LEGEND

REINFORCED CONCRETE PVMT. REMOVAL AND REPLACEMENT

WATER LINE CONSTRUCTION BY OTHER THAN OPEN CUT

STRIP MALL

SHORT SERVICES
STA. 0+12, STA. 0+13, STA. 0+15, STA. 1+86, STA. 1+90, STA. 1+92, STA. 4+00 & STA. 4+01
FURNISH & INSTALL
2 INCH OUTLET
10 L.F. COPPER WATER LINE BY OPEN CUT
CONNECT TO EXISTING WATER METER, INCLUDING ALL FITTINGS & NEW METER BOX

LONG SERVICES
STA. 1+53, STA. 1+54, STA. 2+60, STA. 2+61, STA. 2+62, STA. 2+63, STA. 2+64 STA. 2+65, STA. 3+93.5, STA. 3+94 STA. 3+94.5, STA. 4+88, STA. 4+89 & STA. 4+91
FURNISH & INSTALL
2 INCH OUTLET
CONNECT TO EXISTING SERVICE LINES
NO NEW SERVICE LINES REQUIRED UNDER PAVEMENT.

INSTRUMENT TECH CORP.
15060 BELTWOOD PKWY.

BELTLINE ROAD

BELTWOOD PARKWAY

MATCH LINE STATION 6+00

B.M.
EX. 24" R.C.P.
TRAF. BOX
NANDINAS
BOXWOODS
14" OAK
HOLLY
2" POLY
2-W.M.
1/2"I.P.F.
6-W.M.
3-W.M.
3/8"I.P.F.
GAS
VAULT
SIGN
POST
1"BRADFORD PEAR
8" OAK
2"BRADFORD PEAR
3"BRADFORD PEAR
6" OAK
EXIST. 30" R.C.P.
EX. 8" SAN. SEW.
S.S.M.H.
C.O.
CREPEMYR.
SPK. HD.
SPK. VAL. BOX
F.H.
W.V.
EX. 8" W. L.
SYY. PT.1
SYY. PT.2
0+00
1+00
2+00
3+00
4+00
5+00
6+00

REMOVE 37 S.Y. OF EXIST. CONC. PVMT. REPLACE WITH 37 S.Y.
10 INCH REINF. CONC. PVMT.
105 L.F. CONC. SAW CUT (FULL DEPTH)
105 L.F. LONGITUDINAL BUTT JOINT

STA. 0+65
FURNISH & INSTALL
1-8"x6" TEE
1-STD. FIRE HYDRANT
1-6" GATE VALVE
5 L.F. 6" W.L.
CONNECT TO PROP. W.L.

STA. 0+18
FURNISH & INSTALL
1-8" GATE VALVE

4' SLEEVE FOR IRRIGATION

1" SERVICE FOR IRRIGATION

REMOVE 41 S.Y. OF EXIST. CONC. PVMT. REPLACE WITH 41 S.Y.
8 INCH REINF. CONC. PVMT. INCLUDING FULL DEPTH CONC. SAW CUT & DOWELS

2" SERVICE CONNECTION

1-1/2" SERVICE CONNECTION

42 L.F. 8" W.L. BY OTHER THAN OPEN CUT

STA. 2+18

STA. 2+60

SEE SHEET NO. 3 FOR PROPOSED LANDSCAPING ALONG BELTWOOD PARKWAY.

REMOVE 38 S.Y. OF EXIST. CONC. PVMT. REPLACE WITH 38 S.Y.
8 INCH REINF. CONC. PVMT. INCLUDING FULL DEPTH CONC. SAW CUT & DOWELS

STA. 3+65
FURNISH & INSTALL
1-8" GATE VALVE
1-8"x6" TEE
1-STD. FIRE HYDRANT
1-6" GATE VALVE
5 L.F. 6" W.L.
CONNECT TO PROP. W.L.

1" SERVICE CONNECTION

STA. 4+36
FURNISH & INSTALL
4 - 6" 90° BENDS
1-8"x6" TEE
1-6" GATE VALVE
CONNECT TO EXIST. W.L.
FIELD VERIFY EXIST. W.L. TO DETERMINE TEE SIZE AND GATE VALVE SIZE

PROPOSED 8 INCH P.V.C. WATER LINE

STA. 3+50
FURNISH & INSTALL
1-8" GATE VALVE

2" SERVICE CONNECTION

REMOVE 40 S.Y. OF EXIST. CONC. PVMT. REPLACE WITH 40 S.Y.
8 INCH REINF. CONC. PVMT. INCLUDING FULL DEPTH CONC. SAW CUT & DOWELS

4' TO BACK OF CURB TO ℄ OF PROP. W.L.

1-1/2" SERVICE CONNECTION

MACOLLAH SERVICE CENTER

2-8" OAK
2-6" OAK
PIPE
CREPEMYR.

T.V. BURIED CABLE LOCATE IN FIELD BY ADDISON

G.E. CAPITAL FLEET SERVICES
15051 BELTWOOD PKWY.

CUT & PLUG

STA. 0+00
CONNECT TO EXISTING WATER VALVE. SEE SPECIFICATION SP.13 FOR CONSTRUCTION HOURS IN BELT LINE ROAD.
FURNISH & INSTALL
4 - 8" 90° BENDS
PLUG EXIST. W.L. (SOUTH)

WARNING
S.W. BELL SINGLE BURIED TELEPHONE CABLE
900 PAIR-36" TO 42" DEEP
CALL 1-800-344-8377
72 HOURS BEFORE DIGGING

WARNING
LONE STAR GAS LINE
NOTIFY LONE STAR GAS 72 HOURS PRIOR TO EXCAVATION IN IN THE VICINITY OF STA. 2+55

NOTE:
1. EXISTING WATER LINE SHALL REMAIN IN SERVICE DURING CONSTRUCTION OF NEW WATER LINE BETWEEN STA. 0+18 STA. 10+35. THE NEW LINE SHALL BE TESTED AND STERILIZED FROM THE SOUTH PRIOR TO CONNECTION TO 24" LINE IN BELT LINE ROAD.
2. CONTRACTOR SHALL KEEP ONE OF THE TWO DRIVEWAYS TO G.E. CAPITAL FLEET SERVICES OPEN AT ALL TIMES. TEMPORARY ACCESS CAN BE STEEL PLATE OR BACKFILL WITH 2" H.M.A.C. SURFACE.
3. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS, TOWN OF ADDISON AND FIRE THE DEPT. PRIOR TO TRANSFER OF WATER SERVICES TO PROPOSED WATER MAIN.

FIELD CHANGE NO. 1
1. ESTABLISH GRADE TO KNOWN BENCH MARK THAT IS TIED TO U.S.G.S

TABLE OF COORDINATES			
POINT	NORTH	EAST	ELEVATION
PT#1	5000.0000	5000.0000	626.75
PT#2	4668.1012	5088.9320	623.50
PT#391	4163.6763	5134.5572	621.32
STA. 2+00	4845.8698	5048.2765	–
STA. 4+00	4646.6818	5066.2808	–

B.M. "□" CUT IN CENTER OF INLET, SOUTH SIDE OF BELTLINE RD. 50± FT. EAST FROM THE CENTER OF BELTWOOD PKWY.
ELEV. 627.74

HORIZONTAL 0 20 40 60
SCALE IN FEET

These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Shimek, Jacobs & Finklea, L.L.P.

634 630 626 622 618 614 610

STA. 0+00 F.L. 622.34
F.L. 620.50
P.V.I. STA. 1+20 F.L. 620.10
F.L. 619.72
GAS LINE DEPTH UNKNOWN
F.L. 619.24
F.L. 618.76
P.V.I. STA. 4+72.83 F.L. 618.41
F.L. 618.21
F.L. 617.47

PROP. HORZ. BEND
EXIST. 24" R.C.P. VERIFY IN FIELD
PROP. HORZ. BEND
EXIST GROUND LINE

8" ON -1.8% ±
8" ON -0.48%
8" ON -0.74%

218 L.F. 8" AWWA C900 P.V.C. WATER LINE INCLUDING EMBEDMENT
42 L.F. 8" AWWA C900 P.V.C. WATER LINE BY OTHER THAN OPEN CUT
340 L.F. 8" AWWA C900 P.V.C. WATER LINE INCLUDING EMBEDMENT

REVISED TO CONFORM TO CONSTRUCTION RECORDS
BY JWB DATE 8/26/97

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
DATE: 12/16/97

STATE OF TEXAS
JOHN W. BIRKHOFF
54137
REGISTERED PROFESSIONAL ENGINEER

TOWN OF ADDISON, TEXAS

BELTWOOD PARKWAY
WATER LINE REPLACEMENT
PLAN–PROFILE STA. 0+00 TO STA. 6+00

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 96104	SHEET NO. 1
DRAWN BY: R.J.L.	DATE: NOV., 1996	OF 12 SHEETS

8/26/97 KAB SCALE: 1=20 PROF-1

FIELD CHANGE NO.1 12/16/96 [1]

PLAN-1.DWG