

ROUTE 1, FORRESTAL ROAD TO AARON ROAD MILEPOST 13.9 TO 22.5



October 26, 2009

LOCAL OFFICIALS MEETING

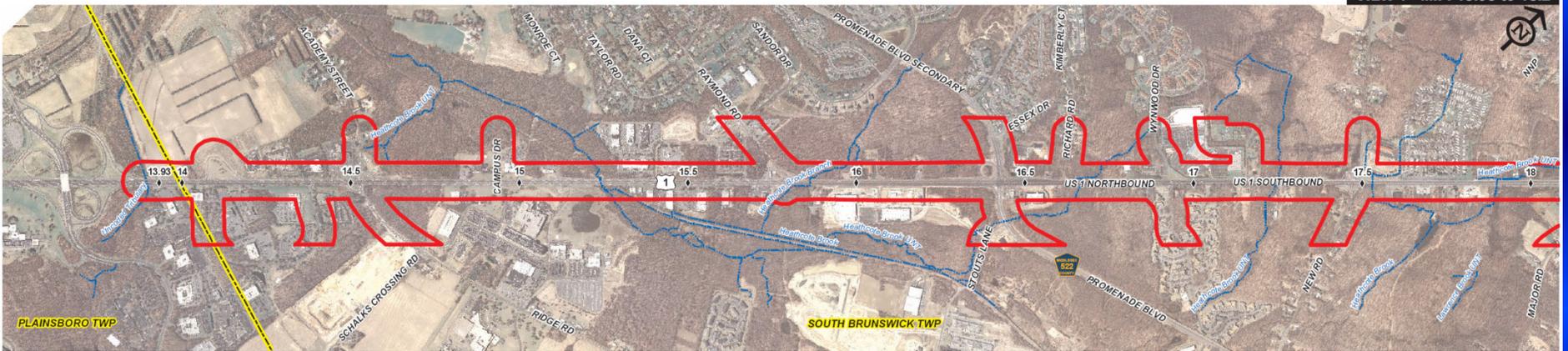
FORRESTAL ROAD TO AARON ROAD MILEPOST 13.9 TO 22.5



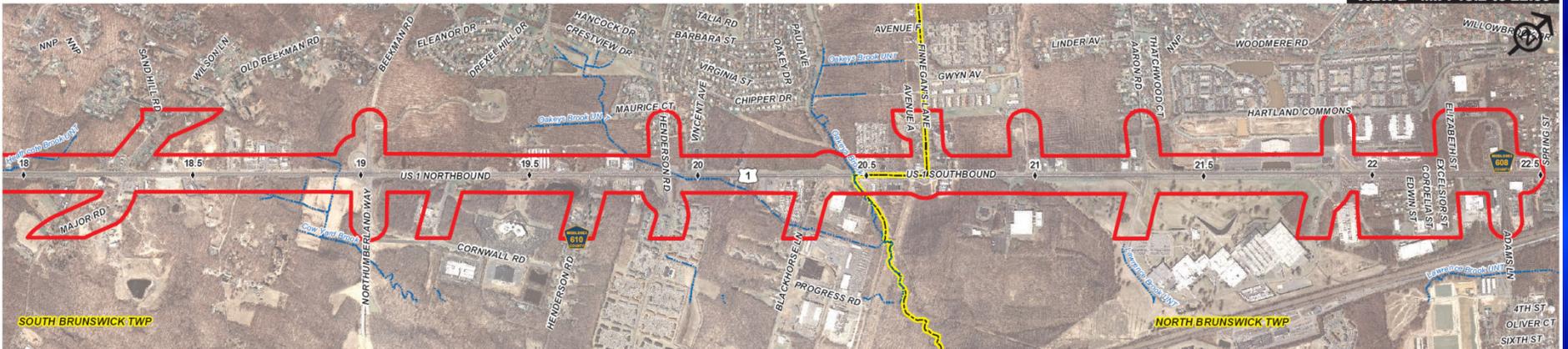
PROJECT CORRIDOR MAP

Route 1 Forrestal Road to Aaron Road (M.P. 13.93 to M.P. 22.50)

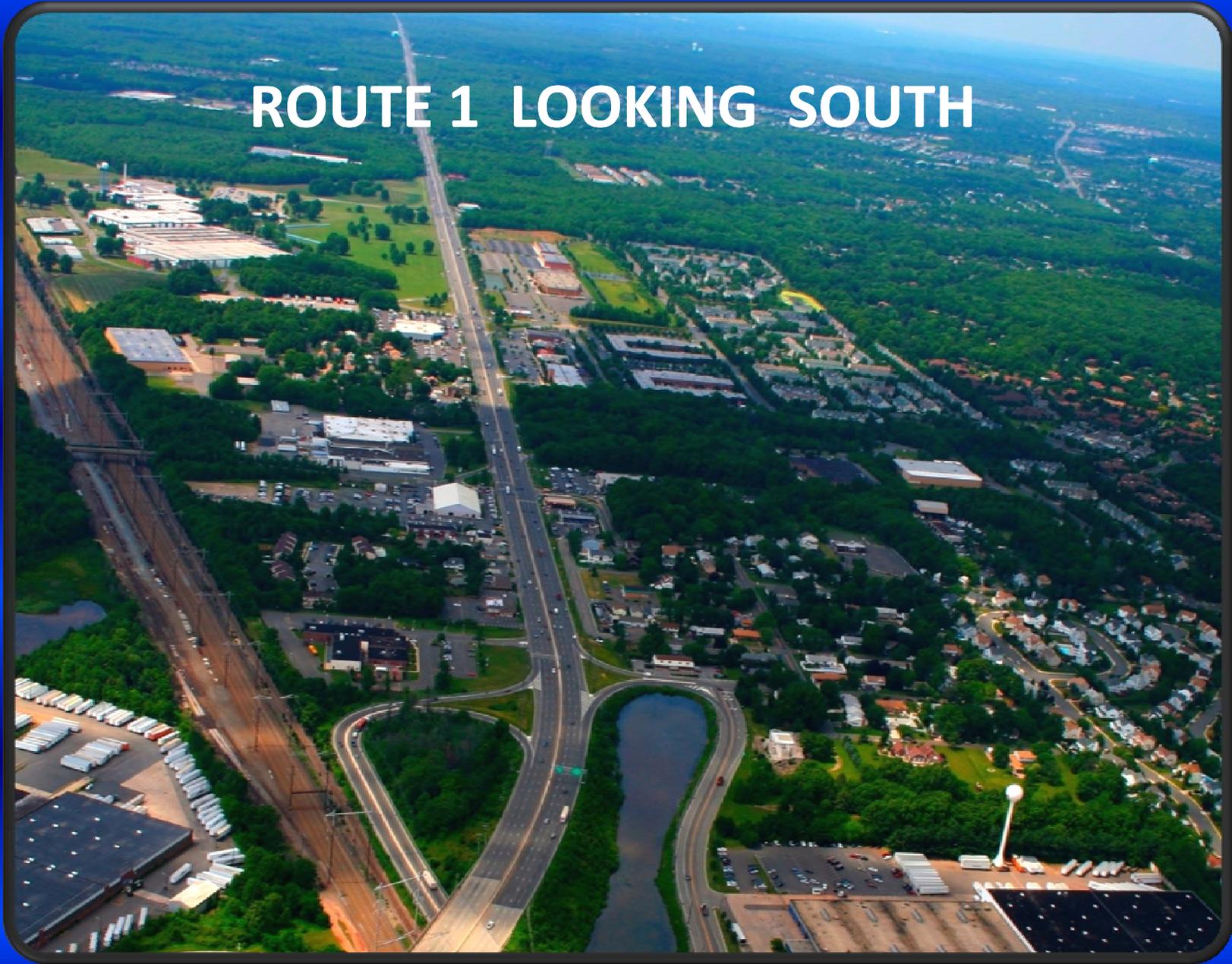
VIEW 1 - M.P. 13.93 to 18.2



VIEW 2 - M.P. 18.2 to 22.50



ROUTE 1 LOOKING SOUTH





ROUTE 1 LOOKING NORTH

EXISTING HIGHWAY SECTION

- 2 – 12 FOOT LANES
- 10 FOOT OUTER SHOULDER
- 3 FOOT INNER SHOULDER
- DIVIDED WITH MEDIAN BARRIER



CLASSIFICATION: URBAN PRINCIPAL ARTERIAL
SIGNALIZED
COMMERCIAL DRIVEWAYS
ADJACENT RESIDENTIAL AREAS



OUR GOAL

**We Will Develop a Smart, Sustainable, Permittable,
Multi-Modal Solution that Enhances
Quality of Life & Supports
Economic Growth**

- **Integrate Studies into a Congestion Relief & Mobility Package**
- **Define Optimal Cost Effective Solutions**
- **Develop Complementary Strategies**

OTHER PROJECTS WITHIN THE CORRIDOR:

- ROUTE 1 REGIONAL GROWTH STRATEGY
- NJ TRANSIT BUS RAPID TRANSIT
- NORTH BRUNSWICK TOD
- FINNEGAN'S LANE GRADE SEPARATION
- FINNEGAN'S LANE EXTENSION TO RT 130

PLANNING PROJECTS

New Jersey Department
of Transportation

Route 1 Regional Growth Strategy

Project Update for
Central Jersey Transportation Forum

September 22, 2009



Improving Lives by Improving Transportation

Project Goal

To develop a shared vision for sustainable economic development and land use in the region that can support and be supported by a balanced program of multi-modal transportation investments.



Improving Lives by Improving Transportation

CENTRAL NEW JERSEY ROUTE 

Bus Rapid Transit **BRT**



Central Jersey Transportation Forum Committee Meeting

September 22, 2009





**FUTURE SITE OF NORTH BRUNSWICK TOD
FORMER JOHNSON & JOHNSON SITE**



FINNEGAN'S LANE GRADE SEPARATION INTERCHANGE PROJECT

ADDITIONAL PROJECTS AND STUDIES BY NJDOT:

- **WHISPERING WOODS ROAD WIDENING**
- **INSTALLATION OF MEDIAN BARRIER FENCING FROM RAYMOND ROAD TO CR 522**
- **SHOULDER PAVEMENT EVALUATION**
- **FLOODING AND MAINTENANCE RECORDS**
- **CONGESTION MANAGEMENT PRIORITY RANKINGS**

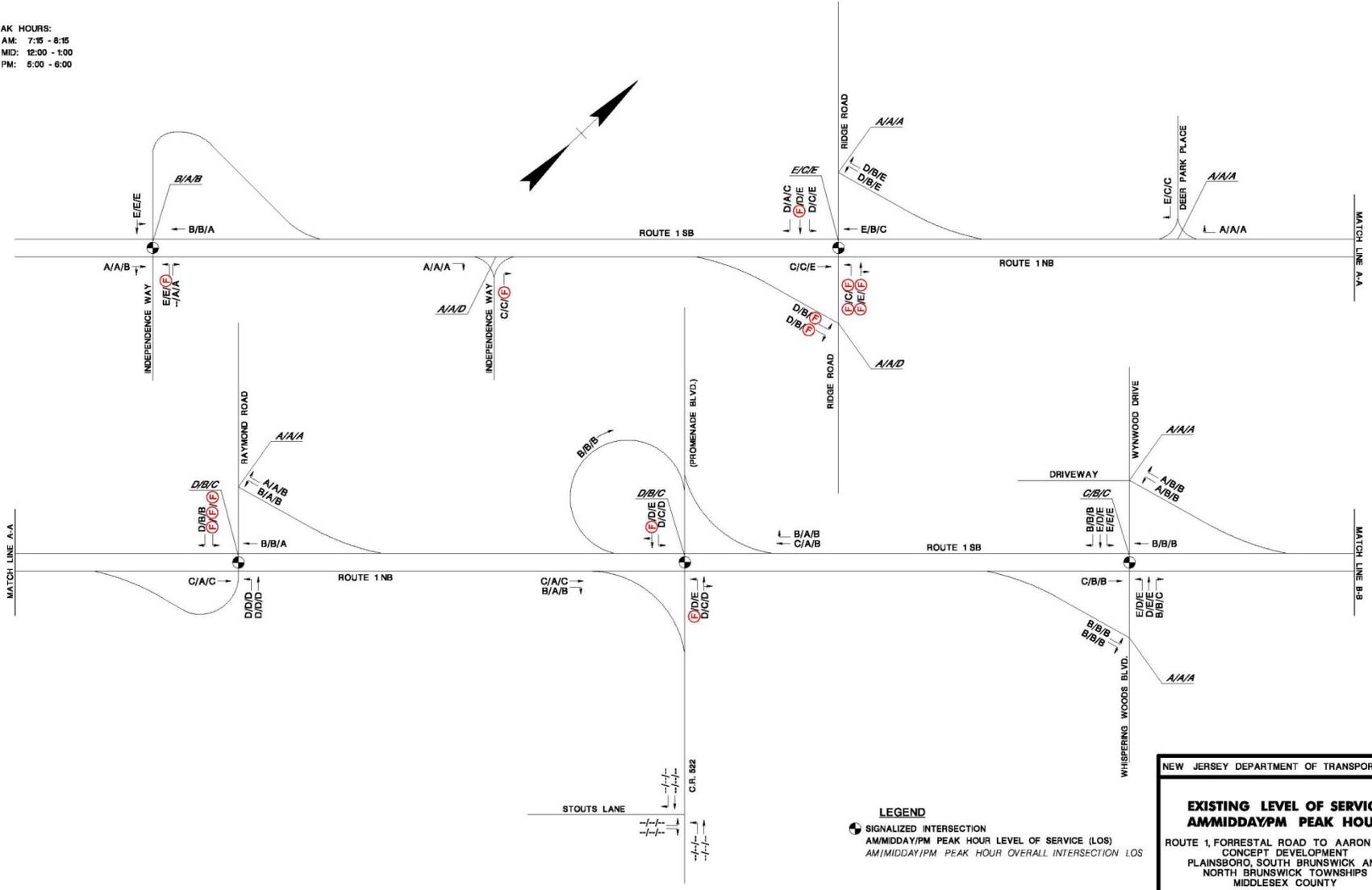
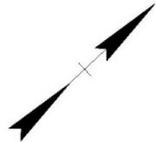
CMS Priority Ranking

US 1 (MP 13.30 - 22.50) Plainsboro, South Brunswick & North Brunswick Twps., Middlesex County

CMS Link Number	Begin Milepost	End Milepost	One-Way ADT (2006) (Veh./Day)	Overall Score	Priority Rating	System Top Percentile	County Top Percentile	MPO Top Percentile
FORRESTAL ROAD	12.4	13.4	29844	4.88	Low	55	68	60
COLLEGE ROAD	13.4	14.08	26686	4.36	Low	63	73	68
RIDGE ROAD	14.08	14.69	26686	7.94	High	9	12	12
CAMPUS DR/ DEER PARK PL	14.69	15.5	26686	6.96	Medium	20	34	23
RAYMOND ROAD	15.5	16.25	23248	6.03	Medium	35	52	41
PROMENADE BOULEVARD	16.25	16.7	28104	7.79	High	11	14	13
WYNWOOD DRIVE	16.7	17.2	28104	7.49	High	14	20	17
NEW ROAD	17.2	18	28104	8.66	High	4	4	5
SAND HILLS ROAD	18	18.35	28104	7.13	High	18	30	21
NORTH UMBERLAND WAY	18.35	19.35	28104	6.88	Medium	21	34	25
DEANS WAY/ HENDERSON ROAD	19.35	20.2	26624	7.16	High	17	29	21
BLACKHORSE LANE	20.2	20.7	31058	7.99	High	9	11	11
FINNEGANS LANE	20.7	21.2	32937	10	High	1	1	1
AARON ROAD	21.2	21.7	32937	5.66	Medium	42	58	47
COMMERCE BOULEVARD	21.7	22.4	36246	6.24	Medium	32	46	37
COZZENS LANE	22.4	22.7	36246	7.64	High	12	17	15

**Priority Ratings are based on the Overall Score of 0 to 10, as follows:
HIGH = 7.0+ MEDIUM = 5.0 – 6.9 LOW < 5.0**

PEAK HOURS:
 AM: 7:15 - 8:15
 MID: 12:00 - 1:00
 PM: 5:00 - 6:00



MATCH LINE A-A

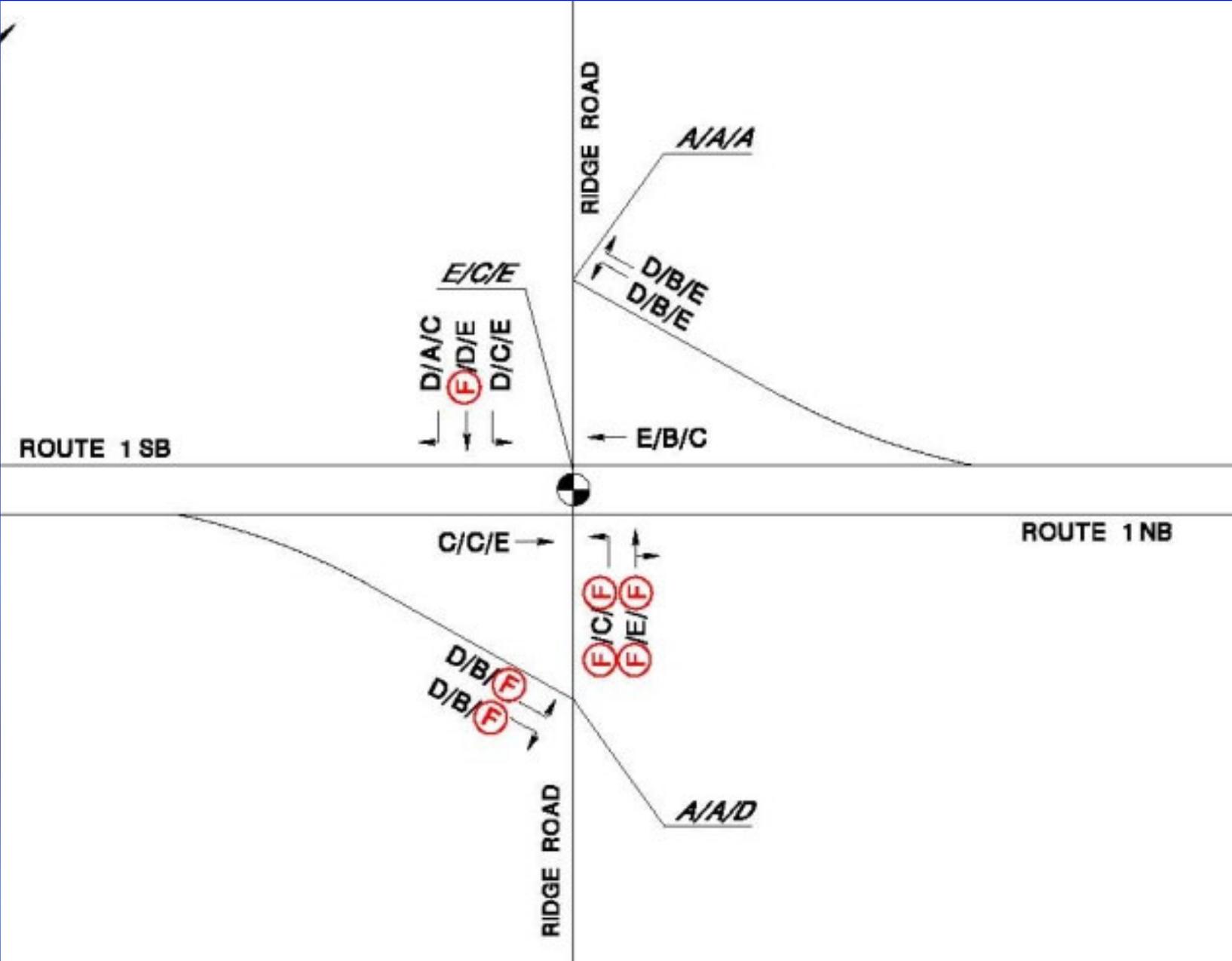
MATCH LINE A-A

MATCH LINE B-B

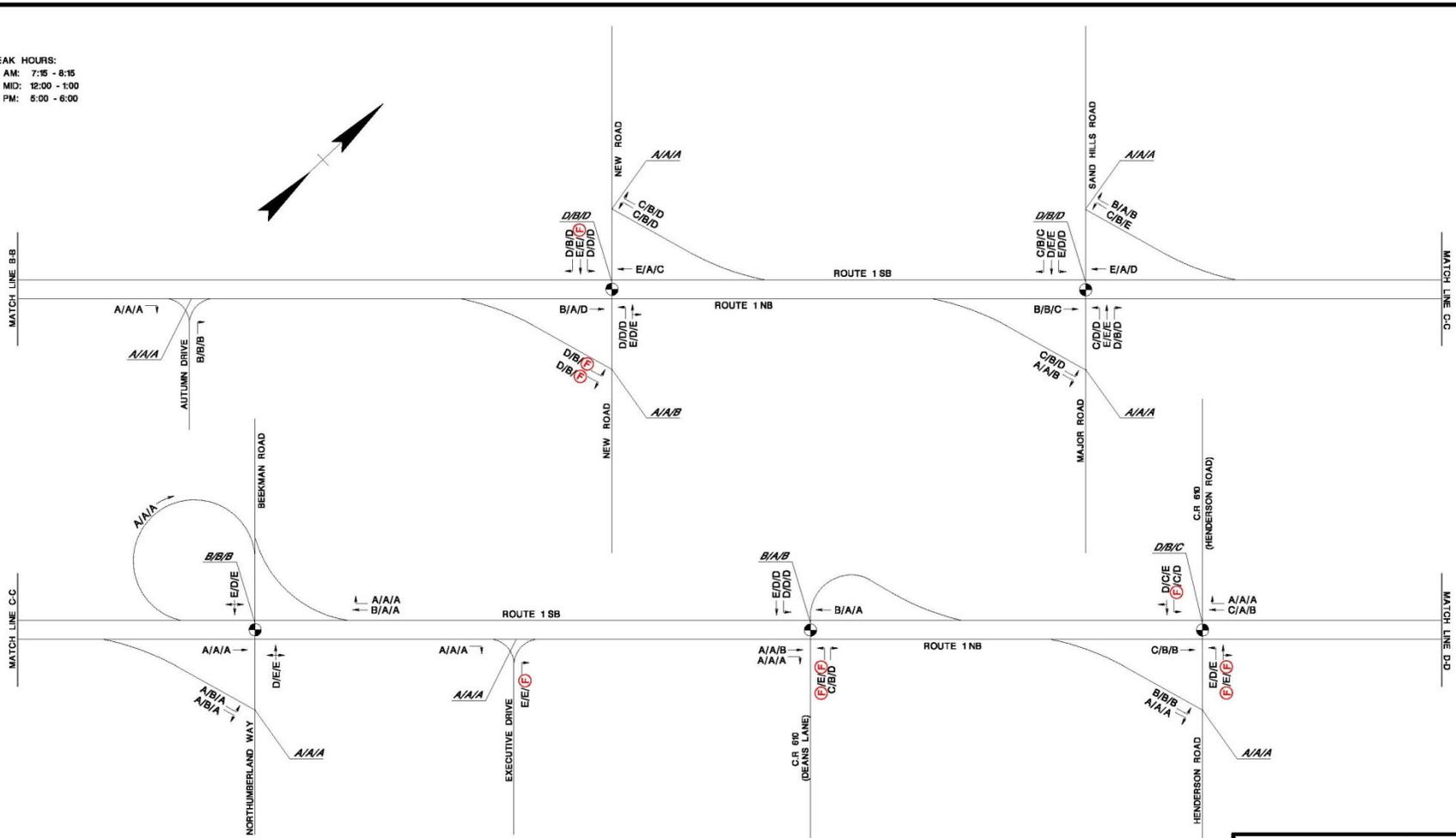
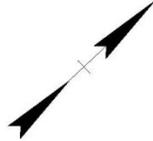
LEGEND
 ◉ SIGNALIZED INTERSECTION
 AM/MIDDAY/PM PEAK HOUR LEVEL OF SERVICE (LOS)
 AM/MIDDAY/PM PEAK HOUR OVERALL INTERSECTION LOS

NEW JERSEY DEPARTMENT OF TRANSPORTATION
**EXISTING LEVEL OF SERVICE
 AM/MIDDAY/PM PEAK HOUR**
 ROUTE 1, FORRESTAL ROAD TO AARON ROAD
 CONCEPT DEVELOPMENT
 PLAINSBORO, SOUTH BRUNSWICK AND
 NORTH BRUNSWICK TOWNSHIPS
 MIDDLESEX COUNTY
 N.T.S. OCTOBER 2008

1/3



PEAK HOURS:
 AM: 7:15 - 8:15
 MD: 12:00 - 1:00
 PM: 5:00 - 6:00



MATCH LINE B-B

MATCH LINE C-C

MATCH LINE C-C

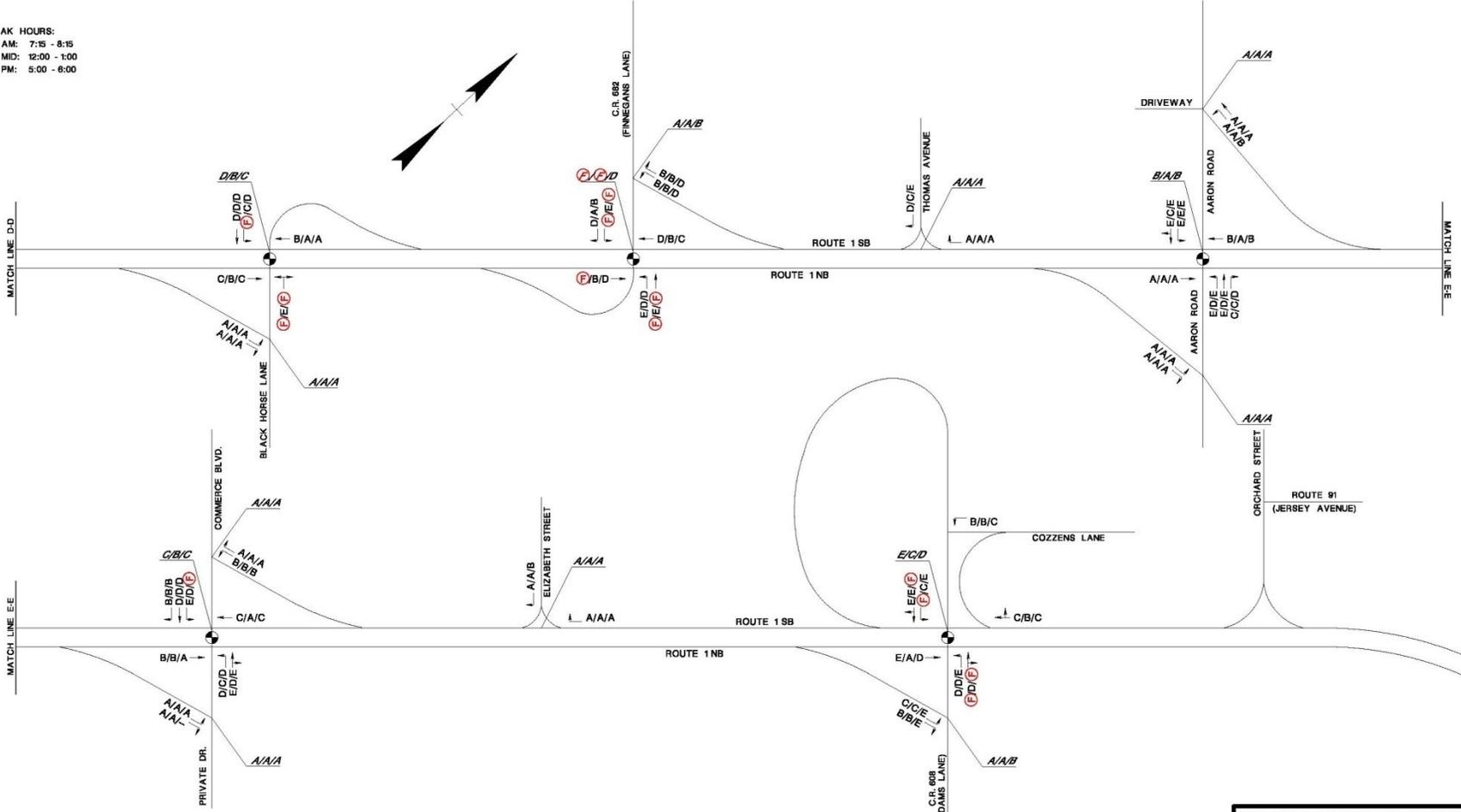
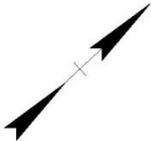
MATCH LINE D-D

LEGEND
 [Traffic Light Symbol] SIGNALIZED INTERSECTION
 [Traffic Light Symbol] AM/MIDDAY/PM PEAK HOUR LEVEL OF SERVICE (LOS)
 [Traffic Light Symbol] AM/MIDDAY/PM PEAK HOUR OVERALL INTERSECTION LOS

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 MIDDLESEX COUNTY
 N.T.S. OCTOBER 2009

2/3

PEAK HOURS:
 AM: 7:15 - 8:15
 MID: 12:00 - 1:00
 PM: 5:00 - 6:00



MATCH LINE D-D

MATCH LINE E-E

MATCH LINE E-E

LEGEND
 ● SIGNALIZED INTERSECTION
 ○ AM/MIDDAY/PM PEAK HOUR LEVEL OF SERVICE (LOS)
 ○ AM/MIDDAY/PM PEAK HOUR OVERALL INTERSECTION LOS

NEW JERSEY DEPARTMENT OF TRANSPORTATION

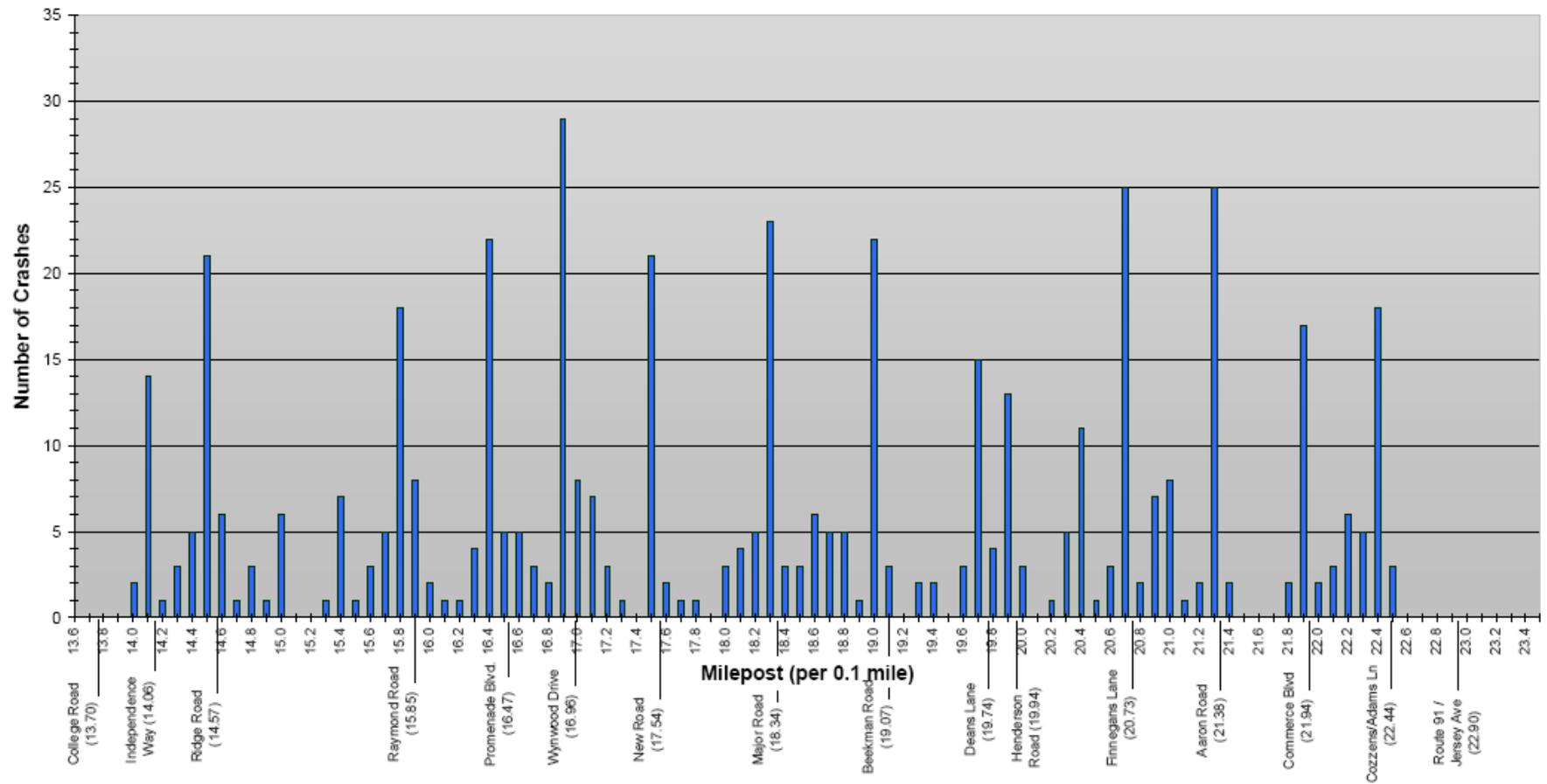
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N.T.S. OCTOBER 2008

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Route 1 Crashes (Mileposts 13.6-23.3)

■ 2008 Crashes



POSSIBLE ENVIRONMENTAL CONSTRAINTS:

- **WETLANDS**
- **RIPARIAN ZONES**
- **DEFORESTATION**
- **BALD EAGLE, WOOD TURTLE, BOG TURTLE
AND INDIANA BAT HABITATS**
- **HISTORIC SITES**
- **MINORITY AND OVER 65 YEARS AGE
POPULATIONS**
- **AREAS OF KNOWN CONTAMINATION**

CONCEPT DEVELOPMENT DESIGN SCHEDULE

- **DEVELOP PURPOSE AND NEED STATEMENT**
MARCH 2010
- **DEVELOP ALTERNATIVES / IDENTIFY BREAKOUT PROJECTS**
JUNE 2010
- **COMPLETE CONCEPT DEVELOPMENT REPORT**
DECEMBER 2010

COMMUNITY OUTREACH

- **COMMUNITY OUTREACH PROCESS**

- **PROJECT WEBSITE**

- <http://www.state.nj.us/transportation/works/studies/rte1forrestaltoaaron/>

- **PUBLIC MEETINGS**

- **CORRIDOR ADVISORY COMMITTEE (CAC)**

- **MEMBER'S LIST**

- **POSSIBLE MEETING DATE**

- **CAC PORTFOLIO**

**ANY QUESTIONS
OR
COMMENTS?**