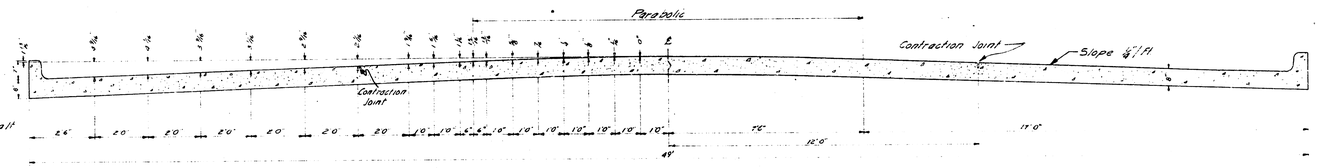
13TH. STREET

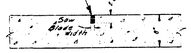
W.L. BICKEL-W.L. WEST STR.

PROJECT C19-16



TYPICAL SECTION

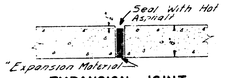
No Scale



CONTRACTION JOINT

No Scale

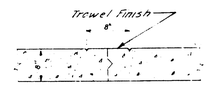
To Be Used At 30' Intervals Except Where An Expansion Joint Is Used



EXPANSION JOINT

No Scale

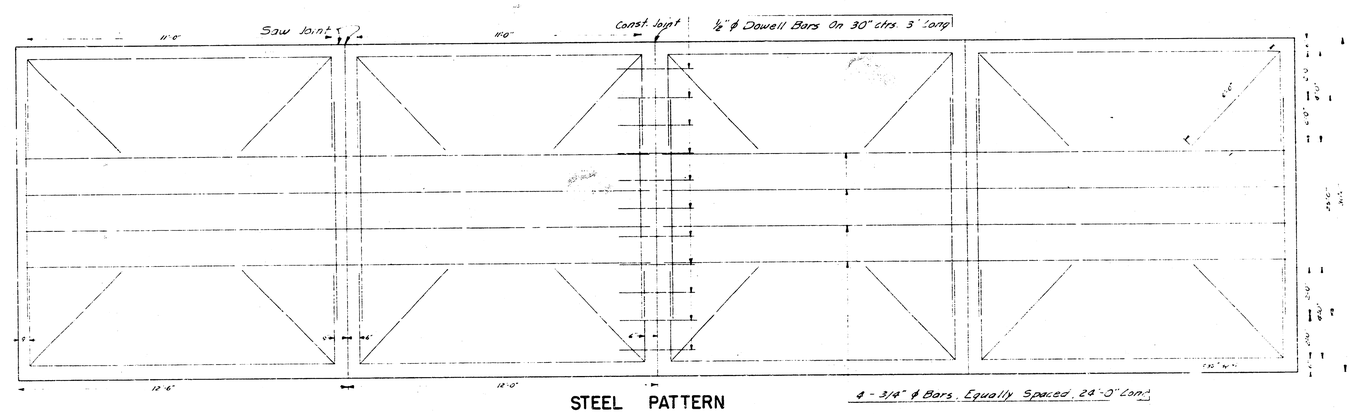
To Be Used At 120' Intervals



℄ MARKER DETAIL

1x3 Scale

Place Full Length of Job



STEEL PATTERN

No Scale

Use ⅜" ϕ Bars Unless Otherwise Specified

1/7

U.S. HIGHWAY 456

BM#1-1926.704 R.R. Spike in N Face W.P. S.Side 13th Street, Sta 0+.15
BM#2-1927.404 NW Cor. bottom step House, N/S 13th Str.
BM#3-1928.24 Standard "S.W. Corner 13th & West Str.
Base line of "Thirteenth Street"

N
Scale: 1" = 20'

DETAIL OF TRAFFIC ISLAND

SECTION B-B

SECTION A-A

WARPED SECTION Set Grades Shown On Plan

18" Storm Sewer

Note to Field Engineer: Re-cross-section Compacted Fill Area before final construction.

Existing Asphalt Pvmt.

Construct Asphalt Dust-up (A)

Barricade to be Installed by OTHERS:

Construct Int. Curb

Rad.=3180' Reverse Curve

Width Change 32' to 48'

Proposed Street R/W

Compacted Fill

8" Concrete

Rad.=15.0'

End New Construction

Rad.=400'

Railroad Spike Crossing

13th Str. ℄

℄ BICKEL

Bickel Str.

DOUGHERTY

DETAIL OF SEPARATE CURB

RAILROAD HEADER DETAIL

Asphalt Filler

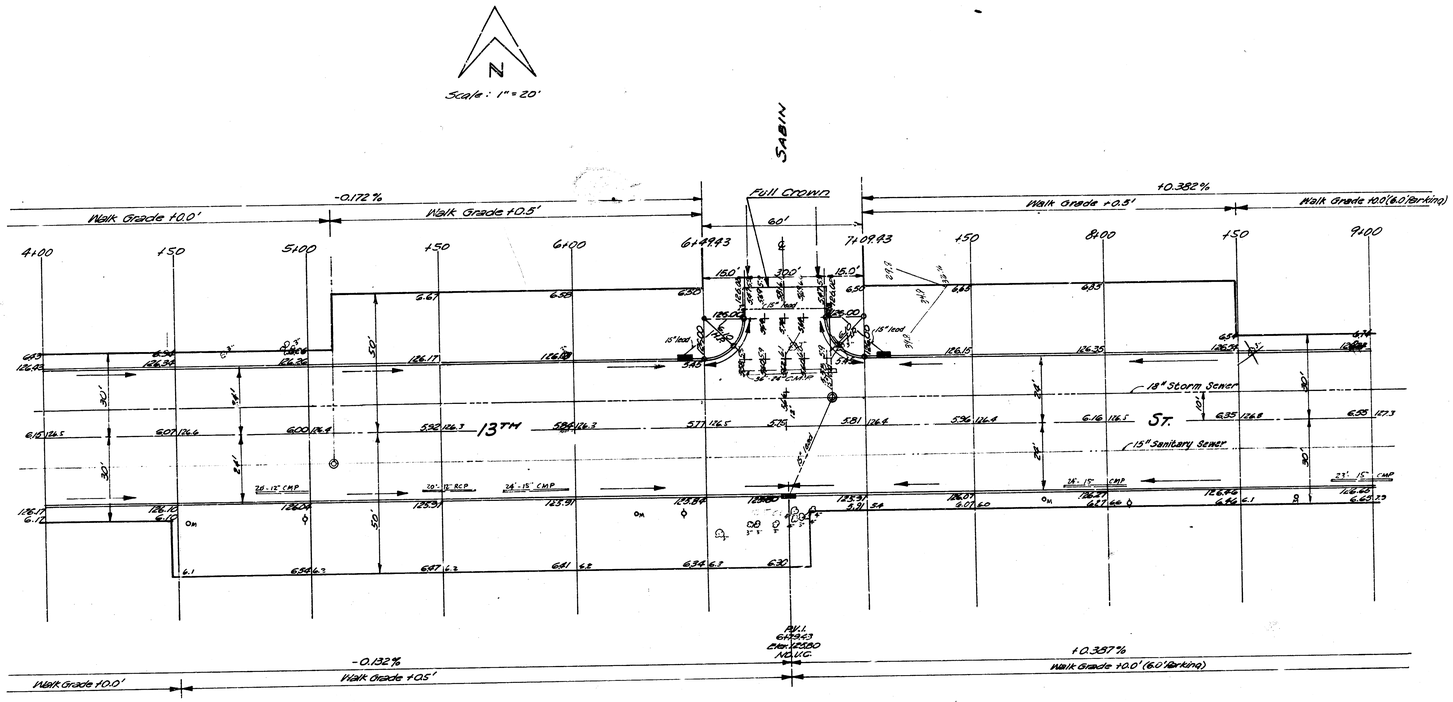
Ballast

EARTHWORK TABULATION

	Excavation	Compacted Fill
Unit	cu.yds.	cu.yds.
Quantity	31118	12783

13TH ST.
W.L. BICKEL TO W.L. WEST ST.
48' CONC. & CB. - 8"
CITY OF WICHITA, KANSAS
B.E. SMITH - CITY ENGINEER
Oct. 1959 PROJ. C19-16

2/7



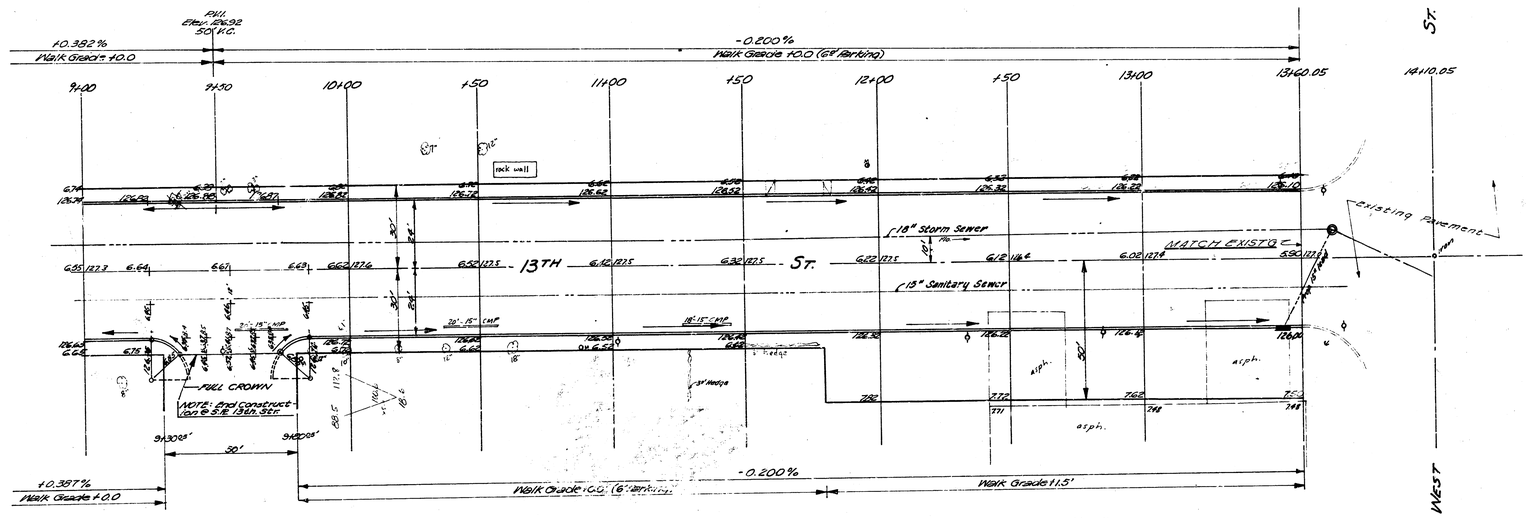
13TH ST.
W.L. BICKEL TO W.L. WEST
PROJ. C19-16

3/7

B.M. 123.07 Standard B.M. S.W. Cor. 13th & West St.

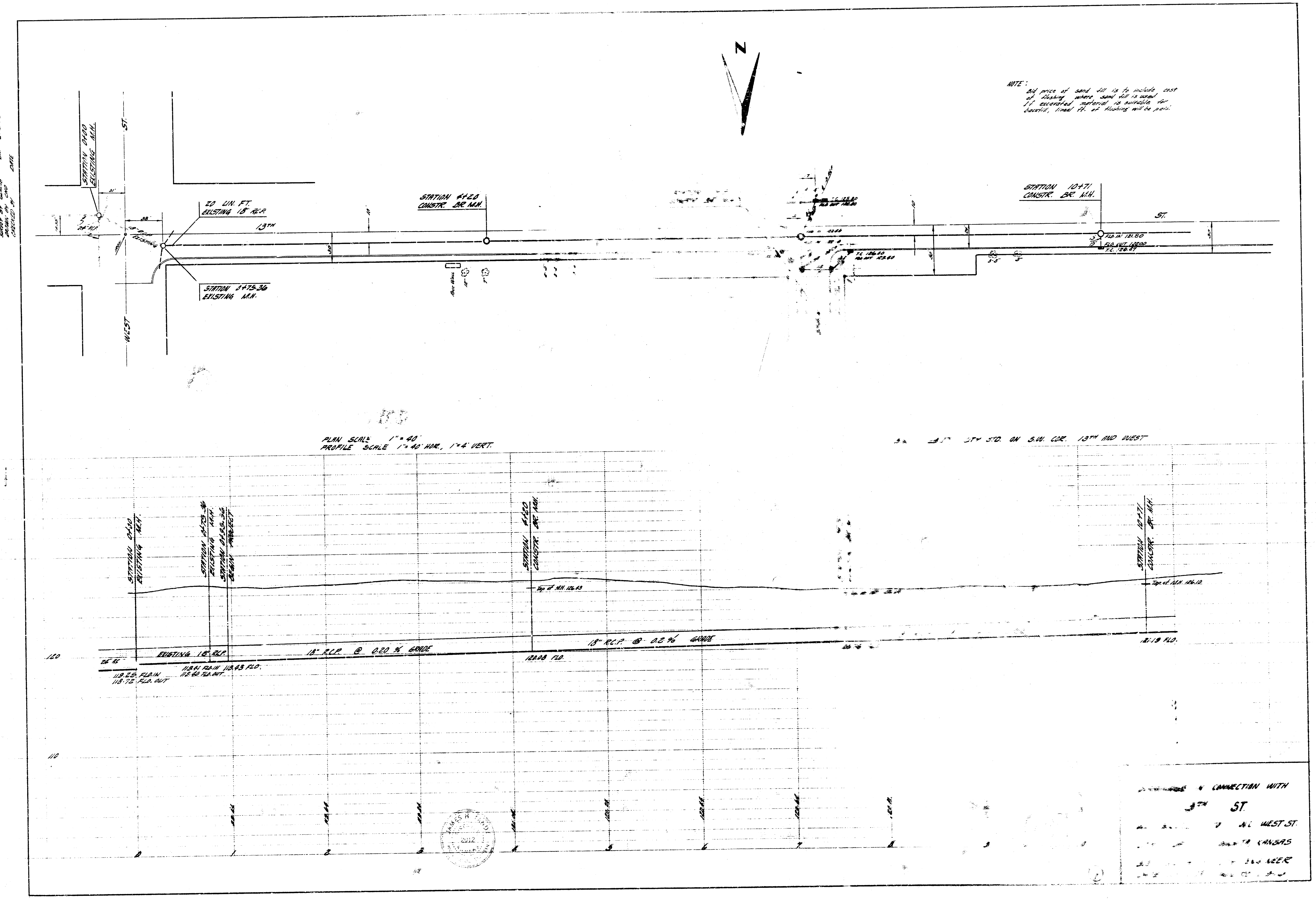
N

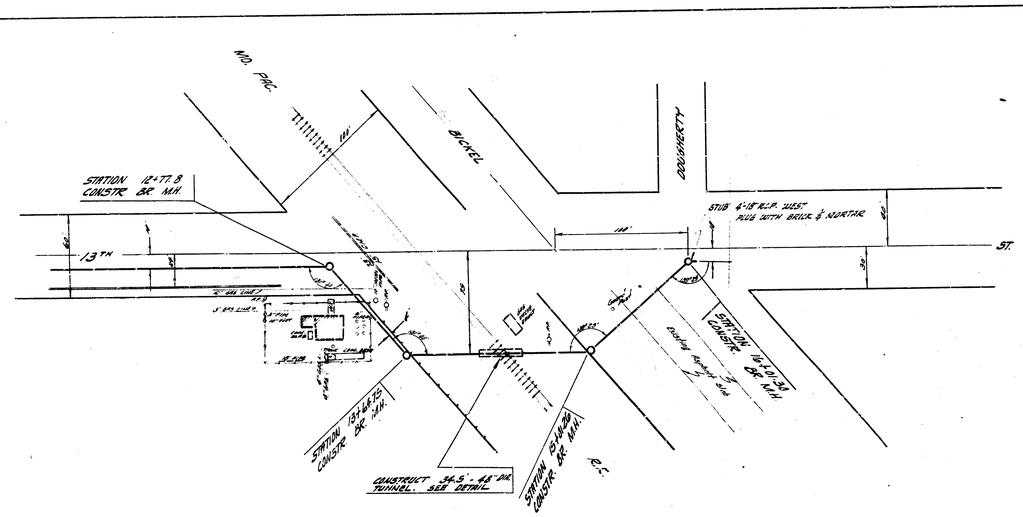
Scale: 1" = 20'

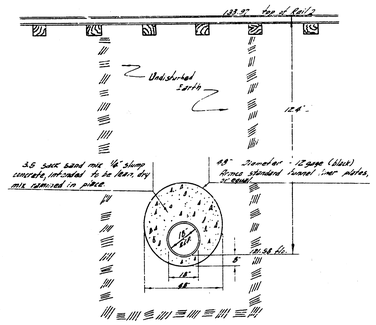


4/7

13TH ST.
W.L. BICKEL TO W.L. WEST
PROJ. C19-16

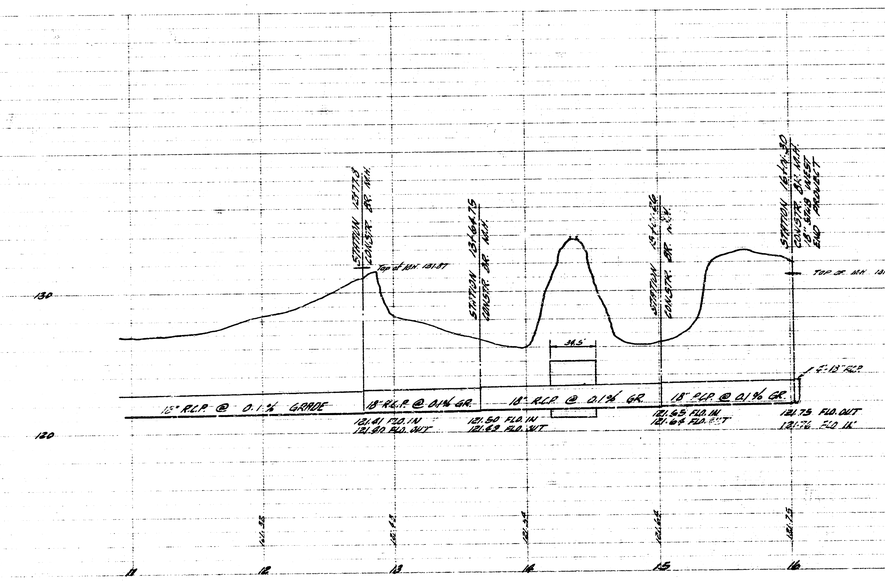

NOTE:
Bid price of sand fill is to include cost of flushing where sand fill is used. If excavated material is suitable for backfill, lineal ft. of flushing will be paid.
N
SURVEY BY
DRAWN BY
CHECKED BY
DATE
STATION 0+00
EXISTING M.H.
20 LIN. FT.
EXISTING 18" R.C.P.
13TH
ST.
WEST
STATION 0+75.36
EXISTING M.H.
STATION 4+20
CONSTR. BR. M.H.
STATION 10+71
CONSTR. BR. M.H.
FLO. IN 121.80
FLO. OUT 122.00
T.C. 126.47
PLAN SCALE 1" = 40'
PROFILE SCALE 1" = 40' HOR., 1" = 4' VERT.
ON S.W. COR. 13TH AND WEST
STATION 0+30
EXISTING M.H.
STATION 0+75.36
EXISTING M.H.
STATION 0+85.36
BEGIN PROJECT
Top of M.H. 126.43
Top of M.H. 126.12
EXISTING 18" R.C.P.
18" R.C.P. @ 0.20 % GRADE
18" R.C.P. @ 0.2 % GRADE
120.08 FLO.
121.19 FLO.
119.25 FLO. IN
118.72 FLO. OUT
119.41 FLO. IN
119.40 FLO. OUT
119.43 FLO.
120
110
0
1
2
3
4
5
6
7
8
CONNECTION WITH
ST.
WEST ST.
KANSAS





CROSS SECTIONAL VIEW OF STORM SEWER CROSSING MO. PAC. R.R. @ 13TH ST.
NO SCALE

NOTE:
Bid price of lined 48" dia. RCP tunnel to include field cost of tunnel installation complete in place, and concrete backfill in tunnel.



(2/2) INCIDENTAL DRAINAGE, 13TH ST.
PROJECT NO. C. 13-16

10 8 1. (2)