



Marin Boulevard

Thank you for joining the meeting!
At this time, we respectfully request
the following:

- Please mute your microphones.
- Please enter your question(s) in the chat box or wait until the end of the presentation to ask your question.
- Please note that this session will be recorded

GoToMeeting Attendee Guide

The screenshot shows the GoToMeeting interface with several annotations. A large yellow oval highlights the top control bar. A white box with black text is centered over this bar, containing the following text:

Main Meeting Controls
Mute yourself, turn your camera on/off
You will be muted upon entering
Screen sharing is disabled

Below the main controls, a smaller yellow oval highlights the bottom control bar. Arrows point from text labels to specific icons in both bars:

- MUTED** points to the red microphone icon in the top bar.
- UNMUTED** points to the green microphone icon in the bottom bar.
- CAMERA ON** points to the green camera icon in the top bar.
- CAMERA OFF** points to the white camera icon in the bottom bar.

Other visible elements include the 'PEOPLE' sidebar on the right showing '3/251' participants, a 'MEETING ID: 704-769-613' at the bottom right, and a 'Meeting is unlocked' toggle. The bottom left corner shows a 'Record' button and the name 'Hank Smith'.

GoToMeeting Attendee Guide

The screenshot displays the GoToMeeting interface. At the top, the 'GoToMeeting' logo is visible. Below it, the status 'Talking:' and 'Everyone' are shown. A yellow circle highlights the 'PEOPLE' icon in the top right corner. A larger yellow circle highlights the 'PEOPLE' panel in the center, which shows '3/251' attendees and 'Mute All' and 'Unmute' buttons. A callout box points to the 'PEOPLE' icon in the top right corner, containing the text: **View Meeting Attendees** and **See who joined**. The 'PEOPLE' panel on the right side of the screen lists attendees: 'Liz Davis - Me (Org)', 'Hank Smith', and 'Sue Miller (Web)'. At the bottom, there are icons for 'Record', 'Mic', 'Camera', 'Screen', and 'Leave'. The meeting ID '704-769-613' and a 'Copy Meeting Link' button are also visible.

GoToMeeting Attendee Guide

The image shows a GoToMeeting interface with a chat window open. A yellow circle highlights the chat icon in the top right corner of the meeting window. A larger yellow circle highlights the chat window itself, which is titled "CHAT". The chat window shows a message from "Me" at 08:59 AM: "Hello, how is everyone doing?". Below this, a message from "Liz Davis" at 08:59 AM says "Great! How are you?". To the right, a separate chat window is shown with a message from "Me" at 3:27 PM: "Welcome to the meeting!". Below that, a message from "Charles Winters" at 3:27 PM asks "How long will this meeting be?". Another message from "Me" at 3:27 PM says "This meeting will be about an hour long.". At the bottom of the chat window, there is a text input field labeled "Enter your message" and a "Send to" dropdown menu set to "Everyone".

View Chat Box
Enter your question
See what people are saying

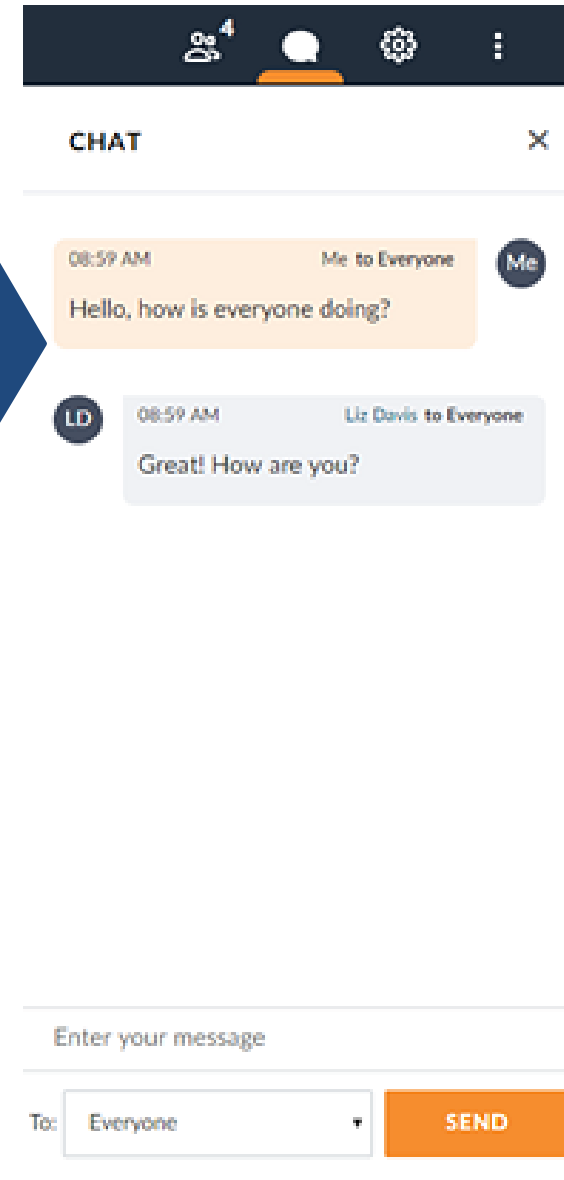
TYPE HERE

SEND TO ALL
OR CERTAIN
PERSON

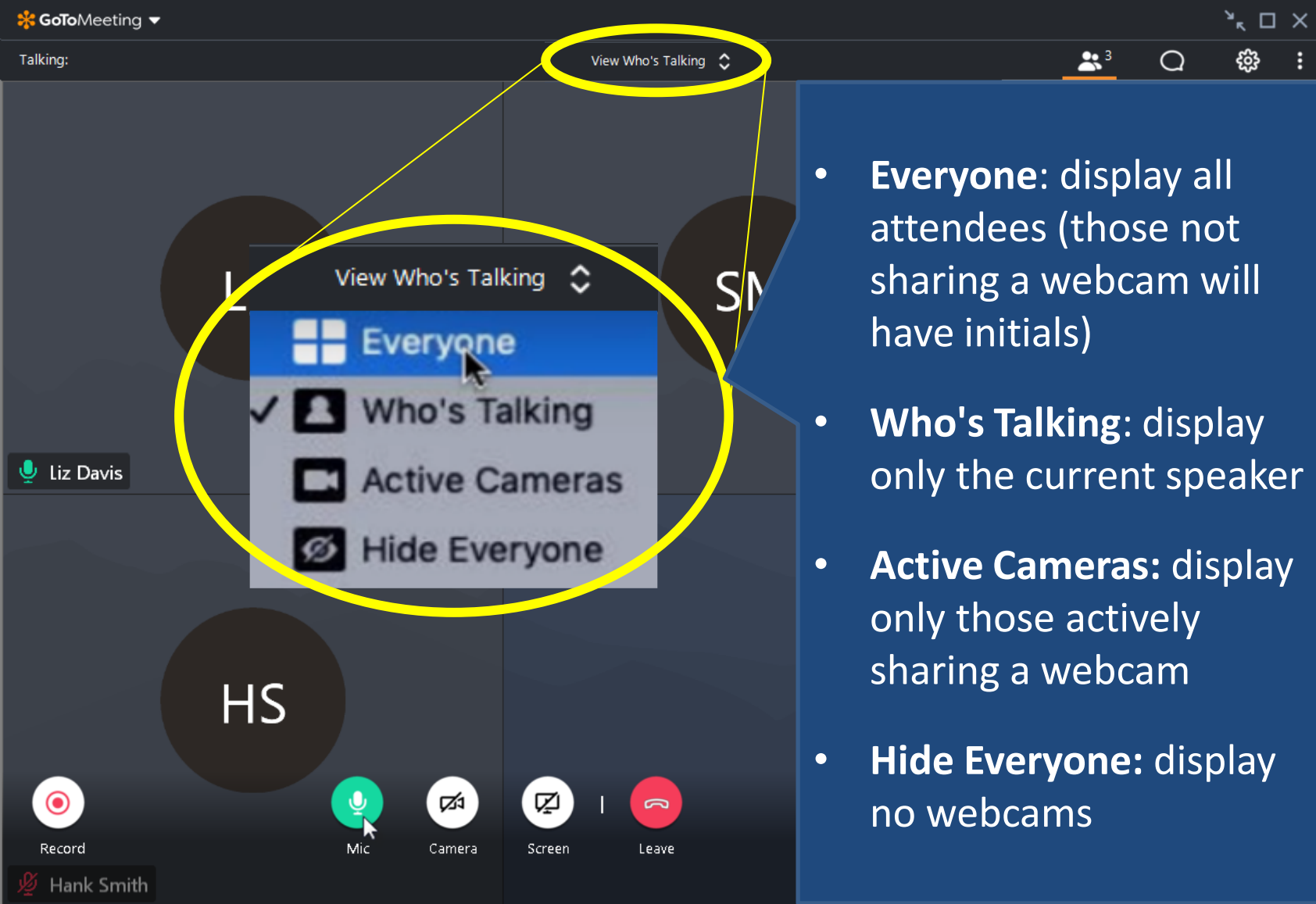
GoToMeeting Attendee Guide

Chat Box Instructions

- Submit your questions as the meeting is going on
- If you would like to ask verbally, please write “Unmute”
- After all written questions are addressed, verbal questions will be taken
- Chat box is for unofficial questions only
- Official comments MUST be made in writing (comment survey form, email, letter, etc.)
- Chat logs are saved



GoToMeeting Attendee Guide



The screenshot shows the GoToMeeting interface. At the top, the 'Talking:' status is visible. A yellow circle highlights the 'View Who's Talking' dropdown menu in the top right corner. A larger yellow circle highlights the expanded dropdown menu, which lists four options: 'Everyone', 'Who's Talking', 'Active Cameras', and 'Hide Everyone'. The 'Who's Talking' option is currently selected, indicated by a checkmark. The background shows a meeting grid with participants' initials (L, SM, HS) and a control bar at the bottom with icons for Record, Mic, Camera, Screen, and Leave. The names 'Liz Davis' and 'Hank Smith' are also visible.

- **Everyone:** display all attendees (those not sharing a webcam will have initials)
- **Who's Talking:** display only the current speaker
- **Active Cameras:** display only those actively sharing a webcam
- **Hide Everyone:** display no webcams

GoToMeeting Attendee Guide

- Example of everyone view with presentation

The screenshot displays a GoToMeeting interface in 'View Everyone' mode. At the top, there are three video thumbnails for participants: Sue Miller, Charles Winters (with a 'CW' logo), and Liz Davis. Hank Smith is also visible in a smaller thumbnail on the right. The main area shows a presentation slide with a pie chart. The chart is divided into eight segments, with a legend on the right side. The legend lists the following data:

File Type	Count	Percentage
.java	160,180	40%
.js	116,129	29%
.map	20,098	5%
.xml	16,599	4%
.jsp	14,161	4%
.txt	13,036	3%
Other	63,087	16%

At the bottom of the meeting window, there are control icons for Record, Mic, Camera, Screen, and Leave.

GoToMeeting Attendee Guide

The screenshot shows the GoToMeeting interface. At the top, it says "GoToMeeting" and "Talking: Everyone". A settings gear icon in the top right is circled in yellow. A callout box with a white background and black text is also circled in yellow. The settings panel on the right is titled "SETTINGS" and shows a video feed of a woman. Below the video, it lists "Webcam" as "Logitech Webcam C930e" and "COMPUTER" as the selected audio device. It also shows "Microphone" as "Transmit (Plantronics Savi 7xx-...)" and "Speaker" as "Receive (Plantronics Savi 7xx-M)". There is a "Disconnect" button and a "I Don't Need Audio" button. At the bottom of the settings panel, there is a link for "Open Preferences".

Adjust Audio & Camera Settings
Select computer or phone audio
Preview and manage camera settings
Open additional preferences

CW **HS**

Record Mic Camera Screen Leave

Charles Winters Hank Smith

Open Preferences



Marin Boulevard Montgomery Street to 6th Street / Thomas Gangemi Drive

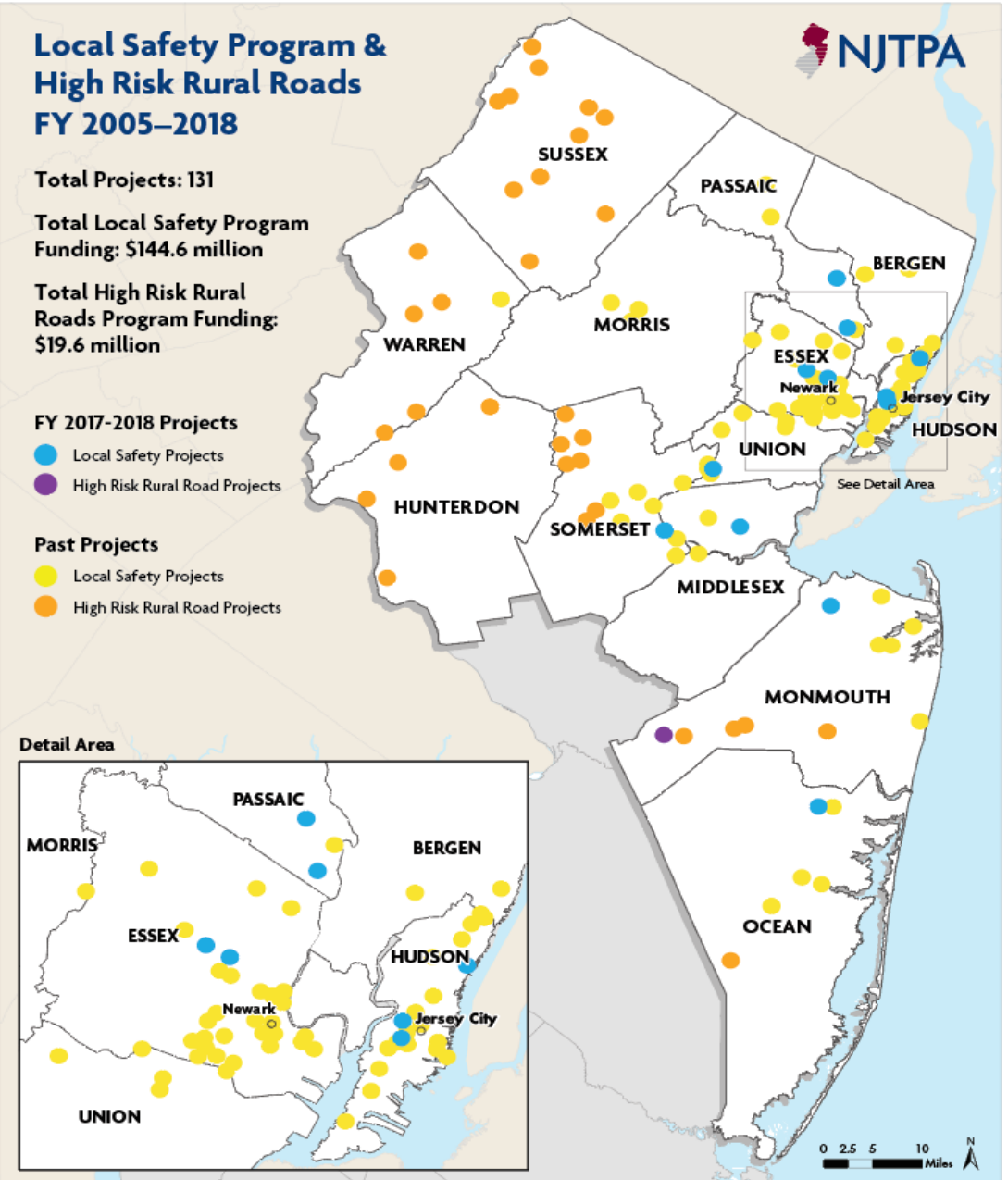
Public Information Center

February 9, 2021 | 6:00 pm



Engineering | Design | Planning | Construction Management

Federal Transportation Funding through the North Jersey Transportation Planning Authority



Highway Safety Improvement Program (HSIP) funds

Emphasizes a data-driven, strategic approach to improving highway safety

Network Screening

Identifies locations experiencing:

- High crash frequencies
- Severe crash injuries
- Specific crash types such as right-angle or roadway departures

Community Outreach

Provides the public, local stakeholders and officials with an opportunities for provide comments and ask questions

Project Location



Purpose and Need

Purpose:

To provide safety improvements along Marin Boulevard with a focus on safety for all road users.

Need:

The Network Screening identified Marin Boulevard and 6th Street / Thomas Gangemi Drive as the highest ranked intersection for crashes in Hudson County.

The December 2014 Road Safety Audit conducted along Marin Boulevard from Montgomery Street to 6th Street / Thomas Gangemi Drive, provided an assessment of roadway issues based on a data driven analysis of crashes.

Existing Conditions

Marin Boulevard

- ▶ Urban minor arterial
- ▶ Posted speed limit: 25 mph
- ▶ Undivided 2-lane roadway south of 2nd Street
- ▶ Undivided 4-lane roadway north of 2nd Street
- ▶ Key Pedestrian Generators:
 - ▶ City Hall near Montgomery Street
 - ▶ PATH Station at Columbus Drive
 - ▶ Newark Pedestrian Mall
 - ▶ Shoprite at Metro Plaza Drive
 - ▶ Newport Centre Mall near 6th Street.



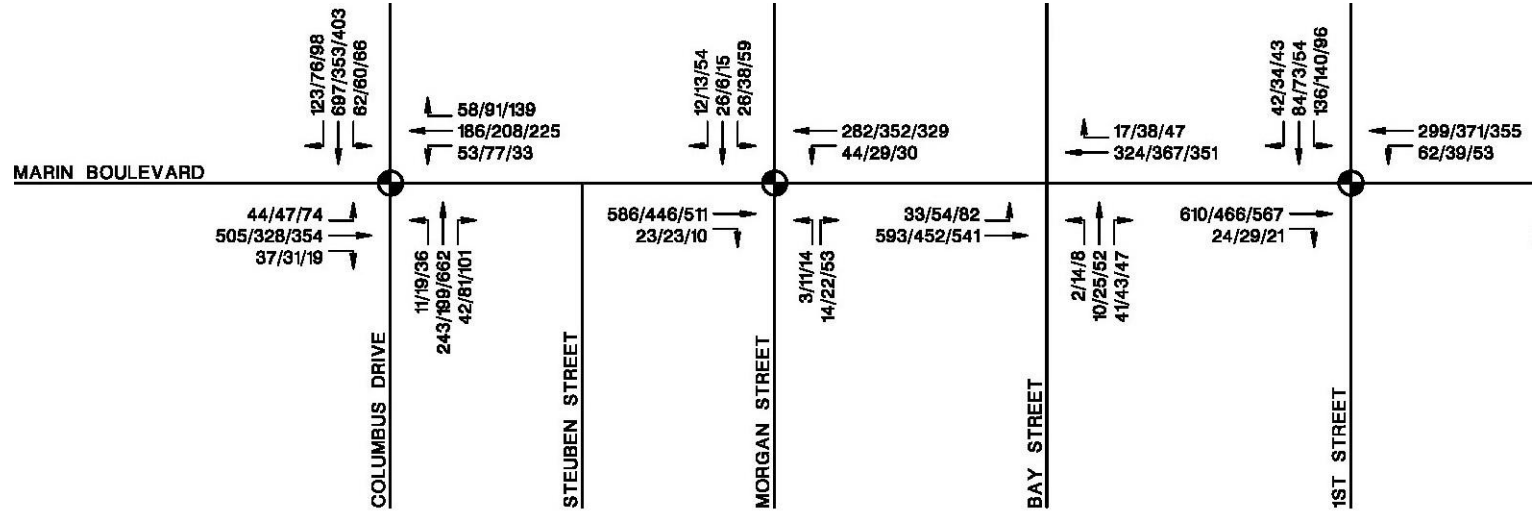
Buffered bike lane and bike box at Montgomery Street, looking west



Property development near Bay Street, looking north

Traffic Analysis

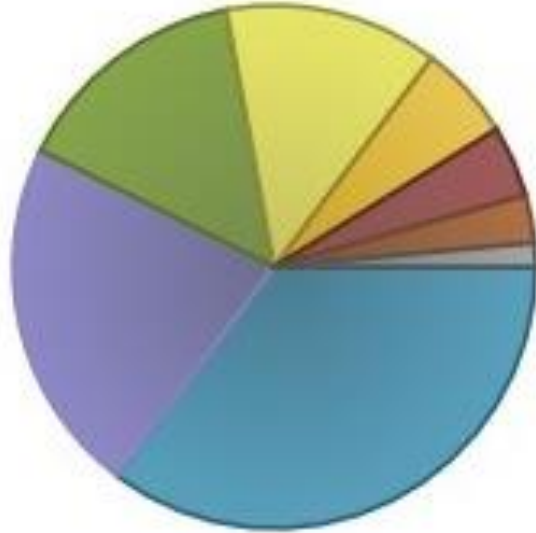
- ▶ Manual turning movement counts performed in April and June of 2018
- ▶ Volumes balanced between intersections and projected to the design year 2045
- ▶ Existing and projected No-Build traffic conditions analyzed using existing signal timings and geometrics



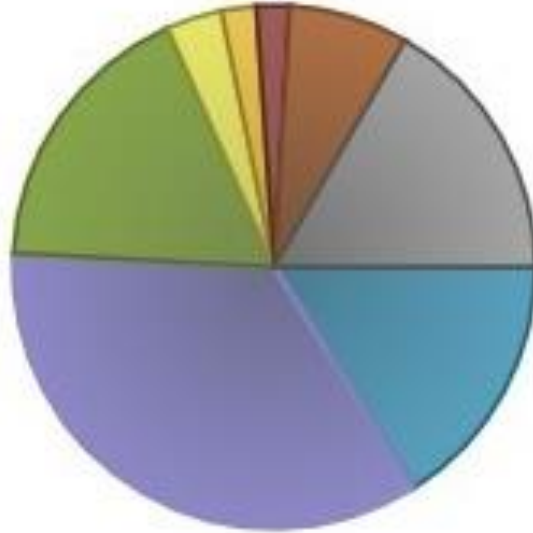
Intersection	2018 Existing					
	AM		MD		PM	
	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)
1 - Marin Boulevard & Montgomery Street	D	40.4	B	15.6	E	74.6
2 - Marin Boulevard & Oviedo Way	A	1.0	A	1.0	A	1.0
3 - Marin Boulevard & Wayne Street	A	1.0	A	1.0	A	1.0
4 - Marin Boulevard & Christopher Columbus Drive	C	33.7	C	27.4	C	29.9
5 - Marin Boulevard & Morgan Street	A	6.5	A	5.6	A	8.4
6 - Marin Boulevard & Bay Street	A	1.3	A	1.3	A	1.3
7 - Marin Boulevard & 1st Street	B	13.1	B	13.2	B	11.1
8 - Marin Boulevard & 2nd Street	A	8.4	A	9.7	B	14.6
9 - Marin Boulevard & Metro Plaza Drive	B	14.6	B	14.4	C	21.2
10 - Marin Boulevard & 6th Street / Thomas Gangemi Drive	B	18.9	B	14.7	C	22.5

Crash Analysis

Marin Boulevard



State Breakdown



Safety Voyager

- 2017 – 2019
- 68 Total Crashes
- Overrepresentations
 - Side Swipe
 - Left Turn
 - Pedestrian
 - Opposite Direction

	Marin Boulevard		State
	Crashes	Percentage	Percentage
Same Direction – Side Swipe	24	35.3%	16.0%
Same Direction - Rear End	15	22.1%	34.8%
Right Angle	10	14.7%	17.5%
Left Turn / U-Turn	9	13.2%	3.5%
Pedestrian	4	5.9%	2.1%
Opposite Direction (Head On / Angular)	3	4.4%	2.0%
Backing	2	2.9%	7.4%
Struck Parked Vehicle	1	1.5%	16.7%

Road Safety Audit (December 2014)

General Recommendations:

- ▶ Replace faded pavement markings
- ▶ Enforce Title 39 parking restrictions
- ▶ ADA compliant pedestrian facilities
- ▶ Reduce pedestrian crossing distances via islands or curb extensions
- ▶ MUTCD compliant signals, signs, and striping
- ▶ Bike lanes (shared, separated, buffered, and/or protected)
- ▶ Investigate lighting throughout corridor



Sidewalk, curb ramp, and pushbuttons do not meet ADA compliance



Skewed crosswalk increases pedestrian crossing distance

Proposed Improvements

► Pedestrian Safety and Accessibility Upgrades

- Pedestrian curb extensions where feasible
- High-visibility crosswalks with improved alignment for shorter crossing distance
- ADA and MUTCD compliant curb ramps, pushbuttons, and countdown pedestrian signal heads



2017 NJ Complete Streets Design Guide - Pedestrian curb extensions

► Bicycle Accommodations

- Northbound protected bicycle lane
- Striped buffer with flexible delineators
- Locate bike lane between curb and parking where applicable



Protected bicycle lane with on-street parking along Montgomery Street

Proposed Improvements

► Traffic Signal Upgrades

- 12” LED traffic signal heads with retroreflective backplates
- Image detection for side streets
- Improved signal head layout for better visibility & roadway alignment
- Optimized traffic signal timings with MUTCD compliant vehicle and pedestrian clearances which accommodate bicyclists

► Roadway and Geometric Upgrades

- Mill and resurface Marin Boulevard within the project limits
- Corner radii designed using appropriate AASHTO design vehicles
- Title 39 parking restrictions enforced via signage or curb extensions
- Reset or relocate inlets to provide positive drainage at locations with proposed curb extensions or grading modifications

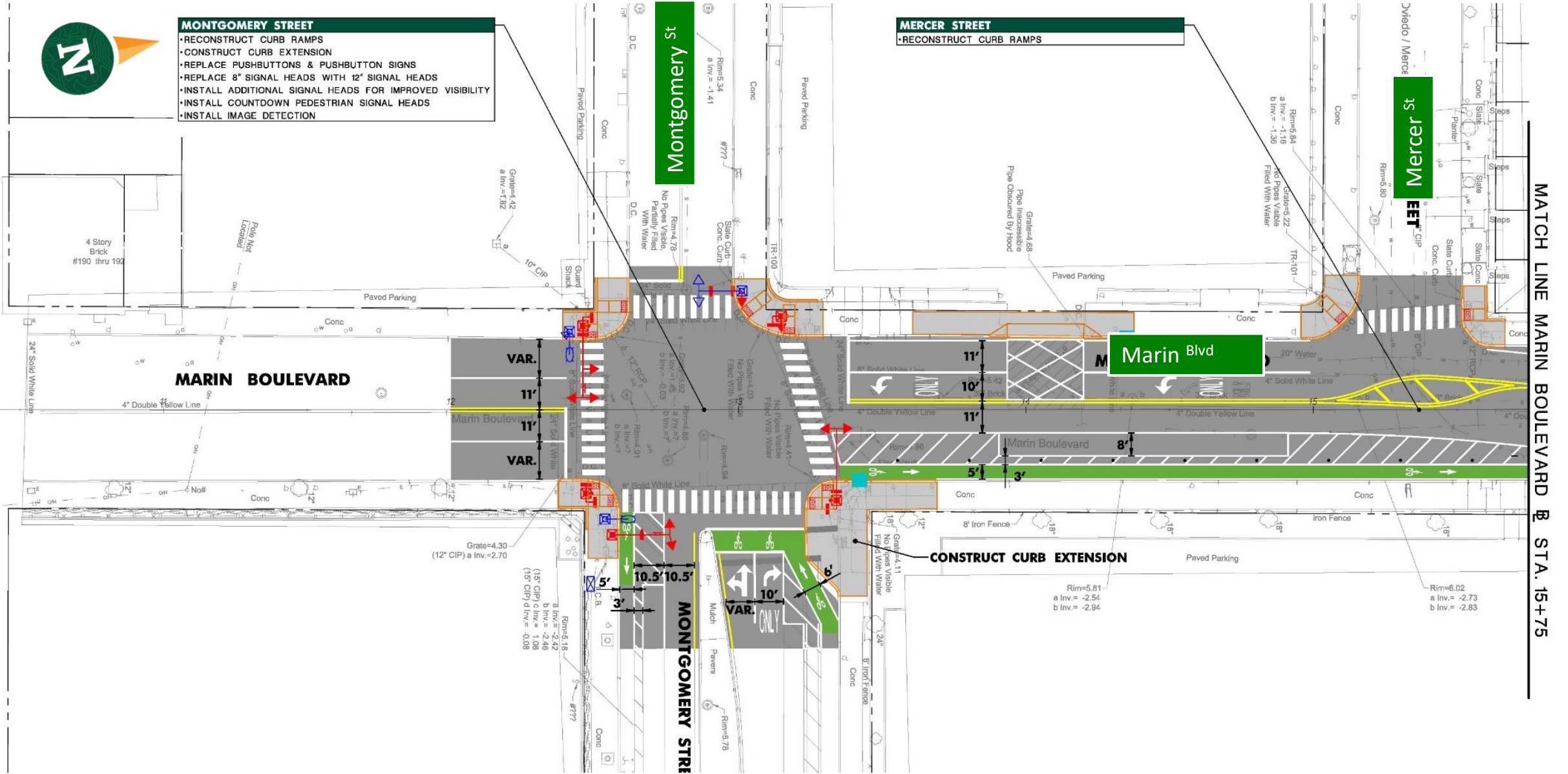
Proposed Improvements

► Traffic Analysis

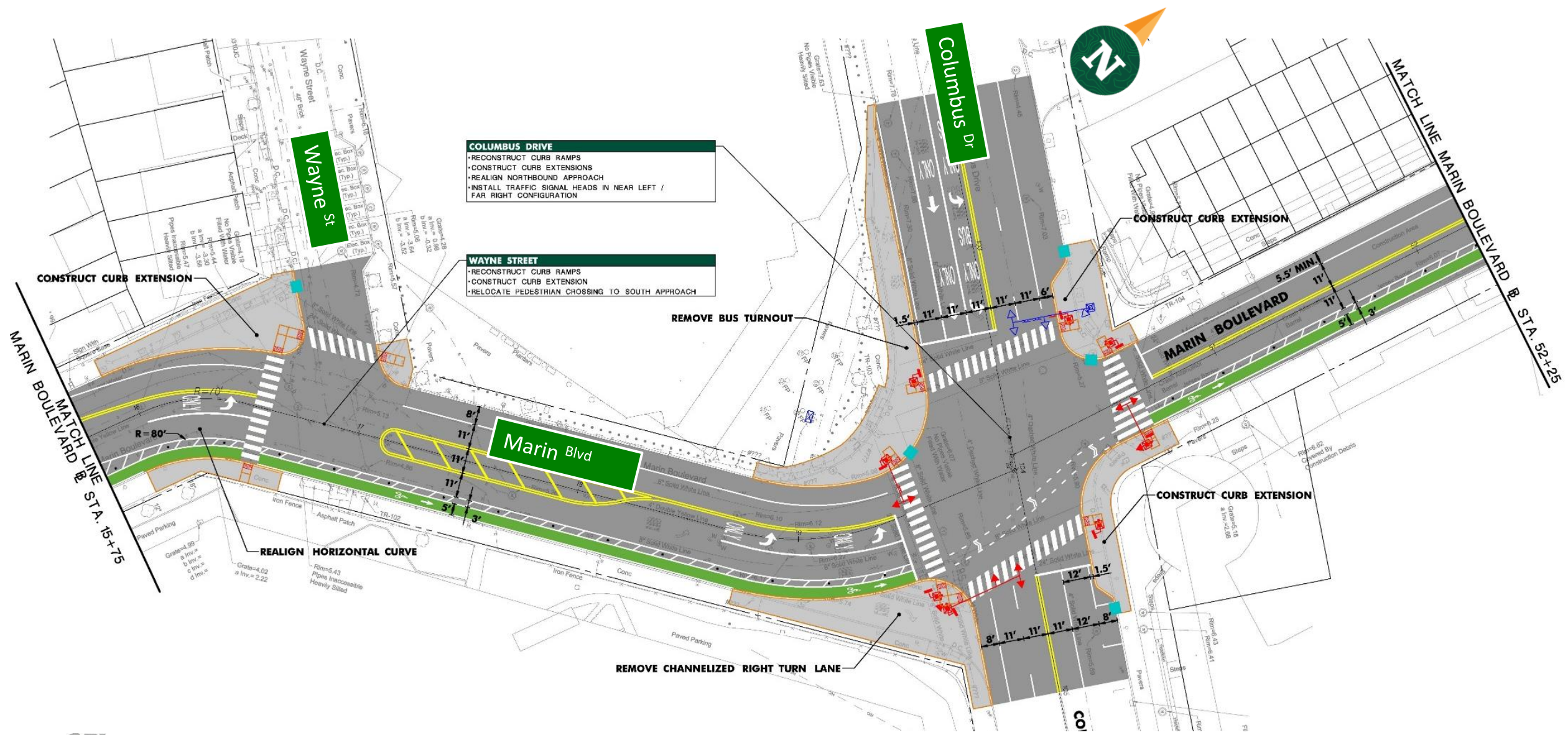
- Coordinate traffic signals for improved traffic flow
- Maintain existing 90 second cycle to reduce pedestrian delay
- MUTCD compliant vehicle and pedestrian clearances
- Yellow and all-red clearance intervals accommodate bicyclists

Intersection	2045 No-Build						2045 Build - 90 second cycle					
	AM		MD		PM		AM		MD		PM	
	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)	LOS	Delay (sec.)
1 - Marin Boulevard & Montgomery Street	F	86.2	B	16.6	F	168.8	D	47.4	B	19.3	C	32.8
2 - Marin Boulevard & Oviedo Way	A	1.0	A	1.0	A	1.0	A	1.0	A	1.0	A	1.0
3 - Marin Boulevard & Wayne Street	A	1.0	A	1.0	A	1.0	A	1.0	A	1.0	A	1.0
4 - Marin Boulevard & Christopher Columbus Drive	F	92.4	D	53.6	D	42.0	E	66.3	C	29.9	D	52.5
5 - Marin Boulevard & Morgan Street	A	8.5	A	5.9	B	10.5	A	6.5	A	6.7	A	8.4
6 - Marin Boulevard & Bay Street	A	1.6	A	1.6	A	1.6	A	5.6	A	6.6	A	8.4
7 - Marin Boulevard & 1st Street	B	17.1	B	14.2	B	13.0	B	15.1	B	11.9	B	13.7
8 - Marin Boulevard & 2nd Street	B	12.6	B	10.9	C	27.7	B	13.3	B	12.2	C	26.2
9 - Marin Boulevard & Metro Plaza Drive	D	35.6	B	16.6	D	49.5	C	20.6	B	15.3	D	41.0
10 - Marin Boulevard & 6th Street / Thomas Gangemi Drive	C	27.3	B	19.1	D	42.0	B	18.4	B	16.3	D	41.9

Proposed Improvements



Proposed Improvements



Proposed Improvements

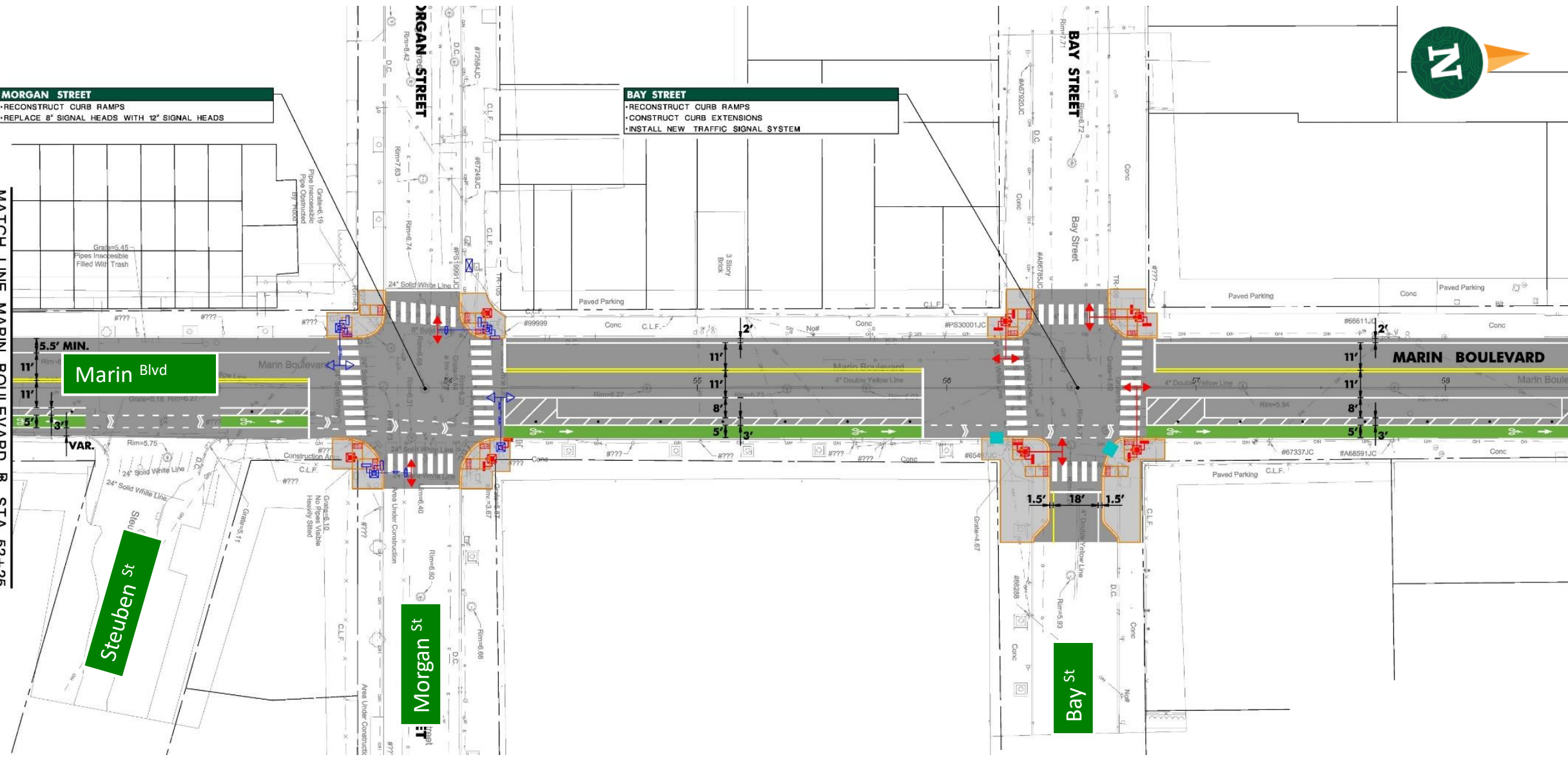


MORGAN STREET
•RECONSTRUCT CURB RAMPS
•REPLACE 8" SIGNAL HEADS WITH 12" SIGNAL HEADS

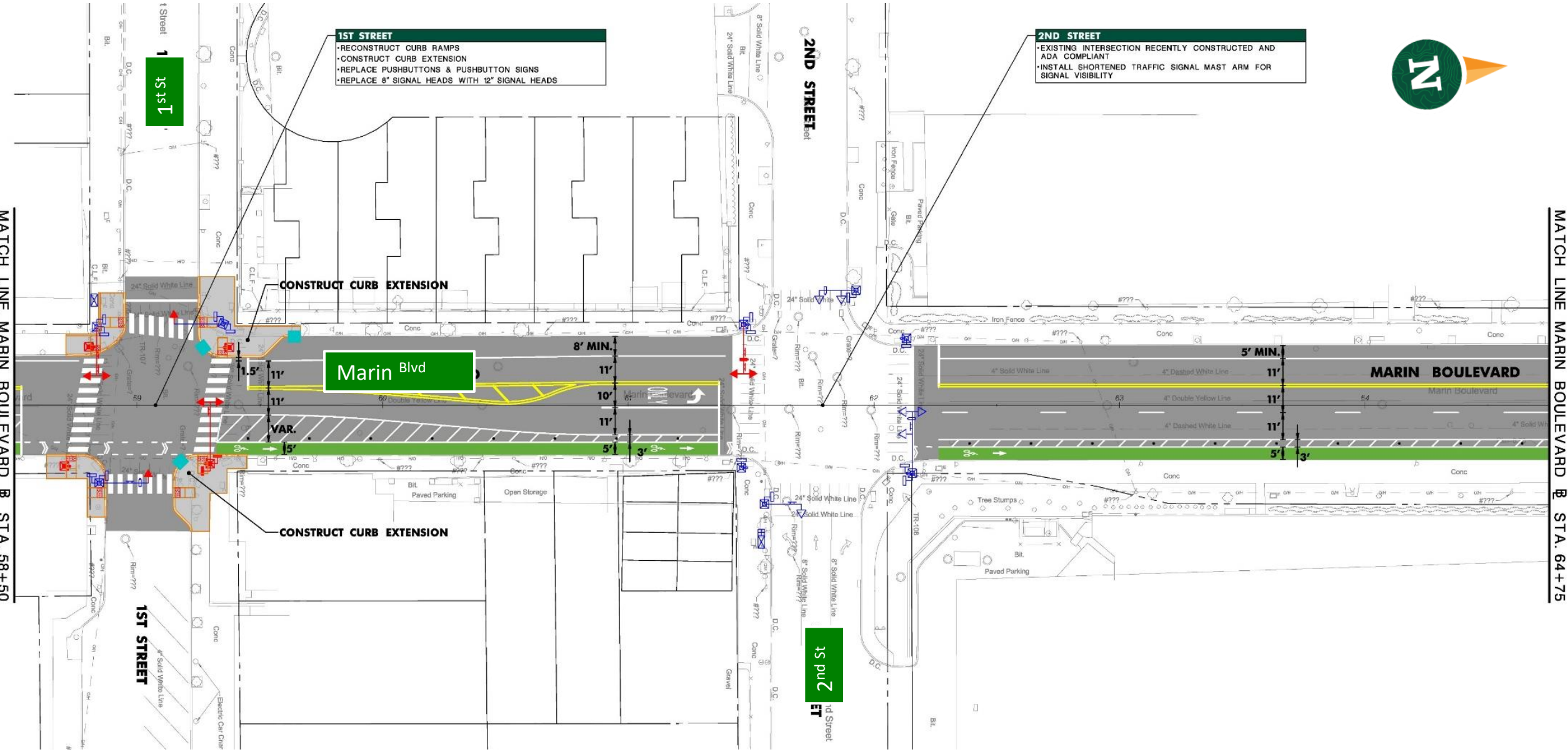
BAY STREET
•RECONSTRUCT CURB RAMPS
•CONSTRUCT CURB EXTENSIONS
•INSTALL NEW TRAFFIC SIGNAL SYSTEM

MATCH LINE MARIN BOULEVARD @ STA. 52+25

MATCH LINE MARIN BOULEVARD @ STA. 58+50



Proposed Improvements



Proposed Improvements

- METRO PLAZA DRIVE**
- RECONSTRUCT CURB RAMPS
 - CONSTRUCT CURB EXTENSION
 - REPLACE PUSHBUTTONS & PUSHBUTTON SIGNS
 - REPLACE 8" SIGNAL HEADS WITH 12" SIGNAL HEADS
 - INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEADS
 - INSTALL IMAGE DETECTION



MATCH LINE MARIN BOULEVARD @ STA. 64+75

MATCH LINE MARIN BOULEVARD @ STA. 70+75

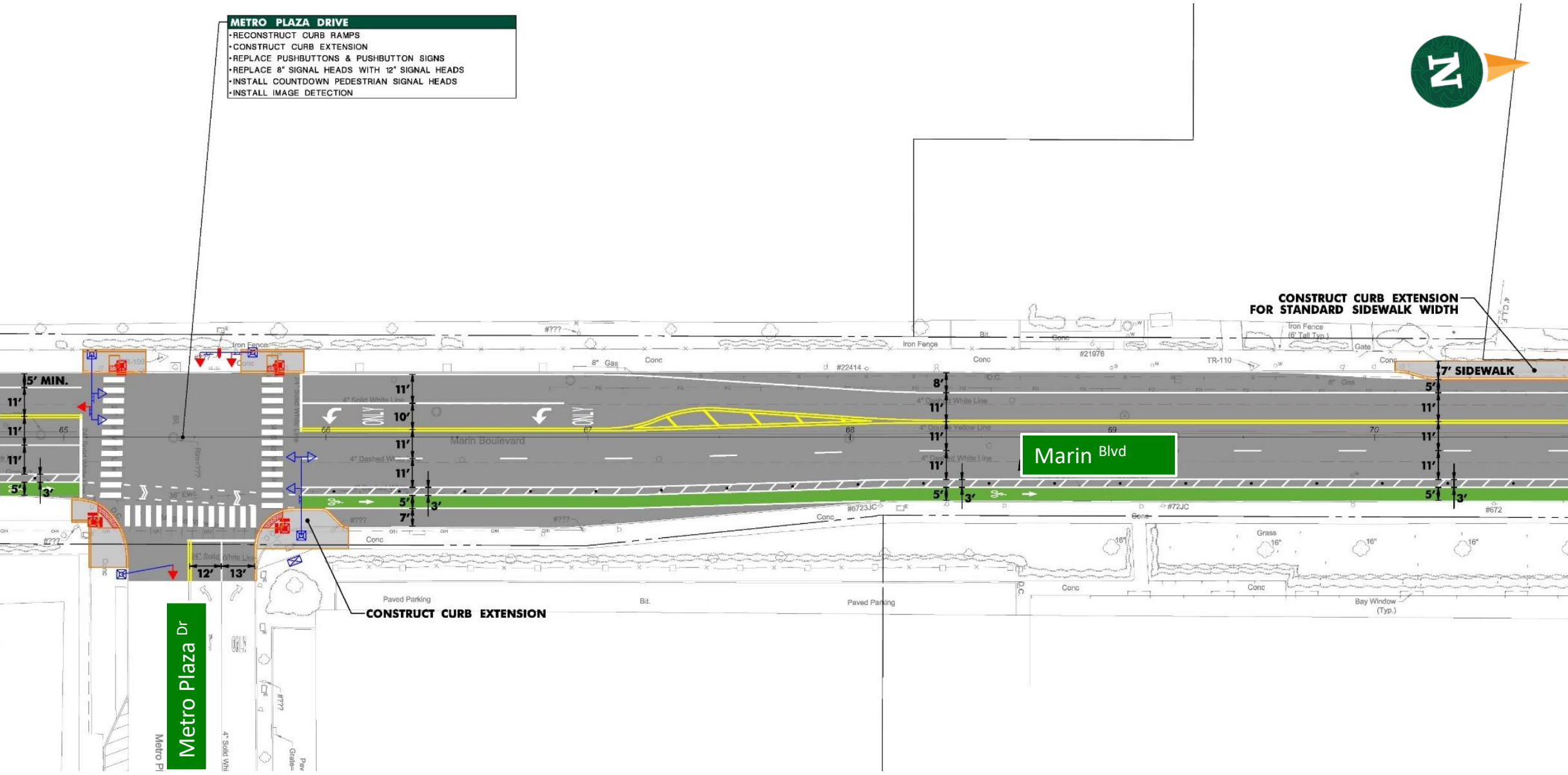
CONSTRUCT CURB EXTENSION FOR STANDARD SIDEWALK WIDTH

7' SIDEWALK

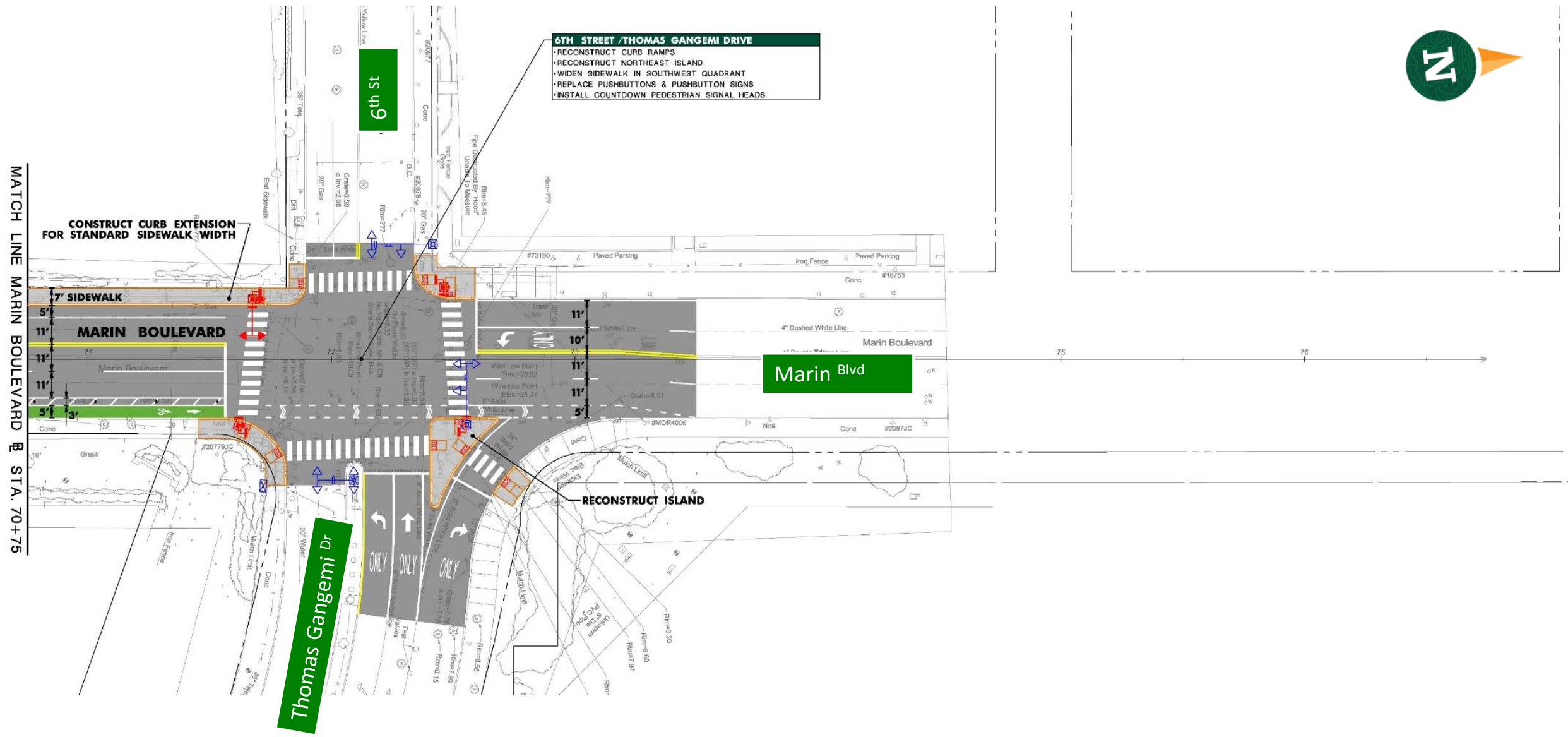
Marin Blvd

CONSTRUCT CURB EXTENSION

Metro Plaza Dr



Proposed Improvements



Next Steps

- **Begin Final Design (Spring 2021)**
 - Revise concept plan based on stakeholder input
 - Prepare final plans, specifications, and engineer's estimate
 - Submit to NJDOT Local Aid for Federal Authorization
- **Project Advertisement, Award, & Construction (Summer 2023)**



Thank you!
Questions / Comments



Engineering | Design | Planning | Construction Management