

**SOUTH ORANGE AVENUE WEST**  
(COUNTY ROUTE 510)  
(80' WIDE R.O.W.)

**START OF M&P**

**CONSTRUCT CURB RAMP, TYPE 5**  
16 SY CONCRETE SIDEWALK, 4" THICK  
1 SY DETECTABLE WARNING SURFACE  
8 LF 9"X18" CONCRETE VERTICAL CURB  
19 SY TOPSOIL SEEDING, 4" THICK  
19 SY FERTILIZING AND SEEDING, TYPE A  
19 SY STRAW MULCHING

**CONSTRUCT CURB**  
29 LF GRANITE BLOCK CURB

**CONSTRUCT CURB RAMP, TYPE 7**  
29 SY CONCRETE SIDEWALK, 4" THICK  
1 SY DETECTABLE WARNING SURFACE  
16 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT CURB**  
56 LF GRANITE BLOCK CURB

**MILL & RESURFACE EXISTING PAVEMENT**  
(START STA 00+31 TO STA 06+50)  
2,238 SY HMA MILLING, 3" OR LESS  
260 TONS HOT MIX ASPHALT, 9.5M64 SURFACE COURSE, 2" THICK

**CONSTRUCT CURB RAMP, TYPE 7**  
15 SY CONCRETE SIDEWALK, 4" THICK  
1 SY DETECTABLE WARNING SURFACE  
34 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT CURB**  
5 LF 9"X18" CONCRETE VERTICAL CURB  
**CONSTRUCT SIDEWALK**  
2 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB RAMP, TYPE 7**  
16 SY CONCRETE SIDEWALK, 4" THICK  
4 SY DETECTABLE WARNING SURFACE  
31 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT SIDEWALK**  
1 SY CONCRETE SIDEWALK, 4" THICK  
**CONSTRUCT CURB**  
2 LF GRANITE BLOCK CURB

**CONSTRUCT CURB**  
4 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT SIDEWALK**  
2 SY CONCRETE SIDEWALK, 4" THICK  
**CONSTRUCT CURB RAMP, TYPE 7**  
13 SY CONCRETE SIDEWALK, 4" THICK  
4 SY DETECTABLE WARNING SURFACE  
19 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT CURB**  
6 LF GRANITE BLOCK CURB

**CONSTRUCT SIDEWALK**  
6 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB RAMP, TYPE 7**  
14 SY CONCRETE SIDEWALK, 4" THICK  
1 SY DETECTABLE WARNING SURFACE  
34 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT CURB RAMP, TYPE 7**  
8 SY CONCRETE SIDEWALK, 4" THICK  
1 SY DETECTABLE WARNING SURFACE  
18 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT SIDEWALK**  
2 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB**  
4 LF GRANITE BLOCK CURB

**CONSTRUCT SIDEWALK**  
15 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB**  
38 LF GRANITE BLOCK CURB

**CONSTRUCT CURB RAMP, TYPE 7**  
10 SY CONCRETE SIDEWALK, 4" THICK  
1 SY DETECTABLE WARNING SURFACE  
23 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT SIDEWALK**  
2 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB**  
4 LF GRANITE BLOCK CURB

**CONSTRUCT MEDIAN (SPEED CONTROL)**  
(STA 04+58 TO STA 05+11)  
12 SY TOPSOIL SEEDING, 4" THICK  
12 SY FERTILIZING AND SEEDING, TYPE A  
12 SY STRAW MULCHING

**CONSTRUCT CURB**  
2 LF GRANITE BLOCK CURB

**CONSTRUCT SIDEWALK**  
1 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB RAMP, TYPE 7**  
17 SY CONCRETE SIDEWALK, 4" THICK  
4 SY DETECTABLE WARNING SURFACE  
40 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT SIDEWALK**  
2 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB**  
4 LF GRANITE BLOCK CURB

**CONSTRUCT CURB**  
8 LF GRANITE BLOCK CURB

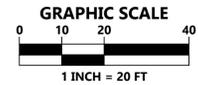
**CONSTRUCT SIDEWALK**  
4 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT MEDIAN (SPEED CONTROL)**  
(STA 05+76 TO STA 06+06)  
65 LF GRANITE BLOCK CURB  
13 SY TOPSOIL SEEDING, 4" THICK  
13 SY FERTILIZING AND SEEDING, TYPE A  
13 SY STRAW MULCHING

**CONSTRUCT CURB RAMP, TYPE 7**  
18 SY CONCRETE SIDEWALK, 4" THICK  
4 SY DETECTABLE WARNING SURFACE  
41 LF 9"X18" CONCRETE VERTICAL CURB

**CONSTRUCT SIDEWALK**  
2 SY CONCRETE SIDEWALK, 4" THICK

**CONSTRUCT CURB**  
4 LF GRANITE BLOCK CURB



**NOTES:**  
CURB FOR ALL PEDESTRIAN CURB RAMPS, INCLUDING TRANSITIONS AND FLARES SHALL BE 9"X18" CONCRETE VERTICAL CURB AS NOTED.  
PEDESTRIAN CURB RAMPS WITH CURVED OR SKEWED DETECTABLE WARNING SURFACES WILL BE CUSTOM FABRICATED. CONTRACTOR SHALL CONFIRM LAYOUT WITH ENGINEER PRIOR TO CONSTRUCTION.

**PLAN NOTATION**  
ONLY THOSE PLANS WHICH CONTAIN A DIGITAL IMPRESSED, OR COLORIZED INK SEAL, OF THE RESPONSIBLE PROFESSIONAL SHALL BE CONSIDERED VALID. THIS PLAN HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER DESIGNATED HEREON. ANY MODIFICATION, REVISION, DUPLICATION OR USE WITHOUT THE WRITTEN CONSENT OF VAN CLEEF ENGINEERING ASSOCIATES IS PROHIBITED. RELIANCE ON THIS PLAN FOR ANY PURPOSE OTHER THAN THAT WHICH IS INTENDED SHALL BE AT THE SOLE DISCRETION AND LIABILITY OF THE APPLICABLE PARTY.



**NOT FOR BIDDING**

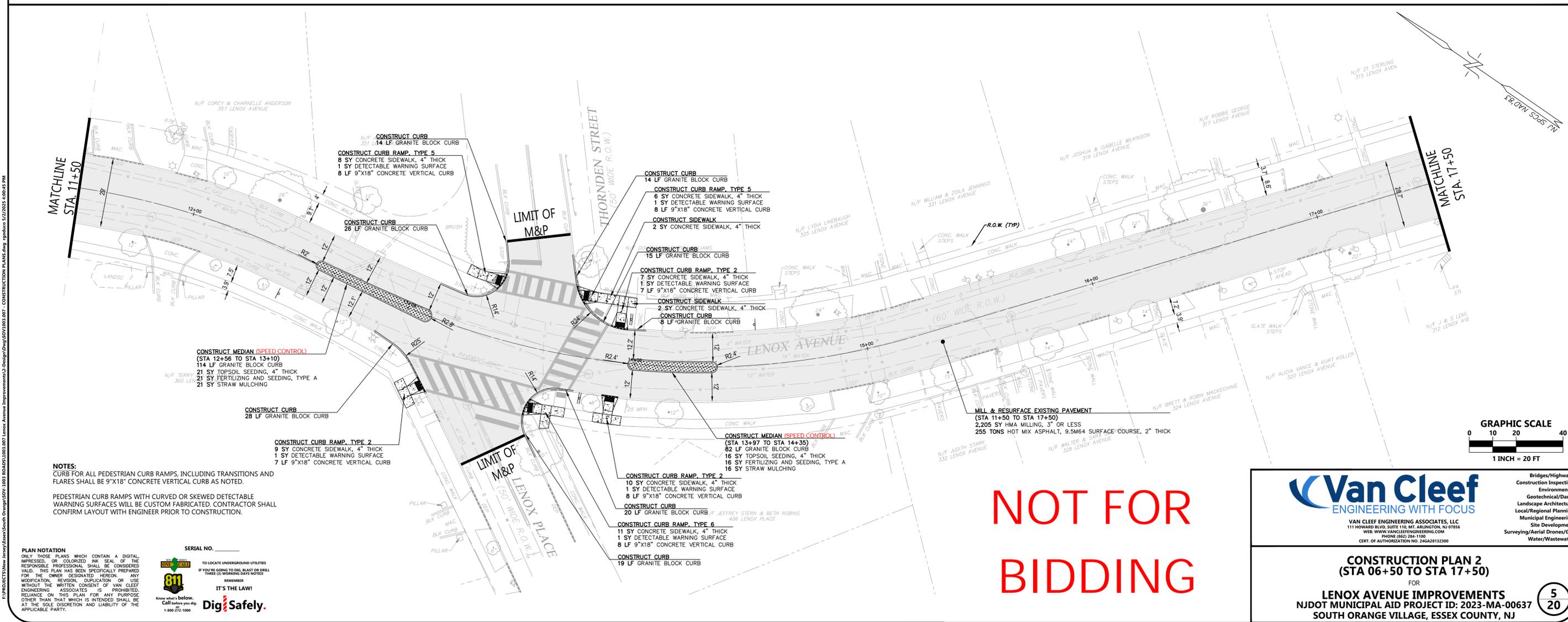
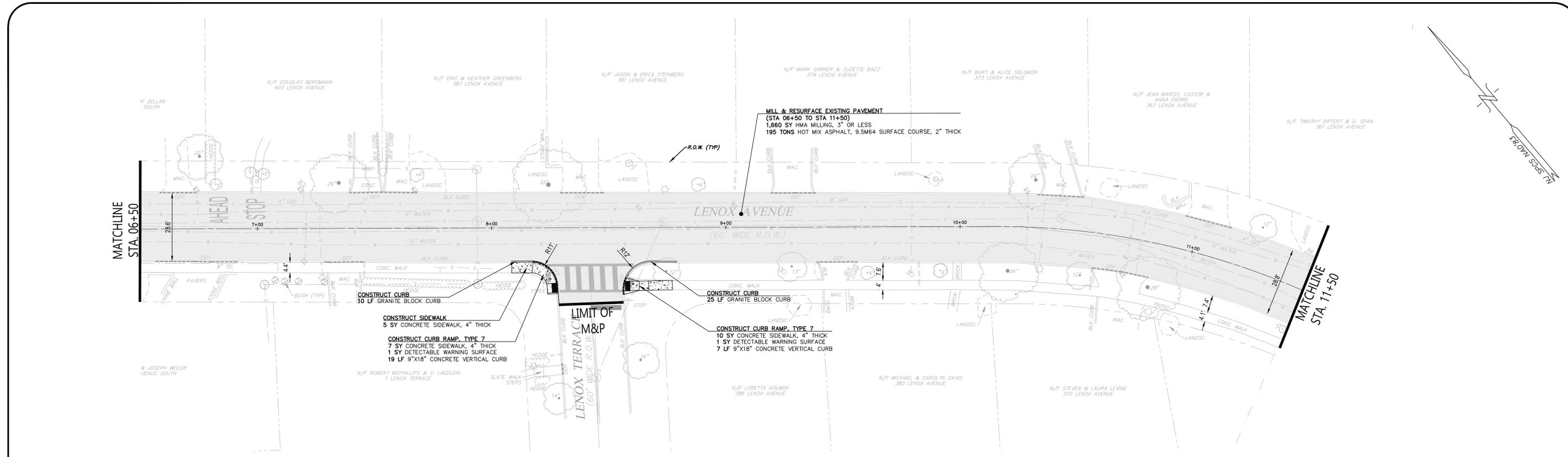
**Van Cleef**  
ENGINEERING WITH FOCUS

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Bridges/Highways  
Construction Inspection  
Environmental  
Geotechnical/Dams  
Landscape Architecture  
Local/Regional Planning  
Municipal Engineering  
Site Development  
Surveying/Aerial Drones/GIS  
Water/Wastewater

**CONSTRUCTION PLAN 1**  
(START STA 00+28 TO STA 06+50)  
FOR  
**LENOX AVENUE IMPROVEMENTS**  
NJDOT MUNICIPAL AID PROJECT ID: 2023-MA-00637  
SOUTH ORANGE VILLAGE, ESSEX COUNTY, NJ

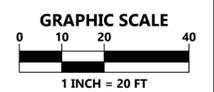
E:\PROJECTS\New Jersey\Essex\South Orange\Improvements\2-Digital\Drawings\SDV\001\001 - CONSTRUCTION PLANS.dwg ipguduro 12/2023 4:08:32 PM



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**SERIAL NO.** \_\_\_\_\_  
TO LOCATE UNDERGROUND UTILITIES  
IF YOU'RE GOING TO DIG, BLAST OR DRILL  
THREE (3) WARNING DAYS NOTICE  
REMEMBER  
**IT'S THE LAW!**  
Know what's below.  
Call before you dig.  
1-800-272-1000  
**Dig Safely.**



**NOT FOR BIDDING**



**Van Cleef**  
ENGINEERING WITH FOCUS

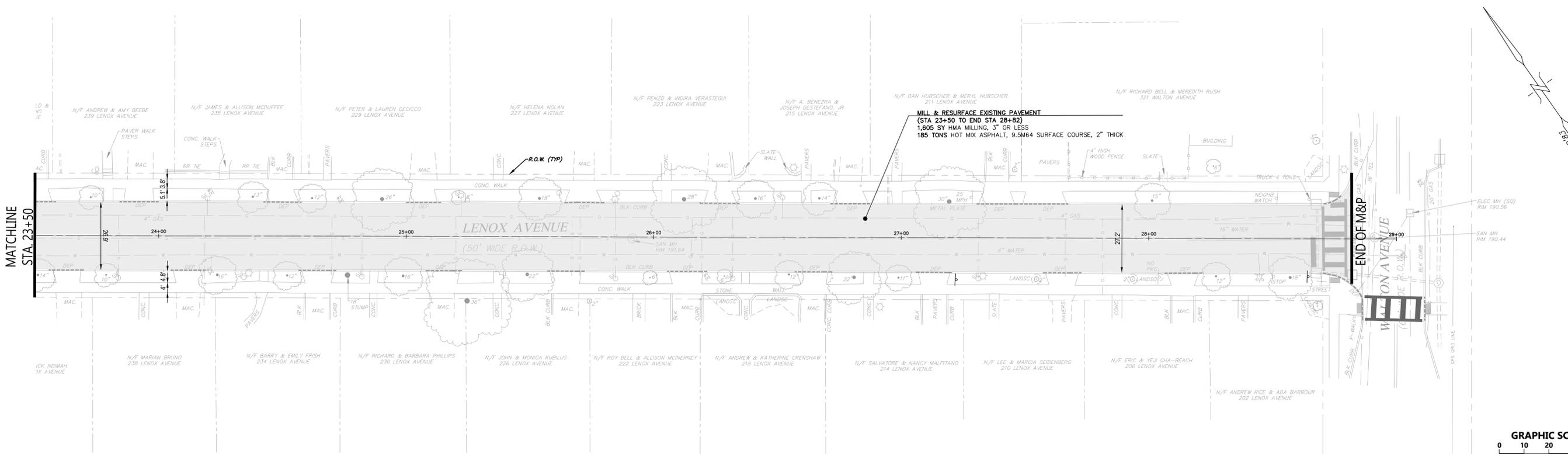
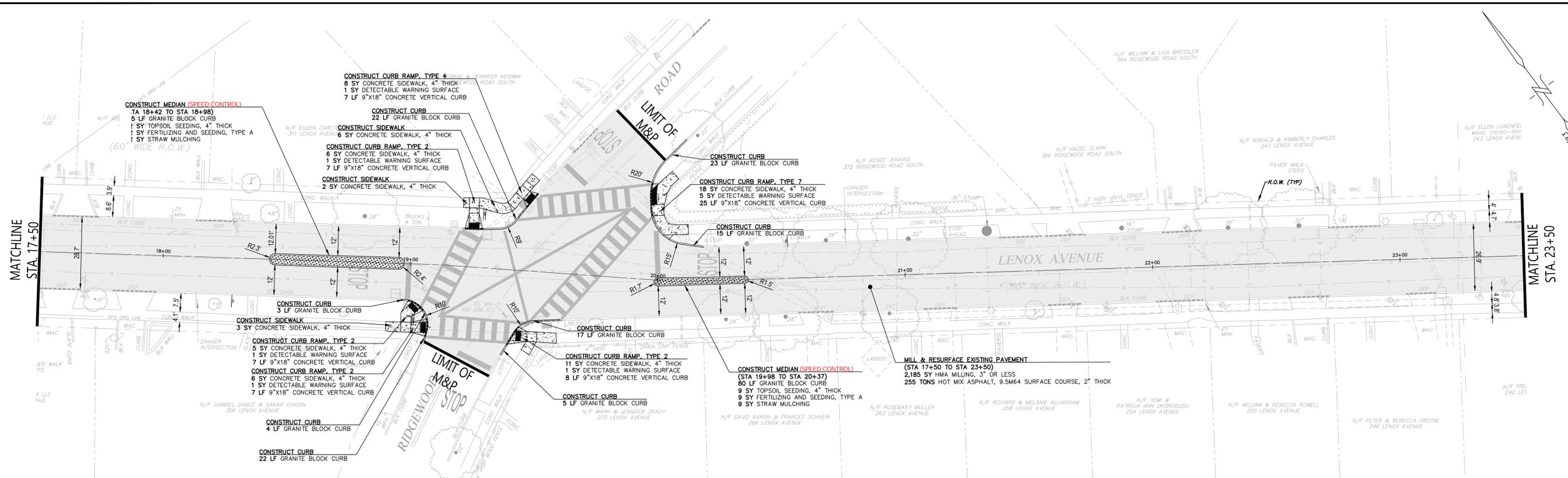
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Bridges/Highways  
Construction Inspection  
Environmental  
Geotechnical/Dams  
Landscape Architecture  
Local/Regional Planning  
Municipal Engineering  
Site Development  
Surveying/Aerial Drones/GIS  
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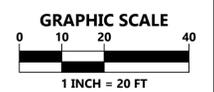
**CONSTRUCTION PLAN 2**  
**(STA 06+50 TO STA 17+50)**

FOR  
**LENOX AVENUE IMPROVEMENTS**  
NJDOT MUNICIPAL AID PROJECT ID: 2023-MA-00637  
SOUTH ORANGE VILLAGE, ESSEX COUNTY, NJ

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20



**NOTES:**  
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BIDDING

PROJECT: New Jersey Essex County South Orange Design/Draw/Construct Lenox Avenue Improvements 5/2/2023 4:08:54 PM  
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**SERIAL NO.** \_\_\_\_\_

**811**  
 Know what's below. Call before you dig. 1-800-272-1000

**Dig Safely.**  
 TO LOCATE UNDERGROUND UTILITIES IF YOU'RE GOING TO DIG, BLAST OR DRILL THREE (3) WORKING DAYS NOTICE REMEMBER IT'S THE LAW!

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 Local/Regional Planning  
 Municipal Engineering  
 Site Development  
 Surveying/Aerial Drones/GIS  
 Water/Wastewater

**CONSTRUCTION PLAN 3**  
 (STA 17+50 TO END STA 29+50)

FOR  
**LENOX AVENUE IMPROVEMENTS**  
 NJDOT MUNICIPAL AID PROJECT ID: 2023-MA-00637  
 SOUTH ORANGE VILLAGE, ESSEX COUNTY, NJ