

City of Goodyear Traffic Signage & Pavement Marking Approved Products List (Revised 5/2026)

SHEETING MATERIALS:

- ALL SIGN IMAGING & MATERIAL SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURER'S MATCHED COMPONENT SYSTEM.
 - 3M DIAMOND VIP GRADE SHEETING OR ASTM D-4956-04 PROPOSED TYPE XI SHEETING (3M 4090 SERIES OR EQUIVALENT) WITH STANDARD HIGHWAY COLORS.
 - ACRYLIC BASED ELECTRONIC CUTTABLE FILM (3M 1170 SERIES OR EQUIVALENT) WITH STANDARD HIGHWAY COLORS.
 - GRAFFITI-PROTECTIVE OVERLAY FILM (3M OR EQUIVALENT) SHALL BE USED ON ALL SIGNS.

ALUMINUM PANEL MATERIALS:

- ALL STREET NAME SIGNS SHALL BE FLAT SHEET TREATED ALUMINUM WITH THICKNESS OF 0.125". (6061-T6 OR 5052-H3B ALLOY SHEET ALUMINUM)
- ALL REGULATORY, WARNING, AND INFORMATIONAL SIGNS SHALL BE FLAT SHEET TREATED ALUMINUM WITH THICKNESS OF 0.080". (6061-T6 OR 5052-H3B ALLOY SHEET ALUMINUM)
 - SIGNAGE 48" AND OVER SHALL HAVE THICKNESS OF 0.125".

SIGNAGE ASSEMBLY MATERIALS:

- POST: 2" X 2" SQUARE PERFORATED GALVANIZED STEEL TUBING WITH 7/16" DIAMETER PERFORATIONS ON 1" CENTERS, 0.105 THICK.
- ANCHOR: 2.25" X 2.25" X 12" SQUARE PERFORATED GALVANIZED STEEL TUBING WITH 7/16" DIAMETER PERFORATIONS ON 1" CENTERS, 0.105 THICK.
 - ALL SIGNAGE SHALL BE DIRECTLY INSTALLED WITH POST POUNDER. SIGNAGE INSTALLED IN CONCRETE MEDIANS SHALL BE SLEEVED WITH A 6" MINIMUM DIAMETER PVC.
- SLEEVE: 2.5" X 2.5" X 36" SQUARE PERFORATED GALVANIZED STEEL TUBING WITH 7/16" DIAMETER PERFORATIONS ON 1" CENTERS, 0.105 THICK.

SIGNAGE MOUNTING MATERIAL:

- BOLT: GRADE #2, ZINC COATED, HEX HEAD, 18 NC THREAD, 3" X 5/16" BOLT (FULL THREAD).
- NUT: GRADE #2, ZINC COATED, 18 NC THREAD, STANDARD HEX NUT (NON-LOCKING).
- WASHER: ZINC COATED, 5/16" X 1.25" OD FENDER WASHER.
- STREET NAME SIGNS POST CAP AND SEPERATOR BRACKETS SHALL BE DIE CAST ALUMINUM AND BE A MINIMUM OF 12" OR LONGER BASED ON MANUFACTURE RECOMMENDATIONS.
- SIGNAGE MAY BE INSTALLED ON CITY-OWNED AND MAINTAINED STREETLIGHT POLES WHERE POSSIBLE.
 - SIGNAGE SHALL BE MOUNTED WITH STANLESS STEEL FLARED LEG MOUNTING BRAKETS WITH 5/16-18" TAPPED HOLE.
 - STANLESS STEEL BANDING SHALL BE A MINIMUM OF 1/2" WIDE WITH A MINIMUM THICKNESS OF 0.030".
 - STREET NAME SIGNS MAY BE INSTALLED USING TWO SEPARATE CANTILEVER BRACKETS AND MUST BE A MINIMUM OF HALF THE LENGTH OF THE SIGN TO BE MOUNTED OR LONGER.

THERMOPLASTIC MATERIALS:

- APPLICATION AND MATERIALS FOR THERMOPLASTIC SHALL BE IN ACCORDANCE WITH ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTION 704. (PREFROMED PAVEMENT MARKINGS ARE NOT APPROVED)
 - LANE STRIPING, CROSSWALKS, AND CHEVRONS SHALL BE 0.060" (60 MIL) HOT SPRAYED THERMOPLASTIC
 - ALL PAVEMENT SYMBOLS, ARROWS, AND LEGENDS SHALL BE 0.090" (90 MIL) HOT SPRAYED THERMOPLASTIC.

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TRAFFIC PAINT MATERIALS:

- APPLICATION AND MATERIALS FOR TRAFFIC PAINT SHALL BE IN ACCORDANCE WITH ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTION 708.
- TEMPORARY STRIPING SHALL BE 0.015" (15MIL) REFLECTORIZED TRAFFIC PAINT.
- ALL BULLNOSES SHALL BE 0.015" (15MIL) REFLECTORIZED TRAFFIC PAINT WITH RAISED PAVEMENT MARKERS INSTALLED NO FURTHER THAN 2' APART.
- WHITE BICYCLE PAVEMENT MARKINGS SHALL BE 0.015" (15MIL) REFLECTORIZED TRAFFIC PAINT (TWO COATS SHALL BE APPLIED).
 - BICYCLE PAVEMENT MARKINGS SHALL BE PLACED AT THE BEGINNING OF AN ARTERIAL OR COLLECTOR BIKE LANE, ON THE BIKE LANE ON THE FAR SIDE OF ARTERIAL OR COLLECTOR INTERSECTIONS, AT A SPACING OF 1320' ALONG CONTINUOUS LENGTHS OF BIKE LANE, IMMEDIATELY AFTER DRIVEWAY BREAKS, WITHIN RIGHT TURN LANES, AND IN LOCATIONS DESIGNATED BY THE CITY ENGINEER.

RAISED PAVEMENT MARKERS (RPMS) MATERIAL:

- APPLICATION AND MATERIALS FOR RAISED PAVEMENT MARKERS TRAFFIC PAINT SHALL BE IN ACCORDANCE WITH ARIZONA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTION 706.
- RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER THE MCDOT PAVEMENT MARKING MANUAL AND SIGNING MANUALS REGARDLESS OF PAVEMENT MARKING MATERIAL USED, WITH A CITY-APPROVED BITUMINOUS ADHESIVE.
- BLUE RAISED PAVEMENT MARKERS SHALL BE INSTALLED AT ALL FIRE HYDRANTS PER CITY OF GOODYEAR STANDARD DETAILS.