SECOND STREET

E.L. MINNESOTA AVENUE TO W.L. GROVE STREET.

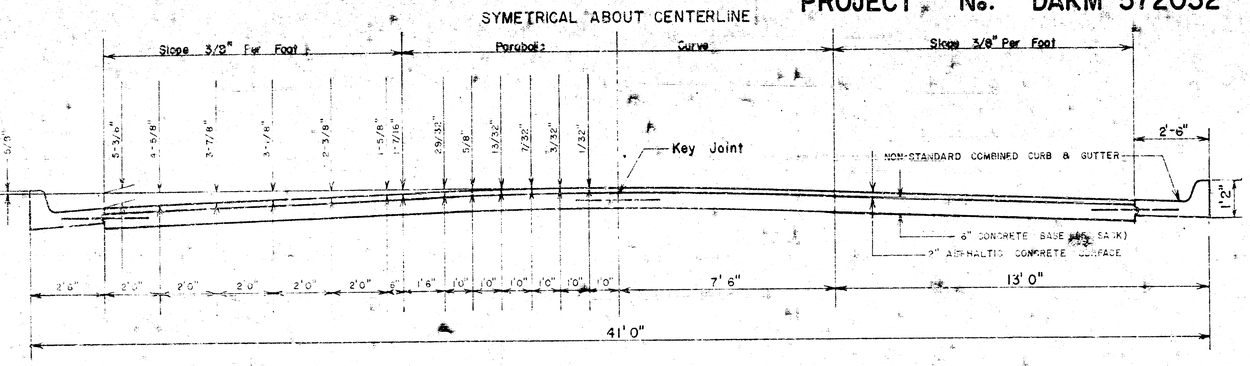
NOTE: SIDEWALK REMOVAL AND RECONSTRUCTION SHALL BE AS DETERMINED BY THE FIELD ENGINEER.

CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

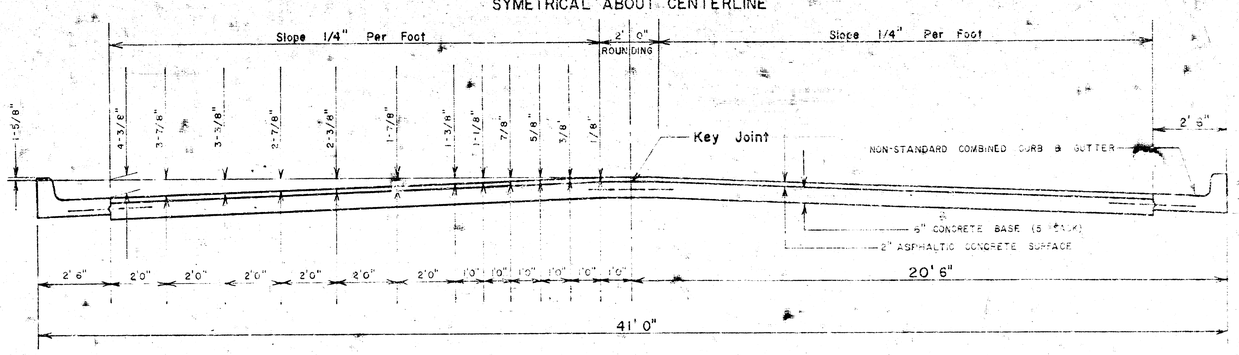
PROJECT No. DAKM 572052

SYMETRICAL ABOUT CENTERLINE



TYPICAL SECTION WITH STANDARD CROWN

SYMETRICAL ABOUT CENTERLINE



TYPICAL SECTION WITH ALTERNATE CROWN

STEEL PATTERN

STEEL PATTERN

DONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

LARRY W. LAURSEN LICENSED 6363 KANSAS PROFESSIONAL ENGINEER

TYPICAL SECTIONS of 40' ASPHALTIC CONCRETE PAVEMENT

B.M.# 91 - 1.35.4 plan. chiseled 'X' C. end of S.E. Wingwall on bridge over cona' at 2nd ST. Elev: 1300.15 sea level = 113.09 city datum.

B.M.# 1991 Standard S.W. Cor bow, ms and Grove.
B.M.# 1993 Mill Cor cast, arch Hdl 2118 E. 1st St.
B.M.# 1996 N.W. Cor first conc. step No# 2009 E. 2nd St.
B.M.# 1994 S.W. Cor first conc. step House N.E. 2nd and Ash.

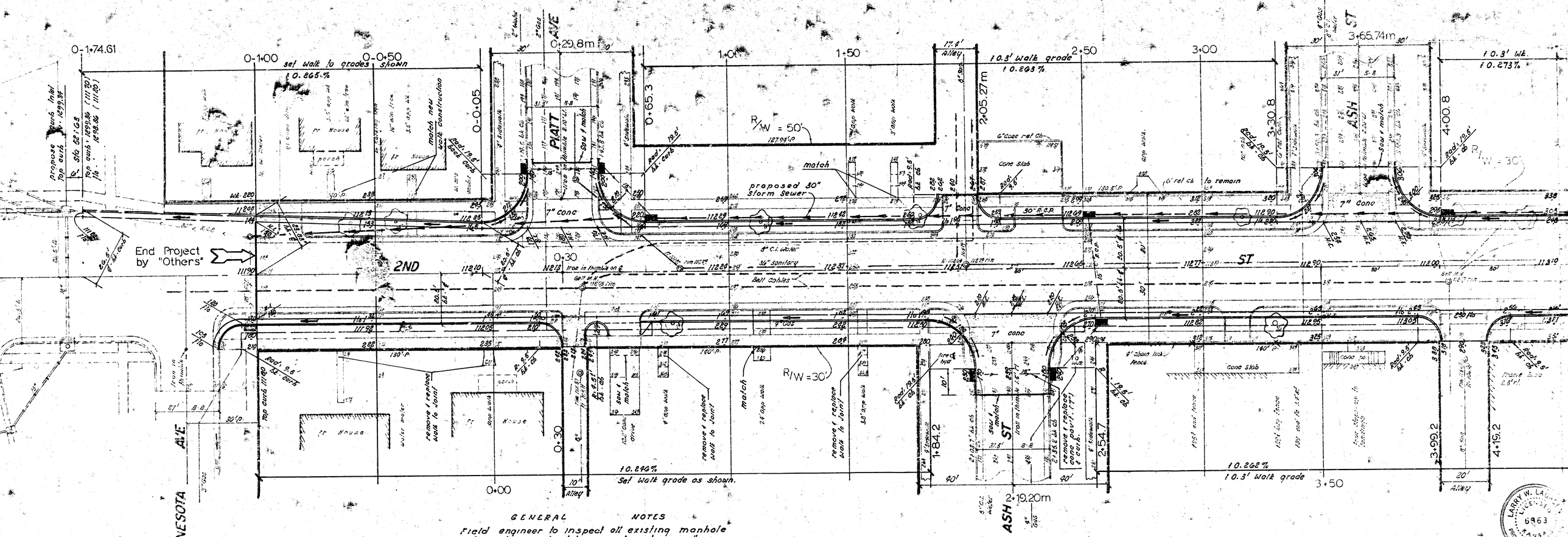
Base line: 28.0' N and S. Center line.

N
scale 1"=20'

"THIMBLES"
FIELD ENGINEER to take ties to all thimbles destroyed by new construction, re-place iron and install thimble in new pavt.

NOTE: The exact limits of removal at side streets shall be determined by the engineer, consistent with existing joint locations.

"SIDEWALK"
Sidewalks are to be constructed as necessary, both sides, entire length project. Existing walks are to remain in place during street construction. Any existing walk that is to be matched will be determined by the field engineer.



"ACCESS"
This project is to be co-ordinated with the paving and drainage projects on FIRST STREET from Ash to Grove in such a manner that vehicular access will be provided at all times to the portions of Ash ST, MADISON AVE, and SPRUCE ST, lying between FIRST STREET and SECOND STREET.

GENERAL NOTES
Field engineer to inspect all existing manhole lids and rings to determine if replacement is needed. New lids and rings to be furnished by the city of WICHITA maintenance department, if available.

All salvaged material shall be disposed of as directed by the engineer. Broken concrete and other non-combustible debris shall be disposed of at a time and dump site that is acceptable to the superintendent of public works maintenance, city of Wichita.

SIDEWALK TO BE REMOVED AS DESIGNATED BY THE FIELD ENGINEER.

NOTE: Any new drive locations shown on plans are tentative and must be approved by property owners. All ALLEY entrances are to be paved with 7" concrete pavement.

"LEGEND"
■ denotes Inlet location.

EARTH WORK
EXCAVATION
~~745.6 cu yds~~ 722.3 CY
1.0% 74.6 " "
820.2 cu yds

8,000 Sq Yards LIME or CEMENT treated Sub-grade.

NOTE: Excavation from storm sewer project will remain on site to be used as fill for paving project. Excess material to be removed by paving Contractor.
FIELD ENGINEER TO RE-cross section entire project, after pavement is removed.

2/7

LARRY W. LAUCK LICENSED 6963 KANSAS PROFESSIONAL ENGINEER

SECOND STREET
MINNESOTA to W.L. GR...
CITY OF WICHITA, KANSAS
36'-2'-40' Asphaltic Concrete
R.W. LINN — CITY ENGINEER
DATE DEC. 1972 Proj. No. DAKM-57[illegible]

B.M.= 1130 S.W. cor 1st conc Step House # 2002 East END STREET.
B.M.= 1146 N.E. cor 1st conc Step House # 657 North SPRUCE

N

remove existing pav't and replace with 7" conc pav't & curb.

5+00 5+50 6+00 6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50

10.3' walk grade f 0.27% | 10.3' walk grade f 0.621% | 1.5' walk f 0.65% | f 0.2627% | f 0.3' Wk | f 0.666% | Set walk grade shown

6+56.82 | 6+91.65m | 7+27.15 | 7+79.15m | 7+99.15m | 8+55.64m | 8+68.49m | 9+22.53 | 9+92.5 | 10+52.5 | 5+59.5 rad | 6+39.6 rad | 9+39.6 rad | 10+19.3 rad | 5+99.20m | 9+79.05m

Rolls ADDN E. 63' lot 12

MADISON AVE — from 1st Temple S. to 2nd — 60' R/W — 7" conc — Saw & match — 40' sidewalks — 6" curb & gutter — 2' Grass Walk — 3' light pole — 6' Grass Strip — 3.3' — 5' Sidewalk — 10' alley — 4" conc — 16' alley — 20' alley — 8" conc — 12' alley — 24' alley — 6" conc — 18' alley — 10" conc — 22' alley — 12" conc — 8" conc — 14' alley — 16" conc — end fence — 6' Conc. drive — 5' Sidewalk — 6' Conc. drive — 6' Conc. Walk — 5' Sidewalk — 6' Conc. drive — 5' Sidewalk — 6' Conc. drive — 5' Sidewalk — 6' Conc. drive

S.W. 11-19-9 N.E. Cor 1st conc Stea House S.W. Corner 2-4-9 and GROVE
S.W. 12-19-5 N.E. # 1599 East 2ND STREET.

11+00 11+50 12+00 12+50 13+00 13+53.99m 14+00 14+50 15+00 15+50 16+00 16+90.23m

10.9' Alley

10.3' walk grade
10.658%

11+77.86m

proposed 30" Storm Sewer

R/W = 30'

2ND

7" conc

GROVE

ST

NOTE: EAST-WEST VALLEY GUTTERS TO BE ELIMINATED
existing valley gutters - both sides are to be over-layed with asphalt sufficient in thickness to match new intersection construction.

existing appx

pavement

8" C.I. Water

9" GOS

5' Sidewalk

POPLAR AVE

remove & replace drive & conc.

5" ret cb's to remain

remove & replace curb & gutter only: both sides of drive flows to new inlets.

match existing curb & gutter as far as it remains. Remove & replace curb & gutter.

11+59.2m

10.682%
10.3' walk grade

20' Alley

13+18.1 rad

13+53.99

34.75'

30'

Proj No. DAYM 572052

4/7

B.M. "A" 1.35 w. rivets in Chiseled "X" E. end of S.E. bluestem on bridge over canal at 2nd St. El. 1300.00 Sea level.
City Datum 11909
B.M. "B" 13.00 N.W. corner first conc. step Ht. + 2009 E. West St.
B.M. "C" 116.3 S.W. corner " " House N.E. of 1st Ash.

N

Ramp "E"

sta 531+35 R.C. Manhole (115.61') Install 30" stub out R.C.P. "by others"

sta 531+57 proposed curb inlet Type "B" (20.5' Lf.). Install 30" x 78' R.C.P. "by others"

proposed curb alignment.

R of W = 30'

140'P

sta 0+00

Const 2'x5' BRICK INLET Top curb 11209

R of W = 50'

127.94'P

PIATT

sta 1+66 Const comb Inlet Manhole see detail (sheet 3)

sta 3+81.7 Const comb Inlet Manhole.

existing STREET

Proposed I-35 W Storm sewer and alignment.

2ND

Equation 531+61 = sta 0+00

sta 531+35 proposed curb inlet - Type "B" (20.5' Lf.). "by others". Top curb 11180 Sea level 1299.94

MINNESOTA AVE

ASH

USE EXTREME CAUTION WHEN EXCAVATING OVER 36" SANITARY

Road "A"

NOTE: DRAINAGE CONTRACTOR shall excavate under ground utility crossings prior to laying any pipe for leads to inlets. FIELD ENGINEER to adjust leads to clear utilities if possible.

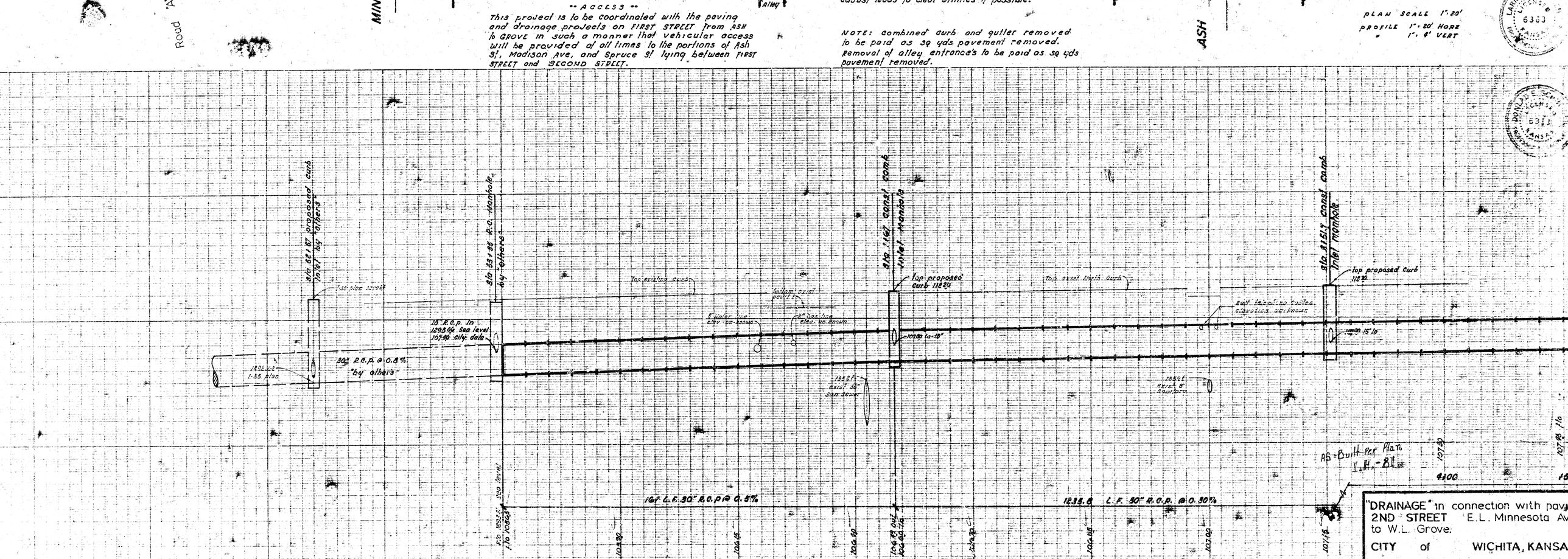
NOTE: combined curb and gutter removed to be paid as 39 yds pavement removed. Removal of alley entrance's to be paid as 39 yds pavement removed.

** ACCESS **
This project is to be coordinated with the paving and drainage projects on FIRST STREET from ASH to GROVE in such a manner that vehicular access will be provided at all times to the portions of Ash St., Madison Ave, and Spruce St. lying between FIRST STREET and SECOND STREET.

** EXCAVATION **
Excavation from storm sewer project to remain on site, to be used as fill for paving project. Excess material to be removed by paving contractor.

PLAN SCALE 1" = 20'
PROFILE 1" = 20' HORZ
" 1" = 8' VERT

LARRY W. LAU LICENSED 6363 KANSAS



"DRAINAGE" in connection with pav
2ND STREET E.L. Minnesota Av
to W.L. Grove.

CITY of WICHITA, KANSA

P.I. 115.45 S.W. corner first concrete step house # 2222 East 2ND STREET
P.I. 116.68 N.E. corner first concrete step house # 257 N. SPRUCE

ASH ST.

MADISON AVE

SPRUCE ST.

2ND STREET

Sta 5+02.5 const comb Inlet Manhole. top proposed curb 113.10

Sta 7+68.9 const comb Inlet Manhole. top proposed curb 113.65

Sta 8+28.9 const comb Inlet Manhole top proposed curb 113.75

Sta 7+91.3 const 2'x5' Brick Inlet top prop curb 113.90

Const 2'x5' Brick Inlet top curb 113.90

R of W = 30'

proposed curb alignment

30" R.C.P.

5° 55'

29°

Sta 5+02.5 const comb Inlet Manhole

top proposed curb 113.10

Sta 7+68.9 const comb Inlet Manhole

top proposed curb 113.65

Sta 8+28.9 const comb Inlet Manhole

top proposed curb 113.75

top exist north curb

bottom exist curb

Bell Cable elev. unknown

Bell Cable elev. as known

15" In 108.70

8" water elev. unknown

8" water elev. as known

4" gas elev. as known

10 feet top exist 8" sanitary

30" R.C.P. @ 0.3%

110 out 110 in

B.M. = 1190' N.E. Corner first conc Step House at S.W. corner 3rd and GROVE.
B.M. = 1215 N.E. — 1454 East 2nd STREET.

N

COMBINED INLET MANHOLES		
height 9'-3"	width 9'-6"	length 5'-9"

Floor elevation of comb inlet manholes to be 0.30' below flow out (30" R.C.P.)

Sta 11+ [illegible] const comb inlet Manhole. top proposed curb 1154.0

Sta 14+[illegible] const 2'x5' brick inlet top curb 1175.5

Sta 14+90.7 const 2'x5' brick inlet top curb 1179.0

Sta 10+81 const 2'x5' Brick Inlet. Top proposed curb 1152.0

proposed curb alignment.

proposed curb alignment

R of W = 30'

2ND STREET

SPRUCE STREET

GROVE STREET

Saw-cut & replace with 5'-5 Sack A.C. pavt

15" out 1106.0

18" in 1101.0

18" in 1113.0

15" out 1116.0

15" out 1116.0

18" in 1113.0

Iron in Manhole on S.

Bell M.H. rim 1116.0 Invert floor

Rim 1114.5 Inv. 1101.4

Rim 1117.5 Inv. 1101.8

Rim 1117.5 Inv. 1101.8

Bell M.H. rim 1116.2 Invert floor

Rim 1117.5 Inv. 1101.8

Iron in Manhole on S.