

ROADWAY PAVEMENT STRUCTURAL SECTIONS

STREET CLASSIFICATION	MINIMUM TRAFFIC INDEX ①	REFERENCE STANDARD DRAWING NUMBER	AC PAVEMENT TYPE ⑤	MINIMUM AC PAVEMENT SECTION ①	MINIMUM AC FULL-DEPTH SECTION ②	MINIMUM PCC PAVEMENT SECTION ④
ALLEY ③	5.5	1111	BASE PAVE: B-PG 64-10 2" CAP PAVE: ARHM-GG- C-PG 64-16	4"AC/6" CAB	7" AC	N/A
LOCAL STREET ③	5.5	1051, 1052		4"AC/6" CAB	7" AC	N/A
LOCAL INDUSTRIAL STREET ③ / COLLECTOR STREET	8	1053, 1054		6"AC/8" CAB	10" AC	N/A
MINOR ARTERIAL/OTHER PRINCIPAL ARTERIAL	10	1055, 1056, 1057		7"AC/8" CAB	11" AC	N/A
OTHER PRINCIPAL ARTERIAL / TRUCK ROUTES	12	1058, 1059, 1060, 1061		8"AC/10" CAB	12" AC	10" PCC/ 6" CAB

NOTES

- ① PAVEMENT STRUCTURAL SECTION SHALL BE INDICATED ON THE CONSTRUCTION PLANS AND SHALL BE DETERMINED BY A SOIL TEST UTILIZING THE TRAFFIC INDEX PROVIDED BY THE CITY ENGINEER AND A MAXIMUM R-VALUE OF 50. IF THE RECOMMENDED STRUCTURAL SECTION DIFFERS FROM THIS STANDARD DRAWING, THE THICKER SECTION OF THE TWO SHALL BE CONSTRUCTED.
- ② FULL-DEPTH AC SECTION MAY ONLY BE USED FOR TRENCH REPAIRS WITH A MAXIMUM WIDTH OF 12". OTHER APPLICATIONS ARE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
- ③ THIS STANDARD DRAWING APPLIES TO BOTH PUBLIC AND PRIVATE STREETS UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- ④ CONCRETE PAVEMENT SHALL MEET CURRENT GREENBOOK STANDARDS AND SPECIFICATIONS.
- ⑤ ASPHALT CONCRETE (AC) SHALL BE IN ACCORDANCE WITH CURRENT GREENBOOK AND SPECIFICATIONS.
- ⑥ SLURRY SHALL BE TYPE II-PMCQS-1H WITH 4.5% MIN. LATEX, CONFORMING TO GREENBOOK SECTION 203-5.4.
- ⑦ CONTRACTOR SHALL MAINTAIN A MINIMUM ASPHALT OF 4" AT ALL TIMES DURING CONSTRUCTION. AT THE TIME OF STREET ACCEPTANCE, IF ASPHALT CRACKING/DISTRESS HAS OCCURRED, ADDITIONAL PAVEMENT REPAIR MAY BE REQUIRED.



APPROVED BY:	5-22-24
	DATE
KHOI DO, CITY ENGINEER	RCE: 62809
RECOMMENDED BY:	5/15/24
	DATE
BRYAN LIRLEY, ASSISTANT CITY ENGINEER	RCE: 70990

CITY OF ONTARIO	
MINIMUM PAVEMENT STRUCTURAL SECTIONS	1011
STANDARD DRAWING NUMBER	