PAVEMENT DESIGN - AASHTO METHOD

SEE STD. PLAN PD-01 FOR INPUT IN DOUBLE BOXES () SOIL TEST RESULTS MUST BE SUBMITTED WITH THIS WORKSHEET.	
STREET CLASSIFICATION: INITIAL AADT:	
DESIGN LIFE: 20 YEARS DESIGN (EAL.):	APH OR
$SN = (A_1D_1) + (A_2D_2) + (A_3D_3) \dots + (A_nD_n)$	
STRUCTURAL COEFFICIENT FOR STANDARD HMA:	
	A = 0.44
ASPHALT TREATED BASE	A = 0.34
CSTC OR CSBC	A = 0.14
BALLAST	A = 0.10
PULVERIZED ASPHALTIC CONCRETE	A = 0.14
STANDARD HMA SHALL BE A MINIMUM OF CLASS 1/2" PG 64-22	
STRUCTURAL COEFFICIENT FOR POROUS HMA (PHMA):	
POROUS HMA	A = 0.40
ASPHALT TREATED PERMEABLE BASE	A = 0.30
PERMEABLE BALLAST	A = 0.10
POROUS HMA BINDER SHALL BE CLASS $\frac{1}{2}$ " PG 70-22ER POLYMER MODHIGHER GRADE.	OIFIED OR

- * AASHTO T193: THE CALIFORNIA BEARING RATIO
- ** AASHTO GUIDE FOR DESIGN OF PAVEMENT STRUCTURES

REVIEWED BY

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DCS

ENVIRONMENTAL SERVICES

NA **TACOMA POWER TACOMA WATER**



APPROVED FOR PUBLICATION

CITY OF TACOMA **PAVEMENT DESIGN** WORKSHEET

STANDARD PLAN NO. CITY ENGINEER

PD-02