

TYPE		Heavy Haul Industrial Corridors	Port Area Arterials	Non-classified Port-Area Roadways	Primary Transit Streets	Principal Arterials	Minor Arterials	Collector Arterials	Nonclassified Arterials and Commercial Alleys	Residential	Residential Alleys	Shared use Paths and Trails
Standard Asphalt Pavement Section	HMA	10	10	8	8	8	6	6	5	4	2	2
	CSTC	2	2	2	2	2	2	2	2	2	2	2
	CSBC	26	24	22	16	14	14	9	8	10	6	2
Minimum Asphalt Pavement Section with Approved Design	HMA	8	8	6	6	6	6	4	4	3	2	2
	CSTC	2	2	2	2	2	2	2	2	2	2	2
	CSBC	10	10	10	10	8	6	6	6	5	4	2
Minimum Concrete Pavement Section with Approved Design	<i>Concrete Streets are allowed with approved supporting design.</i>											
	PCC	10	10	8	10	10	10	8	8	8	8	4
	CSBC	2	2	2	2	2	2	2	2	2	2	2
Standard Porous Asphalt Pavement Section	HMA	NA	NA	Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	4	2	3
	ATPB			Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	4	3	0
	Permeable Base			Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	6 (Note 7)	4 (Note 7)	4 (Note 7)
Minimum Porous Asphalt Pavement Section with Approved Design	HMA	NA	NA	Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	2	2	3
	ATPB			Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	3	3	0
	Permeable Base			Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	6 (Note 7)	6 (Note 7)	4 (Note 7)
Minimum Pervious Concrete Section	PCPC	NA	NA	Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	8	7	7
	Permeable Base			Note 6	Note 6	Note 6	Note 6	Note 6	Note 6	4 (Note 7)	4 (Note 7)	4 (Note 7)

NOTES:

- Standard Pavement Section shall be used when no custom design is provided
- Minimum Pavement Sections are the minimum acceptable pavement sections for custom designs
- Refer to the City of Tacoma Design Manual for additional road design information.
- Pavement sections for other facilities, such as parking lots, shall be substantiated by geotechnical analyses and design documentation.
- Pavement design for State routes shall be determined by the Washington State Department of Transportation.
- Contact Public Works Engineering to discuss acceptability and requirements for specific projects. Design required if acceptable.
- Minimum Structural Values, Hydrological Properties may require a thicker base.
- Permeable pavement shall be designed or reviewed by a geotechnical professional. All custom designs shall be stamped by a Washington State licensed professional engineer. Calculations showing the required permeable ballast thickness necessary for stormwater control is required for all permeable pavement projects. Refer to the City of Tacoma Stormwater Management Manual.

NA = Not Allowed

<p>REVIEWED BY</p> <p><i>DCS</i> PUBLIC WORKS</p> <p><i>NA</i> TACOMA POWER</p>	<p><i>Gmj</i> ENVIRONMENTAL SERVICES</p> <p><i>NA</i> TACOMA WATER</p>	<p>APPROVED FOR PUBLICATION</p>  <p><i>[Signature]</i> CITY ENGINEER</p> <p><i>4/24/20</i> DATE</p>	<p>CITY OF TACOMA PAVEMENT DESIGN STANDARDS</p> <p>STANDARD PLAN NO. _____</p> <p>SHEET 2 OF 2 PD-01</p>
--	--	---	---