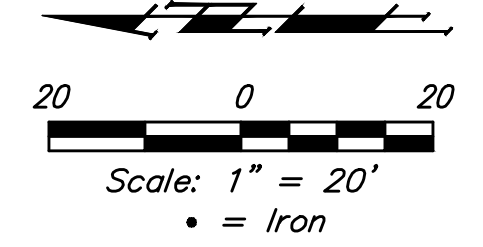


BENCHMARKS:
 BM #1: CITY OF WICHITA DISC - WEST END OF CONCRETE HEADWALL OF REINFORCED CONCRETE BOX CULVERT, SOUTHEAST CORNER OF JACKSON HEIGHTS AND CENTRAL, 66.7' EAST & 11.6' NORTH OF THE NORTHEAST CORNER OF RESERVE "C", FRONTGATE ADDITION. ELEV. = 1349.46 NAVD88

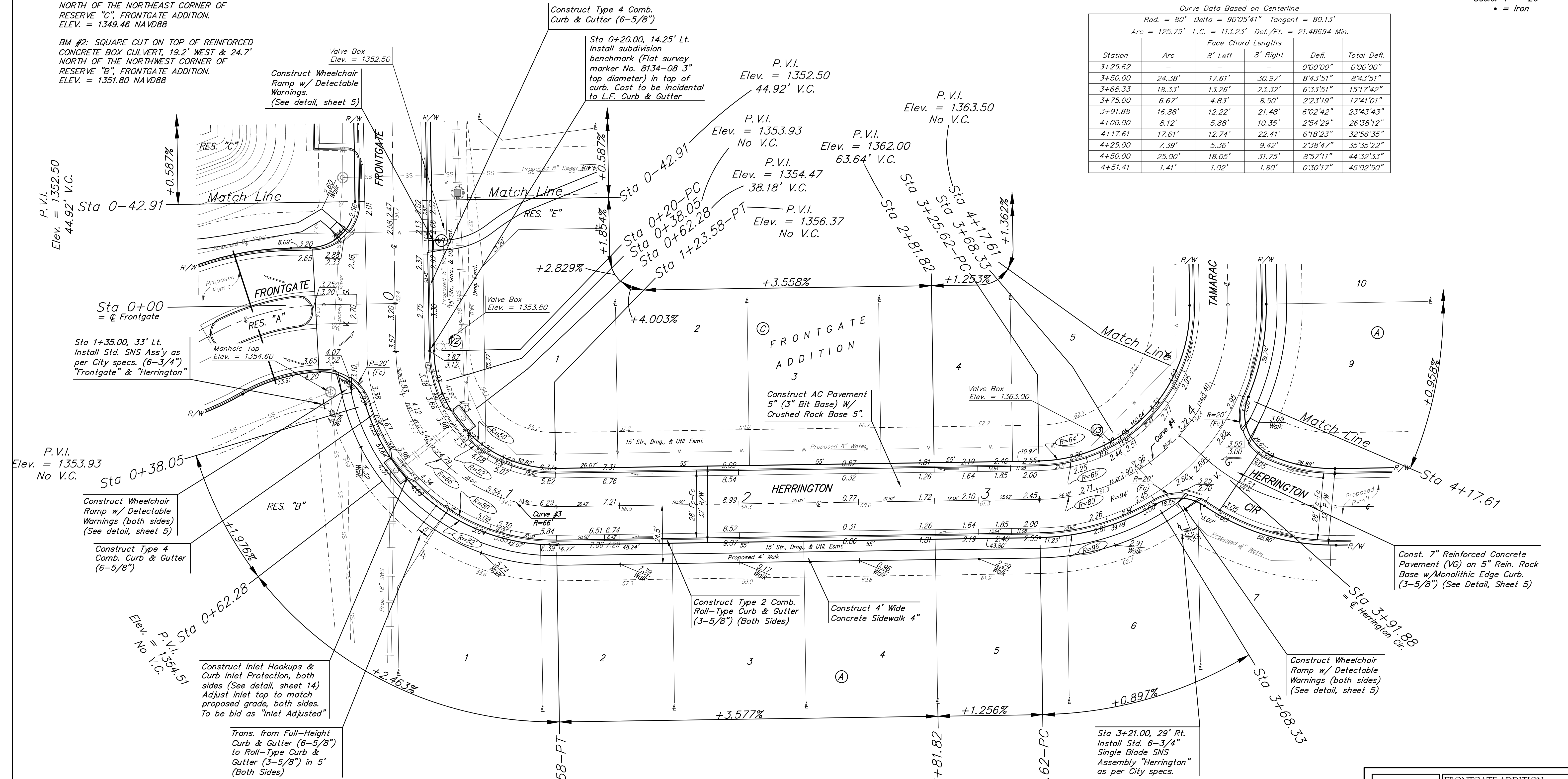
BM #2: SQUARE CUT ON TOP OF REINFORCED CONCRETE BOX CULVERT, 19.2' WEST & 24.7' NORTH OF THE NORTHWEST CORNER OF RESERVE "B", FRONTGATE ADDITION. ELEV. = 1351.80 NAVD88

Subdivision Bench Marks		
Street & Station	Location Description	Elevation
Frontgate 0+20.00, 14.25' Lt.	Adjacent to Fire Hydrant at intersection of Frontgate & Herrington in front of Lot 1, Block C, Frontgate Addition.	



Curve #4
 Curve Data Based on Centerline
 Rad. = 80' Delta = 90°05'41" Tangent = 80.13'
 Arc = 125.79' L.C. = 113.23' Def./Ft. = 21.48694 Min.

Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
3+25.62	-	-	-	0°00'00"	0°00'00"
3+50.00	24.38'	17.61'	30.97'	8°43'51"	8°43'51"
3+68.33	18.33'	13.26'	23.32'	6°33'51"	15°17'42"
3+75.00	6.67'	4.83'	8.50'	2°23'19"	17°41'01"
3+91.88	16.88'	12.22'	21.48'	6°02'42"	23°43'43"
4+00.00	8.12'	5.88'	10.35'	2°54'29"	26°38'12"
4+17.61	17.61'	12.74'	22.41'	6°18'23"	32°56'35"
4+25.00	7.39'	5.36'	9.42'	2°38'47"	35°35'22"
4+50.00	25.00'	18.05'	31.75'	8°57'11"	44°32'33"
4+51.41	1.41'	1.02'	1.80'	0°30'17"	45°02'50"



Curve #3
 Curve Data Based on Centerline
 Rad. = 66' Delta = 89°55'17" Tangent = 65.91'
 Arc = 103.58' L.C. = 93.27' Def./Ft. = 26.04404 Min.

Station	Arc	Face Chord Lengths		Defl.	Total Defl.
		8' Left	8' Right		
0+20.00	-	-	-	0°00'00"	0°00'00"
0+25.00	5.00'	3.33'	6.67'	2°10'13"	2°10'13"
0+38.06	13.06'	8.69'	17.39'	5°40'08"	7°50'21"
0+50.00	11.94'	7.95'	15.90'	5°10'58"	13°01'19"
0+75.00	25.00'	16.57'	33.14'	10°51'06"	23°52'25"
1+00.00	25.00'	16.57'	33.14'	10°51'06"	34°43'31"
1+23.58	23.58'	15.64'	31.27'	10°14'07"	44°57'38"

WATER VALVE LOCATION TABLE

VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V1	Frontgate	0+16.81	20'	Lt.
V2	Herrington	0+16.81	20'	Lt.
V3	Herrington	3+63.16	20.5'	Lt.

Paving Contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves (except blowoffs) are left in the "ON" position when the project is completed.

NOTE: Roll Type Curb & Gutter (Type 2) to be constructed on the pavement shown on this sheet. Top of curb elevations are given for Full Height Curb (Type 4).

FRONTGATE ADDITION
HERRINGTON
 STA 0+42.91 TO STA 4+17.61

Baughman Engineering | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER: 472-85099 OCA NUMBER: 766298 DESIGN: AEG DRAWN: TMS

REVISIONS: APPROVED: DATE: 7/23/13

SCALE: Noted SHEET: **8 OF 26**

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