

BENCHMARK:
 R.R. SPIKE IN HLP, 150' E. & 30'
 S. OF THE S.W. COR., S.E. 1/4,
 SEC. 12-26-1W.
 ELEV. = 1338.96 M.S.L.
 ELEV. = 151.56 City Datum

"O" IN OPEN, TOP FLANGE OF FIRE
 HYDRANT AT THE S.W. CORNER
 OF 61ST ST. N. & MERIDIAN AVE.
 ELEV. = 1339.16 M.S.L.
 ELEV. = 151.76 City Datum

Curve #11
 Curve Data Based on Centerline
 Rad. = 80' Delta = 58°34'2" Tangent = 44.48'
 Arc = 81.19' L.C. = 77.75' Del/Ft. = 21.48473 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
1+54.91	—	—	—	0°00'00"	0°00'00"
1+75.00	20.09'	26.30'	13.77'	7°11'59"	7°11'59"
2+00.00	25.00'	32.68'	17.12'	8°57'07"	16°09'45"
2+25.00	25.00'	32.68'	17.12'	8°57'07"	25°05'52"
2+50.10	11.10'	14.56'	7.62'	3°58'29"	29°04'21"

Curve #12
 Curve Data Based on Centerline
 Rad. = 100.00' Delta = 59°7'55" Tangent = 56.74'
 Arc = 103.19' L.C. = 98.69' Del/Ft. = 17.19118 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
2+36.10	—	—	—	0°00'00"	0°00'00"
2+50.00	13.90'	10.42'	17.36'	3°58'57"	3°58'57"
2+67.67	17.67'	13.24'	22.06'	5°03'46"	9°02'44"
2+75.00	7.33'	5.50'	9.16'	2°08'01"	11°08'44"
2+91.41	16.41'	12.50'	20.49'	4°42'08"	15°50'51"
3+00.00	8.59'	6.44'	10.74'	2°27'40"	18°18'41"
3+18.12	18.12'	13.58'	22.62'	5°11'30"	23°30'01"
3+25.00	6.88'	5.16'	8.60'	1°58'17"	25°28'18"
3+39.29	14.29'	10.71'	17.85'	4°03'40"	29°33'57"

Scale: 1" = 20'
 = Iron

Subdivision Bench Marks

Street & Station	Location Description	Elevation
Rio Vista 0+37.0, 17.50' Lt.	Adjacent to Fire Hydrant at the Southwest corner of Lot 4, Block C	
W. 62nd St. North 0+20.0, 17.50' Lt.	Adjacent to Fire Hydrant at the Southwest corner of Lot 18, Block A	
Richmond 15+15.62, 17.50' Lt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 1, Block A	
Richmond Ct. 0+37.71, 14.50' Lt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 13, Block A	
Richmond 8+32.84, 17.50' Lt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 9, Block C	
Rio Vista Ct. 0+36.77, 14.50' Lt.	Adjacent to Fire Hydrant at the Northwest corner of Lot 1, Block E	

Sta 2+78.58, 29' Rt.
 Install std. D3 (SNS) ass'y
 as per City specs. "Rio
 Vista" & Metro SNS "Rio
 Vista Ct (2503-2519)".

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.

Adjust water valve
 boxes as needed
 to grade.
 Incidental to "Site
 Clearing and
 Restoration".

Contractor to remove
 existing trees, fence, etc.
 as needed to complete
 paving project. Removal
 shall be incidental to bid
 item "Site Clearing and
 Restoration".

Baughman Rio Vista Estates 4th Addition
 STA 0+00 TO STA 5+10.16

Baughman Company, P.A. 3115 Elm & Walnut, Suite 1111 P.O. Box 60149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84056	DESIGN MWS	DRAWN JWH
REVISIONS	APPROVED	DATE 7/05
SCALE Noted		SHEET 16 OF 51

Rio Vista 1001.dwg 0503-E204