

Project Description Form 2021

Date: 3/10/2021

Municipality: Borough of Lindenwold
Project: Reconstruction of Linden Town (Phase 2)
Address: Elm Avenue, Holland Street, Myrtle Court & Myrtle Avenue
Block & census tract: Block 46, 47, 48, 49 & 50 (Various Lots)
Project start: Currently in Design for Construction Summer 2021
& end dates Completion for Fall 2021

Describe project in detail: Please see attached project description
on the following page.

Is the CDBG

funded project

part of a larger

municipal project? ☒ Yes or No

National Objective: Distressed / Low Income
Community Improvement and Safety

CDBG Funding Request: \$ \$461,004

Other funding sources: \$ \$402,771 (FY2021 NJDOT Municipal Aid)

Total cost of project: \$ \$863,775

Mayor's signature: _____

Engineer assigned: Anthony Chadwell, PE

The Borough of Lindenwold is requesting funding for the reconstruction of Linden Town from the matchline of Phase 1 (2019 NJDOT State Aid Project – construction completed last year) on Elm Avenue up to and including the rest of Elm Avenue, Holland Street, Myrtle Court, and Myrtle Avenue. Linden Town is a distressed, low income Housing Development with approximately 0.5 miles of roads and cul-de-sacs exhibiting significant deterioration and poor drainage.

Elm Avenue and Myrtle Avenue carry local traffic and traffic travelling from South Carlton Street to adjoining neighborhoods. These streets directly serve multiple residential communities that live along Holland Street, Elm Avenue, Elm Court, Myrtle Court, and Myrtle Avenue.

Due to the significant size of the apartment complex, we are requesting funding for the rest of the development as part of Phase 2.

Holland Street, Elm Avenue, Myrtle Court, and Myrtle Avenue are hot mix asphalt roadway with the overall condition of the roadway surface being poor. The roadways exhibit wide transverse and longitudinal cracking with some pattern cracking with significant water intrusion and areas of ponding that will continue to deteriorate the roadway. All roadways have poor drainage throughout much of the length due to improper slope. This causes water to collect and lay in puddles, which when coupled with the wide cracks, is accelerating the roadway deterioration and causing potholes. The Borough has tried to patch the significant amount of potholes with asphalt, however this is only a short term fix and exacerbates the drainage issues.

The proposed work consists of full depth pavement reconstruction. Reconstruction will consist of the installation of a 4" thick Dense Graded Aggregate Base Course, a 3" thick Hot Mix Asphalt Base Course and a 2" thick Hot Mix Asphalt Surface Course. There are no sidewalks along the project length, therefore no curb ramps meeting ADA requirements will be needed. The entire development is curbed and the curb appears to be in satisfactory condition.

Some of the parking "bays" are outside of the Borough Right-of-way. Similar to Phase 1, the Borough will go through every effort to contact the residents/homeowners for right of access permission.

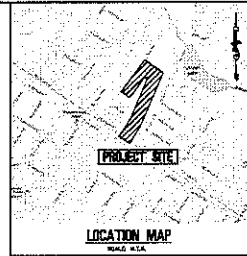
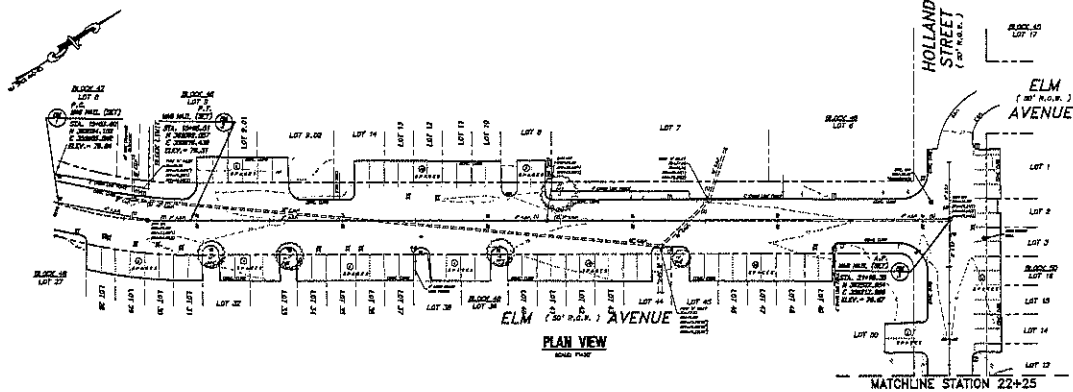
The proposed improvements will improve both drainage and safety issues along the roadway. The reconstruction will alleviate cracking and pothole problems and the elimination of the standing water will increase skid resistance and reduce the possibility of hydroplaning, which will increase safety.

The project design should be completed and out to bid early Summer 2021 for construction late Summer for completion by the Fall of 2021.

R	REMINGTON & VERNICK ENGINEERS
V	PROJECT COST ESTIMATE

PROJECT NAME: RECONSTRUCTION OF LINDEN TOWN - PHASE 2
 FROM PHASE 1 MATCHLINE TO SOUTH CARLTON STREET (ELM AVE, HOLLAND AVE, MYRTLE AVE & MYRTLE COURT)
 CLIENT: BOROUGH OF LINDENWOLD

#	DESCRIPTION	UNITS	ESTIMATED QUANTITY	EST. UNIT PRICE	AMOUNT
1	CLEARING SITE	LS	1	\$10,000.00	\$10,000.00
2	FUEL PRICE ADJUSTMENT	LS	1	\$4,000.00	\$4,000.00
3	ASPHALT PRICE ADJUSTMENT	LS	1	\$4,000.00	\$4,000.00
4	DRUMS	UNIT	35	\$50.00	\$1,750.00
5	BREAKAWAY BARRICADES	UNIT	5	\$100.00	\$500.00
6	CONSTRUCTION SIGNS	SF	50	\$30.00	\$1,500.00
7	EXCAVATION, UNCLASSIFIED	CY	4400	\$25.00	\$110,000.00
8	DENSE GRADED AGGREGATE BASE COURSE, 4" THICK	SY	13000	\$11.00	\$143,000.00
9	HOT MIX ASPHALT 19M64 BASE COURSE, 3" THICK	TON	2340	\$100.00	\$234,000.00
10	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	1560	\$100.00	\$156,000.00
11	TACK COAT	GAL	1950	\$1.50	\$2,925.00
12	RESET EXISTING CASTINGS	UN	8	\$300.00	\$2,400.00
13	RESET VALVE/VALVE BOXES	UN	40	\$50.00	\$2,000.00
14	9" X 18" CONCRETE VERTICAL CURB	LF	400	\$25.00	\$10,000.00
15	CURB PIECE	UN	10	\$300.00	\$3,000.00
16	BICYCLE SAFE GRATE	UN	10	\$300.00	\$3,000.00
18	TOPSOILING, 4" THICK	SY	400	\$5.00	\$2,000.00
19	FERTILIZING & SEEDING, TYPE A-3	SY	400	\$2.50	\$1,000.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$691,075.00
DESIGN ENGINEERING					\$69,100.00
CONSTRUCTION INSPECTION AND MATERIAL TESTING :					\$103,600.00
TOTAL ESTIMATED PROJECT COST					\$863,775.00



RVE
REMINGTON & VERNICK
ENGINEERS
232 NILES HIGHWAY EAST
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(609) 779-9951, FAX (609) 779-9952
WEB SITE ADDRESS: WWW.RVE-ENR.COM
A Division of the Remington Group, Inc. of Connecticut
— CIVIL ENGINEERING —

CHARLES E. ADAMSON
NJ PROFESSIONAL LAND SURVEYOR No. 002

NO.	DATE	DESCRIPTION
1	10/1/18	AS BUILT
2	10/1/18	AS BUILT
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25	10/1/18	AS BUILT

**EXISTING TOPOGRAPHIC CONDITIONS
PLAN AND PROFILE**

REVISIONS OF JOURNAL
ELM AVENUE
ROADWAY IMPROVEMENTS
HADDONFIELD, NJ
JANUARY 2019

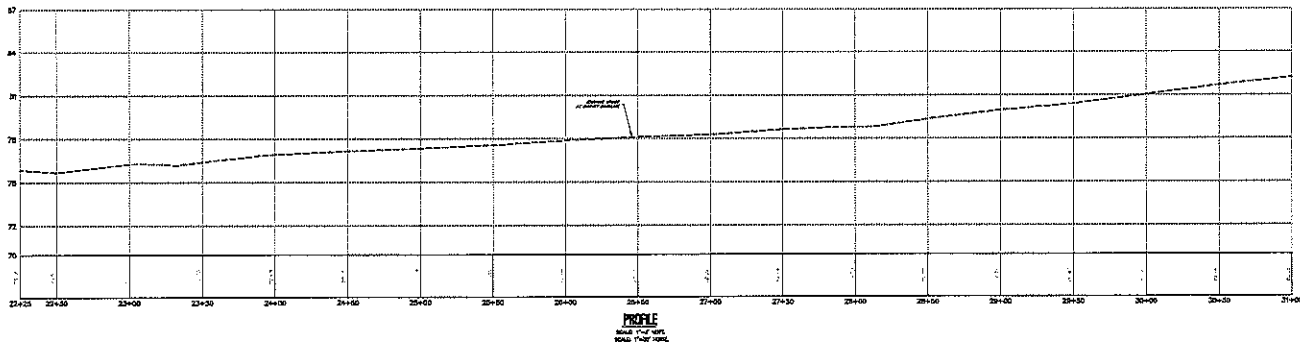
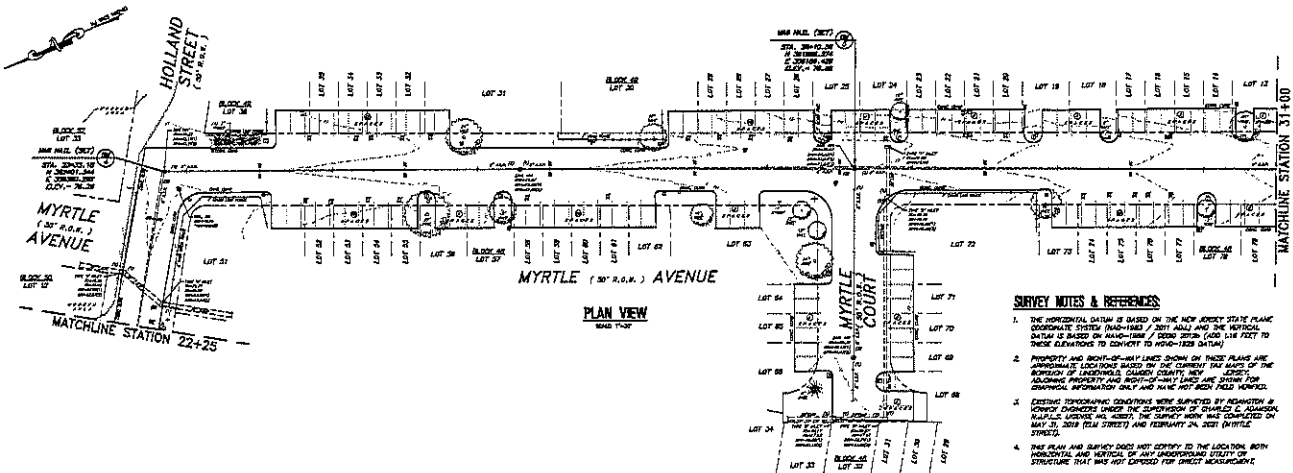
1 OF 3

- SURVEY NOTES & REFERENCES**
1. THE HORIZONTAL DATUM IS BASED ON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD-83) / 2011 ADJ. AND THE VERTICAL DATUM IS BASED ON NAVD-83 / 2011 ADJ. AND 1.16 FEET TO THESE ELEVATIONS TO CONVERT TO MEAN-SEA-LEVEL DATUM.
 2. PROPERTY AND ADJUTANT-OWNED LOTS SHOWN ON THESE PLANS ARE APPROXIMATE LOCATIONS BASED ON THE CURRENT DAY MAPS OF THE BUREAU OF LANDS AND SURVEY, COUNTY, NEW JERSEY. ADDRESS, PROPERTY AND ADJUTANT-OWNED LOTS ARE SHOWN FOR GENERAL INFORMATION ONLY AND DO NOT HAVE BEEN MEASURED.
 3. EXISTING TOPOGRAPHIC CONDITIONS WERE SURVEYED BY REMINGTON & VERNICK ENGINEERS UNDER THE SUPERVISION OF CHARLES E. ADAMSON, NJ PLS LICENSE NO. 002. THE SURVEY WORK WAS COMPLETED ON MAY 31, 2018 (ELM STREET) AND FEBRUARY 24, 2019 (HOLLAND STREET).
 4. THIS PLAN AND SURVEY DOES NOT COPY TO THE LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ANY UNDERGROUND UTILITY OR STRUCTURE THAT WAS NOT EXPOSED FOR DIRECT MEASUREMENT.

CALL BEFORE YOU DIG
1-800-272-1088
31% TIME LANE
NO JERSEY SIDE DIAL DigSafety.

CONTRIBUTOR TO CALL 411 LANE TO AVOID PITS TO
CONSTRUCTION OF OVERPASS WORK.





CALL BEFORE YOU DIG
1-800-273-1060
10' TIE LAMP
Dig Safely.
DISPENSER TO CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION WORK.





REMINGTON & VERNICK ENGINEERS

222 BRICK HIGHWAY EAST
HADDONFIELD, NJ 08033
(609) 765-0000 FAX (609) 765-1822
WWW.RVE-ENGINEERS.COM

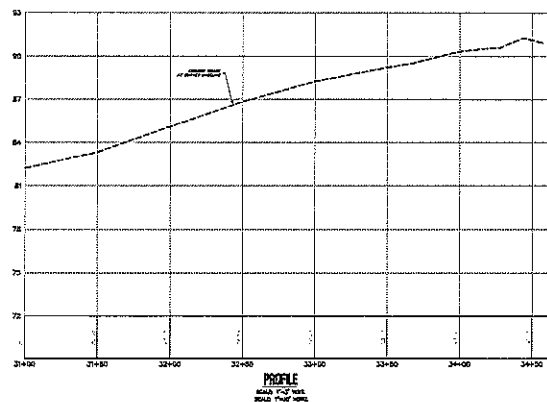
FILE: **CHARLES E. ADAMSON**
REGISTERED PROFESSIONAL ENGINEER
IN PROFESSIONAL LAND SURVEYING (S.E. No. 002)

EXISTING TOPOGRAPHIC CONDITIONS
PLAN AND PROFILE
SUBJECT OF AGREEMENT:
MYRTLE AVENUE
ROADWAY IMPROVEMENTS
TOWNSHIP OF CLARENCE CLARENCE COUNTY NEW JERSEY

DATE	BY	REVISION
05/11/2018	CEA	1
02/24/2021	CEA	2

2 of 3

05/11/2018



1. THE HORIZONTAL DATUM IS BASED ON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM 83-10-11. THE VERTICAL DATUM IS BASED ON MEAN-10-1980 / DEEDS DATUM (ADD 1.14 FEET TO THESE ELEVATIONS TO CONVERT TO 1980-1989 DATUM).
2. PROPERTY AND RIGHT-OF-WAY LINES SHOWN ON THESE PLANS ARE APPROXIMATE LOCATIONS BASED ON THE CURRENT TAX MAPS OF THE TOWNSHIP OF LINDENHOLM, CAMDEN COUNTY, NEW JERSEY. THESE LINES AND PROPERTY ARE SHOWN FOR INFORMATION ONLY AND HAVE NOT BEEN FIELD VERIFIED.
3. EXISTING TOPOGRAPHIC CONDITIONS WERE SURVEYED BY REDMOND & WISNOR ENGINEERS UNDER THE SUPERVISION OF CHARLES E. ADAMS, JR., LICENSE NO. 40627. THE SURVEY WORK WAS COMPLETED ON 04-11-2019 (ELEM STREET) AND FEBRUARY 24, 2021 (WYRTLE STREET).



CONTRACTOR TO CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF DEMOLITION WORK.

	
REMINGTON & VERNICK ENGINEERS 222 SPRING HOLLOW EAST HADDONFIELD, NJ 08033 (609) 794-1515 FAX (609) 794-1522 WEB SITE ADDRESS: WWW.RVE-INC.COM COMPANY OF REMINGTON & VERNICK HOLDING CORPORATION 10000 WILSON ROAD HADDONFIELD, NJ 08033	
04-18 CHARLES E. ADAMSON SUPERVISOR OF CONSTRUCTION	
	
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