

#### NOTES:

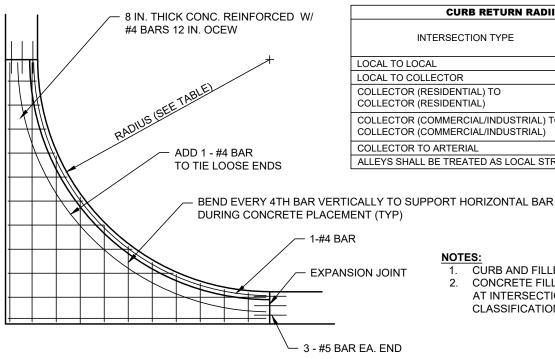
- IF FILLETS ARE NOT EXISTING, VALLEY AND FILLETS SHALL EACH BE MONOLITHIC WHEN CURB AND GUTTER IS CALLED
- UPSTREAM RETURN IN VALLEY SHALL BE CONSTRUCTED SO WATER WILL NOT POND.
- IF RUNOFF IS BEING CONVEYED ACROSS THE STREET AT AN INTERSECTION, A STANDARD VALLEY SHALL BE REQUIRED.
- FOR NEW OR RECONSTRUCTION OF PAVEMENT, SUBSTITUTE TOP 8 IN. OF PAVEMENT STRUCTURE PER PLANS WITH 8 IN. 3,000 PSI CONCRETE

		FOR PLACEMENT OF STANDARD CONCRETE VALLEY AND FILLET IN EXISTING PAVEMENT						
	P.I. OF SUBGRADE	PORTLAND CEMENT CONCRETE	BASE	SUBGRADE				
	P.I. ≤ 20	8 IN.	4 IN. CTB <sup>a,b</sup>	COMPACTEDb				
	20< P.I. < 40	8 IN.	-	6 IN. LSS				
ſ	P.I. ≥ 40	8 IN.	-	8 IN. LSS				

- a. SUBSTITUTE: 4 IN. RECYCLED CRUSHED CONCRETE (TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION ITEM 247 FLEXIBLE BASE TYPE D, GRADE 1-2, EXCLUDING TYPE A MATERIALS, WITH A MINIMUM P.I. OF FOUR).
- COMPACTED TO 95% DENSITY OF MAXIMUM DENSITY PER TEST PROCEDURE TEX-114-E.

## STANDARD CONCRETE VALLEY

(NO SCALE)



CURB RETURN RADII CRITERIA					
INTERSECTION TYPE	MINIMUM CURB RETURN RADIUS (FEET)				
LOCAL TO LOCAL	20				
LOCAL TO COLLECTOR	20				
COLLECTOR (RESIDENTIAL) TO COLLECTOR (RESIDENTIAL)	25				
COLLECTOR (COMMERCIAL/INDUSTRIAL) TO COLLECTOR (COMMERCIAL/INDUSTRIAL)	30				
COLLECTOR TO ARTERIAL	30				
ALLEYS SHALL BE TREATED AS LOCAL STREETS					

### NOTES:

- CURB AND FILLET SHALL BE MONOLITHIC.
- CONCRETE FILLETS SHALL BE REQUIRED AT INTERSECTION CORNER OF ALL STREET CLASSIFICATIONS.

# CONCRETE CURB & GUTTER FILLET

(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			
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	##	DESCRIPTION	FL	MM/DD/YYYY			

DATE 01/01/2024