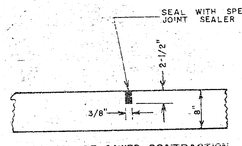
MAIN STREET

NOTE: ONLY SET OF PLANS IN EXISTENCE!

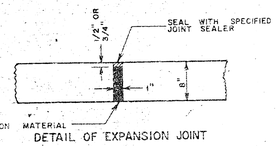
S.L. ELM STREET TO 375' N. N.L. 12TH STREET
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
887-76-245-5001010-000-0000
ULKB501100

SAWED CONTRACTION JOINTS ARE TO BE CONSTRUCTED AT 30' 0" INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED.

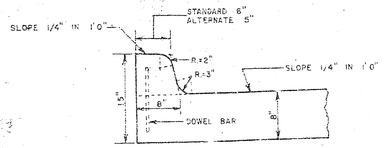


DETAIL OF SAWED CONTRACTION AND LONGITUDINAL JOINTS

EXPANSION JOINTS ARE TO BE CONSTRUCTED AT MAXIMUM INTERVALS OF 120' 0".

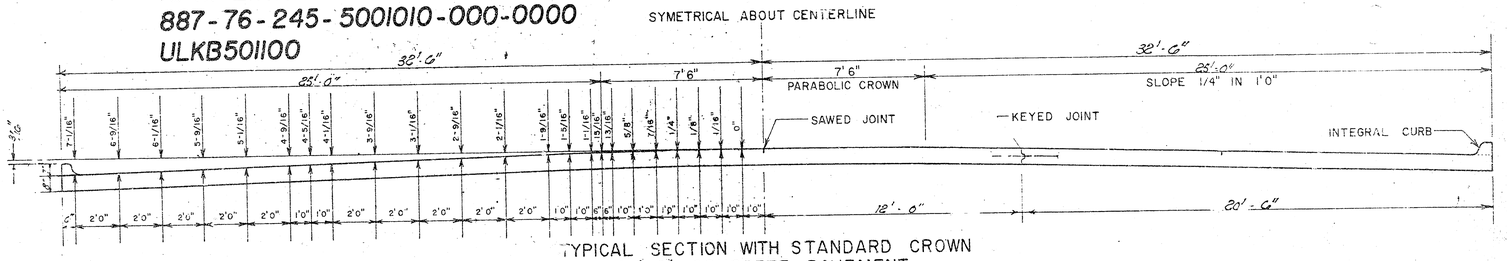


DETAIL OF EXPANSION JOINT

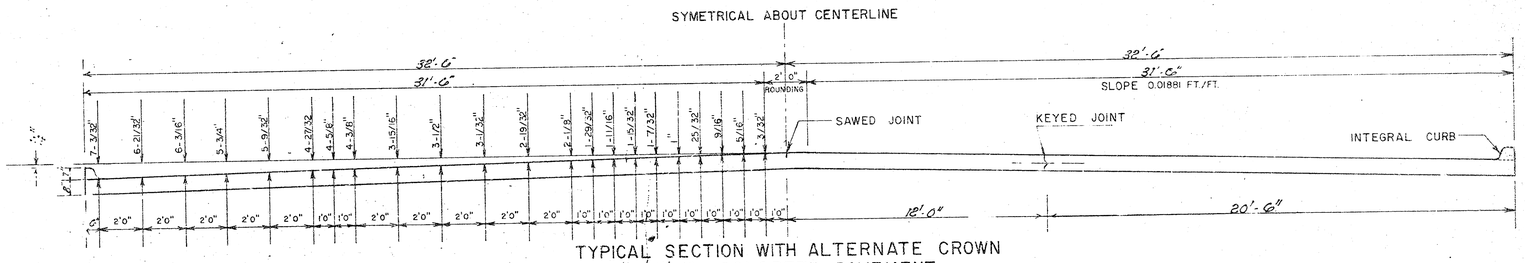


DETAIL OF INTEGRAL CURB

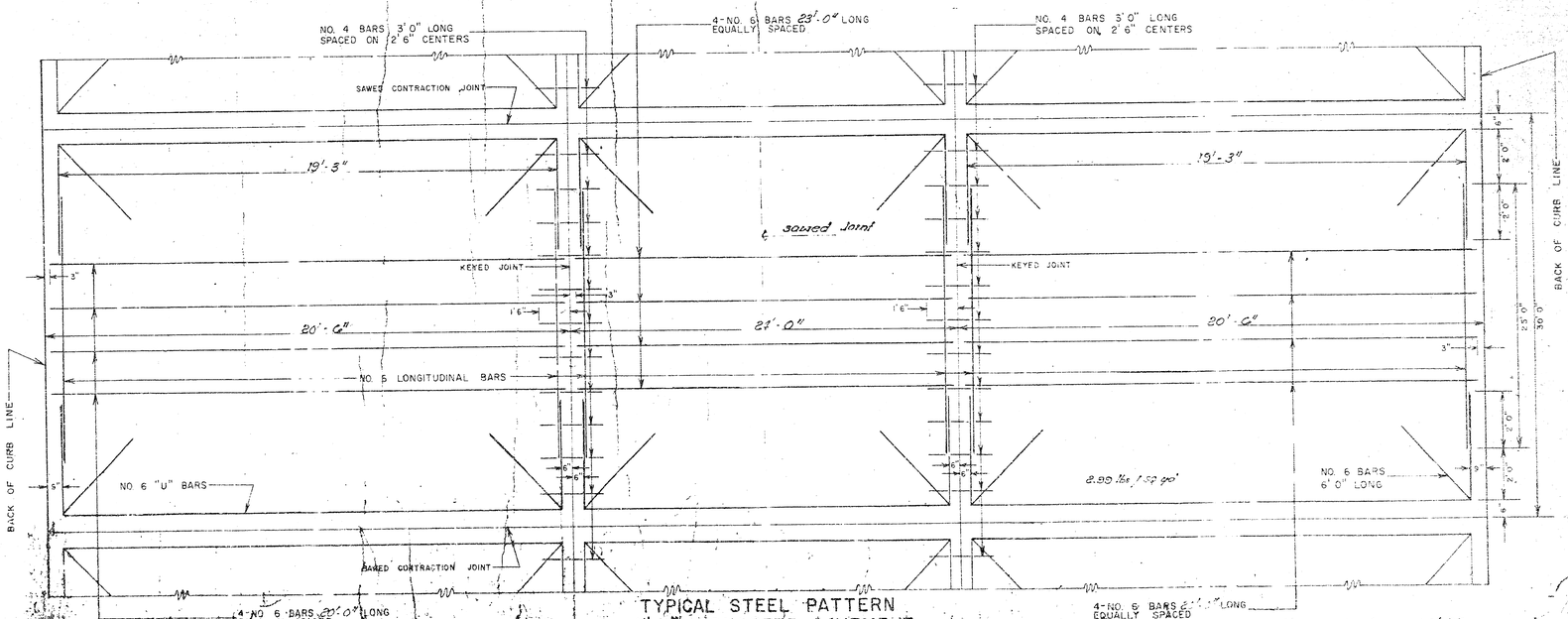
INTEGRAL CURB SHALL BE CUT THROUGH TO THE PAVEMENT IN UNIFORM LENGTHS OF NOT MORE THAN TEN FOOT INTERVALS BETWEEN EXPANSION JOINTS. EXPANSION JOINTS HAVING THE SAME THICKNESS AS THE EXPANSION JOINTS IN THE PAVEMENT SHALL BE CONSTRUCTED IN THE INTEGRAL CURB AT THE SPECIFIED LOCATIONS. NUMBER 4 OR NUMBER 6 DOWELS SHALL BE INSTALLED IN THE INTEGRAL CURB AS SHOWN ON APPROXIMATELY 2' 6" CENTERS.
PAVEMENT GRADES SHOWN ON PLANS ARE FOR STANDARD CROWN.



TYPICAL SECTION WITH STANDARD CROWN
64'-0" CONCRETE PAVEMENT



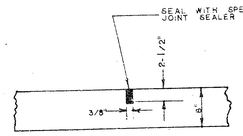
TYPICAL SECTION WITH ALTERNATE CROWN
64'-0" CONCRETE PAVEMENT



TYPICAL STEEL PATTERN
64' 0" CONCRETE PAVEMENT

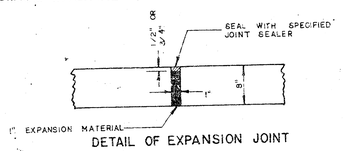
CITY OF WICHITA, KANSAS
R.W. LINN, CITY ENGINEER

SAWED CONTRACTION JOINTS ARE TO BE CONSTRUCTED AT 30' 0" INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED.

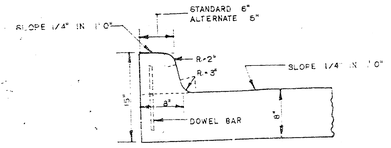


DETAIL OF SAWED CONTRACTION AND LONGITUDINAL JOINTS

EXPANSION JOINTS ARE TO BE CONSTRUCTED AT MAXIMUM INTERVALS OF 120' 0".



DETAIL OF EXPANSION JOINT

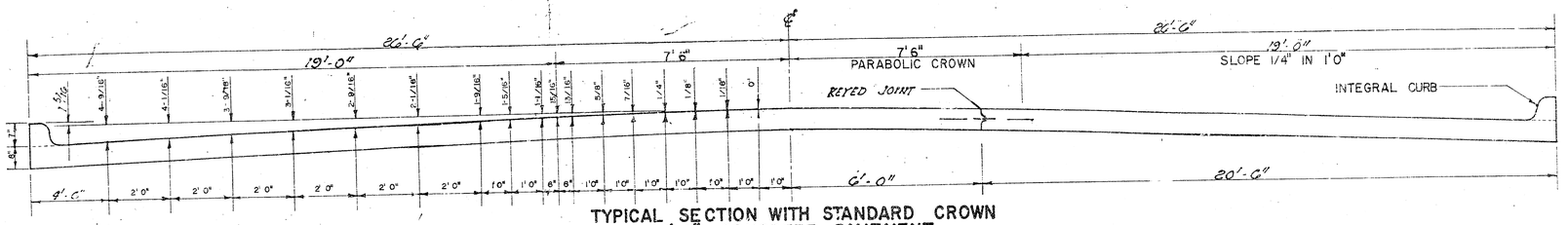


DETAIL OF INTEGRAL CURB

INTEGRAL CURB SHALL BE CUT THROUGH TO THE PAVEMENT IN UNIFORM LENGTHS OF NOT MORE THAN TEN FOOT INTERVALS BETWEEN EXPANSION JOINTS. EXPANSION JOINTS HAVING THE SAME THICKNESS AS THE EXPANSION JOINTS IN THE PAVEMENT SHALL BE CONSTRUCTED IN THE INTEGRAL CURB AT THE SPECIFIED LOCATIONS. NUMBER 4 OR NUMBER 6 DOWELS SHALL BE INSTALLED IN THE INTEGRAL CURB AS SHOWN ON APPROXIMATELY 2'6" CENTERS.

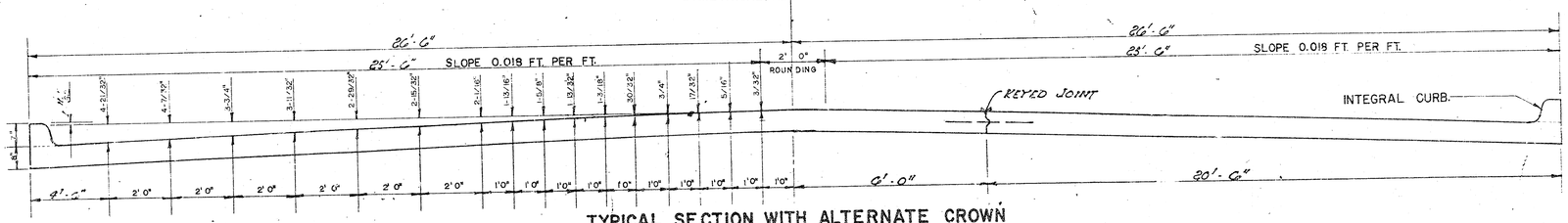
PAVEMENT GRADES SHOWN ON PLANS ARE FOR STANDARD CROWN.

SYMETRICAL ABOUT CENTERLINE

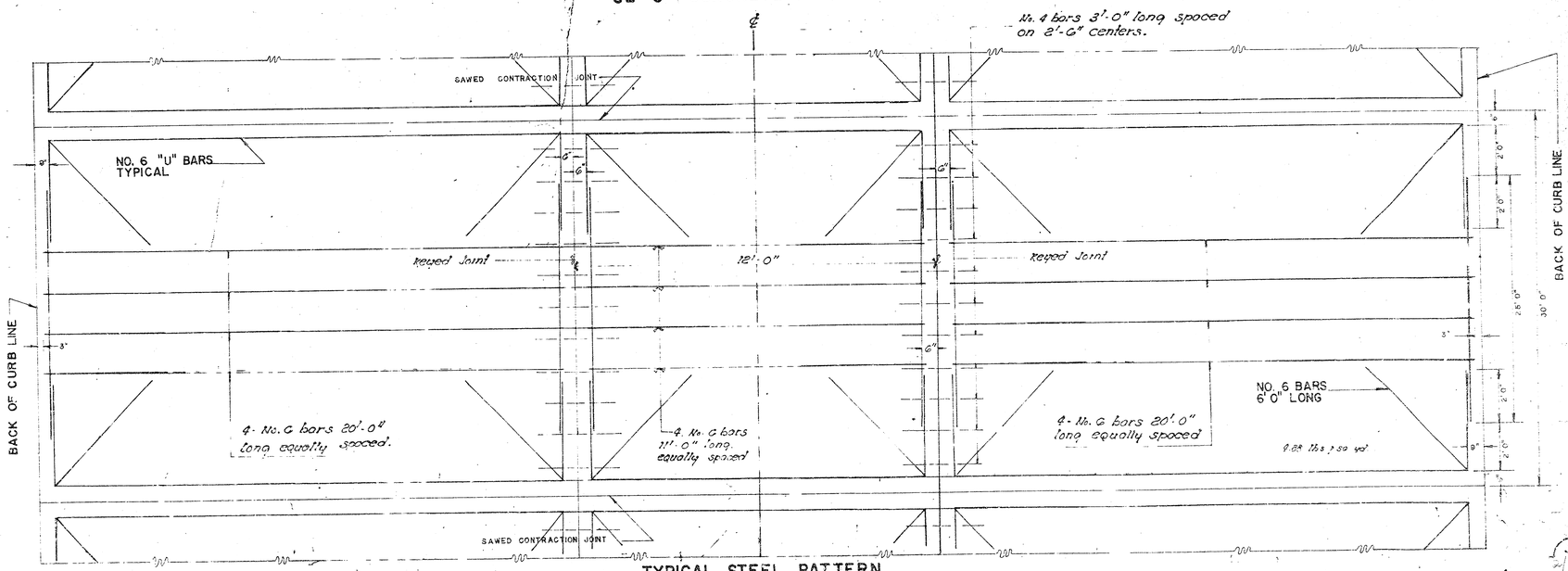


TYPICAL SECTION WITH STANDARD CROWN
52' 0" CONCRETE PAVEMENT

SYMETRICAL ABOUT CENTERLINE



TYPICAL SECTION WITH ALTERNATE CROWN
52' 0" CONCRETE PAVEMENT

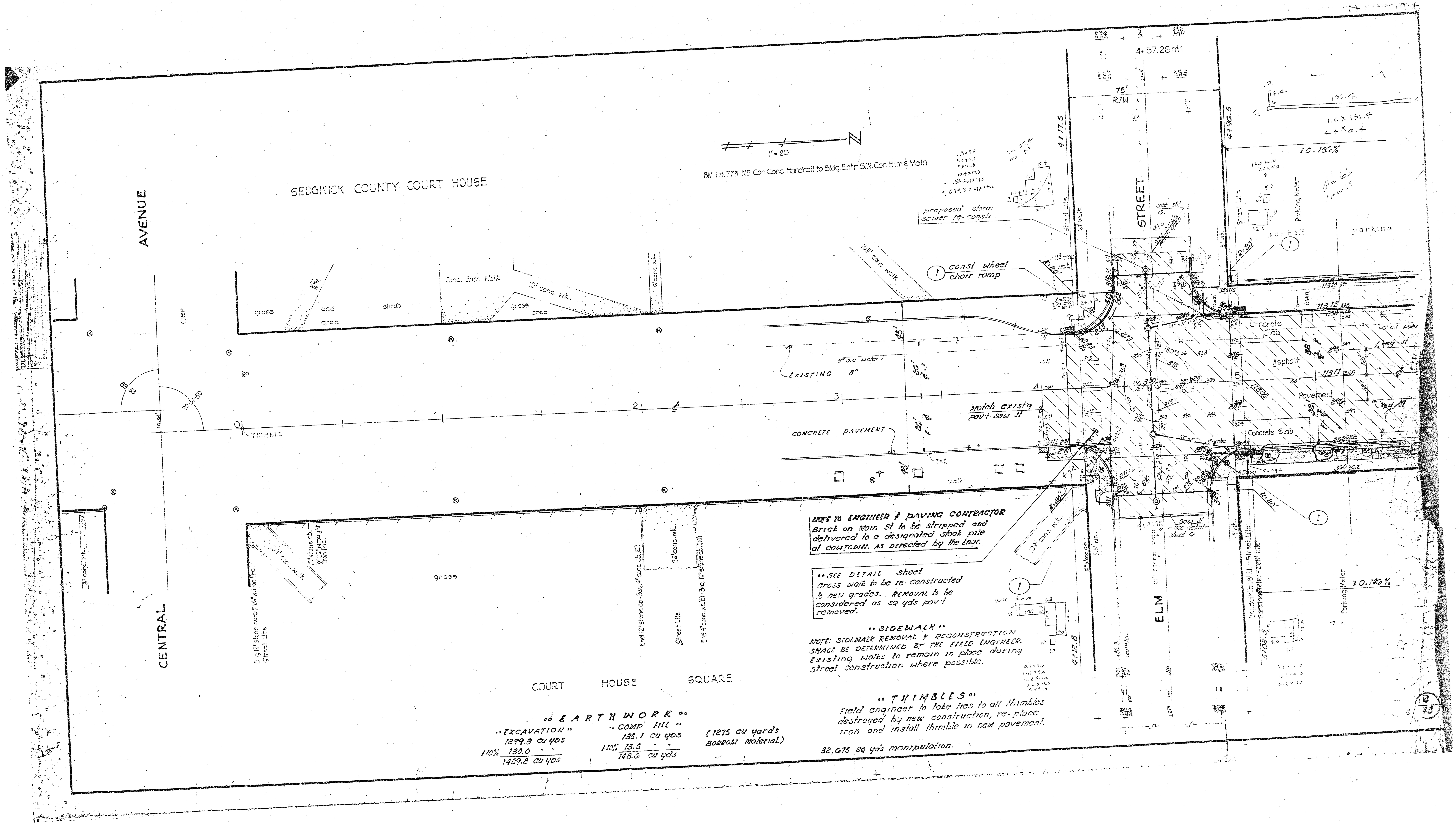


TYPICAL STEEL PATTERN
52' 0" CONCRETE PAVEMENT

MAIN STREET 9TH TO 375' N.M.C. 12TH 52'F-F

3

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B.M. 113.98 "D" on Walk N.E. Cor Bldg. S.W. Cor PINE & MAIN
B.M. 114.625 R.R. Spike S.W. Side K.S.E. ST Lite pole N.E. MURDOCK & MAIN

9+52.46m

STREET

MAIN

PINE

STREET

10.156%

10.146%

10.205%

10.204%

const side street hook up see detail sheet C.

note: rem existg walk to first joint & replace to match new curb.

const wheel chair ramps

construct side street hook-up see detail sheet C.

FILMED FROM THE BEST AVAILABLE COPY

B.M.: 114.625 R.R. Spike S.W. side K.G.E. STREET LITE POLE N.E. cor MURDOCK & MAIN.
B.M.: 115.76 N.E. Corner Conc & brick slab FIREMANS MEMORIAL.

NOTE: TRAFFIC TO BE CARRIED THRU MURDOCK AVE AT ALL TIMES.

+0.205 %

FIRE STATION

MAIN

STREET

MURDOCK AVENUE

Building

Parking Meter | Parking Meter | St. Lite | Tree Block-out | Parking Meter | Parking Meter

St. Lite | East Building | Traffic Signal - 2 phase | 33' Highway Mine Traffic Signal - 3 phase

1 Indicates wheel chair ramp construction preference.

NOTE: All trees on this project are to remain in place where possible.

EIM STREET CROSSWALK

key | contraction | key | contraction

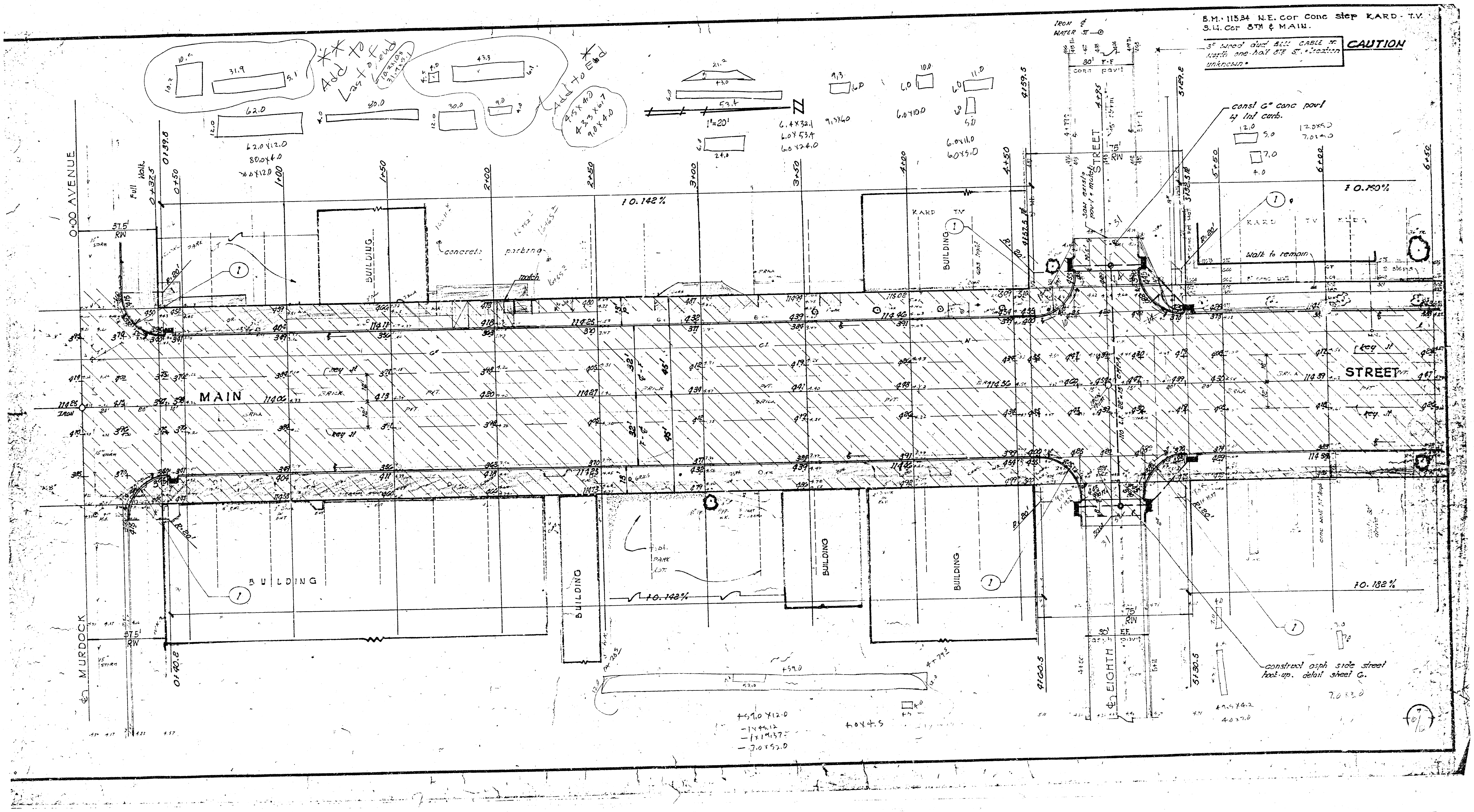
BRICK PAVER

NOTE TO FIELD ENGINEER AND CONTRACTOR:

BRICK IN EXISTING CROSSWALK PATTERN ARE TO BE REMOVED AND REPLACED. WIDTH OF NEW PATTERN WILL BE DEPENDENT ON NUMBER OF USABLE SALVAGED BRICK. ENGINEER TO INSPECT AND DETERMINE USABLE BRICK.

DETAIL - Asphalt side street Hook-ups

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FILMED FROM THE BEST AVAILABLE COPY ....

TIES to "Stone" in THIMBLE (Sta. 2+01.57)
1. 41.18' W. to "X" in wk.
2. 62.60' E.N.E. to S.W. cor. brk. planter.
3. 40.84' E. to "X" in wk.
4. 68.18' NE. to N.W. cor. bot. conc. step.
5. 63.00' W.N.W. to E.fc. Basket Ball Goal Post.

B.M. 116.05 NE. Cor. 5th conc. wk. to Royal Cleaners

Formerly Royal Cleaners bldg 939 N. Main

const 8" conc pav't hook-up & 1st curb.

existg walk to remain

contact property owner's walk preferred

existg walk to remain

existg walk to remain.

constr wheel chair ramps.

match existg pav't 30ft ft. see detail Std-G

"LIMESTONE CURBING"

NOTE: Existing limestone curbing to be salvaged and stored in a stockpile bin at contour, as directed by the Engineer.

MAIN STREET

NINTH STREET

PARK ELEMENTARY SCHOOL

ALL WEATHER ADDITION

FILMED FROM THE BEST AVAILABLE COPY.....

B.M.: 116.668 S.E. cor bottom step House # 1107 N. MAIN.

PARK ELEMENTARY SCHOOL

MAIN STREET

STREET

10TH. STREET

Brick Pavement

Street Car Tracks

Tie to (Iron in Thimble) Sta. 6+84.32 ℄ 10th & W.L. Main
1. 67.18 S.W. to Fe. P.P.
2. 45.18 S.W. to N.E. Cor. Bot. Conc. Step.
3. 54.56 N.W. to S.E. Cor. Fire.
4. 84.18 N.W. " S.W. " "

Ties to (Iron in thimble) S.L. Main - ℄ 10th St.
1. 49.37 N. to S.W. Cor. conc. coping
2. 37.42 S.E. to N.W. Fe. P.P.
3. 41.50 N.E. to S.W. Cor. Porch
4. 65.80 S.E. to N.W. Cor. Bot. Step.

"SCHOOL CROSSING" construct standard wheel chair ramp with 6' walk section. (both sides).

construct hook-up detail sheet C.

const 6" conc pav't & int curb.

10.159%

10.165%

10.195%

10.211%

FILMED FROM THE BEST AVAILABLE COPY

PLAN — SURVEYED | PLOTTED | NOTE BOOK | No. | DRAWN CHECKED | ALIGNMENT CHECKED | RT OF WAY CHECKED | DATE

PROFILE — SURVEYED | PLOTTED | NOTE BOOK | No. | DRAWN CHECKED | ALIGNMENT CHECKED | DATE

REMOVE EXISTING M.H and CONST STD TYPE "B" MANHOLE Rim 1130?
(18"x11" C.M.P.A. No. West 1109? match flows)

CONST STD TYPE "B" M.H over 15" pipe. (match flows 1109? Rim 1131?

CONSTRUCT STD CURB INLET TYPE I-A Top ch. 1130? 18"x11" out 1106?

proposed curb alignment

6" c.i. water

conc slab

rem inlets & leads

STREET

MAIN

Thimble

110 L.F. 22"x13" CMPA

32' L.F. 18"x11" CMPA

rem inlets & leads

conc slab

32' L.F.

32' L.F.

T.G.E.

R.20'

CONSTRUCT STD CURB INLET TYPE I-A Top curb 1131? 18"x11" out 110?

removal limits paving constr.

existing 18" storm sewer

existing A.C. Road

ELM

REMOVE EXISTING M.H and CONST STD TYPE "B" M.H.
Rim 1130? (18"x11" C.M.P.A. No. East 1103? match existg flows)

CONST STD TYPE "B" M.H. over existg 12" pipe (match flows) Rim 1131?

N

B.M. 115.775 N.E. Cor conc bonstrail to Bldg entr. S.W. Cor ctM & MAIN.

NOTE: All MANHOLE construction to use wide flange Ring & cover.

CONST STD TYPE "B" M.H. over existg 18" pipe. (match flows 1109? Rim 1139?)

CONST STD CURB INLET TYPE I-A T.C. 1131? 18"x11" C.M.P.A. out 110?

R.20'

21.5' 18"x11"

23.5' 18"x11"

CLAY PIPE CMPA

remove inlets & leads.

32' L.F.

32' L.F.

18" M.H.

22"x13" CMPA

Thimble

120 L.F.

100 L.F.

rem inlet & lead

STREET

MAIN

CONST STD TYPE "B" M.H. over existg 18" pipe. (match flows 1109? Rim 1139?) 18"x11" So 1098 N. 1095

CONST STD CURB INLET TYPE I-A T.C. 1133? 18"x11" CMPA. In 1098 out 1097

CONST STD CURB INLET TYPE I-A T.C. 1133? 18"x11" CMPA out 110?

R.32'

rem inlets & leads.

6" c.i. water

rem inlets & leads

BUILDING

CONST STD CURB INLET TYPE I-A Top curb 1133? 18"x11" CMPA out 1097

CONST STD TYPE "B" M.H. over existg 18" pipe. (match flows 1079? Rim 1139

18" storm sewer

15" storm sewer

10" Gas Service

2" service Gas

PINE

CONST STD TYPE "B" M.H. (match flows 1092? Rim 1139 18"x11" In 1093

PROFILE 18" SANITARY SEWER

existg 18" pipe

18" CLAY PIPE

existg M.H. 1078?

INSTALL 120 L.F. 18" CLAY PIPE

existg M.H. 1078?

Existing 18" pipe

115

110

105

115

110

105

existg 18" storm sewer

rem existg M.H. & const TYPE A M.H.

top existg pavt

existg M.H. 1062?

INSTALL 100 L.F. 22"x13" CMPA

existg M.H. 1062?

PROFILE 18" STORM SEWER

WEST LINE MAIN ST

K&E PLATE 1. PLAN-PROFILE KEUFFEL & ESSER CO.

48 7024 MADE IN U.S.A.

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CONST STD TYPE "B" M.H.
(match existg 15" pipe Flow 1095±)
18"x11" CMPA's in 1099 Rim 1141±

CONST STD CURB INLET
TYPE 1-A T.C. 1142
18"x11" CMPA out 1109

CONST STD CURB
INLET TYPE 1-A
T.C. 1141.5 18"x11" CMPA
In 1098 out 1096

CONST STD CURB
INLET TYPE 1-A
T.C. 1139.5 · Flo out 1101

Fire STATION

concrete drive

4" gas service

rem Inlet & lead

rem Inlet & leads

remove Inlet

proposed curb alignment

ST.

40' F-F

15"

Bell Tele

R.20'

87.5' L.F. 18"x11"

11.5 18"x11"

rem M.H.

MAIN

STREET

brick pvmt

32' F-F

110 L.F. 22"x13" CMPA

rem Inlet & lead

rem Inlet & lead

CONST STD CURB INLET
TYPE 1-A Top curb 1140
18"x11" CMPA out 1095

CONST STD TYPE "B" M.H.
(match existg 15" pipe Flow 1091±)
18"x11" CMPA's in 1092±

CONST STD CURB
INLET TYPE 1-A
T.C. 1139.5 · Flo out 1099

CONST STD CURB
INLET TYPE 1-A
T.C. 1141.5 Flo in 1094
out 1092

MURDOCK

proposed saw it existing asph pavement

N

B.M.- 114.62± R.R. Spike S.W. side K.G.E. STR life pole N.E. Cor MURDOCK & MAIN.
B.M.- 115.34 N.E. Cor concrete step K.A.R.D. T.V. S.W. Cor 8TH & MAIN.

NOTE: Traffic to be carried thru McCROCK ST. at all times.

plan scale 1"=20'

CONST STD TYPE "B" M.H.
(match flow existing 15" pipe
1104± Rim 1143±) 18"x11" CMPA
So. & No. 1104 In.

CONST STD CURB INLET
TYPE 1-A Top Curb 1145
Flo out 1109±

CONST STD CURB INLET
TYPE 1-A T.C. 1142.5
In 1108 out 1107

Note: 3" BELL TEL cable
in N ½ 8TH ST. location
unknown.

CONST STD CURB INLET
TYPE 1-A T.C. 1142.5
18"x11" CMPA out 1111±

remove Inlet & lead

4" Water

rem Inlet & lead

rem M.H.

Thimble

proposed curb alignment

rem Inlet & lead

rem Inlet & lead

CONST STD CURB INLET
TYPE 1-A T.C. 1145.5
Flo out 1106±

CONST STD TYPE "B"
MANHOLE (match flow
existg 15" pipe 1103±
Rim 1142± 11½'x18"x11" 1103±)

CONST STD CURB INLET
TYPE 1-A T.C. 1142.5
18"x11" C.M.P.A. out 1109±

CONST STD CURB INLET
TYPE 1-A T.C. 1142.5
18"x11" CMPA in 1106 out 1103

8TH

existg 8" Water

42" Water

PLAN
SURVEYED
PLOTTED DRAWN CHECKED
NOTE BOOK LEAD CHECKED
No. NO. OF MAP SHEETS

PROFILE
SURVEYED
PLOTTED DRAWN CHECKED
NOTE BOOK LEAD CHECKED
No. STRUCTURE RECOMMENDED CHECKED

K&E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.
48 7024 MADE IN U.S.A.

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B.M. 116.06 N.E. cor S.S' walk to ROYAL CLEANERS 939 N. MAIN.
B.M. 118.66 S.E. Cor bottom step House No. 1107 N. MAIN.

N

CONSTRUCT STD TYPE "B" MANHOLE OVER EXISTING 28" PIPE (match flows 110.05 ft) (Rim 119.8 ft) 15"x11" Sw. 110.8 18"x11" Nw. 110.8

CONST STD CURB INLET TYPE I-A 18"x11" CMPA out 111.3 top ch. 115.10

CONST STD CURB INLET TYPE I-A 18"x11" In 110.7 out 110.8 T.C. 115.10

CONST STD CURB INLET TYPE I-A 18"x11" out 111.2 T.C. 115.06

ST.

MAIN

STREET

proposed curb alignment.

"STONE" in thimble

rem inlet & leads

rem M.H.

6" gas ser Co.

CONST STD CURB INLET TYPE I-A 18"x11" out 111.2 T.C. 115.05

CONST STD TYPE "B" M.H. OVER existing 20" pipe (match flows 109.95) 18"x11" In 1102 (Rim 119.9 ft)

9TH

existing 20" C.P. STORM SEWER

CONST STD CURB INLET TYPE I-A T.C. 115.85 18"x11" CMPA in 1107 out 110.8

NOTE: Traffic to be carried thru 9TH STREET at all times.

Plan scale 1"=20'
profile 1"=20' Horz
1"=5' vert

CONST STD CURB INLET TYPE I-A 18"x11" CMPA out 113.9 T.C. 116.95

STA 0+68 CONST STD TYPE "B" M.H. (5' DIA) flow in & out

CONST STD CURB INLET TYPE I-A 18"x11" CMPA out 113.6 top curb 116.35

STA 0+00 CONST STD TYPE "B" M.H. (match flows)

ST.

CONST STD TYPE "B" M.H. flo in & out 113.9 ft

CONST STD CURB INLET TYPE I-A 18"x11" C.M.P.A. In 113.9 out 113.5 T. curb 116.95

CONST STD CURB INLET TYPE I-A 18"x11" out 113.9 T.C. 116.15

proposed curb alignment

6" C.I. water

existing 18" S.W.S.

rem inlet & lead

remove M.H. & pipe

STREET.

MAIN

st car tracks

asphalt brick

remove inlet & lead

6" Gas ser

CONST STD CURB INLET TYPE I-A 18"x11" CMPA out 113.8 Top ch. 116.95

CONST STD CURB INLET TYPE I-A 18"x11" CMPA In 113.6 out 113.5 T.C. 116.85

10TH

STA 0+68 CONST STD TYPE "B" M.H.

STA 0+00 CONST STD TYPE "B" M.H. over existing 20" pipe.

existing 20" CMP storm sewer

match existing from 113.3

24" x 18" CMPA

773 L.F. 24"x18" CMPA @ 0.003 ft/ft

match flows 113.4 in & out

113.3 113.4 113.5 113.6

120 115 110

0 150 1 150 2

PLAN — SURVEYED ... PLOTTED ... DRAWN CHECKED ... TRACED ... NOTE BOOK ... AS OF MAY CHECKED ... No. ... STRUCTURE LOCATIONS CHECKED

PROFILE — SURVEYED ... PLOTTED ... DRAWN CHECKED ... TRACED ... NOTE BOOK ... AS OF MAY CHECKED ... No. ... STRUCTURE LOCATIONS CHECKED

DATE

K+E PLATE 1, PLAN-PROFILE KEUFFEL & ESSER CO. 48 7024 MADE IN U.S.A.

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B. M. = 118.745 S.L. Cor bottom Conc step No. H 1157 N. MAIN

NOTE: ALL MANHOLE CONSTRUCTION TO USE WIDE FLANGE RING & COVER.

STA 7+73 CONST STD TYPE "B" M.H. over existg 15" pipe. (match existing flow 113.9 ±)

CONST STD CURB INLET TYPE I-A 18"x 11" CMPA out 114.9 T.C. Curb 117.55

STA 7+41 CONST STD TYPE "B" M.H. (5' DIA) flow in & out 113.8 ±

proposed curb alignment

remove M.H.

remove inlet & lead.

remove inlet & lead.

773 L.F. 29"x 18" CMPA

existg 18" clay pipe storm sewer

MAIN

STREET

st car tracks

12" Gas Service Co.

CONST STD CURB INLET TYPE I-A 18"x 11" CMPA out 114.1 T.C. 117.55

CONST STD TYPE "B" M.H. No 113.9

Const Type "B" M.H.

CONST STD CURB INLET TYPE I-A in 114.1 out 114.1 T.C. 117.55

CONST STD CURB INLET TYPE I-A out 114.3 T.C. 117.55

CONST STD CURB INLET TYPE I-A out 114.3 T.C. 117.55

11TH

NOTE TO ENGINEER AND CONTRACTOR
Any excess excavated material available for use as fill for paving is to remain on site.

PLAN
SURVEYED
PLOTTED
NOTE BOOK
No.
DRAWN BY / CHECKED
R.O.W. NOTED
LOCATION OBSERVATIONS CHECKED
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
No.
DRAWN BY / CHECKED
H. & V. NOTED
LOCATION OBSERVATIONS CHECKED
BY
DATE

Top existing brick pavement

773 L.F. 29"x 18" CMPA

773 L.F. 29"x 18" C.M.P.A. @ 0.064%

STA 7+73 CONST STD TYPE "B" M.H. over existg 15" pipe.

STA 7+41 CONST STD TYPE "B" M.H. (5' DIA) flow in & out 113.8 ±

existing 15" Tile

existing 18" Tile

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KEUFFEL & ESSER CO
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