

Citywide Congested Corridors Project

Amboy Road

Guyon Avenue to Arden Avenue
Staten Island

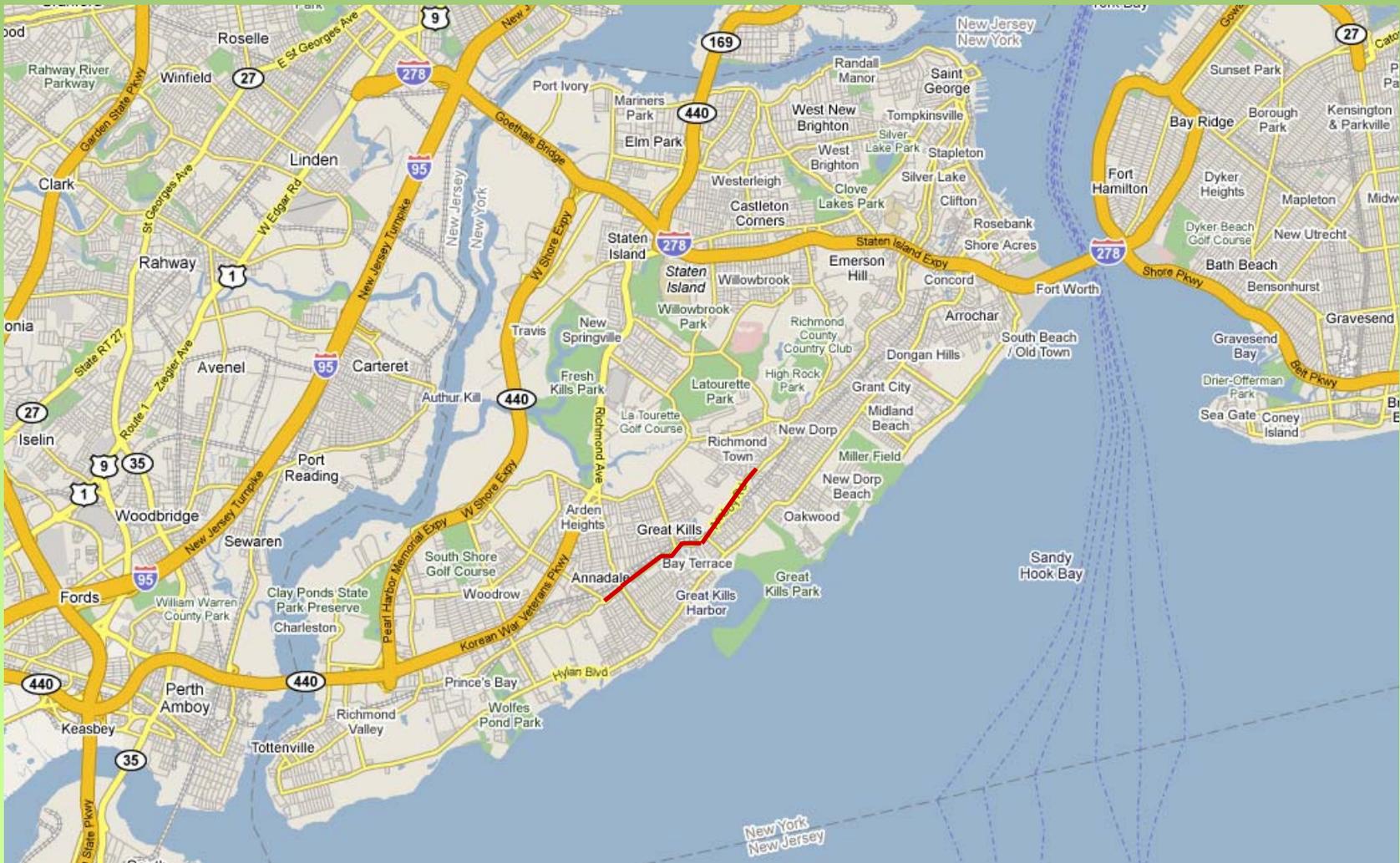
SHORT AND LONG TERM IMPROVEMENTS



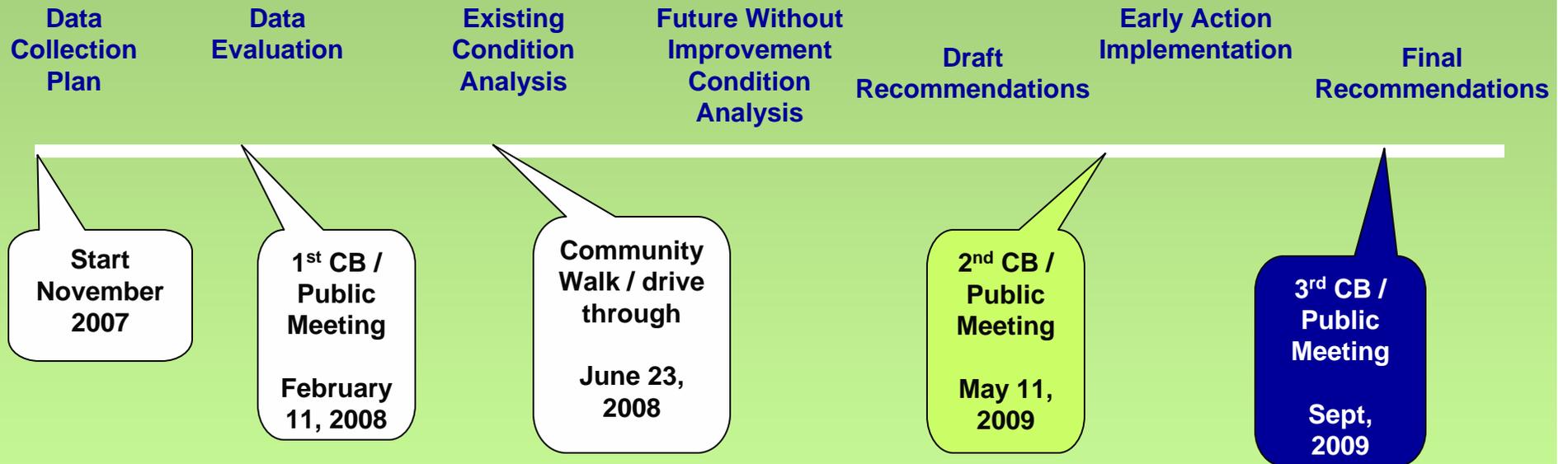
May 11th, 2009

STUDY AREA

Amboy Road from Guyon Ave to Arden Ave

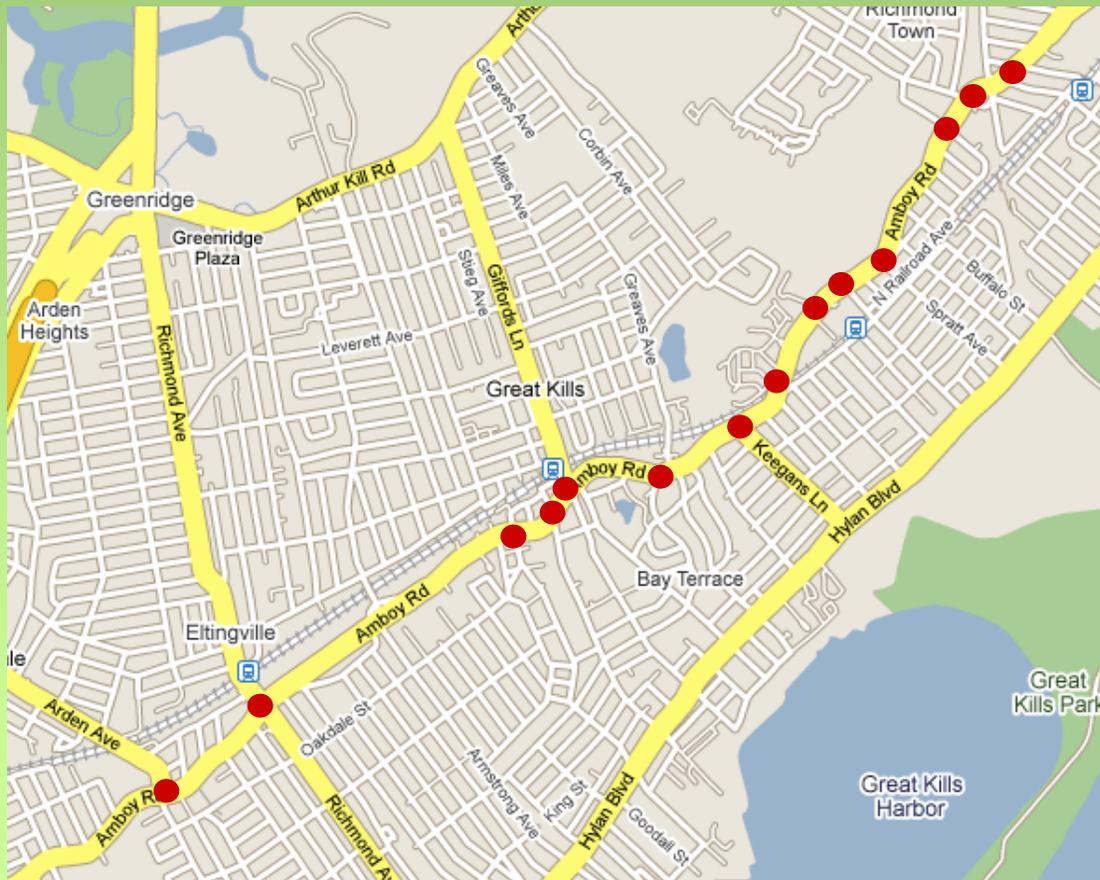


PROJECT STATUS



PROPOSED SHORT TERM IMPROVEMENTS

Signal Timing Adjustment Locations



- Amboy Rd & Guyon Ave
- Amboy Rd & Clark Ave
- Amboy Rd & Montreal Ave
- Amboy Rd & Riviera Plaza
- Amboy Rd & Justin Ave
- Amboy Rd & Timber Ridge Dr
- Amboy Rd & Evergreen Plaza
- Amboy Rd & Keegans Lane
- Amboy Rd & Great Kills Rd
- Amboy Rd & Giffords Lane
- Amboy Rd & Nelson Ave
- Amboy Rd & Lindenwood Rd
- Amboy Rd & Richmond Ave
- Amboy Rd & Arden Ave

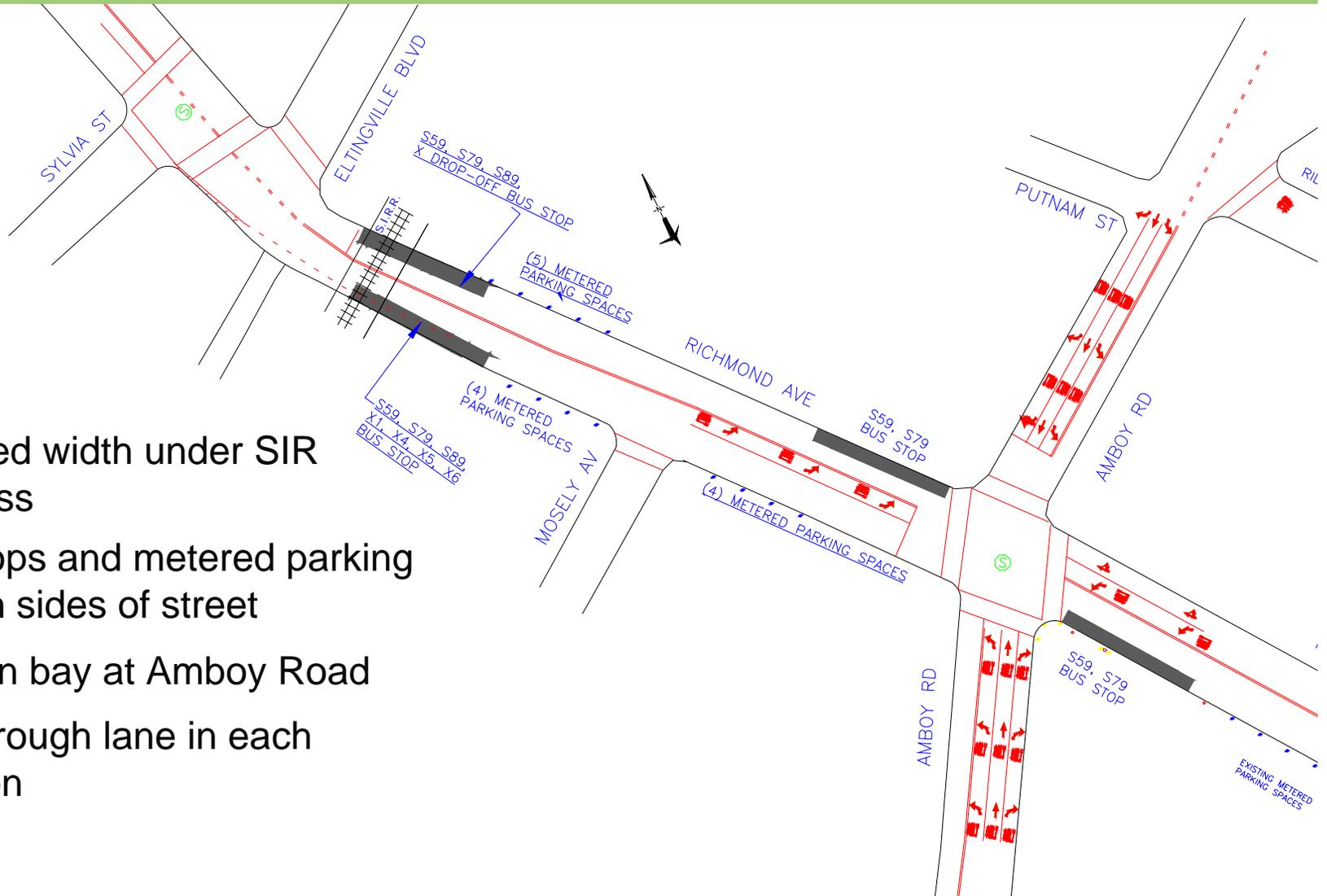
SITE SPECIFIC IMPROVEMENTS

Richmond Ave from Silvia St to Amboy Rd

Amboy Rd

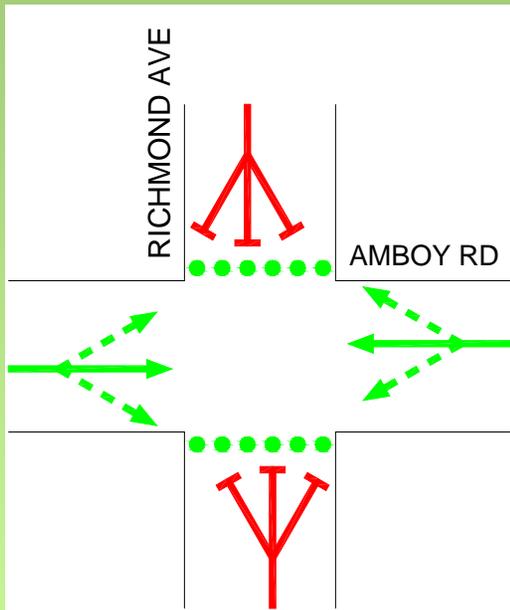
EXISTING CONDITION

- Reduced width under SIR overpass
- Bus stops and metered parking on both sides of street
- Left turn bay at Amboy Road
- One through lane in each direction

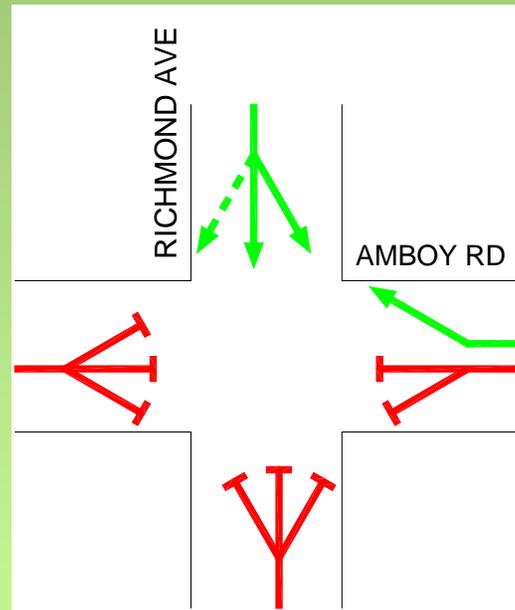


Richmond Ave and Amboy Road

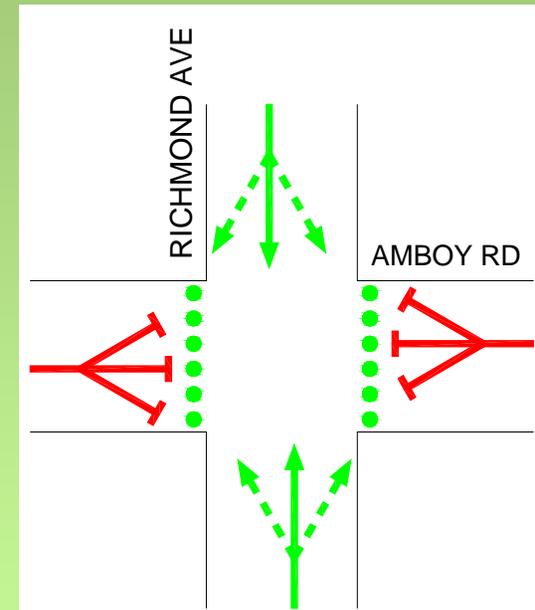
EXISTING SIGNAL TIMING



PHASE 1
 AM 36 sec
 Midday 33 sec
 PM 38 sec
 Sat 33 sec

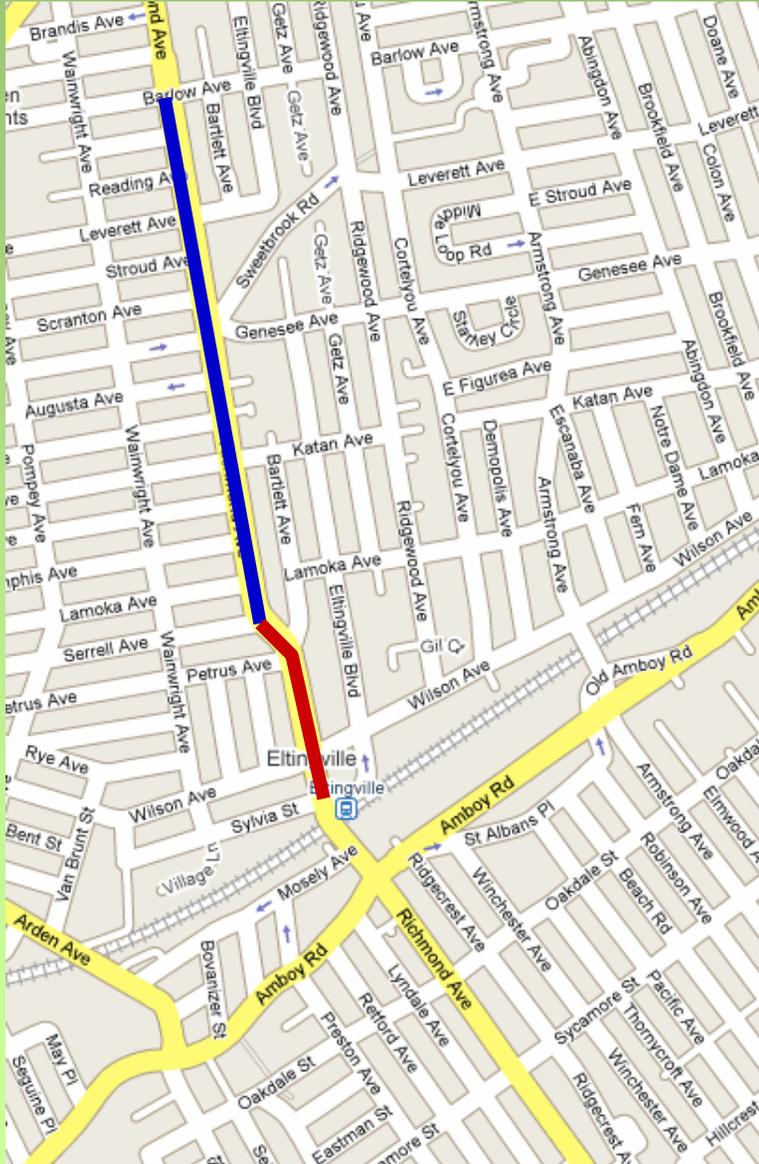


PHASE 2
 AM 14 sec
 Midday 14 sec
 PM 15 sec
 Sat 14 sec

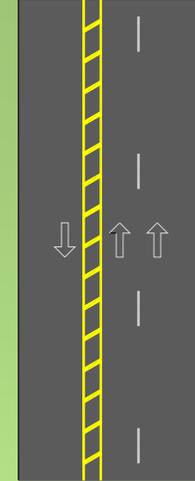


PHASE 3
 AM 40 sec
 Midday 43 sec
 PM 37 sec
 Sat 43 sec

Richmond Ave and Amboy Rd PROPOSED SHORT TERM IMPROVEMENTS

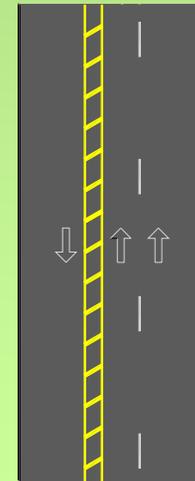


**Richmond Ave from
Barlow Ave to Serrell Ave:**



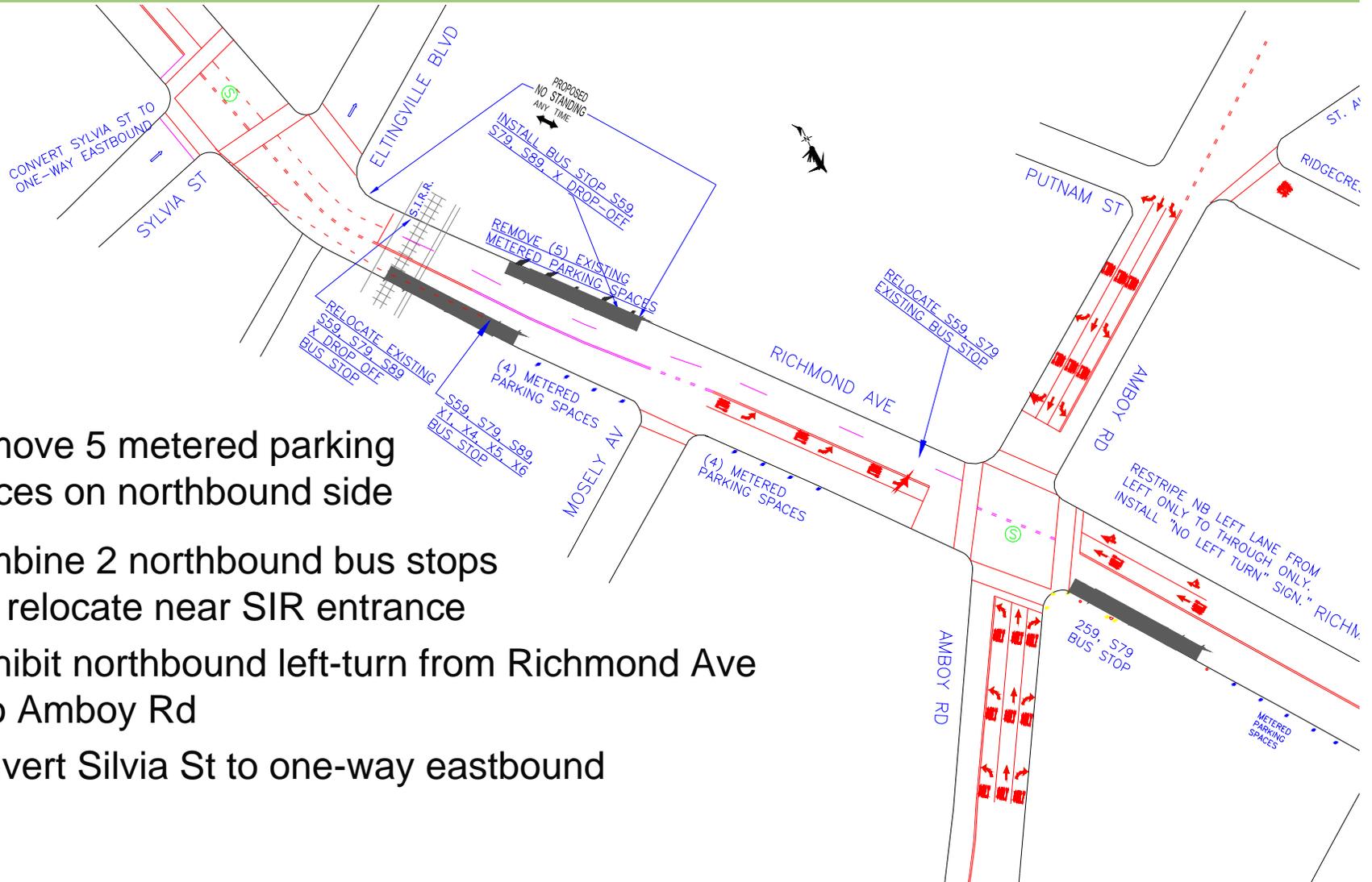
**Richmond Ave from
Serrell Ave to Sylvia St:**

**REVERSE LANE
ARRANGEMENT TO
MATCH WITH
NORTHERN SECTION**



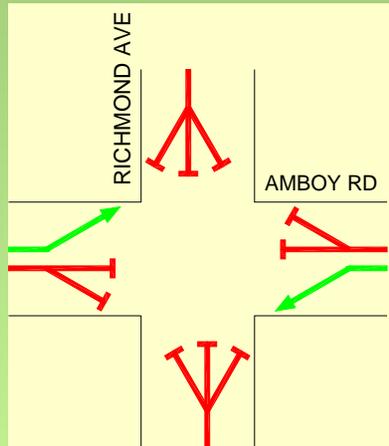
Richmond Ave from Silvia St to Amboy Rd Amboy Rd

PROPOSED SHORT TERM IMPROVEMENTS PROVIDE 2 NORTHBOUND THROUGH LANES

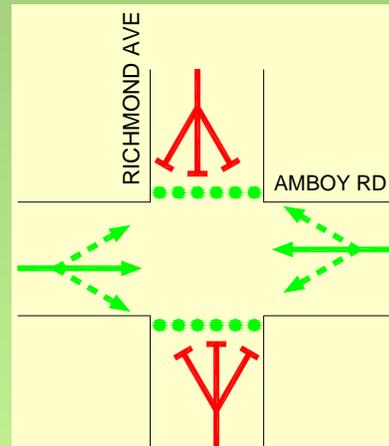


- Remove 5 metered parking spaces on northbound side
- Combine 2 northbound bus stops and relocate near SIR entrance
- Prohibit northbound left-turn from Richmond Ave onto Amboy Rd
- Convert Silvia St to one-way eastbound

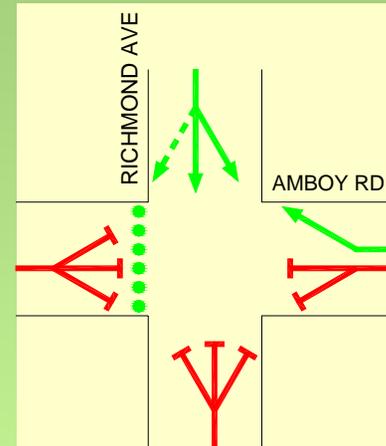
Richmond Ave and Amboy Road PROPOSED SIGNAL TIMING



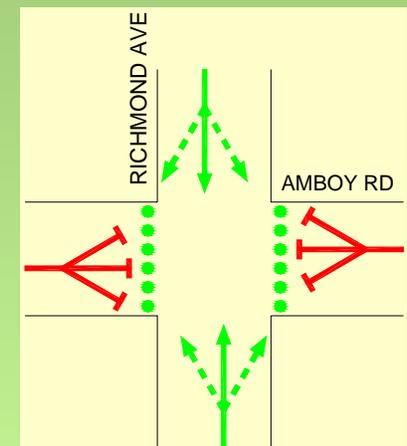
PHASE 1
 AM 12 sec
 Midday 12 sec
 PM 12 sec
 Sat 12 sec



PHASE 2
 AM 39 sec
 Midday 37 sec
 PM 34 sec
 Sat 35 sec



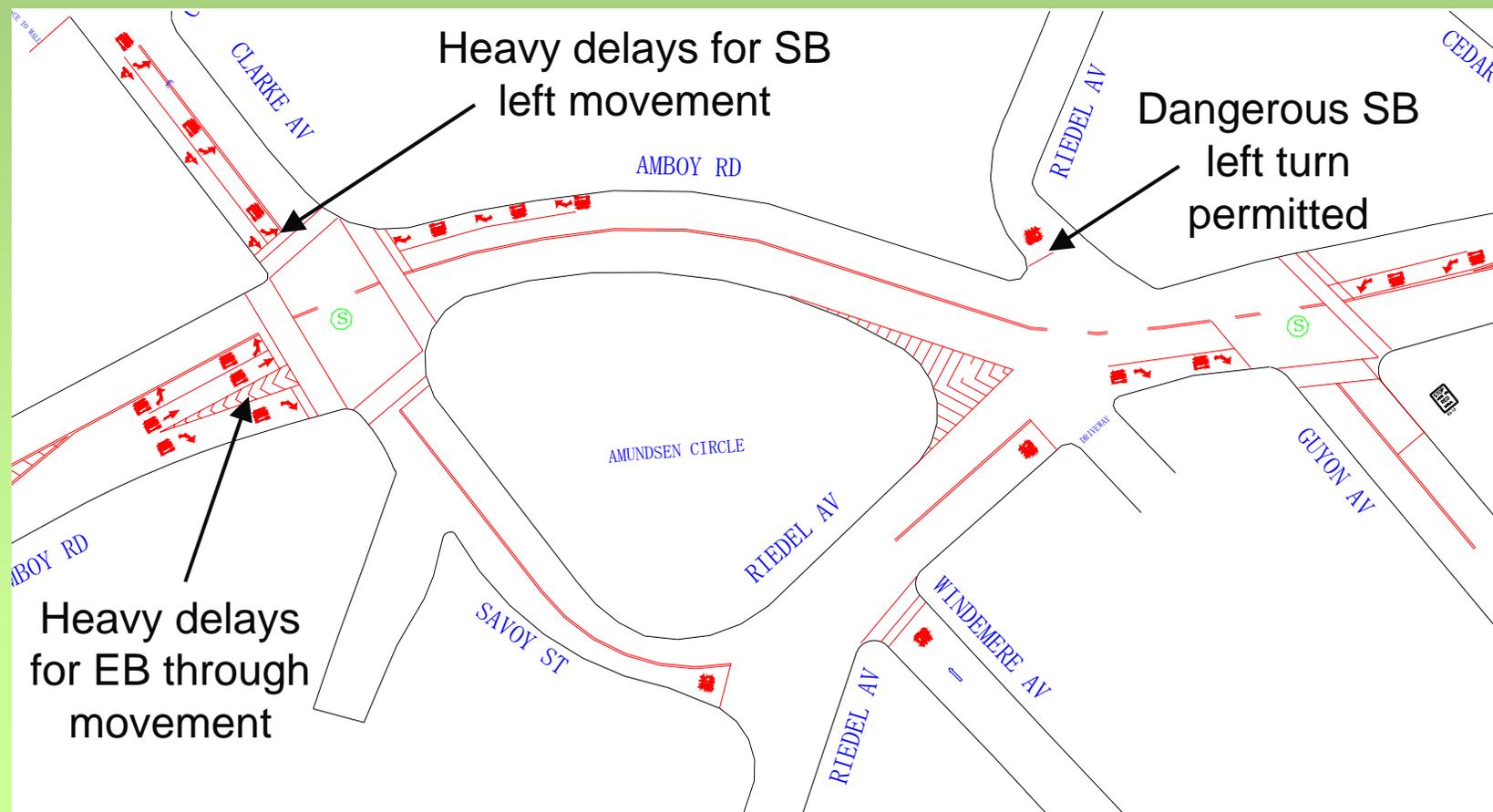
PHASE 3
 AM 13 sec
 Midday 13 sec
 PM 13 sec
 Sat 13 sec



PHASE 4
 AM 26 sec
 Midday 28 sec
 PM 31 sec
 Sat 30 sec

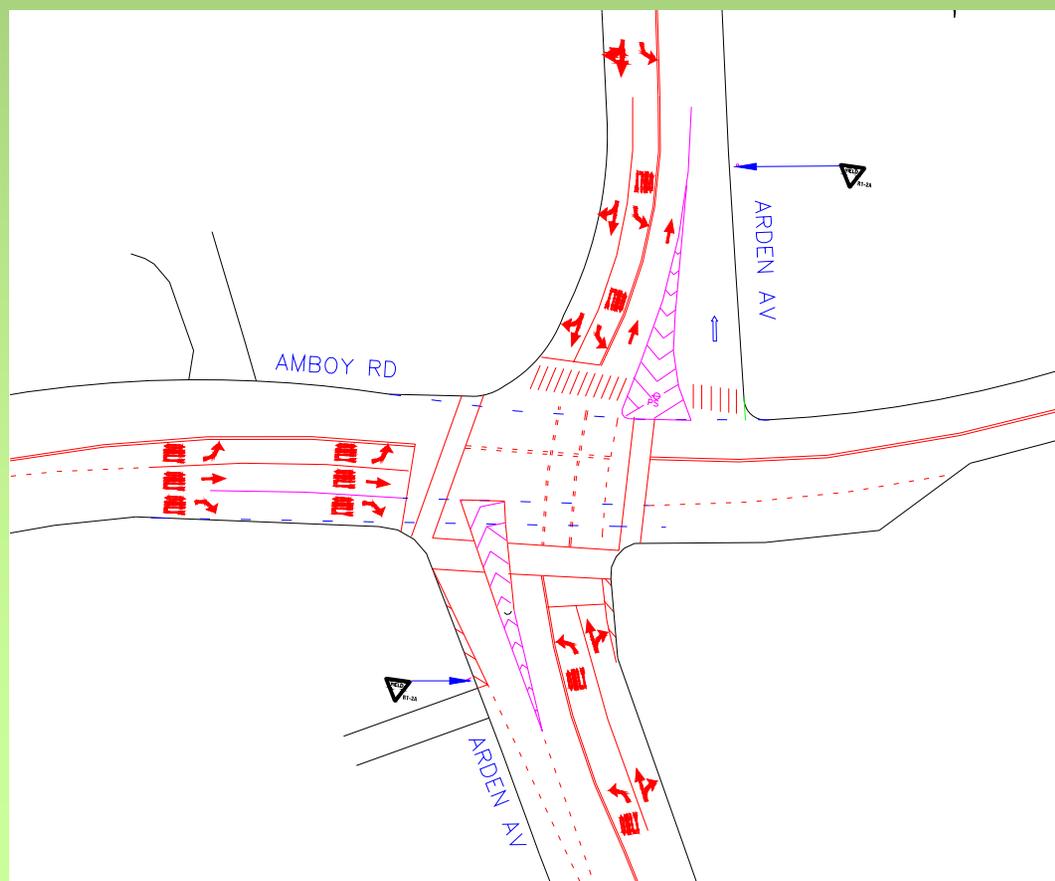


Amboy Road from Clarke Ave to Guyon Ave EXISTING CONDITIONS





Arden Ave and Amboy Rd EXISTING CONDITION



- Skewed, offset intersection
- Painted islands flush with roadway



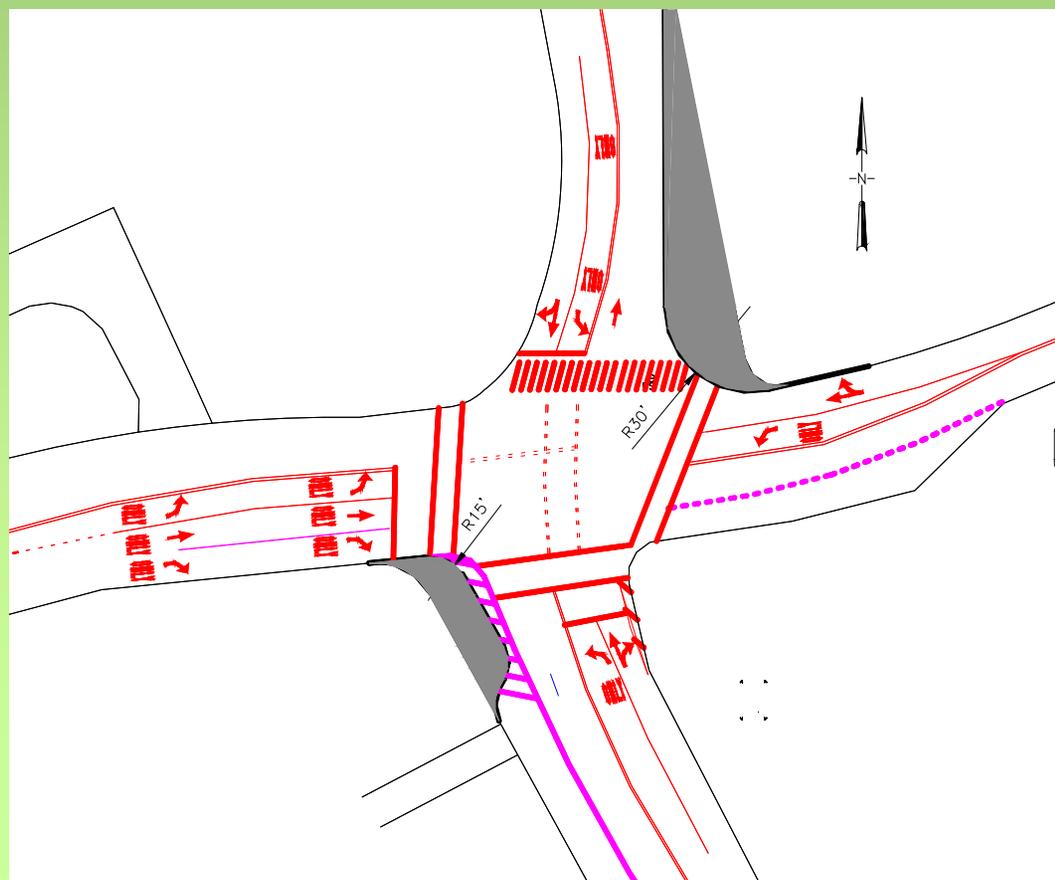
Arden Ave and Amboy Rd PROPOSED IMPROVEMENTS

SHORT TERM

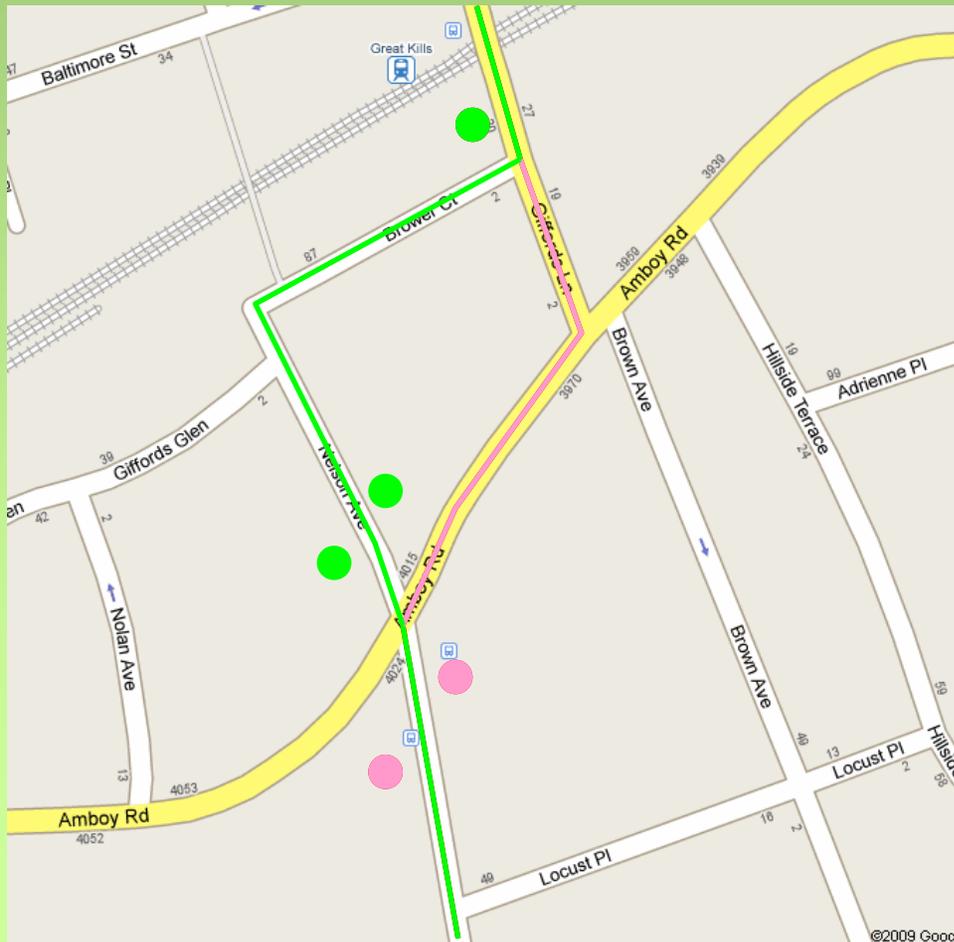
- Provide WB left-turn bay

LONG TERM

- Extend curb at NE corner to normalize intersection
 - Relocate signal pole and mast arm
- Extend curb at SW corner to normalize intersection



Amboy Road and Nelson Ave/ Giffords Lane PROPOSED SHORT TERM IMPROVEMENTS



EXISTING S54 BUS ROUTE

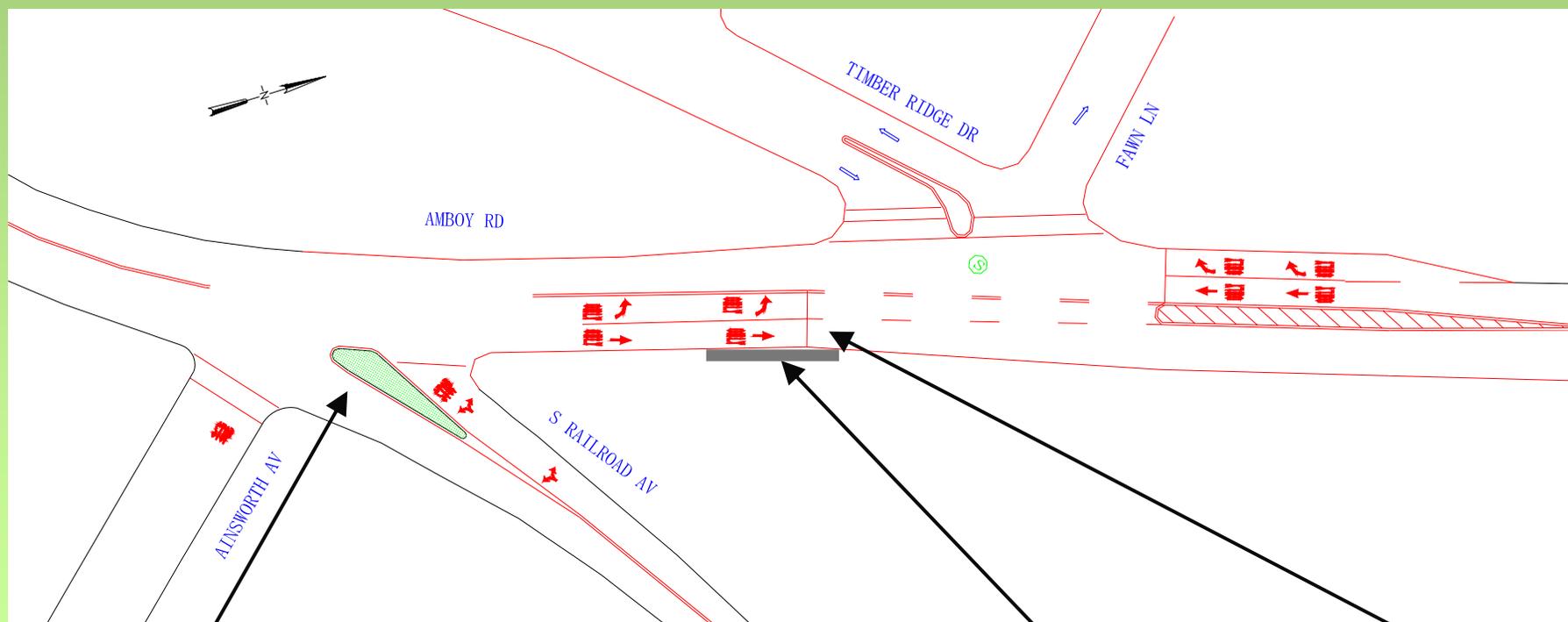
- Existing route
- Existing bus stop

PROPOSED S54 BUS ROUTE

- Proposed route
- Previous route
- Proposed bus stop
- Bus stop removed



Amboy Rd from Ainsworth Ave to Fawn Lane EXISTING CONDITION



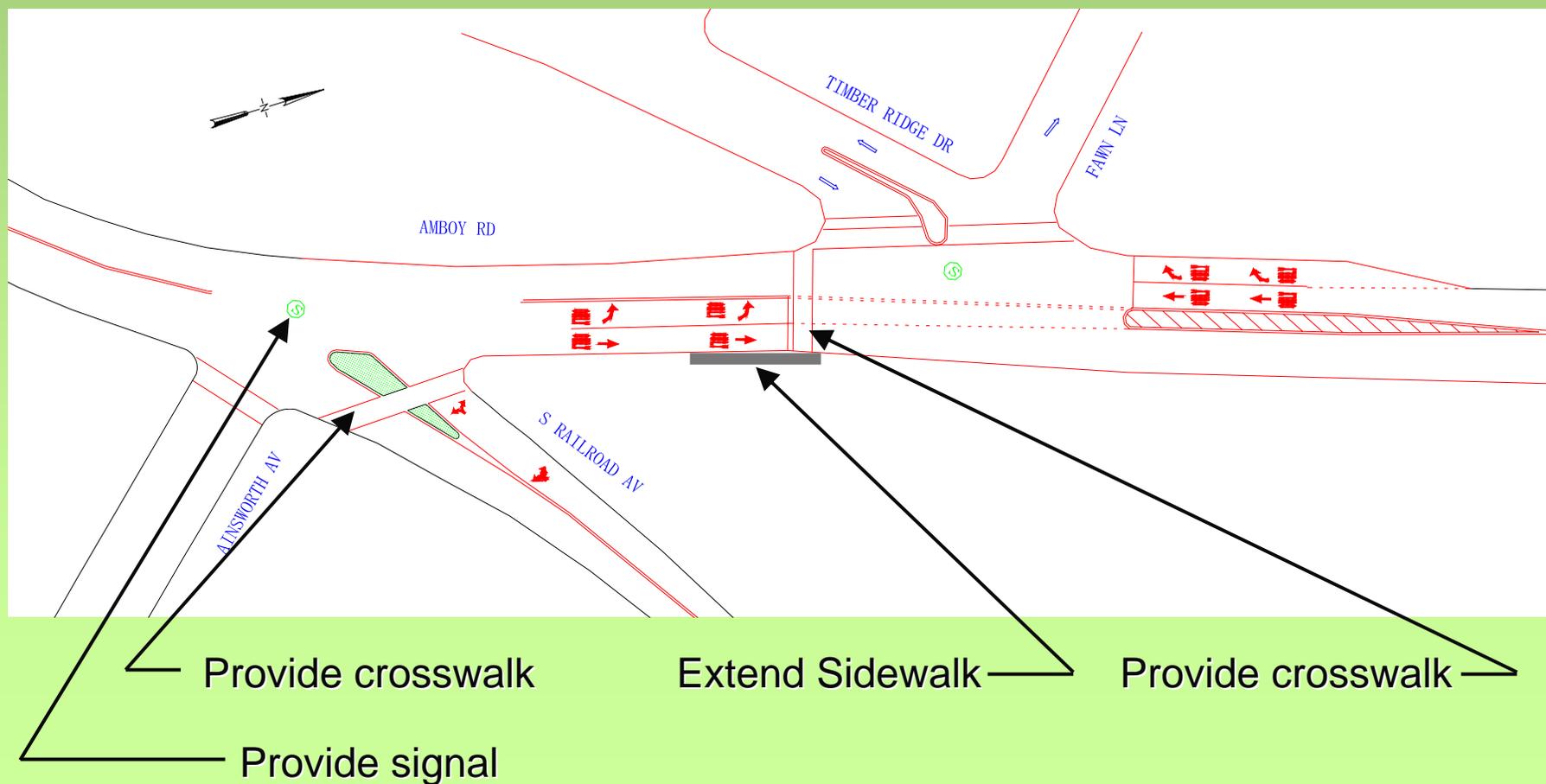
No crosswalk
across S. Railroad Ave.

No sidewalk in this
area

No crosswalk
across Amboy Rd



Amboy Rd from Ainsworth Ave to Fawn Lane PROPOSED LONG TERM IMPROVEMENTS



Provide crosswalk

Extend Sidewalk

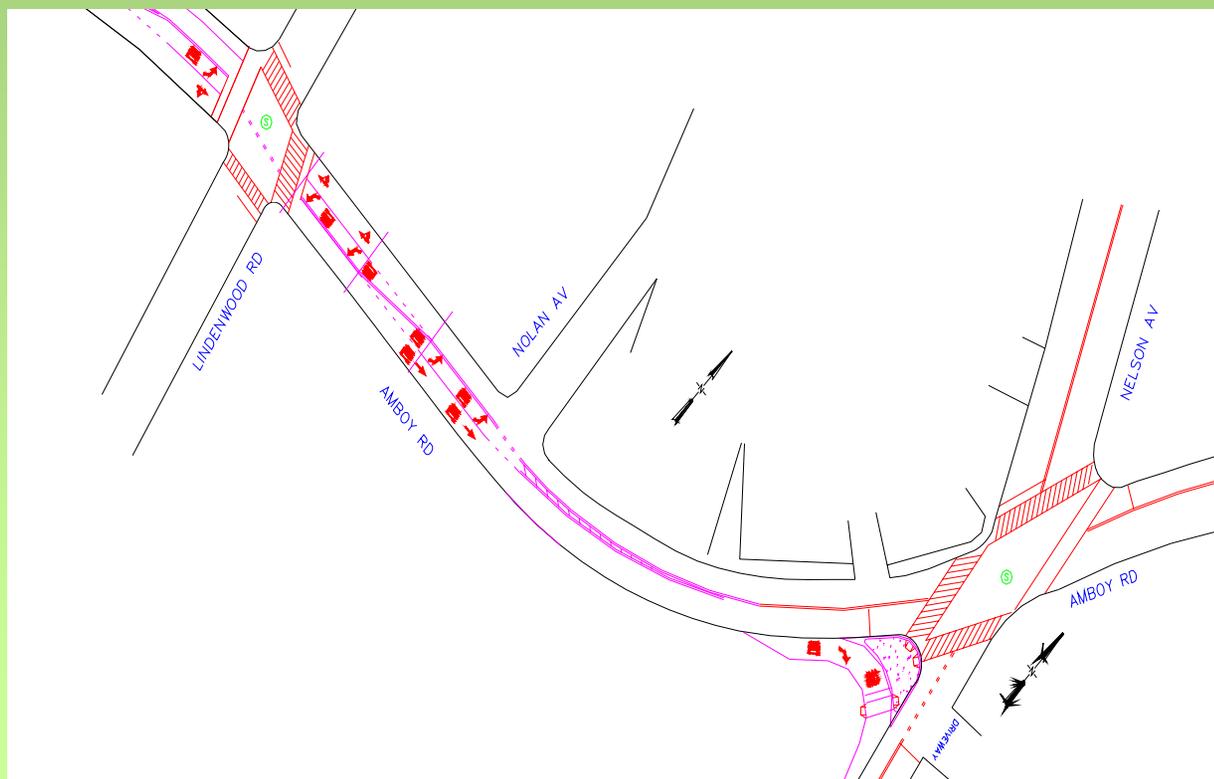
Provide crosswalk

Provide signal



Amboy Rd from Lindenwood Rd to Nelson Ave

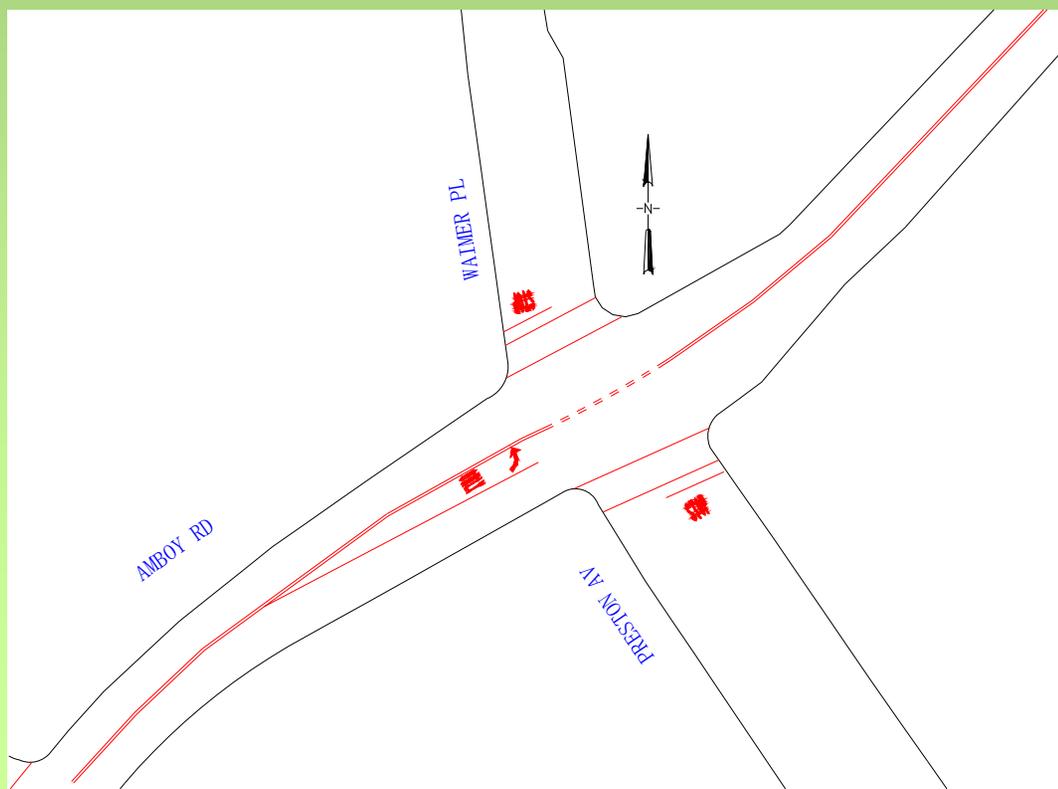
PROPOSED SHORT TERM IMPROVEMENTS



- Provide left turn bays at east and west legs of Lindenwood Ave and west leg of Nolan Ave
- Construct channelization for eastbound right turn at Nelson Ave



Amboy Road and Waimers Pl / Preston Ave PROPOSED SHORT TERM IMPROVEMENT



- Install left-turn bay for eastbound Amboy Rd