STREET IMPROVEMENTS ON

YELLOWSTONE COURT – from the northwesterly line of Yellowstone to and including cul-de-sac.

THE PARK 2ND ADDITION

PROJECT NO.

472-76-245-81657-000-000-001

INDEX NO. 608349

CITY OF WICHITA, KANSAS

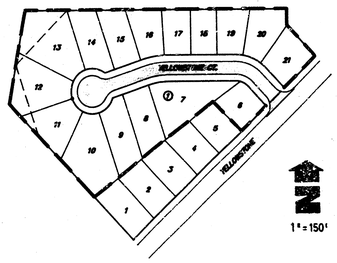
MICHAEL E. LINDEBAK CITY ENGINEER

INDEX TO DRAWINGS

SH. NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION
3	PAVEMENT PLAN
4	EARTHWORK SECTIONS
5	FINAL PLAT

○ BENCHMARKS ○

1. "□" CUT T.C., So.S. YELLOWSTONE 50' N. N.L. YOSEMITE, E.S. YELLOWSTONE. ELEV.=139.19 CITY DATUM
2. "□" CUT T.C. 44' S.W. ℄ YELLOWSTONE CT., S.W. SIDE CONST. JOINT ON NW. CURBLN. YELLOWSTONE. ELEV.=133.91 CITY DATUM
3. "V" NOTCH N.E. RIM M.H., 54.5' S.W-ly & 3.8' SE-ly, SW. Cor. LOT 1, THE PARK SECOND ADDITION. ELEV.=136.75 CITY DATUM



1"=150'

IMPROVEMENT DISTRICT – – – –

GENERAL NOTES

1. Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

2. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.

3. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.

4. This project includes a certain amount of roll type curb construction. Roll Curbs shall be depressed through all driveway openings when such drives are constructed as a part of the project. No more than 6 drives 16 feet in width, or equivalent combinations thereof, are to be constructed with this project.

5. Widened gutter section of combined curb and gutter at intersections will not be paid for directly, and this cost shall be considered as subsidiary to the other contract pay items of work.

6. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissible slopes to match the existing ground surface.

7. Contractor shall give property owners abutting this project, whose yards will be lower than the new finished grade elevations at the right-of-way line, an opportunity to utilize excess excavated material from the project to regrade their yards to drain to the new pavement. Contractor will be required to dump and spread the excess material as required by the specification when regraded by the property owner. The Contractor shall ascertain that a dirt order form has been properly executed by the property owner before any such excess material is delivered to such properties.

8. The Contractor will be permitted to bid only one of the alternate types of subgrade treatment. The type bid by the successful bidder will be the type of subgrade treatment used to construct the project.

9. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

K. BRENT WOOTEN LICENSED 8478 KANSAS PROFESSIONAL ENGINEER

JAMES CHARLES RIEDLER LICENSED 9621 KANSAS

May 80

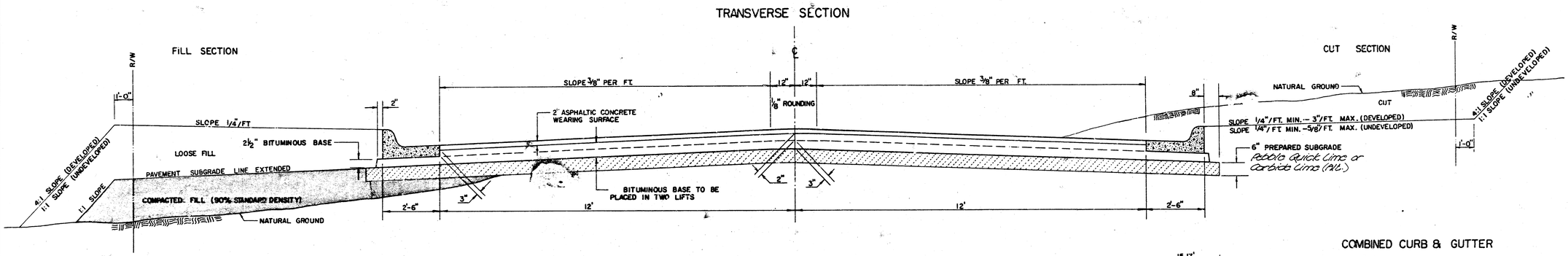
BAUCHMAN COMPANY P. A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

1/6

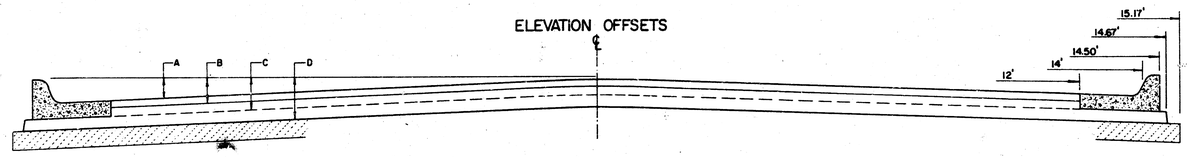
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TYPICAL 29' PAVEMENT DETAILS

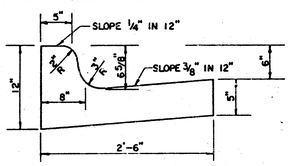
TRANSVERSE SECTION



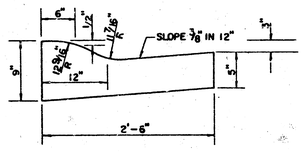
ELEVATION OFFSETS



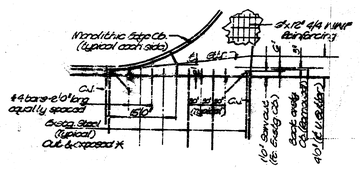
COMBINED CURB & GUTTER



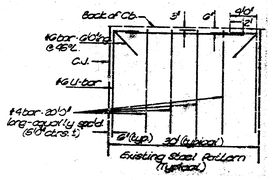
ROLL TYPE COMBINED CURB & GUTTER

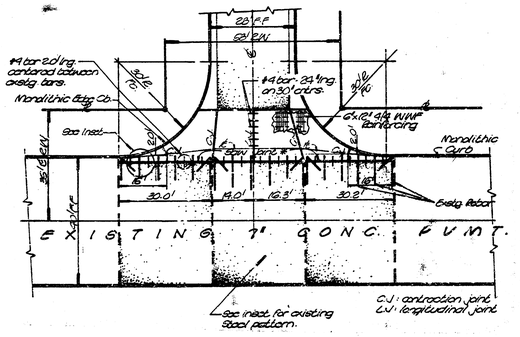


VALLEY GUTTER DETAILS

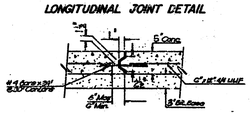


* Break estg conc. away from estg. 8" after saw cut has been made. Estg. bars to be bent out and used as ties for 8" thk. pvmt. where possible (add'l #4 bar required). Where no bar exists, Drill & Grout #4 bars x 2'-6" long into slab @ 12" (typ.) depth.

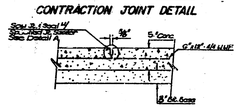




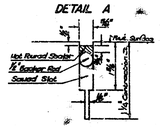
LONGITUDINAL JOINT DETAIL



CONTRACTION JOINT DETAIL



DETAIL A



	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.72	0.77	0.84	0.91	0.94	0.98	1.05	1.12	1.19	1.21	1.21	1.23

GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.

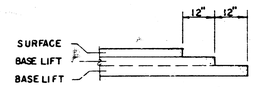
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE

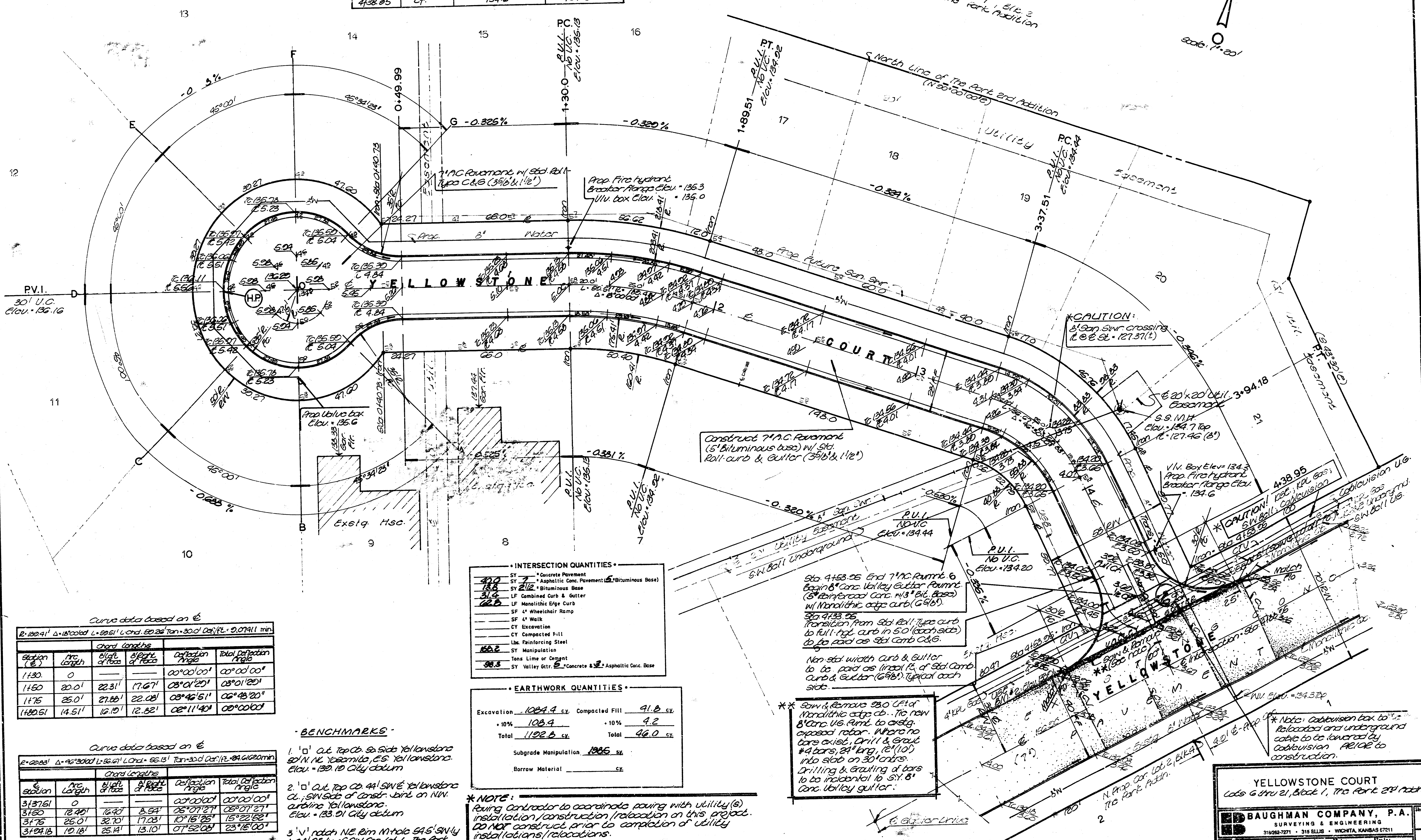
CITY OF WICHITA, KANSAS

PROJECT NUMBER 472-76946-81267-000-000-001

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VALVE BOX / BREAKER FLANGE ADJUSTMENT TABLE			
Station	Direction	Breaker Flange Elev.	Valve Box Elev.
0+00	Rt.	N/A	135.6
1+30	Lt.	135.3	135.0
4+38.95	Lt.	134.6	134.3



Curve data based on ℄

R = 190.41' Δ = 18°00'00" L = 59.61' L.Chd. = 59.26' Tan = 30.0' Def./Ft. = 9.07411 min.

Station (℄)	Arc Length	Chord Lengths: 8' Left of Face	Chord Lengths: 8' Right of Face	Deflection Angle	Total Deflection Angle
1+30.	0	——	——	00°00'00"	00°00'00"
1+50	20.0'	22.31'	17.67'	03°01'20"	03°01'20"
1+75	25.0'	27.88'	22.08'	03°46'51"	06°48'20"
1+80.51	14.51'	16.19'	12.82'	02°11'40"	09°00'00"

Curve data based on ℄

R = 69.83' Δ = 46°30'00" L = 56.67' L.Chd. = 55.13' Tan = 30.0' Def./Ft. = 24.61620 min.

℄ Station	Arc Length	Chord Lengths: 8' Left of Face	Chord Lengths: 8' Right of Face	Deflection Angle	Total Deflection Angle
3+37.51	0	——	——	00°00'00"	00°00'00"
3+50	12.49'	16.40'	8.54'	05°07'27"	05°07'27"
3+75	25.0'	32.70'	17.03'	10°15'25"	15°22'52"
3+94.18	19.18'	25.14'	13.10'	07°52'08"	23°15'00"

BENCHMARKS

1. '□' Cut Top Cb. So. Side Yellowstone 50' N. NE Yosemite, E.S. Yellowstone. Elev. = 139.19 City datum

2. '□' Cut Top Cb. 44' SW ℄ Yellowstone Ct.; SW Side of Constr. Joint on N.W. curbline Yellowstone. Elev. = 133.91 City datum

3. 'V' notch N.E. Rim M-hole 54.5' SW-ly & 3.8' SE-ly of SW Cor. Lot 1, The Park. 2nd Addn. Elev. = 136.75 City datum

INTERSECTION QUANTITIES

Qty.	Unit	Item
	SY	" Concrete Pavement
40.0	SY	7 " Asphaltic Conc. Pavement (5 " Bituminous Base)
13.8	SY	2 1/2 " Bituminous Base
31.4	LF	Combined Curb & Gutter
62.8	LF	Monolithic Edge Curb
	SF	4" Wheelchair Ramp
	SF	4" Walk
	CY	Excavation
	CY	Compacted Fill
	Lbs.	Reinforcing Steel
158.2	SY	Manipulation
	Tons	Lime or Cement
98.3	SY	Valley Gttr. 5 " Concrete & 3 " Asphaltic Conc. Base

EARTHWORK QUANTITIES

Excavation	1084.4 cy.	Compacted Fill	41.8 cy.
+ 10%	108.4	+ 10%	4.2
Total	1192.8 cy.	Total	46.0 cy.

Subgrade Manipulation 1985 sy.

Borrow Material ______ cy.

***NOTE:**
Paving Contractor to coordinate paving with utility(s) installation/construction/relocation on this project. DO NOT construct prior to completion of utility installations/relocations.

Sta. 4+57: Water Main (Conn. Proj. #448-76-845-85195-000-000-001)
Sta. 4+60: Cable Vision Bond Line - Relocation.

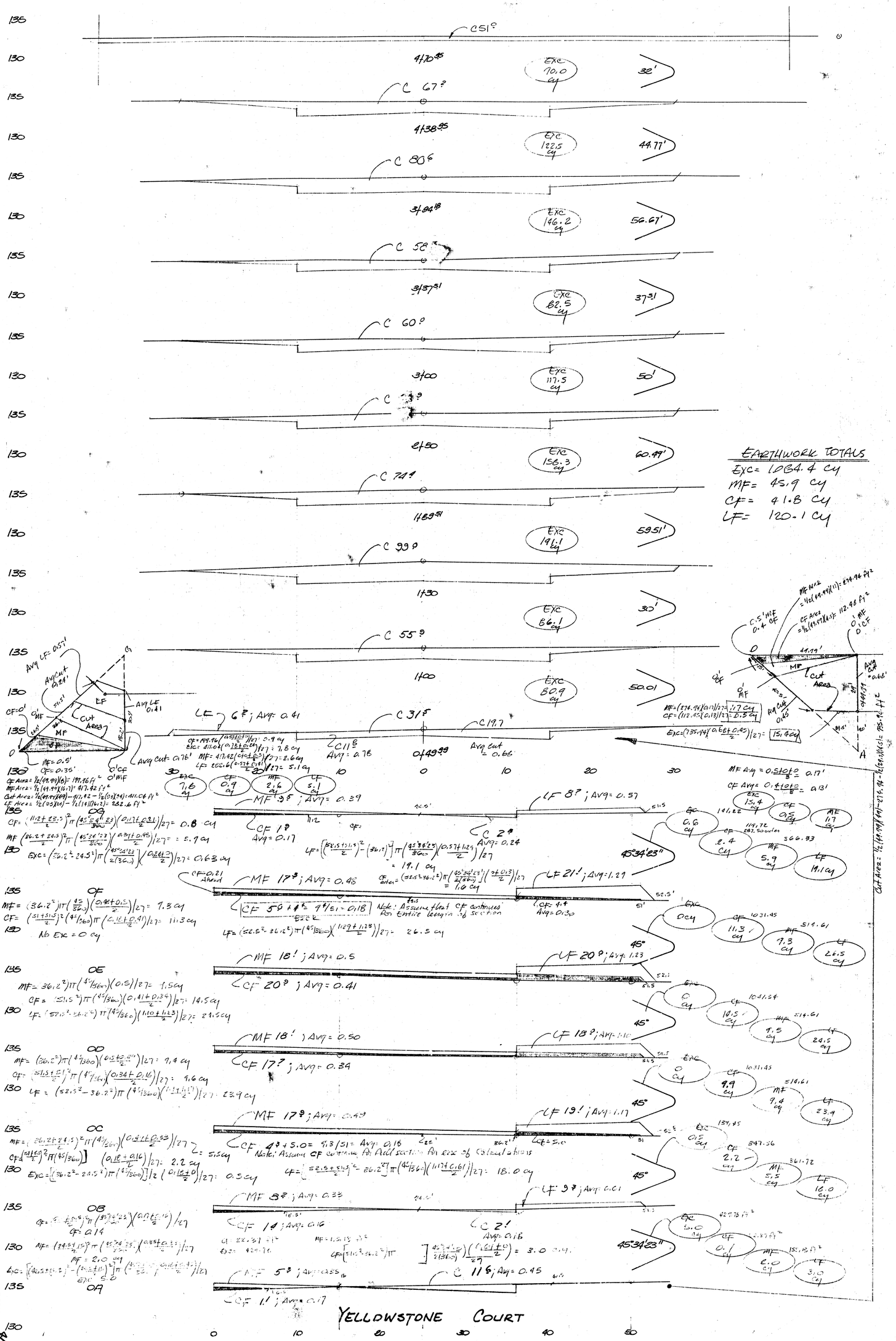
PLAN	Note Book No. 8A 30
Surveyed	S.P. Fryman 7-10-87
Drawn	Seal Jr. 10-87
Checked	
Approved	T. Ruggles 10-87

YELLOWSTONE COURT
Lots 6 thru 21, Block 1, The Park 2nd Addn.

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 · 315 ELLIS · WICHITA, KANSAS 67211

Design: T. Ruggles | Drawn: Seal Jr. | Approved: N.B.W. | Date: May 88 | Scale: 1" = 20'
Sheet: 3 of 5
Project Number: 472-76-845-81657-000-000-001

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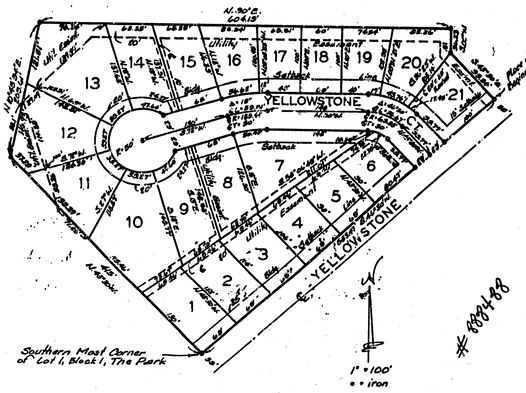
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EARTHWORK SECTIONS

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THE PARK 2ND ADDITION

WICHITA, KANSAS



State of Kansas } S.S.
Sedgwick County }

We, Baughman Company, P.A. Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "THE PARK 2ND ADDITION", Wichita, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as and being a replat of that part of Lot 1, Block 1, The Park, an addition to Wichita, Sedgwick County, Kansas, described as commencing at the N.E. Corner of said Lot 1; thence S.00°E. along the east line of said Lot 1, 211.11 feet to the P.C. of a curve; thence southwesterly along the east line of said Lot 1 and on a curve to the right having a radius of 420 feet, a distance of 340.85 feet to the P.T. of said curve; thence S.46°30'W. along the southeasterly line of said Lot 1, 191 feet for a place of beginning; thence N.43°30'W., 35.24 feet; thence N.00°E. 36.23 feet; thence N.90°W., 604.19 feet to the west line of said Lot 1; thence S.10°49'54"W., along the west line of said Lot 1, 103.61 feet to the S.W. corner of said Lot 1; thence S.43°30'E., along the southwesterly line of said Lot 1, 415 feet to the S.E. corner of said Lot 1; thence N.46°30'E., along the southeasterly line of said Lot 1, 383.47 feet to the place of beginning. Being situated in the N.W¼ of Sec. 5, Twp. 28-S, R-1-W of the 6th P.M., Sedgwick County, Kansas.

2 Jan 1987
Date

Baughman Company, P.A.
Mark A. Sawyer — Surveyor

MARK A. SAWYER REGISTERED LS-788 KANSAS LAND SURVEYOR

Know all men by these presents that the undersigned, have caused the land described in the surveyors certificate to be platted into lots and a street to be known as "THE PARK 2ND ADDITION", Wichita, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The street is hereby dedicated to and for the use of the public.

A. J. Soerries Real Estate, Inc. — A. J. Soerries, President
Dario M. Cornejo — Carmen M. Cornejo
Bruce D. Hansberry — Sherry L. Hansberry

State of Kansas } S.S.
Sedgwick County }

The foregoing instrument acknowledged before me, this 7th day of April 1987 by A. J. Soerries, President of A. J. Soerries Real Estate, Inc., on behalf of the corporation.

My Appt. Exp. 7-25-87 — Rhea L. Mills, Notary Public

State of Kansas } S.S.
Sedgwick County }

The foregoing instrument acknowledged before me, this 19th day of March 1987 by Dario M. Cornejo and Carmen M. Cornejo, his wife.

My Appt. Exp. 5-23-87 — A. J. Soerries, Notary Public

State of Kansas } S.S.
Sedgwick County }

The foregoing instrument acknowledged before me, this 18th day of March 1987 by Bruce D. Hansberry and Sherry L. Hansberry, his wife.

My Appt. Exp. May 23, 1987 — A. J. Soerries, Notary Public

This plat of "THE PARK 2ND ADDITION," Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 19th day of February 1987

Wichita-Sedgwick County Metropolitan Area Planning Commission

Chairman

Secretary
Melvin S. Knauf

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 9th day of June 1987

Mayor
Robert A. Knight

Deputy City Clerk
Dale E. Rea

Entered on transfer record this 23rd day of June 1987

County Clerk
Don Wright

State of Kansas } S.S.
Sedgwick County }

This is to certify that this plat has been filed for record in the office of the Register of Deeds this 15th day of June 1987, at 1:40 o'clock P.M. and is duly recorded.

Register of Deeds
Pat Kettler

Deputy
Ed Reali

We, the undersigned, holders of a mortgage on a portion of the above described property do hereby consent to this plat of "THE PARK 2ND ADDITION", Wichita, Kansas.

Prairie State Bank — Steven R. Gumm — Assistant Vice President

My Appt. Exp. May 23, 1987

State of Kansas } S.S.
Sedgwick County }

The foregoing instrument acknowledged before me this 29th day of May 1987, by Steven R. Gumm, Assistant Vice President of Prairie State Bank, on behalf of the corporation

My Appt. Exp. _____ — Eric T. Grooms, Notary Public

ERIC T. GROOMS NOTARY PUBLIC STATE OF KANSAS My Appt. Exp.

Restrictive Covenants F 548 Pg 861

C-2 5-26

C-2 5-26

30.00

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-1271 • 215 ELLIS • WICHITA, KANSAS 67211

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