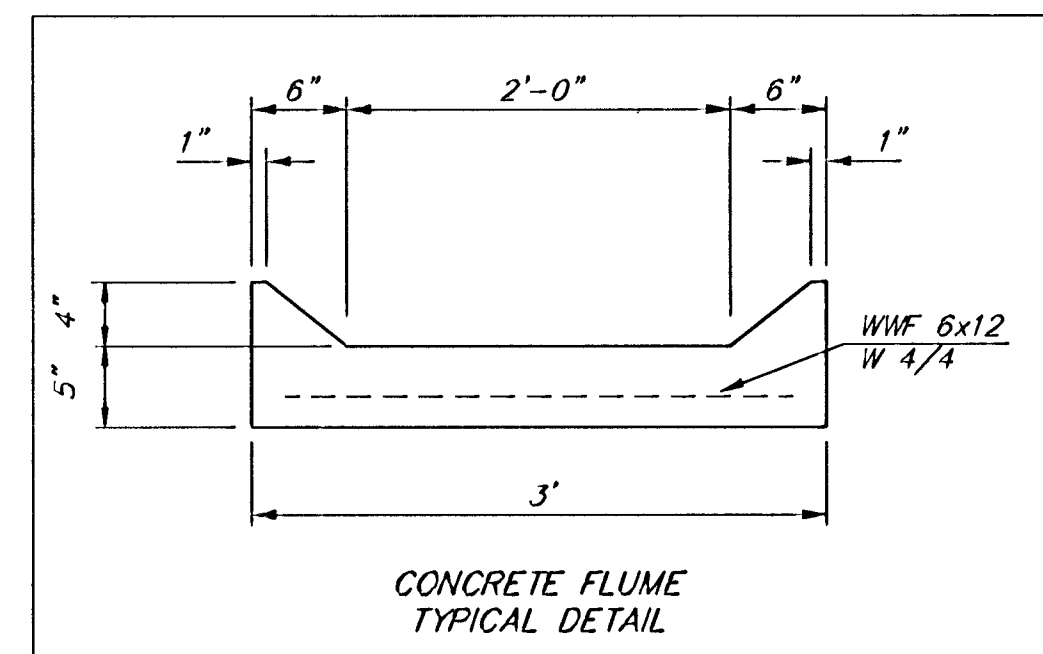
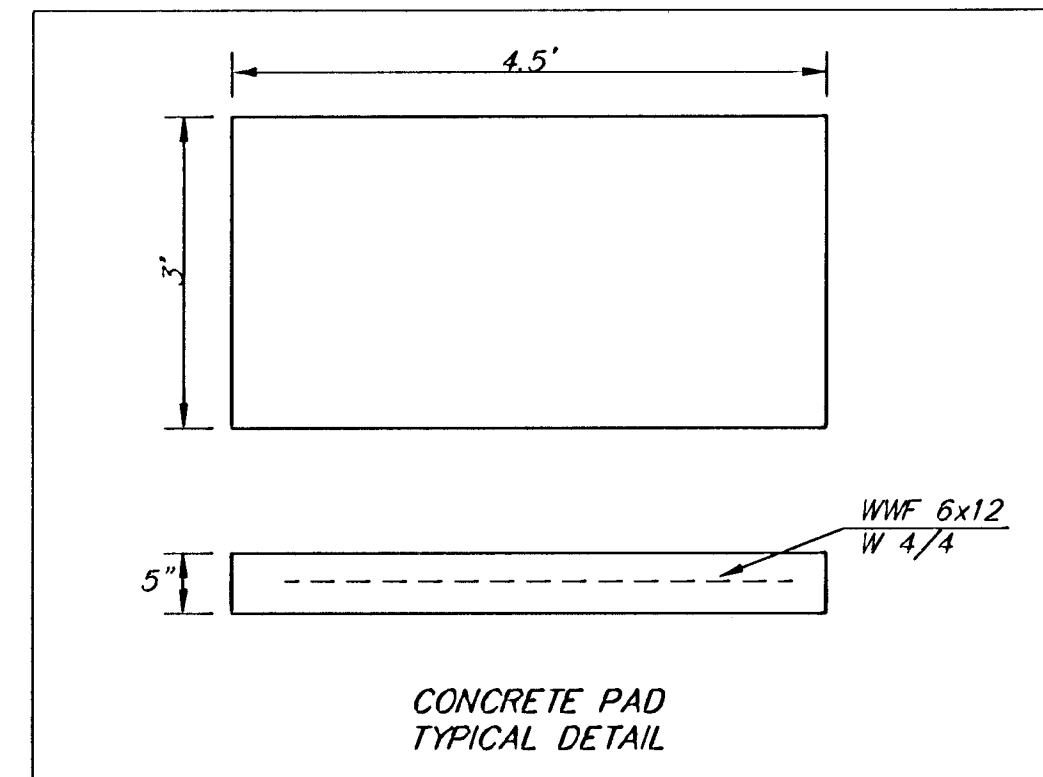


BM #3: COW BM at Shefford on the south side of Pawnee Ave.
Elev. = 145.53 (City Datum)



Curve #14

Curve Data Based on Centerline

Rad. = 100' Delta = 37°03'02" Tangent = 33.51'

Arc = 64.67' L.C. = 63.54' Def/Ft. = 17.18752 Min.

Station	Arc	FACE CHORD LENGTHS		Deflt.	T. Deflt.
		8' Lt.	8' Rt.		
+42+12.98				0'00"00"	0'00"00"
+42+25.00	12.02'	9.01'	15.01'	3'26.35"	3'26.35"
+42+50.00	25.00'	18.70'	31.17'	7'09.41"	10'36.17"
+42+75.26	7.26'	5.44'	9.07'	2'04.47"	12'41.04"
+42+75.00	17.74'	13.29'	22.14'	5'04.54"	17'45.58"
+42+77.65	2.65'	1.99'	3.31'	0'45.33"	18'31.31"

Curve #15

Curve Data Based on Centerline

Rad. = 117' Delta = 37°03'02" Tangent = 39.21'

Arc = 75.66' L.C. = 74.35' Del/Fl. = 14.69094' Min.

FACE CHORD LENGTHS					
Station	Arc	B' Lt.		Defl.	T. Defl.
Q	—			0°00'00"	0°00'00"
R	26.15'	27.88'		6°24'10"	6°24'10"
S	29.25'	31.17'		7°09'43"	13°33'52"
T	20.26'	21.62'		4°57'38"	18°31'31"

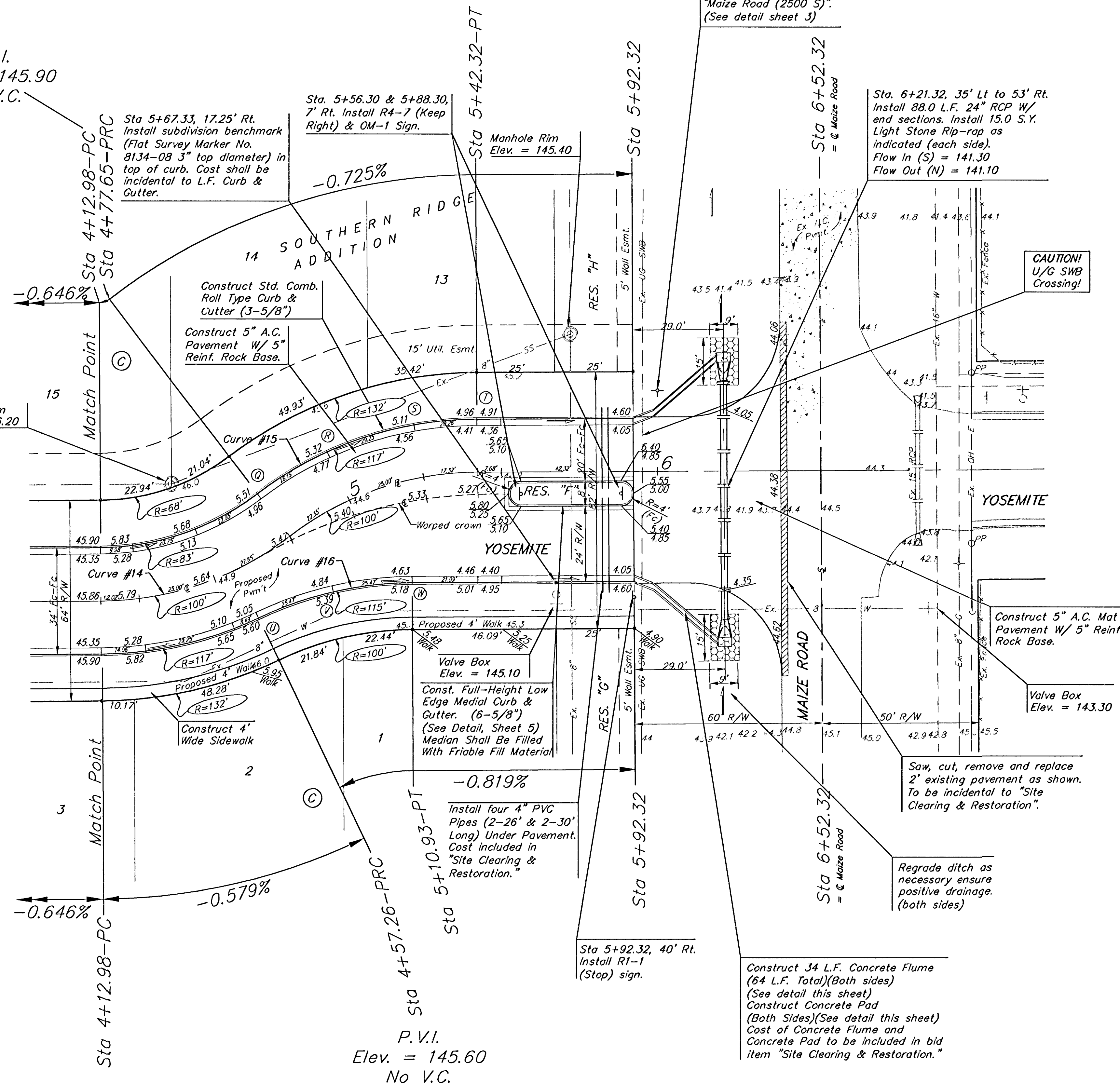
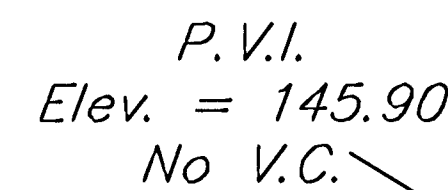
Curve #16

Curve Data Based on Centerline

Rad. = 115' Delta = 25° 22' 22" Tangent = 25.89'

Arc = 50.94' L.C. = 50.51' Def/Ft. = 14.94274 Min.

FACE CHORD LENGTHS				
Station	Arc	8' Rt.	Def.	T. Def.
U		0'00.00"	0'00.00"	
V	25.47'	23.64'	6'20.35"	6'20.35"
W	25.50'	23.67'	6'21.02"	12'41.39"



P.V.I.
Elev. = 145.90
No V.C.

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.

Contractor shall install permanent seed and curlex erosion control mat over all disturbed areas in Maize Rd. R/W.

As Built 7/4/04 WLC

SOUTHERN RIDGE ADDITION YOSEMITE STA 4+12.98 TO STA 8+62.32	
 BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211	
PROJECT NUMBER 472-03681	
DESIGN <i>NRW</i>	DRAWN <i>JMS</i>
APPROVED	DATE <i>05/03</i>
SCALE <i>Noted</i>	