



**PAVEMENT SECTION CHART  
COMPONENT THICKNESS (INCHES)**

STREET FUNCTIONAL CLASSIFICATION	LEVEL HMAC	TOP LIFT HMAC THICKNESS	BASE LIFT HMAC THICKNESS	LEVELING COURSE THICKNESS	BASE ROCK COURSE THICKNESS
LOCAL	2	2"	ONE LIFT 2"	2"	10"
LOCAL COMMERCIAL/ INDUSTRIAL	3	2-1/2"	ONE LIFT 2-1/2"	3"	12"
NEIGHBORHOOD	2	2"	ONE LIFT 2"	2"	10"
COLLECTOR	3	2-1/2"	ONE LIFT 2-1/2"	3"	12"
ARTERIAL	3	2-1/2"	TWO LIFTS 2-1/2"	3"	12"
PRIVATE	2	3"	NA	2"	8"

**NOTES:**

1. MATERIALS AND PLACEMENT OF THE ASPHALTIC CONCRETE PAVEMENT (ACP) SHALL CONFORM TO THE REQUIREMENTS DELINEATED IN SECTION 00744.40 OF THE ODOT/APWA, OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, EXCEPT AS MODIFIED BY THE CITY AND/OR APPROVED BY CITY ENGINEER.
2. ACP SHALL BE COMPACTED TO A MINIMUM OF 91% MAMD FOR BASE LIFT AND 92% MAMD FOR TOP LIFT.
3. THE TOP LIFT OF ACP SHALL BE PLACED PRIOR TO CITY FINAL ACCEPTANCE OF PUBLIC INFRASTRUCTURE IMPROVEMENTS.
4. THE FINAL LIFT OF ACP SHALL NOT BE PLACED UNTIL ALL UTILITIES WITHIN THE ROADWAY HAVE BEEN INSTALLED AND ACCEPTED.
5. CRUSHED AGGREGATE USED FOR BASE ROCK AND LEVELING COURSE SHALL CONFORM TO THE REQUIREMENTS DELINEATED IN SECTION 02630 – BASE AGGREGATE, OF THE ODOT/APWA, OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION. MAXIMUM MOISTURE DENSITY BY AASHTO T-180 ASTM D-1557 AS SPECIFIED.
6. 1/2" DENSE ACP MAY BE USED IN-LIEU-OF 3/4" DENSE ACP FOR THE BASE LIFT OF ASPHALT.
7. PAVEMENT DESIGN SHALL BE BASED ON SITE SPECIFIC CONDITIONS. THE ABOVE PAVEMENT SECTIONS REPRESENT THE MINIMUM THICKNESS AFTER COMPACTION.
8. THE ENGINEER OF RECORD IS RESPONSIBLE FOR DESIGNING AND CONSTRUCTING AN ADEQUATE STRUCTURAL SECTION.
9. DEVELOPER/CONTRACTOR IS TO PROVIDE AC TESTING FOR BOTH LIFTS OF AC PER ODOT SPECIFICATION 00744. COMPACTION TESTING SHALL BE DONE EVERY 100 TO 200 LINEAL FEET OF PAVEMENT.
10. FOR IMPROVEMENTS TO EXISTING STREETS, FINAL SAWCUT LINES AND RESTORATION LIMITS SHALL BE DETERMINED BY CITY ENGINEERING PRIOR TO COMMENCEMENT OF WORK.

**CITY OF HAPPY VALLEY  
ENGINEERING DIVISION**  
16000 SE MISTY DRIVE  
HAPPY VALLEY, OR 97086

<b>DWG NO: 160</b>	<b>PAVEMENT SECTIONS</b>	
CITY ENGINEER SALLY CURRAN, P.E.	DATE: 04/22/2024	REVISED BY: KMA