

SIGN LEGEND

- | | | |
|-------------|--|-----------------|
| OM1-1 | TYPE 1 OBJECT MARKER (YELLOW) | 18" x 18" |
| M1-6 | COUNTY ROUTE (533) | 24" x 24" |
| M3-3 | SOUTH | 24" x 12" |
| R1-1 | STOP | 36" x 36" |
| R1-2 | YIELD | 36" x 36" x 36" |
| R2-1 | SPEED LIMIT (35) | 24" x 30" |
| R3-8B | LANE USE DESIGNATION (LT ONLY, THRU ONLY, RT ONLY) | 48" x 30" |
| R(NJ)3-8F | LANE USE DESIGNATION (LT ONLY, THRU & RT) | 30" x 30" |
| R(NJ)3-8I | LANE USE DESIGNATION (LT ONLY, THRU ONLY) | 30" x 30" |
| R(NJ)3-8T | LANE USE DESIGNATION (LT ONLY, THRU ONLY, THRU & RT) | 48" x 30" |
| R(NJ)3-8Z | AHEAD | 30" x 12" |
| R3-9b | TWO-WAY LEFT TURN ONLY | 24" x 36" |
| R3-9dP | END (PLAQUE) | 30" x 12" |
| R4-7 | KEEP RIGHT (SYMBOL) | 24" x 30" |
| R5-1 | DO NOT ENTER | 36" x 36" |
| R6-1L | ONE WAY (LEFT) | 54" x 18" |
| R(NJ)7-4X | NO STOPPING OR STANDING | 12" x 18" |
| R9-3 | NO PEDESTRIAN CROSSING (SYMBOL) | 18" x 18" |
| R9-3bP(L) | USE CROSSWALK WITH LEFT ARROW (PLAQUE) | 18" x 12" |
| R9-3bP(R) | USE CROSSWALK WITH RIGHT ARROW (PLAQUE) | 18" x 12" |
| R10-6 | STOP HERE ON RED (STRAIGHT ARROW) | 24" x 36" |
| R10-7 | DO NOT BLOCK INTERSECTION | 24" x 30" |
| R(NJ)10-11F | NO TURN ON RED | 72" x 12" |
| R10-12 | LEFT TURN YIELD ON GREEN (BALL) | 30" x 36" |
| R(NJ)10-13A | DELAYED GREEN | 60" x 12" |
| SIGN "A" | N MAIN ST 533 (SHIELD) | 78" x 18" |
| SIGN "B" | DUKES PKWY EAST 608 (SHIELD) | 102" x 18" |
| W11-2* | PEDESTRIAN (SYMBOL) | 36" x 36" |
| W12-2 | LOW CLEARANCE (ARROW) (12'-3") | 36" x 36" |
| W16-2aP | DISTANCE PLAQUE (2400 FT) | 24" x 12" |
| W16-7P(L)* | DOWNWARD DIAGONAL ARROW LEFT (PLAQUE) | 24" x 12" |
| W16-7P(R)* | DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE) | 24" x 12" |
| W16-9P* | AHEAD (PLAQUE) | 24" x 12" |

*SIGN COLOR FLUORESCENT YELLOW GREEN

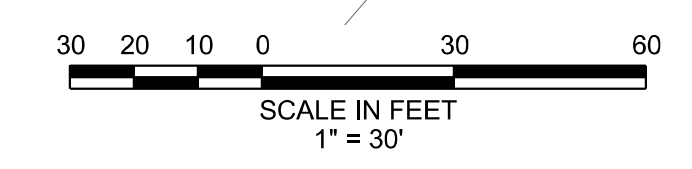
- GENERAL NOTES:
- TURN ARROW AND "ONLY" PAVEMENT MARKING SYMBOL SPACING DIMENSIONS SHALL CONFORM TO SOMERSET COUNTY DETAIL TC-4 MOD (SEE SHEET TSS-9) UNLESS OTHERWISE DIMENSIONED.
 - ALL EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB'S) SHALL BE REMOVED AND RETURNED TO THE BOROUGH OF MANVILLE.

LEGEND

- | | | | | | |
|---|---|---|--|--------|-----------------------------------|
| ① | 4" SOLID WHITE LINE | ⑭ | 6" SOLID WHITE LINES SPACED 4' C TO C @ 45° | ■ | RAISED PAVEMENT MARKER |
| ② | 4" SOLID YELLOW LINE | ⑮ | 24" SOLID WHITE LINES SPACED 12' C TO C @ 45° | Ⓜ | RPM, MONO-DIRECTIONAL, WHITE LENS |
| ③ | 4" SOLID DOUBLE YELLOW LINE, 6" SPACING | ⑯ | 12" SOLID YELLOW LINES SPACED 6' C TO C @ 45° | Ⓜ | RPM, MONO-DIRECTIONAL, AMBER LENS |
| ④ | 6" SOLID WHITE LINE | ⑰ | 24" SOLID YELLOW LINES SPACED 12' C TO C @ 45° | Ⓜ | RPM, BI-DIRECTIONAL, AMBER LENS |
| ⑤ | 8" SOLID WHITE LINE | ⑱ | TRAFFIC MARKINGS, LEFT ARROW | + | EXISTING POST MOUNTED SIGN |
| ⑥ | 24" SOLID WHITE LINE | ⑲ | TRAFFIC MARKINGS, RIGHT ARROW | + | PROPOSED POST MOUNTED SIGN |
| ⑦ | 4" DASHED WHITE LINES, 10' LINE w/ 30' GAP | ⑳ | TRAFFIC MARKINGS, THROUGH ARROW | ⌋ | SIGNAL MAST ARM SIGN |
| ⑧ | 4" DASHED YELLOW LINES, 10' LINE w/ 30' GAP | ㉑ | TRAFFIC MARKINGS, ONLY | (TBRM) | EXISTING SIGN TO BE REMOVED |
| ⑨ | 4" DOTTED YELLOW LINES, 2' LINE w/ 6' GAP | ㉒ | TRAFFIC MARKINGS, THROUGH & RIGHT ARROW | (TBRL) | EXISTING SIGN TO BE RELOCATED |
| ⑩ | 6" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉓ | TRAFFIC MARKINGS, WHITE THROUGH & LEFT ARROW | (TRM) | EXISTING SIGN TO REMAIN |
| ⑪ | 8" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉔ | TRAFFIC MARKINGS, YIELD | □ | LANDING AREA TURNING SPACE |
| ⑫ | 4" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | ㉕ | TRAFFIC MARKINGS, LOW BRIDGE AHEAD | □ | CONCRETE SIDEWALK |
| ⑬ | 8" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | | | ■ | PAVERS |

TO BE CONSTRUCTED

SEQ	ITEM	UNIT	QUANTITY
75	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE	LF	3,237
78	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE	LF	3,153
81	TRAFFIC STRIPES, THERMOPLASTIC, 8" WIDE	LF	803
85	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE	LF	976
86	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT ARROW	UNIT	7
87	TRAFFIC MARKINGS, THERMOPLASTIC, RIGHT ARROW	UNIT	4
88	TRAFFIC MARKINGS, THERMOPLASTIC, STRAIGHT ARROW	UNIT	4
90	TRAFFIC MARKINGS, THERMOPLASTIC, RIGHT/THRU ARROW	UNIT	1
91	TRAFFIC MARKINGS, THERMOPLASTIC, ONLY	UNIT	15
92	TRAFFIC MARKINGS, THERMOPLASTIC, YIELD	UNIT	8
96	RPM, MONO-DIRECTIONAL, WHITE LENS	UNIT	17
97	RPM, MONO-DIRECTIONAL, AMBER LENS	UNIT	14
98	RPM, BI-DIRECTIONAL, AMBER LENS	UNIT	6
102	SIGN, 12" x 18"	UNIT	1
104	SIGN, 18" x 18"	UNIT	3
106	SIGN, 24" x 12"	UNIT	2
108	SIGN, 24" x 24"	UNIT	1
109	SIGN, 24" x 30"	UNIT	2
110	SIGN, 24" x 36"	UNIT	1
111	SIGN, 30" x 12"	UNIT	2
112	SIGN, 30" x 30"	UNIT	3
113	SIGN, 30" x 36"	UNIT	5
115	SIGN, 36" x 36"	UNIT	3
117	SIGN, 48" x 30"	UNIT	4
118	SIGN, 54" x 18"	UNIT	1
119	SIGN, 60" x 12"	UNIT	2
125	SIGN, 72" x 12"	UNIT	1
127	SIGN, 78" x 18"	UNIT	1
129	SIGN, 102" x 18"	UNIT	1
130	SIGN, 36" x 36" x 36"	UNIT	1



MATCH LINE MAIN ST B STA 127+00

COUNTY OF SOMERSET

TRAFFIC SIGNING AND STRIPING PLANS

SAFETY IMPROVEMENTS - MAIN STREET (CR 533)

BOROUGH OF MANVILLE

CONTRACT NO. 21005

URBAN ENGINEERS, INC.

CERTIFICATE OF AUTHORIZATION NO. 24GA28033900

WILLIAM P. McGARRIGEL

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04188000

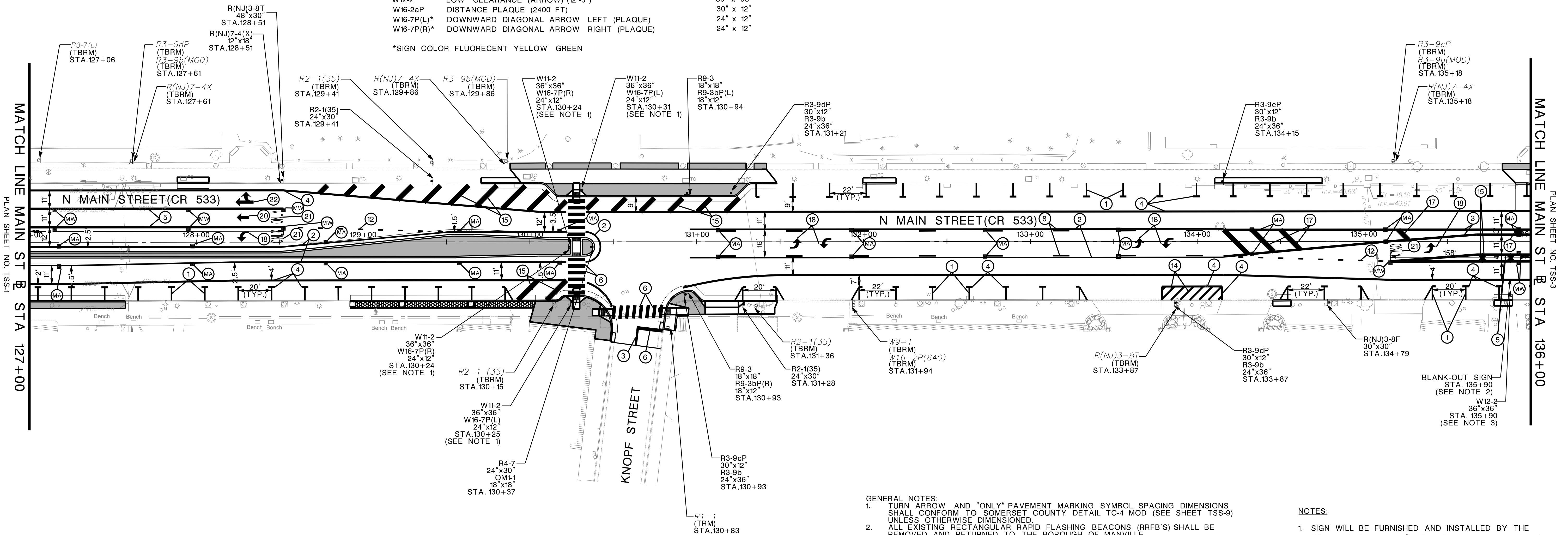
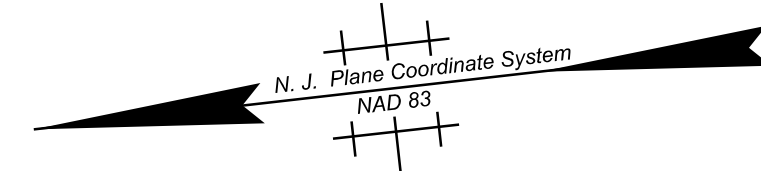
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TSS-1 TSS-11

SIGN LEGEND

- | | | |
|------------|--|-----------|
| OM1-1 | TYPE 1 OBJECT MARKER (YELLOW) | 18" x 18" |
| R2-1 | SPEED LIMIT (35) | 24" x 30" |
| R(NJ)3-8F | LANE USE DESIGNATION (LT ONLY, THRU & RT) | 30" x 30" |
| R(NJ)3-8T | LANE USE DESIGNATION (LT ONLY, THRU ONLY, THRU & RT) | 48" x 30" |
| R3-9b | TWO-WAY LEFT TURN ONLY | 24" x 36" |
| R3-9cP | BEGIN (PLAQUE) | 30" x 12" |
| R3-9dP | END (PLAQUE) | 30" x 12" |
| R4-7 | KEEP RIGHT (SYMBOL) | 24" x 30" |
| R(NJ)7-4X | NO STOPPING OR STANDING | 12" x 18" |
| R9-3 | NO PEDESTRIAN CROSSING (SYMBOL) | 18" x 18" |
| R9-3bP(L) | USE CROSSWALK WITH LEFT ARROW (PLAQUE) | 18" x 12" |
| R9-3bP(R) | USE CROSSWALK WITH RIGHT ARROW (PLAQUE) | 18" x 12" |
| W11-2* | PEDESTRIAN (SYMBOL) | 36" x 36" |
| W12-2 | LOW CLEARANCE (ARROW) (12'-3") | 36" x 36" |
| W16-2aP | DISTANCE PLAQUE (2400 FT) | 30" x 12" |
| W16-7P(L)* | DOWNWARD DIAGONAL ARROW LEFT (PLAQUE) | 24" x 12" |
| W16-7P(R)* | DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE) | 24" x 12" |

*SIGN COLOR FLUORESCENT YELLOW GREEN



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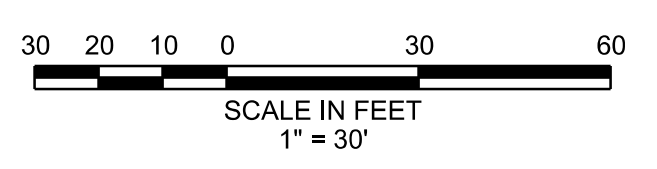
LEGEND

- | | | | | | |
|---|---|---|--|---------|-----------------------------------|
| ① | 4" SOLID WHITE LINE | ⑭ | 6" SOLID WHITE LINES SPACED 4' C TO C @ 45° | ■ | RAISED PAVEMENT MARKER |
| ② | 4" SOLID YELLOW LINE | ⑮ | 24" SOLID WHITE LINES SPACED 12' C TO C @ 45° | Ⓜ | RPM, MONO-DIRECTIONAL, WHITE LENS |
| ③ | 4" SOLID DOUBLE YELLOW LINE, 6" SPACING | ⑯ | 12" SOLID YELLOW LINES SPACED 6' C TO C @ 45° | ⓂA | RPM, MONO-DIRECTIONAL, AMBER LENS |
| ④ | 6" SOLID WHITE LINE | ⑰ | 24" SOLID YELLOW LINES SPACED 12' C TO C @ 45° | ⓂB | RPM, BI-DIRECTIONAL, AMBER LENS |
| ⑤ | 8" SOLID WHITE LINE | ⑱ | TRAFFIC MARKINGS, LEFT ARROW | Ⓜ | EXISTING POST MOUNTED SIGN |
| ⑥ | 24" SOLID WHITE LINE | ⑲ | TRAFFIC MARKINGS, RIGHT ARROW | Ⓜ | PROPOSED POST MOUNTED SIGN |
| ⑦ | 4" DASHED WHITE LINES, 10' LINE w/ 30' GAP | ⑳ | TRAFFIC MARKINGS, THROUGH ARROW | Ⓜ | SIGNAL MAST ARM SIGN |
| ⑧ | 4" DASHED YELLOW LINES, 10' LINE w/ 30' GAP | ㉑ | TRAFFIC MARKINGS, ONLY | (TBRM) | EXISTING SIGN TO BE REMOVED |
| ⑨ | 4" DOTTED YELLOW LINES, 2' LINE w/ 6' GAP | ㉒ | TRAFFIC MARKINGS, THROUGH & RIGHT ARROW | (TBRLL) | EXISTING SIGN TO BE RELOCATED |
| ⑩ | 6" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉓ | TRAFFIC MARKINGS, WHITE THROUGH & LEFT ARROW | (TRM) | EXISTING SIGN TO REMAIN |
| ⑪ | 8" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉔ | TRAFFIC MARKINGS, YIELD | □ | LANDING AREA TURNING SPACE |
| ⑫ | 4" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | ㉕ | TRAFFIC MARKINGS, LOW BRIDGE AHEAD | □ | CONCRETE SIDEWALK |
| ⑬ | 8" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | | | ■ | PAVERS |

- GENERAL NOTES:
- TURN ARROW AND "ONLY" PAVEMENT MARKING SYMBOL SPACING DIMENSIONS SHALL CONFORM TO SOMERSET COUNTY DETAIL TC-4 MOD (SEE SHEET TSS-9) UNLESS OTHERWISE DIMENSIONED.
 - ALL EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB'S) SHALL BE REMOVED AND RETURNED TO THE BOROUGH OF MANVILLE.

- NOTES:
- SIGN WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER "RECTANGULAR RAPID FLASHING BEACON ASSEMBLY" PAY ITEM. SEE SHEET RRFB-1.
 - SIGN WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER "BLANK-OUT SIGN" PAY ITEM. SEE PLANS E-6 AND TSS-11.
 - SEE TSS-11.

TO BE CONSTRUCTED			
SEQ	ITEM	UNIT	QUANTITY
75	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE	LF	2,775
78	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE	LF	2,057
81	TRAFFIC STRIPES, THERMOPLASTIC, 8" WIDE	LF	474
85	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE	LF	514
86	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT ARROW	UNIT	6
88	TRAFFIC MARKINGS, THERMOPLASTIC, STRAIGHT ARROW	UNIT	1
90	TRAFFIC MARKINGS, THERMOPLASTIC, RIGHT/THRU ARROW	UNIT	1
91	TRAFFIC MARKINGS, THERMOPLASTIC, ONLY	UNIT	3
96	RPM, MONO-DIRECTIONAL, WHITE LENS	UNIT	9
97	RPM, MONO-DIRECTIONAL, AMBER LENS	UNIT	24
102	SIGN, 12"x18"	UNIT	1
103	SIGN, 18"x12"	UNIT	2
104	SIGN, 18"x18"	UNIT	3
109	SIGN, 24"x30"	UNIT	3
110	SIGN, 24"x36"	UNIT	4
111	SIGN, 30"x12"	UNIT	4
112	SIGN, 30"x30"	UNIT	1
115	SIGN, 36"x36"	UNIT	1
117	SIGN, 48"x30"	UNIT	1



COUNTY OF SOMERSET

TRAFFIC SIGNING AND STRIPING PLANS

SAFETY IMPROVEMENTS - MAIN STREET (CR 533)

BOROUGH OF MANVILLE

CONTRACT NO. 21005

URBAN ENGINEERS, INC.
CERTIFICATE OF AUTHORIZATION NO. 24GA28033900

WILLIAM P. McGARRIGEL
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04188000

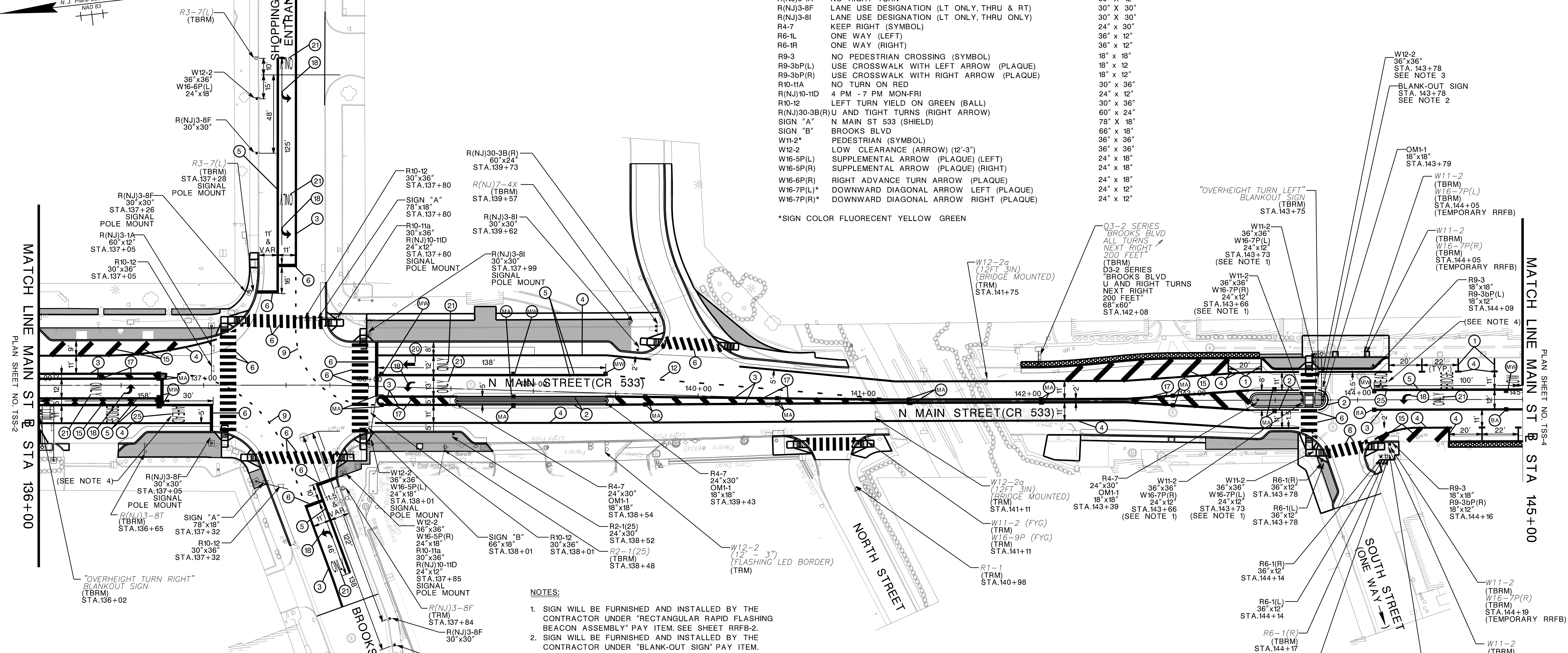
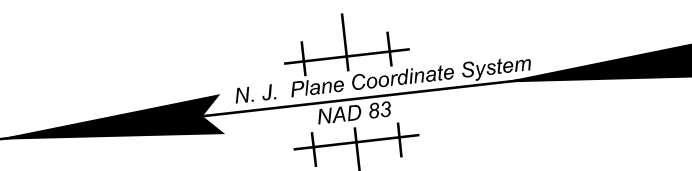
TSS-2
TSS-11

- GENERAL NOTES:
- TURN ARROW AND "ONLY" PAVEMENT MARKING SYMBOL SPACING DIMENSIONS SHALL CONFORM TO SOMERSET COUNTY DETAIL TC-4 MOD (SEE SHEET TSS-9) UNLESS OTHERWISE DIMENSIONED.
 - ALL EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB'S) SHALL BE REMOVED AND RETURNED TO THE BOROUGH OF MANVILLE.

SIGN LEGEND

- | | | |
|----------------|---|-----------|
| D3-2 | BROOKS BLVD U AND RIGHT TURNS NEXT RIGHT 200 FEET | 68" x 60" |
| OM-1 | TYPE 1 OBJECT MARKER (YELLOW) | 18" x 18" |
| R2-1 | SPEED LIMIT (25) | 24" x 30" |
| R(NJ)3-1A | NO RIGHT TURN | 60" x 12" |
| R(NJ)3-8F | LANE USE DESIGNATION (LT ONLY, THRU & RT) | 30" x 30" |
| R(NJ)3-8I | LANE USE DESIGNATION (LT ONLY, THRU ONLY) | 30" x 30" |
| R4-7 | KEEP RIGHT (SYMBOL) | 24" x 30" |
| R6-1L | ONE WAY (LEFT) | 36" x 12" |
| R6-1R | ONE WAY (RIGHT) | 36" x 12" |
| R9-3 | NO PEDESTRIAN CROSSING (SYMBOL) | 18" x 18" |
| R9-3bP(L) | USE CROSSWALK WITH LEFT ARROW (PLAQUE) | 18" x 12" |
| R9-3bP(R) | USE CROSSWALK WITH RIGHT ARROW (PLAQUE) | 18" x 12" |
| R10-11A | NO TURN ON RED | 30" x 36" |
| R(NJ)10-1D | 4 PM - 7 PM MON-FRI | 24" x 12" |
| R10-12 | LEFT TURN YIELD ON GREEN (BALL) | 30" x 36" |
| R(NJ)30-3B(R)U | U AND TIGHT TURNS (RIGHT ARROW) | 60" x 24" |
| SIGN "A" | N MAIN ST 533 (SHIELD) | 78" x 18" |
| SIGN "B" | BROOKS BLVD | 66" x 18" |
| W11-2* | PEDESTRIAN (SYMBOL) | 36" x 36" |
| W12-2 | LOW CLEARANCE (ARROW) (12'-3") | 36" x 36" |
| W16-5P(L) | SUPPLEMENTAL ARROW (PLAQUE) (LEFT) | 24" x 18" |
| W16-5P(R) | SUPPLEMENTAL ARROW (PLAQUE) (RIGHT) | 24" x 18" |
| W16-6P(R) | RIGHT ADVANCE TURN ARROW (PLAQUE) | 24" x 18" |
| W16-7P(L)* | DOWNWARD DIAGONAL ARROW LEFT (PLAQUE) | 24" x 12" |
| W16-7P(R)* | DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE) | 24" x 12" |

*SIGN COLOR FLUORESCENT YELLOW GREEN



NOTES:

- SIGN WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER "RECTANGULAR RAPID FLASHING BEACON ASSEMBLY" PAY ITEM. SEE SHEET RRFB-2.
- SIGN WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER "BLANK-OUT SIGN" PAY ITEM. SEE PLANS E-10 AND TSS-11.
- SEE TSS-11.
- SEE TSS-10.

TO BE CONSTRUCTED

SEQ	ITEM	UNIT	QUANTITY
75	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE	LF	3,228
78	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE	LF	1,404
81	TRAFFIC STRIPES, THERMOPLASTIC, 8" WIDE	LF	609
85	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE	LF	1,126
86	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT ARROW	UNIT	6
88	TRAFFIC MARKINGS, THERMOPLASTIC, STRAIGHT ARROW	UNIT	1
91	TRAFFIC MARKINGS, THERMOPLASTIC, ONLY	UNIT	7
93	TRAFFIC MARKINGS, THERMOPLASTIC, LOW BRIDGE AHEAD	UNIT	2
96	RPM, MONO-DIRECTIONAL, WHITE LENS	UNIT	7
97	RPM, MONO-DIRECTIONAL, AMBER LENS	UNIT	18
98	RPM, BI-DIRECTIONAL, AMBER LENS	UNIT	2
103	SIGN, 18" x 12"	UNIT	2
104	SIGN, 18" x 18"	UNIT	6
106	SIGN, 24" x 12"	UNIT	2
107	SIGN, 24" x 18"	UNIT	4
109	SIGN, 24" x 30"	UNIT	4
112	SIGN, 30" x 30"	UNIT	6
113	SIGN, 30" x 36"	UNIT	6
114	SIGN, 36" x 12"	UNIT	4
115	SIGN, 36" x 36"	UNIT	5
119	SIGN, 60" x 12"	UNIT	1
121	SIGN, 60" x 24"	UNIT	1
123	SIGN, 66" x 18"	UNIT	1
124	SIGN, 68" x 60"	UNIT	1
127	SIGN, 78" x 18"	UNIT	2

LEGEND

- | | |
|---|--|
| ① | 4" SOLID WHITE LINE |
| ② | 4" SOLID YELLOW LINE |
| ③ | 4" SOLID DOUBLE YELLOW LINE, 6" SPACING |
| ④ | 6" SOLID WHITE LINE |
| ⑤ | 8" SOLID WHITE LINE |
| ⑥ | 24" SOLID WHITE LINE |
| ⑦ | 4" DASHED WHITE LINES, 10' LINE w/ 30' GAP |
| ⑧ | 4" DASHED YELLOW LINES, 10' LINE w/ 30' GAP |
| ⑨ | 4" DOTTED YELLOW LINES, 2' LINE w/ 6' GAP |
| ⑩ | 6" DOTTED WHITE LINES, 2' LINE w/ 6' GAP |
| ⑪ | 8" DOTTED WHITE LINES, 2' LINE w/ 6' GAP |
| ⑫ | 4" DOTTED WHITE LINES, 3' LINE w/ 9' GAP |
| ⑬ | 8" DOTTED WHITE LINES, 3' LINE w/ 9' GAP |
| ⑭ | 6" SOLID WHITE LINES SPACED 4' C TO C @ 45° |
| ⑮ | 24" SOLID WHITE LINES SPACED 12' C TO C @ 45° |
| ⑯ | 12" SOLID YELLOW LINES SPACED 6' C TO C @ 45° |
| ⑰ | 24" SOLID YELLOW LINES SPACED 12' C TO C @ 45° |
| ⑱ | TRAFFIC MARKINGS, LEFT ARROW |
| ⑲ | TRAFFIC MARKINGS, RIGHT ARROW |
| ⑳ | TRAFFIC MARKINGS, THROUGH ARROW |
| ㉑ | TRAFFIC MARKINGS, ONLY |
| ㉒ | TRAFFIC MARKINGS, THROUGH & RIGHT ARROW |
| ㉓ | TRAFFIC MARKINGS, WHITE THROUGH & LEFT ARROW |
| ㉔ | TRAFFIC MARKINGS, YIELD |
| ㉕ | TRAFFIC MARKINGS, LOW BRIDGE AHEAD |

- RAISED PAVEMENT MARKER
- Ⓜ RPM, MONO-DIRECTIONAL, WHITE LENS
- Ⓜⓐ RPM, MONO-DIRECTIONAL, AMBER LENS
- ⓂⓅ RPM, BI-DIRECTIONAL, AMBER LENS
- Ⓜ EXISTING POST MOUNTED SIGN
- Ⓜ PROPOSED POST MOUNTED SIGN
- Ⓜ SIGNAL MAST ARM SIGN
- (TBRM) EXISTING SIGN TO BE REMOVED
- (TBRL) EXISTING SIGN TO BE RELOCATED
- (TRM) EXISTING SIGN TO REMAIN
- LANDING AREA TURNING SPACE
- CONCRETE SIDEWALK
- PAVERS



COUNTY OF SOMERSET

TRAFFIC SIGNING AND STRIPING PLANS
SAFETY IMPROVEMENTS - MAIN STREET (CR 533)
BOROUGH OF MANVILLE
CONTRACT NO. 21005

URBAN ENGINEERS, INC.
 CERTIFICATE OF AUTHORIZATION NO. 24GA28033900
 WILLIAM P. McGARRIGEL
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MATCH LINE MAIN ST B STA 136+00 PLAN SHEET NO. TSS-2

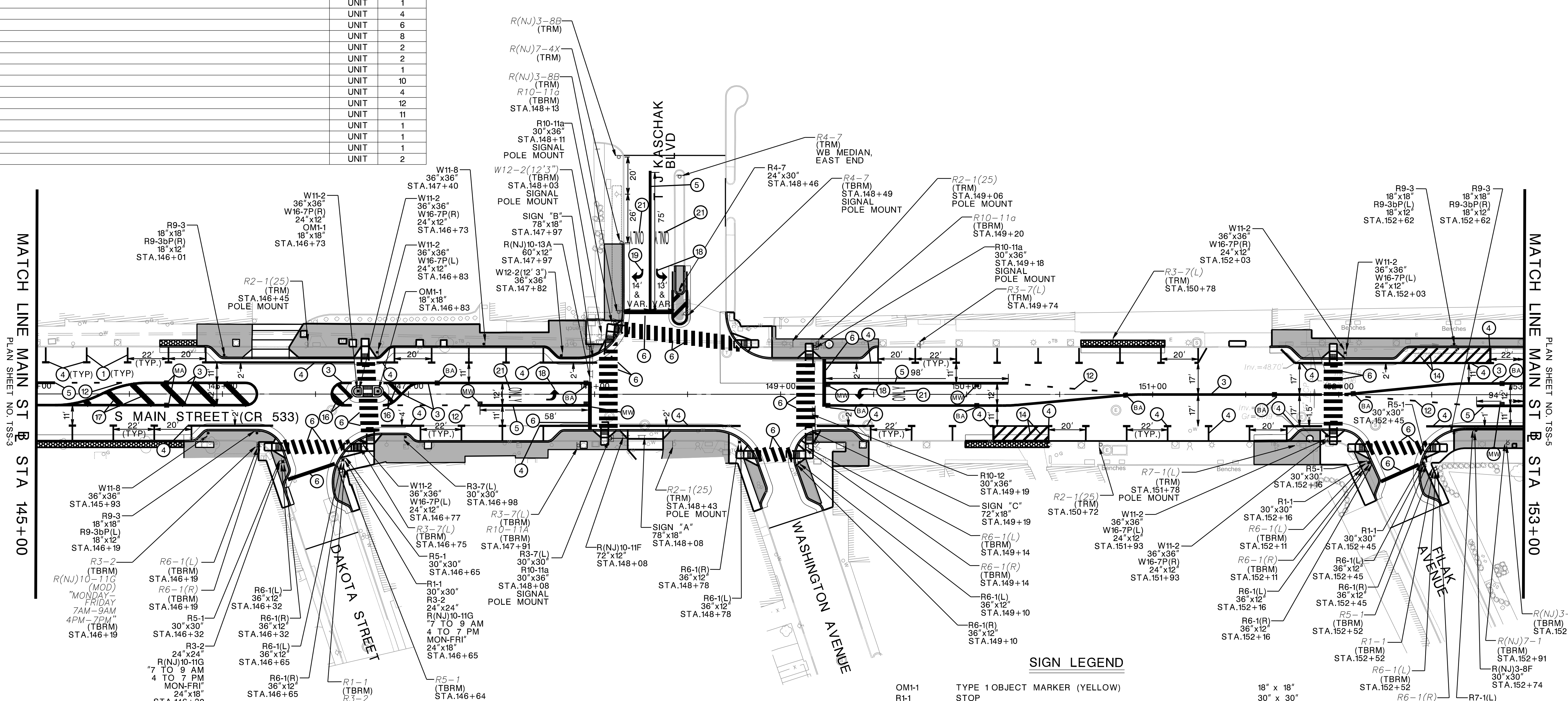
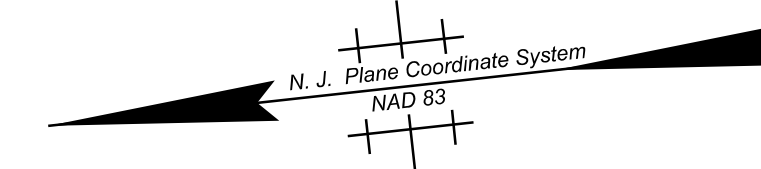
MATCH LINE MAIN ST R STA 145+00 PLAN SHEET NO. TSS-4

TSS-3
TSS-11

TO BE CONSTRUCTED

SEQ	ITEM	UNIT	QUANTITY
75	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE	LF	1,992
78	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE	LF	848
81	TRAFFIC STRIPES, THERMOPLASTIC, 8" WIDE	LF	269
84	TRAFFIC STRIPES, THERMOPLASTIC, 12" WIDE	LF	52
85	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE	LF	857
86	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT ARROW	UNIT	3
87	TRAFFIC MARKINGS, THERMOPLASTIC, RIGHT ARROW	UNIT	1
91	TRAFFIC MARKINGS, THERMOPLASTIC, ONLY	UNIT	4
96	RPM, MONO-DIRECTIONAL, WHITE LENS	UNIT	5
97	RPM, MONO-DIRECTIONAL, AMBER LENS	UNIT	2
98	RPM, BI-DIRECTIONAL, AMBER LENS	UNIT	8
102	SIGN, 12" x 18"	UNIT	1
103	SIGN, 18" x 12"	UNIT	4
104	SIGN, 18" x 18"	UNIT	6
106	SIGN, 24" x 12"	UNIT	8
107	SIGN, 24" x 18"	UNIT	2
108	SIGN, 24" x 24"	UNIT	2
109	SIGN, 24" x 30"	UNIT	1
112	SIGN, 30" x 30"	UNIT	10
113	SIGN, 30" x 36"	UNIT	4
114	SIGN, 36" x 12"	UNIT	12
115	SIGN, 36" x 36"	UNIT	11
119	SIGN, 60" x 12"	UNIT	1
125	SIGN, 72" x 12"	UNIT	1
126	SIGN, 72" x 18"	UNIT	1
127	SIGN, 78" x 18"	UNIT	2

GENERAL NOTES:
 1. TURN ARROW AND "ONLY" PAVEMENT MARKING SYMBOL SPACING DIMENSIONS SHALL CONFORM TO SOMERSET COUNTY DETAIL TC-4 MOD (SEE SHEET TSS-9) UNLESS OTHERWISE DIMENSIONED.
 2. ALL EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB'S) SHALL BE REMOVED AND RETURNED TO THE BOROUGH OF MANVILLE.



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LEGEND

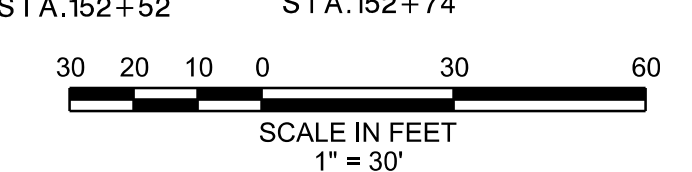
- | | |
|---|--|
| ① 4" SOLID WHITE LINE | ⑭ 6" SOLID WHITE LINES SPACED 4' C TO C @ 45° |
| ② 4" SOLID YELLOW LINE | ⑮ 24" SOLID WHITE LINES SPACED 12' C TO C @ 45° |
| ③ 4" SOLID DOUBLE YELLOW LINE, 6" SPACING | ⑯ 12" SOLID YELLOW LINES SPACED 6' C TO C @ 45° |
| ④ 6" SOLID WHITE LINE | ⑰ 24" SOLID YELLOW LINES SPACED 12' C TO C @ 45° |
| ⑤ 8" SOLID WHITE LINE | ⑱ TRAFFIC MARKINGS, LEFT ARROW |
| ⑥ 24" SOLID WHITE LINE | ⑲ TRAFFIC MARKINGS, RIGHT ARROW |
| ⑦ 4" DASHED WHITE LINES, 10' LINE w/ 30' GAP | ⑳ TRAFFIC MARKINGS, THROUGH ARROW |
| ⑧ 4" DASHED YELLOW LINES, 10' LINE w/ 30' GAP | ㉑ TRAFFIC MARKINGS, ONLY |
| ⑨ 4" DOTTED YELLOW LINES, 2' LINE w/ 6' GAP | ㉒ TRAFFIC MARKINGS, THROUGH & RIGHT ARROW |
| ⑩ 6" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉓ TRAFFIC MARKINGS, THROUGH & LEFT ARROW |
| ⑪ 8" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉔ TRAFFIC MARKINGS, WHITE THROUGH & LEFT ARROW |
| ⑫ 4" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | ㉕ TRAFFIC MARKINGS, YIELD |
| ⑬ 8" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | ㉖ TRAFFIC MARKINGS, LOW BRIDGE AHEAD |

- RAISED PAVEMENT MARKER
- Ⓜ RPM, MONO-DIRECTIONAL, WHITE LENS
- Ⓜⓐ RPM, MONO-DIRECTIONAL, AMBER LENS
- Ⓜⓑ RPM, BI-DIRECTIONAL, AMBER LENS
- 4 EXISTING POST MOUNTED SIGN
- 4 PROPOSED POST MOUNTED SIGN
- J SIGNAL MAST ARM SIGN
- (TBRM) EXISTING SIGN TO BE REMOVED
- (TBRL) EXISTING SIGN TO BE RELOCATED
- (TRM) EXISTING SIGN TO REMAIN
- LANDING AREA TURNING SPACE
- CONCRETE SIDEWALK
- PAVERS

SIGN LEGEND

- OM1-1 TYPE 1 OBJECT MARKER (YELLOW)
- R1-1 STOP
- R3-2 LEFT TURN PROHIBITION (SYMBOL)
- R3-7(L) LEFT LANE MUST TURN LEFT
- R(NJ)3-8F LANE USE DESIGNATION (LT ONLY, THRU & RT)
- R4-7 KEEP RIGHT (SYMBOL)
- R5-1 DO NOT ENTER
- R6-1(L) ONE WAY (LEFT)
- R6-1(R) ONE WAY (RIGHT)
- R7-1(L) NO PARKING ANY TIME (LEFT ARROW)
- R9-3 NO PEDESTRIAN CROSSING (SYMBOL)
- R9-3bP(L) USE CROSSWALK WITH LEFT ARROW (PLAQUE)
- R9-3bP(R) USE CROSSWALK WITH RIGHT ARROW (PLAQUE)
- R10-11A NO TURN ON RED
- R(NJ)10-11G NO TURN ON RED
- R(NJ)10-11F 7 TO 9 AM 4 TO 7 PM MON-FRI
- R10-12 LEFT TURN YIELD ON GREEN (BALL)
- R(NJ)10-13A DELAYED GREEN
- SIGN "A" T J KASCHAK BLVD
- SIGN "B" WASHINGTON AVE
- SIGN "C" WASHINGTON AVE
- W11-2 PEDESTRIAN (SYMBOL)
- W11-8 EMERGENCY VEHICLE (SYMBOL)
- W12-2 LOW CLEARANCE (ARROW) (12'-3")
- W16-7P(L)* DOWNWARD DIAGONAL ARROW LEFT (PLAQUE)
- W16-7P(R)* DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE)

*SIGN COLOR FLUORESCENT YELLOW GREEN



COUNTY OF SOMERSET

TRAFFIC SIGNING AND STRIPING PLANS

SAFETY IMPROVEMENTS - MAIN STREET (CR 533)

BOROUGH OF MANVILLE

CONTRACT NO. 21005

URBAN ENGINEERS, INC.

CERTIFICATE OF AUTHORIZATION NO. 24GA28033900

WILLIAM P. McGARRIGEL

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04188000

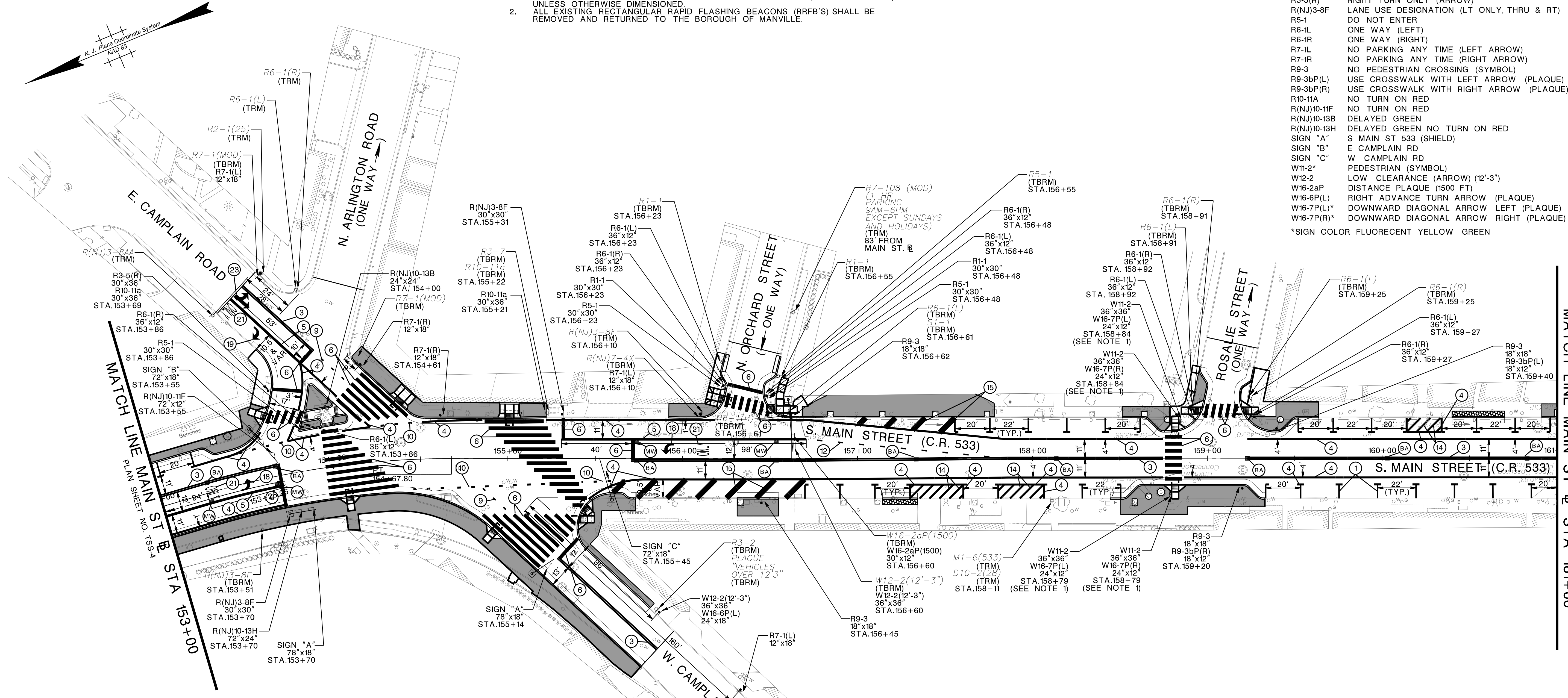
TSS-4
TSS-11

SIGN LEGEND

R1-1	STOP	30" x 30"
R3-5(R)	RIGHT TURN ONLY (ARROW)	30" x 36"
R(NJ)3-8F	LANE USE DESIGNATION (LT ONLY, THRU & RT)	30" x 30"
R5-1	DO NOT ENTER	36" x 36"
R6-1L	ONE WAY (LEFT)	36" x 12"
R6-1R	ONE WAY (RIGHT)	36" x 12"
R7-1L	NO PARKING ANY TIME (LEFT ARROW)	12" x 18"
R7-1R	NO PARKING ANY TIME (RIGHT ARROW)	12" x 18"
R9-3	NO PEDESTRIAN CROSSING (SYMBOL)	18" x 18"
R9-3bP(L)	USE CROSSWALK WITH LEFT ARROW (PLAQUE)	18" x 12"
R9-3bP(R)	USE CROSSWALK WITH RIGHT ARROW (PLAQUE)	18" x 12"
R10-11A	NO TURN ON RED	30" x 36"
R(NJ)10-11F	NO TURN ON RED	72" x 12"
R(NJ)10-13B	DELAYED GREEN	24" x 24"
R(NJ)10-13H	DELAYED GREEN NO TURN ON RED	72" x 24"
SIGN "A"	S MAIN ST 533 (SHIELD)	78" x 18"
SIGN "B"	E CAMPLAIN RD	78" x 18"
SIGN "C"	W CAMPLAIN RD	72" x 18"
W11-2*	PEDESTRIAN (SYMBOL)	36" x 36"
W12-2	LOW CLEARANCE (ARROW) (12'-3")	36" x 36"
W16-2aP	DISTANCE PLAQUE (1500 FT)	30" x 12"
W16-6P(L)	RIGHT ADVANCE TURN ARROW (PLAQUE)	24" x 12"
W16-7P(L)*	DOWNWARD DIAGONAL ARROW LEFT (PLAQUE)	24" x 12"
W16-7P(R)*	DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE)	24" x 12"

*SIGN COLOR FLUORESCENT YELLOW GREEN

GENERAL NOTES:
 1. TURN ARROW AND "ONLY" PAVEMENT MARKING SYMBOL SPACING DIMENSIONS SHALL CONFORM TO SOMERSET COUNTY DETAIL TC-4 MOD (SEE SHEET TSS-9) UNLESS OTHERWISE DIMENSIONED.
 2. ALL EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB'S) SHALL BE REMOVED AND RETURNED TO THE BOROUGH OF MANVILLE.



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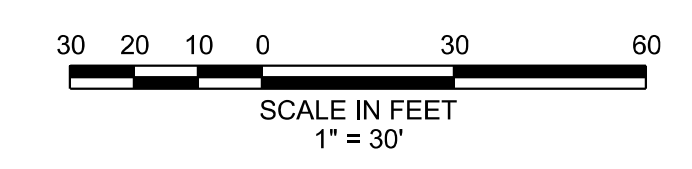
① 4" SOLID WHITE LINE	⑭ 6" SOLID WHITE LINES SPACED 4' C TO C @ 45°	■ RAISED PAVEMENT MARKER
② 4" SOLID YELLOW LINE	⑮ 24" SOLID WHITE LINES SPACED 12' C TO C @ 45°	Ⓜ RPM, MONO-DIRECTIONAL, WHITE LENS
③ 4" SOLID DOUBLE YELLOW LINE, 6" SPACING	⑯ 12" SOLID YELLOW LINES SPACED 6' C TO C @ 45°	ⓂA RPM, MONO-DIRECTIONAL, AMBER LENS
④ 6" SOLID WHITE LINE	⑰ 24" SOLID YELLOW LINES SPACED 12' C TO C @ 45°	ⓂA RPM, BI-DIRECTIONAL, AMBER LENS
⑤ 8" SOLID WHITE LINE	⑱ TRAFFIC MARKINGS, LEFT ARROW	4 EXISTING POST MOUNTED SIGN
⑥ 24" SOLID WHITE LINE	⑲ TRAFFIC MARKINGS, RIGHT ARROW	4 PROPOSED POST MOUNTED SIGN
⑦ 4" DASHED WHITE LINES, 10' LINE w/ 30' GAP	⑳ TRAFFIC MARKINGS, THROUGH ARROW	J SIGNAL MAST ARM SIGN
⑧ 4" DASHED YELLOW LINES, 10' LINE w/ 30' GAP	㉑ TRAFFIC MARKINGS, ONLY	(TBRM) EXISTING SIGN TO BE REMOVED
⑨ 4" DOTTED YELLOW LINES, 2' LINE w/ 6' GAP	㉒ TRAFFIC MARKINGS, THROUGH & RIGHT ARROW	(TBRL) EXISTING SIGN TO BE RELOCATED
⑩ 6" DOTTED WHITE LINES, 2' LINE w/ 6' GAP	㉓ TRAFFIC MARKINGS, WHITE THROUGH & LEFT ARROW	(TRM) EXISTING SIGN TO REMAIN
⑪ 8" DOTTED WHITE LINES, 2' LINE w/ 6' GAP	㉔ TRAFFIC MARKINGS, YIELD	□ LANDING AREA TURNING SPACE
⑫ 4" DOTTED WHITE LINES, 3' LINE w/ 9' GAP	㉕ TRAFFIC MARKINGS, LOW BRIDGE AHEAD	□ CONCRETE SIDEWALK
⑬ 8" DOTTED WHITE LINES, 3' LINE w/ 9' GAP		■ PAVERS

TO BE CONSTRUCTED

SEQ	ITEM	UNIT	QUANTITY
75	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE	LF	1,628
78	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE	LF	1,727
81	TRAFFIC STRIPES, THERMOPLASTIC, 8" WIDE	LF	265
85	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE	LF	1,395
86	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT ARROW	UNIT	2
87	TRAFFIC MARKINGS, THERMOPLASTIC, RIGHT ARROW	UNIT	1
89	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT/THRU ARROW	UNIT	1
91	TRAFFIC MARKINGS, THERMOPLASTIC, ONLY	UNIT	3
96	RPM, MONO-DIRECTIONAL, WHITE LENS	UNIT	4
98	RPM, BI-DIRECTIONAL, AMBER LENS	UNIT	9
102	SIGN, 12" x 18"	UNIT	5
103	SIGN, 18" x 12"	UNIT	2
104	SIGN, 18" x 18"	UNIT	4
106	SIGN, 24" x 12"	UNIT	1
107	SIGN, 24" x 18"	UNIT	1
108	SIGN, 24" x 24"	UNIT	1
111	SIGN, 30" x 12"	UNIT	1
112	SIGN, 30" x 30"	UNIT	7
113	SIGN, 30" x 36"	UNIT	3
114	SIGN, 36" x 12"	UNIT	10
115	SIGN, 36" x 36"	UNIT	2
125	SIGN, 72" x 12"	UNIT	1
126	SIGN, 72" x 18"	UNIT	2
127	SIGN, 78" x 18"	UNIT	2
128	SIGN, 72" x 24"	UNIT	1

NOTES:

1. SIGN WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER "RECTANGULAR RAPID FLASHING BEACON ASSEMBLY" PAY ITEM. SEE SHEET RRFB-3.



COUNTY OF SOMERSET

TRAFFIC SIGNING AND STRIPING PLANS

SAFETY IMPROVEMENTS - MAIN STREET (CR 533)

BOROUGH OF MANVILLE

CONTRACT NO. 21005

URBAN ENGINEERS, INC.
 CERTIFICATE OF AUTHORIZATION NO. 24GA28033900

WILLIAM P. McGARRIGEL
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04188000

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NOTES:

- PROPOSED STRIPING ON CONCRETE BRIDGE DECK TO INCLUDE BLACK BORDER. CONCRETE DECK STRIPING TO BE LONG LIFE EPOXY. SEE DETAIL TC-4 ON SHEET TSS-9.
- PROPOSED STRIPING ON CONCRETE BRIDGE DECK TO BE PAINTED OVER EXISTING; NO GRINDING.
- EXISTING SHOULDER LINE TO BE REMOVED WITH GRINDING.

SIGN LEGEND

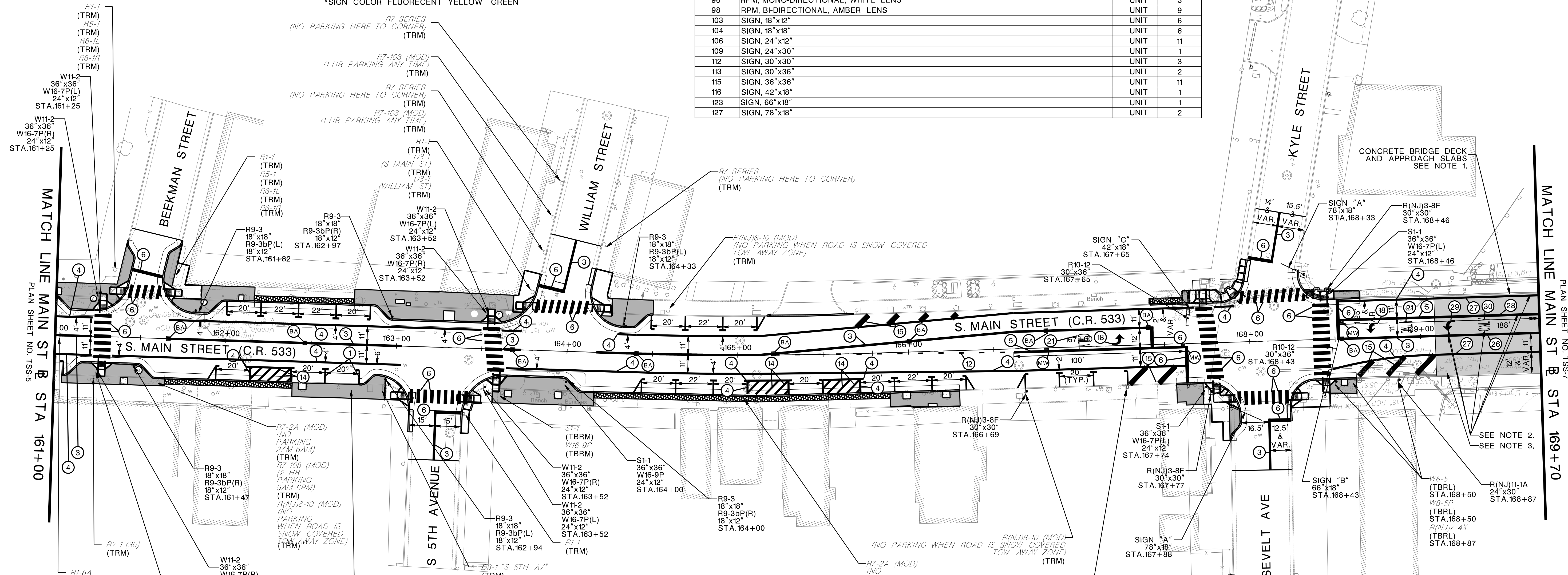
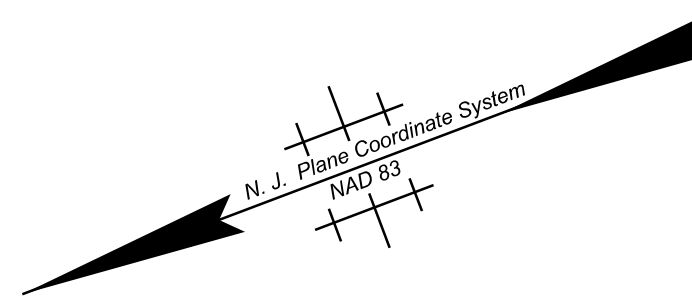
R(NJ)3-8F	LANE USE DESIGNATION (LT ONLY, THRU & RT)	30" X 30"
R9-3	NO PEDESTRIAN CROSSING (SYMBOL)	18" X 18"
R9-3bP(L)	USE CROSSWALK WITH LEFT ARROW (PLAQUE)	18" X 12"
R9-3bP(R)	USE CROSSWALK WITH RIGHT ARROW (PLAQUE)	18" X 12"
R(NJ)11-1A	KEEP OFF SHOULDER	24" X 30"
S1-1*	SCHOOL CROSSING	36" X 36"
SIGN "A"	S MAIN ST 533 (SHIELD)	78" X 18"
SIGN "B"	ROOSEVELT AVE	66" X 18"
SIGN "C"	KYLE ST	42" X 18"
W11-2*	PEDESTRIAN (SYMBOL)	36" X 36"
W16-7P(L)*	DOWNWARD DIAGONAL ARROW LEFT (PLAQUE)	24" X 12"
W16-7P(R)*	DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE)	24" X 12"
W16-9P*	AHEAD (PLAQUE)	24" X 12"

*SIGN COLOR FLUORESCENT YELLOW GREEN

TO BE CONSTRUCTED

SEQ	ITEM	UNIT	QUANTITY
75	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE	LF	1,619
76	TRAFFIC STRIPES, EPOXY, 4" WIDE	LF	124
77	TRAFFIC STRIPES, BLACK EPOXY CONTRAST, 9" WIDE	LF	123
78	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE	LF	1,277
79	TRAFFIC STRIPES, EPOXY, 6" WIDE	LF	123
80	TRAFFIC STRIPES, BLACK EPOXY CONTRAST, 11" WIDE	LF	62
81	TRAFFIC STRIPES, THERMOPLASTIC, 8" WIDE	LF	160
82	TRAFFIC STRIPES, EPOXY, 8" WIDE	LF	62
83	TRAFFIC STRIPES, BLACK EPOXY CONTRAST, 17" WIDE	LF	62
85	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE	LF	1,075
86	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT ARROW	UNIT	2
91	TRAFFIC MARKINGS, THERMOPLASTIC, ONLY	UNIT	2
94	TRAFFIC MARKINGS, EPOXY RESIN, LONG-LIFE, ONLY	UNIT	1
95	TRAFFIC MARKINGS WITH BLACK CONTRAST, EPOXY RESIN, LONG-LIFE, LEFT ARROW	UNIT	1
96	RPM, MONO-DIRECTIONAL, WHITE LENS	UNIT	3
98	RPM, BI-DIRECTIONAL, AMBER LENS	UNIT	9
103	SIGN, 18" X 12"	UNIT	6
104	SIGN, 18" X 18"	UNIT	6
106	SIGN, 24" X 12"	UNIT	11
109	SIGN, 24" X 30"	UNIT	1
112	SIGN, 30" X 30"	UNIT	3
113	SIGN, 30" X 36"	UNIT	2
115	SIGN, 36" X 36"	UNIT	11
116	SIGN, 42" X 18"	UNIT	1
123	SIGN, 66" X 18"	UNIT	1
127	SIGN, 78" X 18"	UNIT	2

- GENERAL NOTES:
- TURN ARROW AND "ONLY" PAVEMENT MARKING SYMBOL SPACING DIMENSIONS SHALL CONFORM TO SOMERSET COUNTY DETAIL TC-4 MOD (SEE SHEET TSS-9) UNLESS OTHERWISE DIMENSIONED.
 - ALL EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB'S) SHALL BE REMOVED AND RETURNED TO THE BOROUGH OF MANVILLE.



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LEGEND

- | | | |
|---|--|--------------------------------------|
| ① 4" SOLID WHITE LINE | ⑭ 6" SOLID WHITE LINES SPACED 4' C TO C @ 45° | ■ RAISED PAVEMENT MARKER |
| ② 4" SOLID YELLOW LINE | ⑮ 24" SOLID WHITE LINES SPACED 12' C TO C @ 45° | Ⓜ RPM, MONO-DIRECTIONAL, WHITE LENS |
| ③ 4" SOLID DOUBLE YELLOW LINE, 6" SPACING | ⑯ 12" SOLID YELLOW LINES SPACED 6' C TO C @ 45° | Ⓜ RPM, MONO-DIRECTIONAL, AMBER LENS |
| ④ 6" SOLID WHITE LINE | ⑰ 24" SOLID YELLOW LINES SPACED 12' C TO C @ 45° | Ⓜ RPM, BI-DIRECTIONAL, AMBER LENS |
| ⑤ 8" SOLID WHITE LINE | ⑱ TRAFFIC MARKINGS, LEFT ARROW | 4 EXISTING POST MOUNTED SIGN |
| ⑥ 24" SOLID WHITE LINE | ⑲ TRAFFIC MARKINGS, RIGHT ARROW | 4 PROPOSED POST MOUNTED SIGN |
| ⑦ 4" DASHED WHITE LINES, 10' LINE w/ 30' GAP | ⑳ TRAFFIC MARKINGS, THROUGH ARROW | 1 SIGNAL MAST ARM SIGN |
| ⑧ 4" DASHED YELLOW LINES, 10' LINE w/ 30' GAP | ㉑ TRAFFIC MARKINGS, ONLY | (TBRM) EXISTING SIGN TO BE REMOVED |
| ⑨ 4" DOTTED YELLOW LINES, 2' LINE w/ 6' GAP | ㉒ TRAFFIC MARKINGS, THROUGH & RIGHT ARROW | (TBRL) EXISTING SIGN TO BE RELOCATED |
| ⑩ 6" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉓ TRAFFIC MARKINGS, WHITE THROUGH & LEFT ARROW | (TRM) EXISTING SIGN TO REMAIN |
| ⑪ 8" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉔ TRAFFIC MARKINGS, YIELD | □ LANDING AREA TURNING SPACE |
| ⑫ 4" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | ㉕ TRAFFIC MARKINGS, LOW BRIDGE AHEAD | □ CONCRETE SIDEWALK |
| ⑬ 8" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | | ■ PAVERS |



COUNTY OF SOMERSET

TRAFFIC SIGNING AND STRIPING PLANS

SAFETY IMPROVEMENTS - MAIN STREET (CR 533)

BOROUGH OF MANVILLE

CONTRACT NO. 21005

URBAN ENGINEERS, INC.
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WILLIAM P. McGARRIGEL
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04188000

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BOROUGH OF MANVILLE

COUNTY OF SOMERSET

STATE	FEDERAL PROJECT NO.
N.J.	HSIP-533(301)

TO BE CONSTRUCTED

SEQ	ITEM	UNIT	QUANTITY
75	TRAFFIC STRIPES, THERMOPLASTIC, 4" WIDE	LF	3,046
76	TRAFFIC STRIPES, EPOXY RESIN, 4" WIDE	LF	144
77	TRAFFIC STRIPES, BLACK EPOXY CONTRAST, 9" WIDE	LF	144
78	TRAFFIC STRIPES, THERMOPLASTIC, 6" WIDE	LF	2,457
79	TRAFFIC STRIPES, EPOXY RESIN, 6" WIDE	LF	144
80	TRAFFIC STRIPES, BLACK EPOXY CONTRAST, 11" WIDE	LF	72
81	TRAFFIC STRIPES, THERMOPLASTIC, 8" WIDE	LF	576
82	TRAFFIC STRIPES, EPOXY RESIN, 8" WIDE	LF	72
83	TRAFFIC STRIPES, BLACK EPOXY CONTRAST, 17" WIDE	LF	72
85	TRAFFIC STRIPES, THERMOPLASTIC, 24" WIDE	LF	874
86	TRAFFIC MARKINGS, THERMOPLASTIC, LEFT ARROW	UNIT	5
87	TRAFFIC MARKINGS, THERMOPLASTIC, RIGHT ARROW	UNIT	3
88	TRAFFIC MARKINGS, THERMOPLASTIC, STRAIGHT ARROW	UNIT	8
91	TRAFFIC MARKINGS, THERMOPLASTIC, ONLY	UNIT	12
94	TRAFFIC MARKINGS WITH BLACK CONTRAST, EPOXY RESIN, LONG-LIFE, ONLY	UNIT	1
95	TRAFFIC MARKINGS WITH BLACK CONTRAST, EPOXY RESIN, LONG-LIFE, LEFT ARROW	UNIT	1
96	RPM, MONO-DIRECTIONAL, WHITE LENS	UNIT	14
97	RPM, MONO-DIRECTIONAL, AMBER LENS	UNIT	28
102	SIGN, 12"x18"	UNIT	2
103	SIGN, 18"x12"	UNIT	2
104	SIGN, 18"x18"	UNIT	5
105	SIGN, 18"x24"	UNIT	1

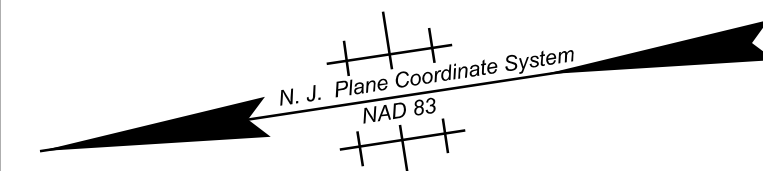
TO BE CONSTRUCTED (CONT.)

SEQ	ITEM	UNIT	QUANTITY
106	SIGN, 24"x12"	UNIT	7
108	SIGN, 24"x24"	UNIT	2
109	SIGN, 24"x30"	UNIT	7
110	SIGN, 24"x36"	UNIT	4
111	SIGN, 30"x12"	UNIT	6
112	SIGN, 30"x30"	UNIT	3
115	SIGN, 36"x36"	UNIT	15
116	SIGN, 42"x18"	UNIT	1
118	SIGN, 54"x18"	UNIT	4
119	SIGN, 60"x12"	UNIT	2
120	SIGN, 60"x18"	UNIT	3
121	SIGN, 60"x24"	UNIT	2
122	SIGN, 60"x30"	UNIT	1
127	SIGN, 78"x18"	UNIT	2

SIGN LEGEND

D3-1	JFK BLVD W/ 45° ARROW	60" x 18"
D3-1	JFK BLVD W/ 90° ARROW	60" x 18"
D3-2	JFK BLVD NEXT RIGHT	60" x 30"
OM-1	TYPE 1 OBJECT MARKER (YELLOW)	18" x 18"
R1-2	YIELD	36" x 36" x 36"
R3-3	NO TURNS	24" x 24"
R(NJ)3-3	NO TURNS	60" x 12"
R(NJ)3-5(L)	LEFT TURN ONLY	24" x 30"
R3-7(R)	RIGHT LANE MUST TURN RIGHT	36" x 36"
R(NJ)3-8F	LANE USE DESIGNATION (LT ONLY, THRU & RT)	30" x 30"
R(NJ)3-8I	LANE USE DESIGNATION (LT ONLY, THRU ONLY)	30" x 30"
R(NJ)3-8Z	AHEAD	30" x 12"
R3-9b	TWO-WAY LEFT TURN ONLY	24" x 36"
R3-9cP	BEGIN (PLAQUE)	30" x 12"
R3-9dP	END (PLAQUE)	30" x 12"
R3-24A	U AND LEFT TURNS (WITH UP ARROW)	60" x 24"
R3-26	U AND LEFT TURNS (WITH UP ARROW LEFT SIDE)	60" x 24"
R4-7	KEEP RIGHT (SYMBOL)	24" x 30"
R(NJ)4-7B	THRU TRAFFIC KEEP LEFT	24" x 30"
R5-1	DO NOT ENTER	36" x 36"
R6-1L	ONE WAY (LEFT)	54" x 18"
R6-1R	ONE WAY (RIGHT)	54" x 18"
R(NJ)7-4X	NO STOPPING OR STANDING	12" x 18"
R9-3	NO PEDESTRIAN CROSSING (SYMBOL)	18" x 18"
R9-3bP(L)	USE CROSSWALK WITH LEFT ARROW (PLAQUE)	18" x 12"
R9-3bP(R)	USE CROSSWALK WITH RIGHT ARROW (PLAQUE)	18" x 12"
R10-15(MOD)	TURNING VEHICLES STOP FOR PEDESTRIANS (SYMBOL)	30" x 30"
R(NJ)11-1A	KEEP OFF SHOULDER	24" x 30"
S1-1*	SCHOOL CROSSING	36" x 36"
SIGN "A"	S MAIN ST 533 (SHIELD)	78" x 18"
SIGN "B"	JFK BLVD	42" x 18"
W1-8(R)	CHEVRON ALIGNMENT	18" x 24"
W4-3	ADDED LANE (RIGHT)	36" x 36"
W11-2*	PEDESTRIAN (SYMBOL)	36" x 36"
W16-7P(L)*	DOWNWARD DIAGONAL ARROW LEFT (PLAQUE)	24" x 12"
W16-7P(R)*	DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE)	24" x 12"
W16-9P*	AHEAD (PLAQUE)	24" x 12"

*SIGN COLOR FLUORESCENT YELLOW GREEN



SEE NOTE 2.
MATCH LINE MAIN ST B STA 169+70
PLAN SHEET NO. TSS-6

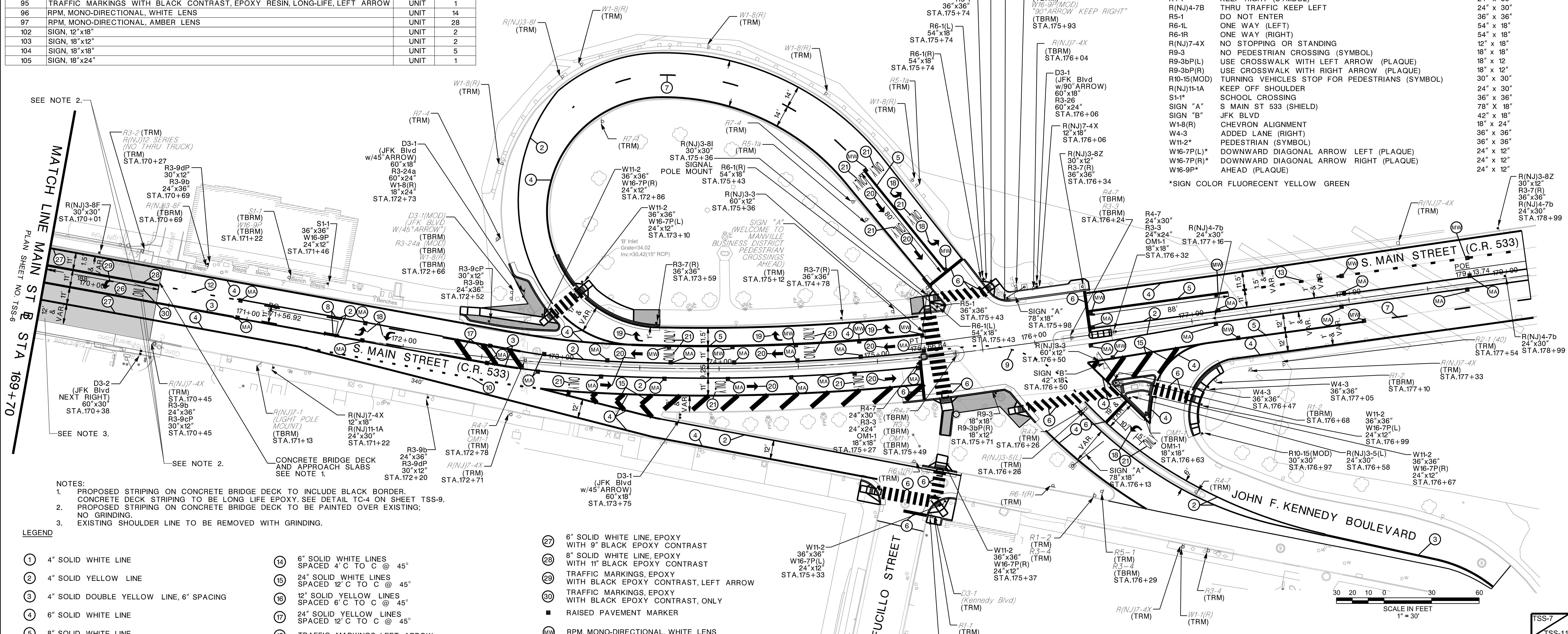
- NOTES:
1. PROPOSED STRIPING ON CONCRETE BRIDGE DECK TO INCLUDE BLACK BORDER. CONCRETE DECK STRIPING TO BE LONG LIFE EPOXY. SEE DETAIL TC-4 ON SHEET TSS-9.
2. PROPOSED STRIPING ON CONCRETE BRIDGE DECK TO BE PAINTED OVER EXISTING; NO GRINDING.
3. EXISTING SHOULDER LINE TO BE REMOVED WITH GRINDING.

LEGEND

- | | |
|---|--|
| ① 4" SOLID WHITE LINE | ⑭ 6" SOLID WHITE LINES SPACED 4' C TO C @ 45° |
| ② 4" SOLID YELLOW LINE | ⑮ 24" SOLID WHITE LINES SPACED 12' C TO C @ 45° |
| ③ 4" SOLID DOUBLE YELLOW LINE, 6" SPACING | ⑯ 12" SOLID YELLOW LINES SPACED 6' C TO C @ 45° |
| ④ 6" SOLID WHITE LINE | ⑰ 24" SOLID YELLOW LINES SPACED 12' C TO C @ 45° |
| ⑤ 8" SOLID WHITE LINE | ⑱ TRAFFIC MARKINGS, LEFT ARROW |
| ⑥ 24" SOLID WHITE LINE | ⑲ TRAFFIC MARKINGS, RIGHT ARROW |
| ⑦ 4" DASHED WHITE LINES, 10' LINE w/ 30' GAP | ⑳ TRAFFIC MARKINGS, THROUGH ARROW |
| ⑧ 4" DASHED YELLOW LINES, 10' LINE w/ 30' GAP | ㉑ TRAFFIC MARKINGS, ONLY |
| ⑨ 4" DOTTED YELLOW LINES, 2' LINE w/ 6' GAP | ㉒ TRAFFIC MARKINGS, THROUGH & RIGHT ARROW |
| ⑩ 6" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉓ TRAFFIC MARKINGS, WHITE THROUGH & LEFT ARROW |
| ⑪ 8" DOTTED WHITE LINES, 2' LINE w/ 6' GAP | ㉔ TRAFFIC MARKINGS, YIELD |
| ⑫ 4" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | ㉕ TRAFFIC MARKINGS, LOW BRIDGE AHEAD |
| ⑬ 8" DOTTED WHITE LINES, 3' LINE w/ 9' GAP | ㉖ 4" SOLID DOUBLE YELLOW LINE, 6" SPACING, EPOXY WITH 17" BLACK EPOXY CONTRAST |

- | | |
|---|-------------------------------------|
| ⑳ 6" SOLID WHITE LINE, EPOXY WITH 9" BLACK EPOXY CONTRAST | ㉗ RPM, MONO-DIRECTIONAL, WHITE LENS |
| ㉑ 8" SOLID WHITE LINE, EPOXY WITH 11" BLACK EPOXY CONTRAST | ㉘ RPM, MONO-DIRECTIONAL, AMBER LENS |
| ㉒ TRAFFIC MARKINGS, EPOXY WITH BLACK EPOXY CONTRAST, LEFT ARROW | ㉙ RPM, BI-DIRECTIONAL, AMBER LENS |
| ㉓ TRAFFIC MARKINGS, EPOXY WITH BLACK EPOXY CONTRAST, ONLY | ㉚ EXISTING POST MOUNTED SIGN |
| ■ RAISED PAVEMENT MARKER | ㉛ PROPOSED POST MOUNTED SIGN |
| ㉜ (TBRM) EXISTING SIGN TO BE REMOVED | ㉜ SIGNAL MAST ARM SIGN |
| ㉝ (TBRM) EXISTING SIGN TO BE RELOCATED | |
| ㉞ (TRM) EXISTING SIGN TO REMAIN | |
| ㉟ LANDING AREA TURNING SPACE | |

GENERAL NOTES:
1. TURN ARROW AND "ONLY" PAVEMENT MARKING SYMBOL SPACING DIMENSIONS SHALL CONFORM TO SOMERSET COUNTY DETAIL TC-4 MOD (SEE SHEET TSS-9) UNLESS OTHERWISE DIMENSIONED.
2. ALL EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB'S) SHALL BE REMOVED AND RETURNED TO THE BOROUGH OF MANVILLE.



COUNTY OF SOMERSET

TRAFFIC SIGNING AND STRIPING PLANS

SAFETY IMPROVEMENTS - MAIN STREET (CR 533)

BOROUGH OF MANVILLE

CONTRACT NO. 21005

URBAN ENGINEERS, INC.
CERTIFICATE OF AUTHORIZATION NO. 24GA28033900

WILLIAM P. McGARRIGEL
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE04188000

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BOROUGH OF MANVILLE

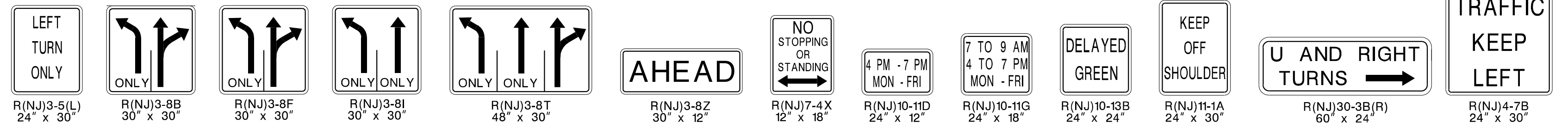
COUNTY OF SOMERSET

STATE	FEDERAL PROJECT NO.
N.J.	HSIP-533(301)

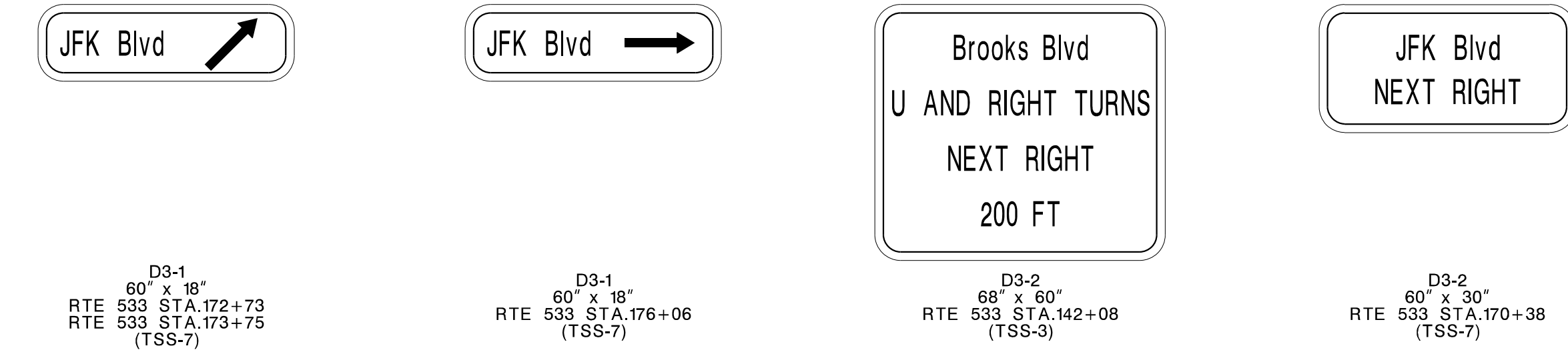
MAST ARM SIGNS

IDENT. NO./ SHEET NO.	STATION/ INTERSECTION	LEGEND	UC	LC	CAPS	NO. SIZE	SHIELD SIZE	ARROW SIZE, IN x IN	VERTICAL SPACE IN INCHES	SIZE (INCLUDES BORDER)	DESCRIPTION
SIGN "A" TSS-1 TSS-3 TSS-3	RTE 533 STA.125+12 STA.137+32 STA.137+80	N Main St 533	8"C 5"C	6"C 3.75"C	-	-	20" x 16"	-	5" 5" 1" 8" 5" 16" 1"	6.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "B" TSS-1	RTE 533 STA.125+46	Dukes Pkwy E 608	8"C 5"C	6"C 3.75"C	-	-	20" x 16"	-	5" 5" 1" 8" 5" 16" 1"	8.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "B" TSS-3	RTE 533 STA.138+01	Brooks Blvd	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	5.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "A" TSS-4 TSS-5 TSS-6 TSS-7	RTE 533 STA.148+08 STA.153+70 STA.155+14 STA.167+88 STA.168+33 STA.175+98 STA.176+13	S Main St 533	8"C 5"C	6"C 3.75"C	-	-	20" x 16"	-	5" 5" 1" 8" 5" 16" 1"	6.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND, DOUBLE SIDED ALL LOCATIONS EXCEPT STA.153+70 (SINGLE SIDED)
SIGN "B" TSS-4	RTE 533 STA.147+97	T J Kaschak Blvd	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	6.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "C" TSS-4	RTE 533 STA.149+19	Washington Ave	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	6' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "B" TSS-5	RTE 533 STA.153+55	E Camplain Rd	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	6' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "C" TSS-5	RTE 533 STA.155+45	W Camplain Rd	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	6' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "B" TSS-6	RTE 533 STA.167+65	Kyle St	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	3.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "C" TSS-6	RTE 533 STA.168+43	Roosevelt Ave	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	5.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
SIGN "B" TSS-7	RTE 533 STA.176+50	JFK Blvd	8"C 5"C	6"C 3.75"C	-	-	-	-	5" 5" 5" 8" 5" 8"	3.5' x 1.5' 1" BORDER 3" RADIUS	WHITE TEXT ON GREEN BACKGROUND DOUBLE SIDED
R(NJ)3-1A TSS-3	RTE 533 STA.137+05	NO RIGHT TURN	-	-	6"C	-	-	-	3" 6" 3"	5' x 1' 1" BORDER 3" RADIUS	BLACK TEXT ON WHITE BACKGROUND
R(NJ)3-3 TSS-7 TSS-7	RTE 533 STA.175+35 STA.176+50	NO TURNS	-	-	6"C	-	-	-	3" 6" 3"	5' x 1' 1" BORDER 3" RADIUS	BLACK TEXT ON WHITE BACKGROUND
R(NJ)10-11F TSS-1 TSS-4 TSS-5	RTE 533 STA.124+34 STA.148+08 STA.153+55	NO TURN ON RED	-	-	6"C	-	-	-	3" 6" 3"	6' x 1' 1" BORDER 3" RADIUS	BLACK TEXT ON WHITE BACKGROUND
R(NJ)10-13A TSS-1 TSS-3 TSS-6	RTE 533 STA.124+34 STA.125+12 STA.147+97 STA.168+43	DELAYED GREEN	-	-	6"C	-	-	-	3" 6" 3"	5' x 1' 1" BORDER 3" RADIUS	BLACK TEXT ON WHITE BACKGROUND
R(NJ)10-13H TSS-5	RTE 533 STA.153+70	DELAYED GREEN NO TURN ON RED	-	-	6"C	-	-	-	3" 6" 2.5" 1" 2.5" 6" 3"	6' x 2' 1" BORDER 3" RADIUS	BLACK TEXT ON WHITE BACKGROUND

NEW JERSEY SIGNS



DESTINATION SIGN



SIGN LEGEND

D3-1	JFK BLVD W/ 45° ARROW	60" x 18"
D3-1	JFK BLVD W/ 90° ARROW	60" x 18"
D3-2	JFK BLVD NEXT RIGHT	60" x 30"
D3-2	BROOKS BLVD U AND RIGHT TURNS NEXT RIGHT 200 FEET	68" x 60"
M1-6	COUNTY ROUTE (533)	24" x 24"
M3-3	SOUTH	24" x 12"
OM-1	TYPE 1 OBJECT MARKER (YELLOW)	18" x 18"
R1-1	STOP	30" x 30"
R1-1	STOP	36" x 36"
R1-2	YIELD	36" x 36" x 36"
R2-1	SPEED LIMIT (25)	24" x 30"
R2-1	SPEED LIMIT (35)	24" x 30"
R3-2	LEFT TURN PROHIBITION (SYMBOL)	24" x 24"
R3-3	NO TURNS	24" x 24"
R(NJ)3-3	NO TURNS	60" x 12"
R3-5(R)	RIGHT TURN ONLY (ARROW)	30" x 36"
R(NJ)3-5(L)	LEFT TURN ONLY	24" x 30"
R3-7(L)	LEFT LANE MUST TURN LEFT	30" x 30"
R3-7(R)	RIGHT LANE MUST TURN RIGHT	36" x 36"
R3-8B	LANE USE DESIGNATION (LT ONLY, RT ONLY)	48" x 30"
R(NJ)3-8F	LANE USE DESIGNATION (LT ONLY, THRU & RT)	30" x 30"
R(NJ)3-8I	LANE USE DESIGNATION (LT ONLY, THRU ONLY)	30" x 30"
R(NJ)3-8T	LANE USE DESIGNATION (LT ONLY, THRU ONLY, THRU & RT)	48" x 30"
R(NJ)3-8Z	AHEAD	30" x 12"
R3-9b	TWO-WAY LEFT TURN ONLY	24" x 36"
R3-9cP	BEGIN (PLAQUE)	30" x 12"
R3-9dP	END (PLAQUE)	30" x 12"
R3-24A	U AND LEFT TURNS (WITH UP ARROW)	60" x 24"
R3-26	U AND LEFT TURNS (WITH UP ARROW LEFT SIDE)	60" x 24"
R4-7	KEEP RIGHT (SYMBOL)	24" x 30"
R(NJ)4-7B	THRU TRAFFIC KEEP LEFT	24" x 30"
R5-1	DO NOT ENTER	36" x 36"
R6-1L	ONE WAY (LEFT)	36" x 12"
R6-1R	ONE WAY (RIGHT)	36" x 12"
R6-1L	ONE WAY (LEFT)	54" x 18"
R6-1R	ONE WAY (RIGHT)	54" x 18"
R7-1L	NO PARKING ANY TIME (LEFT ARROW)	12" x 18"
R7-1R	NO PARKING ANY TIME (RIGHT ARROW)	12" x 18"
R(NJ)7-4X	NO STOPPING OR STANDING	12" x 18"
R9-3	NO PEDESTRIAN CROSSING (SYMBOL)	18" x 18"
R9-3bP(L)	USE CROSSWALK WITH LEFT ARROW (PLAQUE)	18" x 12"
R9-3bP(R)	USE CROSSWALK WITH RIGHT ARROW (PLAQUE)	18" x 12"
R10-5	LEFT ON GREEN ARROW ONLY	30" x 36"
R10-6	STOP HERE ON RED (STRAIGHT ARROW)	24" x 36"
R10-7	DO NOT BLOCK INTERSECTION	24" x 30"
R10-11A	NO TURN ON RED	30" x 36"
R(NJ)10-11D	4 PM - 7 PM MON-FRI	24" x 12"
R(NJ)10-11F	NO TURN ON RED	72" x 12"
R(NJ)10-11G	7 TO 9 AM 4 TO 7 PM MON-FRI	24" x 18"
R10-12	LEFT TURN YIELD ON GREEN (BALL)	30" x 36"
R(NJ)10-13A	DELAYED GREEN	60" x 12"
R(NJ)10-13B	DELAYED GREEN	24" x 24"
R(NJ)10-13H	DELAYED GREEN NO TURN ON RED	72" x 24"
R(NJ)11-1A	KEEP OFF SHOULDER	24" x 30"
R(NJ)30-3B(R)	U AND TIGHT TURNS (RIGHT ARROW)	60" x 24"
S1-1*	SCHOOL CROSSING	36" x 36"
W1-8(R)	CHEVRON ALIGNMENT	18" x 24"
W4-3	ADDED LANE (RIGHT)	36" x 36"
W11-2*	PEDESTRIAN (SYMBOL)	36" x 36"
W12-2	LOW CLEARANCE (ARROW) (12'-3")	36" x 36"
W16-2aP	DISTANCE PLAQUE (2400 FT)	30" x 12"
W16-5P(L)	SUPPLEMENTAL ARROW (PLAQUE) (LEFT)	24" x 18"
W16-5P(R)	SUPPLEMENTAL ARROW (PLAQUE) (RIGHT)	24" x 18"
W16-6P(L)	RIGHT ADVANCE TURN ARROW (PLAQUE)	24" x 12"
W16-6P(R)	RIGHT ADVANCE TURN ARROW (PLAQUE)	24" x 18"
W16-7P(L)*	DOWNWARD DIAGONAL ARROW LEFT (PLAQUE)	24" x 12"
W16-7P(R)*	DOWNWARD DIAGONAL ARROW RIGHT (PLAQUE)	24" x 12"
W16-9P*	AHEAD (PLAQUE)	24" x 12"

*SIGN COLOR FLUORESCENT YELLOW GREEN

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COUNTY OF SOMERSET

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TSS-8
TSS-11