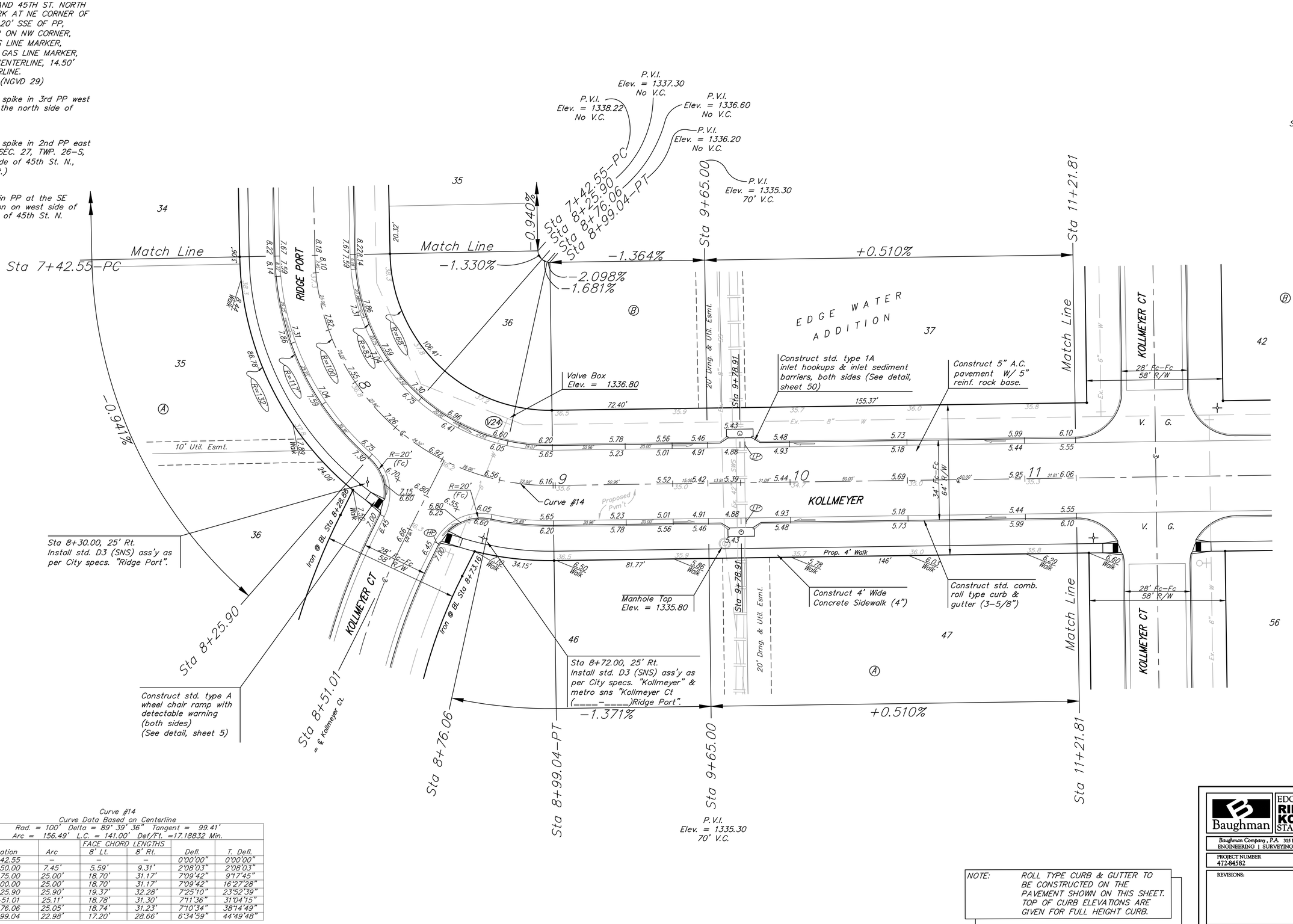
BENCHMARK:
BM #1: HOOVER AND 45TH ST. NORTH – COW BENCHMARK AT NE CORNER OF INTERSECTION, 10.20' SSE OF PP, 58.80' ESE OF PP ON NW CORNER, 85.50' NE OF GAS LINE MARKER, 59.00' NORTH OF GAS LINE MARKER, 28.50' EAST OF CENTERLINE, 14.50' NORTH OF CENTERLINE.
ELEV. = 1335.29 (NGVD 29)

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: Small RR spike in 2nd PP east of NW Corner of SEC. 27, TWP. 26–S, R–1–W. (North side of 45th St. N., west of Hoover St.)
Elev. = 1339.57

BM #4: 60d nail in PP at the SE corner of exception on west side of Hoover St., south of 45th St. N.
Elev. = 1335.26

Scale: 1" = 20'
• = Iron



Curve #14
Curve Data Based on Centerline
Rad. = 100' Delta = 89° 39' 36" Tangent = 99.41'
Arc = 156.49' L.C. = 141.00' Def/Ft. =17.18832 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
7+42.55	–	–	–	0°00'00"	0°00'00"
7+50.00	7.45'	5.59'	9.31'	2°08'03"	2°08'03"
7+75.00	25.00'	18.70'	31.17'	7°09'42"	9°17'45"
8+00.00	25.00'	18.70'	31.17'	7°09'42"	16°27'28"
8+25.90	25.90'	19.37'	32.28'	7°25'10"	23°52'39"
8+51.01	25.11'	18.78'	31.30'	7°11'36"	31°04'15"
8+76.06	25.05'	18.74'	31.23'	7°10'34"	38°14'49"
8+99.04	22.98'	17.20'	28.66'	6°34'59"	44°49'48"

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.

Baughman

EDGE WATER ADDITION - PH. I
RIDGE PORT/ KOLLMEYER
STA 7+42.55 TO STA 11+21.81

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
472-84582	ATD	TMS
REVISIONS:	APPROVED	DATE
		01/08
	SCALE	
	Noted	
	SHEET	
	20 OF **72**	

EdgeWater\Phase1\Str14 07-05-E838