CONSTRUCTION PLANS FOR

# LATERAL 176

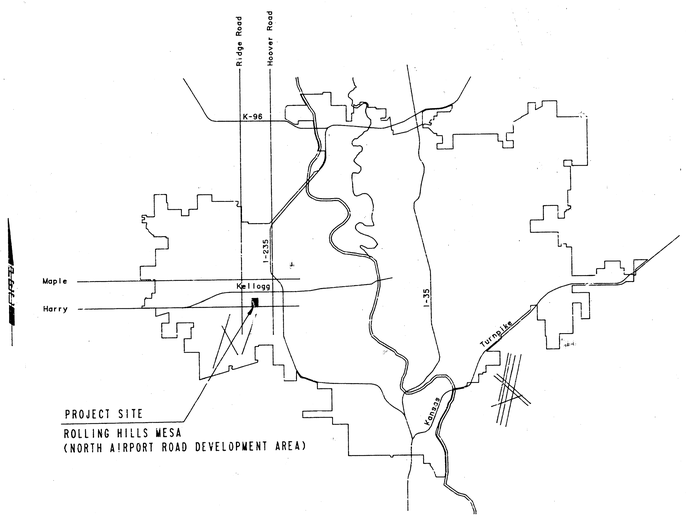
OF THE

# SOUTHWEST INTERCEPTOR SEWER

## THE CITY OF WICHITA,

SEDGWICK COUNTY, KANSAS

MICHAEL E. LINDEBAK, P.E. CITY ENGINEER




LOCATION MAP

As Built 9-85 gpk

INDEX OF SHEETS

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CITY OF WICHITA PROJECT NO. 468-76-245-81189-000-000-001

## APRIL, 1985

PLANS PREPARED BY

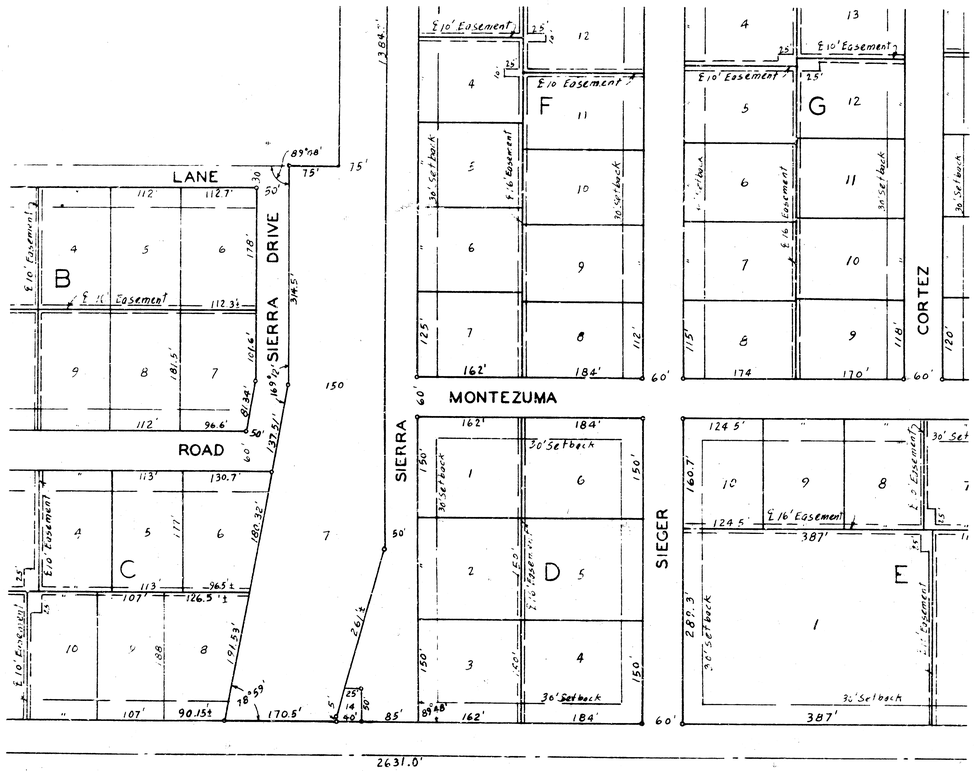
## PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

ENGINEERS

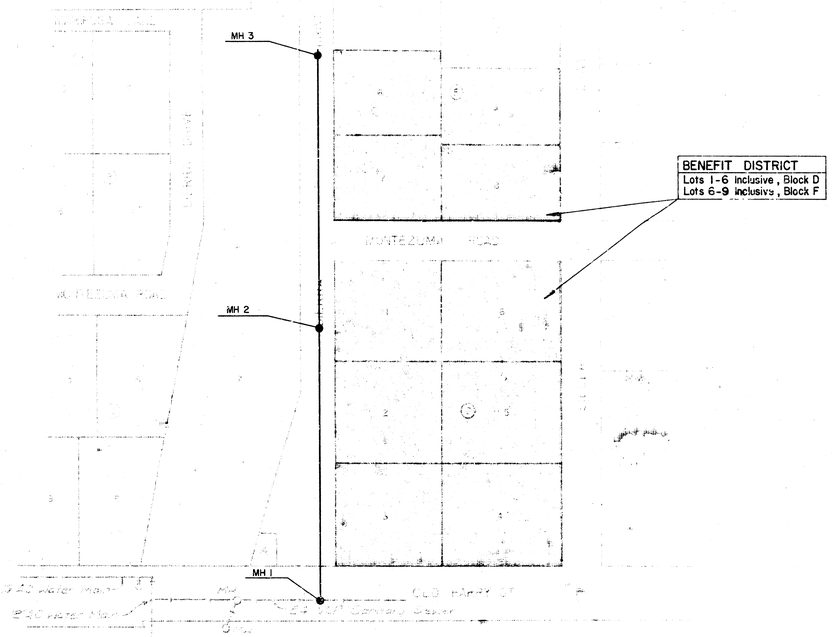
WICHITA, KANSAS

BRUCE D. REINSBORO LICENSED 7992 PROFESSIONAL KANSAS ENGINEER

# ROLLING HILLS MESA
## SEDGWICK COUNTY, KANSAS




1"=100'
o=IRON




Scale: 1"=100'

### GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
2. ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM (USGS-1787.4 = CITY DATUM).
3. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHTS AND WEEKENDS TO LESS THAN 50 FEET.
4. AT LEAST 48 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA: GAS SERVICE COMPANY, K.G. & E., THE WICHITA WATER DEPARTMENT, AND AIR CAPITAL CABLEVISION.
5. PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE DIRECTOR OF AIRPORT ENGINEERING AND PLANNING, OF THE WICHITA AIRPORT AUTHORITY (MR. MONROE FUNK, 946-4715) AND REQUEST THAT ALL PRIVATELY OWNED BURIED UTILITIES WITHIN THE PROJECT AREA BE FLAGGED.
6. THE CONTRACTOR MUST ALSO NOTIFY THE TELEPHONE COMPANY AT (913) 571-2115 48 HOURS PRIOR TO BEGINNING EXCAVATION AND REQUEST THAT ANY LINES WITHIN THE PROJECT AREA BE FLAGGED.
7. THE BURIED UTILITIES AS LOCATED ON THE PLANS ARE APPROXIMATE LOCATIONS ONLY. IT SHOULD BE NOTED THAT OTHER BURIED LINES AND CABLES MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES. ANY LINES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES, AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE OTHER ITEMS OF WORK.
10. ALL EXCESS EXCAVATED MATERIAL FROM THIS PROJECT SHALL BE WASTED ON SITE. NO EXCESS MATERIAL SHALL BE PLACED WITHIN STREET RIGHTS-OF-WAY. THE CONTRACTOR SHALL CONTACT THE WICHITA AIRPORT AUTHORITY REPRESENTATIVE FOR INFORMATION PERTAINING TO ACCEPTABLE LOCATIONS FOR THE DISPOSITION OF WASTE MATERIAL. WASTE MATERIAL SHALL BE BLADED SMOOTH AND SLOPED TO DRAIN. THIS WORK SHALL BE SUBSIDIARY TO OTHER BID ITEMS.
11. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
12. WHERE CONNECTION TO AN EXISTING SEWER IS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SANITARY SEWAGE THROUGH CONSTRUCTION. CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING FLOW SHALL BE APPROVED BY THE ENGINEER. COST OF MAINTAINING FLOW THROUGH CONSTRUCTION WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK.
13. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE EXISTING SANITARY SEWER WHERE MANHOLE CONSTRUCTION IS PROPOSED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF IT APPEARS NECESSARY TO ADJUST THE PROPOSED HORIZONTAL OR VERTICAL LOCATIONS.
14. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE PROPOSED MANHOLE TOP ELEVATIONS WITH THE WICHITA AIRPORT AUTHORITY PRIOR TO BEGINNING CONSTRUCTION. (MR. MONROE FUNK, 946-4715)

BRUCE D. REAUSCHEL LICENSED 7992 KANSAS PROFESSIONAL ENGINEER

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

LATERAL 176 OF THE
SOUTHWEST INTERCEPTOR SEWER

# KEY MAP

MICHAEL E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-81189-000-000-001

**PROFESSIONAL ENGINEERING CONSULTANTS, P.A.**
ENGINEERS
WICHITA, KANSAS

| | | |
|---|---|---|
| Designed by BDR, RFJ | Job No. 34-85118 | Sht. 2 of 3 |
| Drawn by DMM | Date April, 1985 | |

2/3

Sta. 0+00.0*
Const. MH 1 on exist. 24" VCP
Outside drop MH Type B or B (5' Dia.)

Sta. 4+00.0
Const. MH 2
Standard MH Type B or C

Sta. 8+00.0
Const. MH 3
Standard MH Type B or C

Future buried utilities by others

CAUTION !!
Buried Utilities

CAUTION !!
Buried Tele. Cable

Future buried utilities by others

Remove & Reset 18" RCP

Remove and replace Gravel Roadway as shown

Install 400.00 L.F. 8" VCP Pipe

Gravel Roadway to be abandoned by others

Install 400.00 L.F. 8" VCP Pipe

Install 1-8" Stub and plug

CAUTION !!
Wichita Airport Authority Telephone Cable to be rerouted as necessary

Tentative lease line and planned development by others

Bench Mark - R.R. Spike in West face Light Pole at N.E. corner of Sierra & Montezuma
Elev. = 128.25

*Prior to beginning construction the Contractor shall excavate and verify the horizontal and vertical location of the existing 24" VCP sanitary sewer at proposed MH 1. The Contractor shall notify the Engineer immediately if it appears that adjustments to the plan location or grade are necessary

SCALE
PLAN: Lat. & Long. 0 40 80
PROFILE: Horiz. same as above
Vertical 5 0

As Built 9-85 JBB

BRUCE D. RENSBERG LICENSED KANSAS PROFESSIONAL ENGINEER 7992

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / NOTE BOOK / NO. / BY / DATE

PROFILE — PLOTTED / PLOTTED, CHECKED / NOTE BOOK / NO. / STRUCTURE NO. (TYP.) / BY / DATE

MH 1 Top Elev. = 127.41
MH 2 Top Elev. = 130.319
MH 3 Top Elev. = 130.870

Future Ground (by others)
Existing Ground

E out = 112.55
E in = 112.85
E = 117.25
E = 117.55
E = 118.33
E = 118.75
E = 119.15
E = 119.55
E = 119.95
E = 120.35
E = 120.75
E = 120.95

400.0 L.F. 8" VCP Pipe @ 0.40%
400.0 L.F. 8" VCP Pipe @ 0.40%

0+00 1+00 2+00 3+00 1+00 5+00 6+00 7+00 8+00

135 130 125 120 115 110

PLATE 1 PLAN PROFILE (U.S.C. & G.S. STANDARD)
EUGENE DIETZGEN CO.

CITY OF WICHITA, KANSAS
LATERAL 176
OF THE
SOUTHWEST INTERCEPTOR SEWER
MICHAEL E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-81169-000-000-001

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS
Designed by BDR, RFU
Drawn by DMM
Job No. 34-85118
Date April, 1985
Sht. 3 of 3

3/3