TRAFFIC STRIPES, PAVEMENT MARKINGS AND PAVEMENT MARKERS

1. NEW PAVEMENT DELINEATION IS SHOWN IN BLACK. EXISTING PAVEMENT DELINEATION IS SHOWN IN GREY.
2. ALL WORK MUST BE IN ACCORDANCE WITH THE CALTRANS STANDARD PLANS AND SPECIFICATIONS AND THE CALIFORNIA M.U.T.C.D.
3. CERTIFICATES OF COMPLIANCE MUST BE PROVIDED FOR ALL MATERIALS PROPOSED TO BE USED.
4. STRIPE DETAIL NUMBERS AND PAVEMENT MARKING NAMES REFERENCE CALTRANS STANDARD PLANS A20A THROUGH A24F UNLESS OTHERWISE NOTED.
5. THERMOPLASTIC TRAFFIC STRIPES AND MARKINGS MUST COMPLY WITH SECTION 84–2.02E "THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS WITH ENHANCED WET-NIGHT VISIBILITY". APPLY PRIMER TO ASPHALTIC SURFACES WHICH ARE 6 MONTHS AND OLDER TO ALL CONCRETE SURFACES, PER SECTION 84–2.03C(2).
6. TYPICALLY "LONG" TRAFFIC STRIPES ARE THERMOPLASTIC.
6.1. TYPICALLY "SHORT" (DASHED) TRAFFIC STRIPES ARE 2–COAT PAINT.
6.2. TYPICALLY CROSSWALK AND LIMIT LINE MARKINGS ARE 2–COAT PAINT.
6.3. CURB MARKINGS, PARKING TEES AND PARKING STALL LINES MUST BE 2–COAT, WITHOUT GLASS BEADS.
7. PAVEMENT MARKERS MUST COMPLY WITH SECTION 81–3, "PAVEMENT MARKERS".
7.1. RETROREFLECTIVE PAVEMENT MARKERS MUST BE MARKED AS ABRASION RESISTANT ON THE BODY OF THE MARKERS.
7.2. NONREFLECTIVE PAVEMENT MARKERS MUST BE CERAMIC TYPE. PLASTIC TYPE MARKERS MUST NOT BE USED.
7.3. PROVIDE A FIRE HYDRANT MARKER (BLUE–BLUE RETROREFLECTIVE) 6 INCHES OFF STREET CENTERLINE ON THE HYDRANT SIDE. WHERE A HYDRANT IS LOCATED AT AN INTERSECTION, PROVIDE ONE MARKER ON BOTH STREETS.
8. ALL CONFLICTING EXISTING STRIPES, MARKINGS, AND PAVEMENT MARKERS MUST BE REMOVED.

ROADSIDE SIGNS

1. SIGNS MUST BE RESET OR RELOCATED ON THE SAME DAY THE SIGN IS REMOVED FROM ITS ORIGINAL LOCATION. WHERE THE SIGN FOUNDATION IS NOT AVAILABLE ON THE SAME DAY, A TEMPORARY SUPPORT MUST BE PROVIDED.
2. FURNISH AND INSTALL NEW SIGN PANELS WHEN RESETTING OR RELOCATING SIGNS.
3. NEW SIGN PANELS SHALL HAVE TYPE XI SHEETING.
4. SIGN DESIGNATIONS (F.G., R1–1) REFERENCE THE DESIGNATIONS IN THE CALIFORNIA EDITION OF THE M.U.T.C.D.
5. SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. MARK THE ACTUAL PROPOSED LOCATIONS IN THE FIELD FOR APPROVAL BY THE CITY ENGINEER.
6. STOP SIGNS SHALL BE 24" ON LOW–VOLUME, SINGLE–LANE RESIDENTIAL STREETS, AND 30" (MIN) OTHERWISE.

CITY OF MONTEREY
DEPARTMENT OF PUBLIC WORKS
580 PACIFIC STREET, MONTEREY, CA 93940

APPROVED BY:

CITY ENGINEER 1/27/2020

SIGNAGE AND STRIPING NOTES

DETAIL 400A
FOR INSTALLATIONS WITHOUT
A POLE TOP BRACKET,
PROVIDE A ROUND POLE CAP:
TAPCO #109-00027 OR EQUAL

12" CROSS BRACKET:
TAPCO #037-00227
OR EQUAL

ROUND POLE BRACKET:
TAPCO #037-00224
OR EQUAL

NEW SIGN PANELS WITH
TYPE XI SHEETING

HAWKINS M26-C28 SINGLE
CLAMP-ON U-BRACKET
FOR 2" SCH 40 PIPE WITH
HEX HEAD CAP SCREW,
OR EQUAL.
2 EACH PER SIGN PANEL

2" GALVANIZED STEEL
SCHEDULE 40 PIPE

7' CLEAR MIN.

10' MIN. POLE
FOR STREET
NAME SIGN

1" GAP

SIGN ASSEMBLY IN SIDEWALK

POST IN PLANTER

SIGN LOCATION AT BACK OF SIDEWALK
(SIDEWALK 4' TO 6' WIDE)

SIGN LOCATION AT FRONT OF SIDEWALK
(SIDEWALK 6'-6" AND WIDER)

NOTES:
1. EITHER SIDEWALK WIDENING OR AN ALTERNATE SIGN LOCATION IS REQUIRED IF LESS THAN 36" CLEAR SIDEWALK WIDTH IS PROVIDED. WHERE WIDENING, WIDEN TO PROVIDE AT LEAST 4'-2" CLEAR IF POSSIBLE.
2. CLEARANCE FROM THE FACE OF CURB TO SIGN PANEL OR POST MUST BE AT LEAST 12". IN COMMERCIAL AREAS 2'-0" IS PREFERRED IF AT LEAST 6'-0" OF CLEAR SIDEWALK IS PROVIDED BEHIND THE SIGN POST.
3. EXACT LOCATIONS MUST BE MARKED IN THE FIELD FOR REVIEW AND APPROVAL BY THE CITY ENGINEER.
### Diagram Legend

- **Block Number Sign**
  - Width 'A'
  - Height 'B'
  - Corner Radius 'K'
  - Border Thickness 'C'
  - Border Offset 'S'
  - Border Radius 'Y'

- **Street Name Sign**
  - Width 'A'
  - Height 'B'

### Legend with Descending Stroke
- Arrow points in the direction of increasing address number.

### Legend with Suffix and Without Descending Stroke

<table>
<thead>
<tr>
<th>Speed limit</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>S</th>
<th>E1</th>
<th>E2</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>I</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 mph or less</td>
<td>VAR</td>
<td>8</td>
<td>0.25</td>
<td>2</td>
<td>0.25</td>
<td>4</td>
<td>3</td>
<td>3 (MIN)</td>
<td>3</td>
<td>1</td>
<td>0.75</td>
<td>1.75</td>
<td>2.25</td>
</tr>
<tr>
<td>30, 35 or 40 mph</td>
<td>VAR</td>
<td>12</td>
<td>0.375</td>
<td>3</td>
<td>0.375</td>
<td>6</td>
<td>4.5</td>
<td>4.5 (MIN)</td>
<td>4.5</td>
<td>1.5</td>
<td>1.125</td>
<td>2.75</td>
<td>3.25</td>
</tr>
<tr>
<td>45 mph or more</td>
<td>VAR</td>
<td>18</td>
<td>0.5</td>
<td>5</td>
<td>0.5</td>
<td>8</td>
<td>6</td>
<td>5.33 (MIN)</td>
<td>6</td>
<td>1.875</td>
<td>1.25</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Overhead (any speed)</td>
<td>VAR</td>
<td>24</td>
<td>0.75</td>
<td>6</td>
<td>0.75</td>
<td>12</td>
<td>9</td>
<td>9 (MIN)</td>
<td>9</td>
<td>2.25</td>
<td>1.5</td>
<td>5.5</td>
<td>6.5</td>
</tr>
<tr>
<td>Block Number</td>
<td>VAR</td>
<td>(12 MIN)</td>
<td>5</td>
<td>0.25</td>
<td>-</td>
<td>0.25</td>
<td>3</td>
<td>-</td>
<td>2.5 (MIN)</td>
<td>-</td>
<td>1</td>
<td>0.75</td>
<td>1.25</td>
</tr>
</tbody>
</table>

### Panel Specifications
- **Panel:** 0.125" SINGLE SHEET ALUMINUM
- **Font:** CLEARVIEW 2W, SIZE AS INDICATED
- **Colors:**
  - Legend, Border: WHITE (RETROREFLECTIVE)
  - Background: GREEN (NONREFLECTIVE)

### Instructions
- APPLY WHITE HIGH INTENSITY PRISMATIC (HIP) SHEET TO ENTIRE SIGN PANEL, THEN NON-REFLECTIVE GREEN TRANSPARENT OVERLAY FILM (EC#1177 GREEN) WITH CUT-OUTS FOR LEGEND AND BORDER.

### City of Monterey
- **Department of Public Works**
  - 580 Pacific Street, Monterey, CA 93940
- **Approved by:**
  - CITY ENGINEER

### Street Name Sign Panel
- **Detail:** 402
TYPICAL LAYOUT

NOTES
1. MARK EXACT LOCATIONS IN THE FIELD FOR REVIEW AND APPROVAL BY THE CITY ENGINEER.
2. EITHER SIDEWALK WIDENING OR AN ALTERNATE PARKING METER LOCATION IS REQUIRED IF LESS THAN 3'-0" CLEAR SIDEWALK WIDTH IS PROVIDED.
STRIPES EXTEND FROM GUTTER LIP TO GUTTER LIP
CENTER CROSSWALK ON PEDESTRIAN PATH OF TRAVEL

CROSSWALK WIDTH PER PLAN
(6" MIN)

12"-WIDE WHITE STRIPE
4'-2"-DEEP CLEAR SPACE MUST BE FULLY WITHIN CROSSWALK LINES

STANDARD CROSSWALK

2'-0" STRIPE
2'-0" GAP

DIRECTION OF VEHICULAR TRAVEL

CROSSWALK WIDTH PER PLAN
(6" MIN)

1'-0" GAP

TRANSVERSE STRIPES:
12"-WIDE UNLESS OTHERWISE NOTED
(2'-0"-WIDE MAXIMUM)

2'-0"-WIDE LONGITUDINAL STRIPES
ALIGNED WITH DIRECTION OF VEHICULAR TRAVEL

HIGH-VISIBILITY CROSSWALK

NOTES
1. ALL WORK MUST COMPLY WITH CALTRANS STANDARD SPECIFICATIONS, SECTION 84.
2. USE 2 COATS OF WATER-BASED PAINT ON AC PAVEMENT AND 2 COATS OF ACETONE-BASED PAINT ON NEW CONCRETE, UNLESS THERMOPLASTIC IS INDICATED ON THE PLANS.
3. CROSSWALK MARKINGS LOCATED WITHIN 600 FEET OF A SCHOOL MUST BE YELLOW.
4. SEE CALIFORNIA M.U.T.C.D. SECTION 3B.18 FOR GUIDANCE ON CROSSWALK USE.
PAVEMENT DELINEATION LEGEND

- # TRAFFIC STRIPE, 2 COAT PAINT
  (TYPICALLY "SHORT" LINES ARE PAINTED)
- # TH TRAFFIC STRIPE, THERMOPLASTIC
  (TYPICALLY "LONG" LINES ARE THERMOPLASTIC)
- R REMOVE TRAFFIC STRIPE OR MARKING
- LL 12" WIDE WHITE LIMIT LINE
  (2 COAT PAINT UNLESS NOTED OTHERWISE)
- XW CROSSWALK
  (2 COAT PAINT UNLESS NOTED OTHERWISE)
- BB PAVEMENT MARKER, TYPE BB (BLUE RETROREFLECTIVE).
  (INSTALL 6" OFF CENTERLINE STRIPE AT EACH FIRE HYDRANT.)

SIGN LEGEND

- △ SIGN LEGEND
  NEW SIGN ASSEMBLY WITH SIGN DESIGNATIONS AND PANEL SIZES
- △ SIGN LEGEND
  EXISTING SIGN TO REMAIN
- △ SIGN LEGEND
  RESET OR RELOCATE SIGN, POST AND FOOTING; REMOVE EXISTING POST AND
  CONCRETE FOOTING; SALVAGE EXISTING SIGN PANEL; AND FURNISH AND
  INSTALL NEW SIGN PANEL, POST AND CONCRETE FOOTING, UNLESS OTHERWISE
  NOTED.
- △ SIGN LEGEND
  REMOVE SIGN, POST AND CONCRETE FOOTING. SALVAGE SIGN PANEL.