PAVEMENT DESIGN STANDARDS

1. TRANSVERSE LIMITS OF PAVING SUBGRADE PREP SHALL EXTEND TO A MIN OF 1 FOOT BEYOND THE BACK OF CURB.

2. FOR TRANSVERSE PAVEMENT STRUCTURE EXTENDING BELOW BOTTOM OF CURB:
   A. AGGREGATE BASE COURSE (ABC), TREATED ABC, TREATED SUBGRADE SOILS, AND ASPHALT CONCRETE (AC) STRUCTURE EXTENDING MORE THAN 1/2 INCH BELOW THE BOTTOM OF A CURB OR CURB & GUTTER SHALL EXTEND TRANSVERSELY UNDER AND BEHIND THE CURB OR CURB & GUTTER TO A MIN OF 1 FOOT BEYOND THE BACK OF CURB.
   B. SEE TABLE FOR LIFT MATERIAL REQUIREMENTS.

3. CITY STANDARD PAVEMENT DESIGNS BASED ON AN R–VALUE ≥ 50 AND MAXIMUM TRAFFIC VOLUMES DEFINED BELOW:
   a. LOCAL RESIDENTIAL STREETS (SEE STD. DWG 2405 A)
      ROADWAY PROVIDES ACCESS TO A MAXIMUM OF 50 RESIDENTIAL LOTS OR HAS A MAXIMUM AWDT OF 500.
   b. MAJOR LOCAL STREETS (SEE STD DWG 2405 B)
      ROADWAY TO HAVE A MAXIMUM AWDT OF 3000.
   c. ROADS CLASSIFIED ON THE LONG RANG MAJOR STREET PLAN REQUIRE A PAVEMENT DESIGN IN ACCORDANCE WITH SECTION 7 OF THE DEVELOPMENT PROCESS MANUAL

PAVEMENT CONSTRUCTION MATERIALS

MATERIAL	COMPACTED LIFTS [1] MINIMUM	COMPACTED LIFTS [1] MAXIMUM	NOTES	CONSTRUCTION TOLERANCES [3]
FILL	4"	8"	SEE SECTION 204	± 1 1/4" (0.10 FT)
SUBGRADE	4"	8"	SEE SECTION 301	± 1 1/4" (0.10 FT)
AGGREGATE BASE COURSE (ABC)	4"	6"	SEE SECTION 302	± 1/2" (0.04 FT)
BITUMINOUS TREATED BASE (BTB)	4"	6"	SEE SECTION 305	± 1/2" (0.04 FT)
CONCRETE TREATED BASE (CTB)	4"	6"	SEE SECTION 307	± 1/2" (0.04 FT)
ASPHALT CONCRETE (AC)			SEE SECTION 116	
TYPE A, SP–II	3"	4"		± 1/4" (0.02 FT)
TYPE B, SP–III [3]	2 1/2"	4"		± 1/4" (0.02 FT)
TYPE C, SP–IV	1 1/2"	3"		± 1/4" (0.02 FT)
TYPE D, SP–IV	1"	2"		± 1/4" (0.02 FT)
TREATED SOILS	4"	8"	SEE SECTION 304	

[1] THE LIFT THICKNESS/DEPTH(S) FOR A PAVEMENT SECTION SHALL BE IDENTIFIED IN TYPICAL PAVEMENT SECTIONS ON A PROJECT'S PLANS AND IN A PROJECT'S SPECIFICATIONS.

[2] MEASURED WITH A 10–FOOT STRAIGHT EDGE IN ANY DIRECTION.

[3] MINIMUM LIFT THICKNESS CAN BE 2" WITH ENGINEER APPROVAL

REVISIONS	CITY OF ALBUQUERQUE
	PAVING PAVEMENT DESIGN STANDARDS DWG. 2400 OCTOBER 2022