


**NOTES:**

1. DRAWING No. W-142A SHALL BE USED FOR NEW CONSTRUCTION WITH SIDEWALK. DRAWING No. W-142B SHALL BE USED FOR NEW OR RETROFIT CONSTRUCTION WHERE NO SIDEWALK IS EXISTING OR PROPOSED. DRAWING No. W-142C SHALL ONLY BE USED FOR RETROFIT CONSTRUCTION WHERE APPROVED BY COUNTY ENGINEER.
2. COMMERCIAL DRIVEWAYS TO USE 10-INCH THICK P.C.C. VALLEY GUTTER WITH EXTENDED CONCRETE APRON (DRAWING Nos. W-134A AND W-134B).
3. THESE DETAILS SHALL BE USED FOR ALL TYPES OF CONCRETE CURB, GUTTER AND ASPHALT BERM.
4. PORTLAND CEMENT CONCRETE (PCC) SHALL BE A MINIMUM 4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS WITH MINIMUM 6.25 SACKS OF TYPE II CEMENT (588 LBS) PER CUBIC YARD OF CONCRETE, A MAXIMUM WATER/CEMENT RATIO OF 0.45, 4.5-7.5% AIR ENTRAINMENT, AND SLUMP SHALL RANGE FROM A MINIMUM OF 1" TO A MAXIMUM OF 4". IF P.C.C. DRIVEWAY APRON IS COLORED CONCRETE, CONCRETE SHALL BE A MINIMUM OF 7 SACKS OF TYPE II CEMENT (658 LBS) PER CUBIC YARD OF CONCRETE WITH A MINIMUM 4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS AND 4.5-7.5% AIR ENTRAINMENT.
5. ALL MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), EXCEPT WHERE SPECIFIED IN WASHOE COUNTY DETAILS AND SPECIFICATIONS.
6. CONCRETE SHALL BE FINISHED AND CURED IN ACCORDANCE WITH METHODS FOUND IN THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
7. REINFORCING FOR ALL DRIVEWAY APRONS/CURB/GUTTERS SHALL CONSIST OF COLLATED, FIBRILLATED, POLYPROPYLENE FIBERS AS MANUFACTURED BY FIBERMESH, OR APPROVED EQUAL, AND SHALL BE ADDED AT A RATE OF 1.5 LBS PER CUBIC YARD OF CONCRETE.
8. CONCRETE FOR DRIVEWAY APRON SHALL RECEIVE A MEDIUM BROOM FINISH.
9. REMOVE CONCRETE WHEN CONSTRUCTING DRIVEWAY WHERE CURB, GUTTER AND/OR SIDEWALK EXISTS. CURB REMOVAL SHALL BE TO NEAT SAWCUT LINES AND ALONG LIP OF GUTTER. ALL UNUSED DEPRESSED CURB SHALL BE REMOVED AND REPLACED WITH FULL HEIGHT CURB. CURB AND GUTTER AND APRON MAY BE POURED MONOLITHIC.
10. AGGREGATE BASE SHALL BE TYPE 2 CLASS B COMPACTED TO 95% MINIMUM RELATIVE COMPACTION PER ASTM D-1557.
11. SUBGRADE SHALL BE COMPACTED TO 90% MINIMUM RELATIVE COMPACTION. IF EXPANSIVE OR UNSUITABLE MATERIALS ARE ENCOUNTERED AT SUBGRADE ELEVATION, THE SOILS SHALL BE OVER-EXCAVATED TO CONFORM TO THE SOILS REPORT OR REQUIREMENTS OF WASHOE COUNTY. THE SUBGRADE SHALL BE INSPECTED AND APPROVED BY WASHOE COUNTY PRIOR TO PLACEMENT OF AGGREGATE BASE.
12. MAXIMUM SLOPE ON DRIVEWAYS SHALL BE 14%.
13. WASHOE COUNTY MAY REQUIRE THREE (3) 2" DIAMETER CORES TO VERIFY THICKNESS OF CONCRETE APRON. THE AVERAGE DEPTH OF THE 3 CORES SHALL BE A MINIMUM OF 8". APRONS NOT MEETING THE MINIMUM 8" DEPTH AS ESTABLISHED BY THE CORES SHALL BE REMOVED AND REPLACED.
14. NO EQUIPMENT SHALL BE PERMITTED ADJACENT TO OR ACROSS THE DRIVEWAY APRON UNTIL THE FOURTH DAY FOLLOWING PLACEMENT OF THE CONCRETE, OR UNTIL THE CONCRETE HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
15. EVAPORATION REDUCERS SHALL BE APPLIED IMMEDIATELY AFTER INITIAL CURING.

<b>DATE</b>	<b>REVISIONS</b>		<b>STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION</b>	<b>SECTION NUMBER:</b>
			<b>P.C.C. DRIVEWAY APRON</b>	<b>100</b>
			<b>NOTES</b>	<b>DRAWING NUMBER:</b>
				<b>W-142D</b>
				<b>DATE:</b>
				<b>2/21/2022</b>