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WOODLAWN BLVD., N. L. KANSAS TURNPIKE RIGHT-OF-WAY TO S. L. LINCOLN HILLS SECOND ADD'N.
ASPHALTIC CONCRETE 44'-2'-48'
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER
PROJ. NO. DAKM571018

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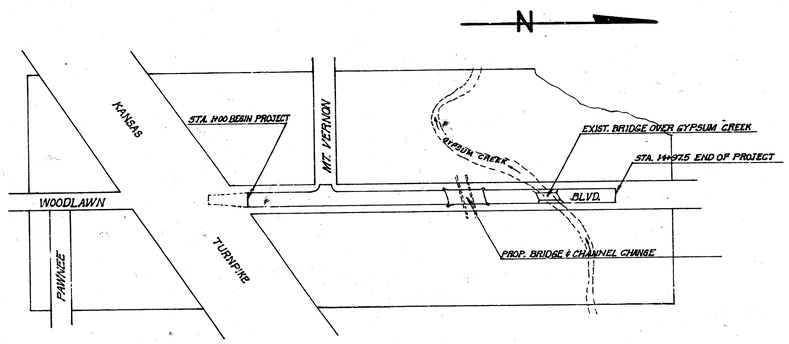


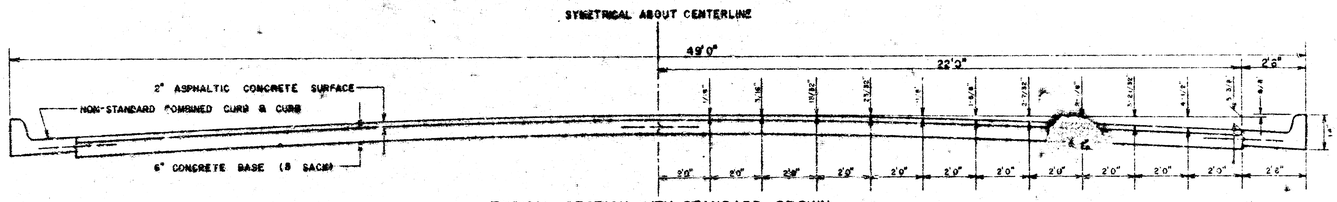
NOTES TO FIELD ENGINEER & CONTRACTOR

1. CONTRACTOR TO CLEAR RIGHT-OF-WAY, GRADE PARKINGS & COMPACT FILL FOR PROPOSED SIDEWALK. SIDEWALK TO BE CONSTRUCTED BY OTHERS.
2. FIELD ENGINEER TO DETERMINE THICKNESS OF ASPHALT MAT FOR FINAL CALCULATION OF EXCAVATION QUANTITIES, AN ASSUMED THICKNESS OF 7" WAS USED TO ESTIMATE THE EARTHWORK QUANTITIES.
3. PERMISSION OF PROPERTY OWNER TO BE GRANTED BEFORE ANY WORK IS DONE ON PRIVATE PROPERTY.
4. COST FOR REMOVAL OF ASPHALT MAT DRIVES TO BE PAID AS SQ. YDS. ASPHALT MAT REMOVED.
5. RELOCATION OF EXISTING UTILITIES TO BE COORDINATED WITH THIS PROJECT TO CAUSE LEAST AMOUNT OF INTERFERENCE WITH PAVING CONTRACTOR.
6. BORROW EXCAVATION TO BE OBTAINED FROM BORROW AREA SOUTH OF GYPSUM CREEK & EAST OF WOODLAWN BLVD. BORROW MATERIAL TO BE PAID AS CU. YDS. OF EXCAVATION & CU. YDS. OF COMP. FILL IN PLACE ON PROJECT.

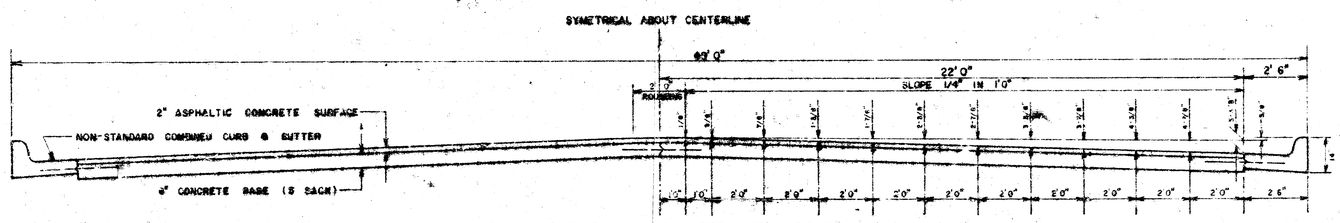
DEC. 1971

1/16

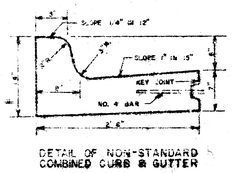
PROJ. NO. DAKM 57108
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER



TYPICAL SECTION WITH STANDARD CROWN
48' 0" ASPHALTIC CONCRETE PAVEMENT



TYPICAL SECTION WITH ALTERNATE CROWN
48' 0" ASPHALTIC CONCRETE PAVEMENT

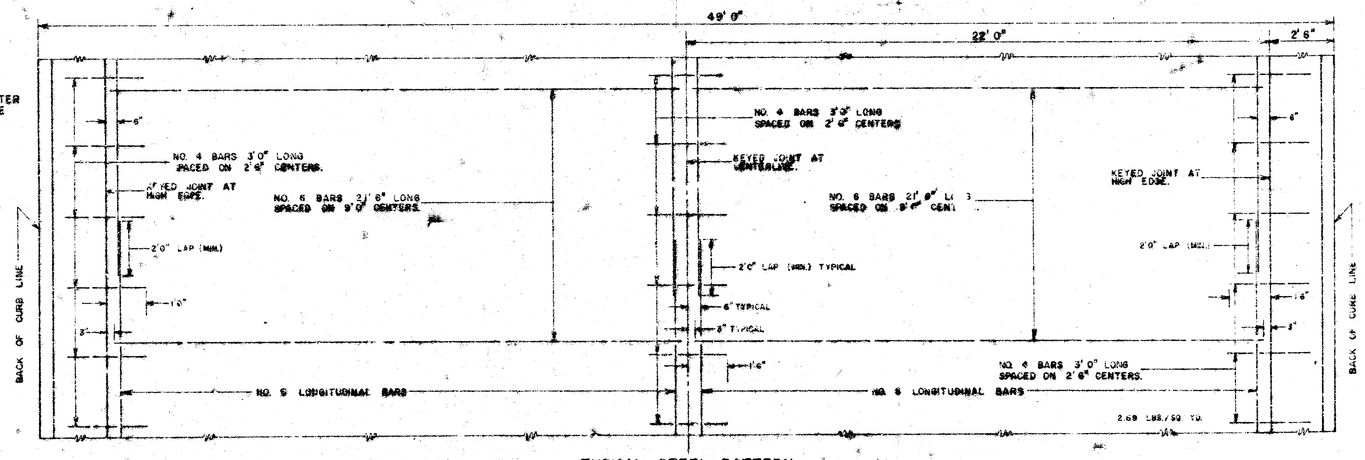


DETAIL OF NON-STANDARD
COMBINED CURB & GUTTER

GENERAL NOTES

CONTRACTION JOINTS MAY BE CONSTRUCTED IN COMBINED CURB AND GUTTER BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND 2-1/2" BELOW THE SURFACE OF THE GUTTER AND CURB SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10' AND BE FILLER WITH A SPECIFIED JOINT FILLER, SUCH THAT THE JOINT IN THE GUTTER SECTION WILL BE COMPLETELY FILLED.

PAVEMENT GRADES SHOWN ON PLANS ARE FOR STANDARD CROWN.



TYPICAL STEEL PATTERN
48' 0" ASPHALTIC CONCRETE PAVEMENT

2/16

B. M. 137.45 R.R. SPIKE N. E. FACE P.P. S. SIDE MT. VERNON 50' WEST OF W. L. WOODLAWN.
℄ WOODLAWN IS ON SECTION LINE.

B. M. 138.93 "M" IN MUELLER FIRE HYDRANT N. W. CORNER MT. VERNON & WOODLAWN.

N

SCALE 1"=20'

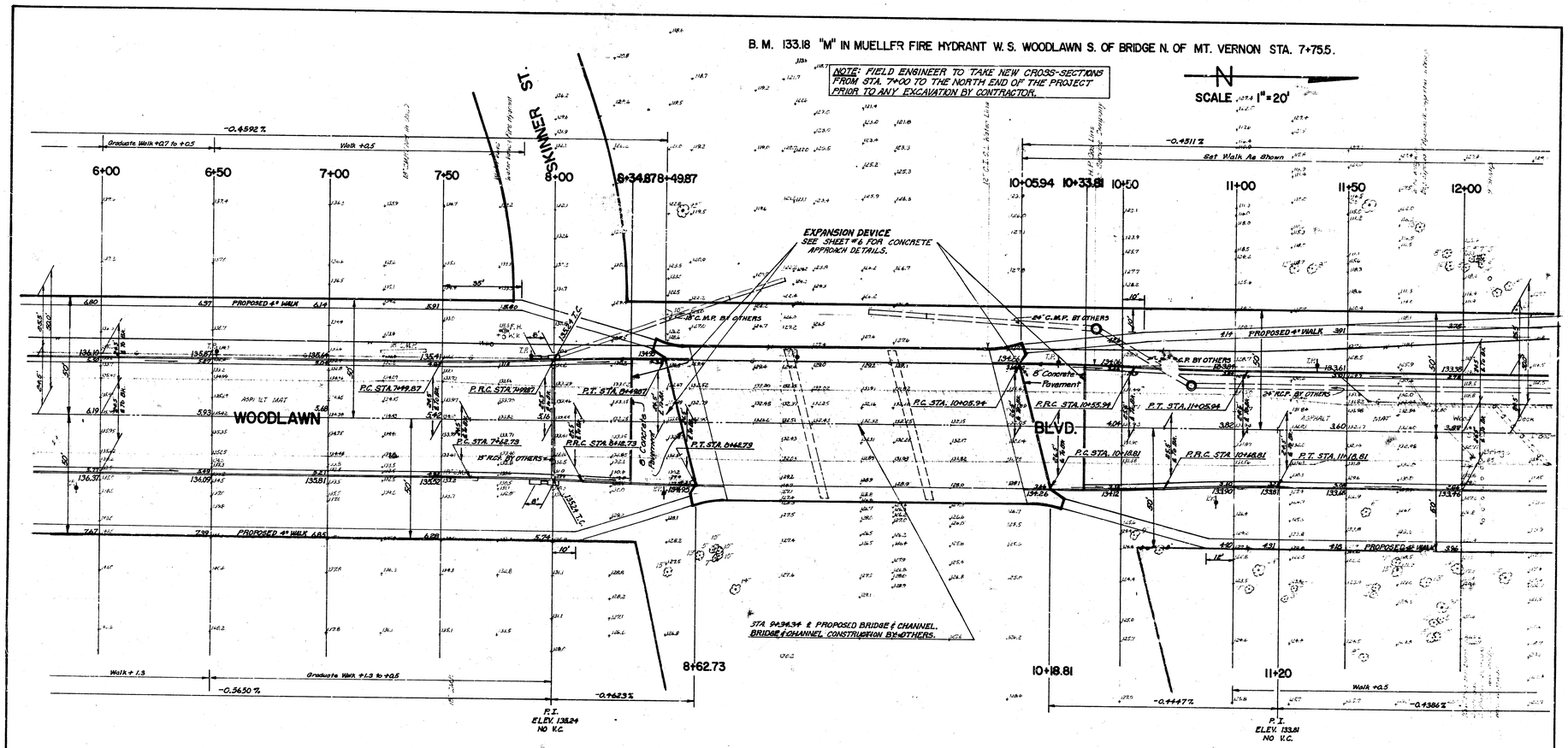
WOODLAWN BLVD, N. L. KANSAS TURNPIKE RIGHT-OF-WAY
TO S. L. LINCOLN HILLS SECOND ADD'N.
PROJ. NO. DAKM 57(0)18

3/16

B. M. 133.18 "M" IN MUELLER FIRE HYDRANT W. S. WOODLAWN S. OF BRIDGE N. OF MT. VERNON STA. 7+75.5.

NOTE: FIELD ENGINEER TO TAKE NEW CROSS-SECTIONS FROM STA. 7+00 TO THE NORTH END OF THE PROJECT PRIOR TO ANY EXCAVATION BY CONTRACTOR.

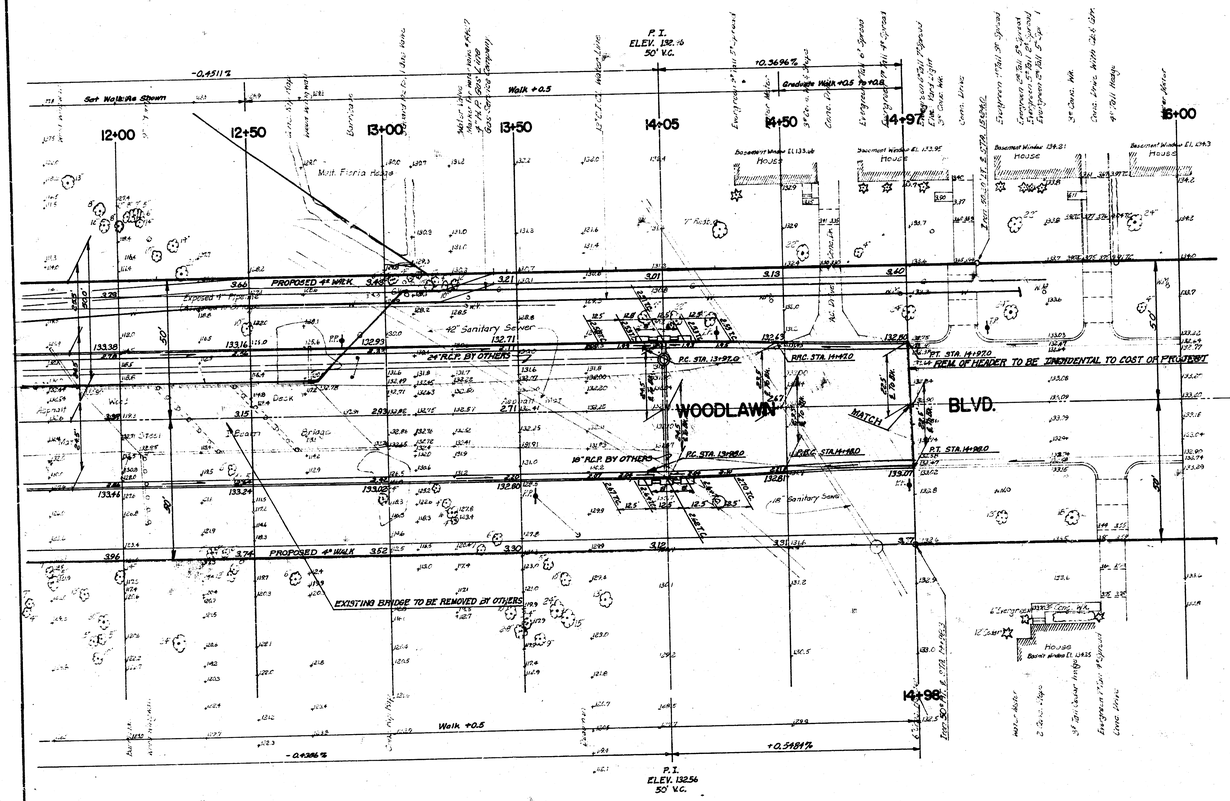
SCALE 1" = 20'

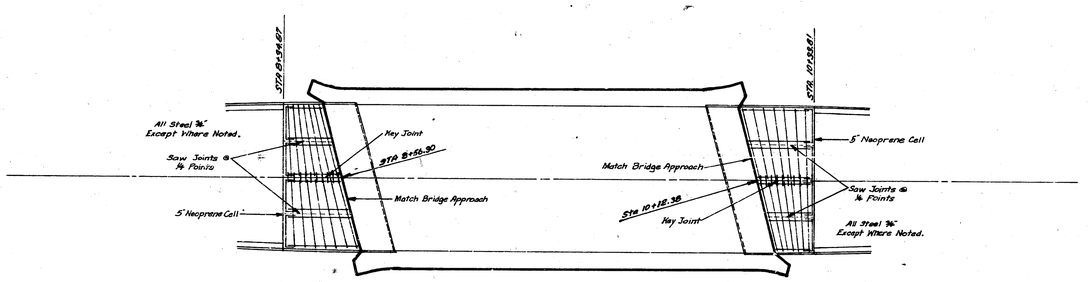


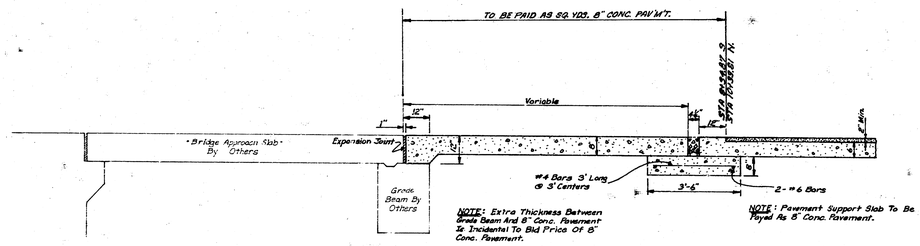
WOODLAWN BLVD., N. L. KANSAS TURNPIKE RIGHT-OF-WAY
TO S. L. LINCOLN HILLS SECOND ADD'N.
PROJ. NO. DAKM 571018

4/16

B.M. 1352.2 S.E. CORNER CONC. STEP HOUSE NO. 1801 S. WOODLAWN.

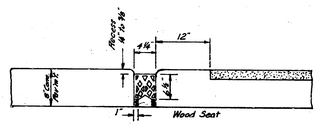

Set Nail in As Shown
-0.45117
12+00
12+50
13+00
13+50
14+05
14+50
14+97
15+00
P.I. ELEV. 132.16 50' V.C.
+0.36967
Gradient Walk +0.5 to +0.8
Walk +0.5
Evergreen 4" Tree
Evergreen 4" Spruce
Evergreen 4" Tree
Evergreen 4" Spruce
Evergreen 4" Tree
Evergreen 4" Spruce





NOTE: Extra Thickness Between Grade Beam And 8" Conc. Pavement Is Incidental To Bid Price Of 8" Conc. Pavement.

NOTE: Pavement Support Slab To Be Payed As 8" Conc. Pavement.



Install 5" Wide Preformed Open Cell Neoprene Joint Seal. Use "H" Series Delastic Bridge Seal Catalog No. H-5000, D.S. Brown Co. Or An Approved Equal.

The Neoprene Joint Material Shall Be Machine Installed With Equipment Capable Of Placing The Strips At The Specified Depth Without Increasing Or Decreasing The Length As Taken From The Roll Or Box By More Than 5%. No Splices Will Be Permitted Across The Roadway. 6" Long Sections Are To Be Installed Vertical In The Curb Section Of The Roadway Pavement. The Seals Shall Be Secured In Place With An Approved Lubricant Adhesive Which Shall Cover Both Sides Of The Seal Over The Full Contact Area. The Seals And Installation Shall Not Be Paid For Directly, But Shall Be Subsidiary To The Bid Item Of 8" Concrete Pavement.

6/16 WOODLAWN BLVD. PROJ. NO. DAKM 57101B

B.M. 133.18 "M" IN MUELLER TOP FIRE HYDRANT W. S. WOODLAWN 375.5' N. OF ℄ MT. VERNON.

NORTH

CAUTION: UNDERGROUND UTILITIES

PLAN SCALE: 1"=20'
PROFILE SCALE: HORIZ. 1"=20'
VERT. 1"= 5'

NOTE:
1. CONTRACTOR TO COORDINATE CONSTRUCTION WITH BRIDGE CONTRACTOR, PAVING CONTRACTOR, & UTILITIES INVOLVED.
2. THE BID PRICE PER LIN. FT. OF 18" C.M.P. & 24" C.M.P. TO INCLUDE ALL ELBOWS & CONNECTING BANDS TO INSTALL PIPE.

Surveyed KRUG 08/01/1969
Plan Lauxen
Staked
Checked

13184' 33.34' 146.66' 100.00' 470.66'

OUTFALL ELEV. 118.50

10" BEND ELBOW

18" C.M.P.

OUTFALL ELEV. 113.50

5" BEND ELBOW

24" C.M.P.

24" R.C.P.

CONST. STD. MANHOLE TYPE A
FLOW LINE S. 24" C.M.P. OUT 121.47
FLOW LINE N.E. 24" R.C.P. IN 121.57

CONST. STD. MANHOLE TYPE A
FLOW LINE S. W. 24" R.C.P. OUT 124.80
FLOW LINE N. 24" R.C.P. IN 124.90

ELBOW BEND DETAIL

ELBOW BEND

STA.	LINE	TYPE	DIAM. (D)	ϕ IN DEGREES
ON 20	1	CMP	24"	22½°
0+20	2	CMP	18"	30°

CONST. STD. MANHOLE TYPE A
FLOW LINE S. 24" R.C.P. OUT 127.60
FLOW LINE W. 18" R.C.P. IN 128.10
FLOW LINE E. 18" R.C.P. IN 128.10

CONST. STD. 24S INLET F.L. N. 128.90
T.C. ELEV. 138.64
CONST. STD. 24S INLET F.L. W. 128.70
F.L. S. 128.90 F.L. N. 128.70 T.C. ELEV. 138.84
CONST. STD. 21S INLET F.L. S. 129.10
T.C. ELEV. 138.83

12" C.I.C.L. WATER LINE

T.P.

7 LF 15" R.C.P.

4 LF 15" R.C.P.

18" R.C.P.

BARRICADE

12" Sanitary Sewer

4" H.P. GAS LINE GAS SERVICE CO.

Wood Deck Steel I-Beam Bridge

ASPHALT MAT

WOODLAWN BLVD.

℄ FROG. CHANNEL

GYPSUM CREEK

15" R.C.P.

CONST. STD. 21S INLET F.L. W. 131.50
F.L. S. 131.60 T.C. ELEV. 139.23

CONST. STD. 24S INLET F.L. N. 134.70
T.C. ELEV. 138.87

CONST. STD. 24S INLET F.L. N. 128.90
T.C. ELEV. 138.64
CONST. STD. 24S INLET F.L. W. 128.70
F.L. S. 128.90 F.L. N. 128.70 T.C. ELEV. 138.84
CONST. STD. 21S INLET F.L. S. 129.10
T.C. ELEV. 138.83

STA. 1+04 CONST. STD. 21S INLET

STA. 0+30 12" BEND ELBOW

STA. 0+00 OUTFALL

STA. 0+00 5" BEND ELBOW

STA. 0+00 CONST. STD. MANHOLE TYPE A

STA. 1+48 CONST. STD. MANHOLE TYPE A

STA. 4+29 CONST. STD. MANHOLE TYPE A

SET TOP MANHOLE AT ELEV. 134.20

SET TOP MANHOLE AT ELEV. 133.48

SET TOP MANHOLE AT ELEV. 132.07

PROP. TOP OF PAV'M'T.

NATURAL GROUND

12303 Top 4" H.P. Gas Line

12583 Top 12" C.I. Water Line

12541 Top 12" C.I. Water Line

12455 Top 4" H.P. Gas Line

MECHANICALLY COMPACT BACKFILL STA. 0+00 TO STA. 1+04 INCIDENTAL TO COST OF PROJECT.

MECHANICALLY COMPACT BACKFILL STA. 0+00 TO STA. 1+00 INCIDENTAL TO COST OF PROJECT.

EXCAVATION OF CHANNEL BY OTHERS.

PROP. CHANNEL BANK WITH DUMPED ROCK RIP-RAP

FILL BY OTHERS.

LINE 1

LINE 2

94 L.F. 18" C.M.P. @ -30.34%

SLF @ 1.00%

SLF @ 1.00%

80 L.F. 18" C.M.P. @ +5.71%

99 L.F. 24" R.C.P. @ +0.81%

324 L.F. 24" R.C.P. @ +0.833%

135
130
125
120
115
110

FLOW IN EAST 128.40
FLOW IN SOUTH 129.11
FLOW OUT NORTHWEST 129.11

FLOW 128.80

FLOW 133.70

OUTFALL ELEV. 113.50

OUTFALL ELEV. 113.50

FLOW 134.44

FLOW 133.70

FLOW OUT SOUTH 130.67
FLOW IN NORTHEAST 132.37

FLOW OUT SOUTHWEST 134.90
FLOW IN NORTH 134.90

FLOW 135.90

FLOW 135.78

FLOW 136.43

FLOW 136.57

FLOW 137.38

FLOW OUT SOUTH 138.90
FLOW IN WEST 138.90
FLOW IN EAST 138.90

12" Sanitary Sewer

0+50 0+80 0+00 0+50 1+00 1+48 2+00 2+50 3+00 3+50 4+00 4+26

1-04

INCIDENTAL DRAINAGE IN CONNECTION WITH PAVING
WOODLAWN BLVD., N. L. KANSAS TURNPIKE RIGHT-OF-WAY
TO S. L. LINCOLN HILLS SECOND ADD'N.
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER
PROJ. NO. DAKD 57(10)3
DATE: DEC. 1971

K&E PLATE 1 PLAN & PROFILE

10 S T 14 A1

11"x Engr. Vellum