

ONLINE PUBLIC MEETING



Safety Improvements along Park Avenue & JFK Boulevard East

*City of Hoboken, Township of Weehawken, Town of West New York,
Town of Guttenberg, Township of North Bergen*

Public Information Center
November 30, 2022
6:00-8:00 PM

<https://www.HudsonCountySafetyImprovements.com/>

Project Sponsor: Hudson County

Jose M. Sieira
Director of Traffic & Transportation

North Jersey Transportation Planning Authority (NJTPA)

Christine Mittman
Project Manager

Michael Baker International, Inc.
Consulting Engineers

Agenda

- Introductions
- Housekeeping
- Basic Project Information
- Design Parameters
- Current Design
- Next Steps
- Questions and Comments

Meeting Details

- Presentation is approximately 40 minutes before questions.
- All attendees will be muted during the presentation.
- During the presentation, questions should be submitted via the chat function.
- Submitted questions will be answered first. We'll then unmute attendees to ask questions.
- From a phone, dial *3 to raise or lower hand to ask a question
- Additional questions / comments can be submitted at the project website: www.HudsonCountySafetyImprovements.com
- Presentation will be made available via website.



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Participants (5)

Search

Panelist: 5

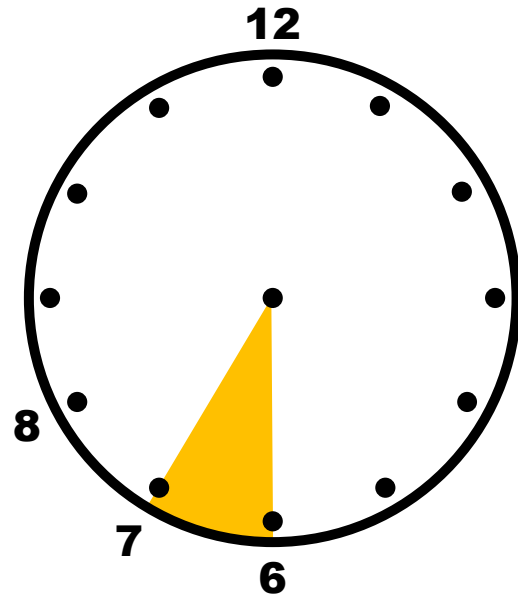
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Chat

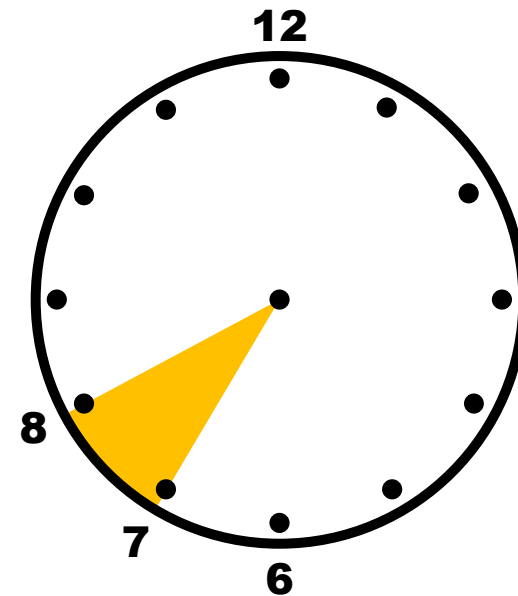
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Q & A

Meeting Details



**Hoboken & Weehawken
6:00-7:00 PM**



**West New York, Guttenberg,
North Bergen
7:00-8:00 PM**

Project Funding

Project Sponsor & Funding Recipient: Hudson County

Funds provided by: Federal Highway Administration (FHWA)

Funded through: North Jersey Transportation Planning Authority (NJTPA),
Metropolitan Planning Organization (MPO) for Northern New Jersey

Funding program: Local Safety Program using Highway Safety
Improvement Program (HSIP) funds

Project Limits – 4.4 miles

Southern extent

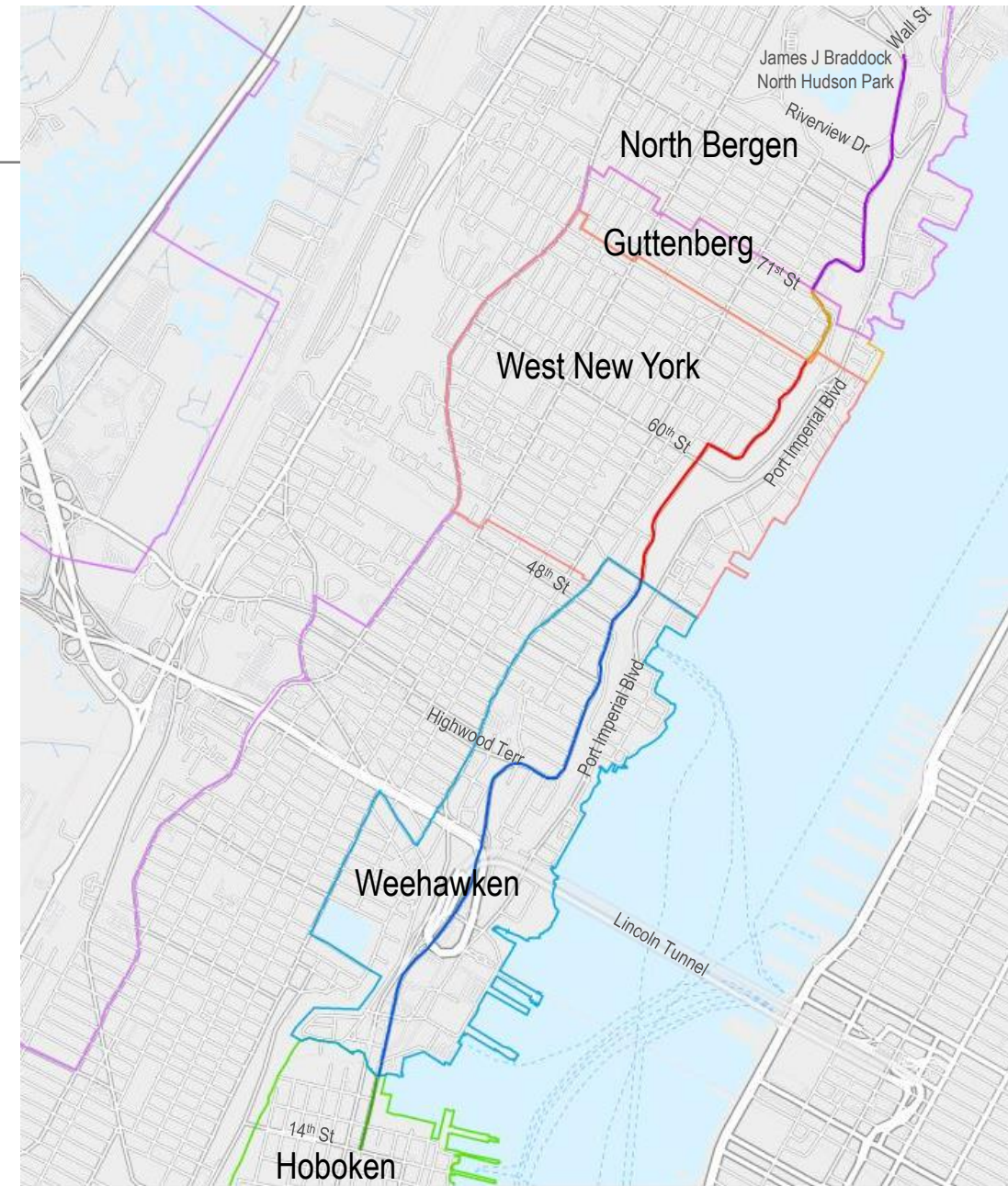
- 14th Street, Hoboken

Northern extent

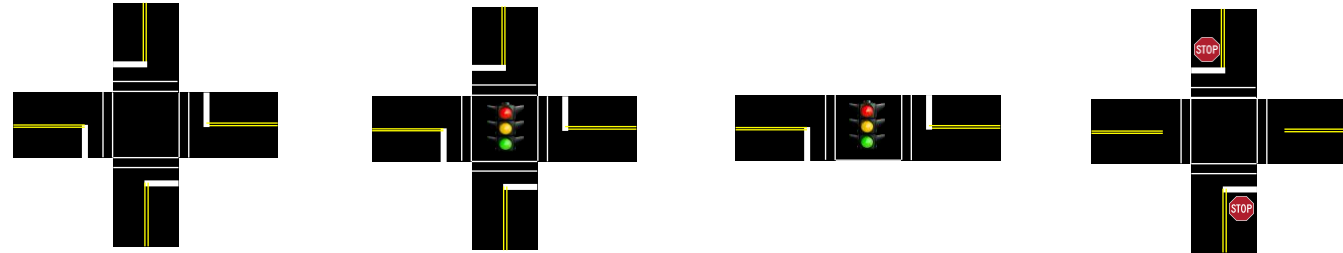
- Wall Street, North Bergen

Municipalities (south to north)

- Hoboken
- Weehawken
- West New York
- Guttenberg
- North Bergen



Impacted Intersections

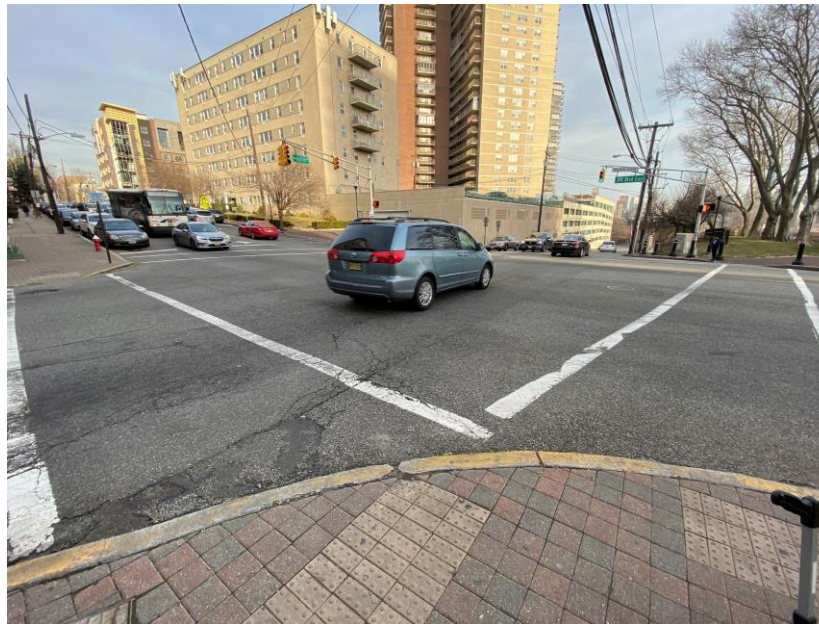


Municipality	Total Intersections	Signalized Intersections	Signalized Mid-Block Crossings	Unsignalized Intersections
Hoboken	2	2	-	-
Weehawken	20	12	1 (new)	7
West New York	16	9	1	6
Guttenberg	5	3	-	2
North Bergen	14	7	1 (new)	6
Totals	57	33	3	21

FOR DISCUSSION PURPOSES ONLY

Project Purpose

Reduce crashes and improve safety for all roadway users



Project Phasing

Preliminary Engineering

- Evaluate existing conditions
- Refine the preliminary design
- Community engagement

Final Design

- Complete design
- Prepare Contract Documents for construction authorization

Construction

- Advertise for construction bids
- Award project
- Construct project

Project Briefings

- Local Officials: Guttenberg & North Bergen – October 2020
- NJDOT – November 2020
- Local Officials: All Municipalities – January 2021
- Local Officials: Hoboken & Jersey City – February 2021
- Local Officials: Weehawken – May 2021
- Stakeholders Meeting #1: All Municipalities – May 2021
- Stakeholders Meeting #2: All Municipalities – December 2021
- Local Officials: Weehawken – April 2022
- Local Officials: Weehawken – September 2022

Crash Data (2016-2020)

- Total crashes 1400
- Serious injury crashes 11
- Fatalities 0
- Top Crash Locations:
 - 19th Street
 - 16th Street
 - Marginal Highway
 - 60th Street
 - Duer Place/Highwood Avenue/Highwood Terrace
 - Bulls Ferry Road

Source: NJDOT Safety Voyager

Crash Data (2016-2020)

Crash Type	Crashes on Corridor	% of Total	% of all County Roads
Rear End	430	30.71%	28.45%
Sideswipe	358	25.57%	11.94%
Parked Vehicle	215	15.36%	5.99%
Angle	123	8.79%	19.31%
Backing	70	5.00%	2.36%
Fixed Object	37	2.64%	12.28%
Left Turn / U Turn	51	3.64%	3.54%
Pedestrian	44	3.14%	1.69%
Head On	22	1.57%	3.42%
Cyclists	20	1.43%	1.22%
Other	30	2.14%	9.14%
Total	1,400	100%	100%



Source: NJDOT Safety Voyager

Vehicle Volumes (Daily)

Municipality	Location	Annual Average Daily Traffic
Weehawken	South of 50 th Street	14,568
West New York	South of 62 nd Street	9,629
North Bergen	South of 73 rd Street	10,258
North Bergen	South of Wall Street	8,678

Counts performed February 2020

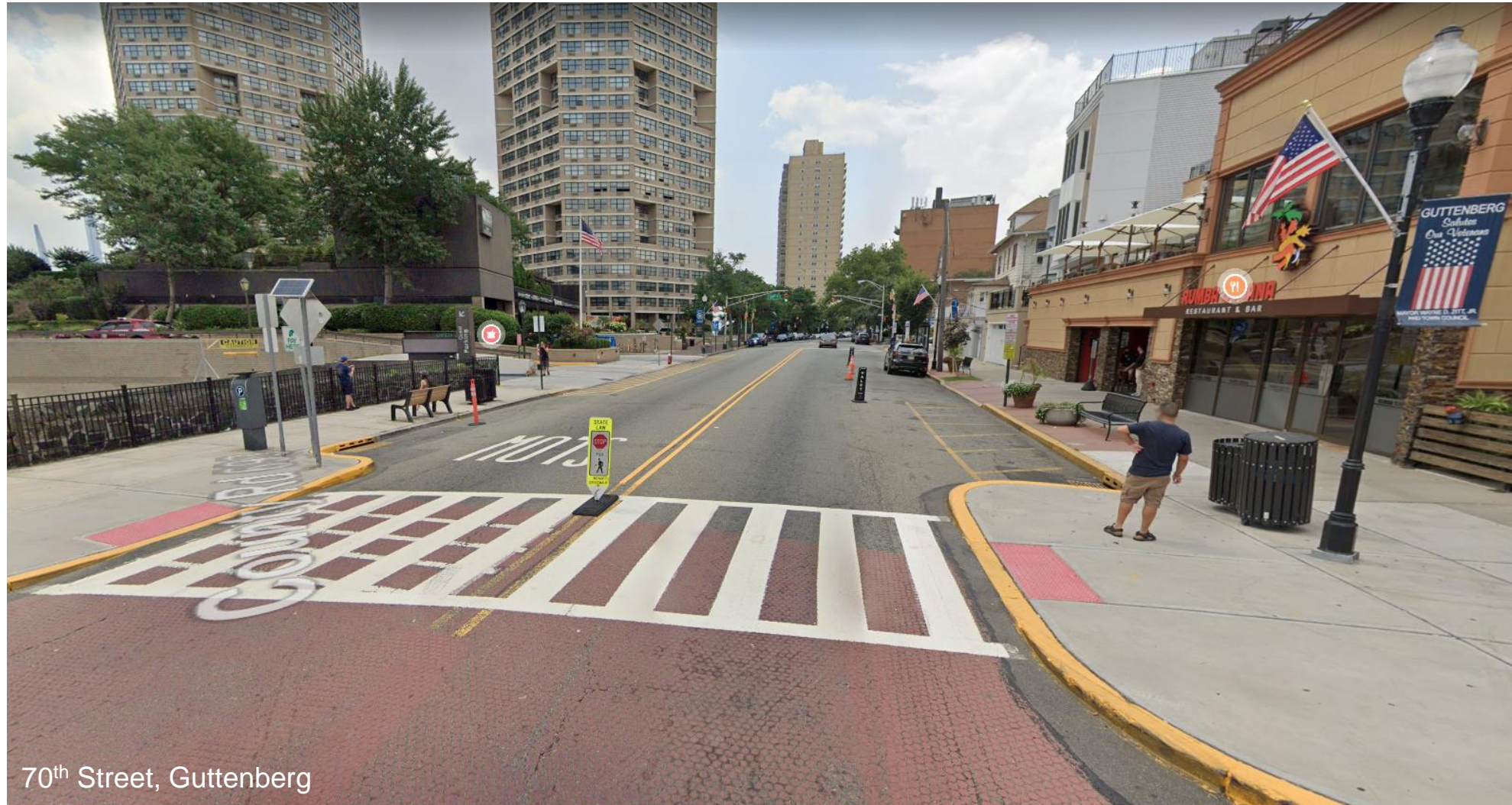
Pedestrian & Cyclist Volumes (Daily)

Municipality	Location	Day		
Weehawken	Hudson Place	Weekday	945	76
		Weekend	1,847	91
West New York	60 th Street	Weekday	2,066	267
		Weekend	2,377	280
North Bergen	79 th Street	Weekday	917	122
		Weekend	1,072	199

Counts performed September 2021

Design Elements

Curb Extensions



70th Street, Guttenberg

High-Visibility Crosswalks

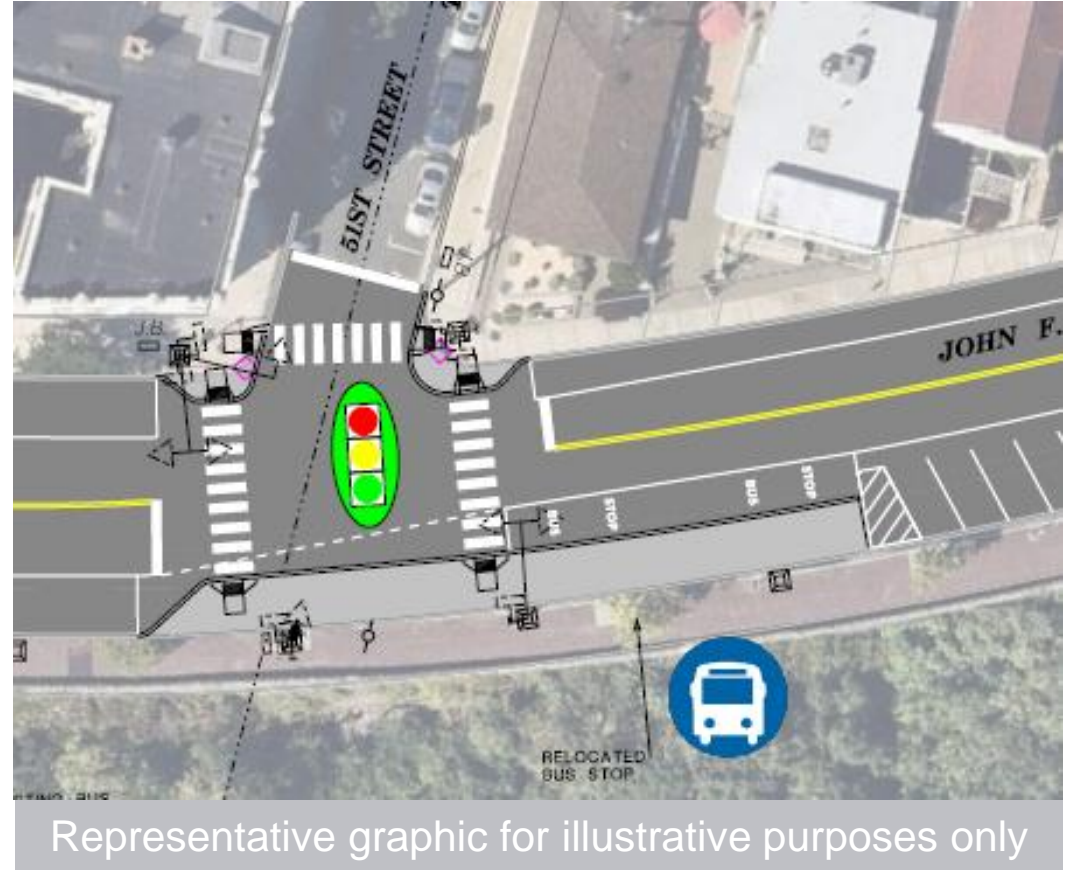
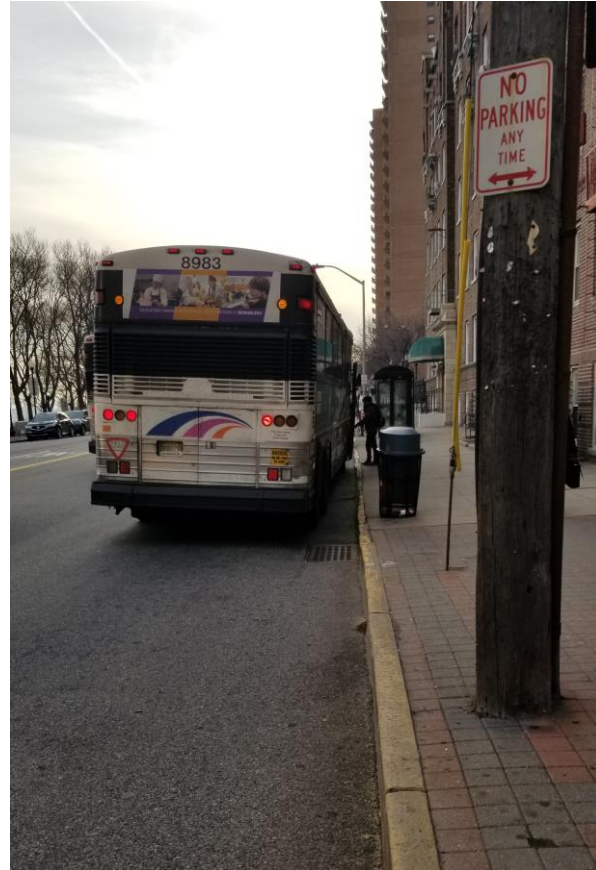


Bellevue Avenue, Guttenberg

Americans with Disabilities Act (ADA) Improvements



Bus Stop Improvements



High-Friction Surface Treatment

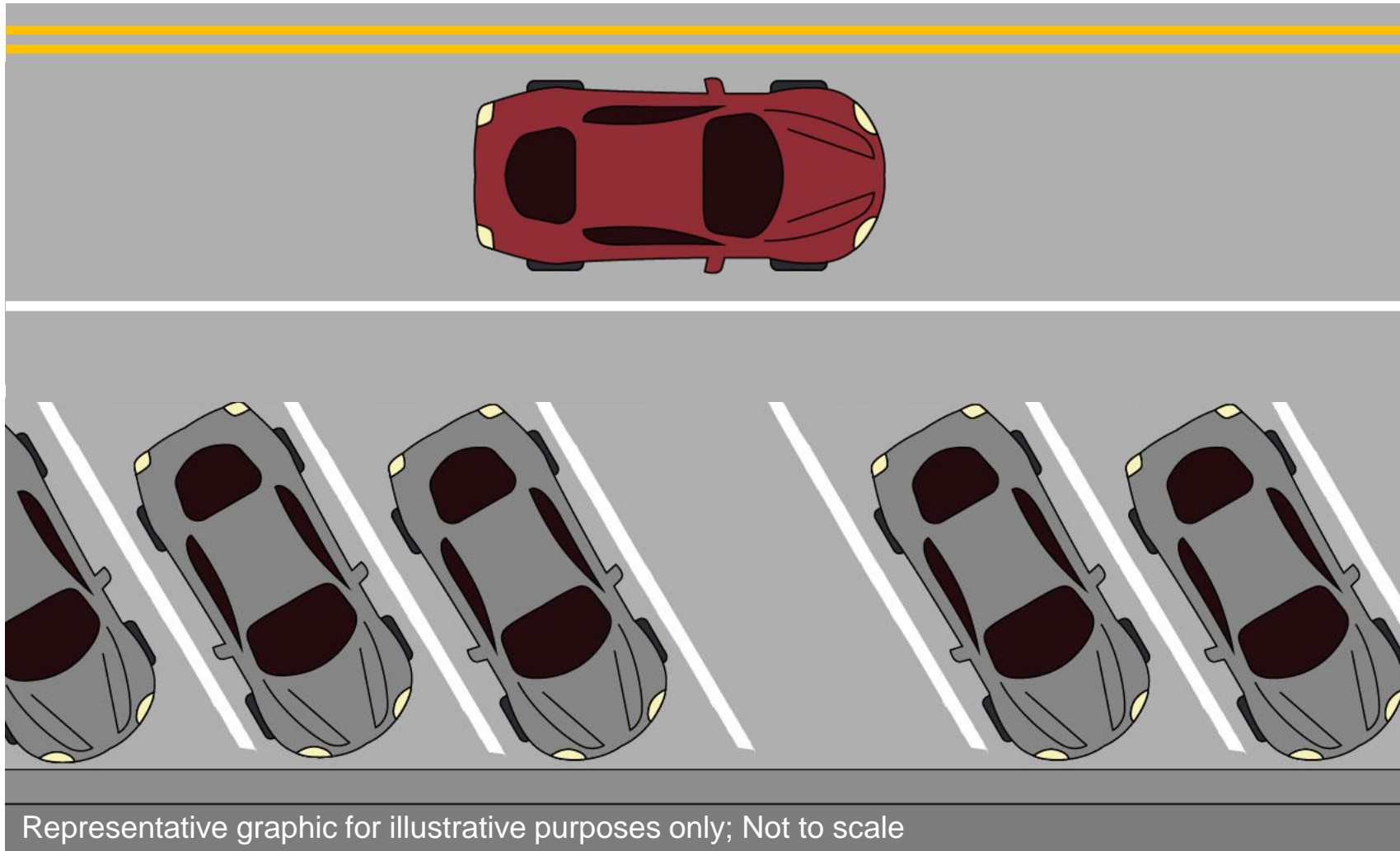


Reduced Lane Widths with Edge Lines



Between
Highwood Terrace
in Weehawken &
Wall Street in
North Bergen

Head-in Angled Parking



Between 51st Street in
West New York & Wall
Street in North Bergen

Speed Feedback Signs

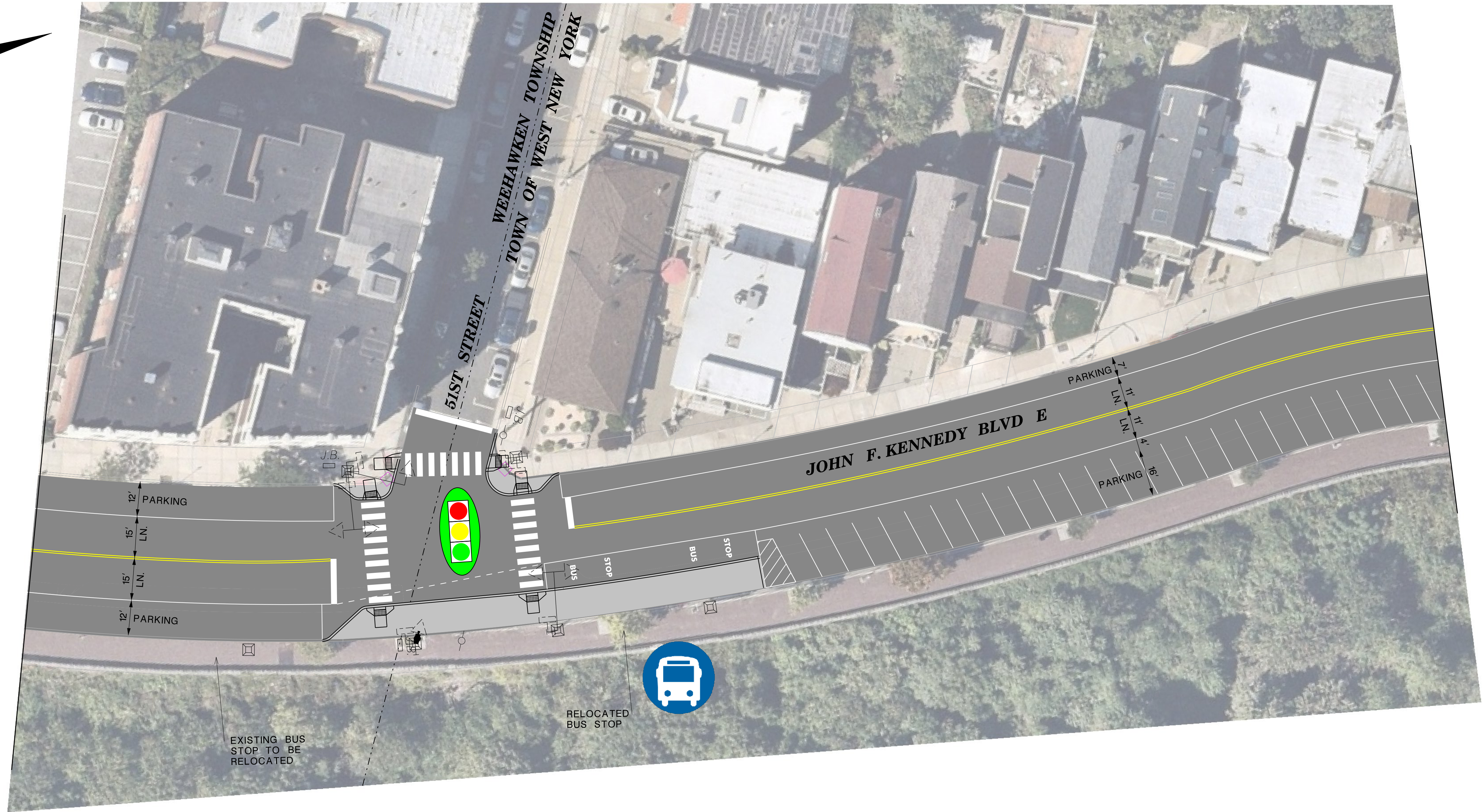
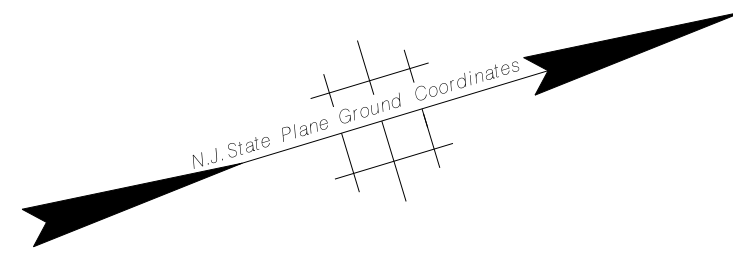


Traffic Signal Upgrades



West New York, Guttenberg & North Bergen Plans

WEEHAWKEN TOWNSHIP
TOWN OF WEST NEW YORK



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LEGEND	
EXISTING	PROPOSED
	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

EXISTING	PROPOSED	DESCRIPTION
		UTILITY POLE
		PAVEMENT AREA
		CURB RAMP DETECTABLE WARNING SURFACE
		PEDESTRIAN PUSH BUTTON
		POST MOUNTED SIGN
		MAST ARM SIGN
		DRAINAGE INLET

EXISTING	PROPOSED	DESCRIPTION
		SIDEWALK
		MAST ARM
		PAINTED PEDESTRIAN CROSSWALK
		PAINTED DOUBLE YELLOW LINE
		CONCRETE CURB
		CURB RAMP

PROPOSED	DESCRIPTION
	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED	DESCRIPTION
	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

PROVIDE NORTHBOUND LEAD LEFT TURN SIGNAL

DRAFT
For Discussion Purposes Only



COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

 NORTH JERSEY TRANSPORTATION PLANNING AUTHORITY
 MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

DP-24
DP-46



LEGEND

EXISTING	PROPOSED	DESCRIPTION
		TRAFFIC SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		IMAGE DETECTOR
		AREA OF DETECTION
		TRAFFIC SIGNAL CABINET AND METER CABINET
		TRAFFIC SIGNAL POLE FOUNDATION
		JUNCTION BOX

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		POST MOUNTED SIGN
		MAST ARM SIGN
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PROPOSED

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SCALE IN FEET

DP-25
DP-46

COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES

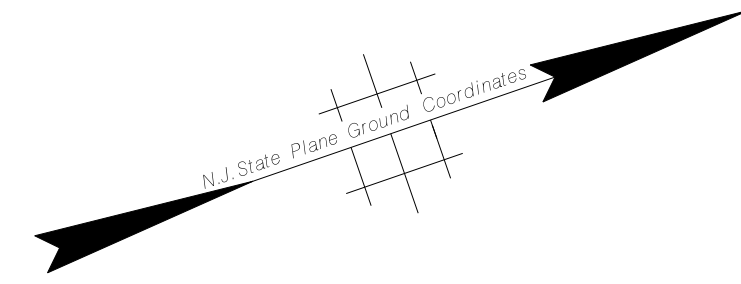
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LEGEND
EXISTING PROPOSED

	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
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	JUNCTION BOX

	EXISTING		PROPOSED	UTILITY POLE
				PAVEMENT AREA
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				CURB RAMP

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
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	PARTIAL UPGRADED SIGNAL
	BUS STOP

**EXISTING/
PROPOSED**

	BUS SHELTER
	BUS STOP

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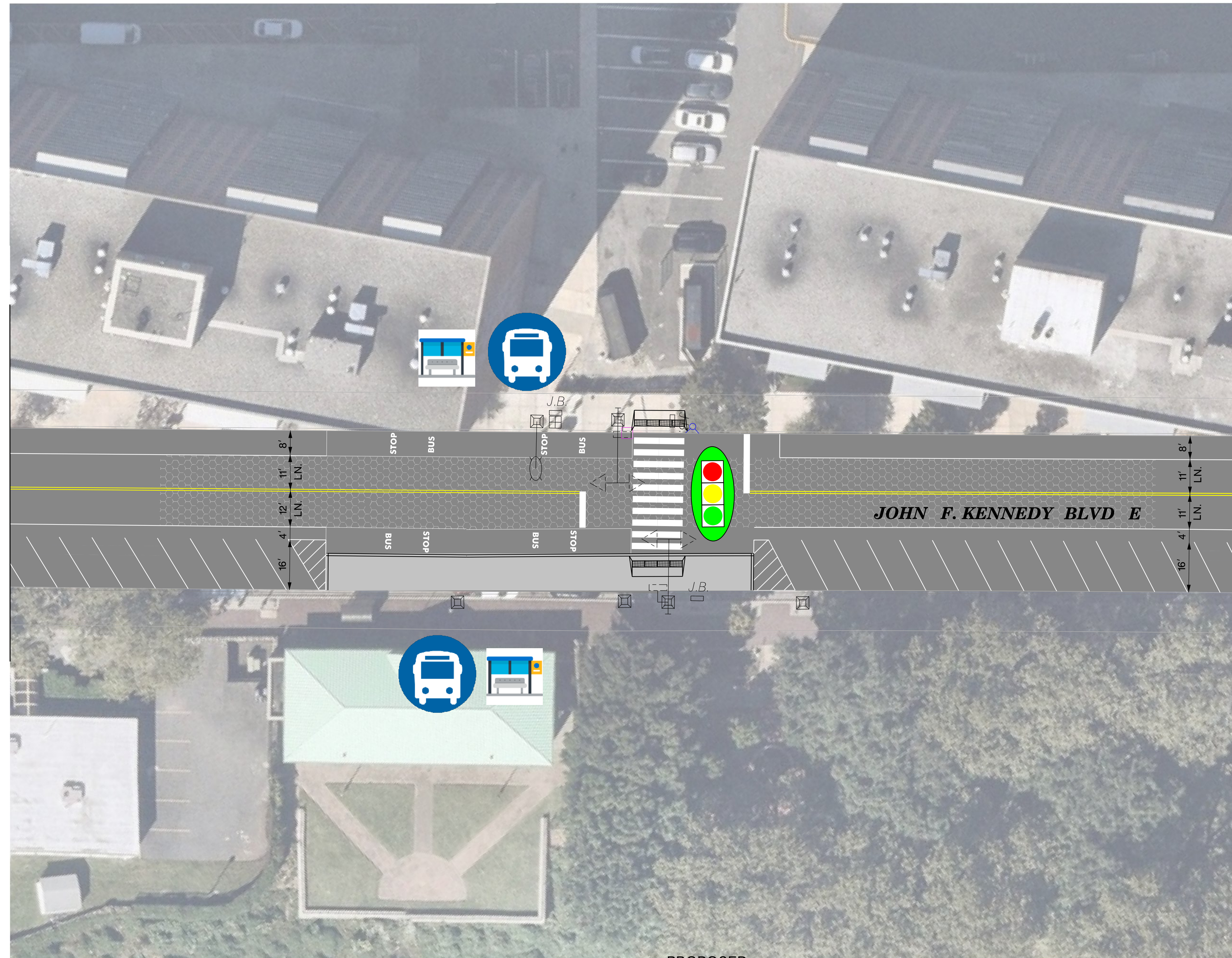
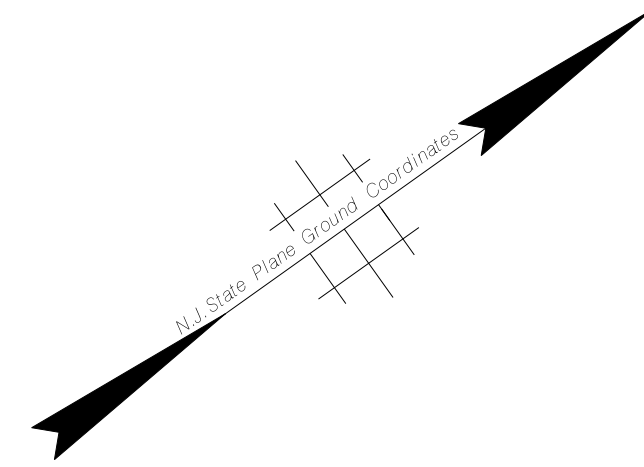


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 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
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 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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LEGEND
EXISTING PROPOSED

	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

	EXISTING		PROPOSED	UTILITY POLE
				PAVEMENT AREA
				CURB RAMP DETECTABLE WARNING SURFACE
				PEDESTRIAN PUSH BUTTON
				POST MOUNTED SIGN
				MAST ARM SIGN
				DRAINAGE INLET

	EXISTING		PROPOSED	SIDEWALK
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				CONCRETE CURB
				CURB RAMP

	PROPOSED	CONCRETE ISLAND
		HIGH FRICTION SURFACE COURSE
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		PARTIAL UPGRADED SIGNAL
		BUS STOP

	EXISTING/ PROPOSED	BUS SHELTER
		BUS STOP

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SCALE IN FEET

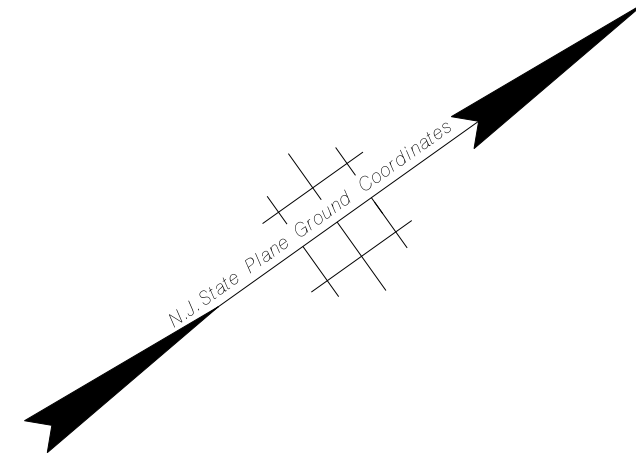
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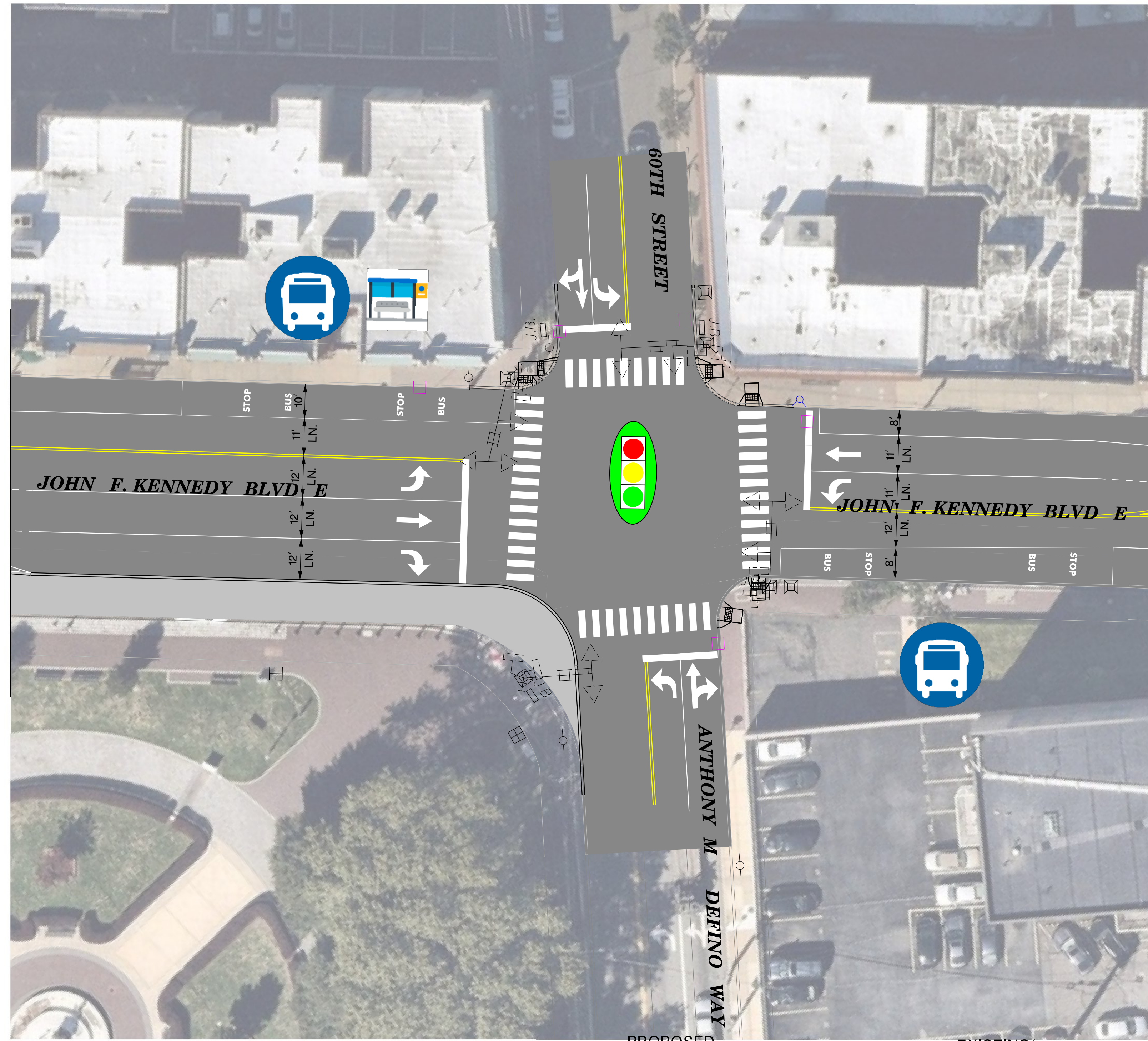
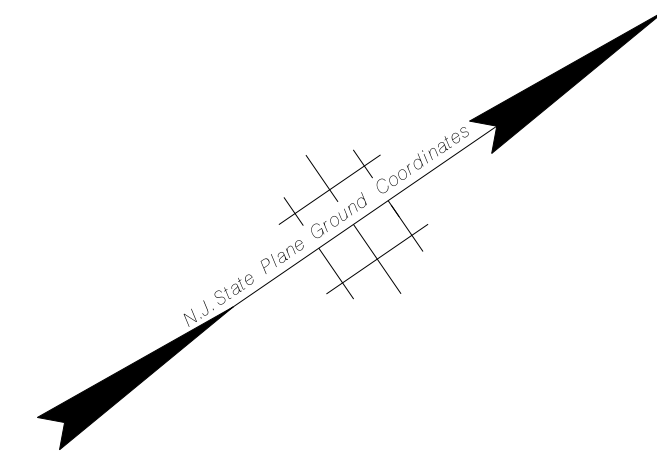
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	BUS STOP
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SCALE IN FEET

COUNTY OF HUDSON DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES	
CONCEPT PLANS PARK AVENUE (CR 677), JFK BLVD. E /BLVD. W & JFK BLVD. (CR 501)	
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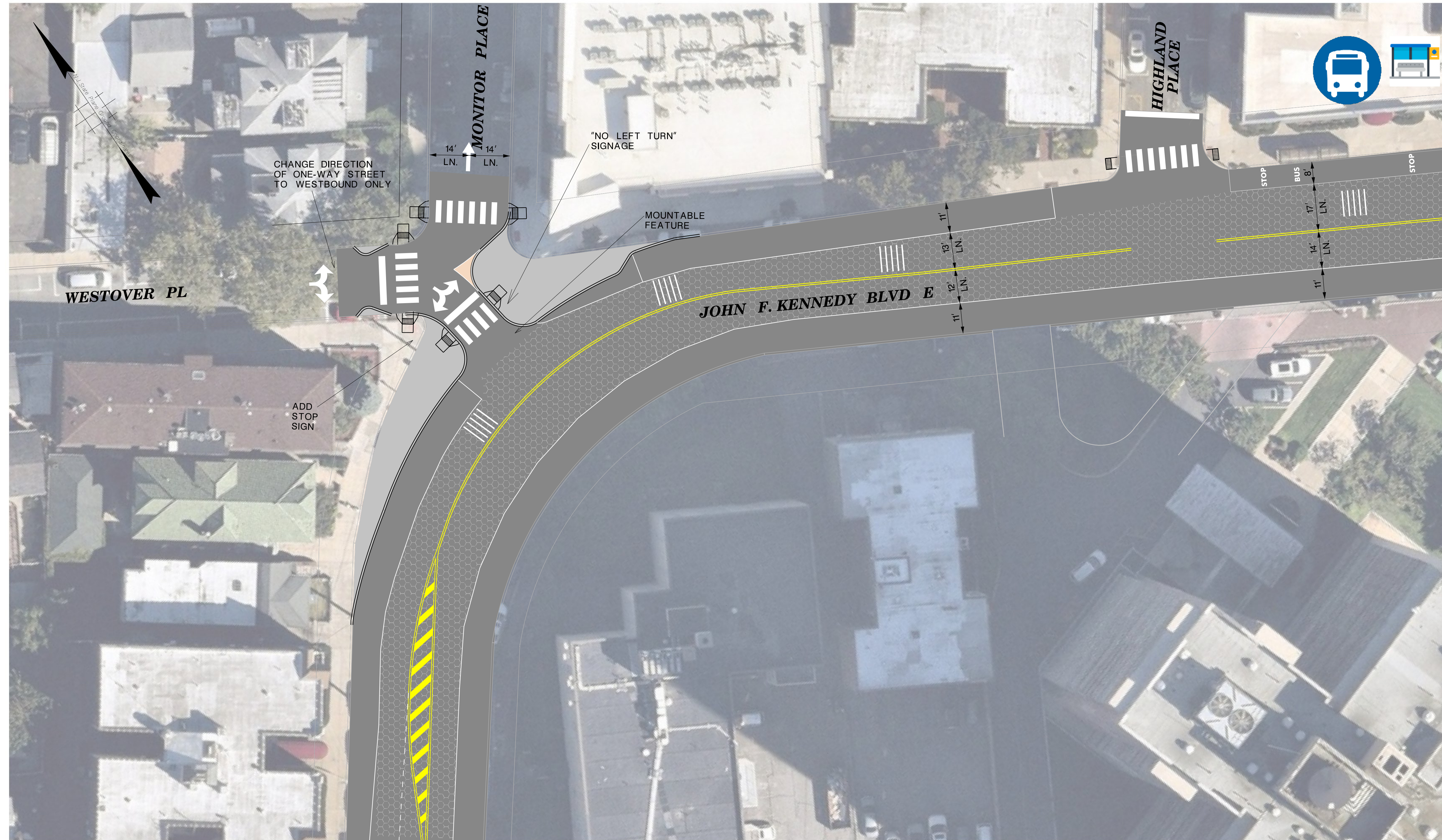
**COUNTY OF HUDSON
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LEGEND		EXISTING	PROPOSED	EXISTING	PROPOSED
	TRAFFIC SIGNAL HEAD				
	PEDESTRIAN SIGNAL HEAD				
	IMAGE DETECTOR				
	AREA OF DETECTION				
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	TRAFFIC SIGNAL POLE FOUNDATION				
	JUNCTION BOX				

EXISTING	PROPOSED	EXISTING	PROPOSED

EXISTING/PROPOSED	DESCRIPTION
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SCALE IN FEET

DP-30
DP-46

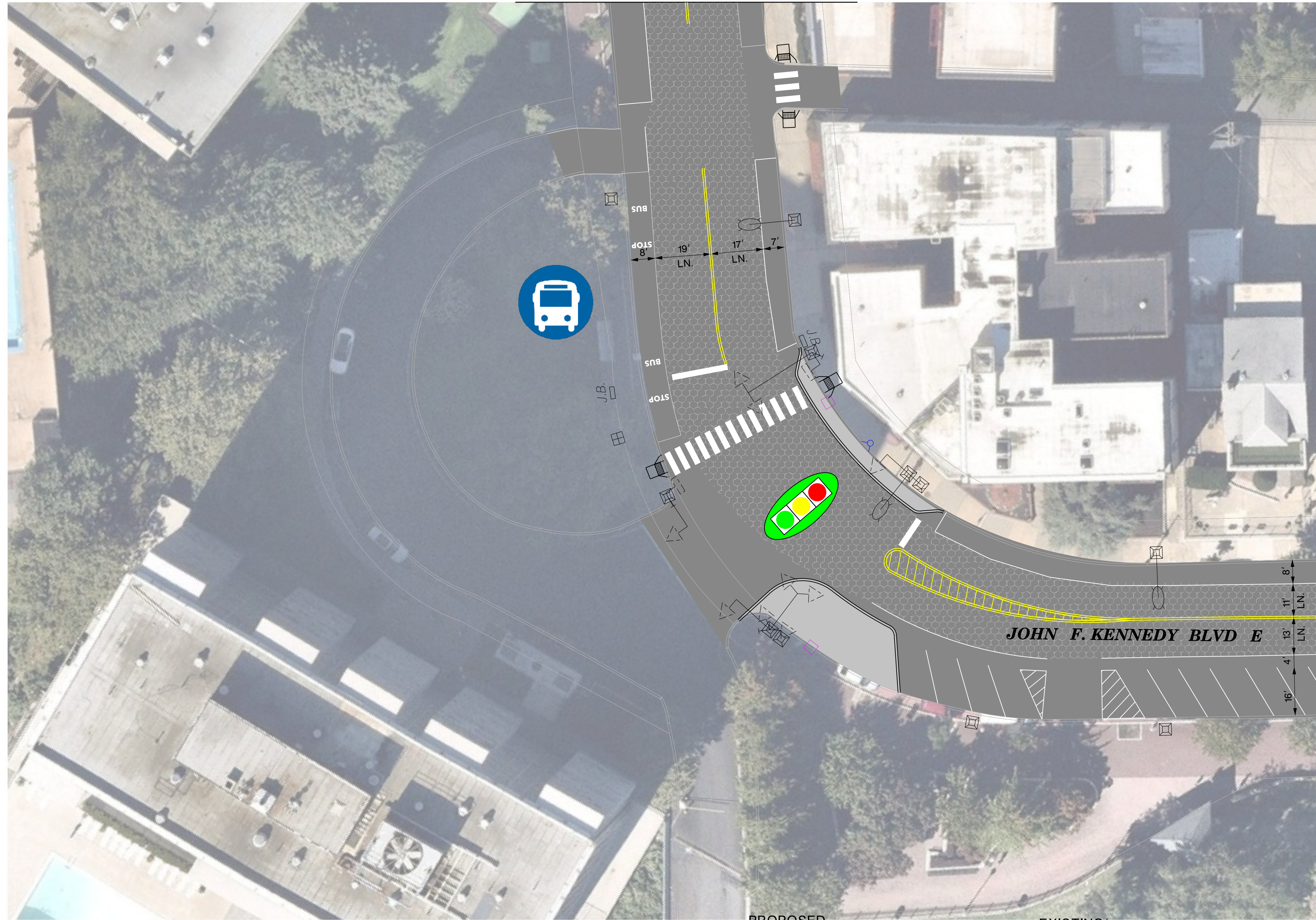
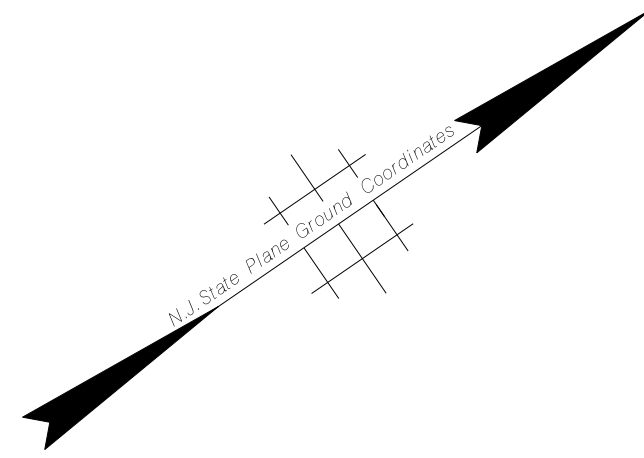
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30
46



LEGEND

EXISTING PROPOSED

- TRAFFIC SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
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- JUNCTION BOX

EXISTING PROPOSED

- UTILITY POLE
- PAVEMENT AREA
- CURB RAMP DETECTABLE WARNING SURFACE
- PEDESTRIAN PUSH BUTTON
- POST MOUNTED SIGN
- MAST ARM SIGN
- DRAINAGE INLET

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For Discussion Purposes Only



COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES

CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

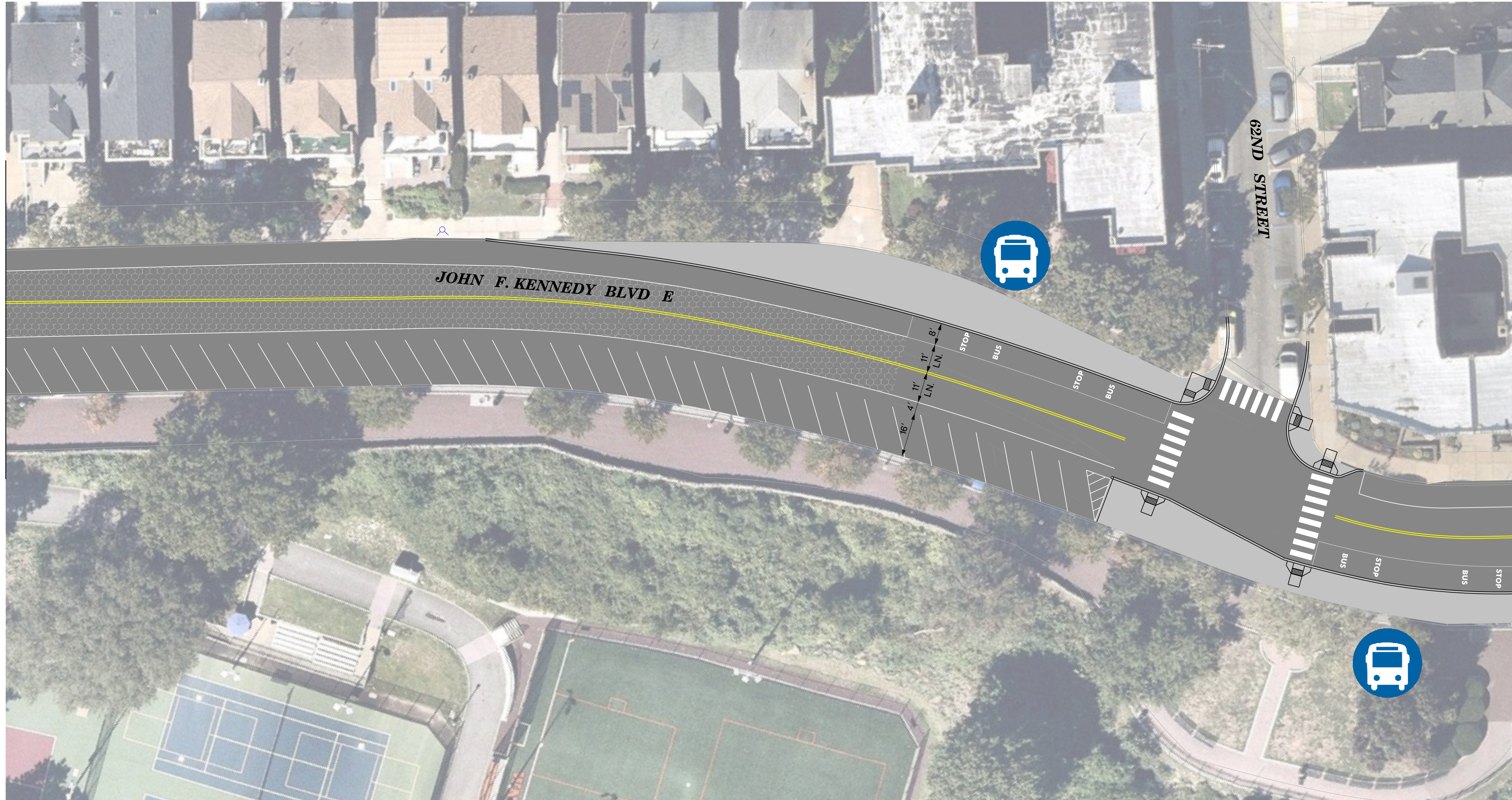
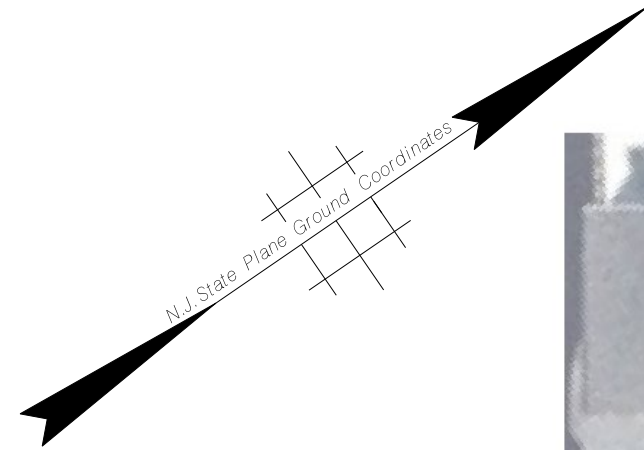
Michael Baker INTERNATIONAL

MICHAEAL BAKER INTERNATIONAL, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

DP-31
DP-46

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LEGEND

EXISTING	PROPOSED	DESCRIPTION
		TRAFFIC SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		IMAGE DETECTOR
		AREA OF DETECTION
		TRAFFIC SIGNAL CABINET AND METER CABINET
		TRAFFIC SIGNAL POLE FOUNDATION
		JUNCTION BOX

EXISTING	PROPOSED	DESCRIPTION
		UTILITY POLE
		PAVEMENT AREA
		CURB RAMP DETECTABLE WARNING SURFACE
		PEDESTRIAN PUSH BUTTON
		POST MOUNTED SIGN
		MAST ARM SIGN
		DRAINAGE INLET

EXISTING	PROPOSED	DESCRIPTION
		SIDEWALK
		MAST ARM
		PAINTED PEDESTRIAN CROSSWALK
		PAINTED DOUBLE YELLOW LINE
		CONCRETE CURB
		CURB RAMP

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

DRAFT
For Discussion Purposes Only

SCALE IN FEET

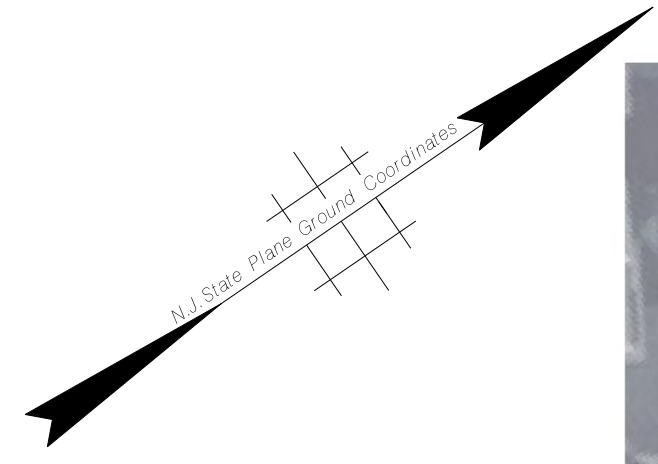
DP-32
DP-46

COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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USER: \$\$\$\$USERNAMESS\$ DATE & TIME: 30-NOV-2022 16:31 MBI: PW PATH LOCATION: pw://mb-us-pw-bentley.com/mb-us-pw-08/Documents/Hamilton_NJ/01_Projects/NJTPA/76703_NJTPA-FY-2018-LEAP/B-2_Hudson-County/CADD/Display/Display-Plans/76703_DP-33.dgn

EXISTING	PROPOSED	DESCRIPTION
		TRAFFIC SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		IMAGE DETECTOR
		AREA OF DETECTION
		TRAFFIC SIGNAL CABINET AND METER CABINET
		TRAFFIC SIGNAL POLE FOUNDATION
		JUNCTION BOX

EXISTING	PROPOSED	DESCRIPTION
		UTILITY POLE
		PAVEMENT AREA
		CURB RAMP DETECTABLE WARNING SURFACE
		PEDESTRIAN PUSH BUTTON
		POST MOUNTED SIGN
		MAST ARM SIGN
		DRAINAGE INLET

EXISTING	PROPOSED	DESCRIPTION
		SIDEWALK
		MAST ARM
		PAINTED PEDESTRIAN CROSSWALK
		PAINTED DOUBLE YELLOW LINE
		CONCRETE CURB
		CURB RAMP

PROPOSED	DESCRIPTION
	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED	DESCRIPTION
	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

DRAFT
For Discussion Purposes Only

SCALE IN FEET

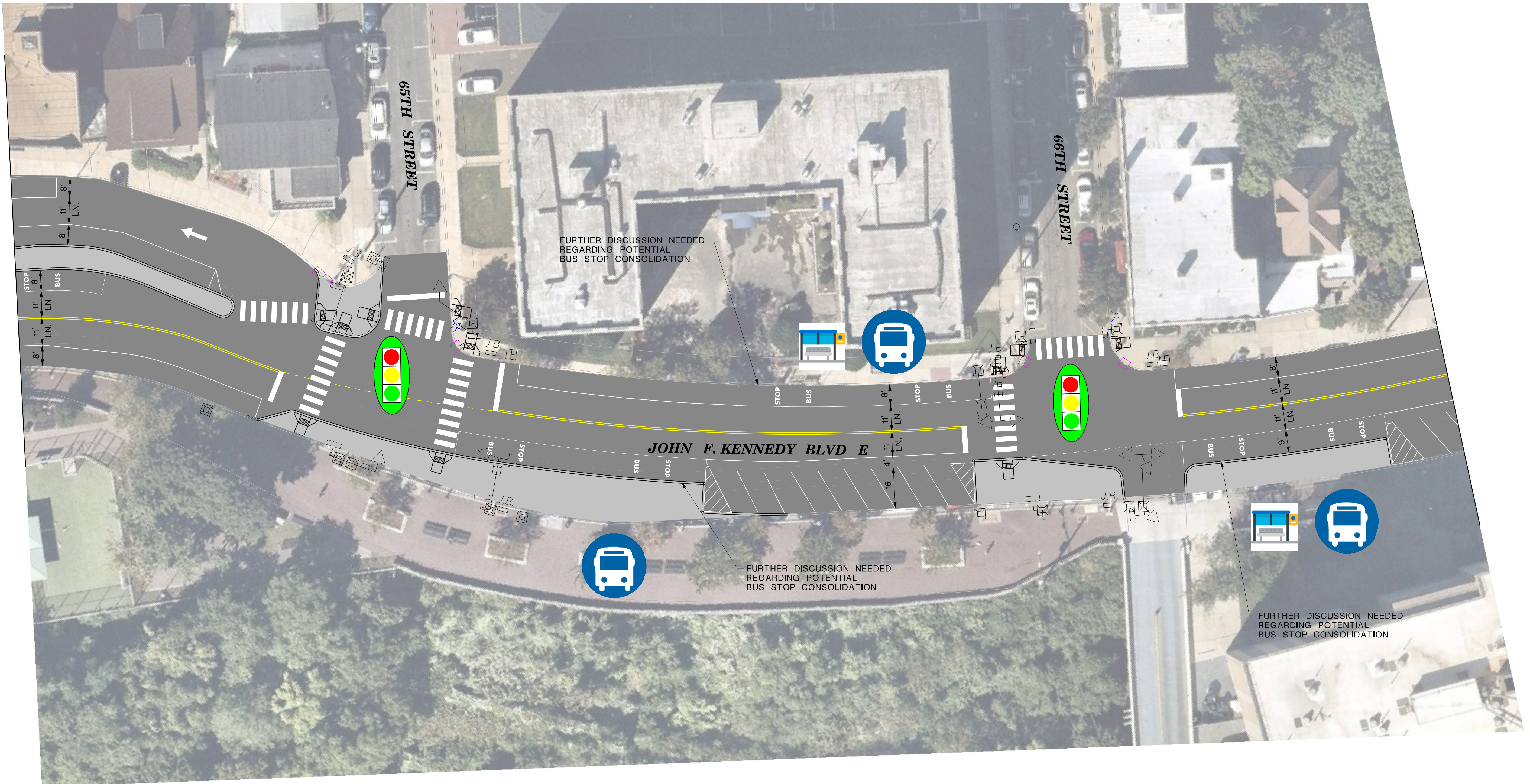
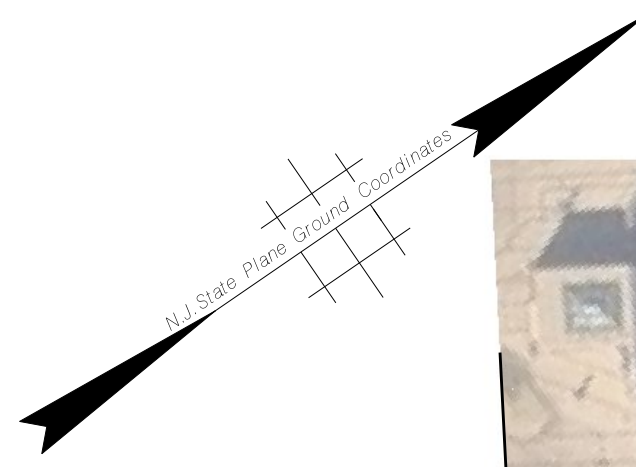
DP-33
DP-46

COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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LEGEND
EXISTING PROPOSED

	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

	UTILITY POLE
	PAVEMENT AREA
	CURB RAMP DETECTABLE WARNING SURFACE
	PEDESTRIAN PUSH BUTTON
	POST MOUNTED SIGN
	MAST ARM SIGN
	DRAINAGE INLET

	EXISTING SIDEWALK		PROPOSED SIDEWALK
	EXISTING MAST ARM		PROPOSED MAST ARM
	EXISTING PAINTED PEDESTRIAN CROSSWALK		PROPOSED PAINTED PEDESTRIAN CROSSWALK
	EXISTING PAINTED DOUBLE YELLOW LINE		PROPOSED PAINTED DOUBLE YELLOW LINE
	EXISTING CONCRETE CURB		PROPOSED CONCRETE CURB
	EXISTING CURB RAMP		PROPOSED CURB RAMP

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP

NOTES
INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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For Discussion Purposes Only

SCALE IN FEET

DP-34
DP-46

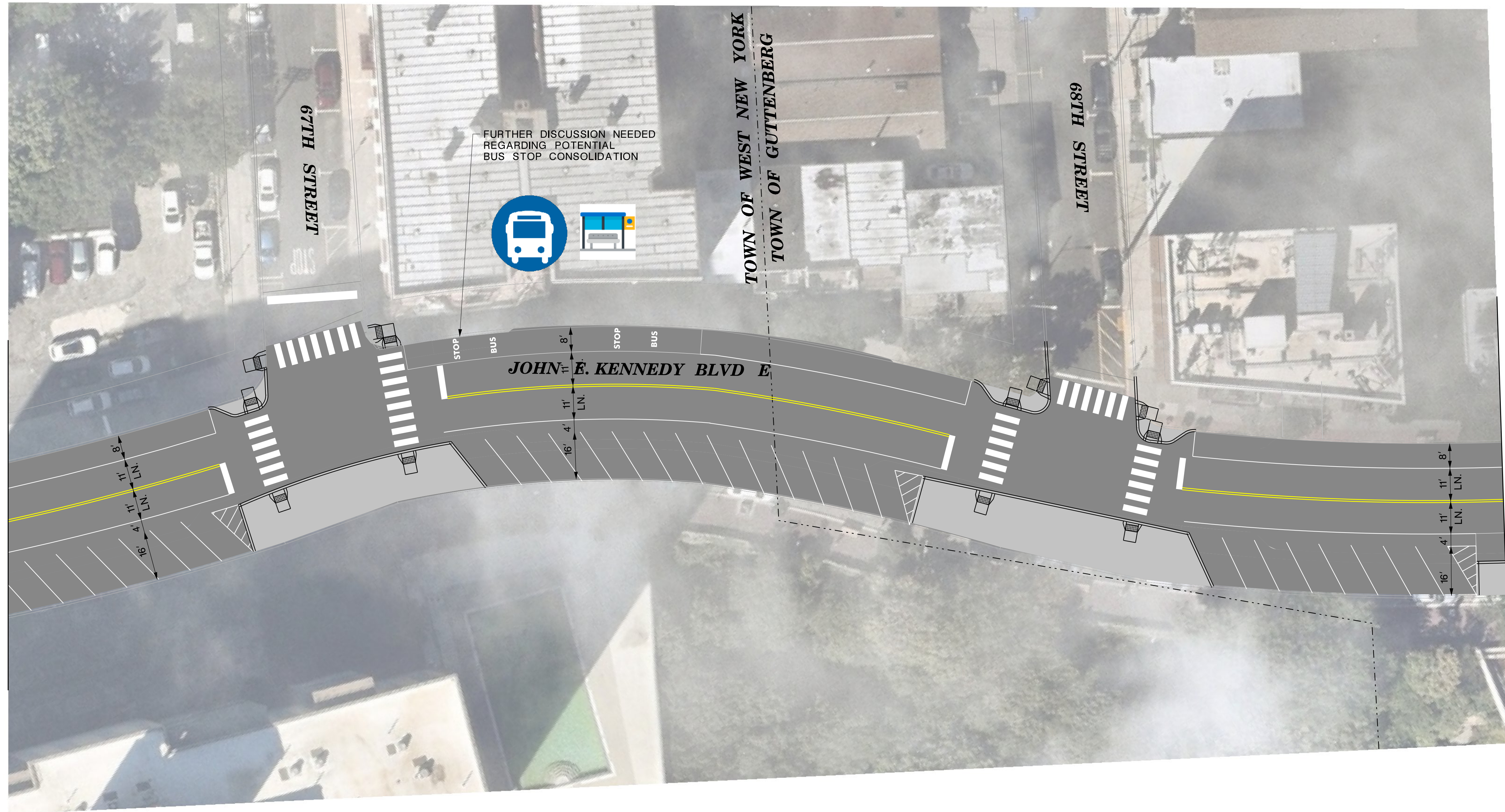
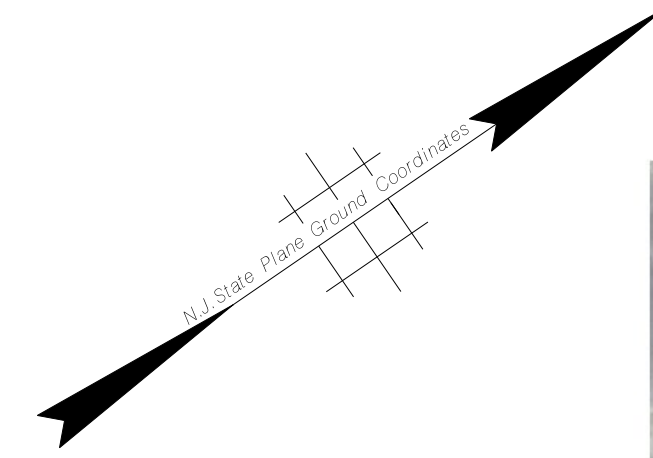
COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

34
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TOWN OF WEST NEW YORK
TOWN OF GUTTENBERG



USER: \$\$\$\$ USERNAME: \$\$\$
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LEGEND
EXISTING PROPOSED

	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

	UTILITY POLE
	PAVEMENT AREA
	CURB RAMP DETECTABLE WARNING SURFACE
	PEDESTRIAN PUSH BUTTON
	POST MOUNTED SIGN
	MAST ARM SIGN
	DRAINAGE INLET

	SIDEWALK
	MAST ARM
	PAINTED PEDESTRIAN CROSSWALK
	PAINTED DOUBLE YELLOW LINE
	CONCRETE CURB
	CURB RAMP

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP



NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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For Discussion Purposes Only



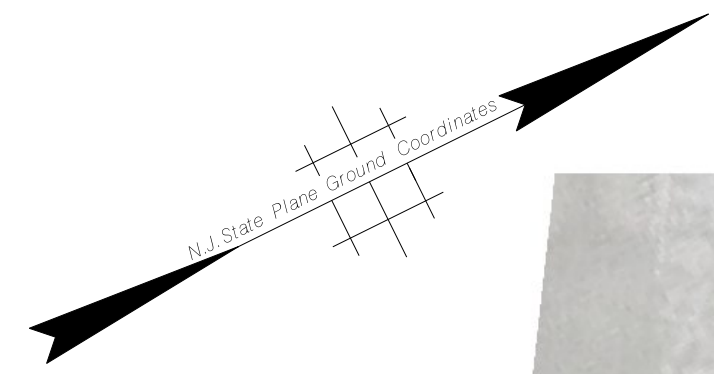
COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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LEGEND	
EXISTING	PROPOSED
	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

EXISTING	PROPOSED
	UTILITY POLE
	PAVEMENT AREA
	CURB RAMP DETECTABLE WARNING SURFACE
	PEDESTRIAN PUSH BUTTON
	POST MOUNTED SIGN
	MAST ARM SIGN
	DRAINAGE INLET

EXISTING	PROPOSED
	SIDEWALK
	MAST ARM
	PAINTED PEDESTRIAN CROSSWALK
	PAINTED DOUBLE YELLOW LINE
	CONCRETE CURB
	CURB RAMP

PROPOSED	
	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/ PROPOSED	
	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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SCALE IN FEET

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DP-46

**COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES**

**CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)**

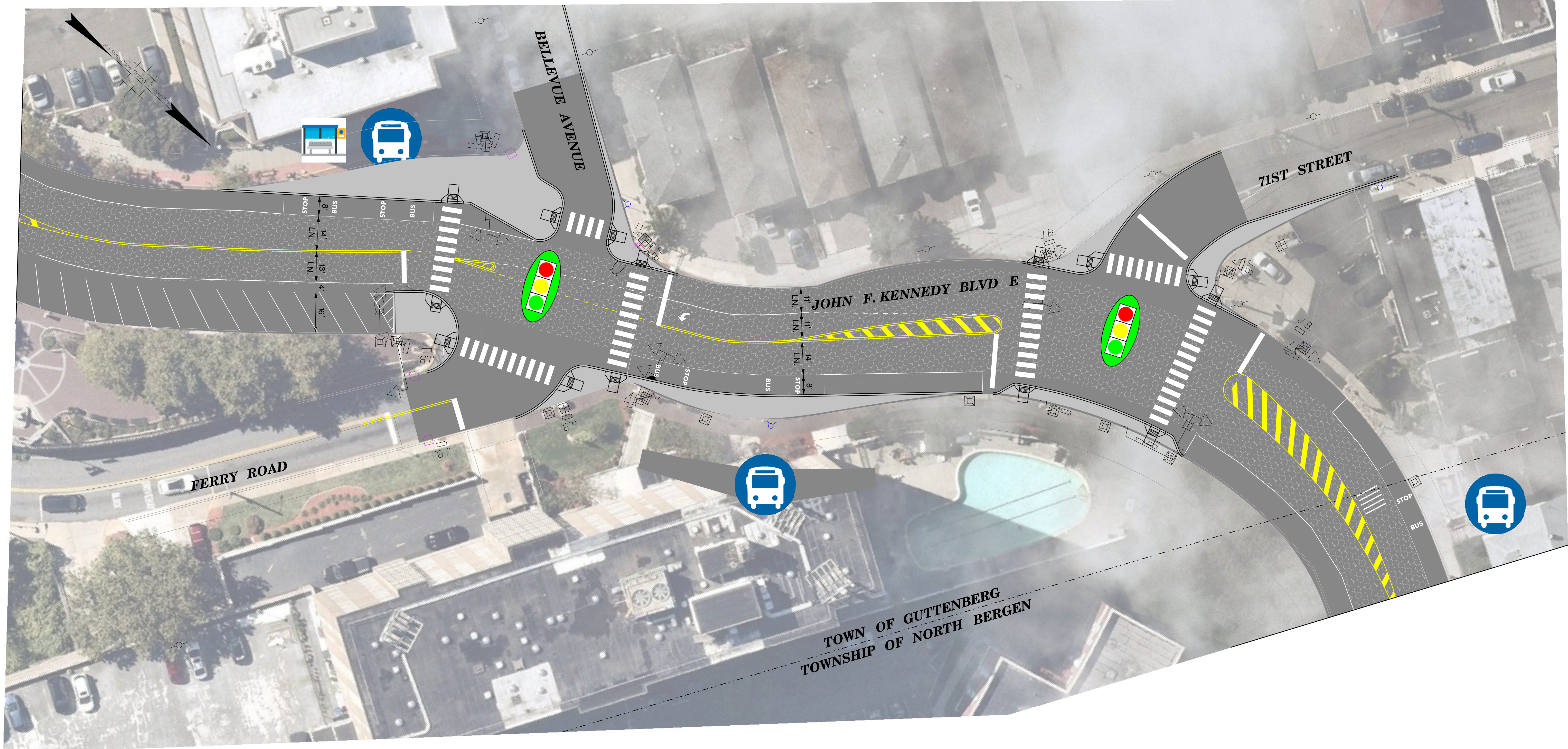



MICHAEL BAKER INTERNATIONAL, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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46

TOWN OF GUTTENBERG
TOWNSHIP OF NORTH BERGEN



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LEGEND

EXISTING	PROPOSED	DESCRIPTION
		TRAFFIC SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		IMAGE DETECTOR
		AREA OF DETECTION
		TRAFFIC SIGNAL CABINET AND METER CABINET
		TRAFFIC SIGNAL POLE FOUNDATION
		JUNCTION BOX

EXISTING	PROPOSED	DESCRIPTION
		UTILITY POLE
		PAVEMENT AREA
		CURB RAMP DETECTABLE WARNING SURFACE
		PEDESTRIAN PUSH BUTTON
		POST MOUNTED SIGN
		MAST ARM SIGN
		DRAINAGE INLET

EXISTING	PROPOSED	DESCRIPTION
		SIDEWALK
		MAST ARM
		PAINTED PEDESTRIAN CROSSWALK
		PAINTED DOUBLE YELLOW LINE
		CONCRETE CURB
		CURB RAMP

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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For Discussion Purposes Only

SCALE IN FEET

DP-37
DP-46

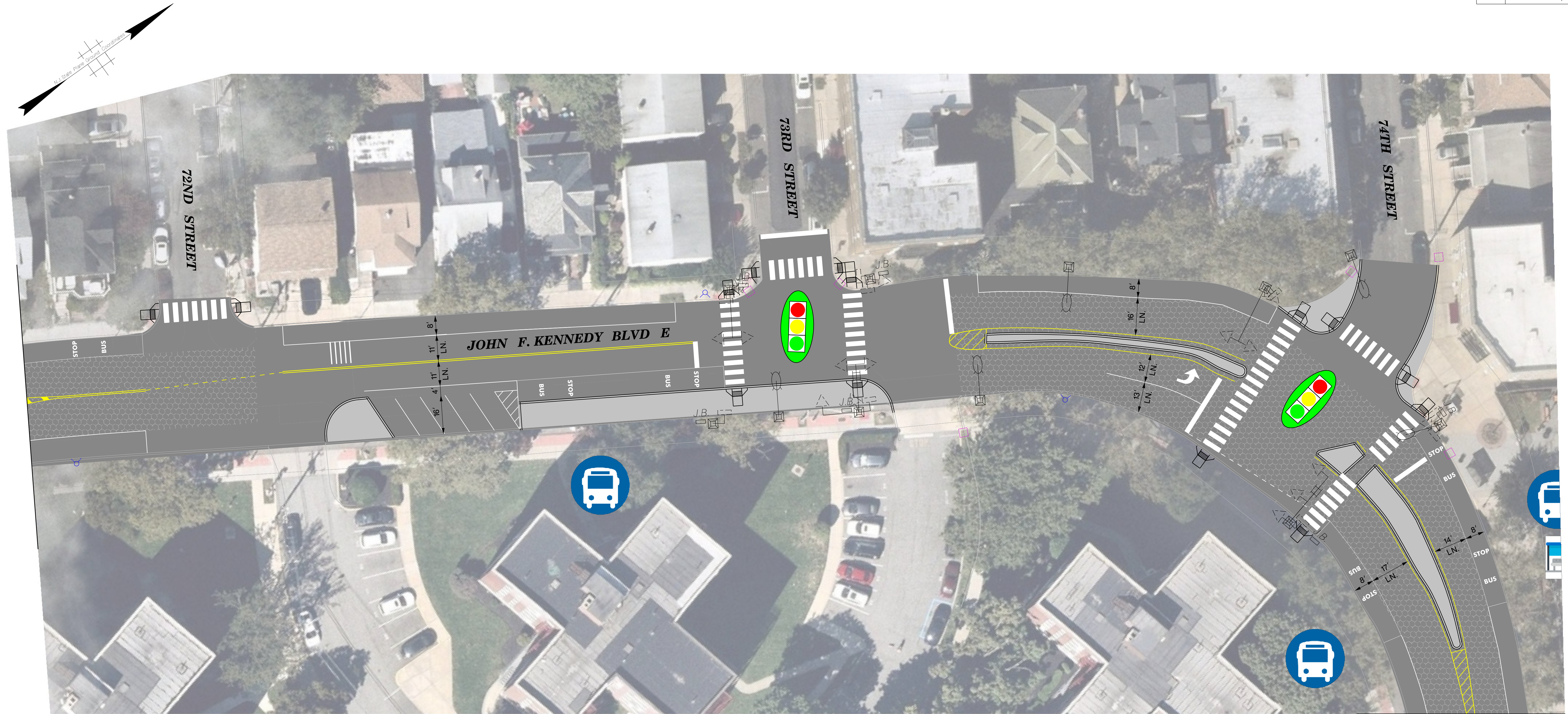
COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES

CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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LEGEND	
EXISTING	PROPOSED
	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

EXISTING	PROPOSED
	UTILITY POLE
	PAVEMENT AREA
	CURB RAMP DETECTABLE WARNING SURFACE
	PEDESTRIAN PUSH BUTTON
	POST MOUNTED SIGN
	MAST ARM SIGN
	DRAINAGE INLET

EXISTING	PROPOSED
	SIDEWALK
	MAST ARM
	PAINTED PEDESTRIAN CROSSWALK
	PAINTED DOUBLE YELLOW LINE
	CONCRETE CURB
	CURB RAMP

PROPOSED	
	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED	
	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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For Discussion Purposes Only

SCALE IN FEET

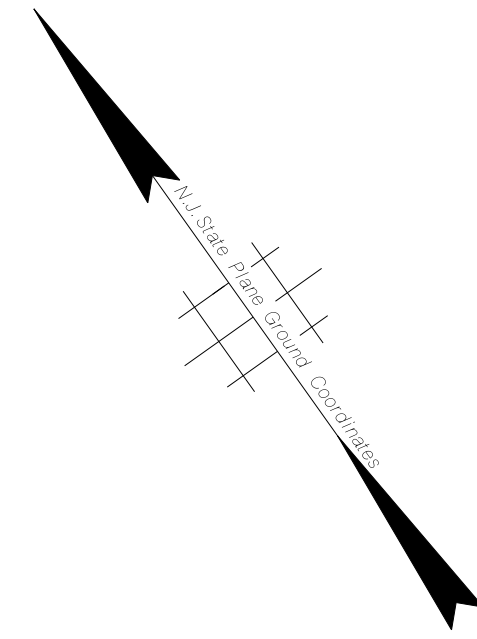
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COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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LEGEND
EXISTING PROPOSED

	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

	EXISTING		PROPOSED	UTILITY POLE
				PAVEMENT AREA
				CURB RAMP DETECTABLE WARNING SURFACE
				PEDESTRIAN PUSH BUTTON
				POST MOUNTED SIGN
				MAST ARM SIGN
				DRAINAGE INLET

	EXISTING		PROPOSED	SIDEWALK
				MAST ARM
				PAINTED PEDESTRIAN CROSSWALK
				PAINTED DOUBLE YELLOW LINE
				CONCRETE CURB
				CURB RAMP

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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For Discussion Purposes Only

SCALE IN FEET

DP-39
DP-46

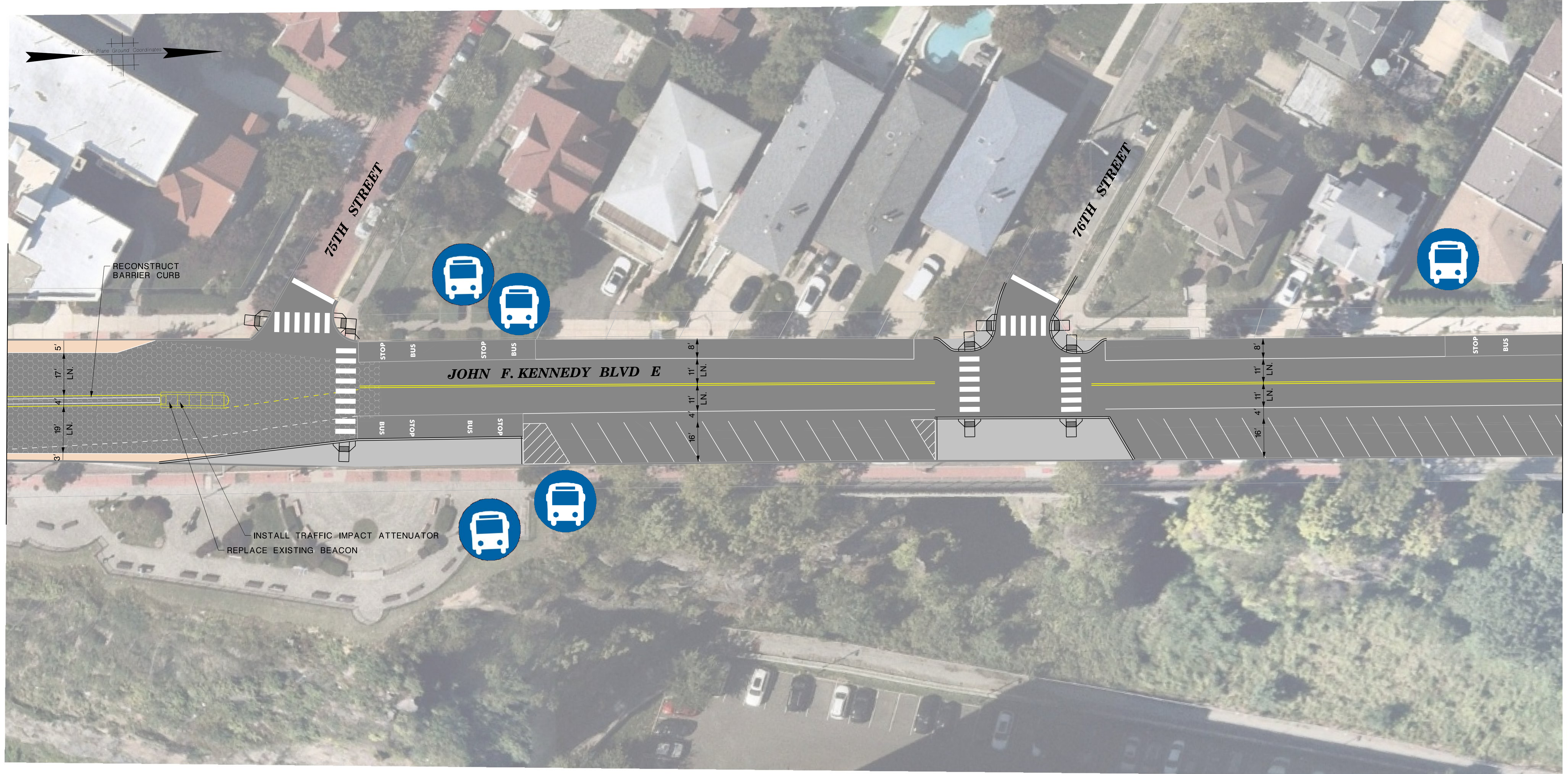
COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES

CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

EXISTING	PROPOSED	EXISTING	PROPOSED

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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For Discussion Purposes Only



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COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES

CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

Michael Baker INTERNATIONAL

MICHAEL BAKER INTERNATIONAL, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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EXISTING	PROPOSED	DESCRIPTION
		TRAFFIC SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		IMAGE DETECTOR
		AREA OF DETECTION
		TRAFFIC SIGNAL CABINET AND METER CABINET
		TRAFFIC SIGNAL POLE FOUNDATION
		JUNCTION BOX

EXISTING	PROPOSED	DESCRIPTION
		UTILITY POLE
		PAVEMENT AREA
		CURB RAMP DETECTABLE WARNING SURFACE
		PEDESTRIAN PUSH BUTTON
		POST MOUNTED SIGN
		MAST ARM SIGN
		DRAINAGE INLET

EXISTING	PROPOSED	DESCRIPTION
		SIDEWALK
		MAST ARM
		PAINTED PEDESTRIAN CROSSWALK
		PAINTED DOUBLE YELLOW LINE
		CONCRETE CURB
		CURB RAMP

PROPOSED	DESCRIPTION
	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED	DESCRIPTION
	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

DRAFT
For Discussion Purposes Only

SCALE IN FEET

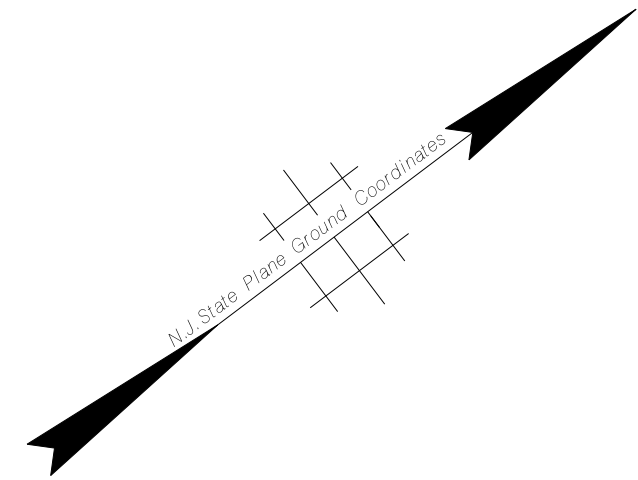
DP-41
DP-46

COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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 46



USERNAME: \$\$\$USERNAMESS\$\$
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LEGEND	
EXISTING	PROPOSED
	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

EXISTING	PROPOSED
	UTILITY POLE
	PAVEMENT AREA
	CURB RAMP DETECTABLE WARNING SURFACE
	PEDESTRIAN PUSH BUTTON
	POST MOUNTED SIGN
	MAST ARM SIGN
	DRAINAGE INLET

EXISTING	PROPOSED
	SIDEWALK
	MAST ARM
	PAINTED PEDESTRIAN CROSSWALK
	PAINTED DOUBLE YELLOW LINE
	CONCRETE CURB
	CURB RAMP

PROPOSED	
	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/ PROPOSED	
	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS



DRAFT
For Discussion Purposes Only

SCALE IN FEET

DP-42
DP-46

**COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES**

**CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)**

MICHAEL BAKER INTERNATIONAL, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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46



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

EXISTING	PROPOSED	EXISTING	PROPOSED

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

DRAFT
For Discussion Purposes Only

SCALE IN FEET

DP-43
DP-46

COUNTY OF HUDSON
DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES

CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

MICHAEL BAKER INTERNATIONAL, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

43
46

USER:NAME:SSS\USER\NAME:SSS
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LEGEND		EXISTING	PROPOSED	DESCRIPTION
	TRAFFIC SIGNAL HEAD			
	PEDESTRIAN SIGNAL HEAD			
	IMAGE DETECTOR			
	AREA OF DETECTION			
	TRAFFIC SIGNAL CABINET AND METER CABINET			
	TRAFFIC SIGNAL POLE FOUNDATION			
	JUNCTION BOX			

EXISTING	PROPOSED	DESCRIPTION
		UTILITY POLE
		PAVEMENT AREA
		CURB RAMP DETECTABLE WARNING SURFACE
		PEDESTRIAN PUSH BUTTON
		POST MOUNTED SIGN
		MAST ARM SIGN
		DRAINAGE INLET

EXISTING	PROPOSED	DESCRIPTION
		CONCRETE ISLAND
		HIGH FRICTION SURFACE COURSE
		NEW SIGNAL
		FULL UPGRADED SIGNAL
		PARTIAL UPGRADED SIGNAL
		BUS STOP

EXISTING/PROPOSED	DESCRIPTION
	BUS SHELTER
	BUS STOP

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

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SCALE IN FEET

DP-44
DP-46

COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
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USERNAME: \$\$\$USERNAMESS\$\$
 DATE & TIME: 30-NOV-2022 16:33
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LEGEND
EXISTING PROPOSED

	TRAFFIC SIGNAL HEAD
	PEDESTRIAN SIGNAL HEAD
	IMAGE DETECTOR
	AREA OF DETECTION
	TRAFFIC SIGNAL CABINET AND METER CABINET
	TRAFFIC SIGNAL POLE FOUNDATION
	JUNCTION BOX

	EXISTING		PROPOSED	UTILITY POLE
				PAVEMENT AREA
				CURB RAMP DETECTABLE WARNING SURFACE
				PEDESTRIAN PUSH BUTTON
				POST MOUNTED SIGN
				MAST ARM SIGN
				DRAINAGE INLET

	EXISTING		PROPOSED	SIDEWALK
				MAST ARM
				PAINTED PEDESTRIAN CROSSWALK
				PAINTED DOUBLE YELLOW LINE
				CONCRETE CURB
				CURB RAMP

PROPOSED

	CONCRETE ISLAND
	HIGH FRICTION SURFACE COURSE
	NEW SIGNAL
	FULL UPGRADED SIGNAL
	PARTIAL UPGRADED SIGNAL
	BUS STOP

EXISTING/PROPOSED

	BUS SHELTER
	BUS STOP

NOTES
INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

DRAFT
For Discussion Purposes Only

SCALE IN FEET

DP-45
DP-46

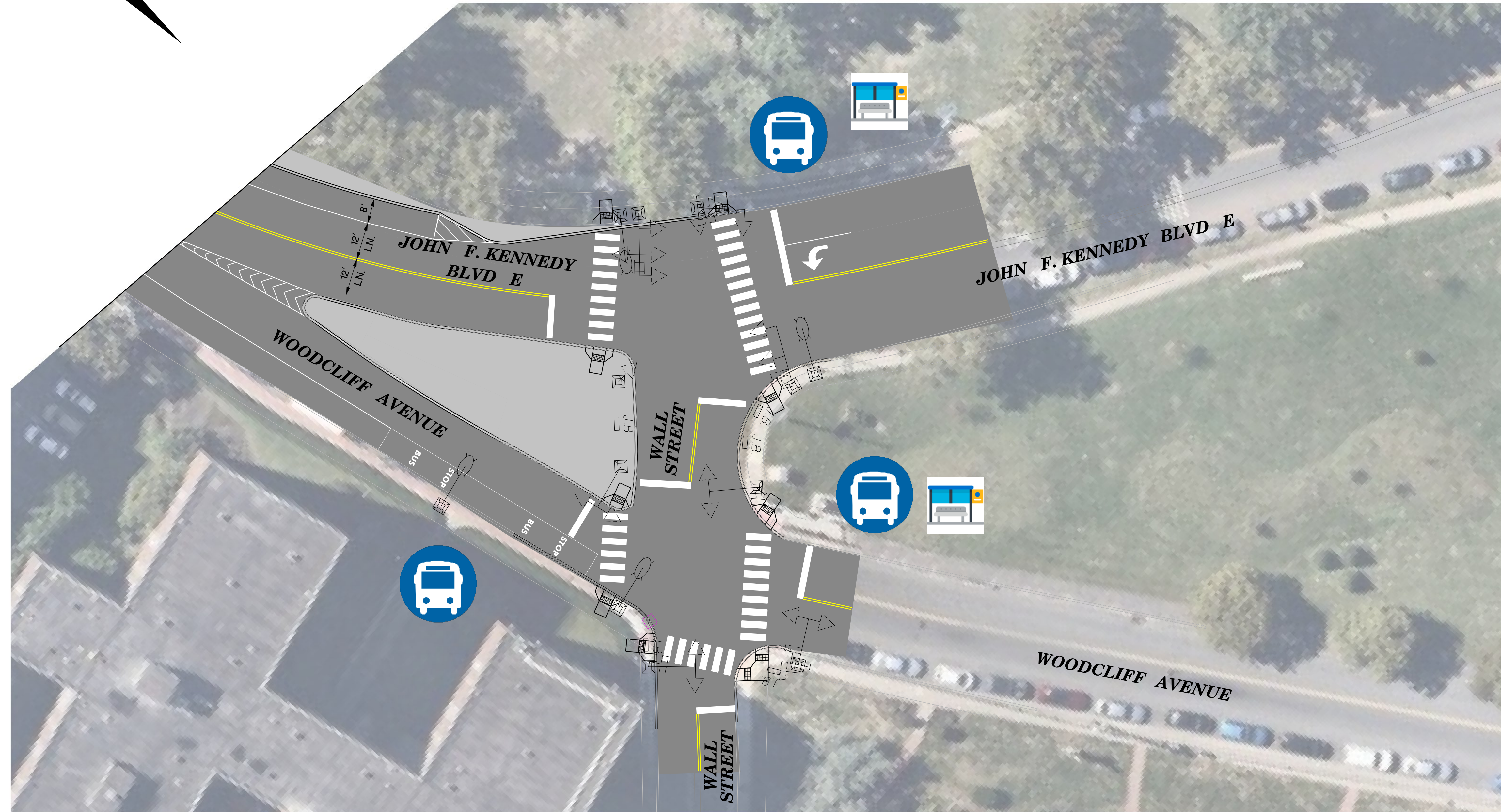
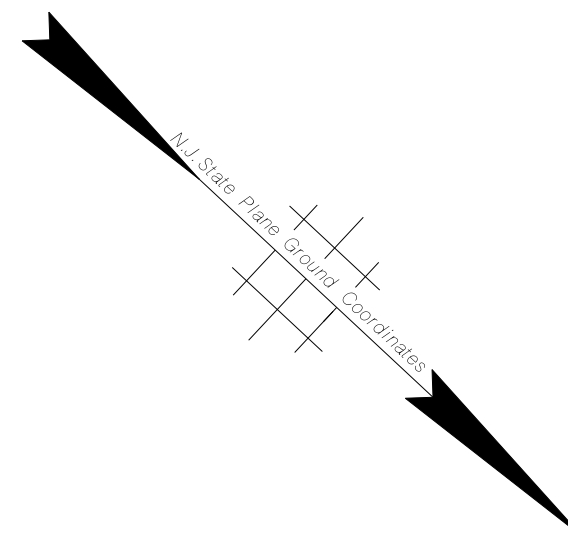
COUNTY OF HUDSON
 DEPARTMENT OF ENGINEERING, PUBLIC WORKS AND FACILITIES
CONCEPT PLANS
PARK AVENUE (CR 677), JFK BLVD. E
/BLVD. W & JFK BLVD. (CR 501)

 NORTH JERSEY TRANSPORTATION PLANNING AUTHORITY

 MICHAEL BAKER INTERNATIONAL, INC.
 CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

BRAD J. MILLER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04927300

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LEGEND
EXISTING PROPOSED

- | | |
|--|--|
| | TRAFFIC SIGNAL HEAD |
| | PEDESTRIAN SIGNAL HEAD |
| | IMAGE DETECTOR |
| | AREA OF DETECTION |
| | TRAFFIC SIGNAL CABINET AND METER CABINET |
| | TRAFFIC SIGNAL POLE FOUNDATION |
| | JUNCTION BOX |

- | | | | | |
|--|----------|--|----------|--------------------------------------|
| | EXISTING | | PROPOSED | UTILITY POLE |
| | | | | PAVEMENT AREA |
| | | | | CURB RAMP DETECTABLE WARNING SURFACE |
| | | | | PEDESTRIAN PUSH BUTTON |
| | | | | POST MOUNTED SIGN |
| | | | | MAST ARM SIGN |
| | | | | DRAINAGE INLET |

- | | | | | |
|--|----------|--|----------|------------------------------|
| | EXISTING | | PROPOSED | SIDEWALK |
| | | | | MAST ARM |
| | | | | PAINTED PEDESTRIAN CROSSWALK |
| | | | | PAINTED DOUBLE YELLOW LINE |
| | | | | CONCRETE CURB |
| | | | | CURB RAMP |

- PROPOSED**
- | | |
|--|------------------------------|
| | CONCRETE ISLAND |
| | HIGH FRICTION SURFACE COURSE |
| | NEW SIGNAL |
| | FULL UPGRADED SIGNAL |
| | PARTIAL UPGRADED SIGNAL |
| | BUS STOP |

- EXISTING/PROPOSED**
- | | |
|--|-------------|
| | BUS SHELTER |
| | BUS STOP |

NOTES

INSTALL 1 DRIVER FEEDBACK SIGN IN EACH DIRECTION APPROXIMATELY EVERY 10 BLOCKS

DRAFT
For Discussion Purposes Only

SCALE IN FEET

DP-46

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Estimated Project Costs

- Design: ~\$1.3 million
- Construction: ~\$15+ million
- Construction Inspection: ~\$2.7 million
- All costs covered by the Federal Highway Administration (FHWA)

FOR DISCUSSION PURPOSES ONLY

Next Steps

Activity	Timeframe
Complete Preliminary Design	December 2022
NJDOT to Approve Environmental Documentation	Fall 2023
Complete Final Design and Submit to NJDOT for Review	Fall 2024
Anticipated Federal Authorization to Construct*	Spring 2025
Anticipated Construction Start*	Summer 2025
Construction Substantially Completed*	Spring 2027

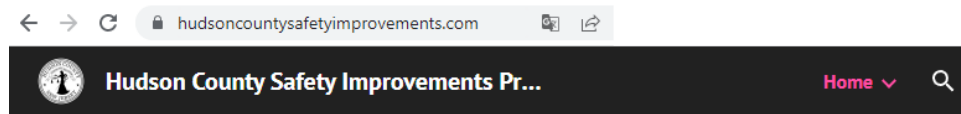
**Subject to NJDOT Authorization*

FOR DISCUSSION PURPOSES ONLY

Q&A

Written comments can be submitted via:

<https://www.HudsonCountySafetyImprovements.com/>



Comments/Comentarios

Comments Accepted through December 15,
2022

(Comentarios aceptados hasta el 15 de
diciembre de 2022)



Comments/Comentarios

Comments can also be mailed to (Los comentarios también pueden enviarse por correo a):

Jose M. Sieira, Director of Traffic and Transportation
Hudson County Engineering
830 Bergen Avenue, Floor 6B
Bergen Square Center
Jersey City, NJ 07306

<http://www.HudsonCountySafetyImprovements.com>



Comments/Comentarios

Hudson County Safety Improvements Project

darbmiller@gmail.com (not shared) [Switch account](#)

* Required

Name *

Your answer

Email *

Your answer

Address/ la dirección *

Your answer