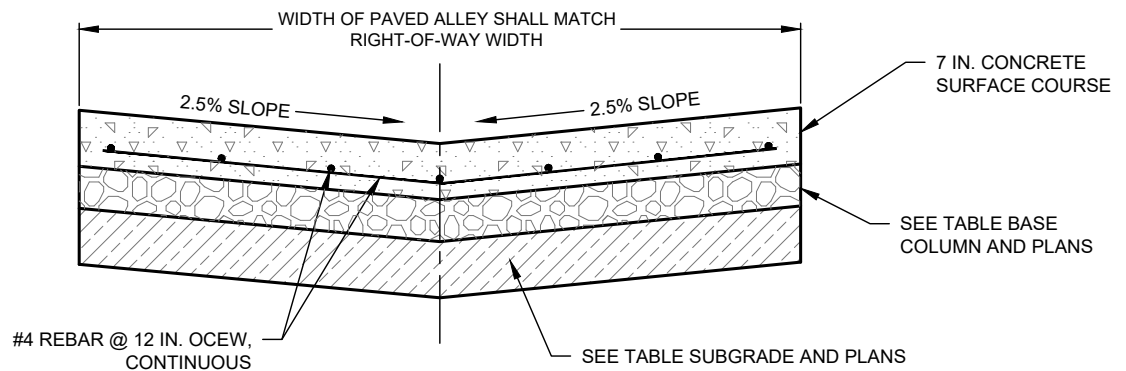


PLAN VIEW



SECTION VIEW

NOTES:

1. ALLEYS IN RESIDENTIAL BLOCKS SHALL HAVE A MINIMUM RIGHT-OF-WAY WIDTH OF 20 FEET.
2. ALLEYS IN COMMERCIAL AREAS SHALL HAVE A MINIMUM RIGHT-OF-WAY WIDTH OF 30 FEET.
3. ALLEY INVERT SHALL BE CARRIED THROUGH DRIVEWAY APRON. TRANSITION SHALL TERMINATE PER DETAIL ABOVE.
4. SEE DRIVE APPROACH DETAILS FOR ADDITIONAL REQUIREMENTS.
5. NO LONGITUDINAL CONTRACTION JOINT SHALL BE PLACED FOR ALLEYS 20 FT. < IN WIDTH. FOR ALLEYS > 20 FT. IN WIDTH TWO LONGITUDINAL CONTRACTION JOINTS SHALL BE PLACED EACH 1/3 THE WIDTH OF THE ALLEY FROM NEAREST LONGITUDINAL EDGE OF ALLEY IN ACCORDANCE WITH [ST-9](#).
6. TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED AT 20 FT. AND SHALL BE IN ACCORDANCE WITH [ST-9](#).
7. TRANSVERSE EXPANSION JOINTS SHALL BE SPACED AT MAXIMUM SPACING OF 600 FT. AND PLACED AT EACH DRIVE APPROACH IN ACCORDANCE WITH DRIVE APPROACH DETAILS AND [ST-9](#).

RIGID PAVEMENT SECTION (P.C. CONCRETE)			
P.I. OF SUBGRADE	P.C. CONCRETE	BASE	SUBGRADE
P.I. ≤ 20	7 IN.	4 IN. CTB ^{a,b}	COMPACTED
20 < P.I. < 40	7 IN.	-	6 IN. LSS ^c
P.I. ≥ 40	7 IN.	-	8 IN. LSS ^c

MATERIALS SHALL BE COMPACTED IN ACCORDANCE WITH [G-1C](#).

- ALTERNATE: 4 IN. RECYCLED CRUSHED CONCRETE (TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION ITEM 247 FLEXIBLE BASE TYPE D GRADE 1-2 WITH MINIMUM P.I. OF FOUR).
- REQUIRES BOND BREAKER CONSISTING OF 10 MIL POLYETHYLENE BETWEEN CEMENT TREATED BASE (CTB) AND P.C. CONCRETE PAVEMENT UNLESS ALTERNATE TO CTB IS USED.
- LIME STABILIZED SUBGRADE.

STANDARD ALLEY DETAILS

(NO SCALE)



ENGINEERING DIVISION

DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE "TEXAS ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF WACO FOR ANY PURPOSE WHATSOEVER. THE CITY OF WACO ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.

REVISIONS			
NO.	COMMENTS	BY	DATE
1	REVISE NOTES UNDER TABLE	MZ	04/28/2025
##	DESCRIPTION	FL	MM/DD/YYYY

DATE
01/01/2024

ST-4