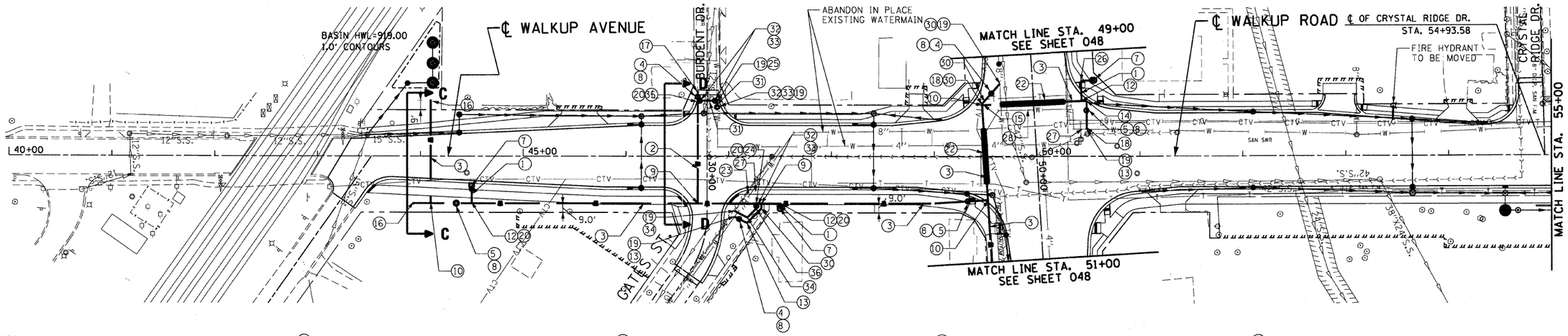
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	050
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO: 63522

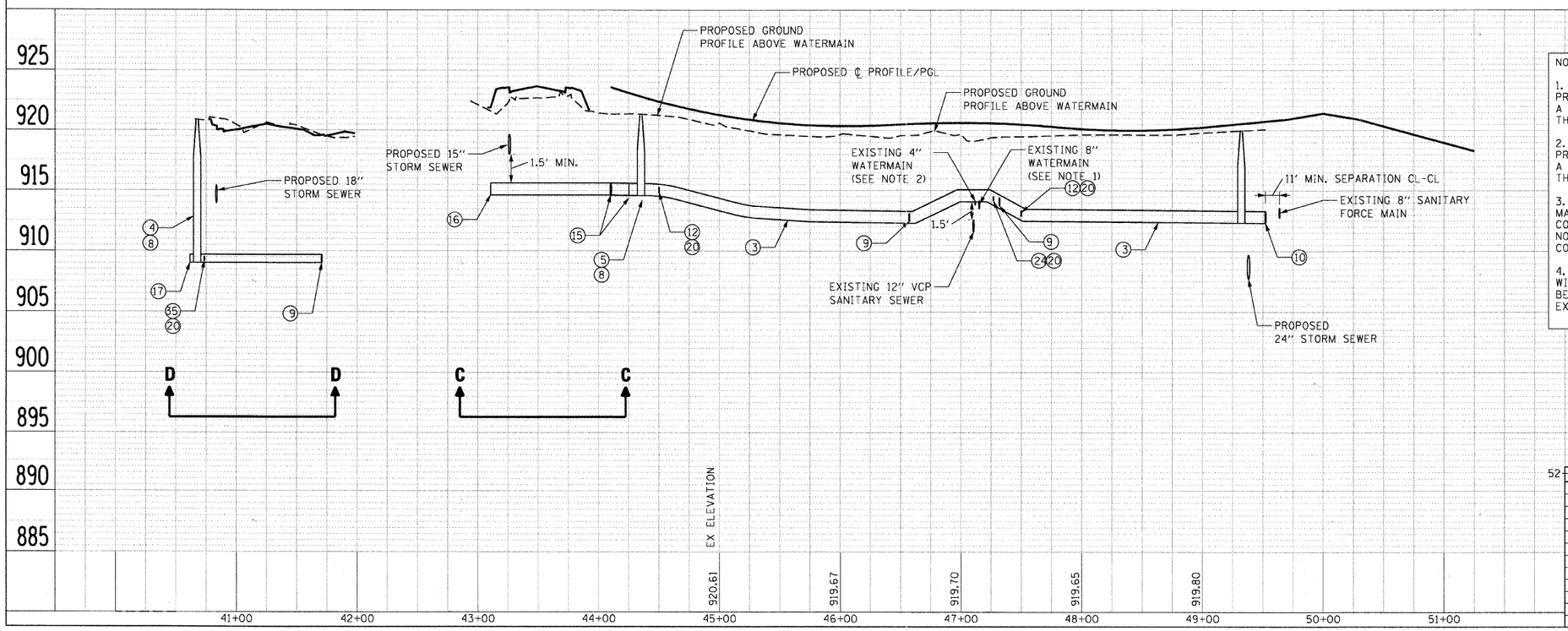
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

PROPOSED PLAN



LEGEND

1. DUCTILE IRON WATER MAIN 6"
2. DUCTILE IRON WATER MAIN 8"
3. DUCTILE IRON WATER MAIN 12"
4. WATER VALVES 8"
5. WATER VALVES 12"
6. FIRE HYDRANT EXTENSION
7. FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX
8. VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID
9. DUCTILE IRON WATER MAIN TEE, 12" X 8"
10. DUCTILE IRON WATER MAIN TEE, 12" X 12"
11. DUCTILE IRON WATER MAIN TEE, 8" X 6"
12. DUCTILE IRON WATER MAIN TEE, 12" X 6"
13. DUCTILE IRON WATER MAIN FITTINGS 8" 90 DEGREE BEND
14. DUCTILE IRON WATER MAIN FITTINGS 12" 90 DEGREE BEND
15. DUCTILE IRON WATER MAIN FITTINGS 12" 45 DEGREE BEND
16. DUCTILE IRON WATER MAIN FITTINGS - 12" PLUG (CAP)
17. DUCTILE IRON WATER MAIN FITTING - 8" PLUG (CAP)
18. DUCTILE IRON WATER MAIN REDUCER 12" X 8"
19. CONNECTION TO EXISTING WATER MAIN
20. WITH FLANGE
21. WATER MAINLINE STOP 8"
22. STEEL CASING PIPE, AUGERED AND JACKED, 24"
23. CUT AND CAP EXISTING 4" WATER MAIN
24. DUCTILE IRON WATER MAIN TEE, 12" X 4"
25. DUCTILE IRON WATER MAIN TEE, 4" X 4"
26. DUCTILE IRON WATER MAIN FITTINGS 6" 90 DEGREE BEND
27. SEAL EXISTING 8" WATER MAIN (SEE NOTE 3 SHEET 050)
28. ABANDON EXISTING WATER MAIN, FILL WITH CLSM
29. DUCTILE IRON WATER MAIN TEE, 8" X 8"
30. DUCTILE IRON WATER MAIN FITTINGS 8" 45 DEGREE BEND
31. DUCTILE IRON WATER MAIN 4"
32. WATER VALVES 4"
33. CAST IRON VALVE BOXES, 4"
34. DUCTILE IRON WATER MAIN FITTINGS 4" 90 DEGREE BEND
35. DUCTILE IRON WATER MAIN TEE 8" X 4"
36. DUCTILE IRON WATER MAIN FITTINGS 4" 45 DEGREE BEND



NOTE:

1. EXISTING WATER MAIN TO BE CUT AND REMOVED BETWEEN PROPOSED "CONNECTION TO EXISTING WATER MAIN" ON THE EAST AND A POINT 10' FROM THE PROPOSED 12" WATER MAIN ON THE WEST AT THE LOCATION OF "SEAL EXISTING 8" WATER MAIN"

2. EXISTING WATER MAIN TO BE CUT AND REMOVED BETWEEN PROPOSED "CONNETION TO EXISTING WATER MAIN" ON THE EAST AND A POINT 10' FROM THE PROPOSED 12" WATER MAIN ON THE WEST AT THE LOCATION OF "CUT AND CAP EXISTING 4" WATER MAIN"

3. ALL WATER MAIN PIPE OPENINGS, IN EXISTING 4" AND 8" WATER MAIN TO BE ABANDONED, SHALL BE SECURELY SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR DUCTILE IRON WATER MAIN 12"

4. EXISTING 8" WATER MAIN TO BE ABANDONED SHALL BE FILLED WITH CONTROLLED LOW-STRENGTH MATERIAL (CLSM). THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR "ABANDON EXISTING WATER MAIN, FILL WITH CLSM"

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

WATER MAIN RELOCATION
WALKUP ROAD
STA 40+00 TO STA 55+00

SCALE: VERT. 1" = 5'
HORIZ. 1" = 50'
DATE: 06/10/11
DRAWN BY: LK
CHECKED BY: TL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS•ARCHITECTS•PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-3030

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, BY, DATE, NOTE BOOK NO., CADD FILE NAME

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, BY, DATE, NOTE BOOK NO., S.N. FIGURE NOTATIONS CHKD

..\AL02A002.DGN, ..\PL02A002.DGN, ..\WW02A001.DGN, ..\RW02A002.DGN, ..\RD99A001.DGN, ..\UT02A005.DGN, ..\UT02A002.DGN, ..\UT02A003.DGN, ..\UT02A004.DGN, ..\UT02A006.DGN, ..\UT02A010.DGN, ..\PR02A000.DGN, ..\PR02A001.DGN, ..\PR02A002.DGN, ..\UT02A003.DGN, ..\UT02A005.DGN, ..\UT02A007.DGN, ..\UT02A009.DGN, ..\UT02A011.DGN, ..\UT02A012.DGN, ..\UT02A013.DGN, ..\UT02A014.DGN, ..\UT02A015.DGN, ..\UT02A016.DGN, ..\UT02A017.DGN, ..\UT02A018.DGN, ..\UT02A019.DGN, ..\UT02A020.DGN, ..\UT02A021.DGN, ..\UT02A022.DGN, ..\UT02A023.DGN, ..\UT02A024.DGN, ..\UT02A025.DGN, ..\UT02A026.DGN, ..\UT02A027.DGN, ..\UT02A028.DGN, ..\UT02A029.DGN, ..\UT02A030.DGN, ..\UT02A031.DGN, ..\UT02A032.DGN, ..\UT02A033.DGN, ..\UT02A034.DGN, ..\UT02A035.DGN, ..\UT02A036.DGN, ..\UT02A037.DGN, ..\UT02A038.DGN, ..\UT02A039.DGN, ..\UT02A040.DGN, ..\UT02A041.DGN, ..\UT02A042.DGN, ..\UT02A043.DGN, ..\UT02A044.DGN, ..\UT02A045.DGN, ..\UT02A046.DGN, ..\UT02A047.DGN, ..\UT02A048.DGN, ..\UT02A049.DGN, ..\UT02A050.DGN, ..\UT02A051.DGN, ..\UT02A052.DGN, ..\UT02A053.DGN, ..\UT02A054.DGN, ..\UT02A055.DGN, ..\UT02A056.DGN, ..\UT02A057.DGN, ..\UT02A058.DGN, ..\UT02A059.DGN, ..\UT02A060.DGN, ..\UT02A061.DGN, ..\UT02A062.DGN, ..\UT02A063.DGN, ..\UT02A064.DGN, ..\UT02A065.DGN, ..\UT02A066.DGN, ..\UT02A067.DGN, ..\UT02A068.DGN, ..\UT02A069.DGN, ..\UT02A070.DGN, ..\UT02A071.DGN, ..\UT02A072.DGN, ..\UT02A073.DGN, ..\UT02A074.DGN, ..\UT02A075.DGN, ..\UT02A076.DGN, ..\UT02A077.DGN, ..\UT02A078.DGN, ..\UT02A079.DGN, ..\UT02A080.DGN, ..\UT02A081.DGN, ..\UT02A082.DGN, ..\UT02A083.DGN, ..\UT02A084.DGN, ..\UT02A085.DGN, ..\UT02A086.DGN, ..\UT02A087.DGN, ..\UT02A088.DGN, ..\UT02A089.DGN, ..\UT02A090.DGN, ..\UT02A091.DGN, ..\UT02A092.DGN, ..\UT02A093.DGN, ..\UT02A094.DGN, ..\UT02A095.DGN, ..\UT02A096.DGN, ..\UT02A097.DGN, ..\UT02A098.DGN, ..\UT02A099.DGN, ..\UT02A100.DGN, ..\UT02A101.DGN, ..\UT02A102.DGN, ..\UT02A103.DGN, ..\UT02A104.DGN, ..\UT02A105.DGN, ..\UT02A106.DGN, ..\UT02A107.DGN, ..\UT02A108.DGN, ..\UT02A109.DGN, ..\UT02A110.DGN, ..\UT02A111.DGN, ..\UT02A112.DGN, ..\UT02A113.DGN, ..\UT02A114.DGN, ..\UT02A115.DGN, ..\UT02A116.DGN, ..\UT02A117.DGN, ..\UT02A118.DGN, ..\UT02A119.DGN, ..\UT02A120.DGN, ..\UT02A121.DGN, ..\UT02A122.DGN, ..\UT02A123.DGN, ..\UT02A124.DGN, ..\UT02A125.DGN, ..\UT02A126.DGN, ..\UT02A127.DGN, ..\UT02A128.DGN, ..\UT02A129.DGN, ..\UT02A130.DGN, ..\UT02A131.DGN, ..\UT02A132.DGN, ..\UT02A133.DGN, ..\UT02A134.DGN, ..\UT02A135.DGN, ..\UT02A136.DGN, ..\UT02A137.DGN, ..\UT02A138.DGN, ..\UT02A139.DGN, ..\UT02A140.DGN, ..\UT02A141.DGN, ..\UT02A142.DGN, ..\UT02A143.DGN, ..\UT02A144.DGN, ..\UT02A145.DGN, ..\UT02A146.DGN, ..\UT02A147.DGN, ..\UT02A148.DGN, ..\UT02A149.DGN, ..\UT02A150.DGN, ..\UT02A151.DGN, ..\UT02A152.DGN, ..\UT02A153.DGN, ..\UT02A154.DGN, ..\UT02A155.DGN, ..\UT02A156.DGN, ..\UT02A157.DGN, ..\UT02A158.DGN, ..\UT02A159.DGN, ..\UT02A160.DGN, ..\UT02A161.DGN, ..\UT02A162.DGN, ..\UT02A163.DGN, ..\UT02A164.DGN, ..\UT02A165.DGN, ..\UT02A166.DGN, ..\UT02A167.DGN, ..\UT02A168.DGN, ..\UT02A169.DGN, ..\UT02A170.DGN, ..\UT02A171.DGN, ..\UT02A172.DGN, ..\UT02A173.DGN, ..\UT02A174.DGN, ..\UT02A175.DGN, ..\UT02A176.DGN, ..\UT02A177.DGN, ..\UT02A178.DGN, ..\UT02A179.DGN, ..\UT02A180.DGN, ..\UT02A181.DGN, ..\UT02A182.DGN, ..\UT02A183.DGN, ..\UT02A184.DGN, ..\UT02A185.DGN, ..\UT02A186.DGN, ..\UT02A187.DGN, ..\UT02A188.DGN, ..\UT02A189.DGN, ..\UT02A190.DGN, ..\UT02A191.DGN, ..\UT02A192.DGN, ..\UT02A193.DGN, ..\UT02A194.DGN, ..\UT02A195.DGN, ..\UT02A196.DGN, ..\UT02A197.DGN, ..\UT02A198.DGN, ..\UT02A199.DGN, ..\UT02A200.DGN, ..\UT02A201.DGN, ..\UT02A202.DGN, ..\UT02A203.DGN, ..\UT02A204.DGN, ..\UT02A205.DGN, ..\UT02A206.DGN, ..\UT02A207.DGN, ..\UT02A208.DGN, ..\UT02A209.DGN, ..\UT02A210.DGN, ..\UT02A211.DGN, ..\UT02A212.DGN, ..\UT02A213.DGN, ..\UT02A214.DGN, ..\UT02A215.DGN, ..\UT02A216.DGN, ..\UT02A217.DGN, ..\UT02A218.DGN, ..\UT02A219.DGN, ..\UT02A220.DGN, ..\UT02A221.DGN, ..\UT02A222.DGN, ..\UT02A223.DGN, ..\UT02A224.DGN, ..\UT02A225.DGN, ..\UT02A226.DGN, ..\UT02A227.DGN, ..\UT02A228.DGN, ..\UT02A229.DGN, ..\UT02A230.DGN, ..\UT02A231.DGN, ..\UT02A232.DGN, ..\UT02A233.DGN, ..\UT02A234.DGN, ..\UT02A235.DGN, ..\UT02A236.DGN, ..\UT02A237.DGN, ..\UT02A238.DGN, ..\UT02A239.DGN, ..\UT02A240.DGN, ..\UT02A241.DGN, ..\UT02A242.DGN, ..\UT02A243.DGN, ..\UT02A244.DGN, ..\UT02A245.DGN, ..\UT02A246.DGN, ..\UT02A247.DGN, ..\UT02A248.DGN, ..\UT02A249.DGN, ..\UT02A250.DGN, ..\UT02A251.DGN, ..\UT02A252.DGN, ..\UT02A253.DGN, ..\UT02A254.DGN, ..\UT02A255.DGN, ..\UT02A256.DGN, ..\UT02A257.DGN, ..\UT02A258.DGN, ..\UT02A259.DGN, ..\UT02A260.DGN, ..\UT02A261.DGN, ..\UT02A262.DGN, ..\UT02A263.DGN