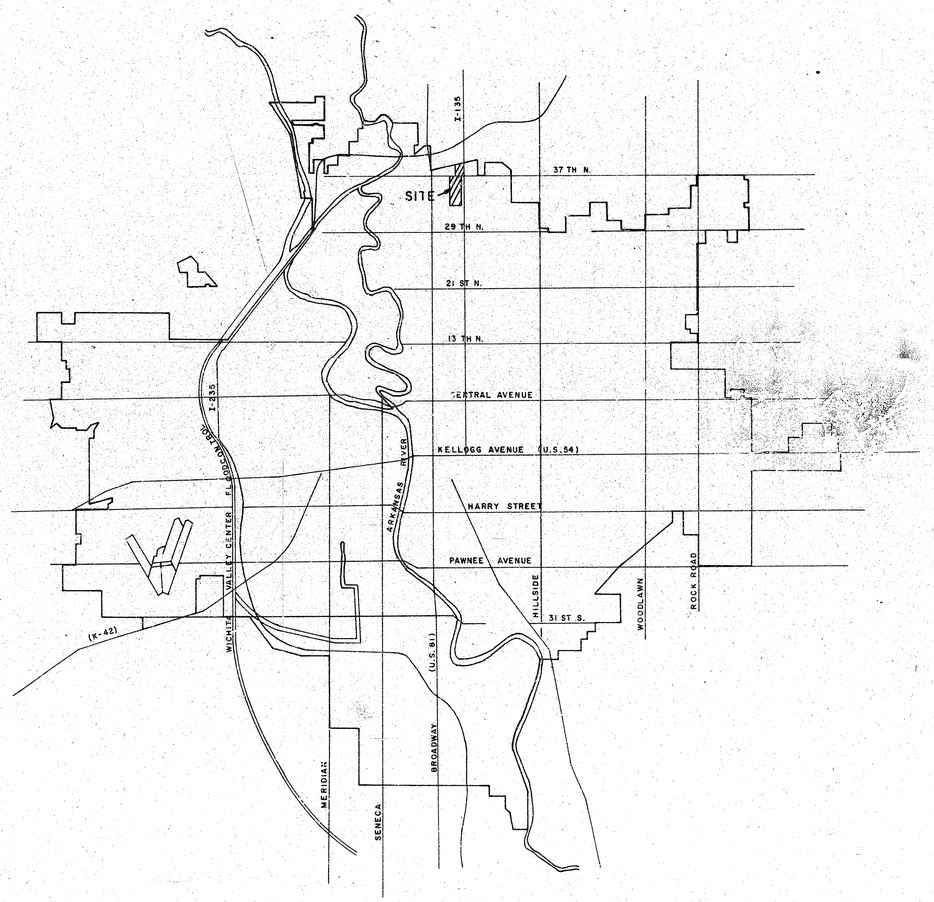
CITY OF WICHITA
DEPARTMENT OF ENGINEERING

OHIO

From SL Bridgeport 3 Industrial Addition and
NL 33rd Street North to SL 37th Street North
PROJ. NO. 472-76-245-80933-000-000-001
CITY ENGINEER- R. W. BRUGGEMAN



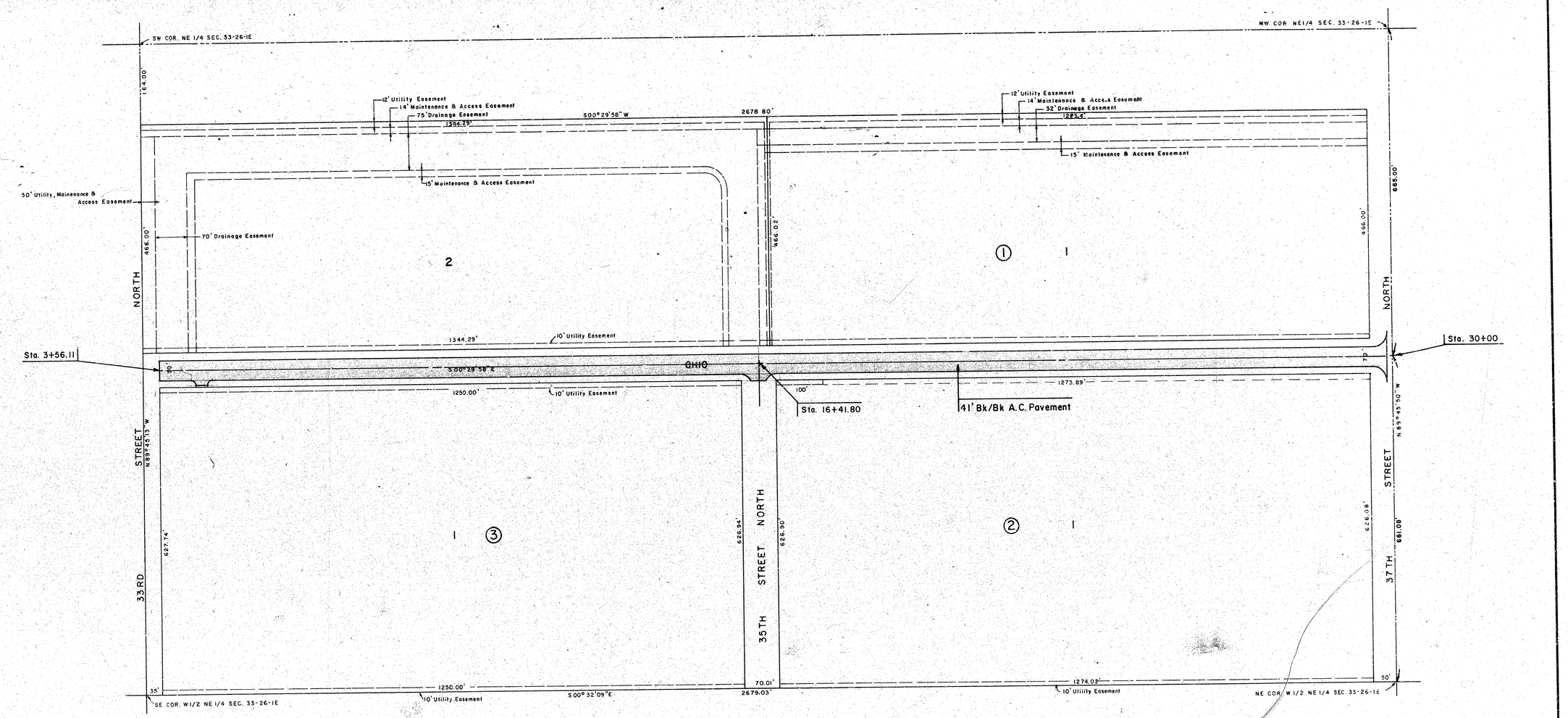
INDEX TO DRAWINGS

1. Title Sheet
2. Layout Map
3. Ohio Paving Sta. 3+00 to Sta. 8+00
4. Ohio Paving Sta. 8+00 to Sta. 13+00
5. Ohio Paving Sta. 13+00 to Sta. 18+00
6. Ohio Paving Sta. 18+00 to Sta. 23+00
7. Ohio Paving Sta. 23+00 to Sta. 28+00
8. Ohio Paving Sta. 28+00 to Sta. 30+00
9. City Standard 41' Asphaltic Concrete Pavement
10. Ohio Cross – Sections Sta. 3+60 to Sta. 9+00
11. Ohio Cross Sections Sta. 10+00 to Sta. 19+00
12. Ohio Cross – Sections Sta. 20+00 to Sta. 29+00

JAMES W. THOMPSON
LICENSED
6262
KANSAS
PROFESSIONAL ENGINEER

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Paving _____ Date _____

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS



GENERAL NOTES

1. Subase shall be either 6" Thick Lime or Cement treatment as directed by the FIELD ENGINEER.
2. Trees within the Street right-of-way shall not be damaged nor removed unless required for construction and then only as directed by the FIELD ENGINEER.
3. FIELD ENGINEER shall take ties to all irons, thimbles, and bench marks in the project area before construction begins. FIELD ENGINEER shall replace all such irons, thimbles, and bench marks disturbed during construction.
4. CONTRACTOR shall coordinate work with , Sanitary Sewer, Water Line and Storm Sewer contractors, contact relevant Utility Companies and other agencies involved with this project site development before construction begins.
5. CONTRACTOR shall avoid uncovering existing Water Lines unless absolutely necessary. Uncovering shall be done only in the presence of a "Water Dept. Engineer".
6. All salvageable culvert pipes within the street shall remain property of the owner and stored at locations determined by the FIELD ENGINEER.

JAMES W. THOMASON
LICENSED
6262
KANSAS
PROFESSIONAL ENGINEER

N

100 0 100 200
scale feet

POE & ASSOCIATES
CONSULTING ENGINEERS

CITY OF WICHITA
Dept. of Engineering
Layout Map

ENGINEER: T.J.T.	CHECKED BY: J.W.
DRAWN BY: W.F.	SCALE: N
DATE: Jan. 1980	SHEET 2 of 2

STATE		FISCAL YEAR	SHEET No.	TOTAL SHEETS

PLAN — SURVEYED, PLOTTED, QUANTITIES CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO. — BY — DATE

PROFILE — SURVEYED, PLOTTED, QUANTITIES CHECKED, R.W. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO. — BY — DATE

3+00 3+21 3+50 3+56.11 3+61 3+84 4+00 4+50 5+00 5+50 6+00 6+50 7+00 7+50 7+60 8+00

+0.4247%
+0.3' WK @ 35' Lt.

29.98 30.17 30.38 30.59 30.80 31.01 31.23 31.44 31.65 31.86
IRON
TC29.70 TC29.80 TC31.35
29.68 29.67 30.08 30.29 30.50 30.71 30.93 31.14 31.35 31.56
29.02 29.04 29.13 29.24 29.45 29.66 29.87 30.08 30.30 30.51 30.72 30.78 30.
Bk/Bk 41' R.W. 70'
129.62 129.84 130.05 130.26 Ohio 130.47 130.68 130.90 131.11 131.32 131.53
29.02 29.04 29.24 29.45 29.66 29.87 30.08 30.30 30.51 30.72 30.78 30.99
29.68 29.87 29.98 30.17 30.29 30.50 30.71 30.93 31.14 31.35 31.56
29.98 30.17 30.28 30.47 30.59 30.80 31.01 31.25 31.46 31.65 31.86
IRON
TC29.70 TC31.39

Sta. 3+56.11
BEGIN 10" A.C. Pavement.
BEGIN 2'-6" Combined Curb & Gutter.
See Sheets 2,9,10

Sta. 4+25.50
10'R Fc Cb

Sta. 4+69.50
10'R Fc Cb

12" VCP Sanitary Sewer

Relocate Power Poles By Others

12" VCP Sanitary Sewer

Relocate Power Pole By Others

33rd Street North

Asphalt Parking

4+47.50

Sta. 4+47.50 Rt.
Constr. Std. 24' Wide Conc. Drive.
Remove 95 SY AC Parking
55 LF Saw Joint

+0.4247%
+0.3' WK @ 35' Rt.

2" A.C. Surface & 8" Bit. Base
W/ 2'-6" Combined Cu-b & Gutter

BM #4 R.R. spike in power pole at Sta. 5+01-21'Rt. Elev. 130.93

TREE REMOVAL

N

20 0 20 40
scale feet

135
130

GRADE TO MATCH EXISTING ROADWAY
EXIST. GROUND
+0.4247%
℄ GRADE

8" Sanitary Sewer
E =121.61

3 4 5 6 7 8

ERNEST W. THOMPSON
LICENSED
6262
KANSAS
PROFESSIONAL ENGINEER

dp
POE & ASSOCIATES
CONSULTING ENGINEERS

CITY OF WICHITA
Dept. of Engineering
Ohio
Sta. 3+00 to Sta. 8+00

ENGINEER: T.J.T.	ENG.TECH: J.W.
DRAWN BY: J.W.	SCALE: N.T.S.
DATE: Jan. 1980	SHEET 3 of 9

STATE		FISCAL YEAR	SHEET NO.	TOTAL SHEETS

PLAN — SURVEYED ____ DATE; PLOTTED ____ BY; NOTE BOOK ____ ALIGNMENT CHK'D ____ ED; NO. ____ RT. OF WAY CHEC. ____ CO.

PROFILE — SURVEYED ____ PLOTTED ____ QUANTITIES CHECKED ____ (R.M.'s NOTED, STRUCTURE NOTATIONS CHKD) ____ DATE; BY; NOTE BOOK ____ NO. ____

8:00 | 8+50 | 9:00 | 9+50 | 10:00 | P.C. 10+50 | 10+75 | P.I. 11+00 100' V.C. ℄ EL. 132.81 | 11+25 | P.T. 11+50 | 12+00 | 12+50 | 13:00

+0.4247%
+0.3' WK @ 35' Lt.
-0.4%
+0.3' WK @ 35' Lt.

30℄ 31℄ 32℄ 31℄

31.86 32.08 Cult. field 32.29 32.50 32.71 32.93 33.01 33.04 33.01 32.94 32.74 32.54 32.34

31.56 31.78 31.99 32.20 32.41 32.63 32.71 32.74 32.71 32.58 32.44 32.24 32.04

30.93 31.15 31.36 31.57 31.78 32.00 32.08 32.11 32.08 32.01 31.81 31.61 31.41

41' Bk/Bk | 70' R/W | 15" Steel | 18" RCP | 18" RCP

131.53 30℄ 131.75 131.96 31℄ 132.17 132.38 32℄ Ohio 132.60 132.68 132.71 32℄ 132.68 132.61 132.41 32℄ 132.41 132.01 31℄

30.93 31.15 31.36 31.57 31.78 32.00 32.08 32.11 32.08 32.01 31.81 31.61 31.41

31.56 31.78 31.99 32.20 32.41 32.63 32.71 32.74 32.71 32.64 32.44 32.24 32.04

31.86 32.08 32.29 32.50 32.71 32.93 33.01 33.04 33.01 32.94 32.74 32.54 32.34

12" VCP Sanitary Sewer | MH | 12" VCP Sanitary Sewer

30℄ 31℄ 31℄ 32℄ 32℄

+0.4247%
+0.3' WK @ 35'Rt.
-0.4%
+0.3' WK @ 35' Rt.

Relocate Power Pole By others

2" A.C. Surface & 8" Bit. Base W/ 2'-6" Combined Curb & Gutter

Relocate Power Pole By Others

BM #4 R.R. spike in power pole Sta. 5+01-21' Rt. Elev. 130.93

BM #3 R.R. spike in power pole Sta. 16+65-26' Rt. Elev. 133.29

TREE REMOVAL

Z

20 0 20 40
scale feet

135
130

100' V.C.

+0.4247% | +0.4247% | -0.4% | -0.4% | ℄ GRADE

EXIST. GROUND

8 9 10 11 12 13

JAMES M. THOMPSON LICENSED 6262 KANSAS PROFESSIONAL ENGINEER

dp
POE & ASSOCIATES
CONSULTING ENGINEERS

CITY OF WICHITA
Dept. of Engineering
Ohio
Sta. 8+00 to Sta. 13+00

ENGINEER: T.J.T.	ENGTECH: J.W.
DRAWN BY: J.W.	SCALE: NONE
DATE: Jan. 1980	SHEET 4 4/9

STATE		FISCAL YEAR	SHEET No	TOTAL SHEETS

PLAN
SURVEYED
PLOTTED
DRAWN CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
BY
DATE
B.M.'s NOTED
STRUCTURE NOTATING CHKD

13+00 13+50 14+00 14+50 P.C. 14+75 15+00 15+20 P.T. 15+25 15+30 15+50 P.T. 15+75 16+00 16+13.59 16+41.80 16+66.09 17+00 17+30 17+50 18+00

-0.4%
+0.3' WK @ 35' Lt.

+0.4%
+0.3' WK @ 35' Lt.

Ohio

41' Bk/Bk
70' R/W

Relocate Power Pole By Others

8" TC 31.24
8" TC 31.25
8" RCP
18" RCP, Steel
18" RCP, RCP
TC 31.95
TC 31.96
TC 31.24

12" VCP Sanitary Sewer

Sta. 15+96.30-60.5' Rt.
30' R Fc. Cb.

Sta. 16+86.30-60.5' Rt.
30' R Fc. Cb.

IRON 31.63
IRON 32.09
BM 3 Pipe 31.70

-0.4%
+0.3' WK @ 35' Rt.

+0.4%
+0.3' WK @ 35' Rt.

+0.4%
+0.3' WK @ 35' Rt.

35th STREET

2" A.C. Surface & 8" Bit. Base
W/ 2'-6" Combined Curb & Gutter

Sta. 15+01.80
Constr. Conc. Valley Gutter (6" Conc.-3" Asph. Conc.)
for 41' Bk/Bk Street.
See Sheet 8

+06.80

+76.80

BM #3 R.R. spike in power pole
Sta. 16+65- 26' Rt. Elev. 133.29

N

20 0 20 40
scale feet

PI Sta. 16+25
Elev. 131.11

100' V.C.

EXIST. GROUND

-0.4%

-0.4%

+0.4%

+0.4%

℄ GRADE

8" Sanitary Sewer
E = 123.61

13 14 15 16 17 18

135
130

JAMES R. THOMPSON
LICENSED
6262
KANSAS
PROFESSIONAL ENGINEER

dp
POE & ASSOCIATES
CONSULTING ENGINEERS

CITY OF WICHITA
Dept. of Engineering
Ohio
Sta. 13+00 to Sta. 18+00

ENGINEER: T.J.T.	ENG TECH: J.W.
DRAWN BY: J.W.	SCALE: NO. 2
DATE: Jan. 1980	SHEET 5 5/9 2

STATE			FISCAL YEAR	SHEET No.	TOTAL SHEETS

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
ALL R/W MONUMENTED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R/W NOTED
ENROACHMENT NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

18+00 18+50 19+00 19+50 20+00 20+50 21+00 21+05 21+50 22+00 22+50 23+00

+0.4%
+0.3' WK @ 35' Lt.
+0.4%
+0.3' WK @ 35' Rt.

Cult Field
Cult Field
Cult Field

15" RCP
18" RCP

10" VCP Sanitary Sewer
10" VCP Sanitary Sewer

TC 33.46
TC 33.46

2" A.C. Surface & 8" Bit. Base
W/2'-6" Combined Curb & Gutter

BM #3 R.R. spike in power pole
Sta. 16+65-26' Rt. Elev. 135.29

TREE REMOVAL

N

20 0 20 40
scale feet

135
130

EXIST GROUND
+0.4%
℄ GRADE

18 19 20 21 22 23

JAMES W. THOMPSON
LICENSED
6252
KANSAS
PROFESSIONAL ENGINEER

dp
POE & ASSOCIATES
CONSULTING ENGINEERS

CITY OF WICHITA
Dept. of Engineering
Ohio
Sta. 18+00 to Sta. 23+00

ENGINEER: T.J.T.	ENG.TECH: J.W.
DRAWN BY: J.W.	SCALE: NOTED
DATE: Jan. 1980	SHEET 6 of 9

STATE		FISCAL YEAR	SHEET No.	TOTAL SHEETS

PLAN — SURVEYED; PLOTTED; ALIGNMENT CHECKED; PT. OF WAY CHECKED; NOTE BOOK NO.; BY; DATE

PROFILE — SURVEYED; PLOTTED; GRADES CHECKED; R.M.'s NOTED; STRUCTURE LOCATIONS CHKD; BY; DATE

23+00 | 23+50 | 24+00 | 24+50 | 24+80 | 25+00 | 25+50 | 26+00 | P.C. 26+50 | 26+75 | P.I. 27+00 ℄ 100' V.C. ℄ EL 135.81 | 27+25 | P.T. 27+50 | 28+00

+0.4% +0.3' WK @ 35' Lt. | -0.4% +0.3' WK @ 35' Lt.

+0.4% +0.3' WK @ 35' Rt. | -0.4% +0.3' WK @ 35' Rt.

Ohio

41' B.-B. / 70' R.W.

12" RCP & CMP | 12" RCP | 12" RCP | 12" RCP & Steel | 12" CMP

10" VCP Sanitary Sewer | MH | 10" Sanitary Sewer

TC 34.98

2" A.C. Surface & 8" Bit. Base W/2'-6" Combined Curb & Gutter

Curb Fwd

TREE REMOVAL

N

20 0 20 40 scale feet

BM #3 R.R. spike in power pole Sta. 16+65.26' Pt. Elev. 133.29

BM #2 R.R. spike in south side power pole Sta. 29+73.67' Rt. Elev. 136.25

100' V.C. | +0.4% | -0.4% | ℄ GRADE | EXIST. GROUND

135 | 130

23 | 24 | 25 | 26 | 27

JAMES A. THOMPSON LICENSED 6262 KANSAS PROFESSIONAL ENGINEER

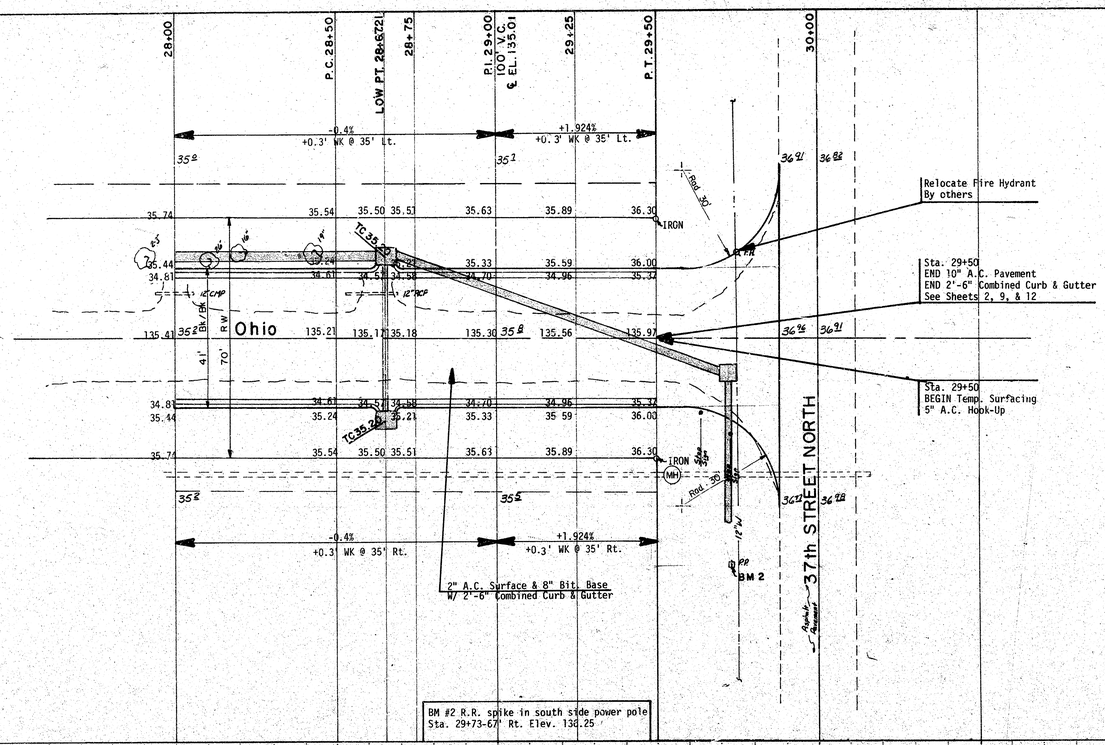
28

dp POE & ASSOCIATES CONSULTING ENGINEERS

CITY OF WICHITA
Dept. of Engineering
Ohio
Sta. 23+00 to Sta. 28+00

ENGINEER: T.J.T.	ENG TECH: J.W.
DRAWN BY: J.W.	SCALE: NOTED
DATE: Jan. 1980	SHEET 7 7/9

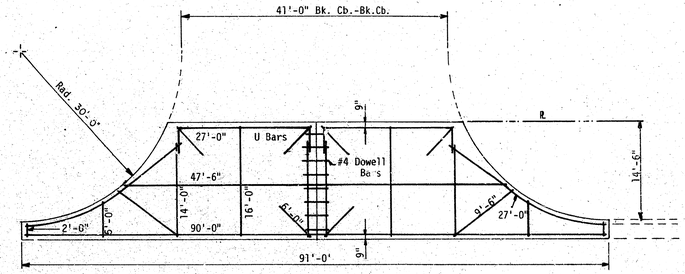
STATE		FISCAL YEAR	SHEET NO	TOTAL SHEETS



BM #2 R.R. spike in south side power pole
Sta. 29+73-67' Rt. Elev. 130.25

NO. 6 ∅ BARS			
2	27'-0"	⌐	Bars
6	6'-0"	—	"
1	47'-6"	—	"
1	90'-0"	—	"
2	2'-0"	—	"
2	5'-0"	—	"
2	9'-6"	—	"
2	27'-0"	⌐	"
4	14'-0"	—	"
2	16'-0"	—	Bars
402.5 Lin. Ft.			

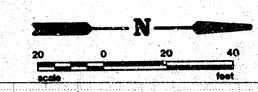
* All No. 6 Bars-Except Dowell Steel



STEEL PATTERN

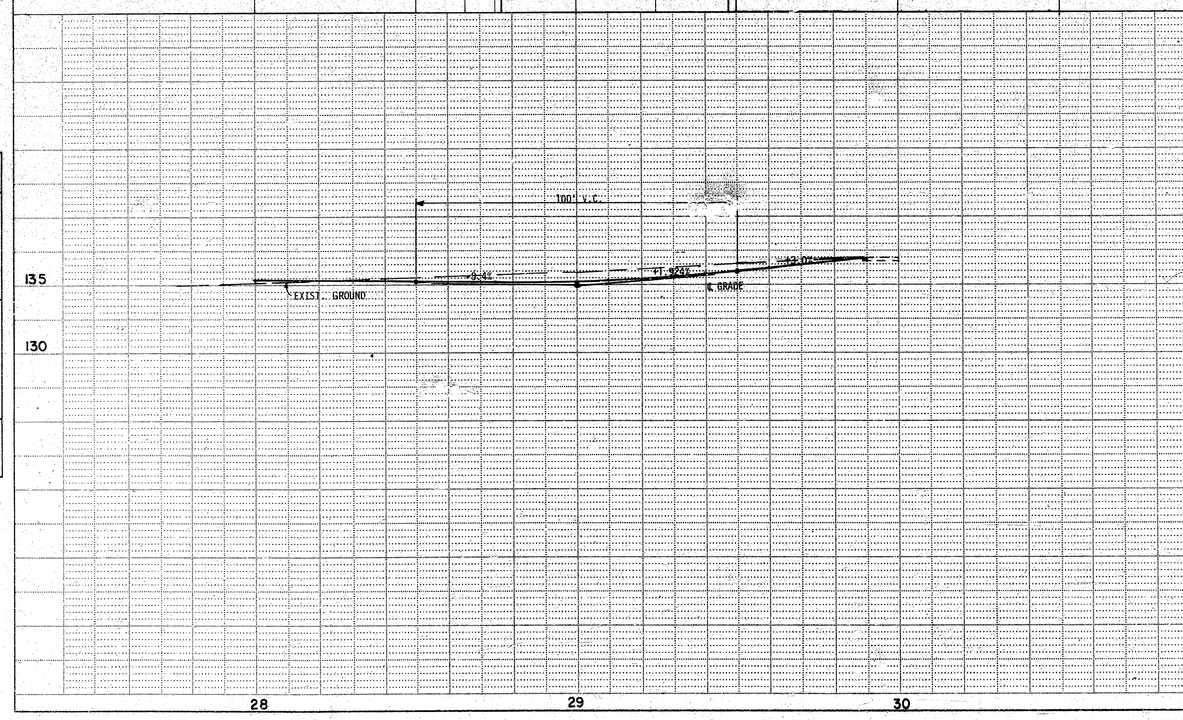
CONCRETE VALLEY GUTTER

for 41' Pavement



PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

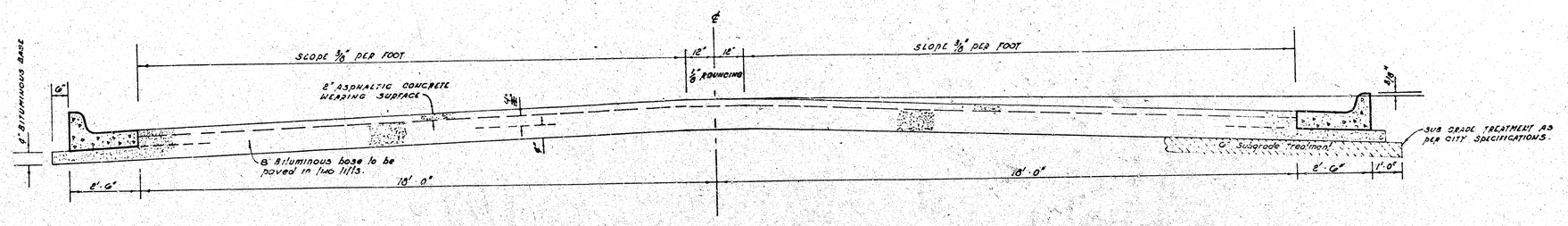


JAMES M. THOMPSON
LICENSED
6262
KANSAS
PROFESSIONAL ENGINEER

POE & ASSOCIATES
CONSULTING ENGINEERS

CITY OF WICHITA
Dept. of Engineering
Ohio
Sta. 28+00 to Sta. 30+00

ENGINEER: T. J. T	ENG. TECH: J. W.
DRAWN BY: J. W.	SCALE: NOTED
DATE: Jan. 1980	SHEET 8 of 9



TYPICAL SECTION

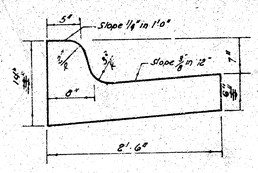
41' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

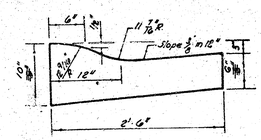
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC [redacted] CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

The A.C. pavement between the comb curb & gutter shall be paid as 30 yds 10" A.C. pavement (8" Bituminous Base). The Bituminous Base under the comb curb & gutter shall be paid as 30 yds 9" Bituminous Base.

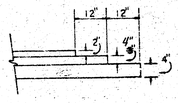
COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

JAMES W. THOMPSON LICENSED 6262 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA, KANSAS

DEPARTMENT OF ENGINEERING

R.W. BRUGGEMAN CITY ENGINEER

DATE Jan. 1980 Proj No.