



REPORTED CONCERNS

“Tractor-trailers of gasoline, hazardous materials, cars, box trucks, and mail trucks all hours of the day & night”

"SR 9 is cracked
across NB lanes
shortly after
being repaved"

"Unstable Road...
No base under the
road, just 'marsh' mud...
Cannot continue to hold
the amount of trucks
using SR 9"

“Trucks ignoring ‘local services’ signing – there are no truck services in New Castle on SR 9 all the way up to SR 141”

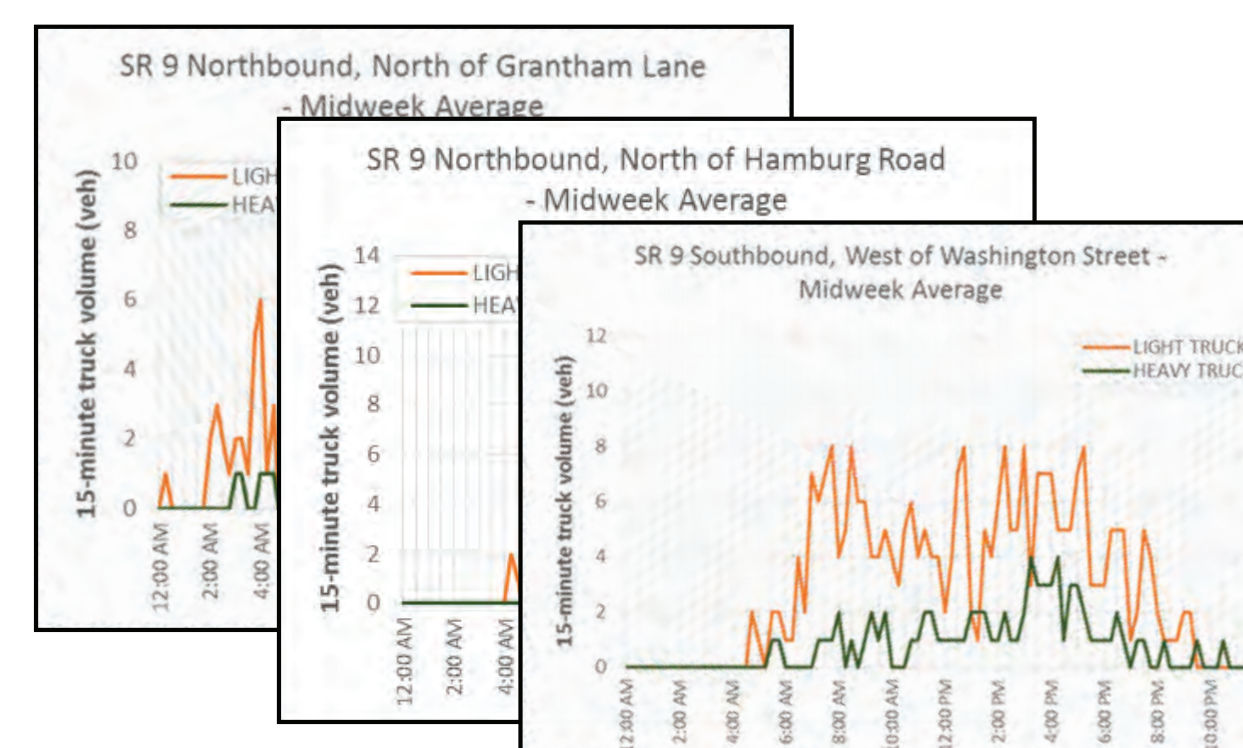
“Using engine
brakes right in
front of homes”

EXTENSIVE DATA COLLECTION EFFORTS SINCE APRIL 2017

Truck Traffic Generators



Automatic Traffic Recorder (ATR) Count Data 11 Locations

[illegible]

Turning Movement Counts

4 Locations & 12 Existing Counts

Origin / Destination Studies





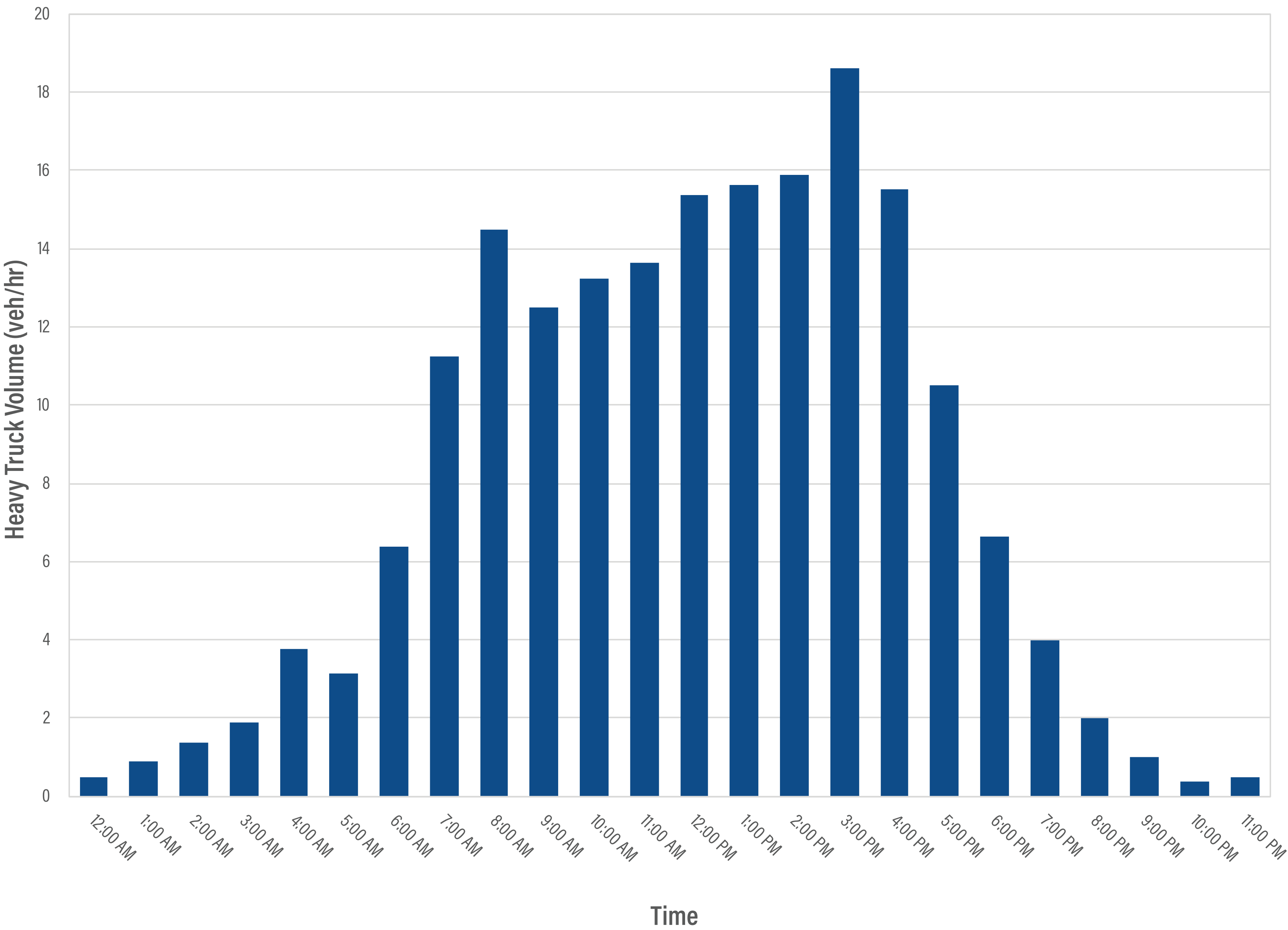
COUNT DATA RESULTS



HIGHEST HOURLY TRUCK VOLUMES AT CRITICAL INTERSECTIONS

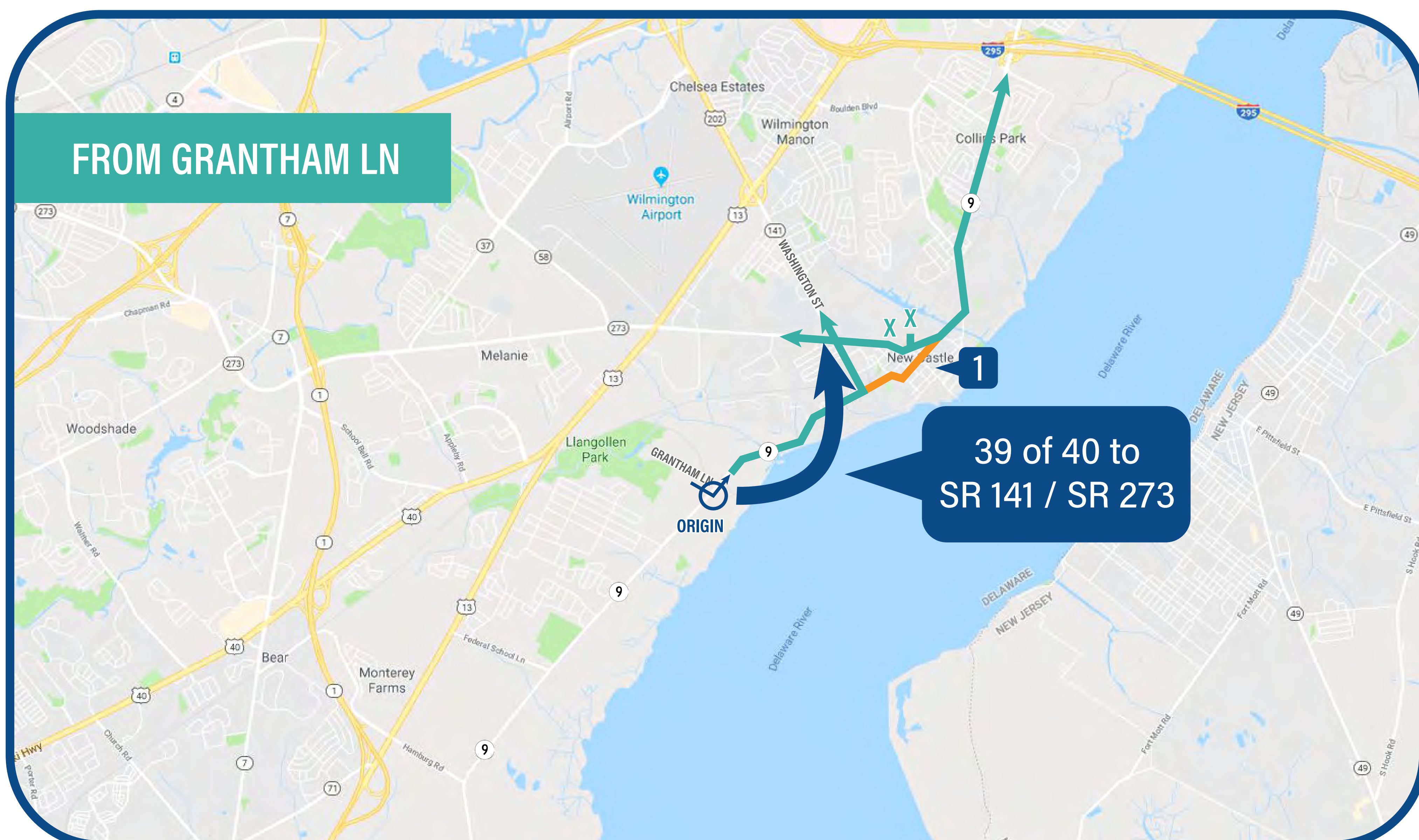
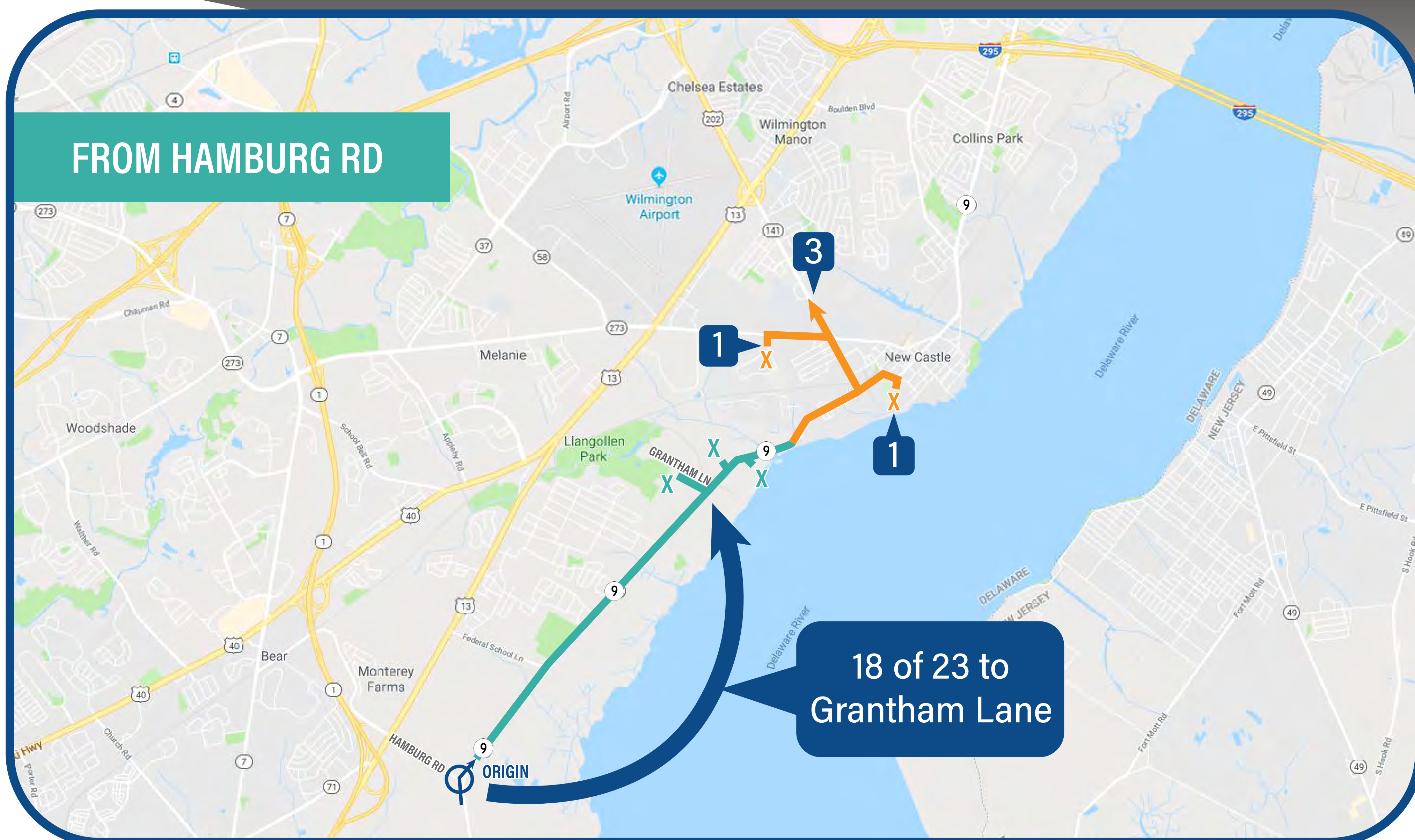


SR 9 AVERAGE HEAVY TRUCK VOLUME (HAMBURG ROAD TO CHERRY LANE)





WHERE ARE TRUCKS GOING ALONG NB SR 9?



POTENTIAL ALTERNATE ROUTE: SR 9 → HAMBURG RD → US 13

— Additional 10 minutes of travel — Additional 6.7 miles of travel

— USER COST OF \$6,260 PER DAY



WHERE ARE TRUCKS GOING ALONG SB SR 9?



FROM SR 141 / SR 273

59 of 72 to
Grantham Lane
Area

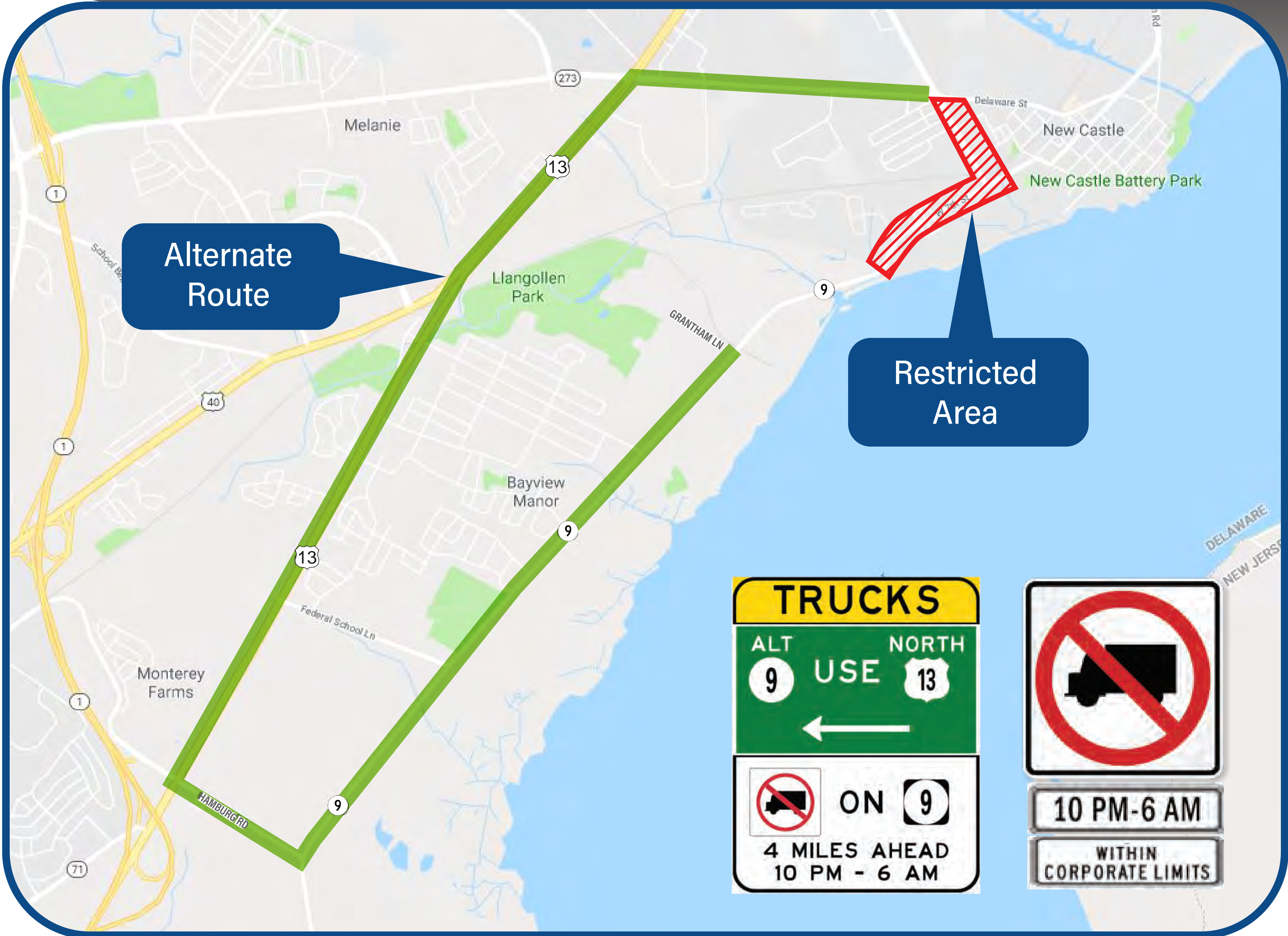
FROM MOORES LANE

13 of 55 to
Grantham Lane
Area



POTENTIAL SOLUTION

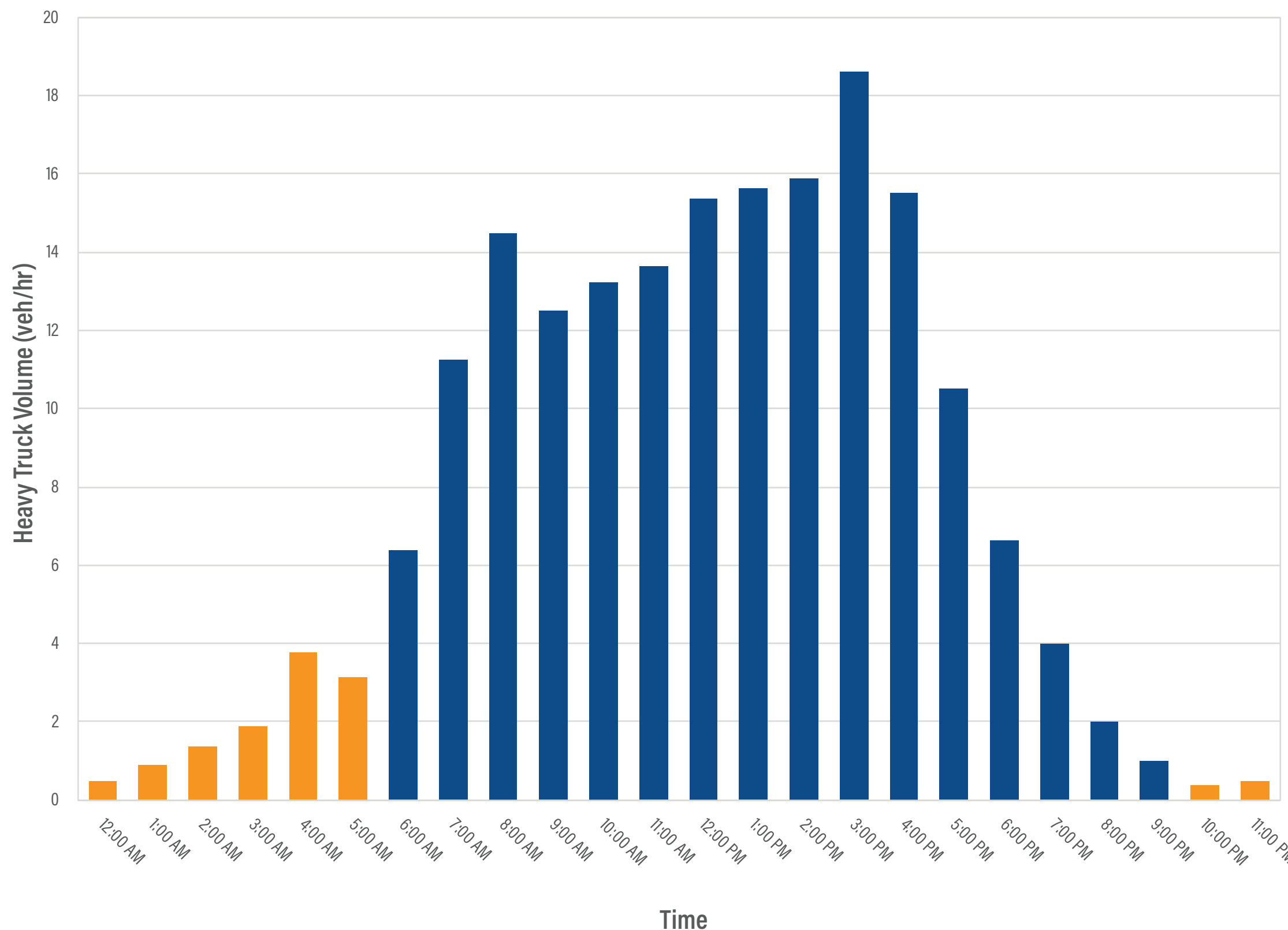
NIGHTTIME TRUCK RESTRICTION



ESTIMATED USER COSTS OF REROUTING: SR 9 → HAMBURG RD → US 13

- Approximately 45 light trucks / 19 heavy trucks per night impacted
- Nighttime travel time: Additional 9 minutes of travel
- Additional 6.7 miles of travel
- **\$560 PER NIGHT IN USER COSTS**

SR 9 AVERAGE HEAVY TRUCK VOLUME (HAMBURG ROAD TO CHERRY LANE)

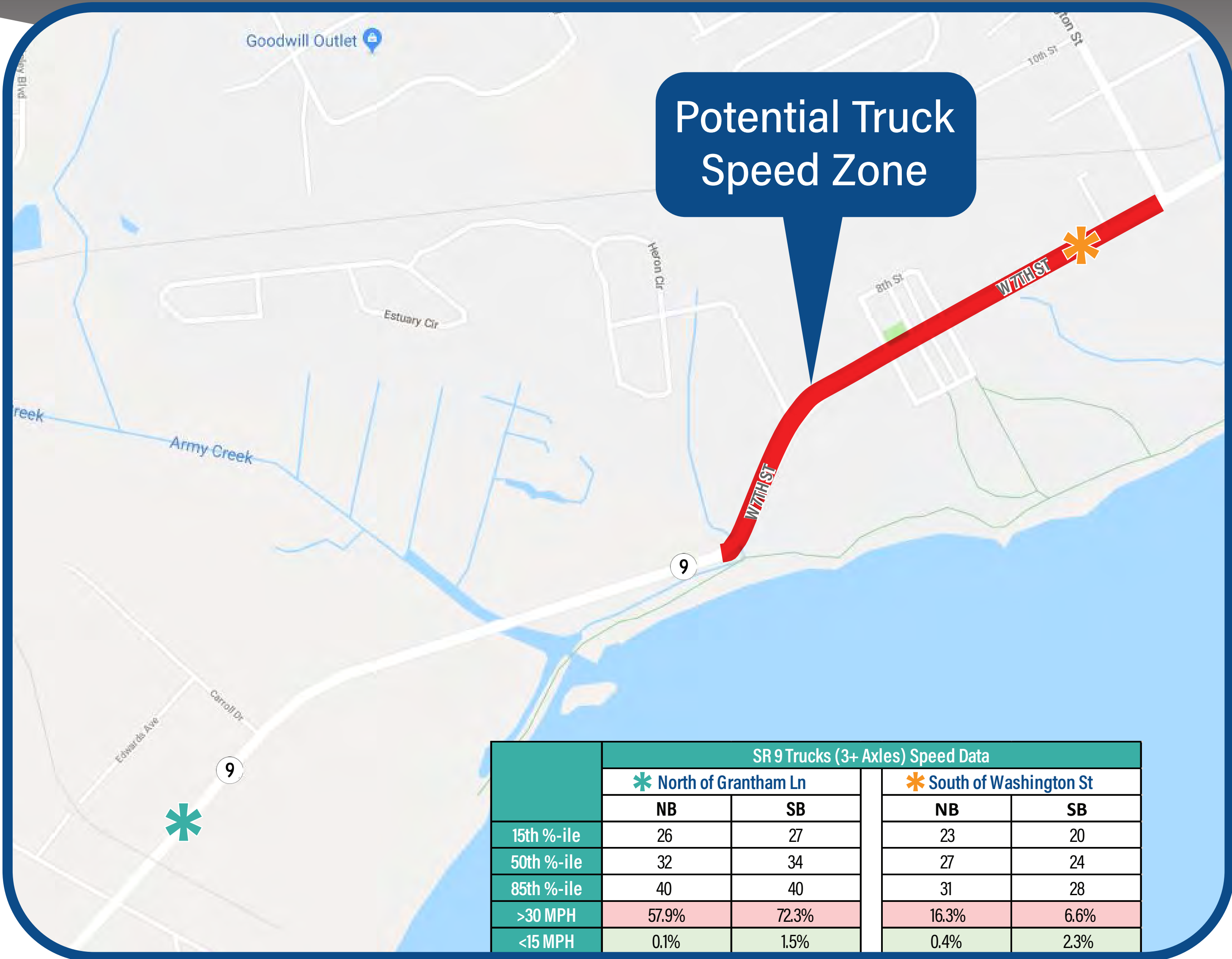




POTENTIAL SOLUTIONS



**TRUCK SPEED
LIMIT (15 MPH)
IN DOBBINSVILLE VICINITY –
CITY LIMITS TO
WASHINGTON STREET**



**CITY OF
NEW CASTLE
AND
DSP CUEU TO
ENFORCE
RESTRICTIONS**



TRUCK DIVERSION SIGN

- At Hamburg Road in addition to existing “local services” sign
- No diversion signing is currently present
- Install similar sign(s) for southbound traffic

**ENGINE
COMPRESSION
BRAKE
("JAKE BRAKE")
RESTRICTION
WITHIN CITY LIMITS**

