### Section 5 – Miscellaneous Details

<table>
<thead>
<tr>
<th>Drawing No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>Single Mailbox Installation</td>
</tr>
<tr>
<td>501</td>
<td>Multiple Mailbox Installation for New Sidewalk</td>
</tr>
<tr>
<td>501A</td>
<td>Multiple Mailbox Installation for Existing Sidewalk</td>
</tr>
<tr>
<td>510</td>
<td>Metal Beam Guardrail</td>
</tr>
<tr>
<td>511</td>
<td>Metal Plate Guardrail</td>
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<tr>
<td>520</td>
<td>Traffic Safety Markers</td>
</tr>
<tr>
<td>521</td>
<td>Post with Reflector</td>
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<tr>
<td>522</td>
<td>End of Street Temporary Pavement</td>
</tr>
<tr>
<td>522A</td>
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<tr>
<td>523</td>
<td>Street Marker Post Installation</td>
</tr>
<tr>
<td>530</td>
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</tr>
<tr>
<td>540</td>
<td>Non Retaining Concrete Blockwall</td>
</tr>
<tr>
<td>550</td>
<td>Pipe Swing Gate</td>
</tr>
<tr>
<td>M1</td>
<td>Copperweld Monument</td>
</tr>
<tr>
<td>M2</td>
<td>Sectional Monuments</td>
</tr>
<tr>
<td>M3</td>
<td>Centerline Ties</td>
</tr>
</tbody>
</table>
NOTE: END OPENING MAILBOX NOT PERMITTED. FACE OF MAILBOX SHALL NOT EXTEND PAST TOP OF CURB LINE.
MULTIPLE MAILBOX TO BE FURNISHED BY U.S. POSTAL SERVICE.

NOTE: MAILBOX LOCATION, FOUNDATION, ANCHOR BOLTS, AND BOLT HOLES, SHALL CONFORM TO SPECIFICATIONS FURNISHED BY THE POSTMASTER.
MUTIPLE MAILBOX TO BE FURNISHED BY U.S. POSTAL SERVICE.

ANCHOR BOLTS FOUNDATION

EXISTING CURB & GUTTER

EXISTING SIDEWALK

6' TYP.

1'

3'

VARIABLE

3'

4" THICK CONC. SLAB

EXPANSION JOINT

NOTE: MAILBOX LOCATION, FOUNDATION, ANCHOR BOLTS, AND BOLT HOLES, SHALL CONFORM TO SPECIFICATIONS FURNISHED BY THE POSTMASTER. MAILBOX FOUNDATION AND SLAB TO BE A MONOLITHIC POUR.

APPROVED:

DATE

APPROVED: TOWN ENGINEER

R.C.E. 27943

Town of Yucca Valley

MULTIPLE MAILBOX INSTALLATION FOR EXISTING SIDEWALK

STANDARD DRAWING NO. 501A
NOTES:
1. CENTER TO CENTER OF THE POSTS SHALL BE 6'-3" UNLESS SHOWN OTHERWISE.
2. BACKFILL IN POST HOLES TO BE COMPACTED TO ORIGINAL DENSITY OF SOIL.
3. EQUIVALENT DESIGN MAY BE ACCEPTABLE.
4. MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF CALIFORNIA, STANDARD SPECIFICATION PLAN A77-CW.

Town of
Yucca Valley
METAL BEAM
GUARDRAIL
STANDARD DRAWING NO. 510
NOTES:

1. POSTS ARE TO BE SET IN SUCH A POSITION THAT THE TOP OF THE GUARD RAIL SHALL BE LEVEL WITH THE TOP OF THE POSTS.
2. BACKFILL IN POST HOLES TO BE COMPACTED TO ORIGINAL DENSITY OF SOIL.
3. EQUIVALENT DESIGN MAY BE ACCEPTABLE.
4. MATERIAL AND CONSTRUCTION SHALL CONFORM TO APPLICABLE SECTIONS OF STATE OF CALIFORNIA STANDARD SPECIFICATIONS, UNLESS SHOWN OTHERWISE.
NOTES:

1. CLEARANCE MARKER (W-60R) THREE 3-1/4" WHITE CENTER MOUNT REFLECTORS.

2. GUIDE MARKERS ONE 3-1/4" WHITE CENTER MOUNT REFLECTOR.

3. REAR MOUNT REFLECTOR BRACKET SHALL BE USED ON CURVES. BRACKET SHALL BE ATTACHED WITH 3/16" BLIND ALUMINUM RIVETS AND USED TO MOUNT A 3" WHITE REFLECTOR.

4. ALL MATERIALS SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATIONS.

5. HOLE DIAMETERS APPLY TO DIMENSION AFTER ITEM IS PAINTED.
NOTES:

1. POSTS SHALL BE 2" x 2" SQUARE STEEL IN ACCORDANCE WITH STANDARD NO. 523.

2. MATERIALS AND TYPE N REFLECTOR SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATIONS.
   TYPE N-4 SHALL BE YELLOW FHWA TYPE III REFLECTIVE SHEETING. TYPE N-5 SHALL BE RED FHWA TYPE III REFLECTIVE SHEETING.

ELEVATION

STEEL POST & ANCHOR (SEE STD. 303B)

Town of Yucca Valley
POST WITH REFLECTOR

STANDARD DRAWING NO. 521
NOTES:

1. ASPHALT CONCRETE SHALL BE MINIMUM 3 INCH THICKNESS ON CUT OR FILL AREA.
Reflective Tape Detail

Notes:

1. POST IS TO BE 6" x 6" x VARIES, TIMBER S.4S.
2. THREE (3) CROSS PANELS TO BE 2" x 8" x VARIES, TIMBER S.4S.
3. REFLECTIVE TAPE CONSISTS OF REFLECTIVE DIAMOND GRADE SHEETING WITH HIGH TACK PRESSURE SENSITIVE ADHESIVE. WHITE AND RED TAPE WITH 6" WIDTH (SEE DETAIL ABOVE).
4. OBJECT MARKER RED TYPE N2 SIGN REFLECTOR SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATION AND TO FHWA TYPE IIIA OR VISUAL IMPACT PERFORMANCE (VIP) REFLECTIVE SHEETING. USE A MINIMUM OF TWO (2) SIGNS (SIMILAR TO STD. NO. 521).
5. 2" SQUARE STEEL POST AND 2 1/2" SQUARE ANCHOR SLEEVE (SEE STD. NO. 523).
6. USE 3/8" DIAMETER, 4 1/4" LONG LAG BOLTS (GALVANIZED) FOR FASTENING ITEM 2 TO ITEM 1 (MINIMUM 4 BOLTS PER CONNECTION).
7. RAILS FACING TRAFFIC TO BE REFLECTORIZED.
8. ALL TIMBER TO BE S.4S. WEATHER RESISTANT.
9. ALL DIMENSIONS ARE NOMINAL LUMBER DIMENSIONS.

Note: Rails facing in two directions, number of reflectorized rails should be on two faces.

<table>
<thead>
<tr>
<th>Width of Roadway</th>
<th>Number of Panels</th>
<th>No. of N2</th>
<th>Total Length of Rails</th>
</tr>
</thead>
<tbody>
<tr>
<td>20' Alley</td>
<td>2</td>
<td>1</td>
<td>16'</td>
</tr>
<tr>
<td>26'</td>
<td>3</td>
<td>2</td>
<td>26'</td>
</tr>
<tr>
<td>40'</td>
<td>4</td>
<td>3</td>
<td>38'</td>
</tr>
<tr>
<td>46'</td>
<td>4</td>
<td>3</td>
<td>44'</td>
</tr>
<tr>
<td>54'</td>
<td>5</td>
<td>4</td>
<td>52'</td>
</tr>
<tr>
<td>60'</td>
<td>7</td>
<td>4</td>
<td>58'</td>
</tr>
</tbody>
</table>
2" SQ. STEEL POST, HOT DIPPED GALVANIZED 1.25 OZ. COATING (ASTM SPEC. A525)

POST SHALL BE PUNCHED WITH 3/8" DIA. HOLES TO ALLOW MOUNTING OF ALL CALIFORNIA STANDARD SIGNS

DRIVE RIVETS OR BOLT IN CENTER OF POST, APPROX. 1" FROM TOP OF ANCHOR SLEEVE

GROUND LINE

2 1/2" SQ. STEEL ANCHOR SLEEVE

NOTES:
1. SEE STANDARD DRAWING NO. 521 FOR MARKER LOCATIONS.
2. POST SHALL BE 2" SQ. STEEL AS SHOWN AND STATED.
3. ANCHOR SLEEVE SHALL BE 2 1/2" SQ. STEEL HOT DIPPED GALVANIZED AFTER FABRICATION (ASTM SPEC. 1-123).
MIN. 2 1/2" GALV. STEEL POST GATE (TYPICAL—SEE NOTE #3)

#4 BAR @
2' O.C.

SELF LATCHING HARDWARE

FOOTING TYPICAL

P.C.C. PAD SEE NOTE 5
12" DIA. P.C.C. FOOTING FOR GATE, POST TO STAND FREE OF STRUCTURE

#3 BAR-HORZ. CONTINUOUS

FOOTING TYPES

12" DIA. GATE POST FOOTING
9' MIN. CLEAR GATE OPENING

NOTES:

1. TRASH AREA TO BE LOCATED SO AS TO BE ACCESSIBLE TO BOTH DEPOSIT AND PICKUP. LOCATION TO BE APPROVED BY PLANNING DIVISION.

2. SIX INCH MASONRY BLOCK CONSTRUCTION WITH STANDARD STEEL REINFORCING RODS. FILL ALL CELLS WITH GROUT AND SMOOTH THE TOP WITH STEEL TROWEL FINISH.

3. METAL GATES WITH HEAVY DUTY HARDWARE (TYPICAL). METAL PANEL GATES SHALL TOTALLY OBSCURE THE TRASH bins AND MUST BE ARCHITECTURALLY COMPATIBLE WITH THE PROJECT.

4. GATE POSTS SHALL BE MINIMUM 2-1/2" DIA. GALVANIZED STEEL SET IN CONCRETE TO STAND FREE OF THE ENCLOSURE STRUCTURE.

5. TOP OF PAD TO BE AT GROUND OR EDGE OF PAVING LEVEL.

6. FILL ALL CELLS WITH P.C.C. PEA GRAVEL GROUT.

Town of Yucca Valley

STANDARD TRASH ENCLOSURE

STANDARD DRAWING NO. 530
1. All vertical cells containing reinforcing steel shall be filled with grout. In addition, where 6" blocks are used all cells without vertical reinforcing steel shall be filled with grout to top of bond beam at midheight of wall.

2. The block wall courses and footings may be built parallel with the street grade (7% max.) or stepped.

3. All walls shall be plumb.

4. Backfill shall be compacted to a minimum of 90%.

5. Footing shall be class 'B' concrete.

6. Concrete block shall be grade A units, conforming to ASTM designation No. C90.

7. Reinforcing steel, grout mortar, and class 'B' concrete shall conform to the standard specifications.

8. Eliminate mortar in all vertical joints in first course above finish grade.

9. 1/2" open joints extending through the entire height of the block wall, shall be spaced at a maximum of 50'.

10. Eliminate mid-height bond beam in walls where H=4" or less.
Town of
Yucca Valley

SECTIONAL MONUMENTS

STANDARD DRAWING NO. M2

LEON OWSLEY
L.S. 6972

APPROVED: TOWN SURVEYOR

DATE 06/29/16

APPROVED:  

LICENSED LAND SURVEYOR

STATE OF CALIFORNIA

No. L.S. 6972

T.5N. R.3E. R.4E.
S.1 S.6
S.12 S.7
20__
LS__

T.5N.
R.3E. R.4E.
S.36 S.31
S.6
20__
LS__

T.10N. R.6W. 1/4
S.11 S.12
20__
LS__

T.5N. R.6E.
S.30 S.29
S.31 S.32
20__
LS__

T.5N. R.3E. R.4E.
S.36 S.31
S.1 S.6
T.4N.
20__
LS__
NOTES:

On curves where the P.O. falls outside of the paved section or curbed section, monuments may be set and tied out on semi-tangents in lieu of B.C., E.C. a Mid-point being tied out. These monuments will be set within traveled way.

- Indicates set 1" L.P. with tag or alternate monument (i.e. tag in P.P., tag in wall footing, etc.)
- Indicates set copperweld
- Indicates set lead and tack with tag in curb.

Tags set as reference points shall be labeled "RP" and include the L.S. or RCE number.