



SECTION VIEW

NOTES:

1. WHEN SIDEWALK ABUTS A ROADWAY, CURB AND SIDEWALK SHALL BE MONOLITHICALLY CONSTRUCTED. REFER TO VILLAGE STANDARD MONOLITHIC CURB AND SIDEWALK CONSTRUCTION DETAIL.
2. UNLESS OTHERWISE NOTED, PORTLAND CEMENT CONCRETE SIDEWALKS SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 608 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.
3. THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE-- GENERAL.
4. WELDED WIRE FABRIC REINFORCEMENT SHALL BE MADE OF W2.9 OR W3 WIRE AT 6 INCH CENTERS TRANSVERSELY CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS D IN ACCORDANCE WITH SECTION 501 "PORTLAND CEMENT CONCRETE--GENERAL." ALL CONCRETE SHALL CONTAIN A WATER-REDUCING ADMIXTURE MEETING THE REQUIREMENTS OF §711-08 IN SUCH A QUANTITY AS TO PROVIDE A MINIMUM 10% REDUCTION OF THE DESIGN WATER CONTENT BY USING A NORMAL RANGEWATER-REDUCER. WWF SHALL BE MANUFACTURED IN SHEETS AND PLACED WITH IN CONCRETE BY CHAIRING.
5. REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS.
6. INSTALL A PREMOULDED RESILIENT JOINT FILLER, §705-07, AT ALL JOINTS BETWEEN SIDEWALK AND CURB, PAVEMENT, BUILDING, ETC. THE PREMOULDED RESILIENT JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF ASTM D1751.
7. THE EXPANSION JOINTS SHALL BE LOCATED AT ALL IMMOVABLE OBJECTS (BRIDGE SUBSTRUCTURES, ETC.), WHERE SHOWN ON THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER. EXPANSION JOINTS SHALL NOT BE REQUIRED AT 20 FOOT INTERVALS.
8. PREMOULDED RESILIENT JOINT FILLER (§705-07). USE 3/8 - 5/8 INCH THICK FILLER IN TRANSVERSE EXPANSION JOINT ASSEMBLIES ONLY. INCLUDE A ONE-PIECEPREMOULDED RESILIENT JOINT FILLER IN THE ASSEMBLY THAT EXTENDS COMPLETELY ACROSS THE SLAB WIDTH. THE JOINT FILLER MUST EITHER EQUAL THE FULL DEPTH OF THE SLAB, OR EXTEND FROM THE BOTTOM OF THE SLAB TO WITHIN 1 1/2 - 2 INCHES OF THE TOP OF THE SLAB WITH A FINISHING CAP THAT EXTENDS TO THE TOP OF THE SLAB.
9. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONCRETE SURFACE SHALL BE SCORED AND TOOLED AT INTERVALS OF 5 FEET. SCORE THE CONCRETE A MINIMUM 1/8 INCH TO A MAXIMUM 1/4 INCH IN WIDTH AND TO A MINIMUM DEPTH OF ONE-THIRD THE TOTAL THICKNESS.
10. 3 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EVERY 4 FEET. 4 AND 5 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EQUAL TO THE WIDTH OF THE SIDEWALK. SIDEWALKS MAY BE CONVENTIONALLY FORMED OR MACHINE FORMED.
11. ONLY MAGNESIUM FLOATS AND TROWELS ARE ALLOWED. THE USE OF ALUMINUM OR STEEL FINISHING TROWELS AND TOOLS IS PROHIBITED. THE CONCRETE SHALL BE FINISHED TO PRODUCE A SMOOTH SURFACE AND THEN LIGHTLY BROOMED TO A UNIFORM TEXTURE. THE EDGES AND SCORED JOINTS OF ALL SIDEWALK SLABS SHALL BE TOOLED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS.
12. ALL WORK SHALL BE IN ACCORDANCE WITH NYSDOT SPECIFICATIONS AND IN REASONABLY CLOSE CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.
13. SIDEWALK SHALL BE PAID UNDER NYSDOT ITEM NO. 608.0101. CRUSHED STONE SHALL BE PAID UNDER NYSDOT ITEM NO. 623.12.

VILLAGE OF MAMARONECK
STANDARD CONSTRUCTION DETAILS

PREPARED IN THE
OFFICE OF THE
VILLAGE ENGINEER

CAST-IN-PLACE CONCRETE SIDEWALK

DESIGNED BY: ARC, PE CHECKED BY: ARC, PE
DRAWN BY: ARC, PE VOM PCC Sidewalk.dwg



VILLAGE OF MAMARONECK
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PROJECT: DETAILS
SCALE: NOT TO SCALE
DATE: 03/13/2014

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