

# Route 4, Bridge over Palisade Ave. and CSX, Bridge Improvement

***Green Acres Public Hearing***  
***July 30, 2024***  
***6pm to 8pm***



# Agenda

1. Project Introduction
  - a. Bridge Improvements
  - b. Roadway Improvements
  - c. Drainage Improvements
2. Affected Green Acres Properties
  - a. Anticipated Impacts
3. Green Acres Mitigation
  - a. Replacement Parcel
4. Q&A



# Project Introduction

## Bridge Improvements

- Existing 8 span bridge will be replaced with a 5 Span Continuous Bridge.
- Length of the new bridge will be same as the existing.
- New Bridge will be approximately 18 feet wider.

## Proposed New Structures:

- Four Retaining Walls
- One Cantilever Sign Structure
- One CCTV Camera
- One Detention Basin Under the bridge
- One Underground Detention Basin



# Project Introduction

## Roadway Improvements

- Provide 3-11' lanes in each direction
- Provide an acceleration lane from Belle Ave. to Route 4 EB
- Improve deceleration lane from Route 4 EB to Belle Ave
- Improve transition geometry from 3 lanes to 2 lanes at the Garrison Avenue Bridge through striping and signing



# Project Introduction

## Drainage Improvements

- Additional inlets to improve spread and keep water off the road
- Basins to reduce quantity at each outfall
- Manufactured Treatment Devices (MTDs) to address water quality regulations



# Project Schedule

ACTIVITY	YEAR
Construction Award	Spring, 2025
<b>Anticipated Construction Schedule</b> Utility Relocation Bridge Construction – 3 Main Stages	Summer, 2025 to Spring, 2027 Spring, 2027 to Spring, 2031

# Green Acres

## **What is Green Acres?**

*Green Acres is a program administered by the New Jersey Department of Environmental Protection that's sole mission is to preserve open space.*

## **What properties are considered encumbered?**

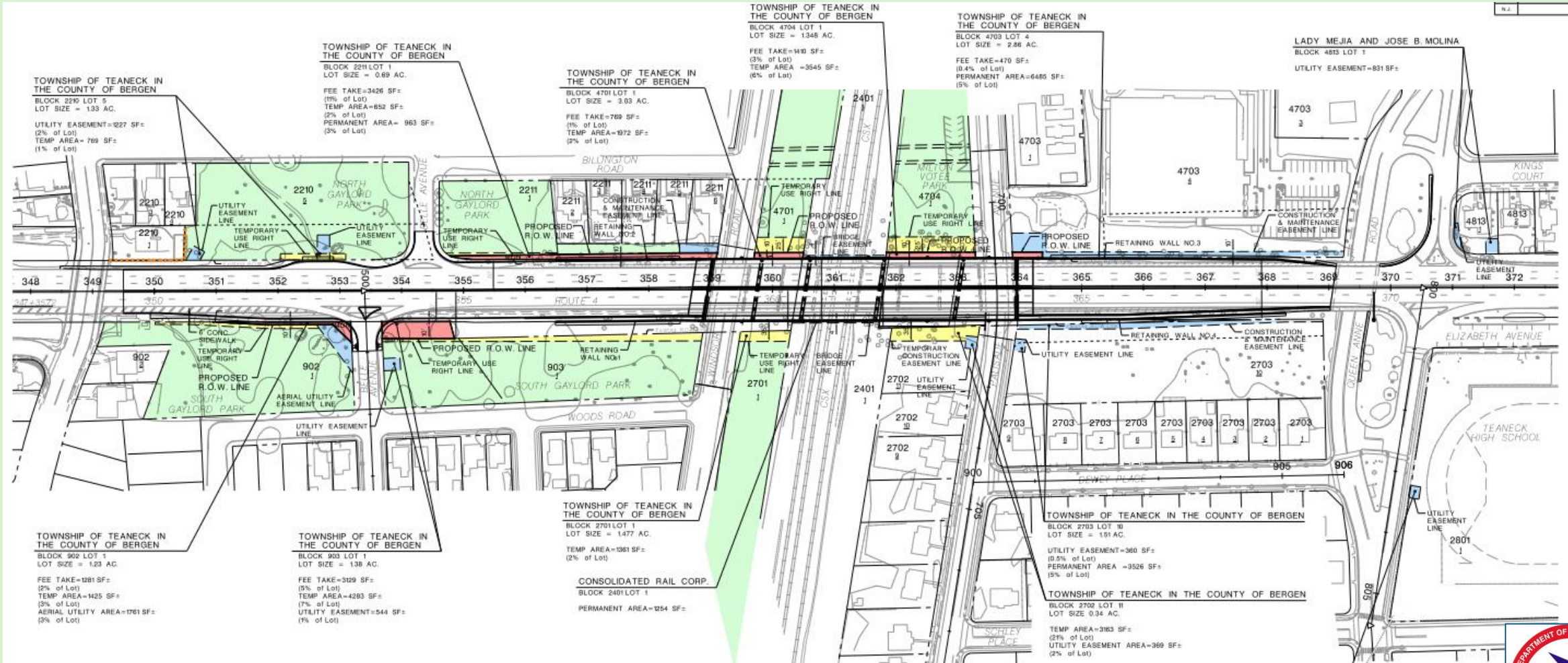
*Once a municipality enters the Green Acres program, all properties that appear on the municipality's Recreation and Open Space Inventory (ROSI) are considered Green Acres encumbered.*

## **What is considered a Green Acres Impact?**

*Any permanent change to the use is considered an impact including fee takes, permanent easements, and utilities.*



# Green Acres Impacts





# Green Acres Impacts

Summary Table

Block and Lot	Fee Take (SF)	Permanent Easement (SF)	Util easement (SF)	Temp Easement (SF)	Green Acres Impacts (SF)	
					Perm Parkland Diversions	Temp Encroachments
B902 L1	1281		1761	1425	3042	1425
B903 L1	3129		544	4283	3673	4283
B2210 L5			1227	769	1227	769
B2211 L1	3426	963		652	4389	652
B2701 L1				1361	0	1361
B4701 L1	769			1972	769	1972
B4704 L1	1410			3545	1410	3545
Total (SF)	10015	963	3532	14007		
Total (ACRE)	0.23	0.02	0.08	0.32		
			Total (SF)		14510	14007
			Total (AC)		0.33	0.32

= Green Acres Encumbered

- Because of the Bond Act that was used to fund the purchase of the land, and per Green Acres Rules, replacement land meeting a minimum land value threshold is required.



# Green Acres Mitigation

- The project proposes to mitigate for impacts with the purchase of some or all of Block 5608, Lot 10 in Teaneck, NJ. The total property size is over 6 acres and more than exceeds the value of the diverted land.
- Tree mitigation is also required. To assess tree impacts basal area is calculated via field inventories completed by a certified forester.
- Basal Area is defined as the cross-sectional area of a tree measured at breast height (approx. 4 ft from the ground).
- Basal Area of Trees on Green Acres Diverted Land along Route 4 = 114 square feet



# Green Acres Replacement Parcel Block 5068, Lot 10



Basal Area of Trees on Replacement Land = 474 square feet (net gain of 360 square feet of basal area)





# Green Acres Replacement Parcel



# Questions?

Follow up comments can be sent to  
[ShivonA.Harris@dot.nj.gov](mailto:ShivonA.Harris@dot.nj.gov)

