

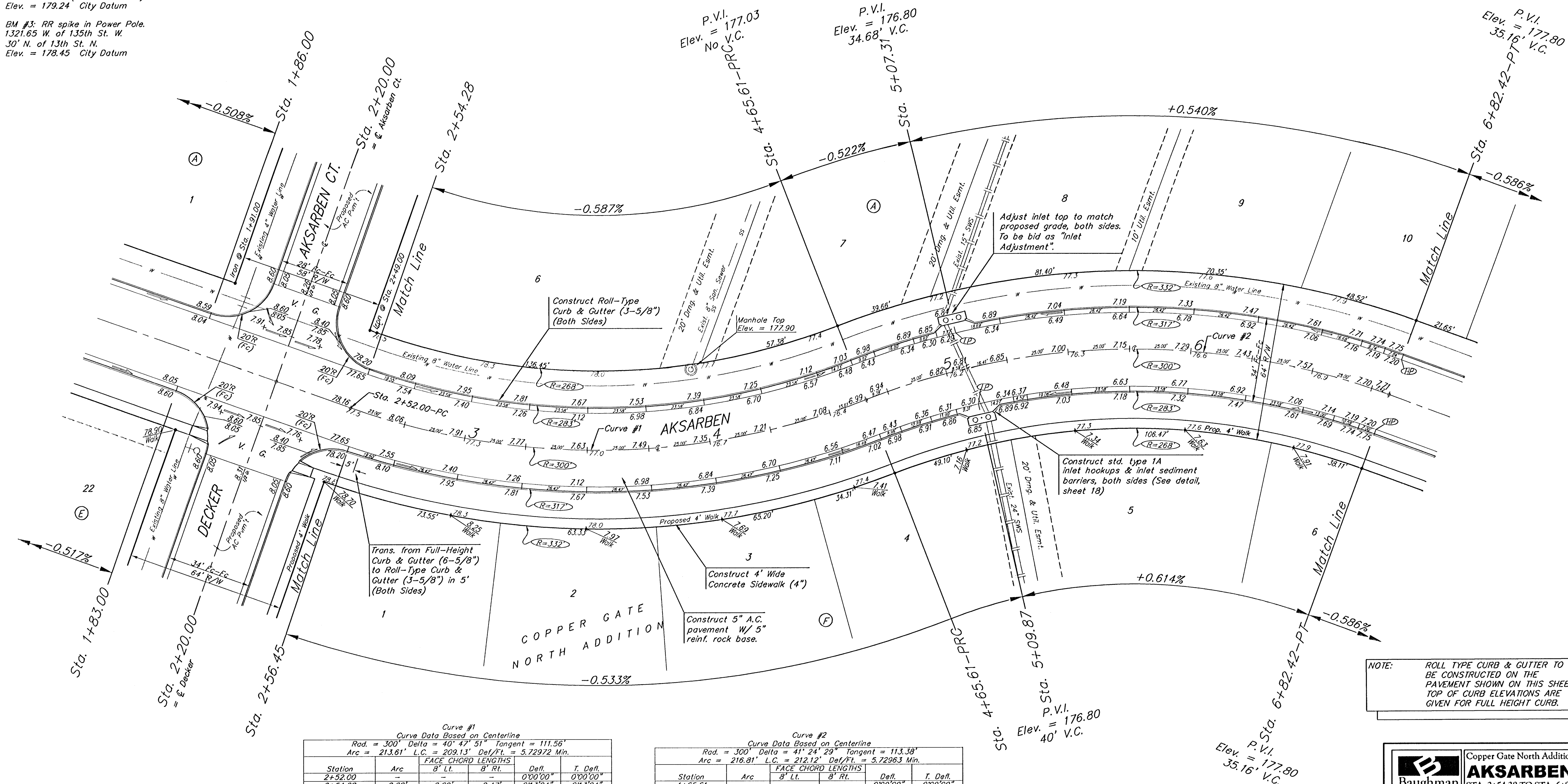
BENCHMARKS:

BM #1: C.O.W. disc at SW corner of intersection.
30.00'± S. of CL of 13th St. N.
35.00'± W. of CL of 135th St. W.
Elev. = 168.25 City Datum

BM #2: Small RR spike in 4th HLP
W. of 135th St. W. on south side of 13th St. N. (N. face of HLP).
Elev. = 179.24 City Datum

BM #3: RR spike in Power Pole.
1321.65 W. of 135th St. W.
30' N. of 13th St. N.
Elev. = 178.45 City Datum

Scale: 1" = 20'
• = Iron



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.

Curve #1					
Curve Data Based on Centerline					
Rad. = 300' Delta = 40° 47' 51" Tangent = 111.56'					
Arc = 213.61' L.C. = 209.13' Def/ft. = 5.72972 Min.					
FACE CHORD LENGTHS					
Station	Arc	8" Lt.	8" Rt.	Defl.	T. Defl.
2+52.00	—	—	—	0°00'00"	0°00'00"
2+54.28	2.28'	2.09'	2.47'	0°13'04"	0°13'04"
2+56.45	2.17'	1.99'	2.35'	0°12'26"	0°25'30"
2+58.00	18.55'	17.00'	20.09'	1°46'17"	2°11'47"
3+00.00	25.00'	22.91'	27.08'	2°23'15"	4°35'02"
3+25.00	25.00'	22.91'	27.08'	2°23'14"	6°58'16"
3+50.00	25.00'	22.91'	27.08'	2°23'15"	9°21'31"
3+75.00	25.00'	22.91'	27.08'	2°23'14"	11°44'45"
4+00.00	25.00'	22.91'	27.08'	2°23'15"	14°08'00"
4+25.00	25.00'	22.91'	27.08'	2°23'14"	16°31'14"
4+50.00	25.00'	22.91'	27.08'	2°23'15"	18°54'29"
4+75.00	25.00'	22.91'	27.08'	2°23'15"	21°17'44"
5+00.00	25.00'	22.91'	27.08'	2°23'15"	23°41'00"
5+25.00	25.00'	22.91'	27.08'	2°23'15"	26°04'15"
5+50.00	25.00'	22.91'	27.08'	2°23'15"	28°27'30"
5+75.00	25.00'	22.91'	27.08'	2°23'15"	30°50'45"
6+00.00	25.00'	22.91'	27.08'	2°23'15"	33°14'00"
6+25.00	25.00'	22.91'	27.08'	2°23'15"	35°37'15"
6+50.00	25.00'	22.91'	27.08'	2°23'15"	38°00'30"
6+75.00	25.00'	22.91'	27.08'	2°23'15"	40°23'45"
7+00.00	25.00'	22.91'	27.08'	2°23'15"	42°47'00"

Curve #2					
Curve Data Based on Centerline					
Rad. = 300' Delta = 41° 24' 29" Tangent = 113.38'					
Arc = 216.81' L.C. = 212.12' Def/ft. = 5.72963 Min.					
FACE CHORD LENGTHS					
Station	Arc	8" Lt.	8" Rt.	Defl.	T. Defl.
4+65.61	—	—	—	0°00'00"	0°00'00"
4+75.00	9.39'	10.17'	8.61'	0°53'48"	0°53'48"
4+85.00	25.00'	27.08'	22.91'	2°23'15"	3°17'03"
5+00.00	25.00'	27.08'	22.91'	2°23'14"	5°40'17"
5+25.00	25.00'	27.08'	22.91'	2°23'15"	8°03'31"
5+50.00	25.00'	27.08'	22.91'	2°23'15"	10°26'46"
5+75.00	25.00'	27.08'	22.91'	2°23'14"	12°50'00"
6+00.00	25.00'	27.08'	22.91'	2°23'15"	15°13'15"
6+25.00	25.00'	27.08'	22.91'	2°23'14"	17°36'29"
6+50.00	25.00'	27.08'	22.91'	2°23'15"	19°59'44"
6+75.00	25.00'	27.08'	22.91'	2°23'15"	22°23'00"
7+00.00	25.00'	27.08'	22.91'	2°23'15"	24°46'15"



Copper Gate North Addition - Phase I
AKSARBEN
STA. 2+54.28 TO STA. 6+82.42

Baughman Company, P.A. 315 Ellis St. W. Minneapolis, MN 55401 F316262721 F316262721 F316262721
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
47284104

REVISIONS:

DESIGN NBW
DRAWN TMS/JAK
APPROVED DATE 10/05/05

SCALE
Noted
SHEET

7 OF 28