

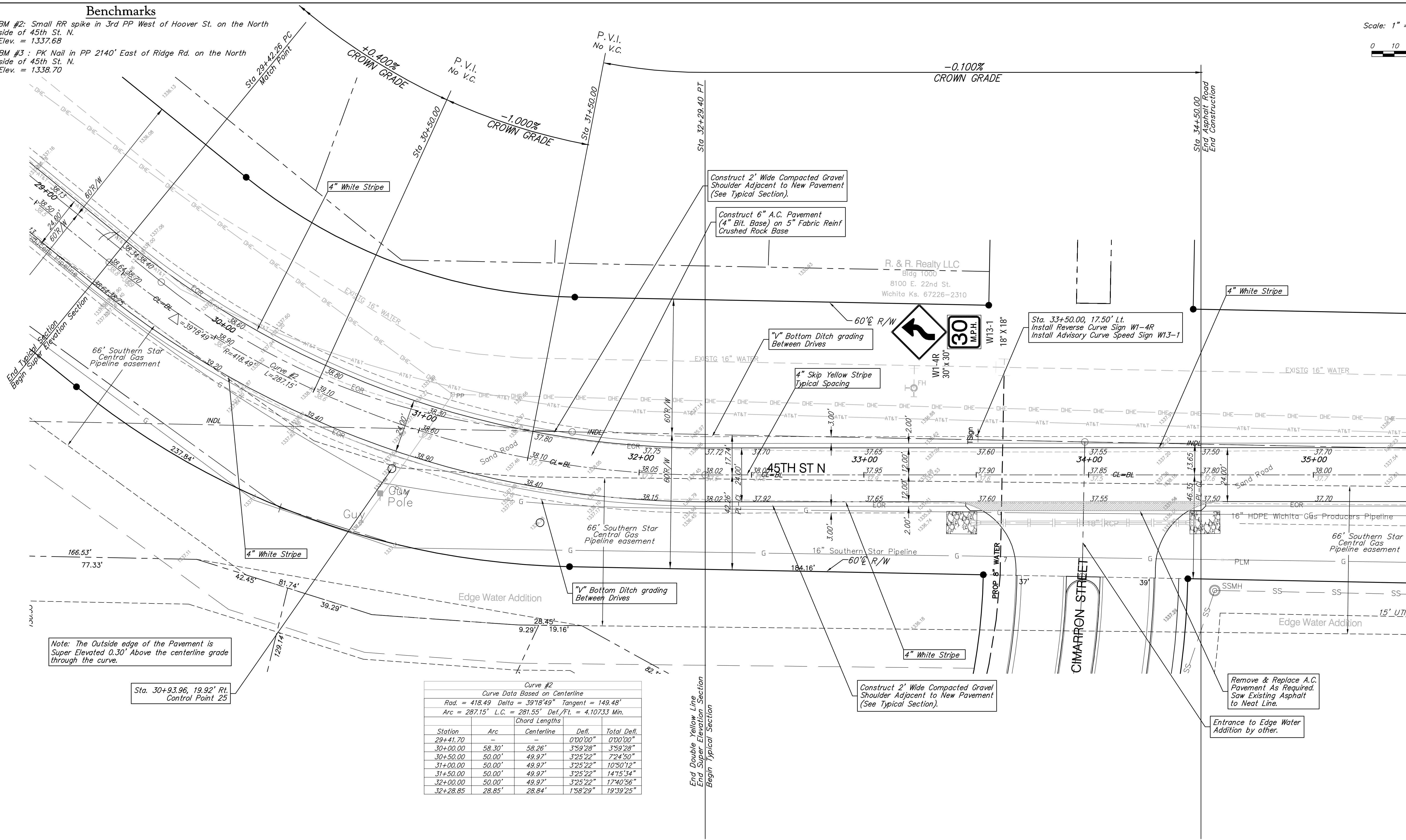
Benchmarks

BM #2: Small RR spike in 3rd PP West of Hoover St. on the North side of 45th St. N.
Elev. = 1337.68

BM #3: PK Nail in PP 2140' East of Ridge Rd. on the North side of 45th St. N.
Elev. = 1338.70

Scale: 1" = 20'

0 10 20



Note: The Outside edge of the Pavement is Super Elevated 0.30' Above the centerline grade through the curve.

Sta. 30+93.96, 19.92' Rt. Control Point 25

Curve #2 Curve Data Based on Centerline				
Rad. = 418.49 Delta = 39°18'49" Tangent = 149.48'				
Arc = 287.15' L.C. = 281.55' Def./Ft. = 4.10733 Min.				
Chord Lengths				
Station	Arc	Centerline	Defl.	Total Defl.
29+41.70	-	-	0°00'00"	0°00'00"
30+00.00	58.30'	58.26'	3°59'28"	3°59'28"
30+50.00	50.00'	49.97'	3°25'22"	7°24'50"
31+00.00	50.00'	49.97'	3°25'22"	10°50'12"
31+50.00	50.00'	49.97'	3°25'22"	14°15'34"
32+00.00	50.00'	49.97'	3°25'22"	17°40'56"
32+28.85	28.85'	28.84'	1°58'29"	19°39'25"

Drawing File: E:\Edgewater_45th Street Improvement\Land\dwg\base.dwg

Design: TCA
Drawn: TCA
Approved: JFB
Scale: 1:20

Project No. 0808E183 CAPITAL IMPROVEMENT PROJECT

45TH STREET PAVING
RIDGE ROAD TO CIMARRON STREET

Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

OCTOBER, 2008

SHEET 10 OF 25