CONTRACT NO. 85406

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS 6600	05-00012-00-FP	HENRY	75	35
STA. 13+40	TO STA. 19+80			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCALE IN FEET
0 20 40

D I WAT MNF 10 CAP & TAP & CORP VALVE, 1 ½"
FIRE HYDNTS TO BE REM TO REMAIN VILLAGE PROPERTY PLUG 4" HYDRANT LEAD (INCIDENTAL)
VALVE GATE, 10" MJRW & BOX
REPLACE EXISTING LEAD SERVICES
PROPOSED TAP, CORP & TAPPING SLEEVE, 1" APPROPRIATE LENGTH OF COPPER SERVICE, TY. K 1" & INCIDENTAL APPROPRIATE COUPLERS/REDUCERS, AS REQUIRED. TYPICAL ALL WATER SERVICES
LINE STOP 8 AFTER NEW 10" W.M. IS IN SERVICE CUT & CAP EX 8 WAT M
STA. 17+69.50 29.0' LT INLET SPL GUTTER ℄ = 99.72 E INVERT = 96.06
STA. 16+13.5 29.0' LT INLET SPL GUTTER ℄ = 100.72 E INVERT = 97.40
EXIST. 4" C.I.W.M. TO BE ABANDONED AFTER NEW 10" PVC W.M. IS IN SERVICE
℄ OF PROPOSED PVC WATER MAIN 10" VALVE GATE,10" MJRW & BOX
EXCHANGE STREET
TAPPING TEE, VALVE & BOX, 8"; D I WAT MNF 10X6 TEE; D I WAT MNF 10 PLUG; TAP & CORP VALVE, 1½"; 4 L.F. PVC WATER MAIN 8"; VALVE GATE, 10" MJRW & BOX
STA. 19+50.00 29.0' LT INLET SPL GUTTER ℄ = 98.97 E INVERT = 94.89
STA. 13+64 22.0' LT INLET SPL GUTTER ℄ = 102.75 E INVERT = 99.33
CENTER STREET
MATCH LINE STA. 13+40
MATCH LINE STA. 19+80
REM EXIST MANHOLE
DE WAT MNF 10X10 CRSS (2) VALVE GATE, 10" MJRW & BOX
42' STORM SEW WM REQ 12 ℄ = 99.33-98.90
212' STORM SEW CL A I 15 ℄ = 98.53-96.84
SURVEY LINE
PROSPECT STREET
56' STORM SEW WM REQ 12 ℄ = 97.40-96.84
159' STORM SEW CL A I 18 ℄ = 96.74-95.42
57' STORM SEW WM REQ 12 ℄ = 96.06-95.50
TRANSITION 10" WM UNDER EXIST 8" CI WM. APPROX 56" COVER ON EXIST 8" CI WM. BACKFILL AREA UNDER EXIST 8" CI WM WITH CONTR LOW-STRENG MATL
ABANDON EXIST 8" CI WM AFTER NEW 10" WM IS IN SERVICE
DI WAT MNF 10X10 CRSS
56' STORM SEW WM REQ 12 ℄ = 94.89-94.33
REM EXIST MANHOLE
VALVE GATE, 10" MJRW & BOX
89' STORM SEW CL A I 18 ℄ = 94.13-92.93
7'-0" MIN. COVER IN AREA OF STORM SEWER CROSSING. PROVIDE 18" MIN. CLEARANCE BELOW STORM SEWER.
STA. 13+64 22.0' RT INLET SPL GUTTER ℄ = 102.79 W INVERT = 98.90 NE INVERT = 98.80
35' STORM SEW WM REQ 15 ℄ = 98.81-98.53
VALVE GATE, 10" MJRW & BOX
6'-0" MIN. COVER IN AREA OF STORM SEWER CROSSING. PROVIDE 18" MIN. CLEARANCE BELOW STORM SEWER.
FIRE HYD W/AUX V & VB D I WAT MNF 10X6 TEE 5 L.F. PVC WATER MAIN 6 D I WAT MNF 10 CAP TAP & CORP VALVE, 1 ½"
6'-0" MIN. COVER IN AREA OF STORM SEWER CROSSING. PROVIDE 18" MIN. CLEARANCE BELOW STORM SEWER.
STA. 16+13.5 29.0 RT INLET SPL GUTTER ℄ = 100.56 S INVERT = 96.84 W INVERT = 96.84 N INVERT = 96.74
6'-0" MIN. COVER IN AREA OF STORM SEWER CROSSING. PROVIDE 18" MIN. CLEARANCE BELOW STORM SEWER.
STA. 17+75.00 29.0 RT INLET SPL GUTTER ℄ = 99.62 S INVERT = 95.50 W INVERT = 95.50 N INVERT = 95.40
62' STORM SEW CL A I 18 ℄ = 95.32-94.42
LINE STOP 8 AFTER NEW 10" W.M. IS IN SERVICE CUT & CAP EX 8 WAT M
EXIST. 8" C.I. W.M. CIRCA 1890's
SEE DETAIL A I
21' STORM SEW WM REQ 18 ℄ = 94.42-94.13
STA. 19+50.00 29.0 RT INLET SPL GUTTER ℄ = 99.19 S INVERT = 92.93 W INVERT = 94.33 N INVERT = 92.83
FIRE HYDNTS TO BE REM (TO REMAIN VILLAGE PROPERTY). PLUG 4" HYD. LEAD (INCIDENTAL)
FIRE HYD W/AUX V & VB AND D I WAT MNF 10X6 TEE 5 L.F. PVC WATER MAIN 6"
TAPPING TEE, VALVE & BOX, 8" AND D I WAT MNF 10X8 TEE D I WAT MNF 10 PLUG AND TAP & CORP VALVE, 1 ½" 4 L.F. PVC WATER MAIN 8" AND VALVE GATE 10" MJRW & BOX

PROP. 2" BLUE BOARD INSULATION (INCIDENTAL TO WATERMAIN)
PROP. 10" WM
PROP. STORM SEWER

DETAIL A

PLAN — SURVEYED / DRAWN / ALIGNMENT, CHECKED BY / STA. NOTED / FIELD BOOK / NOTE BOOK / NO. / PLOT DATE / FILE NAME / BY / DATE

PROFILE — SURVEYED / DRAWN / GRADES / CHECKED BY / STA. NOTED / FIELD BOOK / NOTE BOOK / NO. / PLOT DATE / FILE NAME / BY / DATE

PLOT DATE = #DATE#
FILE NAME = #FILE1#
PLOT SCALE = #SCALE1#
USER NAME = #USER#

115 110 105 100 95 90 85 80 75

13+64 102.75 (LT)
13+64 102.79 (RT)
14+00 CONC. COLLAR SPECIAL
APPROXIMATE EXISTING SURFACE PROFILE ALONG PROPOSED WATER MAIN
5'-0" MIN. COVER (TYPICAL)
0.80%
35' STORM SEW WM REQ 15 ℄ = 98.81-98.53
42' STORM SEW WM REQ 12 ℄ = 99.33-98.90 @ 1.00%
212' STORM SEW CL A I 15 ℄ = 98.53-96.84
16+13.5 100.72 (LT)
16+13.5 100.56 (RT)
56' STORM SEW WM REQ 12 ℄ = 97.40-96.84 @ 1.00%
PROFILE OF PROPOSED WATER MAIN
0.83%
159' STORM SEW CL A I 18 ℄ = 96.74-95.42
17+69.50 99.72 (LT)
17+75.00 99.62 (RT)
57' STORM SEW WM REQ 12 ℄ = 96.06-95.50 @ 1.00%
18+36.5 CONC. COLLAR SPECIAL
℄ PROFILE OF PROP. 10" W.M.
18+55.5 CONC. COLLAR SPECIAL
1.56%
62' STORM SEW CL A 2 18 ℄ = 95.32-94.42
21' STORM SEW WM REQ 18 ℄ = 94.42-94.13
APPROX. PROFILE OF EXIST. 8" W.M.
19+50.00 98.97 (LT)
19+50.00 94.19 (RT)
89' STORM SEW CL A 2 18 ℄ = 94.13-92.93
56' STORM SEW CL A 2 12 ℄ = 94.89-94.33 @ 1.00%

103.72 103.51 | 103.62 103.42 | 103.55 103.33 | 103.51 103.24 | 103.47 103.15 | 103.37 103.06 | 103.20 102.96 | 103.04 102.83 | 102.87 102.65 | 102.68 102.44 | 102.48 102.19 | 102.21 101.94 | 101.93 101.68 | 101.70 101.51 | 101.50 101.34 | 101.34 101.17 | 101.21 101.00 | 101.11 100.83 | 101.03 100.66 | 100.95 100.50 | 100.88 100.38 | 100.81 100.32 | 100.77 100.30 | 100.78 100.34 | 100.83 100.38 | 100.90 100.38 | 100.71 100.34 | 100.45 100.27 | 100.22 100.17 | 100.10 100.06 | 100.00 99.95 | 99.90 99.84 | 99.78

13+50 14+00 14+50 15+00 15+50 16+00 16+50 17+00 17+50 18+00 18+50 19+00 19+50

PROSPECT STREET STA. 13+40 TO 19+80 UTILITY PLAN