PROJECT AREA

• Residential area with some commercial use

• Proximity to the R Train

• Bus stops on 3\textsuperscript{rd} Ave for B37, B16, x27, x37, and B63

• Nearby Schools

• Senior Safety Area
PROJECT BACKGROUND

• Community request for pedestrian improvements at 3rd Ave and Marine Ave

• Eastbound 99th St added to signalized intersection in 2015
3rd Ave from Marine to 99th St, BK
Injury Summary, 2012-2016 (5 years)

<table>
<thead>
<tr>
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<th>Total Injuries</th>
<th>Severe Injuries</th>
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<tbody>
<tr>
<td>Pedestrian</td>
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<td>1</td>
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<tr>
<td>Bicyclists</td>
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<tr>
<td>Motor Vehicle Occupant</td>
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<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>13</td>
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</tbody>
</table>
Existing Conditions
EXISTING MARINE AVE AND 3RD AVE

1. Long crossing distances

90'
75'

1. Long crossing distances
2. Existing crosswalk set back from 99th St making pedestrians less visible to turning vehicles
EXISTING MARINE AVE AND 3RD AVE

1. Long crossing distances

2. Existing crosswalk set back from 99th St making pedestrians less visible to turning vehicles

3. Soft turns allow for vehicles to turn at higher speeds
EXISTING MARINE AVE AND 3RD AVE

1. Long crossing distances
2. Existing crosswalk set back from 99th St making pedestrians less visible to turning vehicles
3. Soft turns allow for vehicles to turn at higher speeds
Proposal
1. Install 4 painted neckdowns to shorten crossing distances, increase visibility, and slow turns.
PROPOSAL MARINE AVE AND 3RD AVE

1. Install 4 painted neckdowns to shorten crossing distances, increase visibility, and slow turns.
2. Harden centerline to slow left hand turns onto Marine Ave.
PROPOSAL MARINE AVE AND 3RD AVE

1. Install 4 painted neckdowns to shorten crossing distances, increase visibility, and slow turns

2. Harden centerline to slow left hand turns onto Marine Ave

3. Realign crosswalk at 99th St
PROPOSAL MARINE AVE AND 3RD AVE

1. Install 4 painted neckdowns to shorten crossing distances, increase visibility, and slow turns
2. Harden centerline to slow left hand turns onto Marine Ave
3. Realign crosswalk at 99th St
EXAMPLES OF TREATMENTS

Hardened centerline at Amsterdam Ave and W 96th St, MN

Painted neckdown with delineators on Jackson St at Meeker Ave, BK
BENEFITS

• Shortens pedestrian crossing distances
• Increases visibility of pedestrians
• Slows turning vehicles
• Clarifies vehicular movements
THANK YOU!

Questions?
SUMMARY

- Realign crosswalk at 99th St with pedestrian ramp
- Add painted curb extensions to calm turns and increase visibility of pedestrians
- Harden centerline on Marine Ave