

GENERAL NOTES

1. TRAFFIC CONTROL & TRAFFIC CONTROL DEVICES USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE INFORMATION IN THE PLANS, SPECIFICATIONS, AND THE MOST RECENT VERSION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
2. CONTRACTOR SHALL USE EXTREME CAUTION IN LOCATING AND PROTECTING ALL UTILITY SERVICE LINES.
3. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE & FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT PRECLUDE THE EXISTENCE OF OTHER UNDERGROUND FACILITIES WHICH ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS TO ARRANGE FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

UTILITY	TELEPHONE
ONCOR	(214) 875-2256
WORLD/COM/MCI	(972) 656-5519
TELE-CABLE	(214) 578-7573
DIG-TESS	1-800-344-8377
SOUTHWESTERN BELL TELEPHONE	(214) 920-0189
AT&T	(972) 907-4073

4. THE CONTRACTOR SHALL MAINTAIN EXISTING SERVICES AND EXISTING WATER MAINS THROUGHOUT CONSTRUCTION. AFTER THE PROPOSED WATER MAIN HAS BEEN TESTED AND APPROVED BY THE ENGINEER, THE CONTRACTOR SHALL TRANSFER ALL EXISTING METERED SERVICES. NO SERVICE SHALL BE INTERRUPTED FOR A PERIOD LONGER THAN SIX (6) HOURS. ALL SERVICES SHALL BE 2" UNLESS OTHERWISE NOTED ON THE PLANS.
5. THE ENGINEER WILL PROVIDE ON THE PLANS HORIZONTAL CONTROL IN THE FORM OF GRID REFERENCE POINTS AND/OR BEARINGS AND DISTANCES AND VERTICAL CONTROL IN THE FORM OF BENCHMARKS. FROM THE CONTROLS PROVIDED ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE LAYOUT OF THE WORK AND FOR ESTABLISHING LINES AND ELEVATIONS AS NEEDED DURING CONSTRUCTION. THE CONTRACTOR SHALL FURNISH AT HIS OWN EXPENSE LABOR, INCLUDING THE SERVICES OF COMPETENT PERSONNEL, EQUIPMENT, INCLUDING ACCURATE SURVEYING INSTRUMENTS, STAKES, TEMPLATES, PLATFORMS, TOOLS, AND MATERIALS AS MAY BE REQUIRED FOR LAYING OUT ANY AND ALL PARTS OF THE WORK. ALL WORK ASSOCIATED WITH CONSTRUCTION LAYOUT SHALL BE SUBSIDIARY TO THE VARIOUS CONSTRUCTION PAY ITEMS IN THE CONTRACT.
6. THE CONTRACTOR SHALL PRESERVE ALL EXISTING PAVEMENT, SHOULDERS, DRIVEWAYS AND SIDEWALKS. THE REMOVAL AND REPLACEMENT OF THE SAID ITEMS SHALL ONLY BE DEEMED NECESSARY IN ORDER TO COMPLETE THE PROJECT OR AS DIRECTED BY THE ENGINEER. ANY DAMAGE NOT DEEMED NECESSARY BY THE ENGINEER FOR THE COMPLETION OF SAID PROJECT SHALL BE REPLACED TO EQUAL OR BETTER CONDITIONS AS A NON-PAY ITEM.
7. THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITY POLES, LIGHT POLES, SIGNALS, AND GUY WIRES. (NO SEPARATE PAY ITEM)
8. THE CONTRACTOR SHALL PRESERVE ALL TREES, SHRUBS, SPRINKLER SYSTEMS, FENCES, MAIL BOXES AND OTHER PROPERTY OWNER IMPROVEMENTS NOT NOTED FOR REMOVAL. THE REMOVAL AND/OR REPLACEMENT OF THE SAID PROPERTY OWNER IMPROVEMENTS BY THE CONTRACTOR DEEMED NECESSARY FOR THE COMPLETION OF SAID PROJECT SHALL BE REPLACED TO EQUAL OR BETTER CONDITIONS AS A NON-PAY ITEM UNLESS A PAY ITEM EXISTS FOR THE SPECIFIC IMPROVEMENT.
9. THE CONTRACTOR SHALL GIVE THE CITY, RESIDENTS, AND BUSINESSES AFFECTED BY ANTICIPATED WATER OR SEWER SERVICE DISRUPTIONS AT LEAST FORTY-EIGHT (48) HOURS PRIOR NOTICE.
10. DUCTILE IRON FITTINGS REQUIRED TO PROPERLY INSTALL THE PROPOSED WATER LINES ON THIS PROJECT SHALL BE MEASURED SEPARATELY, AND SHALL BE PAID FOR UNDER A SEPARATE PAY ITEM PER TON.
11. ALL EXISTING FIRE HYDRANTS WITHIN THE LIMITS OF THE PROJECT, SHALL BE SALVAGED AND DELIVERED TO THE TOWN OF ADDISON PUBLIC WORKS YARD AT 16801 WESTGROVE BY THE CONTRACTOR. (NO SEPARATE PAY ITEM)
12. ALL EXISTING WATER VALVES SHALL BE ABANDONED ON ALL KILLED WATER MAINS PER VALVE ABANDONMENT DETAIL. VALVE COVERS AND CAPS SHALL BE SALVAGED AND DELIVERED TO THE TOWN OF ADDISON PUBLIC WORKS YARD. WATER MAINS TO BE ABANDONED SHALL BE CUT, CAPPED, AND BLOCKED WITH CONCRETE AT ALL ENDS AND/OR FITTINGS.
13. THE PROPOSED WATER MAIN SHALL HAVE A MINIMUM COVER OF FOUR (4') FEET MEASURED FROM THE TOP OF THE EXISTING CURB OR FROM THE TOP OF THE EXISTING GROUND TO THE TOP OF THE PROPOSED PIPE, WHICHEVER IS GREATER, OR AS DIRECTED BY THE ENGINEER.
14. THE CONTRACTOR SHALL CENTER A FULL 20-FOOT LONG JOINT OF THE PROPOSED PIPE AT A STORM SEWER CROSSING IF THE PROPOSED PIPE MUST PASS UNDER THE STORM SEWER.
15. WHERE PROPOSED OR EXISTING WATER LINES CROSS PROPOSED OR EXISTING SANITARY SEWER LINES: 1) THE SANITARY SEWER MAIN SHOULD BE EITHER CONCRETE ENCASED; OR 2) A FULL 20-FOOT LONG JOINT OF PIPE SHALL BE CENTERED AT THE CROSSING AND A 2-FOOT VERTICAL CLEARANCE BE MAINTAINED.
16. ALL DUCTILE IRON FITTINGS SHALL BE POLYWRAPPED.
17. THE CONTRACTOR SHALL MAINTAIN FIRE EMERGENCY VEHICLE ACCESS TO FIRE HYDRANTS THROUGHOUT CONSTRUCTION.
18. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE DRIVEWAY OPENING FOR INGRESS/EGRESS OF VEHICULAR TRAFFIC TO/FROM PRIVATE PROPERTY THROUGHOUT CONSTRUCTION.

19. IRRIGATION AND SPRINKLER SYSTEM NOTES (SEE TOWN OF ADDISON SPECIFICATIONS):
 - A) THE CONTRACTOR SHALL HIRE A LICENSED IRRIGATOR AS A SUBCONTRACTOR TO OVERSEE ALL ACTIVITIES THAT IMPACT EXISTING, OR PROPOSED IRRIGATION SYSTEMS.
 - B) PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES, EXISTING IRRIGATION SYSTEMS SHALL BE TURNED ON. THE LOCATION OF THE HEADS, VALVES, AND PIPE SHALL BE MARKED WHERE DEMOLITION OR CONSTRUCTION WILL IMPACT THE SYSTEM. DEFICIENCIES IN THE SYSTEM SHALL BE NOTED AND REPORTED TO THE SYSTEM OWNER. A PHOTOGRAPHIC OR VIDEO RECORD SHALL BE MADE IF APPROPRIATE.
 - C) PIPING SHALL BE CUT, CAPPED, AND MARKED AT THE LIMITS OF CONSTRUCTION.
 - D) AT THE COMPLETION OF CONSTRUCTION, THE LICENSED IRRIGATOR SHALL RESTORE AND TEST THE IRRIGATION SYSTEMS FOR PROPER FUNCTION. THE TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON'S PUBLIC WORKS INSPECTOR, AND THE SYSTEM OWNERS.
20. CONTRACTOR SHALL CONFORM WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (NCTSSPWC) AND ALL TOWN OF ADDISON STANDARD CONSTRUCTION DETAILS.
21. ALL BENDS AND FIRE HYDRANTS SHALL INCLUDE RESTRAINED TYPE FITTINGS WITH RETAINER GLANDS IN ADDITION TO CONCRETE THRUST BLOCKING. ALL FIRE HYDRANTS SHALL BE INSTALLED PER STANDARD DETAILS. CONCRETE THRUST BLOCKING MAY BE ELIMINATED AT THE OWNER'S DISCRETION.
22. WATER MAINS SHALL BE AWWA C-909, CL 150.
23. ALL STREET AND DRIVEWAY PAVEMENT SHALL BE 8-INCH, 4000 PSI CONCRETE WITH #3 BARS ON 18-INCH (18") CENTERS BOTH WAYS.
24. ALL PORTIONS OF EXISTING DRIVEWAY THAT ARE TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. REMOVAL OF ANY CONCRETE THAT IS NOT SHOWN TO BE REMOVED SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE TOWN OF ADDISON.
25. ALL WATER SERVICE LINES THAT EXTEND ACROSS THE STREET SHALL BE BORED UNDERNEATH THE EXISTING PAVEMENT UNLESS OTHERWISE NOTED.
26. THE CONTRACTOR SHALL CONNECT ALL NEW SERVICE LINES TO THE NEW WATER METERS. (NO SEPARATE PAY ITEM)
27. THE CONTRACTOR SHALL INSTALL NEW WATER METERS ACCORDING TO THE PLANS. WATER METERS SHALL BE 5/8", 1", 1.5", OR 2".
28. AN APPROVED BACKFLOW PREVENTION ASSEMBLY SHALL BE INSTALLED, WHERE ONE DOES NOT CURRENTLY EXIST, ON ALL WATER SERVICES AFTER THE METER, LOCATED IN A SEPARATE BOX WITH A MINIMUM OF AN EIGHTEEN (18) INCH NIPPLE BETWEEN THE METER AND THE ASSEMBLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THE ASSEMBLY TESTED UPON INSTALLATION BY A CERTIFIED TESTER, REGISTERED WITH THE TOWN OF ADDISON. THE ORIGINAL TEST TEST SHALL BE PROVIDED TO THE TOWN OF ADDISON UTILITY DIVISION PRIOR TO FINAL CONTINUOUS CONNECTION TO THE TOWN'S WATER SUPPLY. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE USC CERTIFIED.
29. ALL EXISTING BACKFLOW PREVENTION ASSEMBLIES SHALL BE TESTED BY A CERTIFIED TESTER, REGISTERED WITH THE TOWN OF ADDISON, TO MEET THE TOWN'S REQUIREMENTS. SHOULD THE BACKFLOW PREVENTION ASSEMBLY NOT MEET THE TOWN'S REQUIREMENTS, A NEW ASSEMBLY SHALL BE INSTALLED, COMPLETE IN PLACE.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING BACKFLOW PREVENTION ASSEMBLIES AT THE LOCATIONS SHOWN ON THE PLANS.
31. ALL CONCRETE PAVEMENT FOR REMOVAL WITHIN THE PROJECT LIMITS SHALL BE SAWCUT. ALL SAWCUTS SHALL BE FULL DEPTH. (NO SEPARATE PAY ITEM)
32. BEFORE THE NEWLY CONSTRUCTED WATER MAIN IS PERMITTED TO BE PLACED INTO SERVICE, IT SHALL BE PRESSURE TESTED, DISINFECTED AND TESTED FOR BACTERIA AT THE CONTRACTOR'S EXPENSE. TESTING IS TO BE ACCOMPLISHED BY A TOWN OF ADDISON APPROVED LAB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DESINFECTATION AND TESTING.
33. STAGING AND STORAGE FOR THIS PROJECT SHALL BE APPROVED BY THE TOWN OF ADDISON PRIOR TO ANY CONSTRUCTION ACTIVITY.
34. ALL NEW DUMMY AND EXPANSION JOINTS SHALL MATCH EXISTING JOINT LOCATIONS.
35. CONTRACTOR SHALL VIDEO TAPE THE SITE IN ITS ENTIRETY PRIOR TO ANY CONSTRUCTION AND PROVIDE A COPY TO THE TOWN. (NO SEPARATE PAY ITEM)
36. CONTRACTOR SHALL SUPPLY AS-BUILT DRAWINGS TO THE TOWN OF ADDISON. DIMENSIONS AND LENGTH OF PIPE FROM BENDS AND VALVES SHALL BE LISTED.

SYMBOL LEGEND

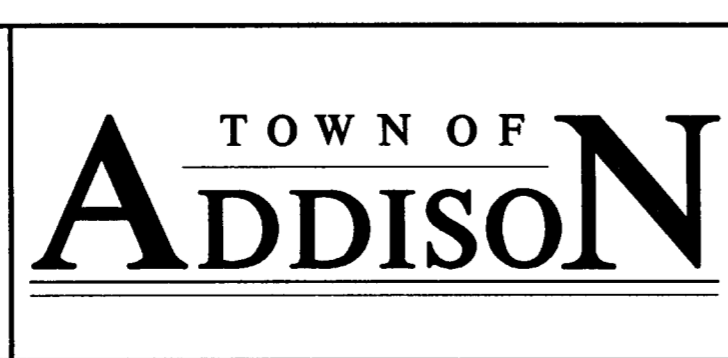
EXISTING	PROPOSED
	SURVEY CONTROL POINT
	MAILBOX
	S.S. CLEAN OUT
	S.S. MANHOLE
	WATER LINE
	WATER SERVICE
	SANITARY SEWER LINE
	STORM DRAIN LINE
	OVERHEAD ELECTRIC
	GAS LINE
	FIRE HYDRANT
	GAS METER
	GUY WIRE
	IRON ROD FOUND
	LIGHT POLE
	S.D. MANHOLE
	PULL BOX
	POWER POLE
	SIGN
	SPRINKLER VALVE
	WATER METER
	WATER VALVE
	BACKFLOW PREVENTOR
	TREE
	SHRUB
	FENCE
	BUILDING
	CONC. REMOVAL AND REPLACEMENT
	HMAC REMOVAL AND REPLACEMENT
	BORING FOR WATER LINE

T/C = TOP OF CURB ELEV.
 F/L = FLOW LINE ELEV.
 MH = MANHOLE
 CO = CLEANOUT

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DATE
JULY 2002

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MARK E. RIDDLE
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DATE: 07.10.02

TOWN OF ADDISON
WRIGHT BROTHERS / WILEY POST
WATER LINE REPLACEMENT

GENERAL NOTES & LEGEND

GENERAL NOTES.DWG	TNP PROJECT
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