RECONSTRUCTION OF A PORTION OF
LATERAL 32
SANITARY SEWER NO. 20

PROJECT NO.
468-76-245-81333-000-000-001

CITY OF WICHITA, KANSAS

MIKE LINDEBAK, CITY ENGINEER

MARCH, 1984

1" = 3 Built
J.L.L
3/85

GENERAL NOTES

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY OWNERS TO FIELD LOCATE UTILITY PRIOR TO EXCAVATION.
2. SERVICE LINE LOCATIONS AND QUANTITIES ARE APPROXIMATE AND ARE FROM EXISTING CITY RECORDS. CONTRACTOR SHALL TELEVISE ALL SLIPLINED OR NEW SEWER REPLACEMENT TO VERIFY LOCATIONS OF ACTIVE SERVICE LINES. ONLY ACTIVE SERVICE LINES ARE TO BE RECONNECTED.
3. TELEVISION TAPES AND LOGS OF SEWERS TO BE SLIPLINED OR REPLACED ARE AVAILABLE FROM THE CITY SEWER MAINTENANCE DIVISION.
4. ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM. CITY DATUM: 0 = 1287.0 USCS.
5. IF DAMAGED DURING CONSTRUCTION, EXISTING MANHOLES, SEWER LINES, AND OTHER APPURTENANCES TO REMAIN IN SERVICE SHALL BE REPAIRED TO ORIGINAL CONDITION.
6. [illegible] SEWER.
7. CONTACT SANTA FE RAILROAD (283-7517) PRIOR TO BEGINNING OF CONSTRUCTION.
8. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NOTE: CONTRACTOR'S METHOD FOR HANDLING SEWAGE FLOWS DURING CONSTRUCTION OF THIS PROJECT SHALL BE AS APPROVED BY THE ENGINEER. ONLY ACTIVE BUILDING SEWER LINES WHICH CONNECT ACTUAL BUILDINGS TO THE SEWER SYSTEM ARE TO BE RECONNECTED TO THE NEW SEWER CONSTRUCTION. BUILDING SEWER LINES AND/OR CONNECTIONS WHICH HAVE BEEN ABANDONED ARE NOT TO BE RECONNECTED TO THE NEW SEWER CONSTRUCTION. IT WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN WHICH BUILDING SEWER LINES AND/OR CONNECTIONS ARE ACTIVE AND WHICH SUCH SEWERS AND/OR CONNECTIONS HAVE BEEN ABANDONED. ALL WORK INVOLVED WITH BUILDING SEWER CONSTRUCTION AND/OR BUILDING SEWER CONNECTIONS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS.

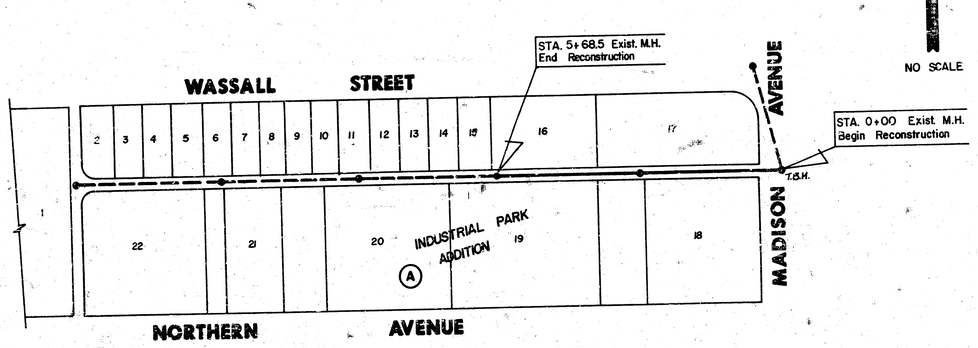
CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS AFFECTED BY THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF 24 HOURS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.

NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY TRENCHING:

AMERICAN TELEPHONE COMPANY	942-8350
BELL TELEPHONE COMPANY	268-2256
CABLEVISION	269-3340
GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	261-6375
KAN-O-TEX-TEL	267-2889

NOTE: ALTERNATE II SPOT REPAIRS SHALL CONSIST OF REMOVING APPROXIMATELY 10± LINEAL FEET OF EXISTING PIPE AND INSTALLING 10± LINEAL FEET OF NEW 8" V.C.P. AT THE FOLLOWING LOCATIONS:

STATION 2 + 37±
STATION 2 + 97±
STATION 3 + 26±
STATION 3 + 77±



NO SCALE

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN AND PROFILE

BENCH MARKS

T.B.M.#1 - Sta. 0+00 Existing Manhole Rim
ELEVATION = 92.90

B.M.#2 - City Std. Southeast corner Hydraulic & Wassell
ELEVATION = 93.07

MICHAEL D. HARDING
LICENSED
9399
KANSAS
PROFESSIONAL ENGINEER

SANITARY SEWER RECONSTRUCTION OF A PORTION OF LATERAL 32 SANITARY SEWER 20

Design
Drawn by
Checked by
Date 1984
Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
240 NORTH ROCK ROAD
SUITE 130
WICHITA, KANSAS 67206
682-6561

Sheet 1 of 2

RECONSTRUCTION OF A PORTION OF
LAT. 32 SAN. SEWER NO. 20
PROJ. NO. 468-76-245-81333-000-000-001

As Built
J.L.L
3/85

Scale: 1"=20'

N

Removal and replace 2 sq's. 7" conc. Alley.

Saw Jnt. Key Jnt. 8"I.D. Saw Jnt.

REMOVAL DETAIL - 8" SEWER REPAIR

STA. 2+84.5 - EXSTG. MANHOLE
NOTE: REMOVE AND RECONST. WITH TYPE 'B' MANHOLE (ALT. 1 RECONSTRUCTION ONLY)

STA. 3+63 & RXR TRACKS (30')
NOTE: BORE AND JACK IN THIS AREA (ALT. 1 RECONSTRUCTION ONLY)

Sta. 0+00 Exist. M.H.
Begin Reconstruction
T.B.M. = 92.90

Sta. 5+68.5 Exist'g. M.H.
End Reconstruction

MADISON AVENUE

Existing Storm Water Sewer & Inlets

Exist. Drive

Existing 8" Sanitary Sewer Line

Exist. Asph. Drive

Existing Concrete Alley

Exist. 8" San. Sewer Line

End of Spur Track

2'x2' Area Inlet

2'x2' Area Inlet

LOT 18

LOT 17

LOT 16

Lot 19

Bldg.

Santa Fe R.R.

41' Exist. Bk-Bk Pvmt.

60' R/W

NOTE: INFORMATION AS TO LOCATION OF BUILDING LEADS & SPOT REPAIRS FROM CITY OF WICHITA (VIDEO TAPE NO. C138) 12-06-83

REMOVE AND REPLACE -(2) 2'x2' AREA INLETS ALT. 1 RECONSTRUCTION ONLY

- LEGEND -
↑ - BUILDING LEAD
▲ - SPOT REPAIR
(H) - HOLE
(M) - MISSING TILE

TBM = Existing San. Sewer M.H. Rim Sta. 0+00 Elev. = 92.90

Profile Scale: 1" = 80' Horiz. 1" = 5' Vert.

Sta. Reconstruction Begin Exist. Sewer Line Exist. M.H. Top of Rim = 92.90

Sta. 2+84.5 Exist. Line Existing M.H. Top of Rim = 88.15

Sta. 3+30.1 Exist. Storm Inlet Top Elev. = 92.03 Lt. Elev. = 88.00

Sta. 3+63 Lt. Railroad Spur Elev. = 88.44

Sta. 3+95 Exist. Storm Inlet Top Elev. = 90.00 Lt. Elev. = 90.00

Sta. 5+68.5 Exist. Line Existing M.H. Top of Rim = 92.40 End Reconstruction

Existing Concrete Pavement

284.5 L.F. - Existing 8" VCP @ + 0.155%

284 L.F. - Existing 8" VCP @ 0.053%

ALTERNATE I
Remove existing pipe and install 284.5 lineal feet of 8" V.C.P. @ 0.10376%

ALTERNATE II
Install 284.5 lineal feet of 'Insituform Liner' in existing 8" V.C.P.

Note:
Rehabilitation / Manholes to be completed in connection with:
Alt #1 Sta. 0+00 and 5+68.5
Alt #2 Sta. 0+00, 2+84.5 and 5+68.5

Elevations: 95, 90, 85

0 1 2 3 4 5

GM.K.E.C.

2/2 2/3