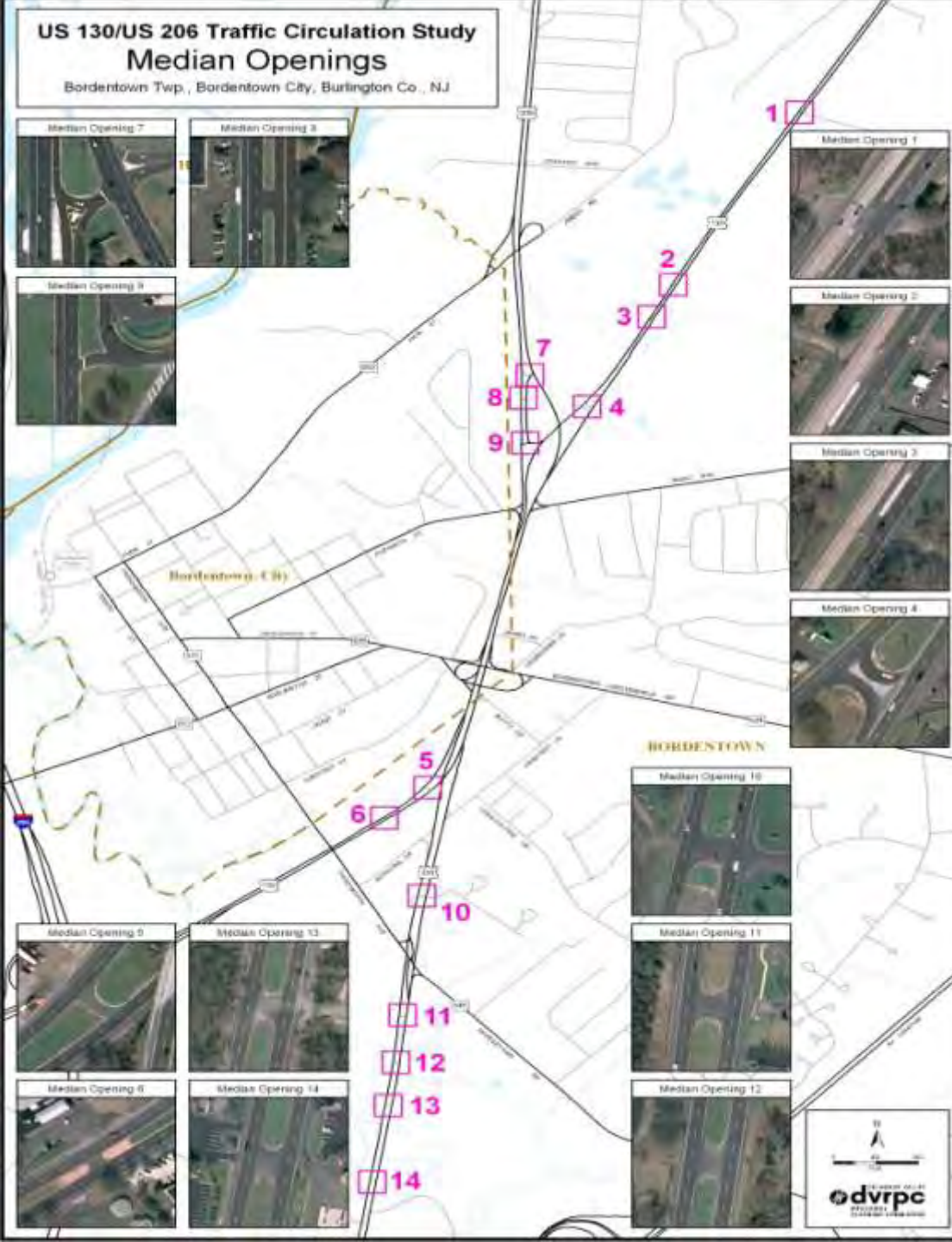


Shoulders and Driveways

US 130/US 206 Traffic Circulation Study Median Openings

Bordentown Twp., Bordentown City, Burlington Co., NJ

MEDIAN OPENINGS



CONNECTIVITY: Destinations from Ward Avenue



CONNECTIVITY: Destinations from Elizabeth Street



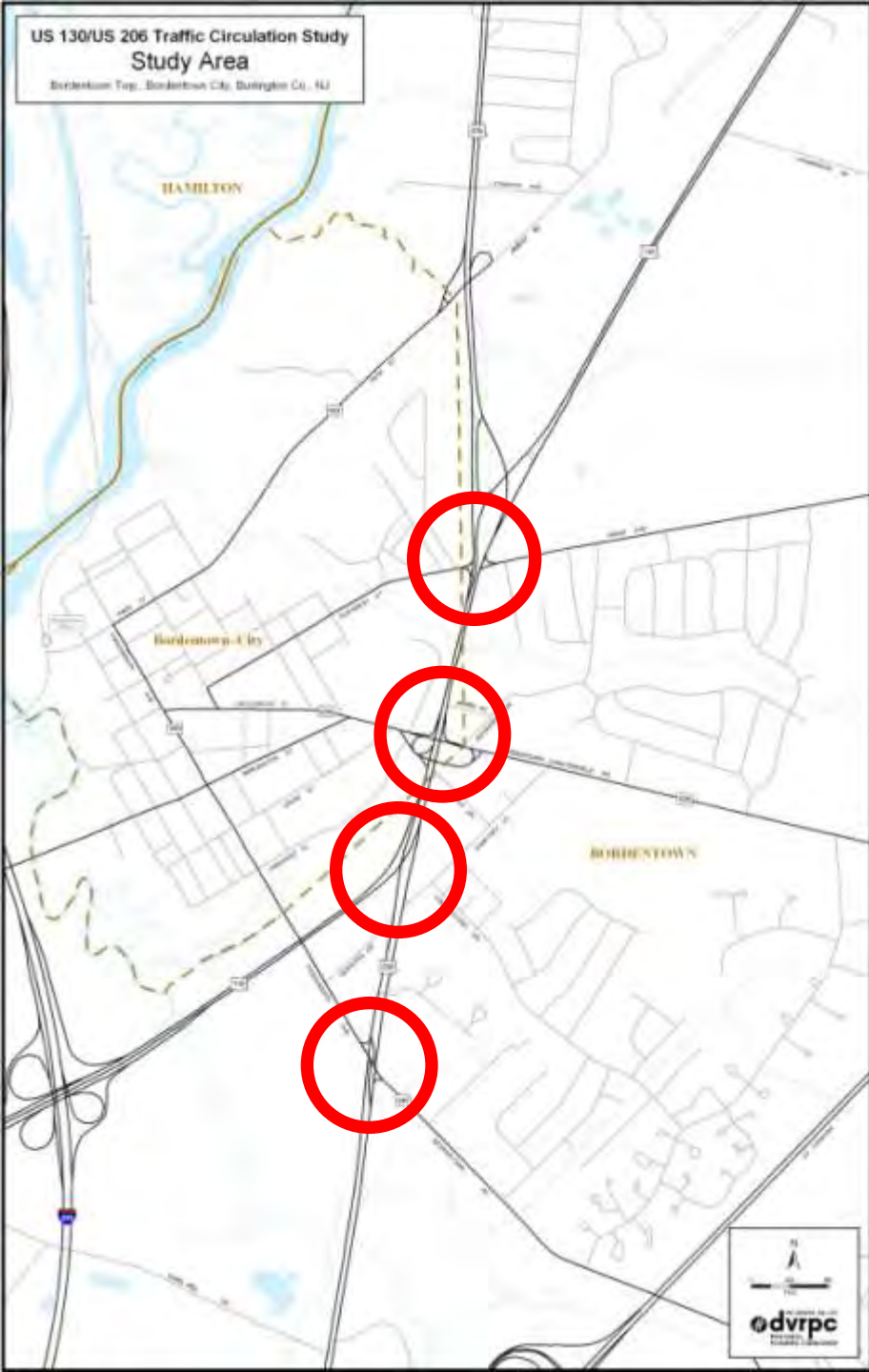
The background is a light blue gradient with a faint, stylized silhouette of a suspension bridge. The bridge's cables and tower structure are visible on the right side, extending towards the left. The overall aesthetic is clean and modern.

ISSUE AREAS & ALTERNATIVES



US 130/US 206 Traffic Circulation Study
Study Area

Bordentown Twp., Bordentown Cts., Burlington Co., NJ

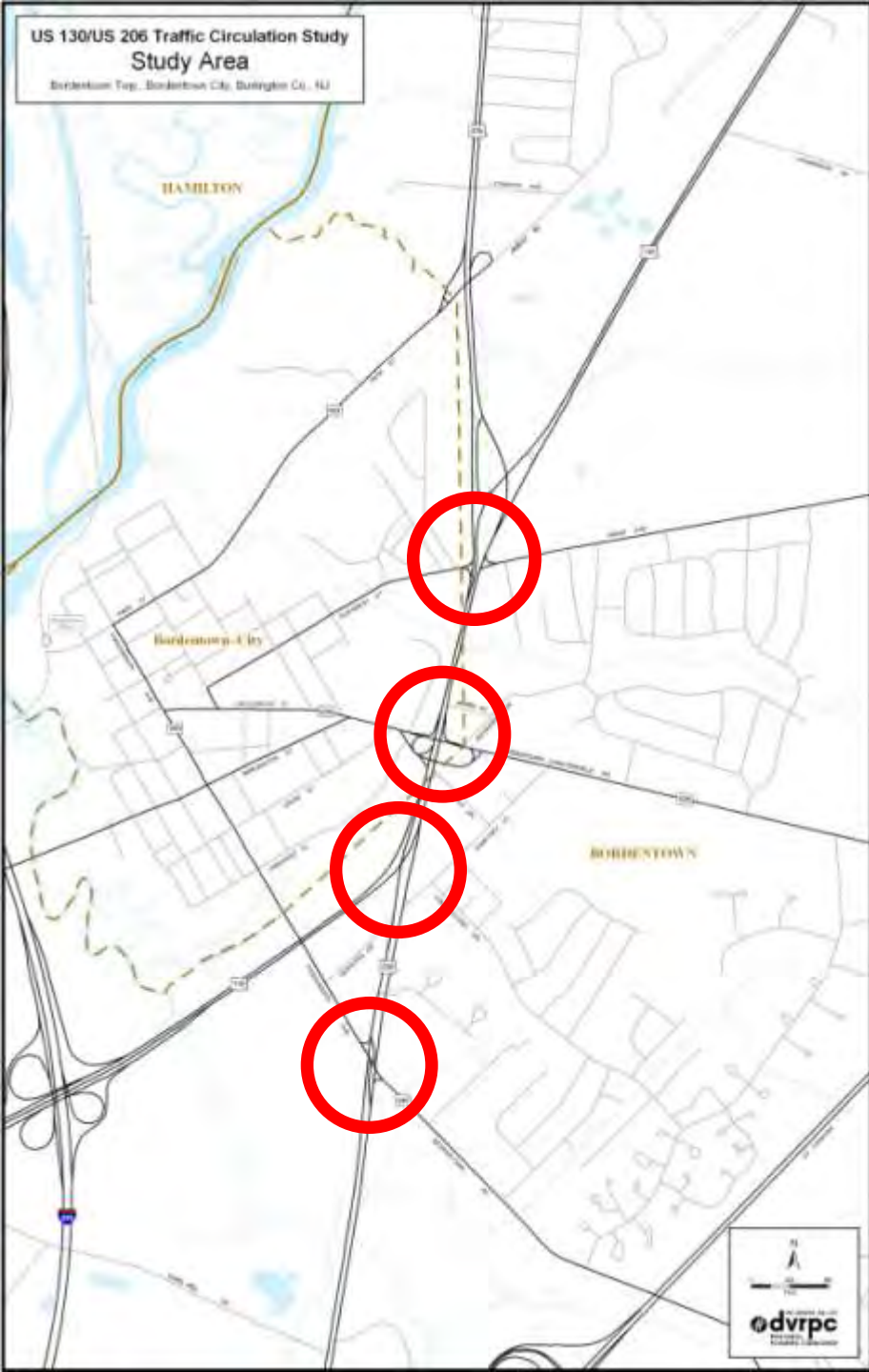


ISSUE AREAS

- 1) US 130 / 206 @
Ward Ave / Elizabeth St;
Northern Merge
- 2) US 130 / 206 @
Crosswicks St
- 3) Southern Merge
- 4) US 206 @ Farnsworth
Ave / Georgetown Rd

US 130/US 206 Traffic Circulation Study
Study Area

Bordentown Twp., Bordentown Cts., Burlington Co., NJ



Scenarios

- 1) Existing
- 2) Road Diet
- 3) Roundabouts
- 4) Left Turn Lanes
- 5) T-Signals



US 130 / 206 @ Ward Ave / Elizabeth St

EXISTING



ROAD DIET



ROUNDBABOUTS



LEFT TURN LANES



T-SIGNALS

US 130 / 206 @ Ward Ave / Elizabeth St

EXISTING



ROAD DIET



ROUNDBABOUTS



LEFT TURN LANES



T-SIGNALS



US 130 / 206 @ Ward Ave / Elizabeth St

Existing



ROAD DIET



ROUNDABOUTS



LEFT TURN LANES



T-SIGNALS



US 130 / 206 @ Ward Ave / Elizabeth St

EXISTING



ROAD DIET



ROUNDABOUTS



LEFT TURN LANES



T-SIGNALS



US 130 / 206 @ Ward Ave / Elizabeth St

EXISTING



ROAD DIET



ROUNDABOUTS



LEFT TURN LANES



T-SIGNALS











MPH

25

UTILITY BOX
FOR THE
DEPARTMENT





US 130 / 206 @ Crosswicks St

EXISTING



ROAD DIET



ROUNDABOUTS



LEFT TURN LANES



T-SIGNALS



US 130 / 206 @ Crosswicks St

EXISTING



ROAD DIET



ROUNDBABOUTS



LEFT TURN LANES



T-SIGNALS





US 130 / 206 @ Crosswicks St

EXISTING



ROAD DIET



ROUNDAABOUTS



LEFT TURN LANES



T-SIGNALS









US 130 / 206 @ Crosswicks St

EXISTING



ROAD DIET



ROUNDBABOUTS



LEFT TURN LANES



T-SIGNALS



US 130 / 206 @ Crosswicks St

EXISTING



ROAD DIET



ROUNDABOUTS



LEFT TURN LANES



T-SIGNALS



US 130 / 206 @ Southern Merge



EXISTING



ROAD DIET



ROUNDBABOUTS



LEFT TURN LANES



T-SIGNALS

US 130 / 206 @ Southern Merge

EXISTING



ROAD DIET



ROUNDBABOUTS



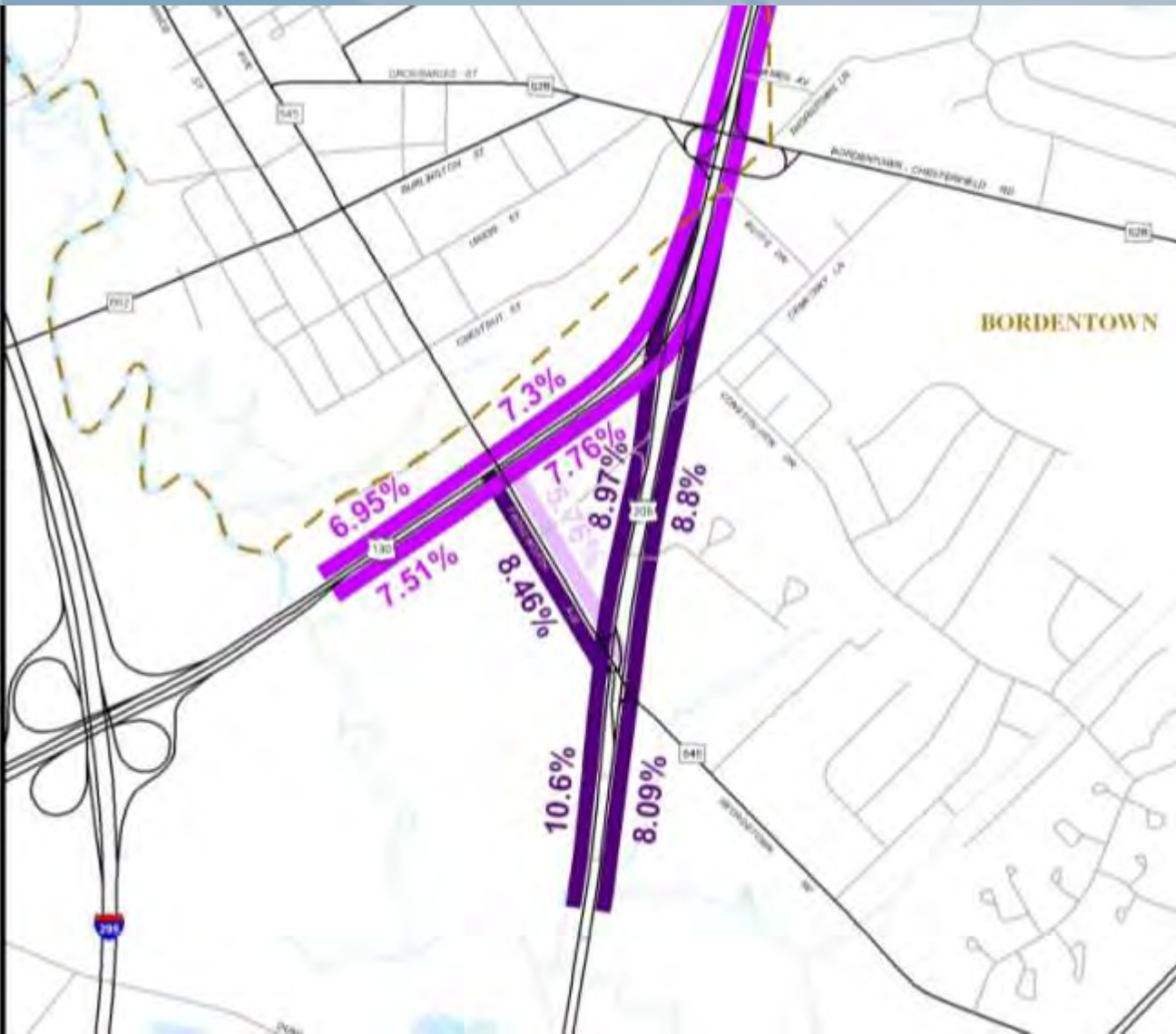
LEFT TURN LANES



T-SIGNALS



HEAVY VEHICLES (Trucks)





US 130 / 206 @ Southern Merge

EXISTING



ROAD DIET



ROUNDAABOUTS



LEFT TURN LANES



T-SIGNALS





US 130 / 206 @ Southern Merge

EXISTING



ROAD DIET



ROUNDABOUTS



LEFT TURN LANES



T-SIGNALS





US 206 @ Farnsworth Ave / Georgetown Rd

EXISTING



ROAD DIET



ROUNDBABOUTS



LEFT TURN LANES



T-SIGNALS





US 206 @ Farnsworth Ave / Georgetown Rd

EXISTING



ROAD DIET



ROUNDABOUTS



LEFT TURN LANES



T-SIGNALS



US 206 @ Farnsworth Ave / Georgetown Rd

EXISTING



ROAD DIET



ROUNDBABOUTS



LEFT TURN LANES



T-SIGNALS

SUMMARY

US 130/US 206 Traffic Circulation Study AM Delay Per Scenario

Bordentown Twp., Bordentown City, Burlington Co., NJ

Scenario Type

- Existing
- Road Diet
- Roundabouts
- Left Turn Lanes
- T-Signals

Bordentown City

Elizabeth St. - Ward Ave.
Northern Merge

US 130 / US 206 &
Crosswicks St.

Southern Merge

US 206 &
Farnsworth Ave.

BORDENTOWN



US 130/US 206 Traffic Circulation Study PM Delay Per Scenario

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BORDENTOWN



Discussion

- Preferred Alternative(s)
- Implementation
- Final Report