



**GLOUCESTER
COUNTY**

NJ



Resurfacing and Safety Improvements to Kings Highway(CR 605/551) in the Borough of Swedesboro

June 2024





AGENDA

- ▶ Project Overview
- ▶ Project Limits
- ▶ Project Funding
- ▶ Project Plans
- ▶ Project Schedule

PROJECT OVERVIEW

KINGS HIGHWAY

Serves both commercial and residential properties



Pedestrian friendly area

Asphalt surface
Concrete Base

12' travel lanes & variable shoulders

40 feet wide

PROJECT OVERVIEW **Cont'd**

▶ **New Asphalt Surface Course**

- Improve ride quality through a smooth riding surface and the elimination of pavement settlement areas.

▶ **Curb replacement where missing or deteriorated**

- Eliminate problem areas to maintain water flow along the gutter line.

▶ **Replacement of inlet grates, curb pieces, and select inlets and pipe**

- Upgrade existing drainage structures to meet stormwater pollution prevention and bicycle safety requirements.

PROJECT OVERVIEW **Cont'd**

▶ **ADA Improvements**

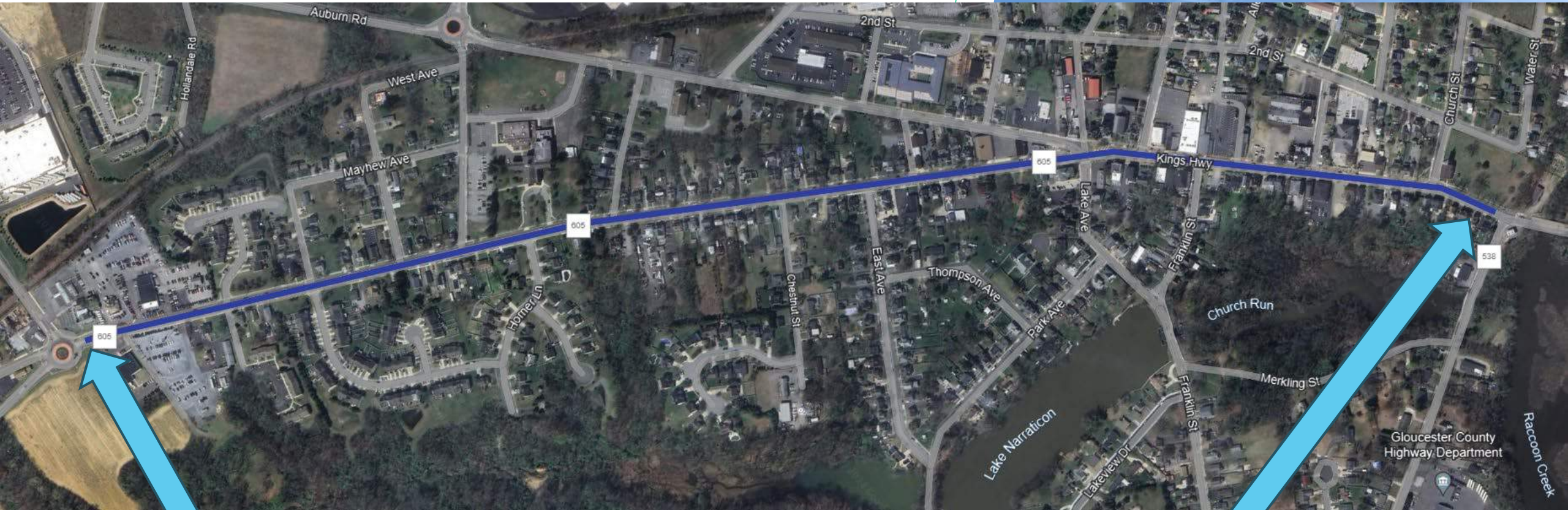
- Upgrade safe crossing locations for compliance with the requirements of The Americans with Disabilities Act.

▶ **Roadway Striping, Pavement Markings, Stop Signs and RPMs**

- Improve pedestrian and vehicle safety with the installation of upgraded signage and striping, including crosswalks and raised pavement markers.

PROJECT LIMITS

**Project length:
1.22 miles**



From roundabout with
Woodstown Rd and
Center Square Rd (CR 620)

To intersection with
Glen Echo Ave (CR 538)

PROJECT FUNDING

- ▶ Federal aid through a grant from



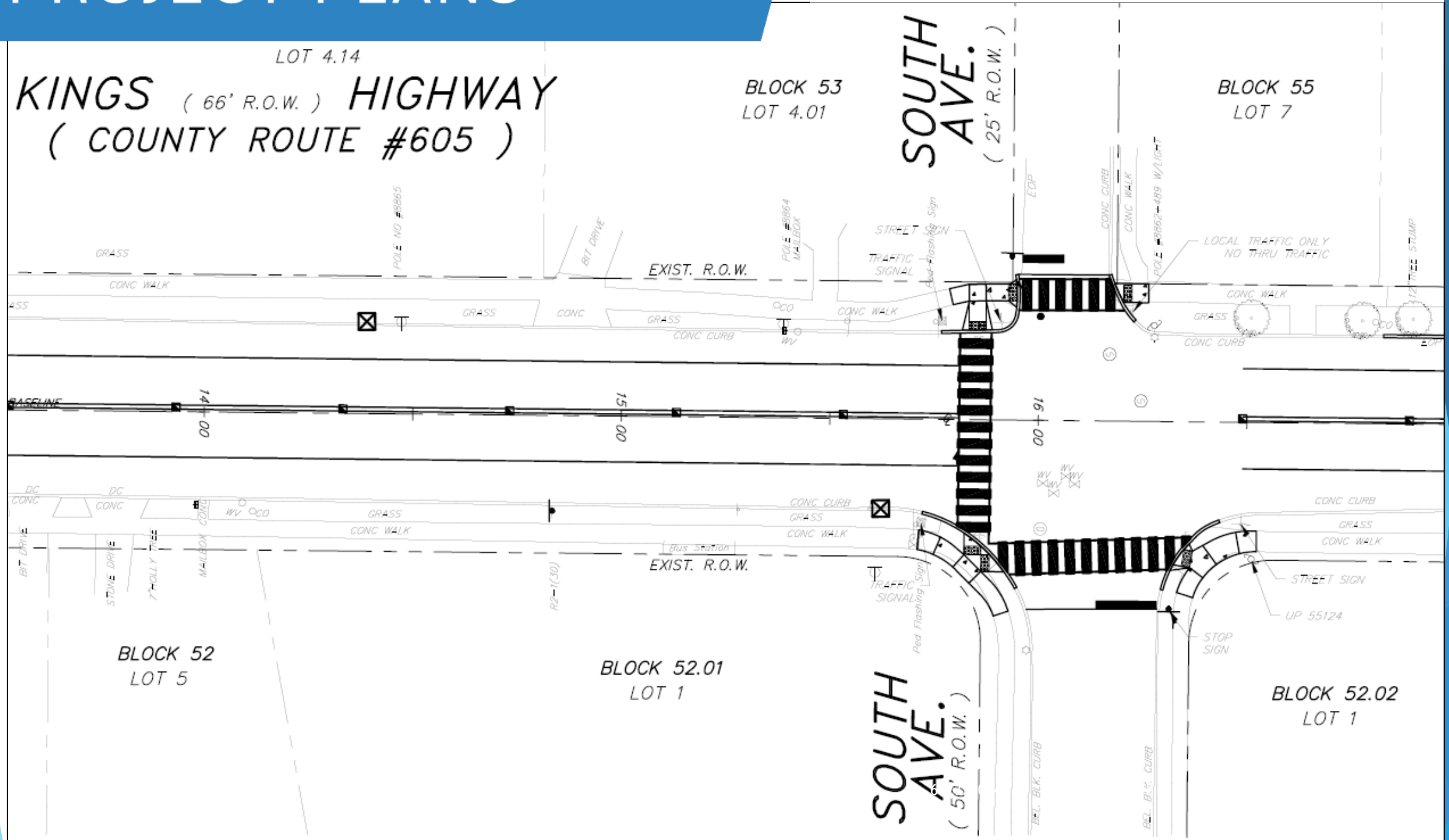
Transportation
Improvement Program
(TIP)

PROJECT FUNDING REQUIREMENTS

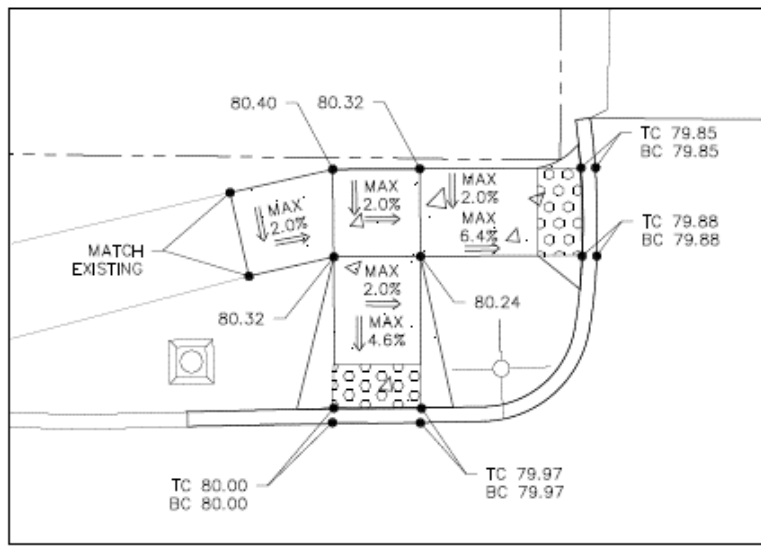
- ▶ Multimodal Safety Improvements
- ▶ ADA Compliance in the Public Right-of-Way
- ▶ Post Performance Measurements

PROJECT PLANS

Sample Striping and ADA Curb Ramp Replacement



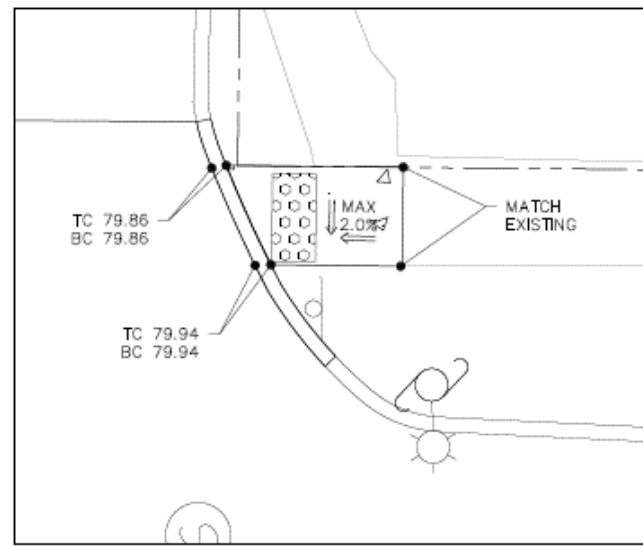
Sample ADA Curb Ramp Design



CURB RAMPS 'I' & 'J'

SCALE: 1" = 5'

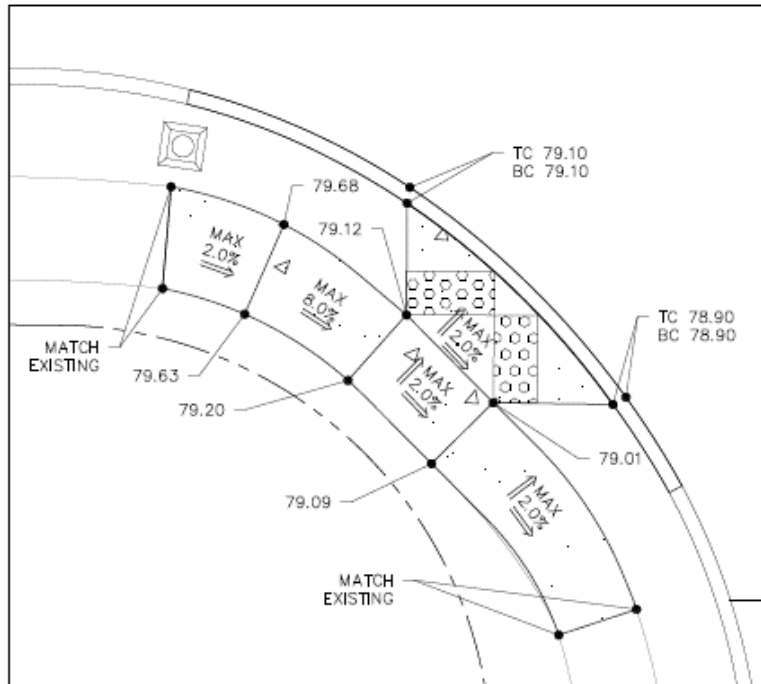
KINGS HIGHWAY



CURB RAMP 'K'

SCALE: 1" = 5'

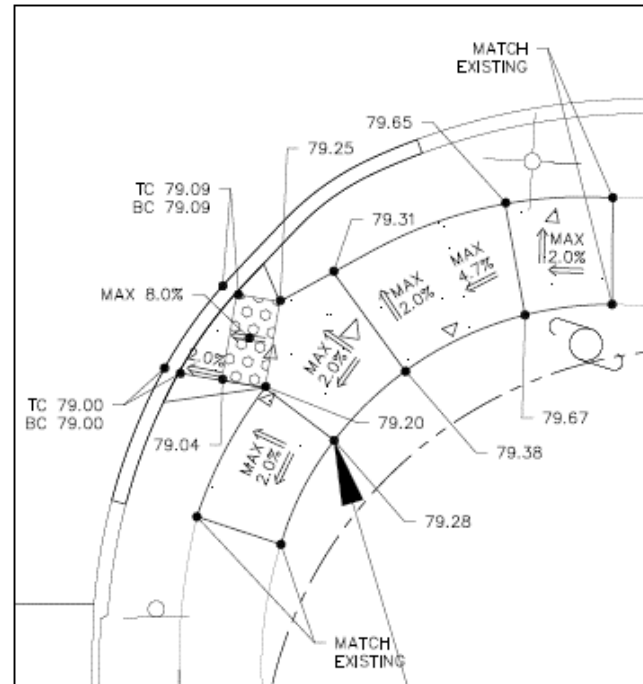
SOUTH AVENUE



CURB RAMP 'L'

SCALE: 1" = 5'

SOUTH AVENUE

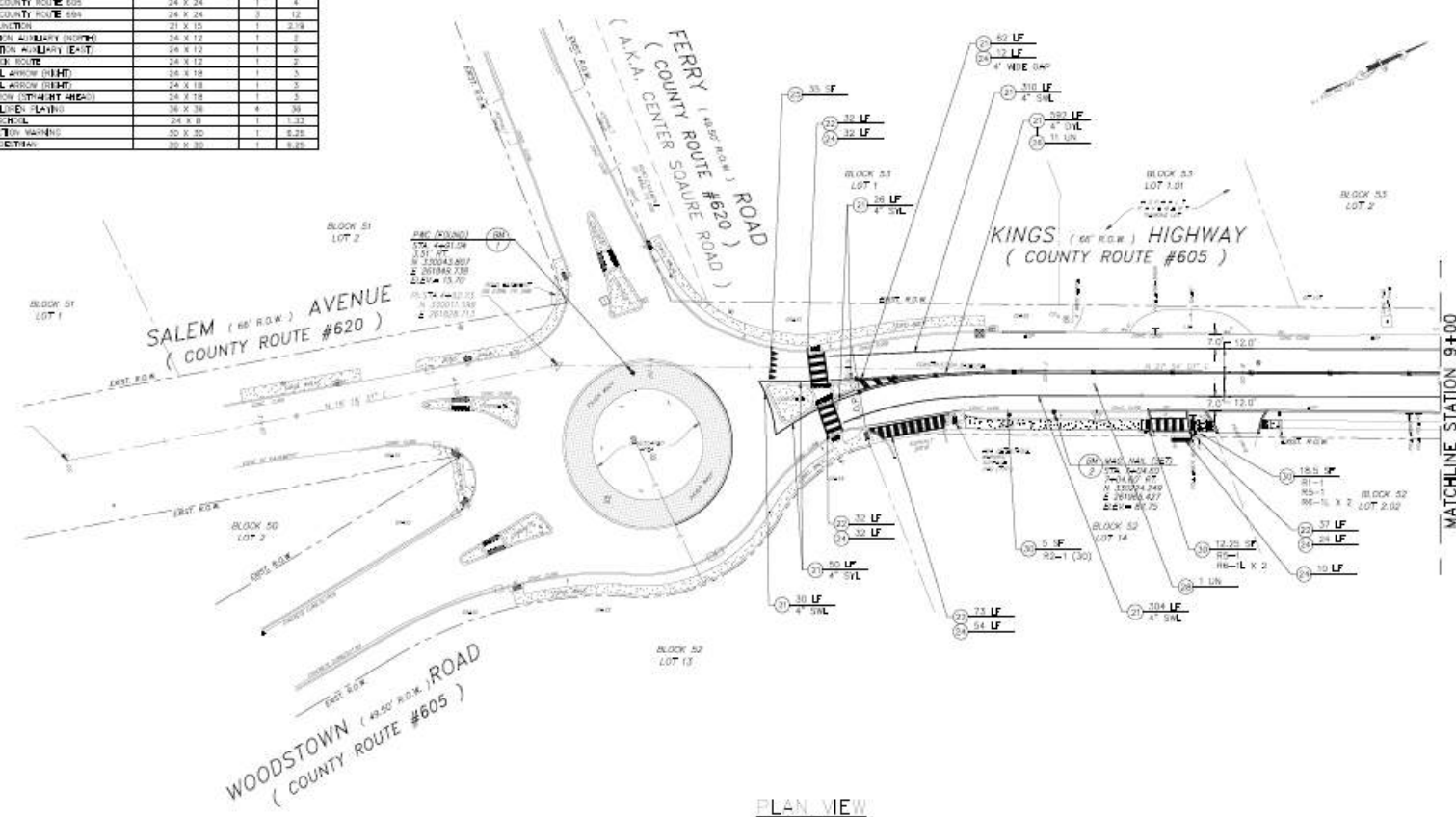


CURB RAMP 'M'

SCALE: 1" = 5'

Striping Plan 1 of 5

SIGN TABLE				
SIGN TYPE	DESCRIPTION	SIZE (IN. X IN.)	QTY	S.F.
RS-1	STOP SIGN	30 X 30	15	83.75
RS-1 (25)	STOP UNIT (25)	24 X 30	4	20
RS-1 (30)	STOP UNIT (30)	24 X 30	5	25
RS-1 (35)	STOP UNIT (35)	24 X 30	1	5
RS-1	MOVEMENT RESTRICTION	24 X 24	2	12
RS-1	NO RIGHT TURN	30 X 30	1	8.25
RS-1	ONE WAY LEFT	30 X 12	4	12
RS-1	STOP HERE ON RED	24 X 30	1	5
RS-1	NO TURN ON RED	24 X 30	1	5
M-10	GLoucester COUNTY ROUTE 538	24 X 24	1	4
M-10	GLoucester COUNTY ROUTE 551	24 X 24	4	16
M-10	GLoucester COUNTY ROUTE 605	24 X 24	1	4
M-10	GLoucester COUNTY ROUTE 685	24 X 24	3	12
M2-1	SECTION	21 X 15	1	2.78
M2-1	CAPITAL LETTER ALPHABET (UPPER)	24 X 12	1	2
M2-1	CAPITAL LETTER ALPHABET (LOWER)	24 X 12	1	2
M2-1	TRUCK ROUTE	24 X 12	1	2
M2-1	DIAGONAL ARROW (SIDE)	24 X 18	1	3
M2-1	DIAGONAL ARROW (HEAD)	24 X 18	1	3
M2-1	DIAGONAL ARROW (TREATMENT HEAD)	24 X 18	1	3
S-1 (F)	LOW CHILDREN PLAYING	36 X 36	4	36
S-2	SCHOOL	24 X 8	1	1.33
W-10	INTERSECTION WARNING	30 X 30	1	8.25
W1-2	SECTION	30 X 30	1	8.25



PLAN VIEW
SCALE 1"=40'

LEGEND
 RL - 1" WHITE LINE
 LL - 1" YELLOW LINE
 RL - 1" RED LINE
 LL - 1" BLUE LINE
 NOTE:
 1 - ALL LETTERS SHALL BE TYPE II ACCORDING TO CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 2 - ALL LETTERS SHALL BE 2" HIGH (LOW) SHALL BE WHITE.
 3 - ALL CROSSINGS SHALL BE WHITE CONTAINING 1" SPL AND 2" SPL WITH A 2" WIDE GAP.

TO BE CONSTRUCTED				
ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
21	TRAFFIC STRIPES, 2"	LF	1374	
22	TRAFFIC STRIPES, 3"	LF	178	
24	TRAFFIC STRIPES, 34"	LF	197	
23	TRAFFIC MARKING SYMBOLS	SF	36	
26	RPM IS DIRECTIONAL ARROW LEADS	LN	11	
28	RPM IS DIRECTIONAL BLUE LEADS	LN	3	
30	REGULATORY AND WARNING SIGNS	SF	35.75	



REMINGTON & VERNICK ENGINEERS
 252 KINGS HIGHWAY EAST
 HADDONFIELD, NJ 08033
 (856) 754-9555 FAX (856) 754-1882
 WEB SITE ADDRESS: WWW.RV.COM
 Certificate of Registration No. 24 0A 2008088
 -MEMBERING SOCIETY-

DATE: _____
FRANK J. SENEY JR.
 NJ PROFESSIONAL ENGINEER, No. 3521

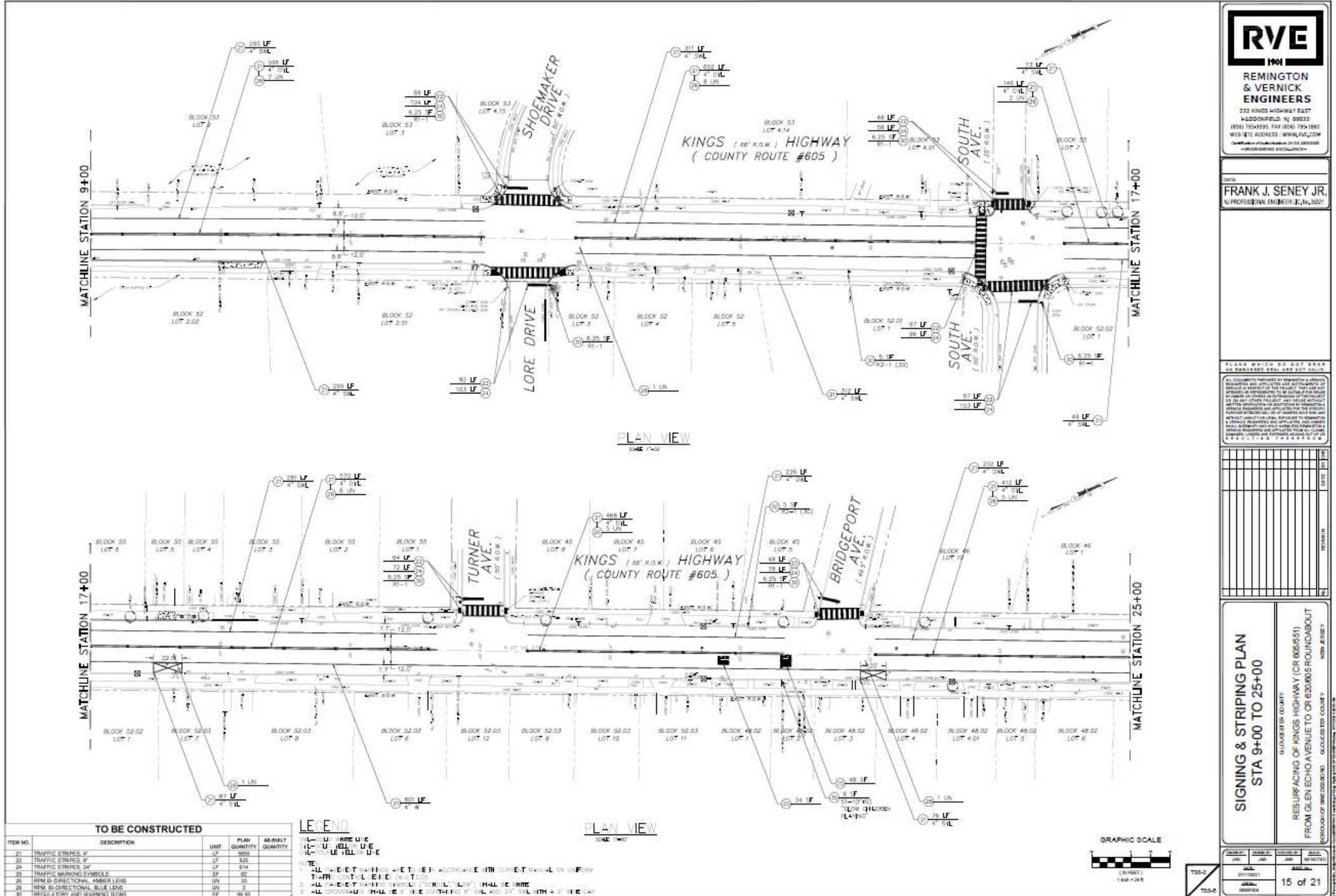
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NO.	DATE	BY	CHKD.

SIGNING & STRIPING PLAN
 STA 6+03.72 TO 9+00
 GLoucester COUNTY
 RESURFACING OF KINGS HIGHWAY (CR 605/551)
 FROM GLENCHO AVENUE TO CR 620/685 ROUNDABOUT
 TOWNSHIP OF MEDFORD - GLoucester COUNTY
 NEW JERSEY

NO.	DATE	BY	CHKD.

Striping Plan 2 of 5



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 Certificate of Public Accountancy No. 24 04 288888
 -MEMBERING SOCIETY-

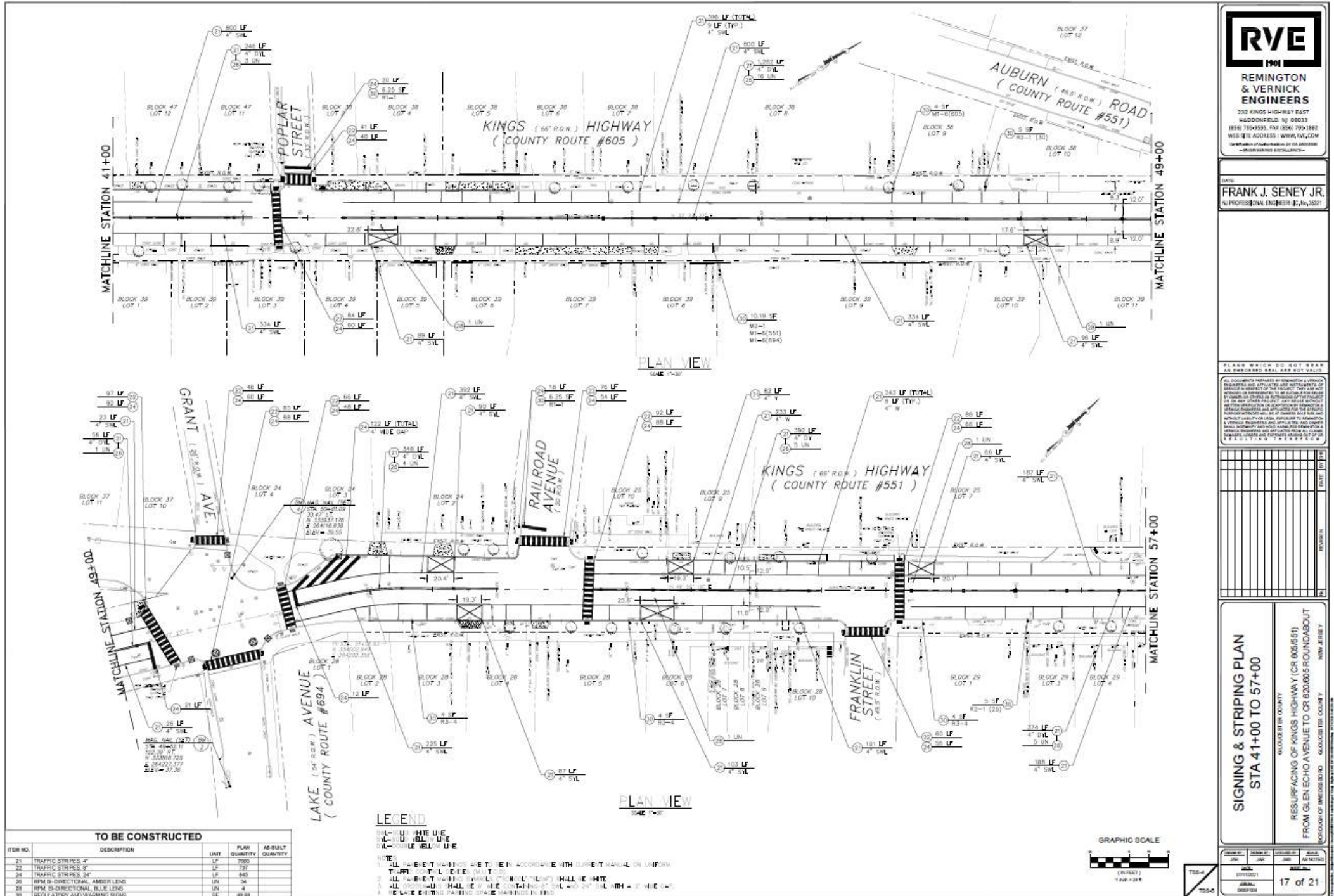
DATE:
FRANK J. SENEY JR.
 A PROFESSIONAL ENGINEER, No. 35221

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SIGNING & STRIPING PLAN
 STA 9+00 TO 25+00
 GLoucester COUNTY
 RESURFACING OF KINGS HIGHWAY (CR 605/551)
 FROM GLEN ECHO AVENUE TO CR 620/605 ROUNDABOUT
 GLoucester COUNTY
 NEW JERSEY

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Striping Plan 4 of 5



RVE
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 332 KINGS HIGHWAY EAST
 KIDDONFIELD, NJ 08033
 (609) 354-9355 FAX (609) 354-1882
 WWW.RVE.COM
 CERTIFICATE OF PROFESSIONAL ENGINEERING NO. 35221

DATE: 05/20/24
 FRANK J. SENEY JR.
 PROFESSIONAL ENGINEER, No. 35221

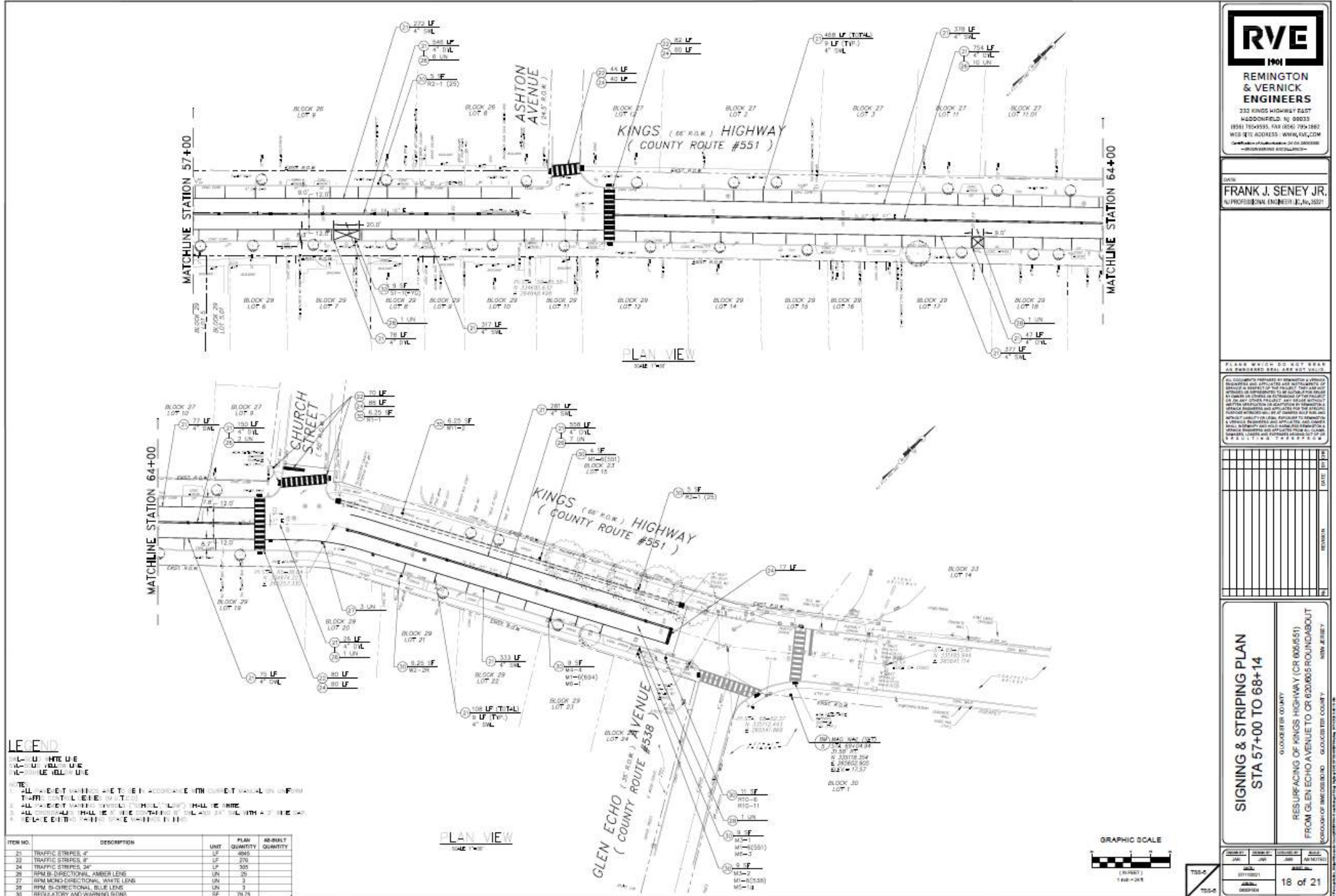
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SIGNING & STRIPING PLAN
 STA 41+00 TO 57+00
 GLoucester COUNTY
 RESURFACING OF KINGS HIGHWAY (CR 605/551)
 FROM GLEN ECHO AVENUE TO CR 620/65 ROUNDABOUT
 TOWNSHIP OF MIDDLETOWN, GLoucester COUNTY, NEW JERSEY

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17 of 21



RVE
1901
REMINGTON & VERNICK ENGINEERS
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WOODBRIDGE, NJ 08839
856.754.9555 FAX 856.754.1882
WEB SITE ADDRESS: WWW.RVE.COM
Certificate of Registration No. 24 04 2008088
—REGISTERED PROFESSIONAL ENGINEERS—

DATE
FRANK J. SENEY JR.
A PROFESSIONAL ENGINEER, No. 35321

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SIGNING & STRIPING PLAN
STA 57+00 TO 68+14
GLoucester COUNTY
RESURFACING OF KINGS HIGHWAY (CR 605/551)
FROM GLEN ECHO AVENUE TO CR 620/605 ROUNDABOUT
MUNICIPALITY OF MEDFORD - GLOUCESTER COUNTY
NEW JERSEY

NO.	DATE	BY	REVISION
1	07/10/24	FRS	ISSUED FOR BIDDING
2	08/01/24	FRS	ISSUED FOR BIDDING

18 of 21

Estimated PROJECT SCHEDULE

Submission for
Final Funding
Approval:
July 2024

Advertisement and
award of bid is
dependent upon final
Federal Funding
authorization

Projected Construction Start
following receipt of funding
authorization:
On or about late Fall 2024



QUESTIONS?

Questions can be submitted to:

frank.seney@RVE.com

until July 20, 2024

