

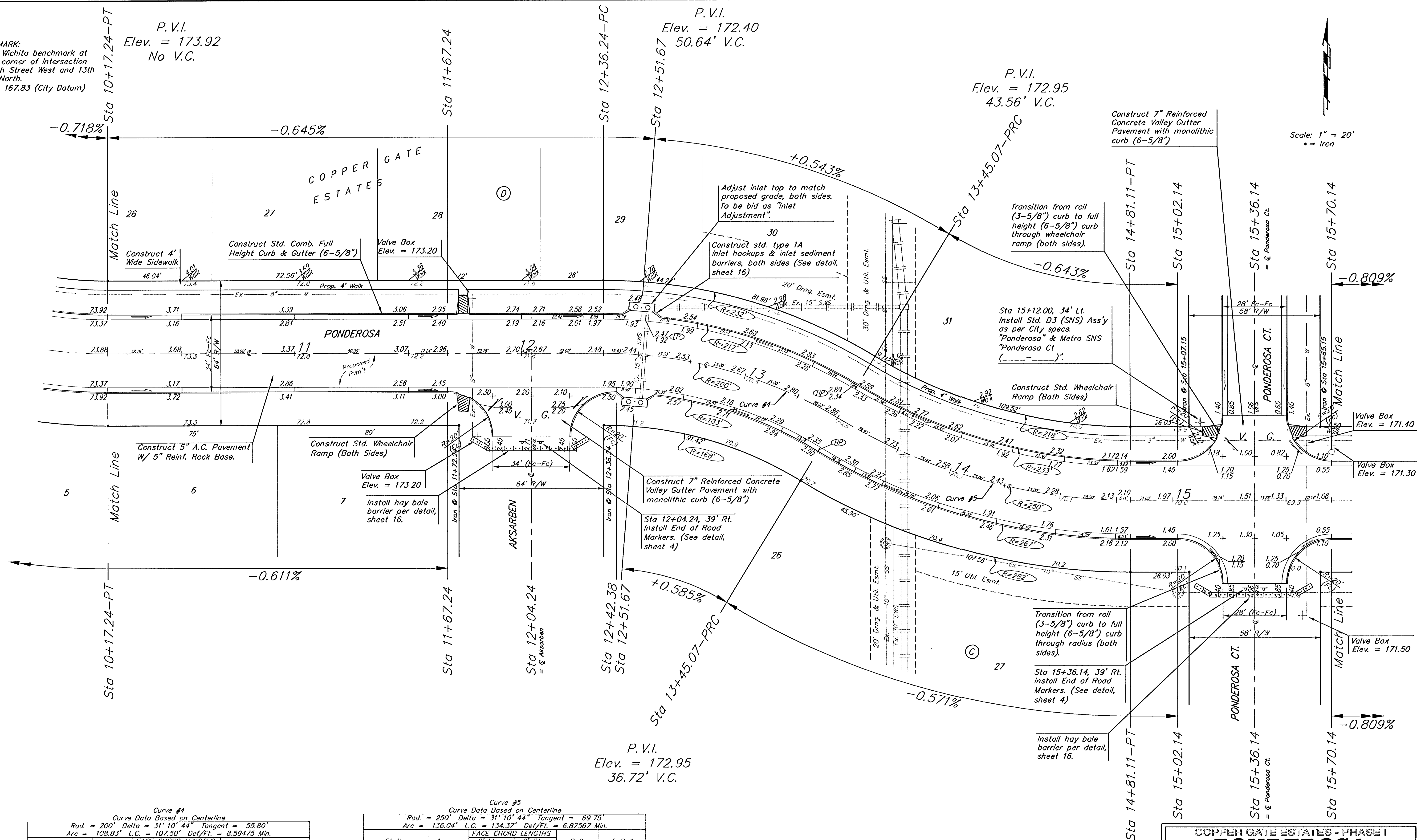
BENCHMARK:
City of Wichita benchmark at
the SE corner of intersection
of 135th Street West and 13th
Street North.
Elev. = 167.83 (City Datum)

P.V.I.
Elev. = 173.92
No V.C.

P.V.I.
Elev. = 172.40
50.64' V.C.

P.V.I.
Elev. = 172.95
43.56' V.C.

Scale: 1" = 20'
• = Iron



Curve #4					
Curve Data Based on Centerline					
Rad. = 200' Delta = 31° 10' 44" Tangent = 55.80'					
Arc = 108.83' L.C. = 107.50' Def/Pt. = 8.59475 Min.					
Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
12+36.24	-	-	-	0°00'00"	0°00'00"
12+42.38	6.14'	6.91'	5.37'	0°52'46"	0°52'46"
12+50.00	7.62'	8.57'	6.67'	1°05'30"	1°58'16"
12+75.00	25.00'	28.11'	21.86'	3°34'52"	5°33'08"
13+00.00	25.00'	28.11'	21.86'	3°34'52"	9°08'00"
13+25.00	25.00'	28.11'	21.86'	3°34'52"	12°42'52"
13+45.07	20.07'	22.57'	17.55'	2°52'30"	15°35'22"

Curve #5					
Curve Data Based on Centerline					
Rad. = 250' Delta = 31° 10' 44" Tangent = 69.75'					
Arc = 136.04' L.C. = 134.32' Def/Pt. = 6.87567 Min.					
Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
13+45.07	-	-	-	0°00'00"	0°00'00"
13+50.00	4.93'	4.44'	5.42'	0°33'54"	0°33'54"
13+75.00	25.00'	22.49'	27.49'	2°51'53"	3°25'47"
14+00.00	25.00'	22.49'	27.49'	2°51'54"	6°17'41"
14+25.00	25.00'	22.49'	27.49'	2°51'53"	9°09'34"
14+50.00	25.00'	22.49'	27.49'	2°51'54"	12°01'28"
14+75.00	25.00'	22.49'	27.49'	2°51'53"	14°53'21"
14+81.11	6.11'	5.50'	6.72'	0°42'01"	15°35'22"

COPPER GATE ESTATES - PHASE I

PONDEROSA

STA 10+17.24 TO STA 15+70.14

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

316-282-7271 • 313 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER

472-83689

DESIGN

BLP

DRAWN

TMS

APPROVED

DATE

4/30/03

SCALE

Noted

SHEET

9

32

CopperGate/Str-02-10-E432