

PAVING PLANS FOR 19TH. STREET NORTH

19TH. ST. NORTH: FROM THE EASTERLY LINE OF WEBB RD. TO THE EAST LINE OF EASTMINSTER

PROJECT NO.
472-76-245-81546-000-000-001

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER
AUGUST, 1987

GENERAL NOTES

- CURB AND GUTTER WITH WIDENED GUTTER TO BE PAID AS COMBINED CURB AND GUTTER.
- ALL DRAINAGE STRUCTURES "BY OTHERS".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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 OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
- I-A INLET HOOKUPS TO BE BID EACH. SIZE VARIES.
- ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
- EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

CABLEVISION	262-4270 or 263-2061
KP&L GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
ARKLA GAS COMPANY	942-8350 or 263-8161
SOUTHWESTERN BELL TELEPHONE CO.	316-5711-2611
CITY OF WICHITA WATER DEPARTMENT	268-4508
CITY OF WICHITA SEWER DEPARTMENT	268-4071

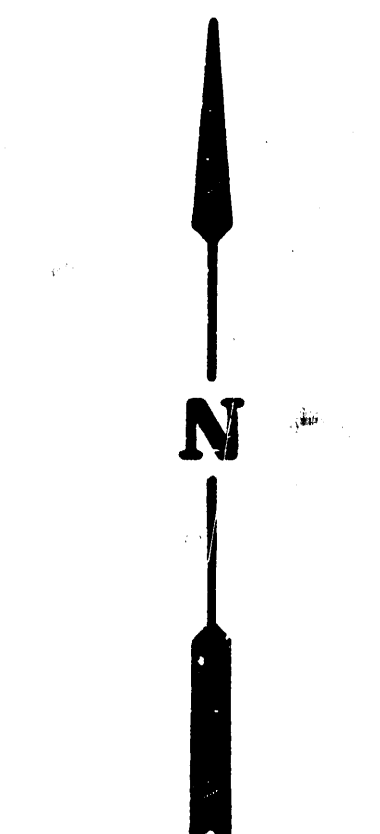
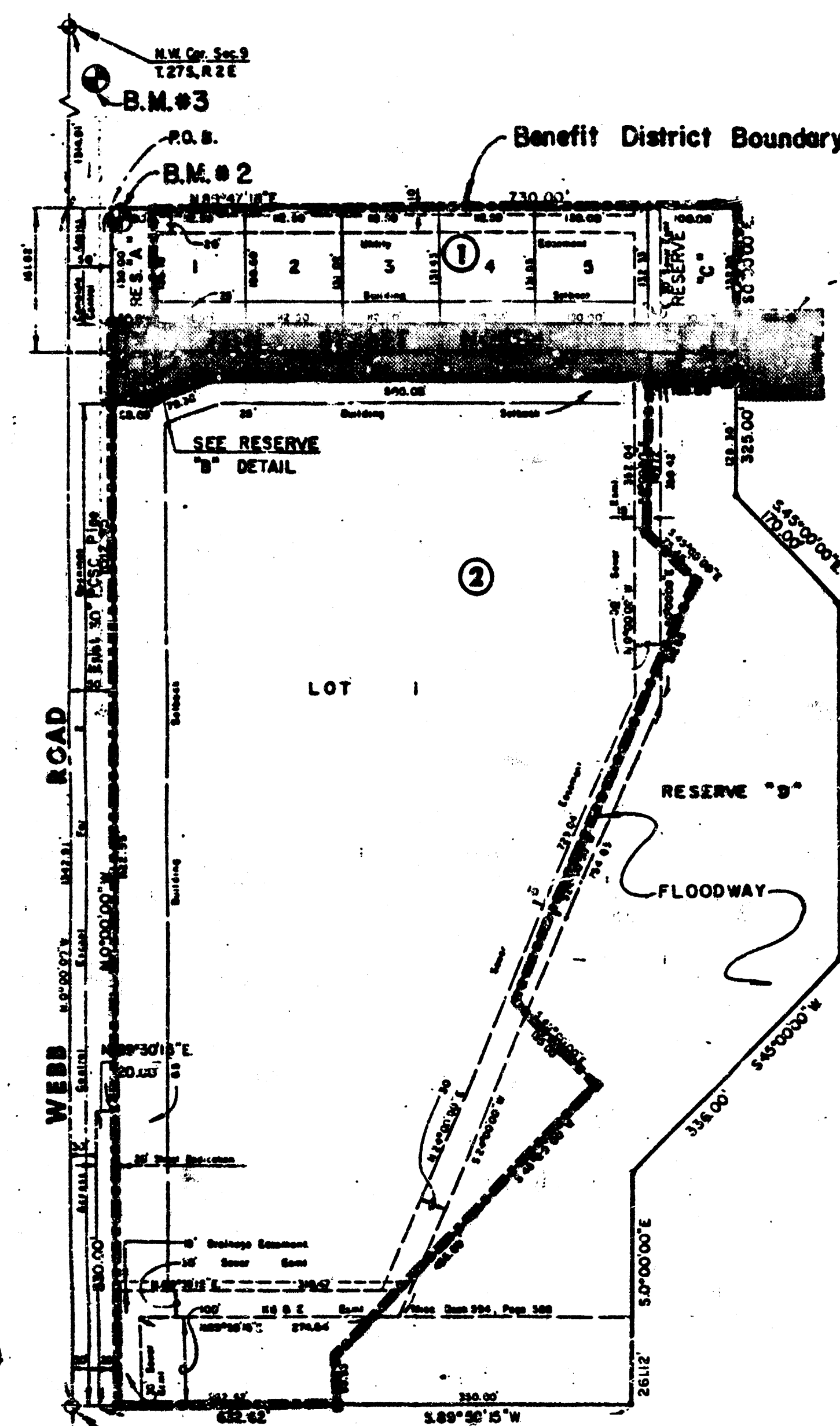
- THIS PROJECT IS TO BE CONSTRUCTED IN PHASES. PHASE I OF THIS PROJECT SHALL BE THE CONSTRUCTION OF THE 19TH PAVEMENT FROM WEBB ROAD EASTWARD TO THE DRIVE APPROACH INTO THE EASTMINSTER PRESBYTERIAN PARKING LOT (APPROXIMATELY STATION 5+00). CONSTRUCTION OF THE WEBB ROAD HOOKUP AND THE DRIVE APPROACH IS INCLUDED IN PHASE I. SOME TEMPORARY DITCHING MAY BE REQUIRED TO DRAIN PHASE I PAVING.

THE CHURCH IS UNDER CONSTRUCTION AND IT IS THEIR INTENT TO OCCUPY THE BUILDING DURING THE FIRST PART OF NOVEMBER. THE CONTRACTOR SHOULD PLAN TO SCHEDULE THE PHASE I WORK TO BE COMPLETED TO ACCOMMODATE THE CHURCH'S MOVE IN, WEATHER PERMITTING.

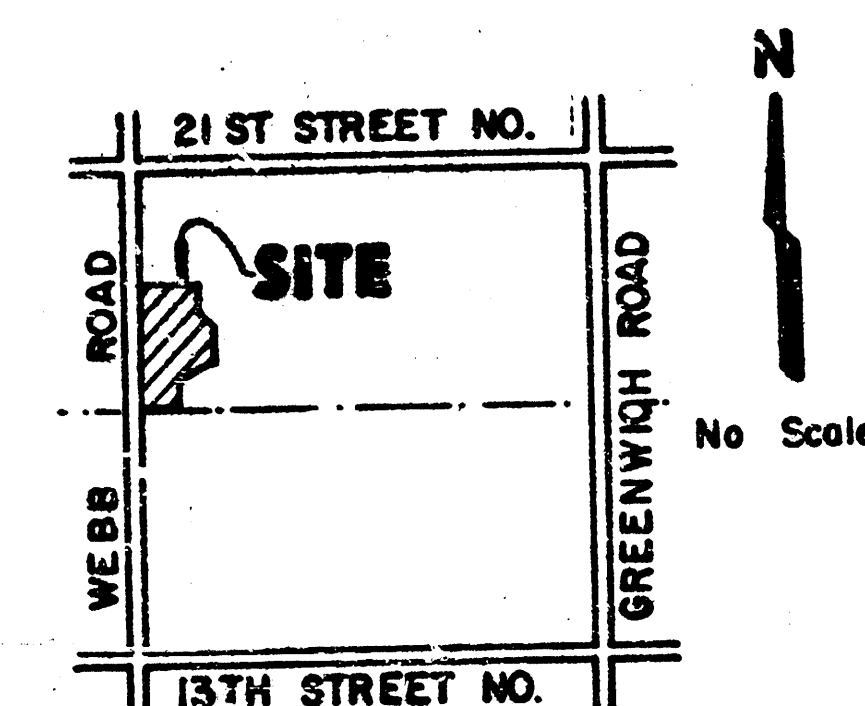
PHASE II WORK (THAT PART EAST OF PHASE I) WILL BE CONSTRUCTED FOLLOWING CONSTRUCTION OF THE CONCRETE BOX CULVERT AND CHANNELS. PHASE II WORK WILL PROBABLY NOT BEGIN UNTIL THE SPRING OF 1988.

BENCH MARKS

- 60 "D" Spike in E. Face of S. Leg of "H" Pole Structure. Elev. = 192.75
- R.R. Spike in S. Face of S. Gate Post at the N.W. Corner of Eastminster. Elev. = 197.62
- "X" Cut on N.E. Corner of R.C.B. at 700 S. of 21st Street N. & Webb Road Elev. = 198.24



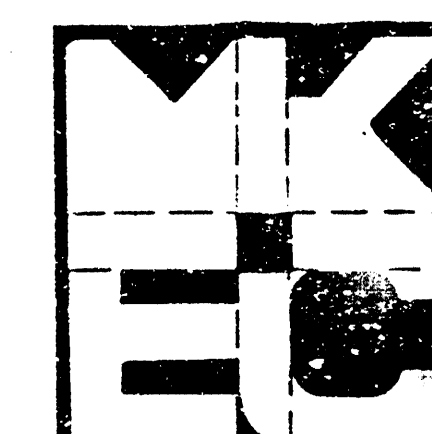
Scale: 1" = 150'



LOCATION MAP

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PAVING DETAILS
3-4	19TH STREET NORTH
5-7	CROSS SECTIONS
8	FINAL PLAT



19TH STREET NORTH
PAVING PLANS

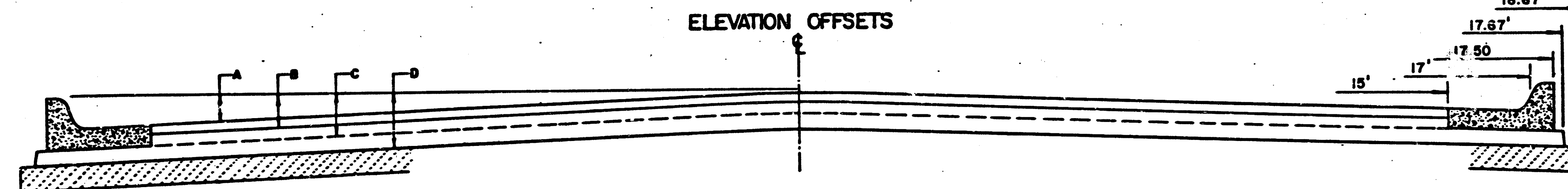
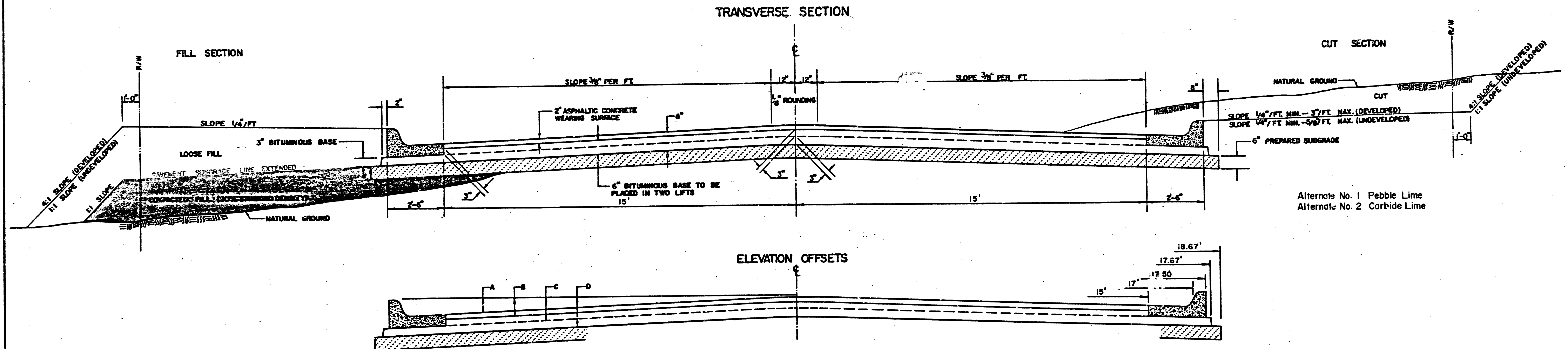
MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226

682-6561

Drawn by
FF
Checked by
KHB
Date
Aug. 1987
Job no.

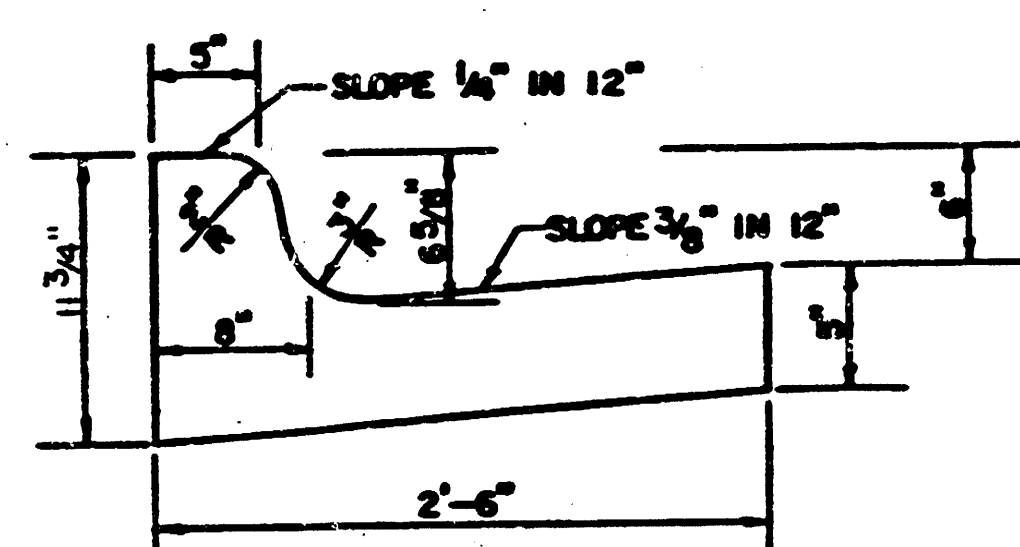
Sheet
1
of
8

TYPICAL 35' PAVEMENT DETAILS

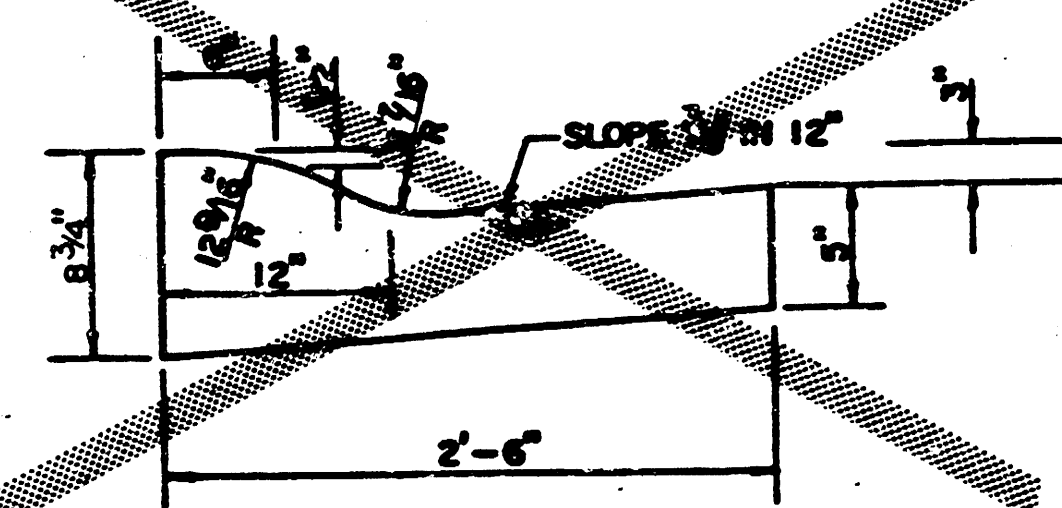


	DISTANCE FROM CENTERLINE (LT. & RT.)													
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—	
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.46	0.50	0.56	0.63	0.65	—	—	—	—	
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.46	0.50	0.56	0.62	0.71	0.75	0.81	0.88	0.90	0.97	0.98	0.99	—	
D: TOP OF CURBS TO TOP OF SUBGRADE	0.71	0.75	0.81	0.87	0.96	1.00	1.06	1.13	1.15	1.22	1.23	1.24	1.26	

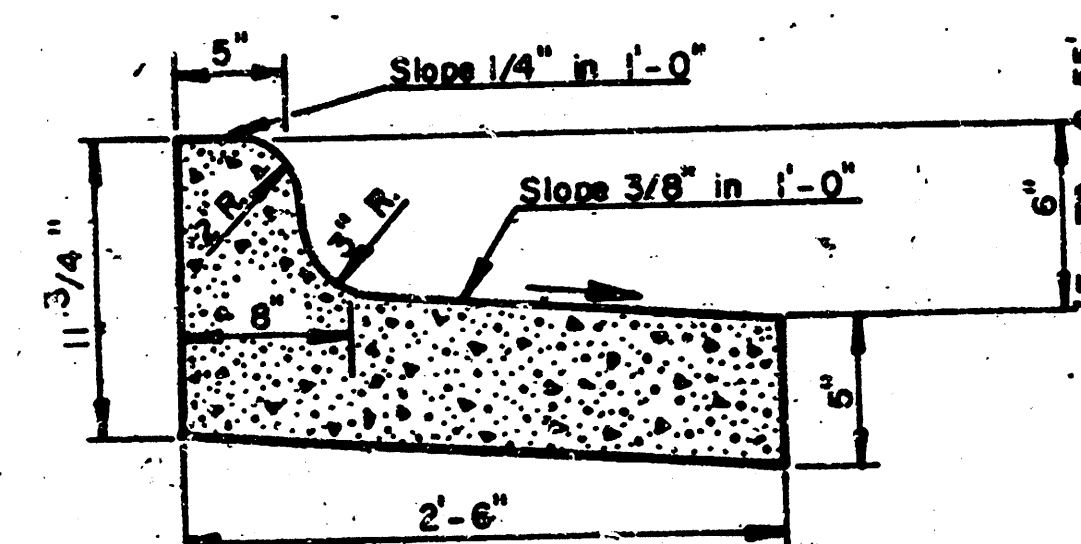
COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



COMBINED CURB & GUTTER (MEDIAN)

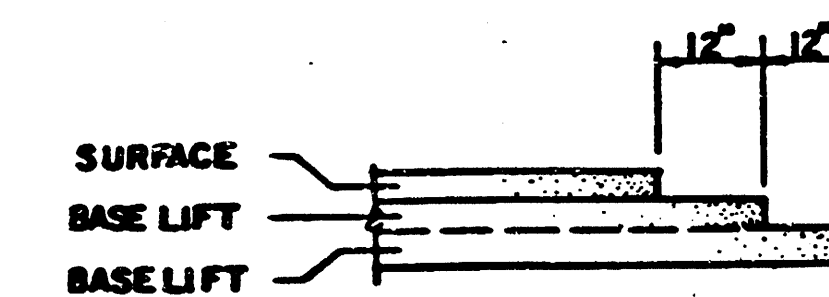


NOTE:
Combined Curb and Gutter (Median)
Paid as L.F. Combined Curb and
Gutter (6 5/8")

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 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

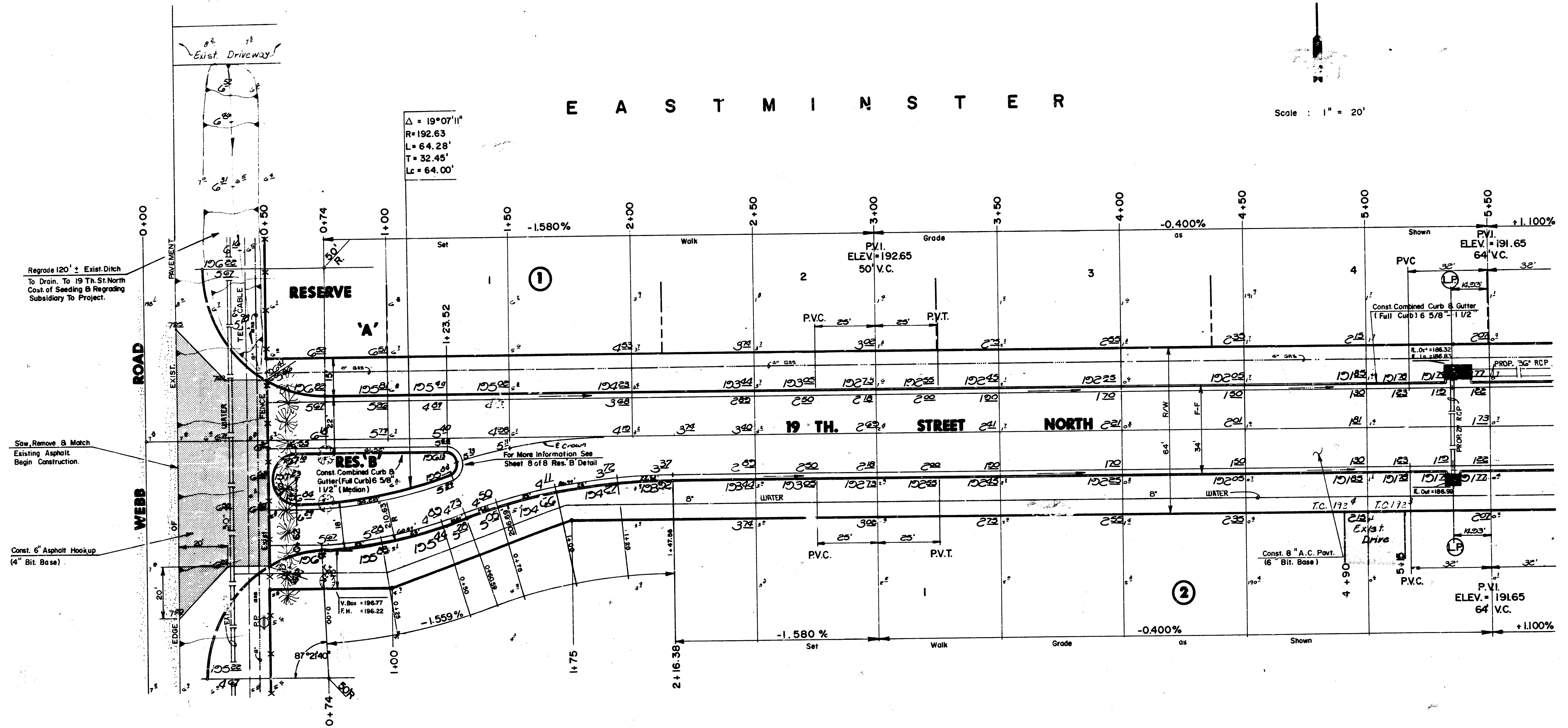
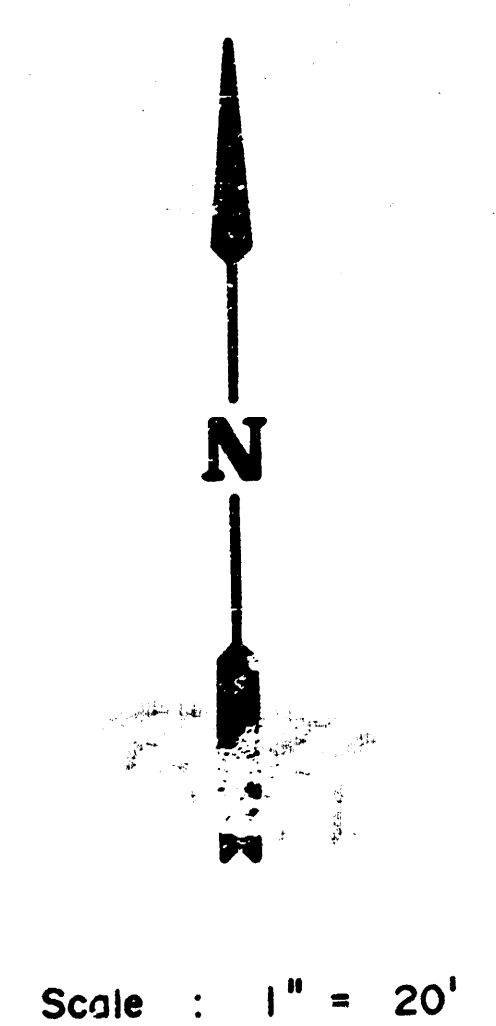


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

**8 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 6 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS**

PROJECT NUMBER
472-76-245-81546-000-000-001

EASTMINSTER



$\Delta = 16^\circ 28' 51''$ $R = 210.63$ $T = 30.50$ $L = 60.59'$ $LC = 60.39'$
CURVE DATA BASED ON F_c CURVE $\Delta / 2 = 8^\circ 14' 25''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		LT. OFFSET	8% OFF SET		
0+00.00	-	-	-	-	0°00'00"
0+25.00	25.00'	-	25.93'	03°24'00"	03°24'00"
0+50.00	25.00'	-	25.93'	03°24'00"	06°48'00"
0+60.59	10.59'	-	10.99'	01°26'25"	08°14'25"

Def./Ft. = 8.18927 Min.

$\Delta = 19^\circ 07' 11''$ $R = 280.69'$ $T = 43.91'$ $L = 86.99'$ $LC = 86.59'$
CURVE DATA BASED ON Centerline $\Delta / 2 = 9^\circ 33' 36''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		OFF LEFT	8' OFF RIGHT		
0+60.59	-	-	-	-	0°00'00"
0+75.00	14.41'	-	13.97'	01°35'02"	01°35'02"
1+00.00	25.00'	-	24.22'	02°44'50"	04°19'52"
1+25.00	25.00'	-	24.22'	02°44'50"	07°04'42"
1+47.58	22.58'	-	21.38'	02°28'54"	09°33'36"

Def./Ft. = 6.5936 Min.

EXCAVATION	COMP FILL	BORROW MATERIALS
520.1	477.5	1,272.0
10% 52.0	47.8	127.2
572.1	525.3	1,399.2

Manipulations = 3,947.5 S.Y.



CITY OF WICHITA		Design FF
19 TH. STREET NORTH		Drawn by FF
PROJECT NO. 472-76-245-81546 -000-000-001		Checked by KHB
		Date Aug., 1987
		Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226

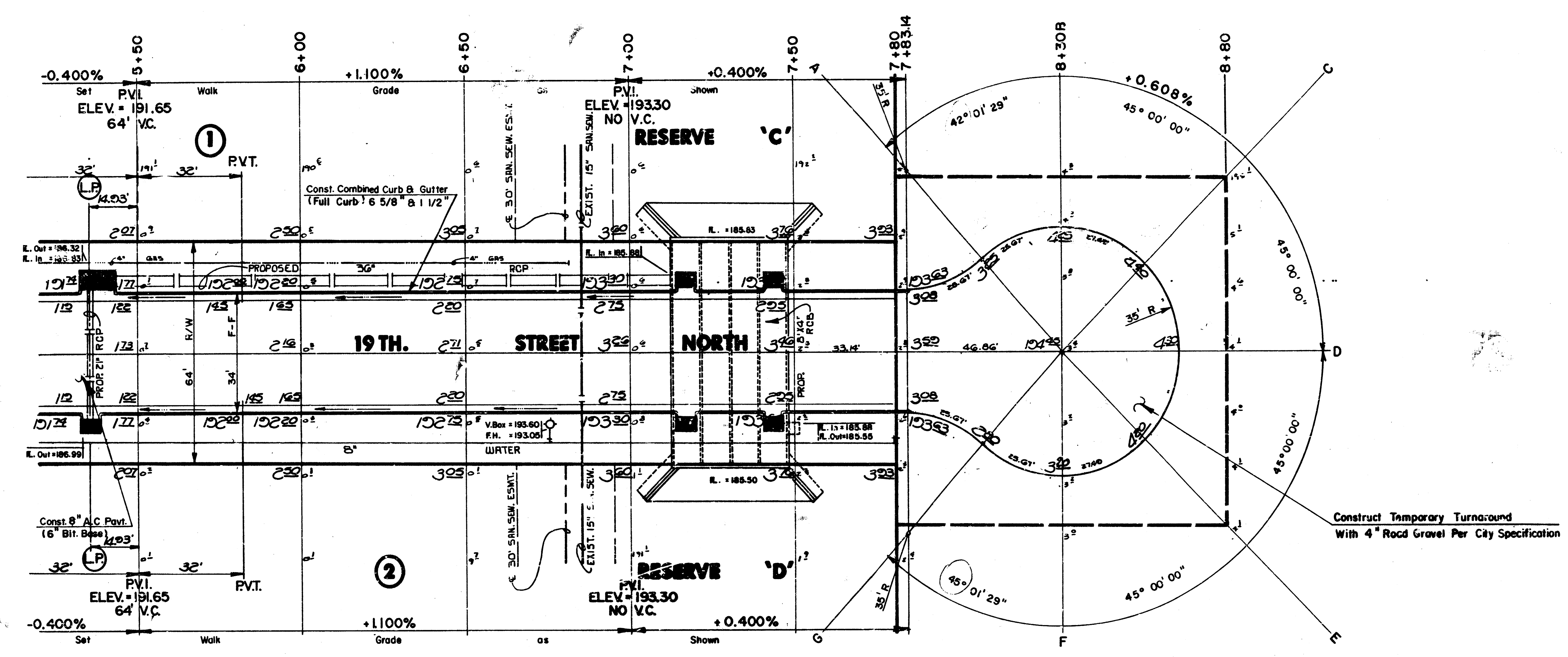
682-6561

Sheet 3 of 8

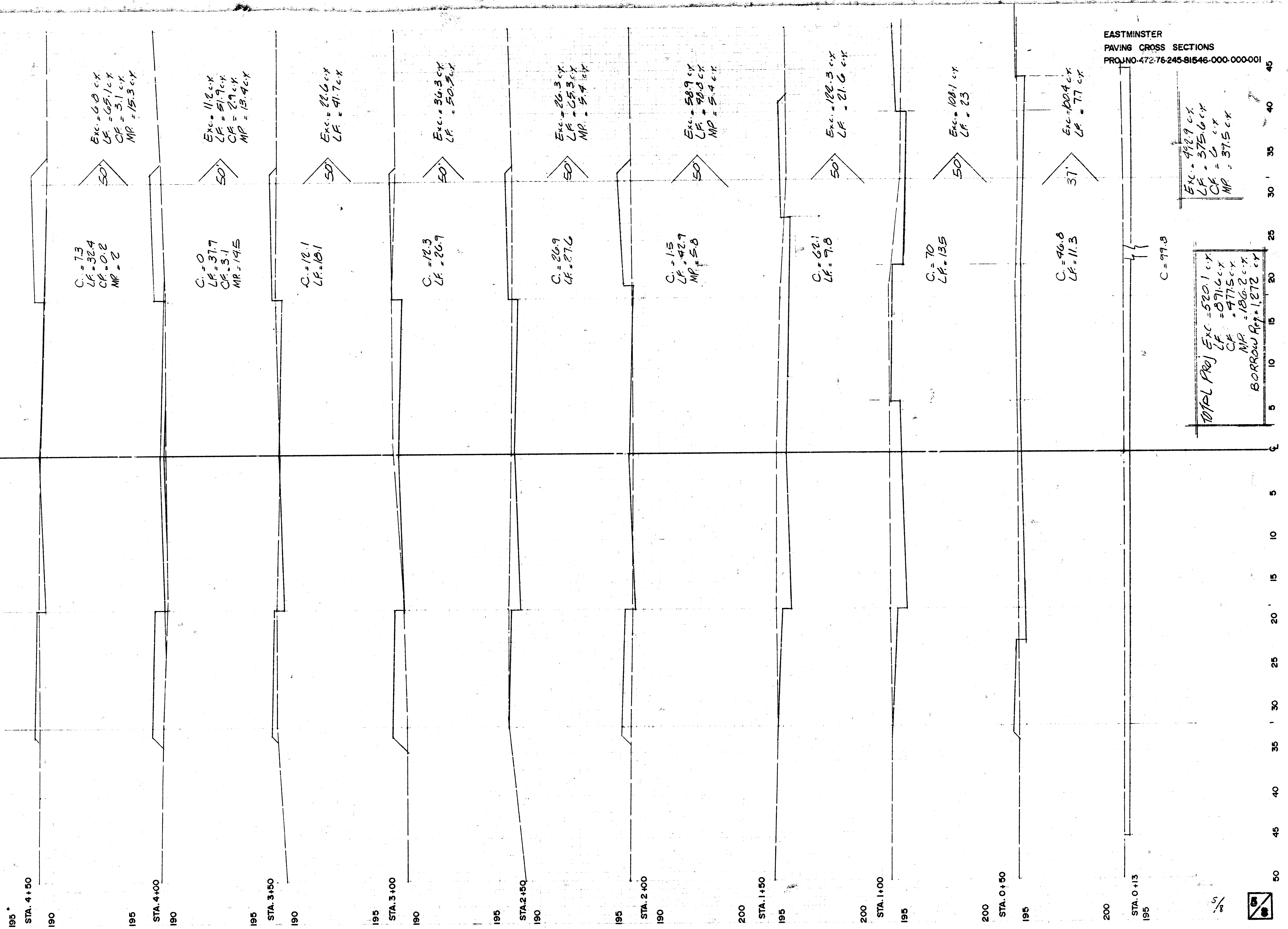
EASTMINSTER



Scale: 1" = 20'

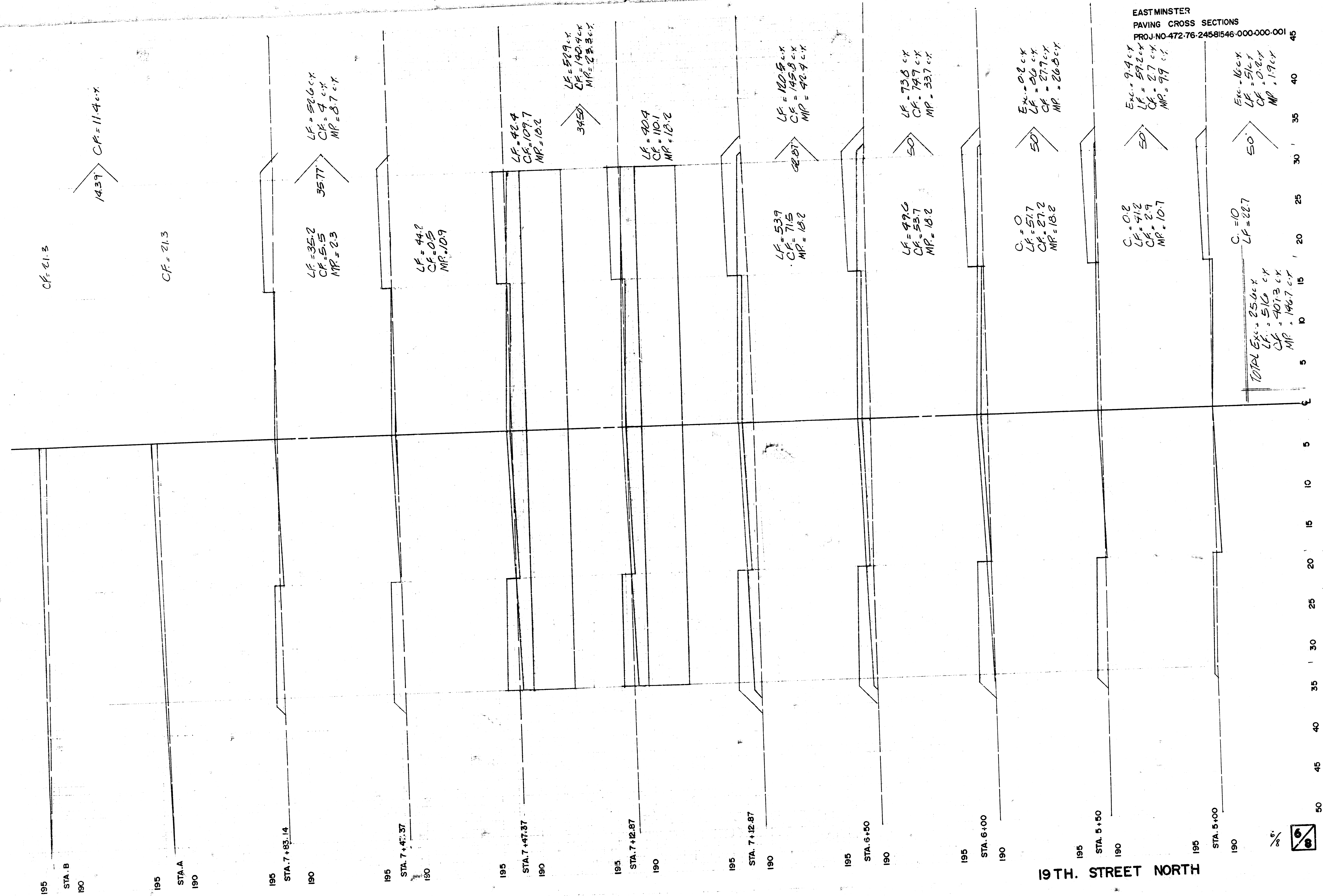


	CITY OF WICHITA		Drawn By FF
	19TH. STREET NORTH		Checked by KHB
	PROJECT NO. 472-76-245-81546-000-001		Date Aug. 1987
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Sheet 4 of 8



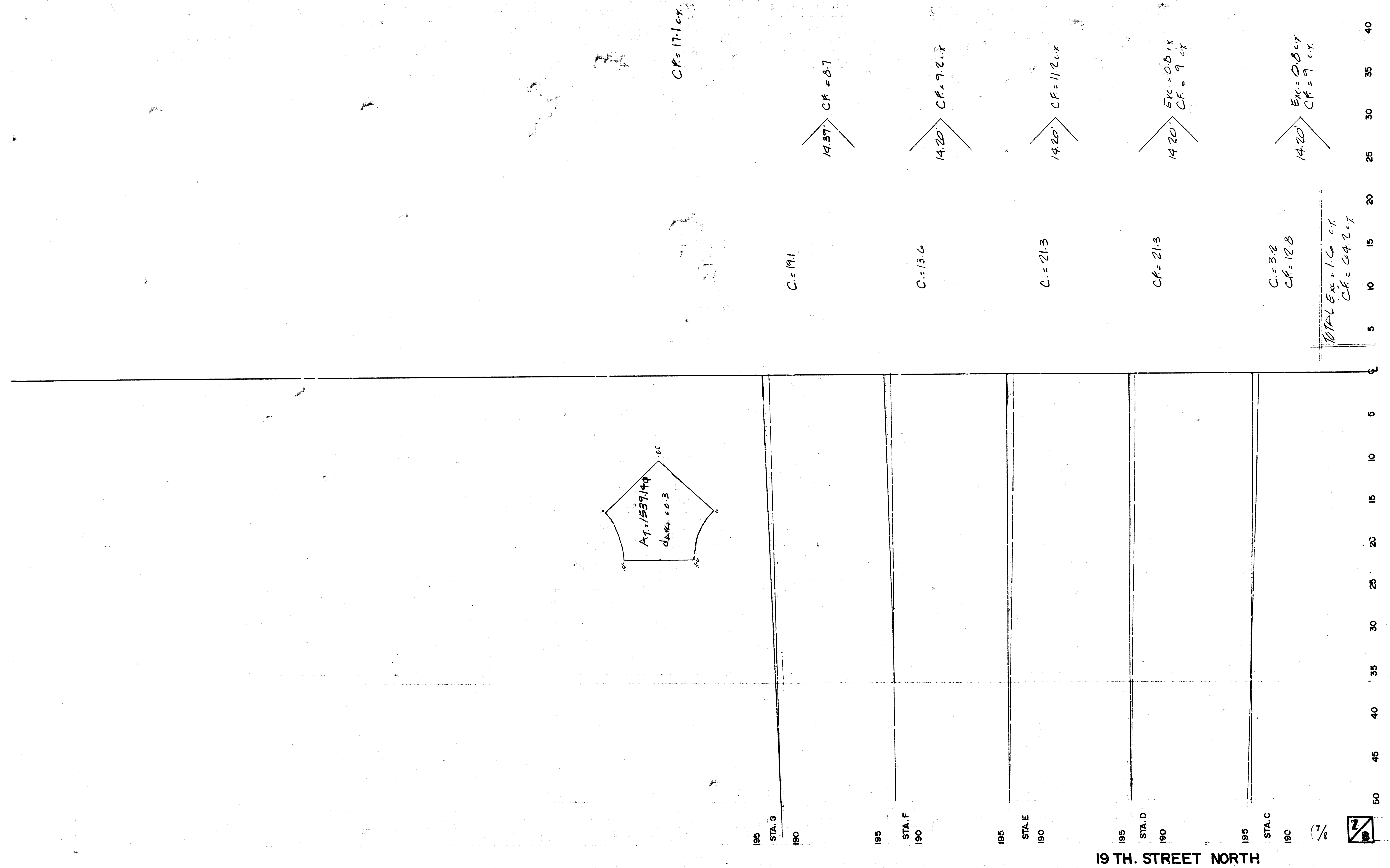
19 TH. STREET NORTH





EASTMINSTER
PAVING CROSS SECTIONS
PROJ. NO. 472-76-2458146-000-000-001

19 TH. STREET NORTH



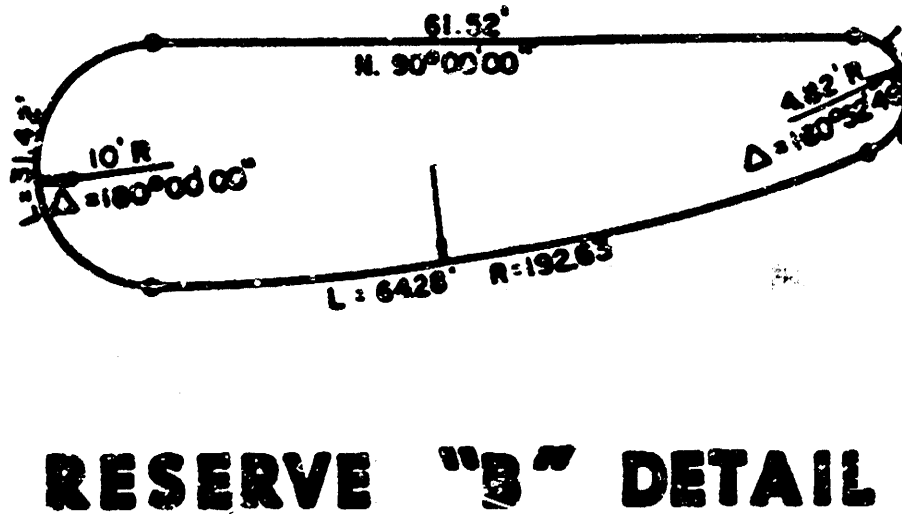
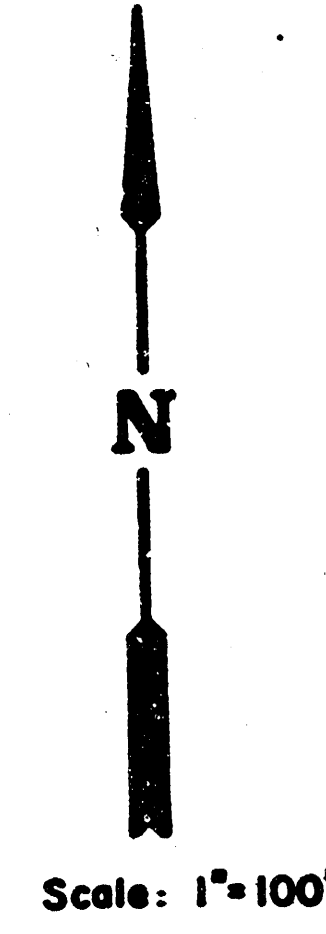
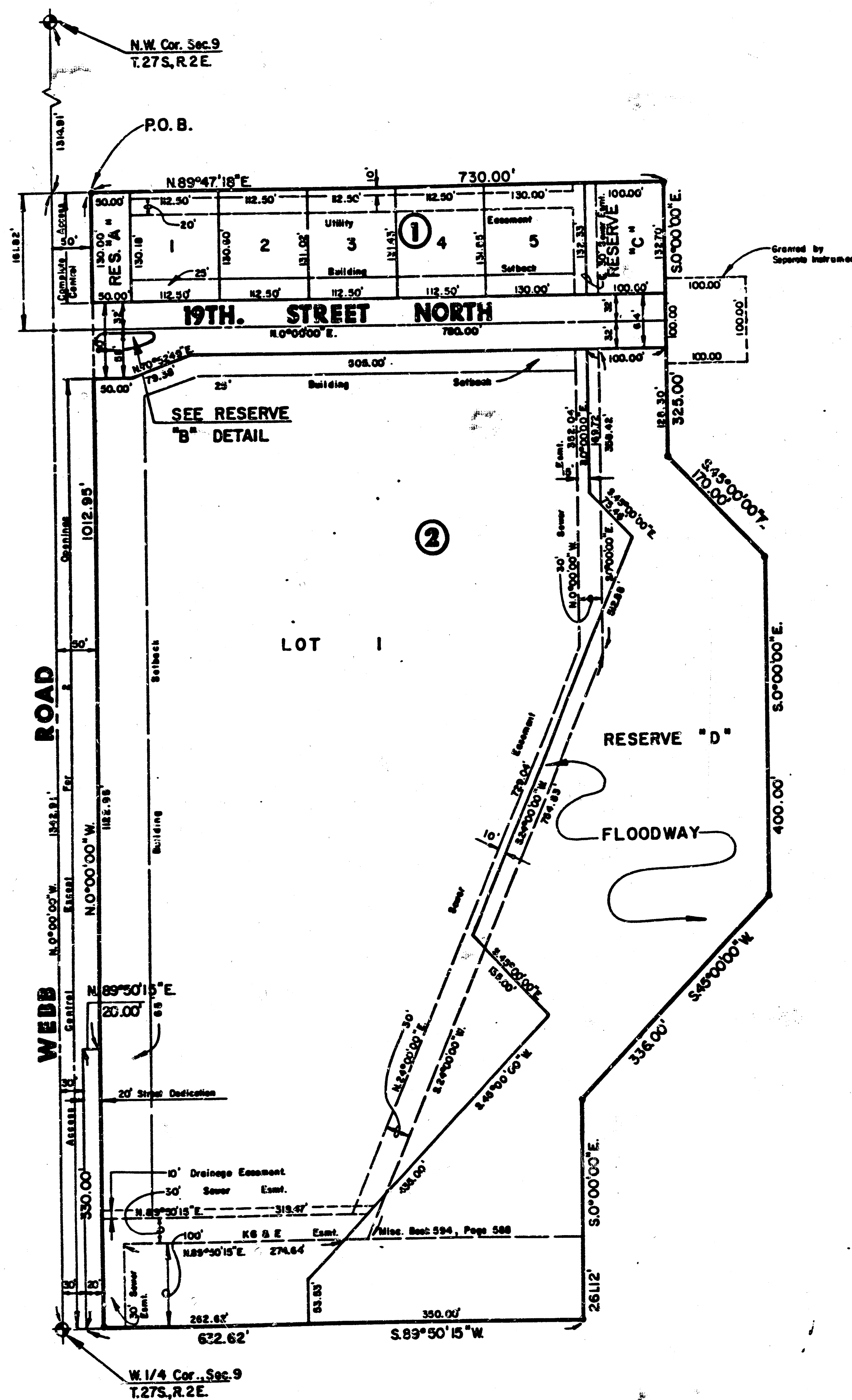
19 TH. STREET NORTH

45-40

01-5 H

FINAL PLAT OF EASTMINSTER

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



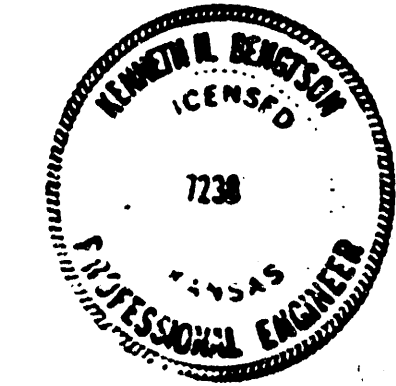
I, Kenneth H. Bengtson, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "EASTMINSTER", an addition to Wichita, Sedgwick County, Kansas into Lots, Blocks, Streets and Reserves, the same being accurately set forth in the accompanying plat and described as follows:

A tract of land lying within the northwest quarter of Section 9, Township 27 south, Range 2 east of the 6th P.M., more particularly described as follows:

Commencing at the northwest corner of said northwest quarter; thence on an assumed bearing S 00° 00' 00" E, 1314.91 feet along the west line of said northwest quarter to a point 1342.91 feet north of the southwest corner of said northwest quarter; thence N 89° 47' 18" E, 50.00 feet parallel and 14.00 feet north of the north line of the southwest quarter of said northwest quarter to the point of beginning; thence N 89° 47' 18" E, 730.00 feet parallel and 14.00 feet north of the north line of the southwest quarter of said northwest quarter; thence S 00° 00' 00" E, 325.00 feet; thence S 45° 00' 00" E, 170.00 feet; thence S 00° 00' 00" E, 400.00 feet; thence S 45° 00' 00" W, 336.00 feet; thence S 00° 00' 00" E, 261.12 feet to a point on the south line of said northwest quarter; thence along the south line of said northwest quarter S 89° 50' 15" W, 632.62 feet to a point 30.00 east of the west line of said northwest quarter; thence N 0° 00' 00" E, 330.00 feet parallel and 30.00 feet east of the west line of said northwest quarter; thence N 89° 50' 15" E, 20.00 feet to a point 50.00 feet east of the west line of said northwest quarter; thence N 0° 00' 00" E, 1012.95 feet parallel and 50.00 feet east of the west line of said northwest quarter to the point of beginning.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 5 day of March, 1986.

Kenneth H. Bengtson
Kenneth H. Bengtson, P.E.
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Bldg. 800
Wichita, KS 67226



Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineers Certificate, have caused the same to be surveyed and plotted into Lots, Blocks, Streets, and Reserves, the same to be known as "EASTMINSTER", an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities and drainage, as indicated on the accompanying plat are hereby granted. Reserves "A", "B", "C", & "D", are platted for construction and maintenance of public utilities and landscaping. Reserves "A" and "B" are also platted for entry monuments. Reserve "C" is also platted for drainage. Reserves "D" is platted for floodway purposes. All reserves shall be owned and maintained by the Homeowners Association. The floodways shall be the responsibility of the owners until such time as the governing body exercising jurisdiction elects to assume the responsibility for the maintenance and improvement of the drainage, provided further, that no structure shall be constructed on or within said floodway, nor shall any fill, change of grade, creation of channel or other work be carried on without the permission of the City Engineer. All abutters' rights of access to or from Webb Road over and across the west line of Lot 1, Block 3 and the west line of Reserve "A" of "EASTMINSTER" are hereby granted to the City of Wichita, Kansas except Lot 1, Block 2 shall have access at two locations: to Webb Road as determined by the City Engineer.

Eastminster United Presbyterian Church

William A. Buetger
William A. Buetger, President
Board of Trustees

STATE OF KANSAS)
SEDGWICK COUNTY) ss:

Be it remembered that on this 5th day of March, 1986, before me a Notary Public in and for said State and County, came William A. Buetger, President, Board of Trustees, on behalf of Eastminster United Presbyterian Church, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

William A. Buetger
Notary Public
My Appointment Expires: 12-31-87

This plat of "EASTMINSTER" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 20th day of February, 1986.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

William J. Buetger
William J. Buetger, Chairman
William J. Buetger
William J. Buetger, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 10th day of March, 1986.

Robert C. Brown
Robert C. Brown, Mayor
Donald C. Glick
Donald C. Glick, City Clerk

Entered on transfer record this 25th day of March, 1986.

Jim Powell
Jim Powell, County Clerk

STATE OF KANSAS)
SEDGWICK COUNTY) ss:

This is to certify that this instrument was filed for record in the Register of Deeds office this 25th day of March, 1986.

Pat Kettler
Pat Kettler, Register of Deeds

Ed Rosa
Ed Rosa, Deputy

Restrictive Covenant F 777 B 1214

A 5-40

45-40