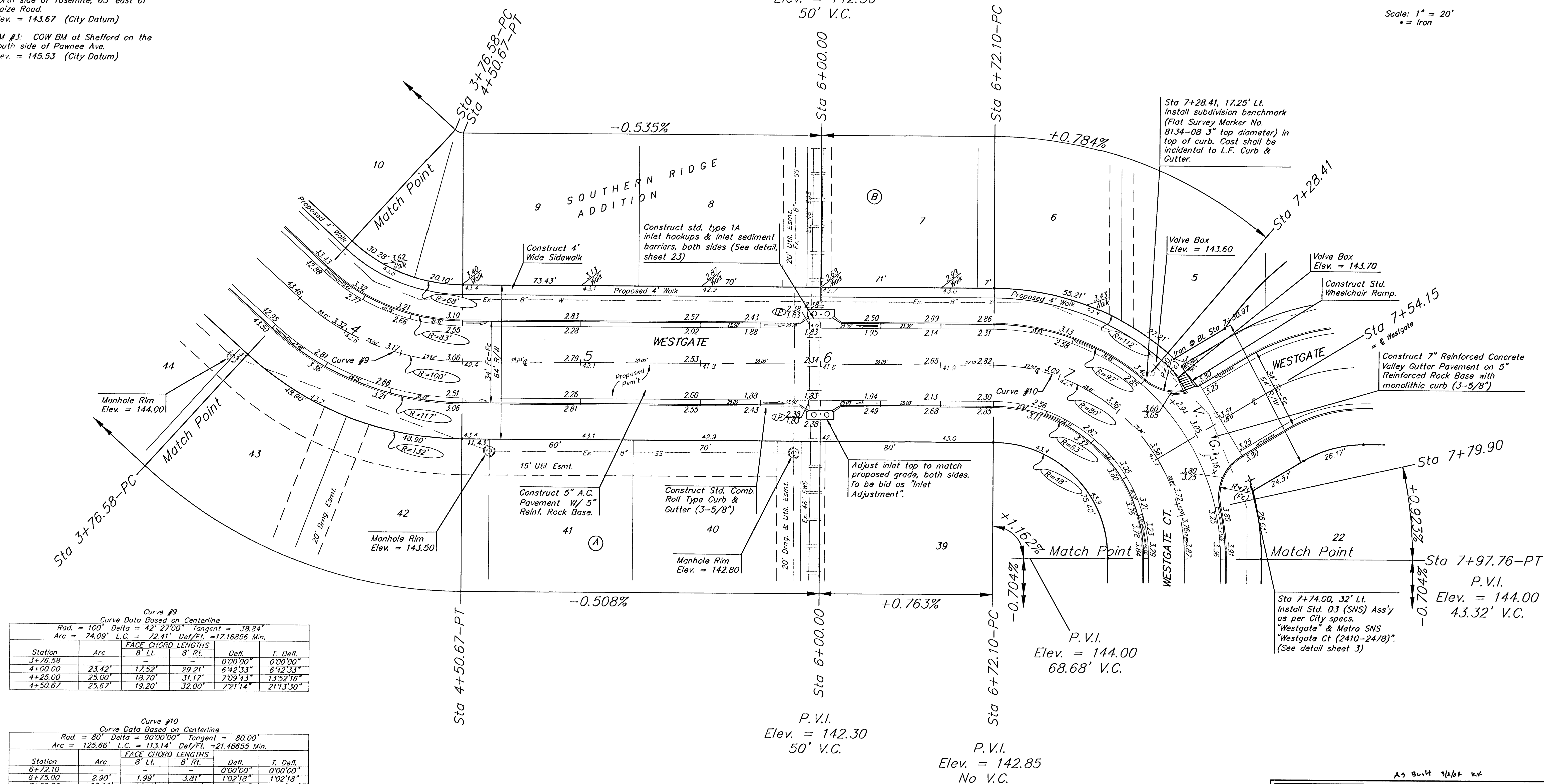


BM #3: COW BM at Shefford on the
south side of Pawnee Ave.
Elev. = 145.53 (City Datum)

P.V.I.
Elev. = 142.30
50' V.C.

Scale: 1" = 20'



Curve #9					
Curve Data Based on Centerline					
Rad. = 100', Delta = 42° 27'00" Tangent = 38.84'					
Arc = 74.09', L.C. = 72.41', Def/Ft. = 17.18856 Min.					
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		B' Lt.	B' Rt.		
3+76.58	—	—	—	0'00'00"	0'00'00"
4+00.00	23.42'	17.52'	29.21'	6'42'33"	6'42'33"
4+25.00	25.00'	18.70'	31.17'	7'09'43"	13'52'16"
4+50.67	25.67'	19.20'	32.00'	7'21'14"	21'13'30"

Curve #10						
Curve Data Based on Centerline						
Rad. = 80'		Delta = 90°00'00"		Tangent = 80.00'		
Arc = 123.66'		L.C. = 113.14'		Del/Fl. = ±21.48655 Min.		
Station	Arc	FACE CHORD	LENGTHS	Defl.	T. Defl.	
		8' RI.				
6+72.10	-	-	-	0°00'00"	0°00'00"	
6+75.00	2.90'	1.99'	3.81'	1°02'18"	1°02'18"	
7+00.00	25.00'	17'12"	32.68'	8°57'10"	9°39'28"	
7+25.00	25.00'	17'12"	32.68'	8°57'10"	18°56'38"	
7+28.41	3.41'	2.34'	4.49'	1°13'16"	20°09'54"	
7+50.00	21.59'	14.80'	28.25'	7°43'54"	27°53'48"	
7+54.15	4.15'	2.85'	5.45'	1°29'10"	29°22'58"	
7+75.00	20.85'	14.29'	27.29'	7°27'59"	36°50'58"	
7+79.90	4.90'	3.37'	6.43'	1°45'17"	38°36'15"	
7+97.76	17.86'	12.25'	23.39'	6°23'45"	45°00'00"	

NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

SOUTHERN RIDGE ADDITION WESTGATE STA 3+78.58 TO STA 7+97.78			
 BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER 472-83881			SHEET 11 OF 48
DESIGN <i>NBW</i>	DRAWN <i>TWS</i>	APPROVED	DATE <i>05/03</i> SCALE <i>Noted</i>