

# LEFT TURN LANE ALONG 21st STREET NORTH

To Serve Lots 1 Through 52 Inclusive In Westwind 2nd Addition

PROJECT NO.

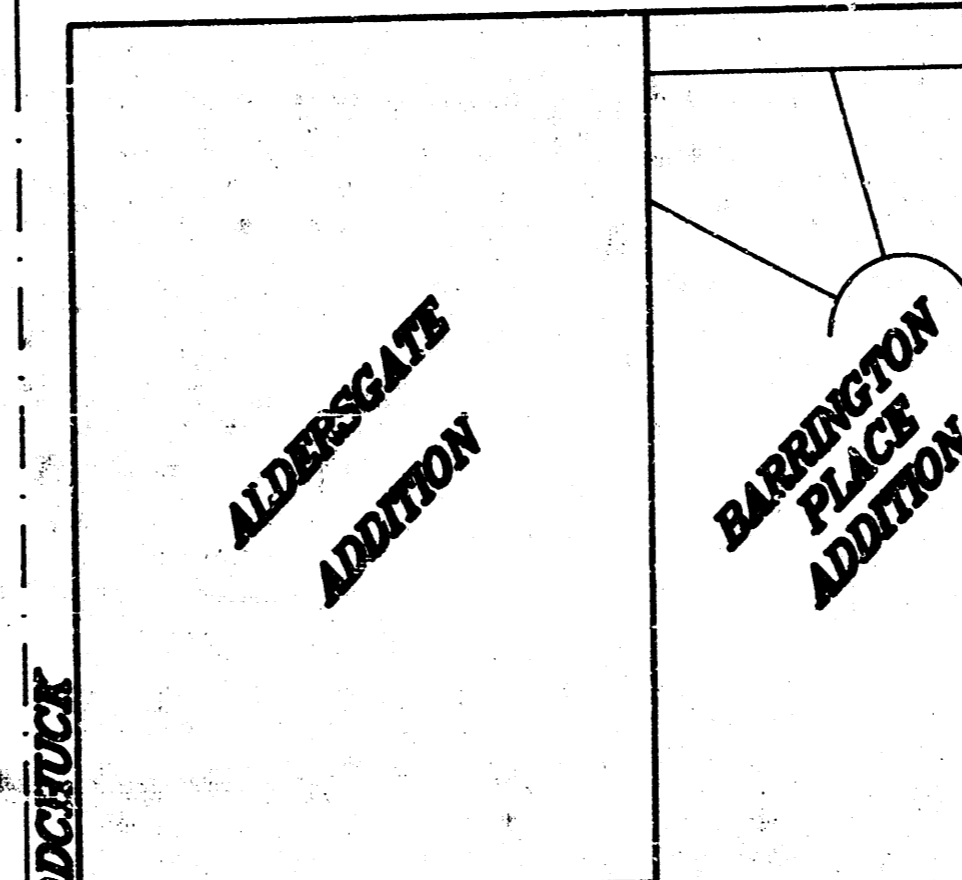
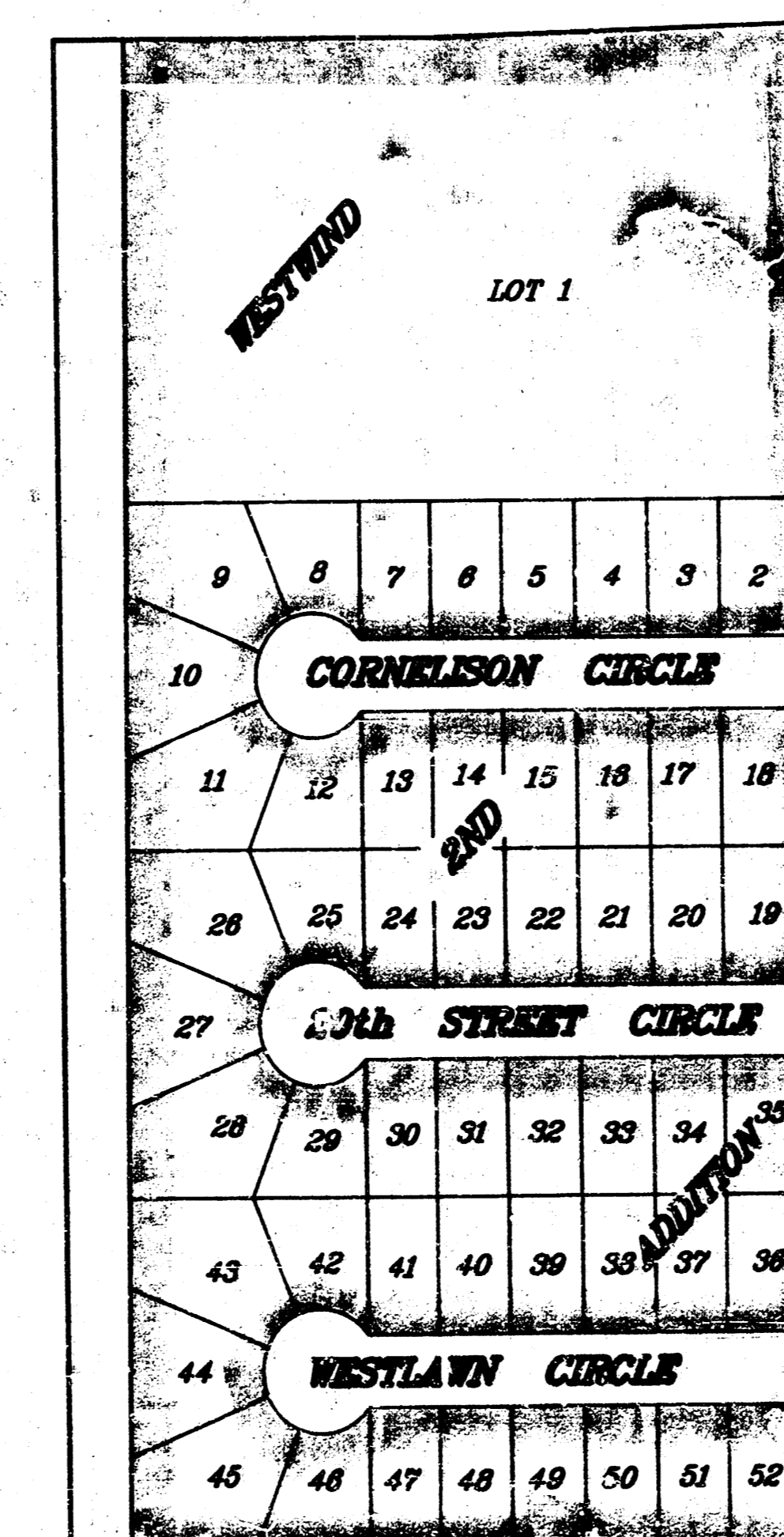
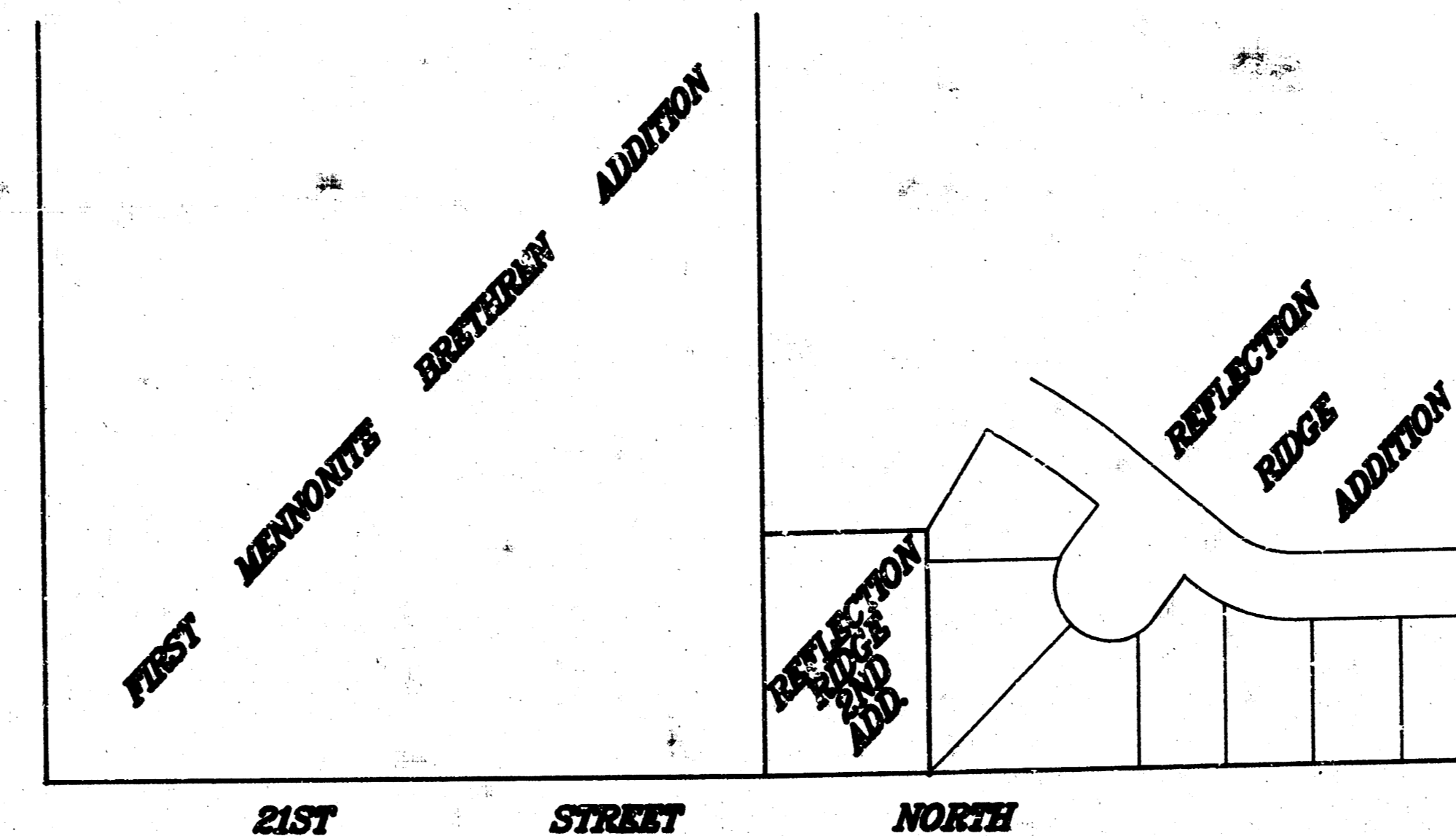
472-76-245-81775-000-000-001

Index Code

760066

## 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. This project does not include any provisions for construction of driveways.
4. 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.
5. The Contractor is to provide one open traffic lane in each direction on 21st Street for the duration of this project.
6. The Contractor shall provide adequate traffic control per MUTCD standards throughout the construction of this project.
7. 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.



BENEFIT DISTRICT

CITY OF WICHITA, KANSAS

MIKE E. LINDBERK

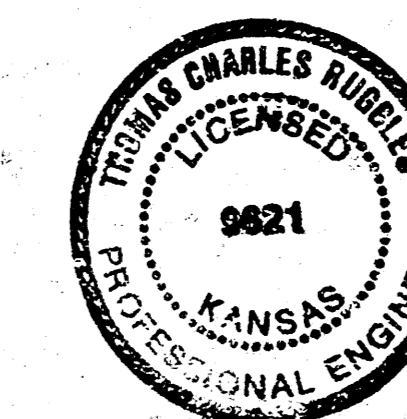
CITY ENGINEER

## INDEX

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| 1 | COVER SHEET            |
| 2 | MEDIAN PAVING DETAIL   |
| 3 | PAVEMENT PLANS         |
| 4 | PAVEMENT MARKING PLANS |
| 5 | EARTHWORK SECTIONS     |



SCALE 1" = 150'

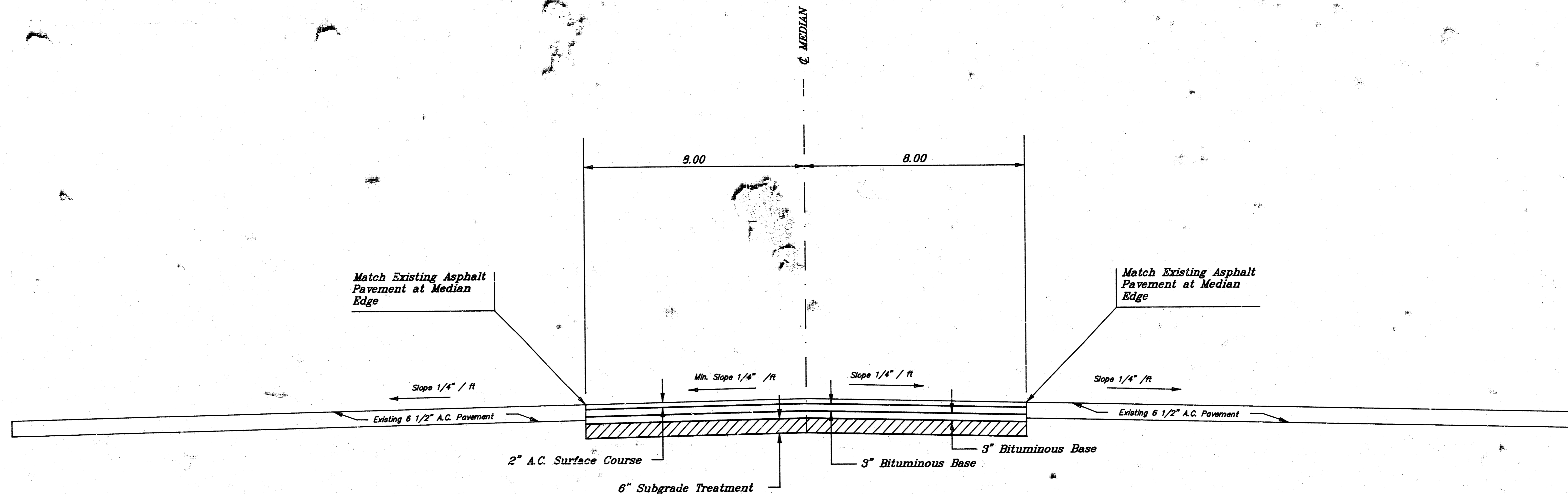


September 15, 1960

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

SHEET  
1  
OF  
5

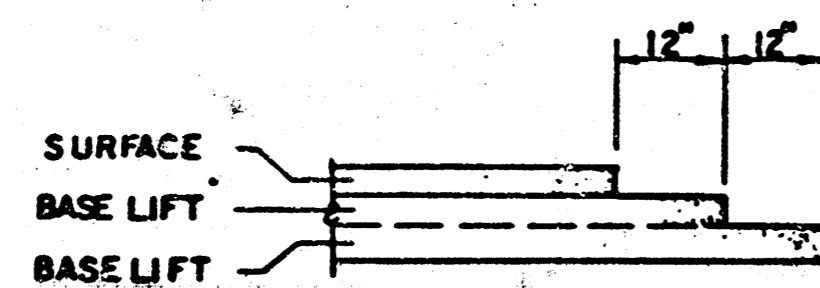
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Subgrade Treatment  
 Pebble Quick Lime  
 or  
 Sludge Lime

**TYPICAL PAVEMENT SECTION**  
 Station 27+85.5 to Station 30+96.6

**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 OF ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

**GENERAL NOTES**

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" 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 HEARING 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.

<b>TYPICAL PAVEMENT SECTION</b>				
Station 27+85.5 to Station 30+96.6				
<b>BAUGHMAN COMPANY P. A.</b>				REV.
SURVEYING & ENGINEERING				
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211				SHEET 2 OF 5
PROJECT NUMBER 472-76-245-81775-000-000-001				
DESIGN CMB	DRAWN DMH	APPROVED	DATE 8/28/89	SCALE NONE

BA 34

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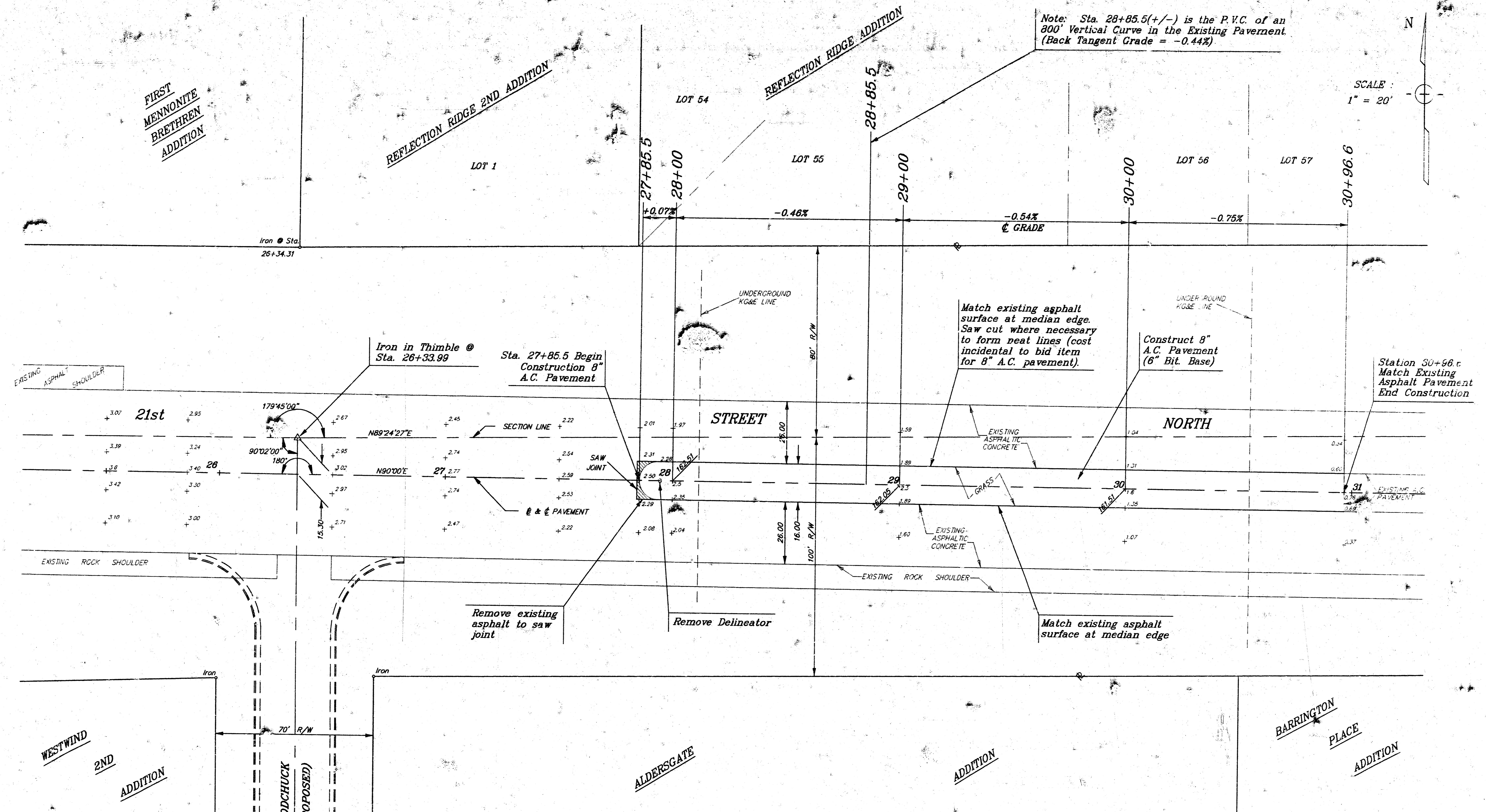
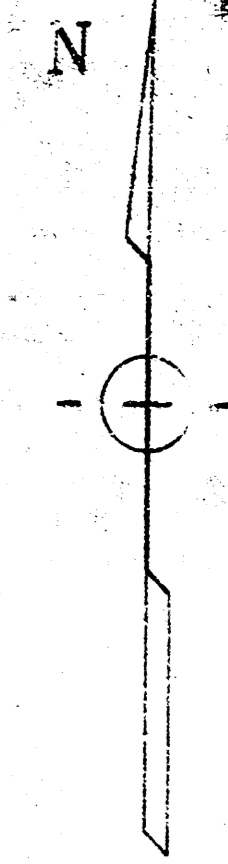
FIRST  
MENNONITE  
BRETHREN  
ADDITION

REFLECTION RIDGE 2ND ADDITION

REFLECTION RIDGE ADDITION

Note: Sta. 28+85.5(+/-) is the P.V.C. of an  
800' Vertical Curve in the Existing Pavement.  
(Back Tangent Grade = -0.44%)

SCALE:  
1" = 20'



EXISTING ASPHALT SHOULDER

21st

26

27

28

29

30

31

EXISTING ROCK SHOULDER

WESTWIND  
2ND  
ADDITION

WOODCHUCK  
(PROPOSED)

ALDERSGATE

ADDITION

BARRINGTON  
PLACE  
ADDITION

Iron in Thimble @  
Sta. 26+33.99

Sta. 27+85.5 Begin  
Construction 8"  
A.C. Pavement

Match existing asphalt  
surface at median edge.  
Saw cut where necessary  
to form neat lines (cost  
incidental to bid item  
for 8" A.C. pavement).

Construct 8"  
A.C. Pavement  
(6" Bit. Base)

Station 30+96.6  
Match Existing  
Asphalt Pavement  
End Construction

Remove existing  
asphalt to saw  
joint

Remove Delineator

Match existing asphalt  
surface at median edge

Earthwork Totals  
Excavation: 134 C.Y.  
Subgrade Manipulation: 555 S.Y.

Benchmark #1 Elev 171.66 city datum  
R R Spike, S side of power pole located @ Sta.  
13+89, 85' Left

Benchmark #2 Elev 162.70 city datum  
Iron in Thimble, intersection 21st Street North  
& Woodchuck

LEFT TURN LANE FOR 21st STREET NORTH @ WOODCHUCK			
BAUGHMAN COMPANY P. A. SURVEYING & ENGINEERING 316 W. 7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER 472-16-245-81775-000-001			
DESIGN TCR	DRAWN MCC	APPROVED	DATE 8/28/89
SCALE 1"=20'		SHEET 3	

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FIRST  
MENNONITE  
BRETHREN  
ADDITION

REFLECTION RIDGE 2ND ADDITION

LOT 54

REFLECTION RIDGE ADDITION

LOT 55

LOT 56

LOT 57

N

SCALE:  
1" = 20'

Iron @ Sta.  
26+34.31

EXISTING ASPHALT SHOULDER

UNDERGROUND K&E LINE

UNDERGROUND K&E LINE

(Note) Std. Lt. turn arrows (whit., dual opposing) as per M.U.T.C.D. & Traffic Eng., Cal'd current stds. (specifications (typ.) Sta. 30+00.

(\*) 6" Solid wht. edge & 6" Broken wht. lines to be done by others; Not to be included with paint markings on this project.

21st

STREET

NORTH

26

EXISTG. P.V.M.T. MARKINGS

SECTION LINE

27+55

27+93

80' R/W

6" Solid wht. edge line (\*)

6" Broken wht. (\*)

EXISTING ASPHALTIC CONCRETE

8" A.C. PAVEMENT

10'

5'

Note

4" DBI Yellow

Std. Revl. markings Sta. 31+00

EXISTING A.C. PAVEMENT

EXISTING ROCK SHOULDER

Remove paint markings Sta. 27+55 to Sta. 27+93. Begin paint markings. Restrip as shown.

26.00

16.00

100' R/W

6" Broken wht. (\*)

EXISTING ASPHALTIC CONCRETE

20'

10'

(Typical spacing)

4" Yellow w/ 4" Broken Yellow

6" Solid wht. edge line (\*)

EXISTING ROCK SHOULDER

WESTWIND 2ND ADDITION

WOODCHUCK (PROPOSED)

Iron

Iron

70' R/W

NOTE

ALDERSGATE ADDITION

ADDITION

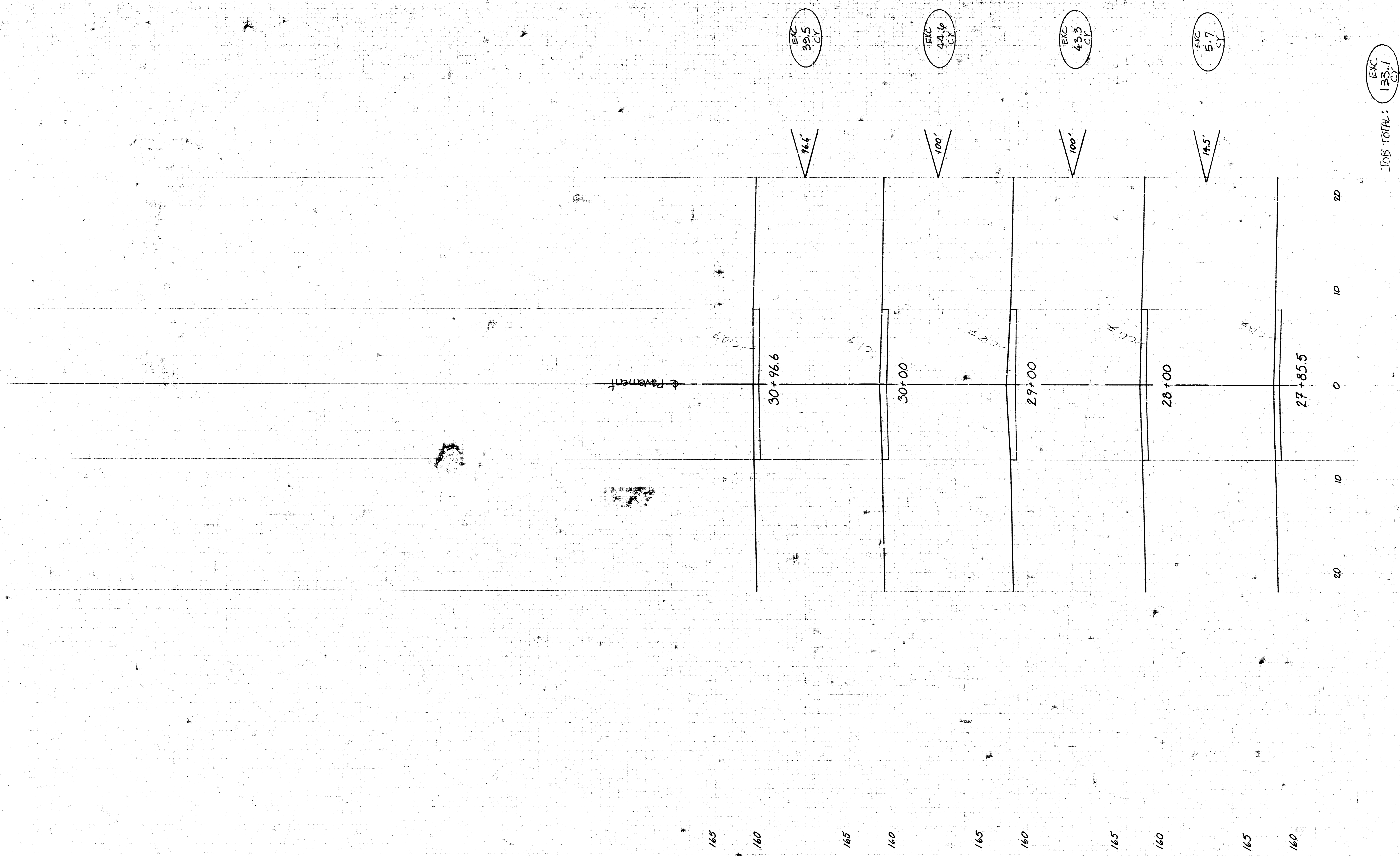
BARRINGTON PLACE ADDITION

1. All pavement markings shall conform to standards set forth in the Manual on Uniform Traffic Control Devices.
2. All pavement markings shall be the "cold-laid" Plastic Tape (white & yellow) type, meeting the required specifications of the Engineering Div., City of Wichita.
3. Installation of marking tapes on other than new A.C. pavement (i.e. concrete, existing A.C. surface) shall be in accordance with installation specifications for cold-laid markings.
4. Where new A.C. pavement is being constructed, the new pavement markings must be installed while the new wearing surface is still warm (at least 130°F) and rolled, so as to inlay the pavement markings into the new pavement.

**PAVEMENT MARKING PLAN**  
**21st STREET NORTH @ WOODCHUCK**

<b>BAUGHMAN COMPANY P.A.</b>		REV.
SURVEYING & ENGINEERING		
316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211		
PROJECT NUMBER		SHEET
472-78-245-81775-000-001		4
DESIGN	DRW/IN	APPROVED
TCR	MCC	8/28/89
SCALE		OF
1"=20'		5

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JOB TOTAL:  
 133.1

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