

LEFT TURN LANES ALONG 21st STREET NORTH

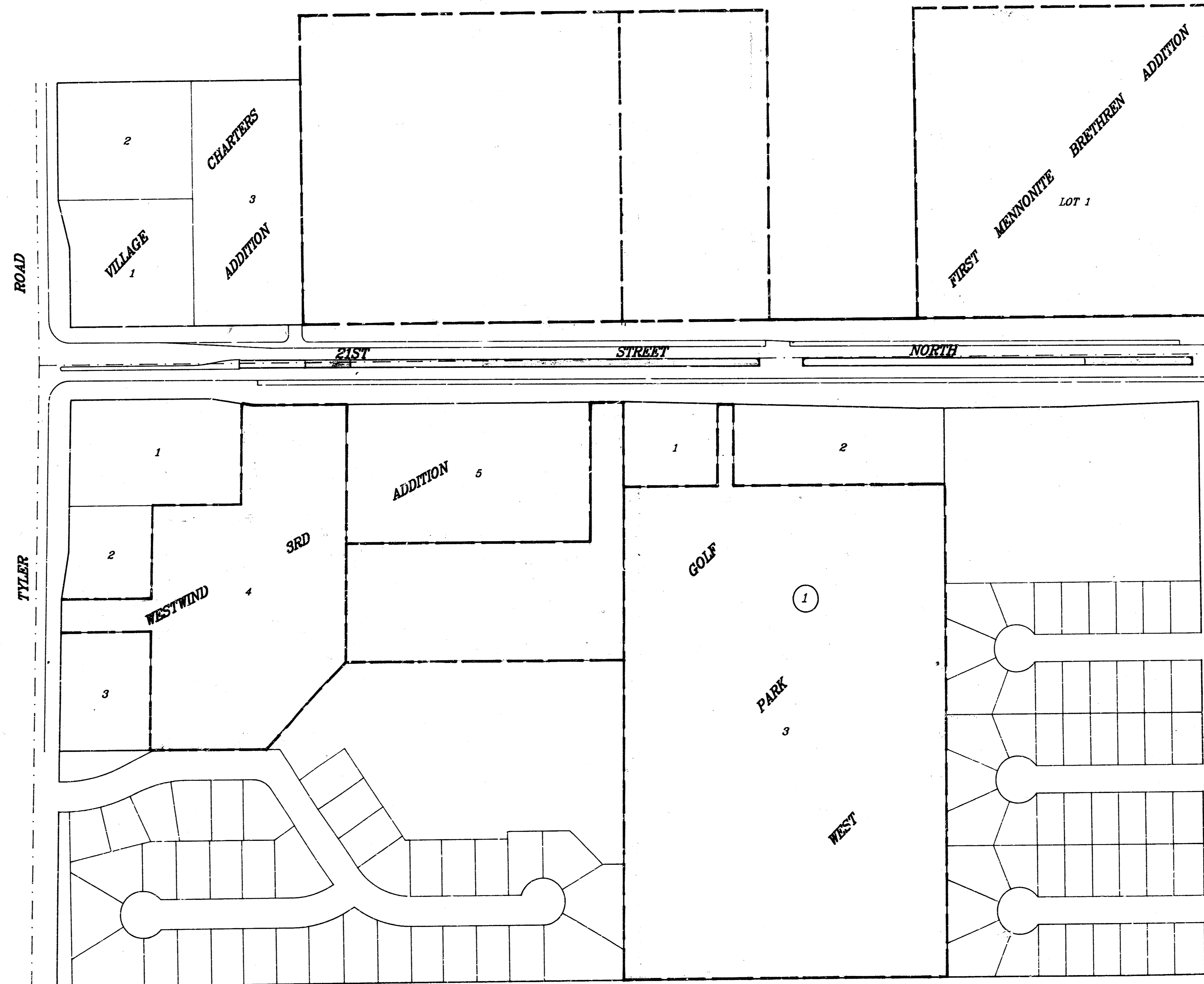
To serve Lot 3, Block 1, Golf Park West; Lot 4,
Westwind 3rd Addition; Lot 1, First Mennonite Brethren
Addition; and other adjacent unplatted tracts.

PROJECT NO.

472-76-245-81700-000-000-001

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. 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.
3. 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.
4. The Contractor is to provide one open traffic lane in each direction on 21st Street for the duration of this project.
5. The Contractor shall provide adequate traffic control per MUTCD standards throughout the construction of this project.



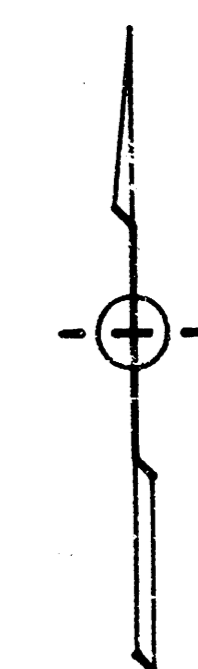
CITY OF WICHITA, KANSAS

MIKE E. LINDEBAK

CITY ENGINEER

INDEX

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|-------|------------------------|
| 1 | COVER SHEET |
| 2 | MEDIAN PAVING DETAIL |
| 3-6 | PAVEMENT PLANS |
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| 13-14 | EARTHWORK SECTIONS |



SCALE: 1" = 150'

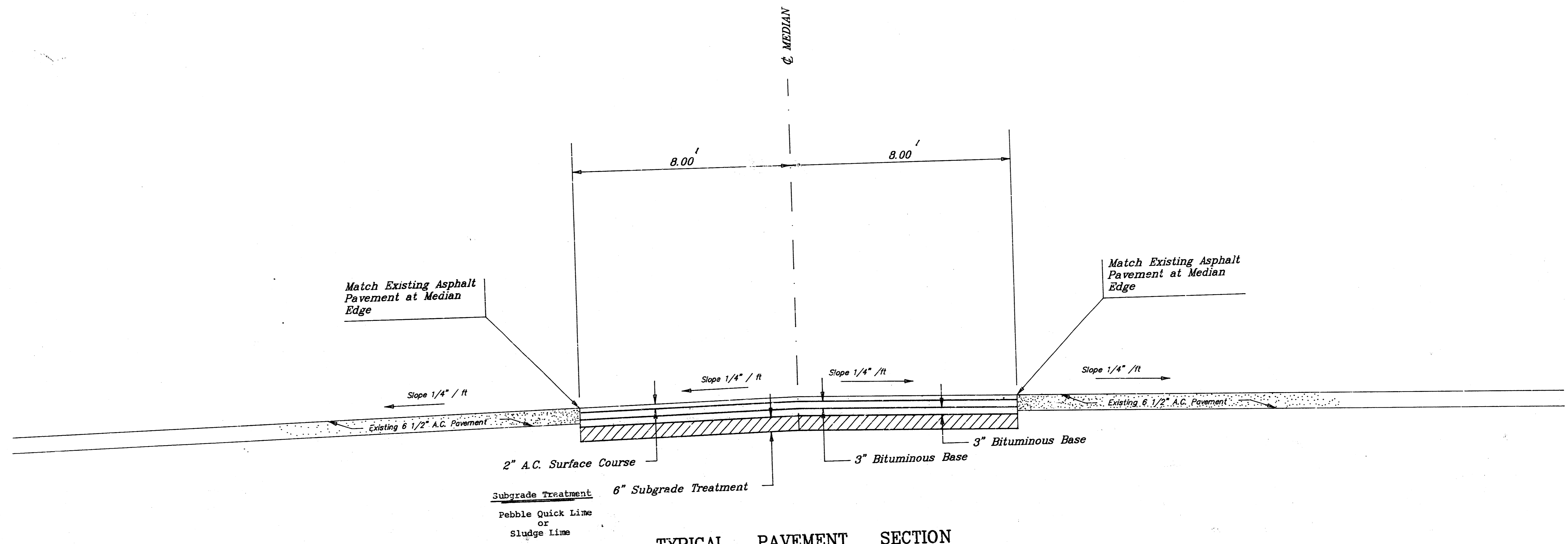


BENEFIT DISTRICT

Revised 3/8/88

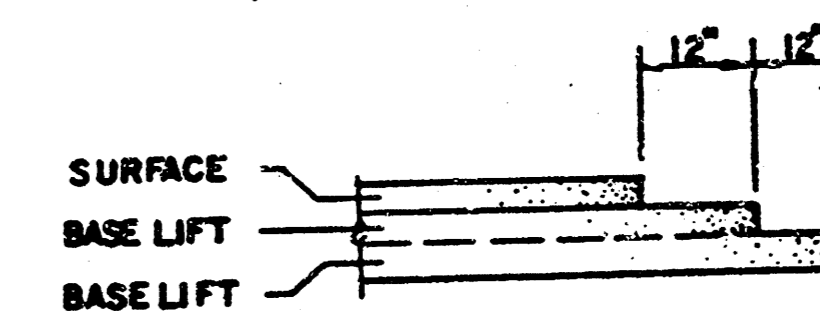
BAUGHMAN COMPANY P. A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 1
OF 14



TYPICAL PAVEMENT SECTION
 Station 6+01.00 to Station 7+00
 Station 10+00 to Station 16+20
 Station 23+50 to Station 25+88.50

TRANSVERSE CONSTRUCTION JOINTS

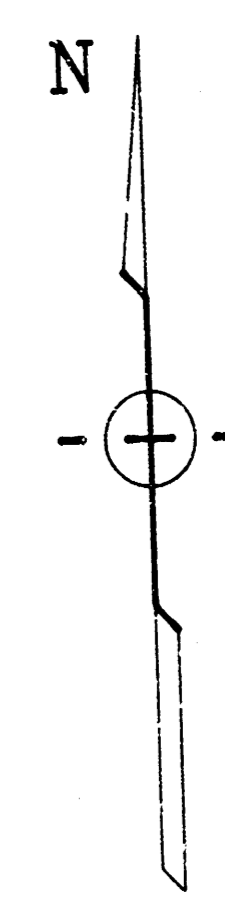
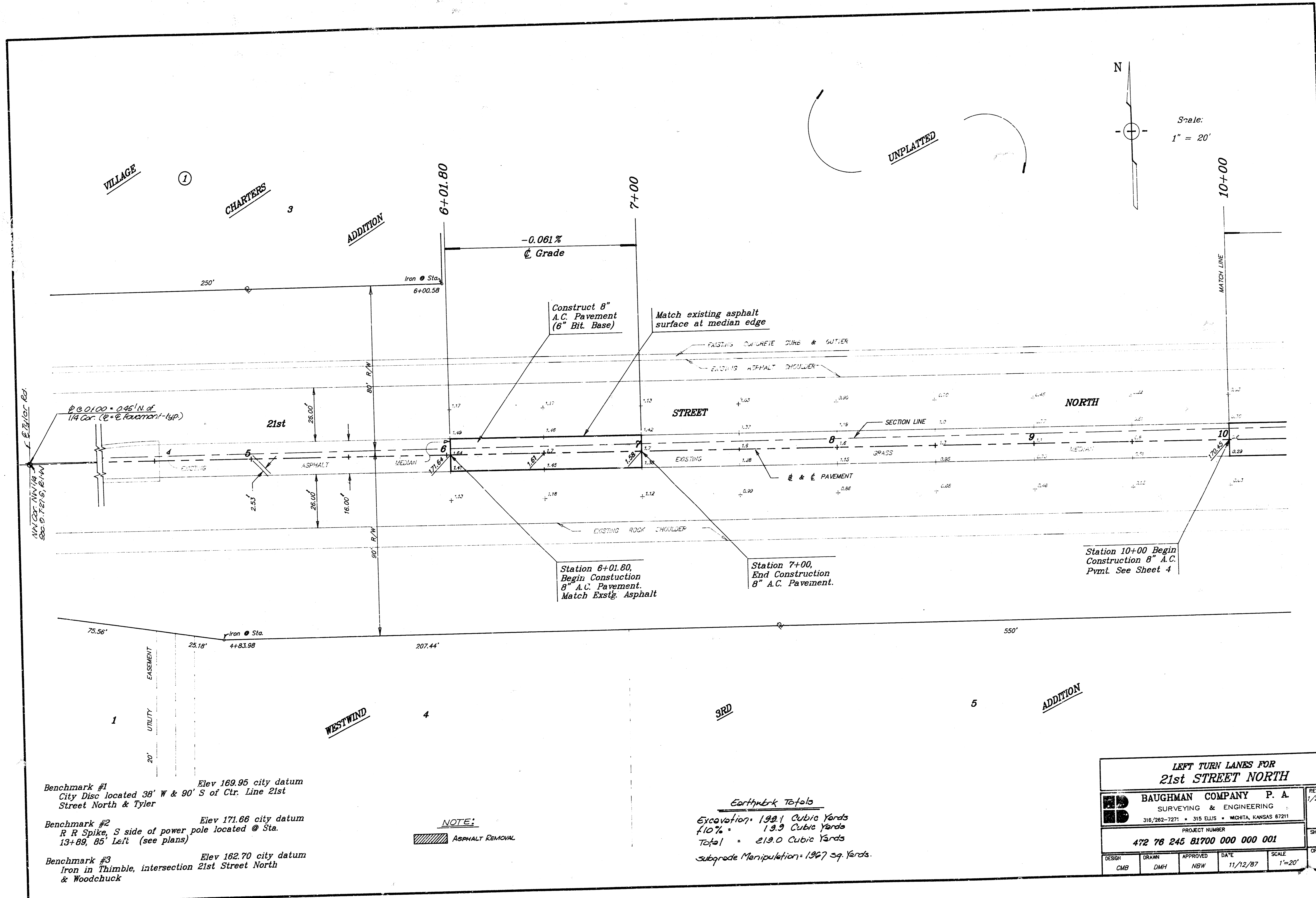


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATE WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 6" ASPHALTIC CONCRETE (2" BITUMINOUS BASE).

GENERAL NOTES

- 1) 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.
- 2) 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.
- 3) 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.

TYPICAL PAVEMENT SECTION			
Station 6+01.00 to Station 25+88.50			
	BAUGHMAN COMPANY P. A.		REV. 1/20/88
	SURVEYING & ENGINEERING		
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
472-76-245-81700-000-001			
DESIGN CMB	DRAWN DMH	APPROVED NBW	DATE 11/13/87
			SCALE 1" = 2'
			SHEET 2 OF 14



Scale:
1" = 20'

UNPLATED

Benchmark #1 Elev 169.95 city datum
City Disc located 38' W & 90' S of Ctr. Line 21st
Street North & Tyler

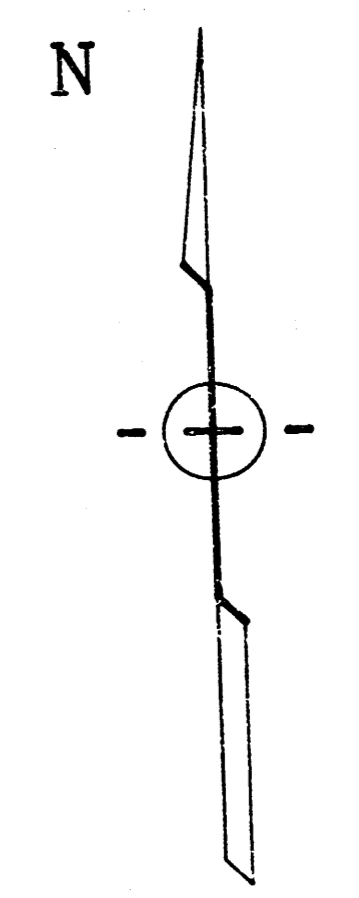
Benchmark #2 Elev 171.66 city datum
R R Spike, S side of power pole located @ Sta.
13+89, 85' Left (see plans)

Benchmark #3 Elev 162.70 city datum
Iron in Thimble, intersection 21st Street North
& Woodchuck

NOTE:
[Hatched Box] ASPHALT REMOVAL

Earthwork Totals
Excavation = 198.1 Cubic Yards
+10% = 19.9 Cubic Yards
Total = 218.0 Cubic Yards
Subgrade Manipulation = 1967 sq. Yards.

LEFT TURN LANES FOR 21st STREET NORTH				
	BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING <small>316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211</small>			REV 1/20/88
	PROJECT NUMBER 472 78 245 81700 000 001			SHEET 3
DESIGN CMB	DRAWN DMH	APPROVED NBW	DATE 11/12/87	SCALE 1"=20' OF 14



SCALE:
1" = 20'

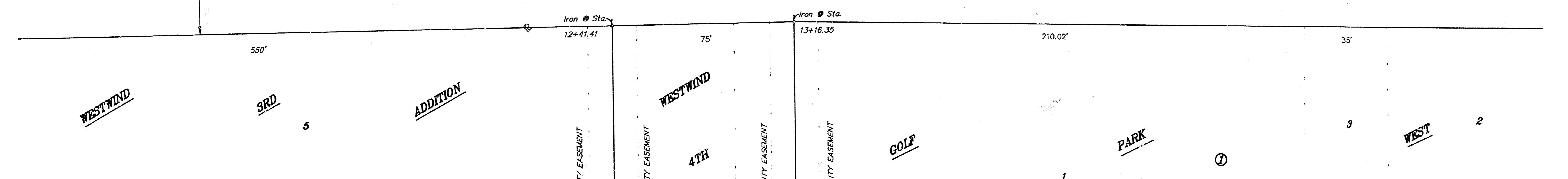
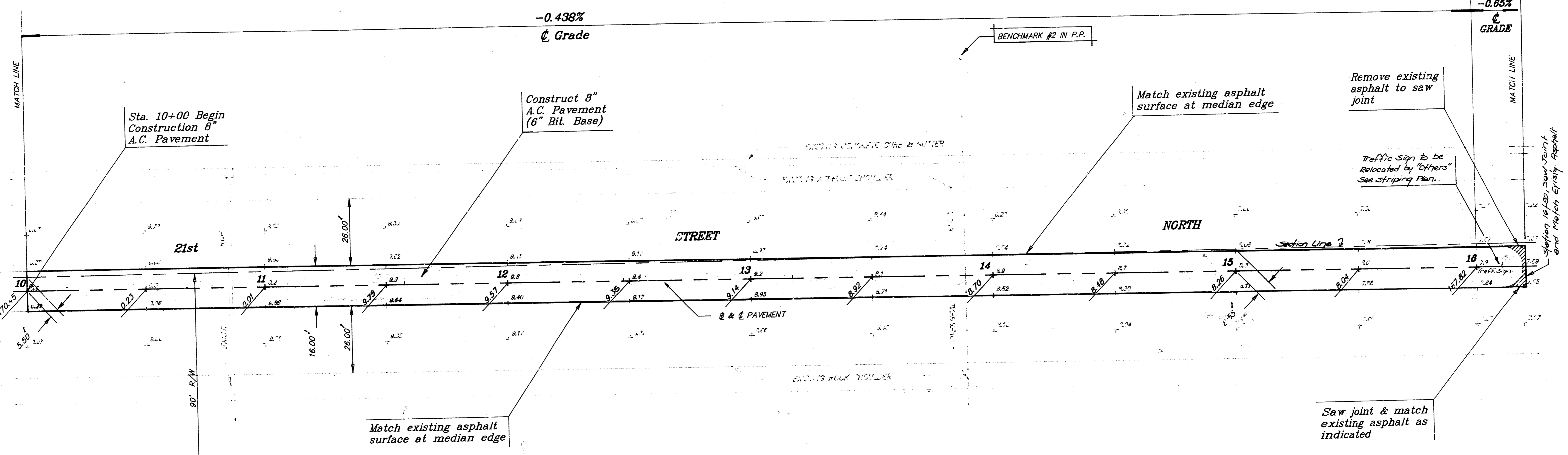
Elev. No. Vc

UNPLATTED

10+00

16+00

16+20

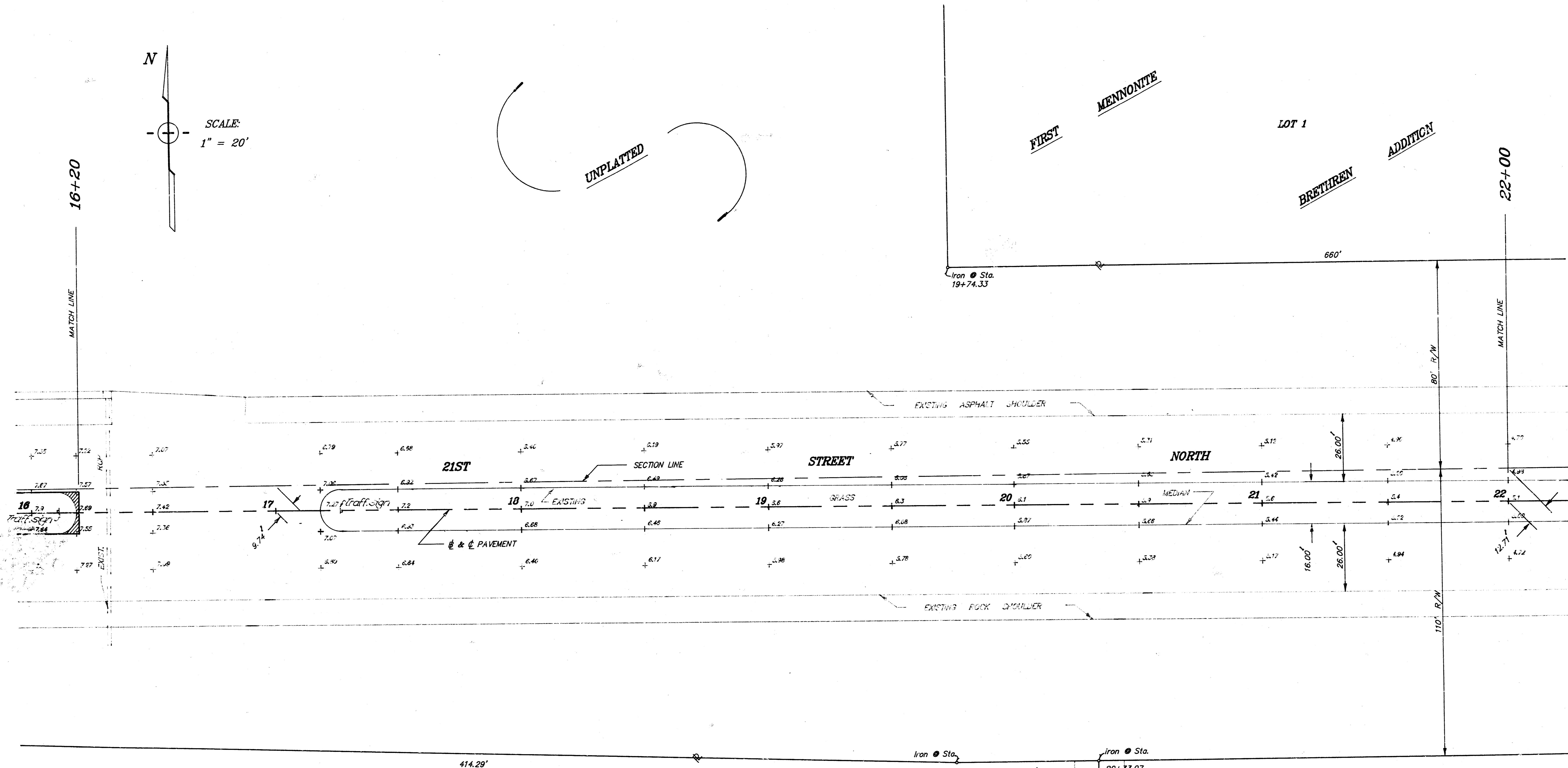
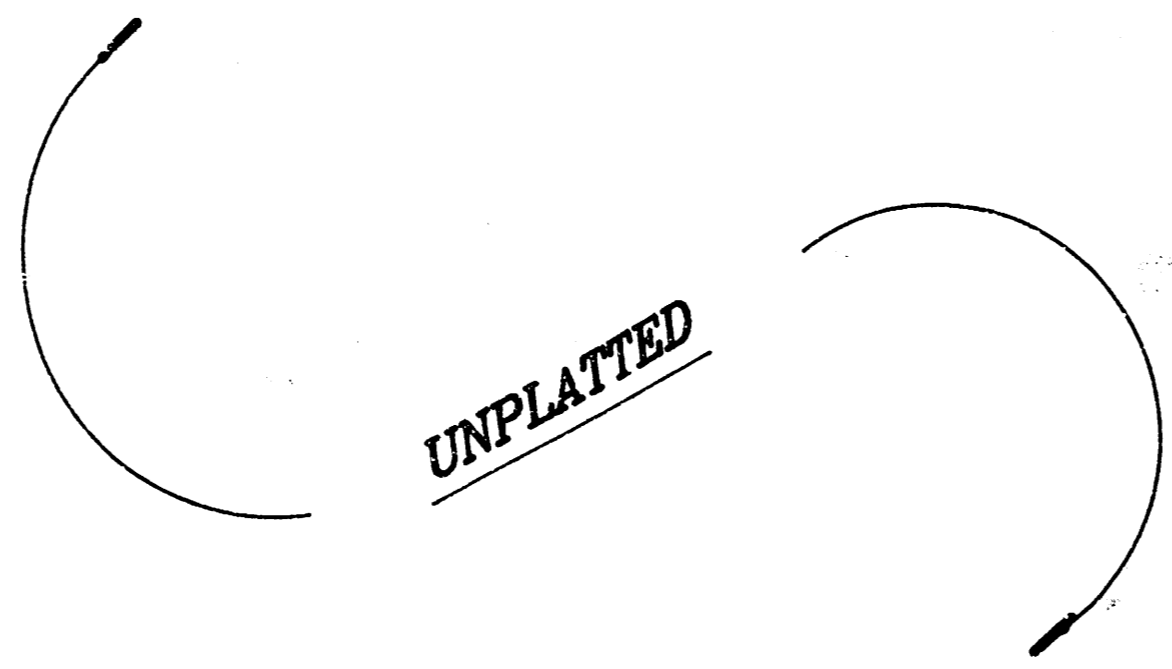
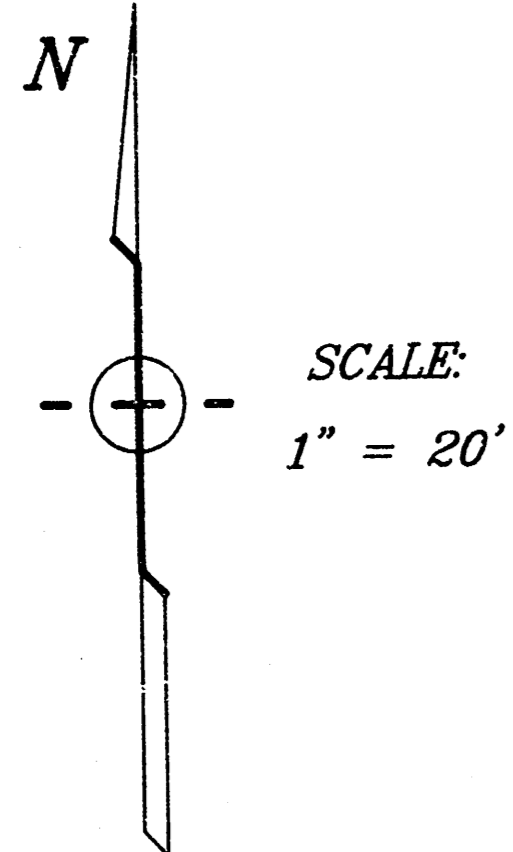


Benchmark #1 Elev 169.95 city datum
City Disc located 38' W & 90' S of Ctr. Line 21st Street North & Tyler

Benchmark #2 Elev 171.66 city datum
R R Spike, S side of power pole located @ Sta. 13+89, 85' Left (see plans)

Benchmark #3 Elev 182.70 city datum
Iron in Thimble, intersection 21st Street North & Woodchuck

LEFT TURN LANES FOR 21st STREET NORTH				
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211				REV. 1/20/88
PROJECT NUMBER 472 76 245 81700 000 000 001				
DESIGN CMB	DRAWN DMH	APPROVED NBW	DATE 11/13/87	SCALE 1" = 20'
				SHEET 4 OF 14

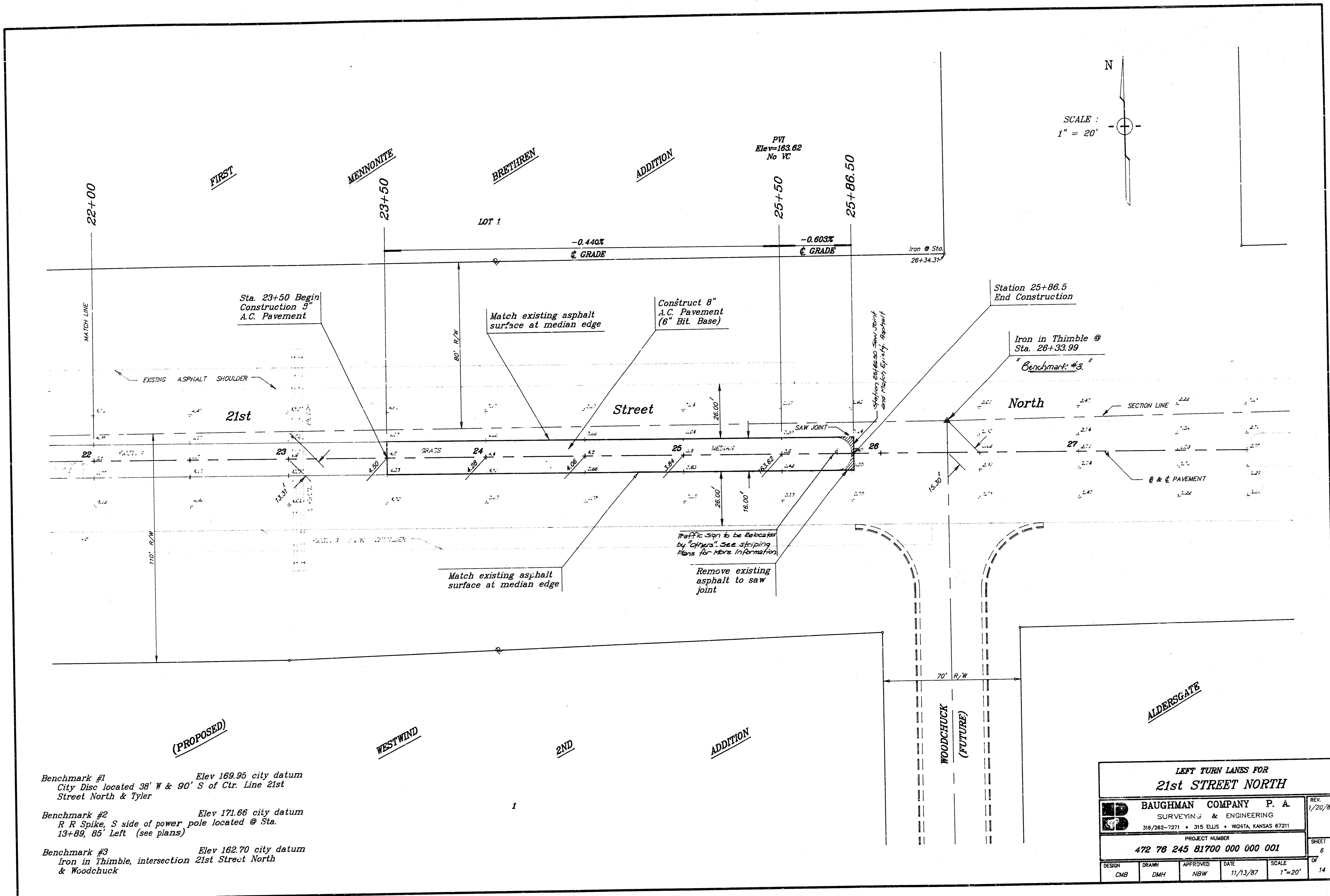


Benchmark #1 Elev 169.95 city datum
City Disc located 38' W & 90' S of Ctr. Line 21st Street North & Tyler

Benchmark #2 Elev 171.66 city datum
R R Spike, S side of power pole located @ Sta. 13+89, 65' Left (see plans)

Benchmark #3 Elev 162.70 city datum
Iron in Thimble, intersection 21st Street North & Woodchuck

LEFT TURN LANES FOR 21st STREET NORTH				
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER 472 76 245 81700 000 000 001				
DESIGN CMB	DRAWN DMH	APPROVED NRW	DATE 11/13/87	SCALE 1"=20'
				REV. SHEET 5 OF 14

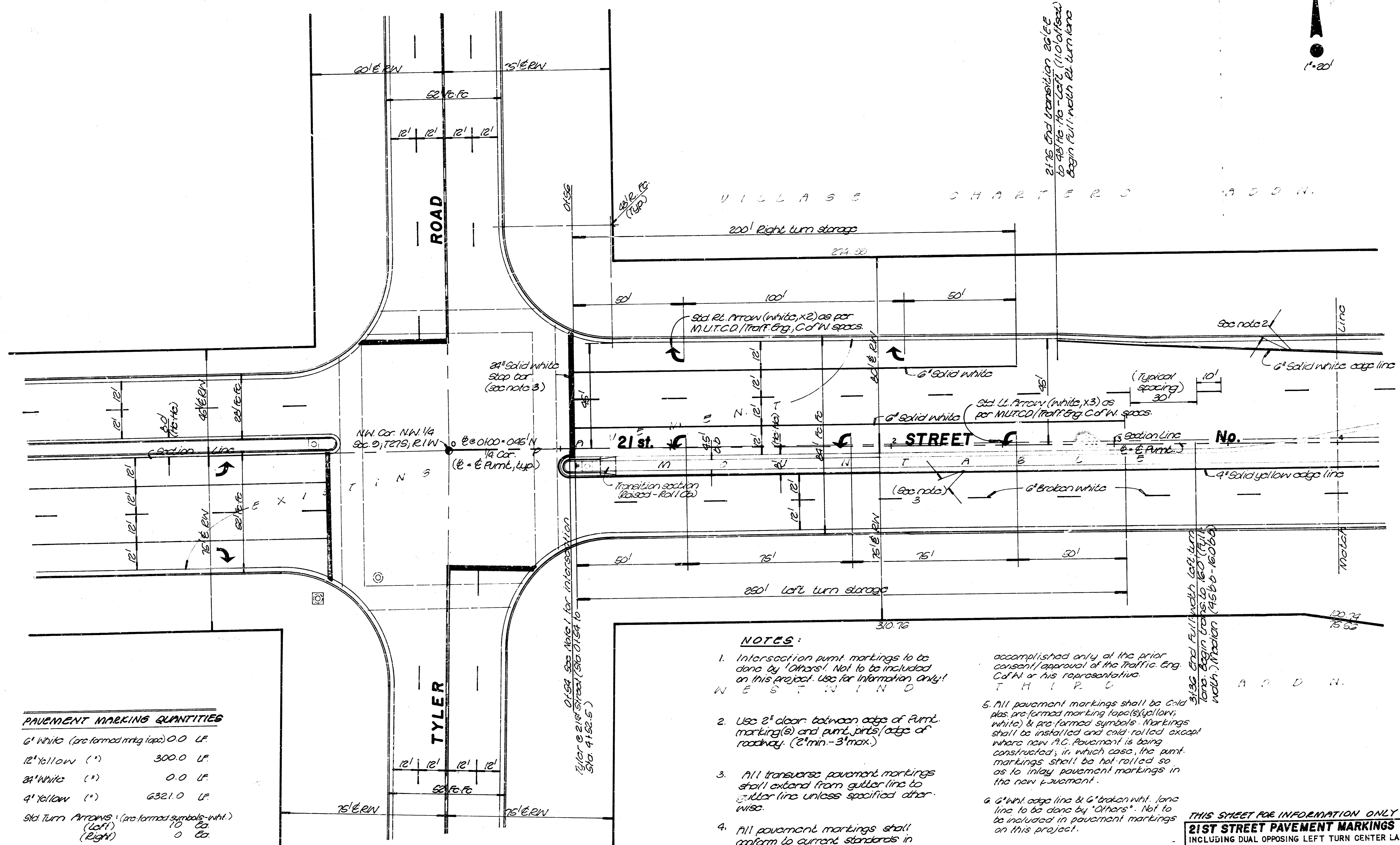
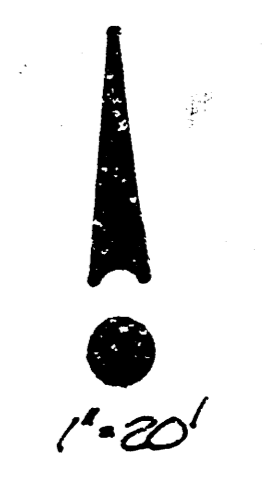


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 Iron in Thimble, intersection 21st Street North
 & Woodchuck

LEFT TURN LANES FOR 21st STREET NORTH			
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING <small>316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211</small>			REV. 1/20/88
PROJECT NUMBER 472 76 245 81700 000 000 001			SHEET 6 OF 14
DESIGN CMB	DRAWN DMH	APPROVED NBW	DATE 11/13/87 SCALE 1"=20'



PAVEMENT MARKING QUANTITIES

6" White (pre-formed marking tape)	0.0 LF
12" Yellow (")	300.0 LF
24" White (")	0.0 LF
4" Yellow (")	6321.0 LF
Std. Turn Arrows (pre-formed symbols-whit.)	
(Left)	10 Ea.
(Right)	0 Ea.

* Note: Figures include 15.0% average on linear footage.

Project length = 2,341.0' (1)

- NOTES:**
1. Intersection pmt. markings to be done by 'Others'. Not to be included on this project. Use for information only!
WESTMIN
 2. Use 2" clear. between edge of pmt. marking(s) and pmt. pits/edge of roadway. (2" min - 3" max.)
 3. All transverse pavement markings shall extend from gutter line to gutter line unless specified otherwise.
 4. All pavement markings shall conform to current standards in use as specified in the Uniform Manual (Traffic Control Devices) and/or Standard procedures & practices of the Traffic Eng. Div., City of Wichita. Exception to current marking stds. shall be

accomplished only at the prior consent/approval of the Traffic Eng. CA#1 or his representative.
THIRD

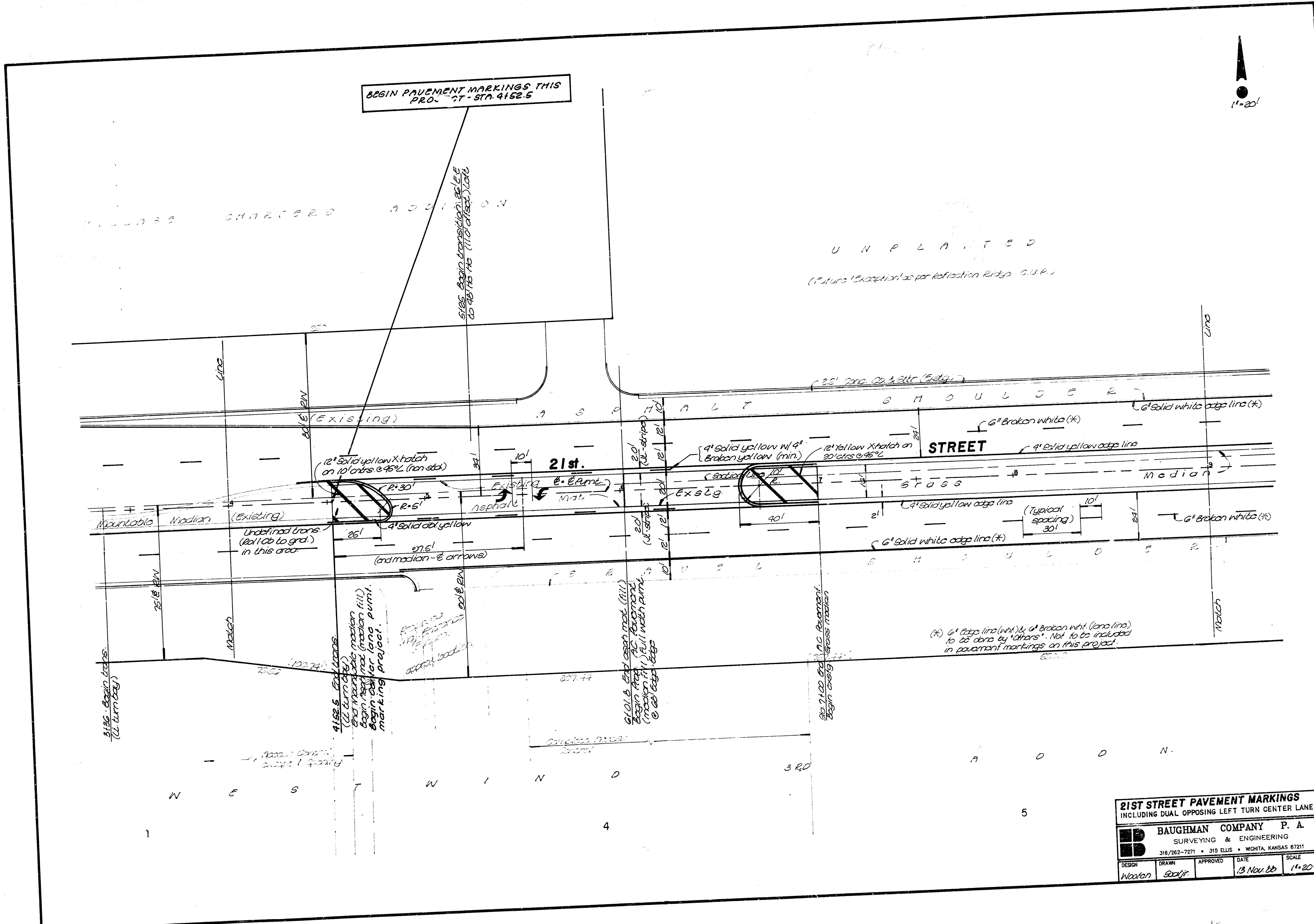
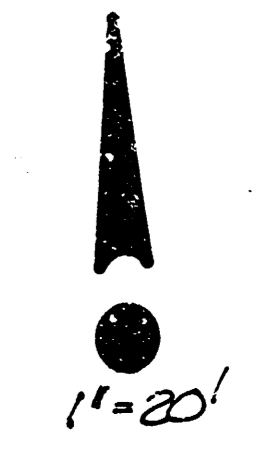
5. All pavement markings shall be cold plus pre-formed marking tape(s) (yellow, white) & pre-formed symbols. Markings shall be installed and cold-rolled except where new A.C. Pavement is being constructed; in which case, the pmt. markings shall be hot-rolled so as to inlay pavement markings in the new pavement.

6. 6" Whit. edge line & 6" broken wht. lane line to be done by 'Others'. Not to be included in pavement markings on this project.

THIS SHEET FOR INFORMATION ONLY!
21ST STREET PAVEMENT MARKINGS
INCLUDING DUAL OPPOSING LEFT TURN CENTER LANE

		BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211		SHEET 7 OF 14
DESIGN Hbaten	DRAWN Gadjr	APPROVED Pdl	DATE 13 Nov. 20	SCALE 1" = 20'

REV. 7



BEGIN PAVEMENT MARKINGS THIS
PROJ. ST. STA. 4152.5

5155.5 Begin Transition 20' L/E
to 48' 7/8" 76' (110' direct) L/L

12" Solid yellow X-hatch
on 10' ctrs @ 45% (non std)

4" Solid yellow w/ 4"
Broken yellow (min)

12" Yellow X-hatch on
20' ctrs @ 45%

STREET

6" Broken white (*)

6" Solid white edge line (*)

4" Solid yellow edge line

6" Solid white edge line (*)

6" Broken white (*)

(*) 6" Edge line (wh) & 6" Broken wht (long line)
to be done by "Others". Not to be included
in pavement markings on this project.

5155.5 Begin Trns.
(L-turn only)

4152.5 End Trns.
(L-turn only)
End median edge
Begin med. mat. (median fill)
Begin edge line pmt.
Begin marking project.

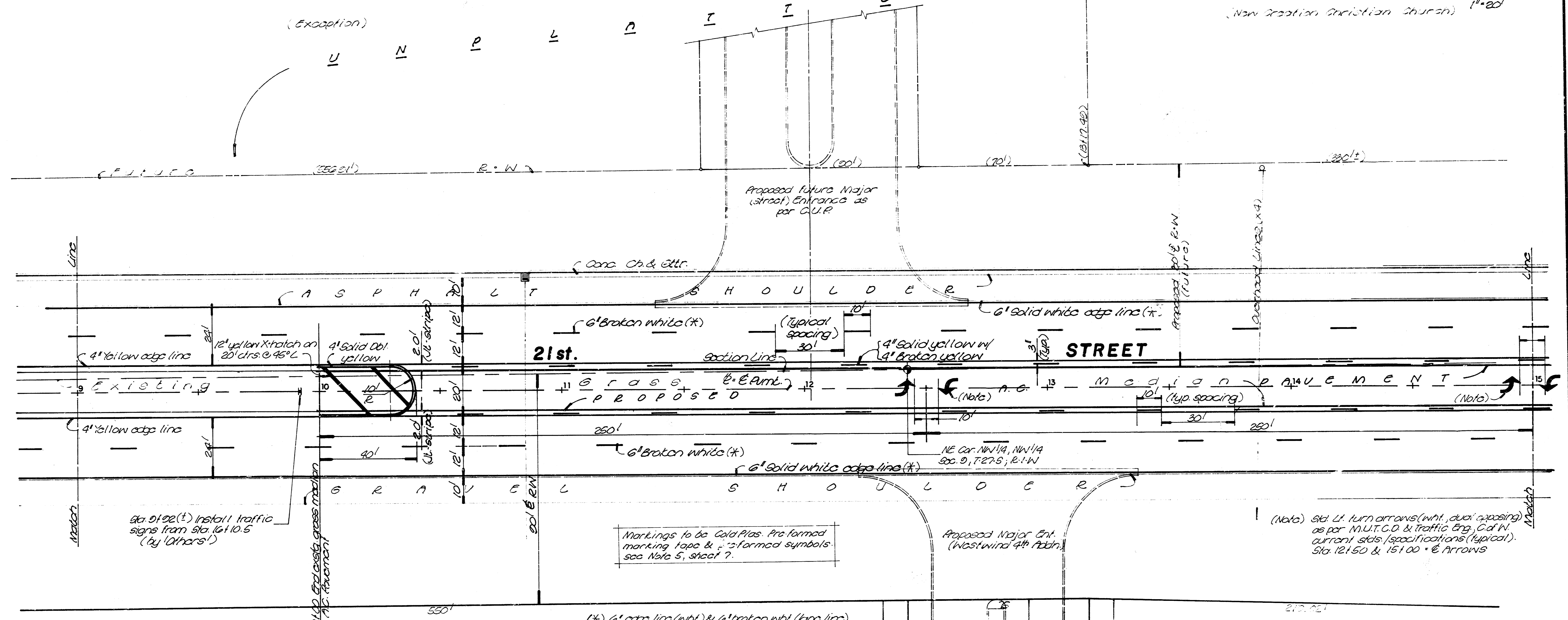
6101.5 End med. mat. (fill)
Begin med. mat. pmt.
(median fill) full width pmt.
to 65' edge

5127.120 End
Begin edge

21ST STREET PAVEMENT MARKINGS				REV. 1/14/20
INCLUDING DUAL OPPOSING LEFT TURN CENTER LANE				
BAUGHMAN COMPANY P. A.				
SURVEYING & ENGINEERING				SHEET 8
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211				OF 14
DESIGN Woolan	DRAWN Sod Jr.	APPROVED	DATE 13 Nov 20	SCALE 1"=20'

(PART OF FUTURE REFLECTION RIDGE AS PER C.U.P.)

(New location Christian Church) 1"=20'



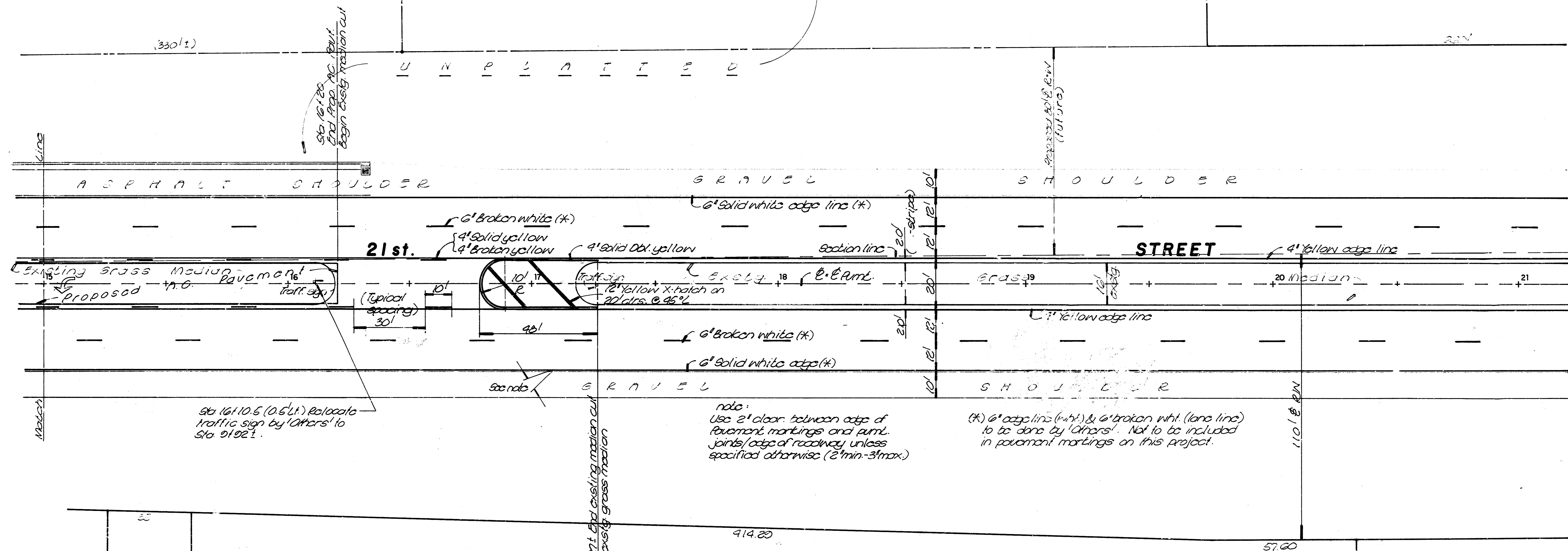
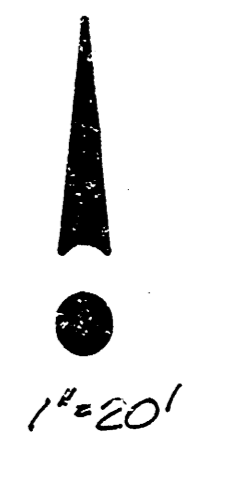
WESTWIND 3RD

ADDN.

GOLF PARK WEST

21ST STREET PAVEMENT MARKINGS					REV. Jan 88
INCLUDING DUAL OPPOSING LEFT TURN CENTER LANE					
BAUGHMAN COMPANY P. A.					SHEET 9
SURVEYING & ENGINEERING					OF 14
315/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
DESIGN	DRAWN	APPROVED	DATE	SCALE	
Waden	Soaljr		13 Nov. 87	1"=20'	

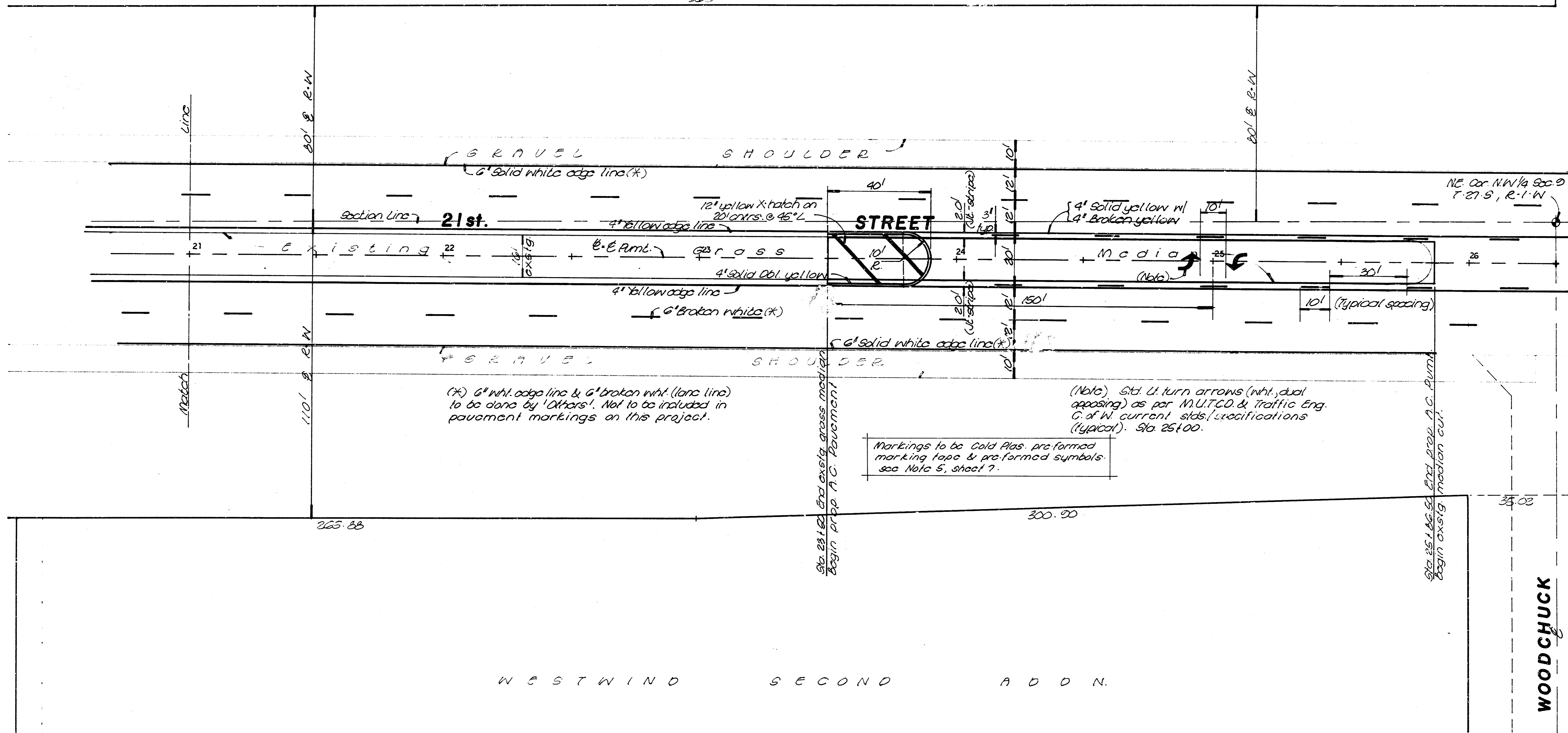
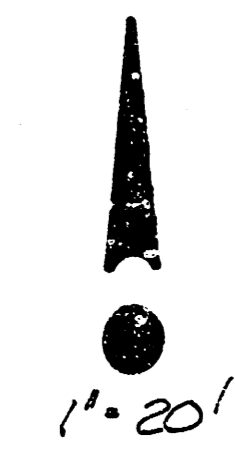
PART OF FUTURE REFLECTION RIDGE AS PER C.U.P.
 (New Creation Christian Church) (First Mennonite Brethren Church and Retirement Center) FIRST MENNONITE BRETHREN CHURCH



GOLF PARK WEST ADDN. WESTWIND SECOND ADDITION

21ST STREET PAVEMENT MARKINGS INCLUDING DUAL OPPOSING LEFT TURN CENTER LANE					REV. Jan 20
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211					SHEET 10 OF 14
DESIGN Wooten	DRAWN Sault	APPROVED	DATE 13 Nov 87	SCALE 1"=20'	

FIRST MENNONITE BROTHERS ADDITION



(*) 6" wht. edge line & 6" broken wht. (lane line) to be done by 'Others'. Not to be included in pavement markings on this project.

(Note) Std. U. turn arrows (wht., dual opposing) as per M.U.T.C.D. & Traffic Eng. C. of W. current stds./specifications (typical). Sta. 25100.

Markings to be Cold Plas. pre-formed marking tape & pre-formed symbols. see Note 5, sheet 7.

WESTWIND SECOND ADDITION

21ST STREET PAVEMENT MARKINGS
INCLUDING DUAL OPPOSING LEFT TURN CENTER LANE

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

DESIGN	DRAWN	APPROVED	DATE	SCALE
Abolan	Seal Jr.		13 Nov 87	1" = 20'

REV.	11
SHEET	11
OF	14

12/14

