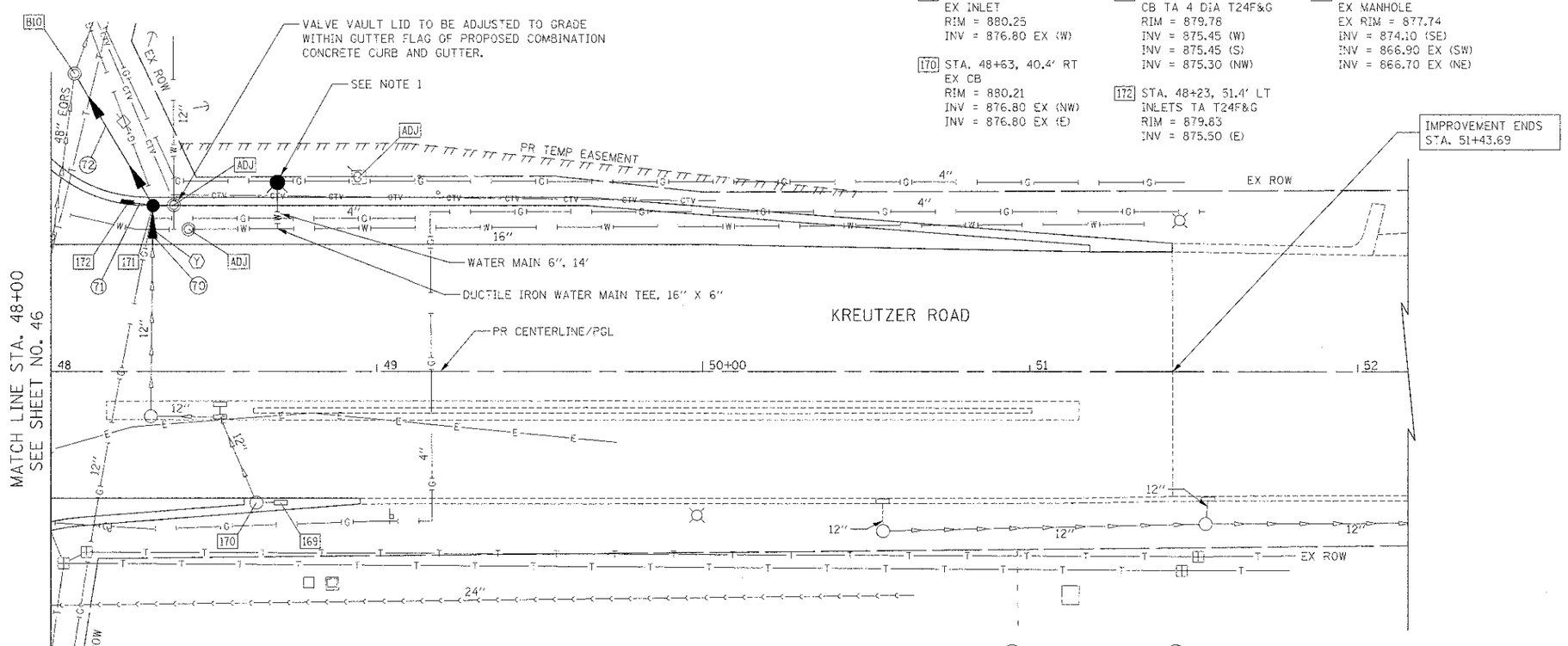


169 STA. 48+70, 40.4' RT
EX INLET
RIM = 880.25
INV = 876.80 EX (W)

170 STA. 48+63, 40.4' RT
EX CB
RIM = 880.21
INV = 876.80 EX (NW)
INV = 876.80 EX (E)

171 STA. 48+31, 51.0' LT
CB TA 4 DIA T24F&G
RIM = 879.78
INV = 875.45 (W)
INV = 875.45 (S)
INV = 875.30 (NW)

172 STA. 48+23, 51.4' LT
INLETS TA T24F&G
RIM = 879.83
INV = 875.50 (E)

B10 STA. 48+07, 91.7' LT
EX MANHOLE
EX RIM = 877.74
INV = 874.10 (SE)
INV = 866.90 EX (SW)
INV = 866.70 EX (NE)

N

Y BOTTOM STORM = 875.31
TOP WATER = 873.10

68 NOT USED

69 NOT USED

70 13' - STORM SEW WM REQ 12 @ 0.45%,
TBF = 2.2 CU YD,
TIE INTO EXISTING PIPE AT INV = 875.50

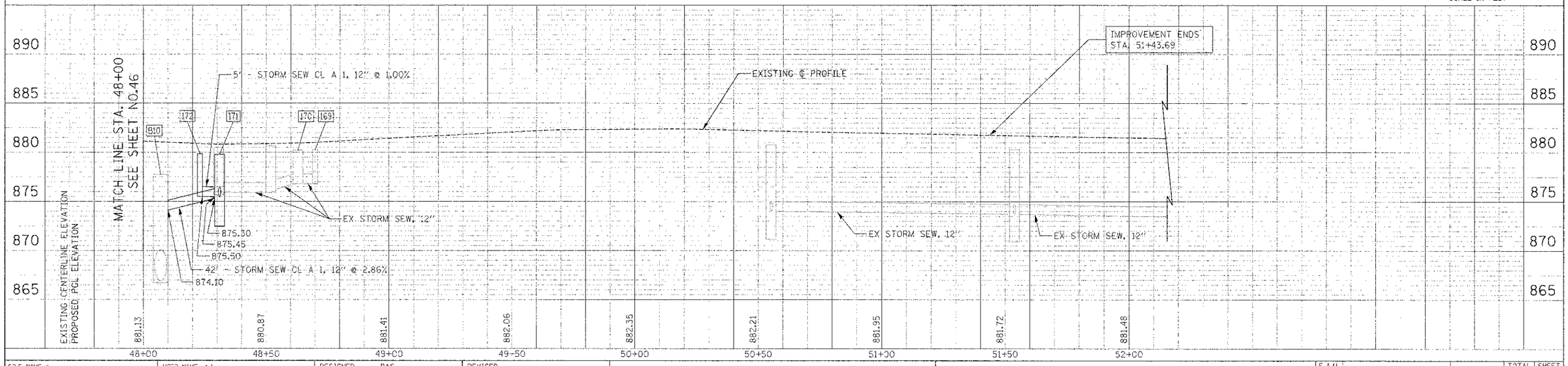
71 5' - STORM SEW WM REQ 12 @ 1.00%
TBF = 0.9 CU YD

72 42' - STORM SEW WM REQ 12 @ 2.86%
TBF = 0.6 CU YD

NOTES:

1. FIRE HYDRANT AND VALVE TO BE MOVED, STA. 48+70, 48.4' LT TO STA. 48+70, 58.1' LT

HORIZ.: 20 0 20
VERT.: 5 0 5
SCALE IN FEET



FILE NAME = ...\2470_0&U_08.dgn	USER NAME = bas	DESIGNED - BAS	REVISED -
		DRAWN - BAS	REVISED -
	PLOT SCALE = 20.2000 ' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 10/18/2012	DATE - 10/22/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN

SCALE: 1" = 20' | SHEET NO. 8 OF 12 SHEETS | STA. 48+00 TO STA. 51+44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4068	07-0031-00-PV	McHENRY	167	47
		CONTRACT NO. 63743		
FED. ROAD DIST. NO. !	ILLINOIS	FED. AID PROJECT XXX------		

PLAN
DRAWN/ PLOTTED / CHECKED / QUANTITIES CHECKED / STRUCTURE NOTATIONS CHKD
NOTE BOOK / SHEET NO. / CADD FILE NAME
BY / DATE

PROFILE
DRAWN/ PLOTTED / CHECKED / QUANTITIES CHECKED / STRUCTURE NOTATIONS CHKD
NOTE BOOK / SHEET NO.
BY / DATE