


**NOTES:**

- 1.) ADDITIONAL RIGHT-OF-WAY MAY BE REQUIRED WHEN AN ARTERIAL HIGHWAY COINCIDES WITH AN ADOPTED ROUTE FOR AN ADDITIONAL PUBLIC FACILITY (I.E., PEDESTRIAN, BICYCLE, OR EQUESTRIAN TRAIL) OR FOR A SCENIC HIGHWAY.
- 2.) THICKNESS OF PAVEMENT SECTION TO BE DETERMINED BY R-VALUE TESTING PER CALTRANS DESIGN METHOD TEST 301 WITH RECOMMENDED SAFETY FACTOR, MINIMUM 0.50' AC / 1.00' CAB\*. R-VALUE = 50 MAXIMUM. AC SHALL BE PLACED IN LIFTS, AND THICKNESS OF EACH LIFT SHALL NOT EXCEED 3".
- 3.) MINIMUM TI = 10, TRUCK ROUTES SHALL BE 12.
- 4.) HALF WIDTH STREETS SHALL BE CONSTRUCTED TO A WIDTH OF 1/2 STREET WIDTH PLUS 18'.
- 5.) ALTERNATE ARTERIAL IS TO BE USED IN THE FOLLOWING CIRCUMSTANCES:
  - a.) SPECIFIC PLANS OR OTHER LARGE RESIDENTIAL, INDUSTRIAL, OR COMMERCIAL DEVELOPMENTS WHERE ADDITIONAL RIGHT-OF-WAY CAN BE ACCOMMODATED OVER THE BREADTH OF A LARGE AREA, CAUSING LESS CONFLICT WITH MINIMUM LOT SIZE OR OTHER DEVELOPMENT REQUIREMENTS.
  - b.) WHERE CONFLICTS WITH UTILITIES EXIST (E.G., THE 30" HIGH PRESSURE GAS MAIN RUNNING ALONG THE NORTH SIDE OF COTTONWOOD AV; THE HIGHGROVE HIGH VOLTAGE TRANSMISSION LINE RUNNING DOWN PIGEON PASS RD/FREDERICK ST).
  - c.) WHERE PARKWAYS MUST BE EXPANDED TO ALLOW FOR ADDITIONAL PUBLIC FACILITIES.
  - d.) OTHER LOCATIONS AS APPROVED BY THE CITY ENGINEER.

\* MINIMUM 0.67' AC / 1.00' CAB ON STREETS DESIGNATED AS TRUCK ROUTES

NOT TO SCALE

	RECOMMENDED: <i>Wesley Sam</i> 2/1/2022 <small>DIVISION MANAGER DATE</small>	<h2 style="margin: 0;">CITY OF MORENO VALLEY</h2> <p style="margin: 0;">PUBLIC WORKS DEPARTMENT - TRANSPORTATION ENGINEERING DIVISION</p>	<small>STANDARD PLAN</small> <b>MVSI-104B-1</b>
	APPROVED: <i>[Signature]</i> 2/4/22 <small>PUBLIC WORKS DIRECTOR / DATE CITY ENGINEER</small>	<h3 style="margin: 0;">ALTERNATE ARTERIAL</h3>	