



# CITY OF ENGLEWOOD

## 2022 Capital Infrastructure Budget Summary

# INFRASTRUCTURE INVENTORY

**ROADWAYS:**

**STREETS: 75 miles**

**CURBS: 70 miles**

**SIDEWALK: 120,000 S.Y.**

**TRAFFIC SIGNALS: 42**



# **SANITARY INFRASTRUCTURE**

**SANITARY SEWER: 70 miles**

**MANHOLES: 1150**

**PUMP STATIONS: 3**



# STORM INFRASTRUCTURE

STORM SEWER: 30 miles

FLOOD CHANNELS: 4 miles

CATCH BASINS: 775

PUMP STATION: 1

PONDS: 3

WATERWAYS: 3



# ASSESSMENT STRATEGIES

## ROADWAYS

STREETS, CURBS, & SIDEWALK: to be inspected and assessed every year.

TRAFFIC SIGNALS: to be systematically replaced based on emergency response, vehicle usage, and traffic volumes.

## SANITARY SEWER

SANITARY SEWER: to be TV inspected for all road reconstruction projects and to have a City wide I&I study to identify critical sections.

MANHOLES: Repairs are incident driven.

PUMP STATIONS: Ongoing maintenance by outside vendor.

## STORM SEWER

STORM SEWER: Repairs are incident driven and by input from residents.

FLOOD CHANNELS: Inspect every 3-5 yrs.

CATCH BASINS: Repairs are incident driven.

PUMP STATION: Ongoing maintenance by outside vendor.

PODS: Inspect every 3-5 yrs.

WATERWAYS: inspect every 3-5 yrs.

# LIFE EXPECTANCY

## ROADWAYS

STREETS: 15-20 yrs.

CURBS: 40 yrs.

SIDEWALK: 40 yrs.

TRAFFIC SIGNALS: 100 yrs.

## SANITARY SEWER

SANITARY SEWER: 75-100 yrs.  
(DIP)

MANHOLES: 30-50 yrs.

PUMP STATIONS: 30-40 yrs.

## STORM SEWER

STORM SEWER: 50-60 yrs. (RCP)

FLOOD CHANNELS: >50 yrs.

CATCH BASINS: 30-50 yrs.

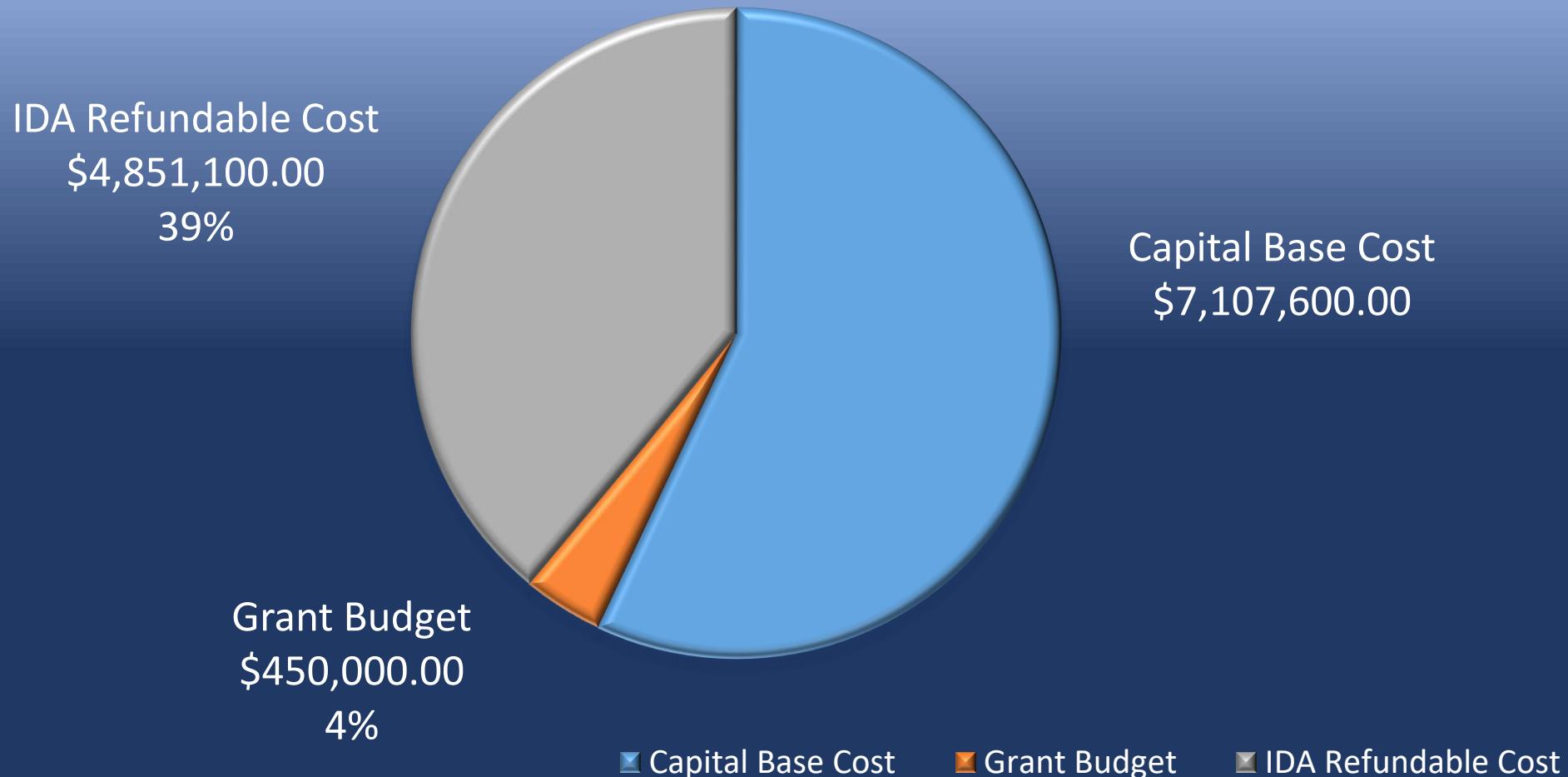
PUMP STATION: 30-40 yrs.

PONDS: (inspect @3-5yr intervals  
- dredge as needed)

WATERWAYS: 10 yrs. (dredge as  
needed)

# CAPITAL BUDGET OVERVIEW

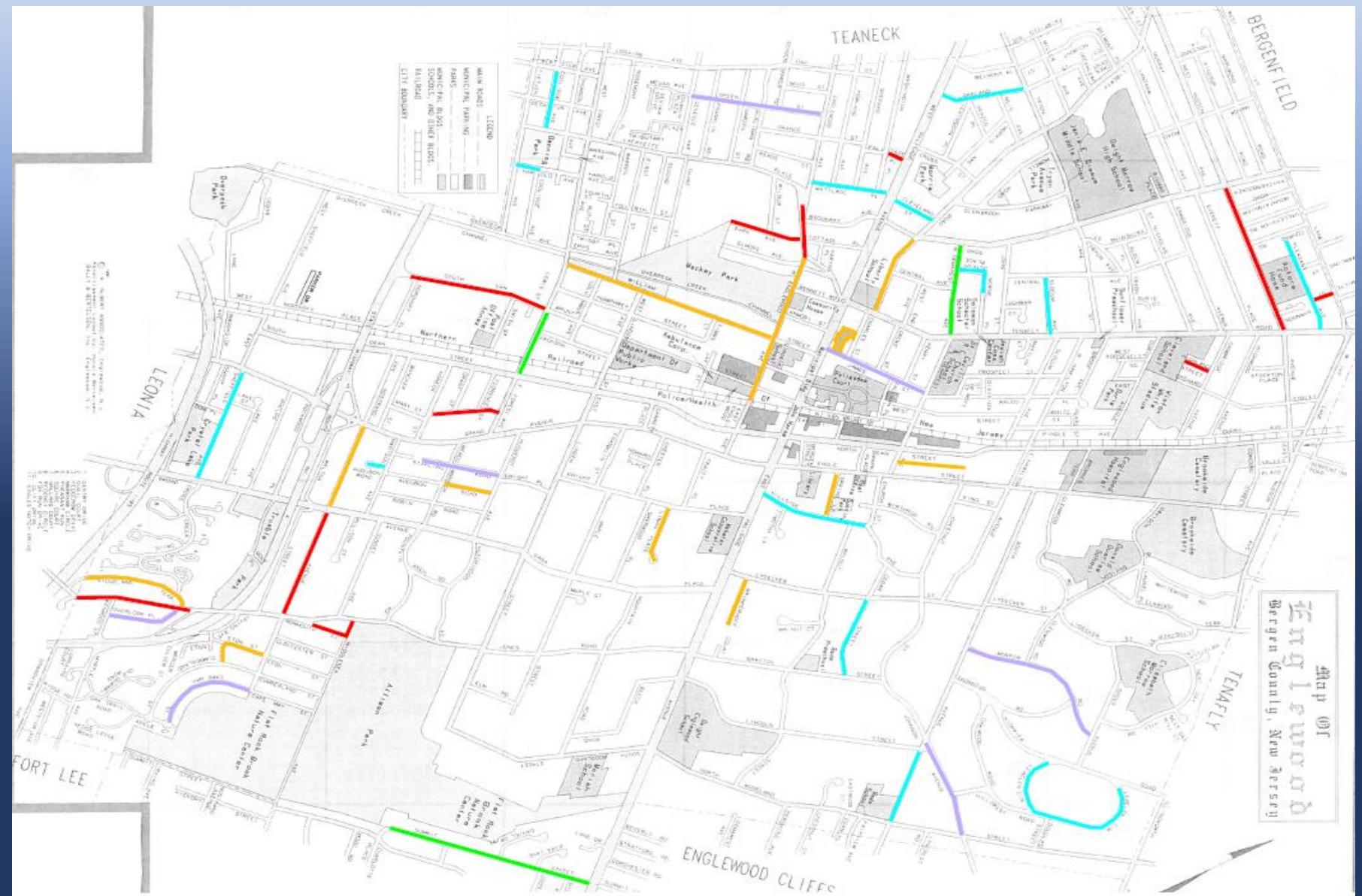
2022 Total Budget: \$12,290,695.00



# CAPITAL BUDGET COST BREAKDOWN

Description	Base Line	Grant	IDA
<b>2022 INFRASTRUCTURE IMPROVEMENTS</b>			
a) Mill and Pave Roadways	1,109,700	0	11,100
b) Road Reconstruction	1,140,000	250,000	500,000
c) Sanitary Sewer and Storm Drainage System	500,000	0	3,600,000
d) Parks and Playgrounds	1,080,000	200,000	0
e) Document Retention	0	0	0
f) Facility Improvement Projects	1,051,000	0	0
g) Traffic Signals (upgrade & maintenance)	450,000	0	0
h) Dept. Vehicles and Equipment	1,776,900	0	740,000
<b>Capital Total Breakdowns</b>	7,107,600	450,000	4,851,100
Grant Budget:	450,000		
IDA Projects:	4,851,100		
Capital Base Line:	7,107,600		

## Roadway Totals



# PROJECT STATUS

## PROPOSED

Chestnut Street (roadway)  
Engle Street (wall)  
Englewood Avenue (roadway)  
Glenwood Road (culvert)  
Highland Avenue (roadway)  
Hudson Avenue (culvert)  
Hudson Avenue (roadway)  
Jones Road (roadway)  
Levinsohn Place (roadway)  
Mackay Courts (tennis)  
Mary Street (roadway)

Park Avenue (roadway)  
Van Brunt Street (roadway)  
Van Nostrand Avenue (roadway)  
Whitewood Road (drainage)

## DESIGN/ACTIVE

Demarest Avenue (roadway)  
Culvert evaluation & rehab (drainage)  
Englewood/Grand Signal  
Forest Avenue (roadway)  
Forest/Lafayette (drainage)  
Hudson/Knickerbocker Signal  
Mackay Courts (b-ball)  
Mackay Turf Field  
Overlook (drainage)  
Spring Lane (roadway)  
Thomson Avenue (roadway)  
William Street (roadway)

# SUMMARY

The City of Englewood owns and operates an inventory of infrastructure that totals about **1/2 billion dollars** and the City Council are the stewards of that infrastructure. Recognizing that every year there are going to be some financial challenges and fiscal constraints, it is imperative that the City still regularly invests in renewing the existing infrastructure. As always, outside financial sources and grants must be sought after to balance the City's needs with its financial constraints.

Given the ever changing weather patterns, flood control and a flood mitigation program should be emphasized. Everyone was impacted by tropical storm IDA and every indicator points to it being a reoccurring event. The goal should be to create a multi-pronged approach of clearing the storm system out annually (piping and catch basins), periodically dredging the main channels (Overpeck, Metzlers and Flat Rock), and maintaining the ponds (Millers and Crystal Lake).

Unfortunately, due to the regulatory guidelines set by the EPA and NJDEP, the City cannot build up the existing channel walls and totally prevent flooding. However, much can be done to maintain the systems that we have in optimal working condition.

# THANK YOU !

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