

INSTALL 8" AWWA C-909 PVC WATER MAIN
 ABANDON EX. 8" WATERLINE IN PLACE
 REMOVE EX. 8" SAN. SEWER FORCE MAIN
 FROM STA 1+72 TO STA 14+30

CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO KEEP SERVICE LINE OUT OF TREE DRIPLINE

REMOVE AND SALVAGE EXISTING FH AND VALVE STACK & CAP.

CUT & PLUG EX. 8" WATER LINE

STA 15+36
 CONNECT TO EX. 8" WATER
 INSTALL:
 1-8" X 8" TAPPING SLAVE AND VALVE.

REMOVE AND SALVAGE EXISTING FH AND VALVE STACK & CAP.

CAUTION !!!
 THE CONTINUATION OF THE 6" SAN. SEWER IS NOT KNOWN BEYOND THIS POINT

2" WATER SERVICE BY BORING, CONNECT TO EX. METER

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CAUTION !!!
 EXACT LOCATION OF SAN. SEWER SERVICE CONNECTION NOT KNOWN

CONTRACTOR TO LOCATE FIBER OPTIC PRIOR TO SERVICE BEING BORED.

STA 15+19, P.I.
 INSTALL:
 1-8" 45° HORIZ. BEND
 Δ = 45° LT

CURVE #1 DATA
 PC STA 9+69.7
 PT STA 10+69.3
 R = 422.0'
 Δ = 13.53°
 L = 99.6'
 T = 50.1'

LINDBERGH DR.

PROP. 8" WATER

PROP. 8" WATER

SAWCUT, REMOVE, & REPLACE EX. CONC. PAVEMENT.

CUT & PLUG ABANDONED 8" FORCE MAIN

CURVE #2 DATA
 PC STA 12+51.5
 PT STA 14+29.6
 R = 309.0'
 Δ = 33.03°
 L = 178.1'
 T = 91.6'

STA 14+29.6 P.I.
 INSTALL:
 1-8" 90° HORIZ. BEND
 Δ = 90° LT

STA 12+66
 INSTALL:
 1-8" VALVE
 1-8" X 6" TEE
 1-6" VALVE
 1-FIRE HYDRANT
 10 L.F. OF 6" AWWA C-909 PVC WATERLINE

REMOVE EX. VAULT AND VAULT CONTENTS. (NO SEPARATE PAY ITEM FOR REMOVAL), PAYMENT FOR REMOVAL SHALL BE INCLUDED IN UNIT BID PRICE FOR NEW VAULT CONSTRUCTION.

CONTRACTOR IS RESPONSIBLE FOR WORKING WITH UTILITY COMPANIES TO HAVE CONFLICTING UTILITIES ADJUSTED FOR NEW FIRE VAULT CONSTRUCTION. (NO SEPARATE PAY ITEM)

STA 10+40
 INSTALL:
 1-8" X 8" TEE
 1-8" VALVE
 CONSTRUCT NEW 8" FIRE VAULT PER STD DETAIL SHEET. CONNECT TO EX. 8" FIRELINE.

STA 9+69.7 & 9+70.7
 INSTALL:
 2-45° HORIZ. BENDS
 CUT AND PLUG ABANDONED 8" FORCE MAIN

ADDISON AIRPORT INDUSTRIAL DISTRICT
 VOLUME 30 PAGE 207
 CITY PLAT RECORDS

NOTICE !!!
 CONTRACTOR SHALL WIDEN TRENCH AS NEEDED TO ADJUST THE ALIGNMENT OF THE WATERLINE TO AVOID THE UNDERGROUND TELEPHONE AS NECESSARY AND AS DIRECTED BY THE ENGINEER (NO SEPARATE PAY ITEM)

CAUTION !!
 EXISTING GAS SERVICES ARE PRESENT, LOCATION NOT KNOWN

NOTICE !!
 THE CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

NOTICE !!
 THE CONTRACTOR SHALL MAINTAIN WATER SERVICE AT ALL TIMES DURING CONSTRUCTION.

NOTICE !!
 THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT ALL OVERHEAD UTILITIES FROM DAMAGE. REPAIR OF DAMAGED UTILITIES WILL AT THE CONTRACTOR'S OWN EXPENSE.

- LEGEND
- E - OVERHEAD ELECTRIC
 - EA - EDGE ASPHALT
 - FO - FIBER OPTICS
 - G - GROUND
 - GB - GRADE BREAK
 - GU - GUTTER
 - T - OVERHEAD TELEPHONE
 - TC - TOP OF CURB
 - UE - UNDERGROUND ELECTRIC
 - UG - UNDERGROUND GAS
 - UT - UNDERGROUND TELEPHONE
 - US - UNDERGROUND SANITARY SEWER
 - UW - UNDERGROUND WATER
 - XARMS - CROSSARMS
 - - - PROPOSED WATER MAIN
 - ▭ - PAVEMENT REPLACEMENT
 - ▨ - PAVEMENT REPLACEMENT WITH CLASS "K" CONCRETE

- BENCHMARKS:
- BM#12 = SQUARE CUT ON HEADWALL NORTH OF RAILROAD, EAST SIDE OF MIDWAY (SOURCE DATUM, TOWN OF ADDISON BENCHMARKS). ELEV. = 617.77
 - BM#15 = SQUARE CUT ON INLET NE CORNER MIDWAY & WILEY PKY. (SOURCE DATUM, TOWN OF ADDISON BENCHMARKS). ELEV. = 631.48
 - TBM-A = SQUARE CUT ON TOP OF CURB ON MEDIAN NOSE SOUTH SIDE OF INTERSECTION OF LINDBERGH AND MIDWAY. ELEV. = 621.65
 - TBM-B = RAILROAD SPIKE IN POWER POLE ON SOUTH SIDE OF LINDBERGH APPROXIMATELY 44' EAST OF CENTERLINE MIDWAY. ELEV. = 626.78
 - TBM-C = SQUARE CUT AT NORTHEAST CORNER OF CURB INLET ON SOUTH SIDE OF LINDBERGH ACROSS FROM 4431 LINDBERGH (MIDWAY PRESS, INC.). ELEV. = 625.78

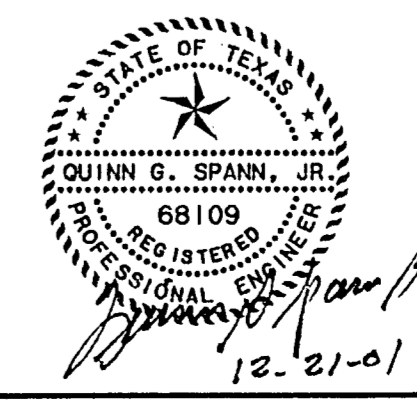
TOWN OF ADDISON, TEXAS
 ENGINEERING DEPARTMENT
 LINDBERGH WATER MAIN
 REPLACEMENT

STA 9+50 TO STA 15+22

GUTIERREZ, SMOUSE, WILMUT & ASSOC.
 CIVIL / ENVIRONMENTAL ENGINEERS
 1117 SHADY TRAIL • DALLAS, TEXAS • 75201

DESIGN: GSW
 DRAWN: GSW
 APPROVED: GCS
 DATE: DEC. 2001

SCALE: H 1" = 20'
 SHEET: 6 OF 6



Plt Driver: DFW.plt
 Date: December 14, 2001 5:15PM
 Project: Town of Addison "Lindbergh Dr. Waterline Replacement"