

PAY ITEM	TO BE CONSTRUCTED	CONTRACT QUANTITY	UNITS
14	HMA MILLING, 3" OR LESS	6,680	SY
15	TACK COAT	670	GAL
16	HOT MIX ASPHALT 12.5 M 64 SURFACE COURSE	805	T
19	RESET EXISTING CASTING	33	U
20	RECONSTRUCTED INLET, TYPE B, USING NEW CASTING	2	U
27	CONCRETE SIDEWALK, 4" THICK	95	SY
28	CONCRETE SIDEWALK REINFORCED, 6" THICK	145	SY
29	DETECTABLE WARNING SURFACE	13	SY
30	9" X 18" CONCRETE VERTICAL CURB	290	LF
32	TRAFFIC STRIPES, 4"	5,650	LF
33	TRAFFIC STRIPES, 8"	1,685	LF
34	TRAFFIC MARKINGS	125	SF
35	TRAFFIC MARKING LINES, 12"	650	LF
36	TRAFFIC MARKING LINES, 24"	365	LF

No.	Date	Revision	Revised By	Checked By



MICHAEL J. DROBNY, PE
 LICENSED PROFESSIONAL ENGINEER, N.J. LIC. 24GE046178

SCOTLAND ROAD MILL AND OVERLAY PLAN FOR ROADWAY IMPROVEMENTS IN ESSEX COUNTY
 VILLAGE OF SOUTH ORANGE
 ESSEX COUNTY, NEW JERSEY

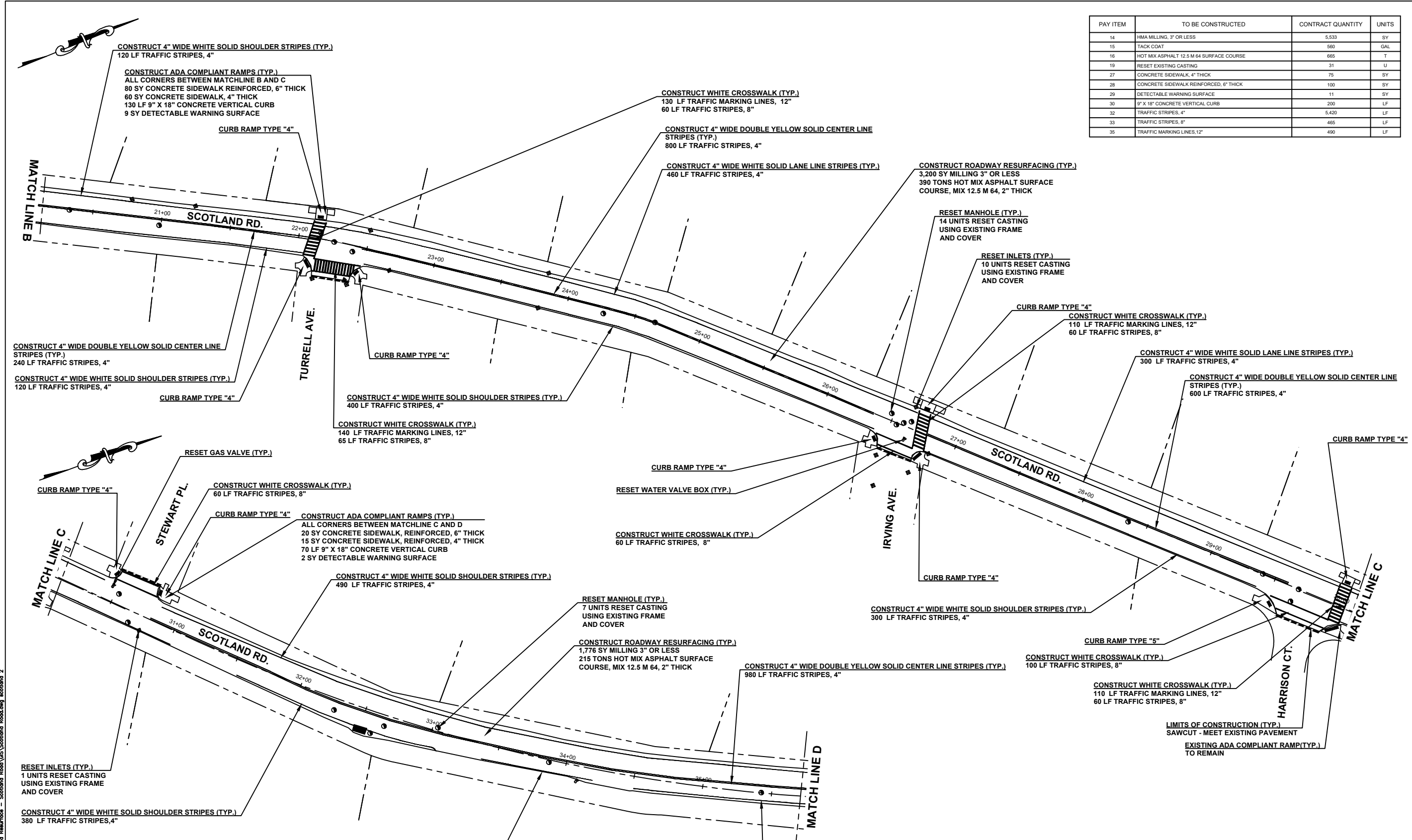
DATE: 05-26-2020
 DESIGNED BY: MP
 DRAWN BY: MP

SCALE: 1" = 30'
 FIELD BOOK

PROJECT NUMBER: 16003.001
 SHEET: 59 OF 81

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PAY ITEM	TO BE CONSTRUCTED	CONTRACT QUANTITY	UNITS
14	HMA MILLING, 3" OR LESS	5,533	SY
15	TACK COAT	560	GAL
16	HOT MIX ASPHALT 12.5 M 64 SURFACE COURSE	665	T
19	RESET EXISTING CASTING	31	U
27	CONCRETE SIDEWALK, 4" THICK	75	SY
28	CONCRETE SIDEWALK REINFORCED, 6" THICK	100	SY
29	DETECTABLE WARNING SURFACE	11	SY
30	9" X 18" CONCRETE VERTICAL CURB	200	LF
32	TRAFFIC STRIPES, 4"	5,420	LF
33	TRAFFIC STRIPES, 8"	465	LF
35	TRAFFIC MARKING LINES, 12"	490	LF



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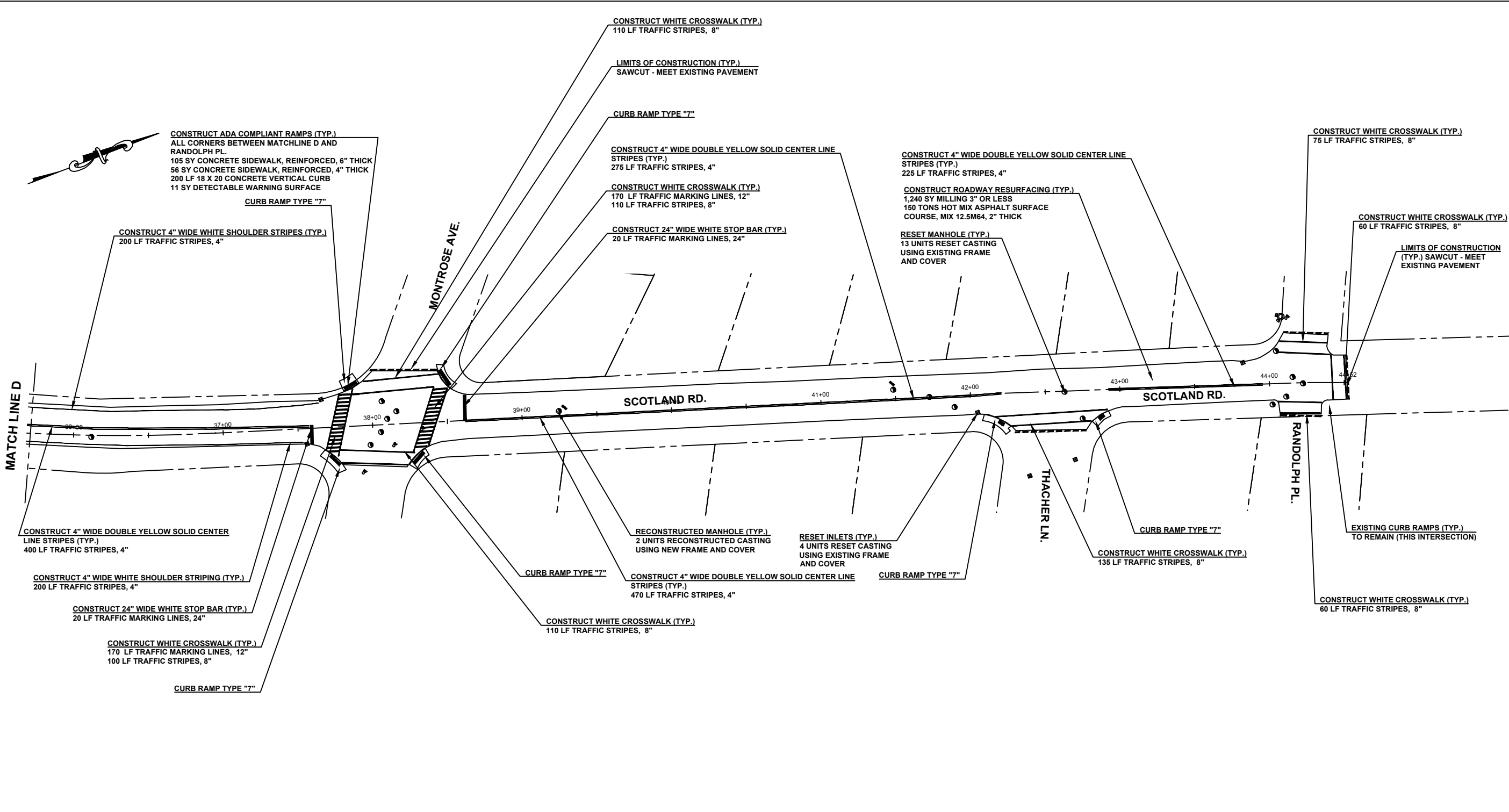


**SCOTLAND ROAD
MILL AND OVERLAY PLAN
FOR
ROADWAY IMPROVEMENTS
IN
ESSEX COUNTY
VILLAGE OF SOUTH ORANGE
ESSEX COUNTY NEW JERSEY**

DATE: 05-26-2020	DESIGNED BY: MP	SCALE: 1" = 30'	PROJECT NUMBER: 16003.001
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MICHAEL J. DROBNY, PE
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CONSTRUCT ADA COMPLIANT RAMPS (TYP.)
 ALL CORNERS BETWEEN MATCHLINE D AND
 RANDOLPH PL.
 105 SY CONCRETE SIDEWALK, REINFORCED, 6" THICK
 56 SY CONCRETE SIDEWALK, REINFORCED, 4" THICK
 200 LF 18 X 20 CONCRETE VERTICAL CURB
 11 SY DETECTABLE WARNING SURFACE

CONSTRUCT 4" WIDE WHITE SHOULDER STRIPES (TYP.)
 200 LF TRAFFIC STRIPES, 4"

CONSTRUCT 4" WIDE DOUBLE YELLOW SOLID CENTER
 LINE STRIPES (TYP.)
 400 LF TRAFFIC STRIPES, 4"

CONSTRUCT 4" WIDE WHITE SHOULDER STRIPING (TYP.)
 200 LF TRAFFIC STRIPES, 4"

CONSTRUCT 24" WIDE WHITE STOP BAR (TYP.)
 20 LF TRAFFIC MARKING LINES, 24"

CONSTRUCT WHITE CROSSWALK (TYP.)
 170 LF TRAFFIC MARKING LINES, 12"
 100 LF TRAFFIC STRIPES, 8"

CURB RAMP TYPE "7"

CONSTRUCT WHITE CROSSWALK (TYP.)
 110 LF TRAFFIC STRIPES, 8"

LIMITS OF CONSTRUCTION (TYP.)
 SAWCUT - MEET EXISTING PAVEMENT

CURB RAMP TYPE "7"

CONSTRUCT 4" WIDE DOUBLE YELLOW SOLID CENTER LINE
 STRIPES (TYP.)
 275 LF TRAFFIC STRIPES, 4"

CONSTRUCT WHITE CROSSWALK (TYP.)
 170 LF TRAFFIC MARKING LINES, 12"
 110 LF TRAFFIC STRIPES, 8"

CONSTRUCT 24" WIDE WHITE STOP BAR (TYP.)
 20 LF TRAFFIC MARKING LINES, 24"

CONSTRUCT 4" WIDE DOUBLE YELLOW SOLID CENTER LINE
 STRIPES (TYP.)
 225 LF TRAFFIC STRIPES, 4"

CONSTRUCT ROADWAY RESURFACING (TYP.)
 1,240 SY MILLING 3" OR LESS
 150 TONS HOT MIX ASPHALT SURFACE
 COURSE, MIX 12.5M64, 2" THICK

RESET MANHOLE (TYP.)
 13 UNITS RESET CASTING
 USING EXISTING FRAME
 AND COVER

CONSTRUCT WHITE CROSSWALK (TYP.)
 75 LF TRAFFIC STRIPES, 8"

CONSTRUCT WHITE CROSSWALK (TYP.)
 60 LF TRAFFIC STRIPES, 8"

LIMITS OF CONSTRUCTION
 (TYP.) SAWCUT - MEET
 EXISTING PAVEMENT

SCOTLAND RD.

SCOTLAND RD.

MONTROSE AVE.

THACHER LN.

RANDOLPH PL.

RECONSTRUCTED MANHOLE (TYP.)
 2 UNITS RECONSTRUCTED CASTING
 USING NEW FRAME AND COVER

RESET INLETS (TYP.)
 4 UNITS RESET CASTING
 USING EXISTING FRAME
 AND COVER

CONSTRUCT 4" WIDE DOUBLE YELLOW SOLID CENTER LINE
 STRIPES (TYP.)
 470 LF TRAFFIC STRIPES, 4"

CONSTRUCT WHITE CROSSWALK (TYP.)
 110 LF TRAFFIC STRIPES, 8"

CONSTRUCT WHITE CROSSWALK (TYP.)
 135 LF TRAFFIC STRIPES, 8"

CONSTRUCT WHITE CROSSWALK (TYP.)
 60 LF TRAFFIC STRIPES, 8"

EXISTING CURB RAMPS (TYP.)
 TO REMAIN (THIS INTERSECTION)

PAY ITEM	TO BE CONSTRUCTED	CONTRACT QUANTITY	UNITS
14	HMA MILLING, 3" OR LESS	3,167	SY
15	TACK COAT	320	GAL
16	HOT MIX ASPHALT 12.5 M 64 SURFACE COURSE	385	T
19	RESET EXISTING CASTING	17	U
21	RECONSTRUCTED MANHOLE, USING NEW CASTING	2	U
27	CONCRETE SIDEWALK, 4" THICK	42	SY
28	CONCRETE SIDEWALK REINFORCED, 6" THICK	55	SY
29	DETECTABLE WARNING SURFACE	6	SY
30	9" X 18" CONCRETE VERTICAL CURB	150	LF
32	TRAFFIC STRIPES, 4"	1,790	LF
33	TRAFFIC STRIPES, 8"	770	LF
35	TRAFFIC MARKING LINES, 12"	340	LF
36	TRAFFIC MARKING LINES, 24"	40	LF

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SCALE IN FEET



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