

CITY COUNCIL

The City of Orange Township, New Jersey

DATE July 5, 2023

NUMBER 272-2023

TITLE: A RESOLUTION AUTHORIZING APPROVAL TO SUBMIT A GRANT APPLICATION AND EXECUTE A GRANT AGREEMENT WITH THE NEW JERSEY DEPARTMENT OF TRANSPORTATION FOR THE REPAVEMENT OF SOUTH CENTER STREET, VALLEY STREET, AND PARROW STREET

WHEREAS, the City of Orange Township seeks to maintain transportation infrastructure in a quality state of repair;

WHEREAS, the Township has identified three priority municipal roads that are in need of reconstruction and repaving: South Center Street, Valley Street, and Parrow Street;

WHEREAS, the New Jersey Department of Transportation has Fiscal Year 2024 Municipal Aid Program funding available to support the improvement of the three priority road segments.

NOW, THEREFORE, BE IT RESOLVED that the Council of the City of Orange Township, formally approves the grant application for the above state project.

BE IT FURTHER RESOLVED that the Mayor of the City of Orange Township and Municipal Clerk are hereby authorized to submit an electronic grant application identified as *MA-2024-Orange City Township-00419* to the New Jersey Department of Transportation on behalf of the City of Orange Township.

BE IT FURTHER RESOLVED that the Mayor of the City of Orange Township and Municipal Clerk are hereby authorized to sign the grant agreement on behalf of the City of Orange Township and that their signature constitutes acceptance of the terms and conditions of the grant agreement and approves the execution of the grant agreement.

Adopted: July 5, 2023

Joyce L. Lanier
City Clerk

Council President

The Mayor's signature and the Clerk's seal serve to acknowledge the above resolution and constitute acceptance of the terms and conditions of the grant agreement and approve the execution of the grant agreement as authorized by the resolution above.

ATTEST and AFFIX SEAL

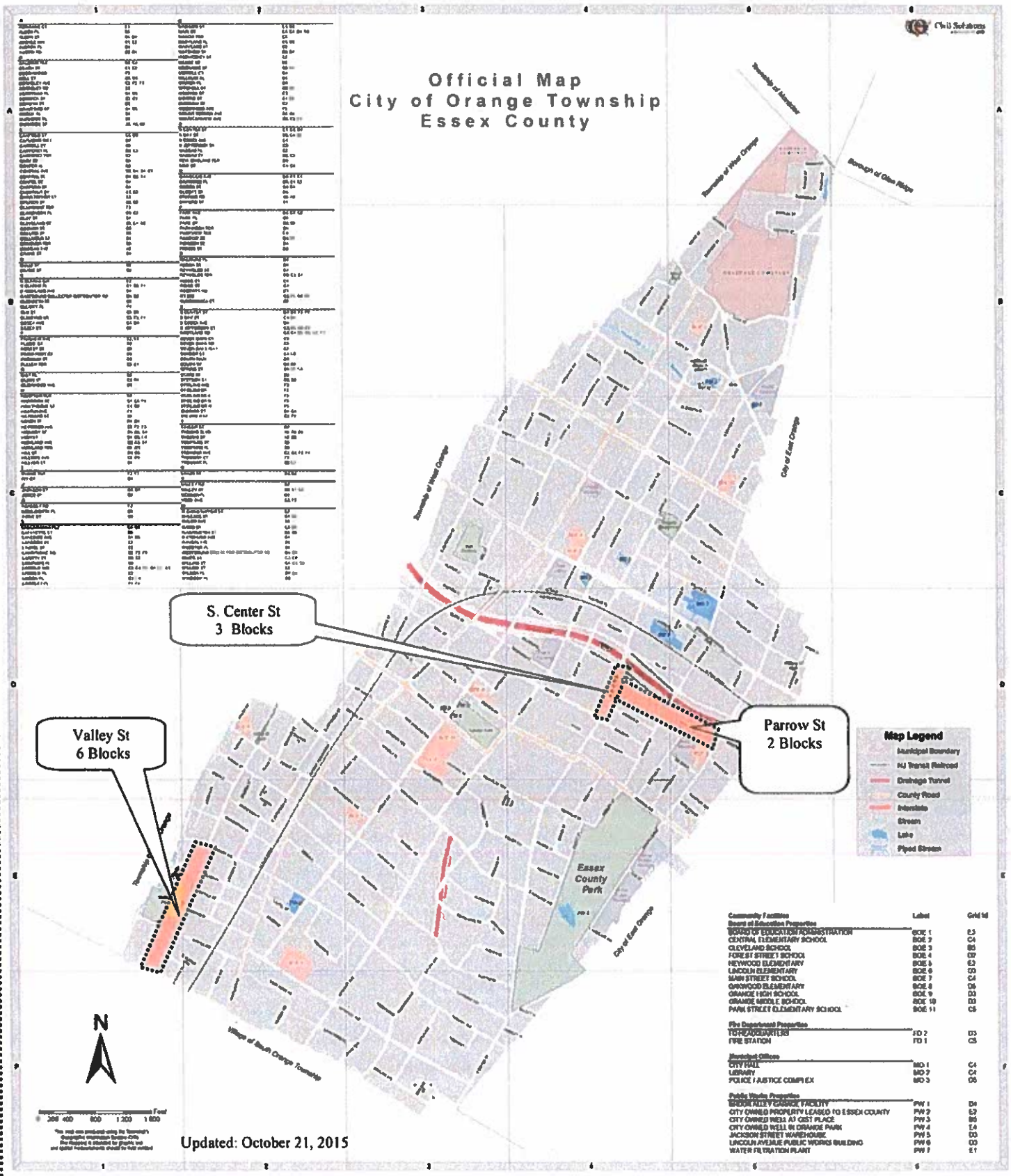
Joyce L. Lanier
City Clerk

Hon. Dwayne D. Warren, Esq.
Mayor


DWAYNE D. WARREN

Orange Roads: NJDOT 2024

Official Map City of Orange Township Essex County



Map Legend

- Municipal Boundary
- NJ Transit Railroad
- Drainage Travel
- County Road
- Interstate
- Stream
- Lake
- Flood Stream

Community Facilities	Label	Grid Id
Board of Education Properties		
BOARD OF EDUCATION ADMINISTRATION	BOE-1	C3
CENTRAL ELEMENTARY SCHOOL	BOE-2	C4
CLEVELAND SCHOOL	BOE-3	B8
FOREST STREET SCHOOL	BOE-4	D7
NEWWOOD ELEMENTARY	BOE-5	E3
LINCOLN ELEMENTARY	BOE-6	D9
MARY STREET SCHOOL	BOE-7	C4
ORANGEWOOD ELEMENTARY	BOE-8	D6
ORANGE HIGH SCHOOL	BOE-9	D9
ORANGE MIDDLE SCHOOL	BOE-10	D8
PARK STREET ELEMENTARY SCHOOL	BOE-11	C8
Fire Department Properties		
TOWNSHIP HEADQUARTERS	FD-2	D3
FIRE STATION	FD-1	C8
Municipal Offices		
CITY HALL	MO-1	C4
LIBRARY	MO-2	C4
POLICE / JUSTICE COMPLEX	MO-3	D6
Public Works Properties		
BROOKVALE GARAGE FACILITY	PW-1	D6
CITY OWNED PROPERTY LEASED TO ESSEX COUNTY	PW-2	E2
CITY OWNED WELLS AT COST PLACE	PW-3	B8
CITY OWNED WELL IN ORANGE PARK	PW-4	T4
JACKSON STREET WAREHOUSE	PW-5	D8
LINCOLN AVENUE PUBLIC WORKS BUILDING	PW-6	D8
WATER FILTRATION PLANT	PW-7	E1

Updated: October 21, 2015

Updated



Engineer's Estimate - NJDOT Municipal Aid 2024


PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

PROJECT NAME: NJDOT 2024 ROAD PAVING CITY
PROJECT LOCATION: OF ORANGE TOWNSHIP
PROJECT NUMBER: COORT23003P

DATE: 6/16/2023
PREPARED BY: MB

ITEM NO	DESCRIPTION	ALL STREETS	UNIT	UNIT PRICE	PROJECT TOTAL
1	EXCAVATION, UNCLASSIFIED, IF & WHERE DIRECTED	90	CY	\$ 25.00	\$ 2,250.00
2	HMA MILLING, 3" OR LESS	9,131	SY	\$ 10.00	\$ 91,310.00
3	DENSE GRADED AGGREGATE BASE COURSE, 6" THICK, IF & WHERE DIRECTED	913	SY	\$ 6.00	\$ 5,478.60
4	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK, IF & WHERE DIRECTED	1,250	TON	\$ 100.00	\$ 125,900.00
5	HOT MIX ASPHALT 19M64 BASE COURSE; 4" THICK, IF & WHERE DIRECTED	201	TON	\$ 100.00	\$ 20,100.00
6	TACK COAT	1,460	GAL	\$ 1.00	\$ 1,460.00
7	HOT MIX ASPHALT 9.5M64 DRIVEWAY REPAIR STRIP, 4" THICK	320	SY	\$ 40.00	\$ 12,800.00
8	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	40	UNIT	\$ 25.00	\$ 1,000.00
9	RESET WATER VALVE BOX	24	UNIT	\$ 30.00	\$ 720.00
10	RESET GAS VALVE BOX	18	UNIT	\$ 30.00	\$ 540.00
11	RESET INLET CASTING	15	UNIT	\$ 700.00	\$ 10,500.00
12	RESET INLET CASTING, TYPE 'H' ECO CURB PIECE	19	UNIT	\$ 1,500.00	\$ 28,500.00
13	CONCRETE DRIVEWAY, 6" THICK REINFORCED	520	SY	\$ 80.00	\$ 41,600.00
14	REGULATORY AND WARNING SIGNS	33	UNIT	\$ 15.00	\$ 495.00
15	CONCRETE SIDEWALK, 4" THICK	260	SY	\$ 75.00	\$ 19,500.00
16	9"x18" CONCRETE VERTICAL CURB	4,975	LF	\$ 40.00	\$ 199,000.00
17	DETECTABLE WARNING SURFACE	40	UNIT	\$ 250.00	\$ 10,000.00
18	TRAFFIC STRIPES, LONG-LIFE THERMOPLASTIC, 4" YELLOW	60	LF	\$ 5.00	\$ 300.00
19	TRAFFIC STRIPES, LONG-LIFE THERMOPLASTIC, 6" WHITE	140	LF	\$ 9.00	\$ 1,260.00
20	TRAFFIC STRIPES, LONG-LIFE THERMOPLASTIC, 24" WHITE	604	LF	\$ 12.00	\$ 7,248.00
21	TREE & STUMP REMOVAL, 12"-24", IF AND WHERE DIRECTED	2	UNIT	\$ 1,500.00	\$ 3,000.00
22	TOPSOILING, 4" THICK, IF & WHERE DIRECTED	120	SY	\$ 5.00	\$ 600.00
23	FERTILIZING & SEEDING, TYPE A-3, IF & WHERE DIRECTED	120	SY	\$ 2.00	\$ 240.00
24	STRAW MULCHING, IF & WHERE DIRECTED	120	SY	\$ 2.00	\$ 240.00
25	BREAKAWAY BARRICADE, IF & WHERE DIRECTED	30	UNIT	\$ 1.50	\$ 45.00
26	DRUM, IF & WHERE DIRECTED	35	UNIT	\$ 1.50	\$ 52.50
27	TRAFFIC CONE, IF & WHERE DIRECTED	35	UNIT	\$ 1.50	\$ 52.50
28	CONSTRUCTION SIGNS, IF & WHERE DIRECTED	26	UNIT	\$ 1.50	\$ 39.00
29	TRAFFIC DIRECTOR, FLAGGER	240	HR	\$ 91.80	\$ 22,032.00
30	FUEL PRICE ADJUSTMENT	1	LS	\$ 300.00	\$ 300.00
31	ASPHALT PRICE ADJUSTMENT	1	LS	\$ 1,100.00	\$ 1,100.00

Total construction cost	\$ 607,662.60
Design Fee	\$ 54,689.63
Construction Fee	\$ 54,689.63
Total project cost	\$ 717,041.87


Stephen Hoyt
Professional Engineer
New Jersey License Number 24GE054015



South Center Street (between Freeway Drive East - Central Ave)

PENNONI ASSOCIATES INC. CONSULTING ENGINEERS

PROJECT NAME: NJDOT 2024 ROAD PAVING CITY
PROJECT LOCATION: OF ORANGE TOWNSHIP
PROJECT NUMBER: COORT23003P

DATE: 6/16/2023
PREPARED BY: HN

Table with 6 columns: ITEM NO, DESCRIPTION, QUANTITY, UNIT, UNIT PRICE, PROJECT TOTAL. Contains 29 line items and a summary table at the bottom right.

Signature of Stephen C. Hoyt, P.E.
Stephen C. Hoyt, P.E.
NJ Prof. Engineer Lic. # 24GE054015



Valley Street (between Tremont Ave - S.O Border)

PENNONI ASSOCIATES INC. CONSULTING ENGINEERS

PROJECT NAME: NIDOT Municipal Aid 2024
PROJECT LOCATION: ROAD PAVING CITY OF ORANGE
PROJECT NUMBER: TOWNSHIP COORT23003P

DATE: 6/16/2023
PREPARED BY: HN

Table with 6 columns: ITEM NO, DESCRIPTION, QUANTITY, UNIT, UNIT PRICE, PROJECT TOTAL. Contains 29 rows of project items such as EXCAVATION, HMA MILLING, ASPHALT COURSE, etc.

Summary table with 2 columns: Category (Construction Cost, Design Fee, Construction Fee, Total project cost) and Amount (\$).

Handwritten signature of Stephen C. Hoyt

Stephen C. Hoyt, P.E.
NJ Prof. Engineer Lic. # 24GE054015



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

Parrow Street (between S. Center St - Oakwood Avenue)

PROJECT NAME: NJDOT 2024 ROAD PAVING CITY
PROJECT LOCATION: OF ORANGE TOWNSHIP
PROJECT NUMBER: COORT23003P

DATE: 6/16/2023
PREPARED BY: HN

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	PROJECT TOTAL
1	EXCAVATION, UNCLASSIFIED, IF & WHERE DIRECTED	30	CY	\$ 25.00	\$ 750.00
2	HMA MILLING, 3" OR LESS	2,225	SY	\$ 10.00	\$ 22,250.00
3	DENSE GRADED AGGREGATE BASE COURSE, 6" THICK, IF & WHERE DIRECTED	223	SY	\$ 6.00	\$ 1,335.00
4	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK, IF & WHERE DIRECTED	245	TON	\$ 100.00	\$ 24,500.00
5	HOT MIX ASPHALT 19M64 BASE COURSE; 4" THICK, IF & WHERE DIRECTED	49	TON	\$ 100.00	\$ 4,900.00
6	TACK COAT	360	GAL	\$ 1.00	\$ 360.00
7	HOT MIX ASPHALT 9.5M64 DRIVEWAY REPAIR STRIP, 4" THICK	120	SY	\$ 40.00	\$ 4,800.00
8	RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING	13	UNIT	\$ 25.00	\$ 325.00
9	RESET WATER VALVE BOX	8	UNIT	\$ 30.00	\$ 240.00
10	RESET GAS VALVE BOX	6	UNIT	\$ 30.00	\$ 180.00
11	RESET INLET CASTING	5	UNIT	\$ 700.00	\$ 3,500.00
12	RESET INLET CASTING, TYPE 'N' ECO CURB PIECE	8	UNIT	\$ 1,500.00	\$ 12,000.00
13	CONCRETE DRIVEWAY, 6" THICK REINFORCED	280	SY	\$ 80.00	\$ 22,400.00
14	REGULATORY AND WARNING SIGNS	10	UNIT	\$ 15.00	\$ 150.00
15	CONCRETE SIDEWALK, 4" THICK	80	SY	\$ 75.00	\$ 6,000.00
16	9"X18" CONCRETE VERTICAL CURB	1,650	LF	\$ 40.00	\$ 66,000.00
17	DETECTABLE WARNING SURFACE	12	UNIT	\$ 250.00	\$ 3,000.00
18	TRAFFIC STRIPES, LONG-LIFE THERMOPLASTIC, 4" YELLOW	0	LF	\$ 5.00	\$ -
19	TRAFFIC STRIPES, LONG-LIFE THERMOPLASTIC, 6" WHITE	20	LF	\$ 9.00	\$ 180.00
20	TRAFFIC STRIPES, LONG-LIFE THERMOPLASTIC, 24" WHITE	84	LF	\$ 12.00	\$ 1,008.00
21	TREE & STUMP REMOVAL 12"-24", IF AND WHERE DIRECTED	2	UNIT	\$ 1,500.00	\$ 3,000.00
22	TOPSOILING, 4" THICK, IF & WHERE DIRECTED	50	SY	\$ 5.00	\$ 250.00
23	FERTILIZING & SEEDING, TYPE A-3, IF & WHERE DIRECTED	50	SY	\$ 2.00	\$ 100.00
24	STRAW MULCHING, IF & WHERE DIRECTED	50	SY	\$ 2.00	\$ 100.00
25	BREAKAWAY BARRICADE, IF & WHERE DIRECTED	10	UNIT	\$ 1.50	\$ 15.00
26	DRUM, IF & WHERE DIRECTED	10	UNIT	\$ 1.50	\$ 15.00
27	TRAFFIC CONE, IF & WHERE DIRECTED	10	UNIT	\$ 1.50	\$ 15.00
28	CONSTRUCTION SIGNS, IF & WHERE DIRECTED	8	UNIT	\$ 1.50	\$ 12.00
29	TRAFFIC DIRECTOR, FLAGGER	80	HR	\$ 91.80	\$ 7,344.00

Construction Cost	\$ 184,729.00
Design Fee	\$ 16,625.61
Construction Fee	\$ 16,625.61
Total project cost	\$ 217,980.22

Stephen C. Hoyt, P.E.
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