NEW DORP LANE MILL RD TO HYLAN BLVD

School Safety Improvements

Presentation for CB 2 | May 7, 2018





- Students arrive to New Dorp High School on south side of New Dorp Ln
- Long distances to marked or controlled pedestrian crossings

Students walk to school through shopping plaza to New Dorp Ln Students ride S76/S86 bus to school and get off on south curb

STATES OF

Students are driven to school by car and dropped off on south curb

signalized crossings

New Dorp HS

• Students walk shortest path across New Dorp Ln to New Dorp High School





- Students get off and cross in front of bus •
- Poor visibility between pedestrians and passing drivers on New Dorp Ln ٠

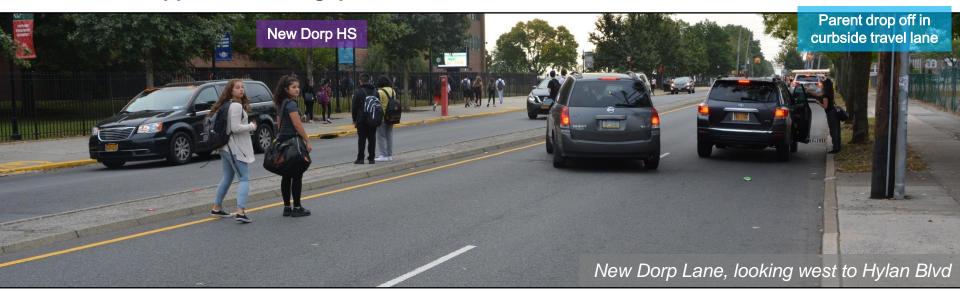


New Dorp Lane, looking west to Hylan Blvd



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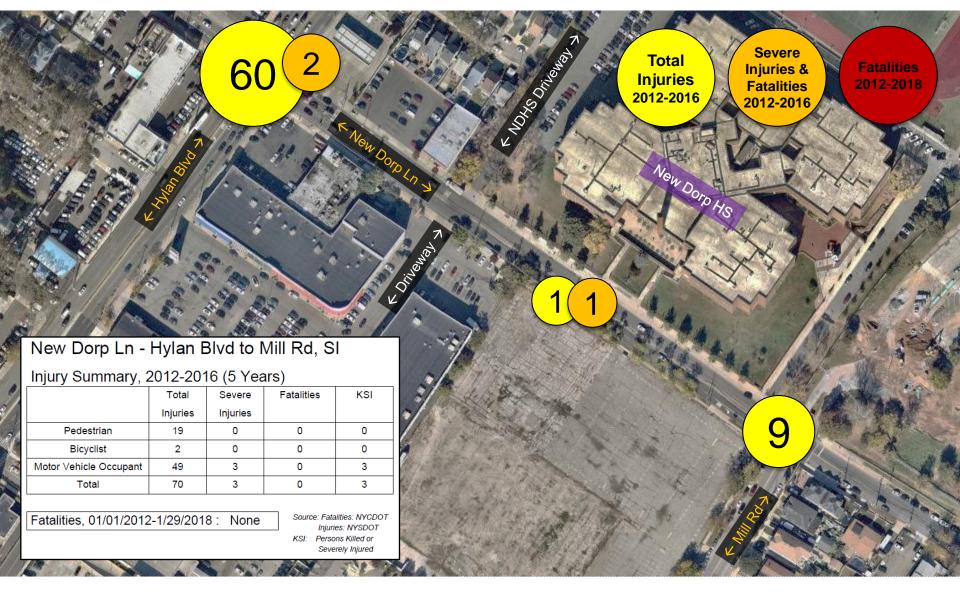
 Students are driven by car and dropped off on south curb, crossing New Dorp Ln between stopped cars and gaps in traffic





SAFETY DATA

 New Dorp Ln is a High Crash Corridor with 14.7 KSI per mile, ranking in the top 10% of Staten Island corridors (2012-2016)



TRAFFIC VOLUME

• EB New Dorp Ln shifts from 1 lane to 2 lanes, carrying a maximum of 194 vehicles per lane per hour between shopping plaza driveway and Mill Rd

New Dorp HS

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Weekday Peak Hour Volumes: 334 vehicles per lane (AM) 446 vehicles per lane (PM)

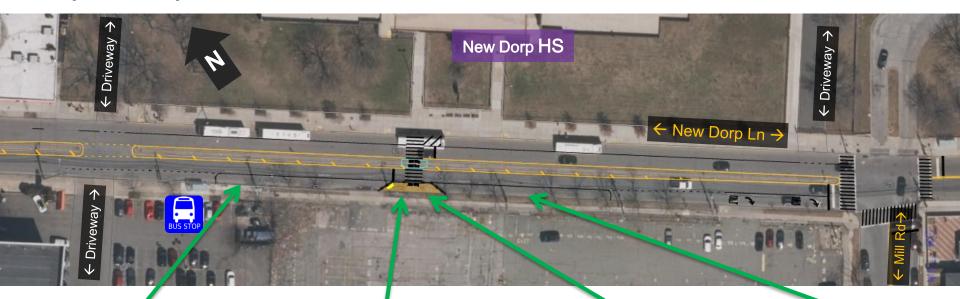
> Weekday Peak Hour Volumes: 170 vehicles per lane (AM) 194 vehicles per lane (PM)

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Weekend Peak Hour Traffic Volumes (Collected in May): 222 vehicles per lane (Midday)

PROPOSAL

 Add safer, shorter pedestrian crossing to accommodate desire lines between school, bus stop, and drop-off on south curb



Add painted curb extension to improved pedestrian visibility at crossing

Install a signalized pedestrian crossing (approved) in front of NDHS. Expand narrow madian to create ADAaccessible pedestrian crossing

Remove one eastbound travel lane on New Dorp Ln, between shopping plaza driveway and Mill Rd (traffic analysis pending). Maintain one travel lane in each direction. Add a school loading

zone on south curb of

New Dorp Ln for students

driven to school to unload

directly to curb

THANK YOU!

Questions?







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