

- 112 STA. 17+00, 18.0' LT INLETS TA T24F&G RIM = 876.07 INV = 871.99 (W)
- 113 STA. 17+00, 18.0' RT CB TA 4 DIA T24F&G RIM = 876.07 INV = 874.13 (PD NE) INV = 871.66 (E) INV = 871.66 (W)
- 114 STA. 17+00, 28.0' RT MAN TA 4 DIA TIF CL RIM = 874.68 INV = 871.60 (E) INV = 871.40 (N)
- 114A STA. 16+67, 45.6' RT PRC FLAR END SEC 18 GRATING-C FL END S 18 INV = 869.00
- 114B STA. 17+20, 30.0' RT MAN TA 6D TIF CL R-P RIM = 873.15 INV = 867.74 (NW) INV = 867.74 (S) 5.4" ORIFICE
- 115 STA. 17+56, 30.0' RT PRC FLAR END SEC 18 RIM = 877.04 INV = 872.91 (E)
- 116 STA. 18+50, 18.0' RT INLETS TA T24F&G RIM = 877.04 INV = 872.91 (E)
- 117 STA. 18+55, 18.0' LT CB TA 4 DIA T24F&G RIM = 877.07 INV = 872.58 (W) INV = 872.58 (SE)
- 118 STA. 19+00, 35.0' LT MAN TA 4 DIA TIF CL RIM = 877.95 INV = 872.29 (NW) INV = 871.38 (SE)
- 119 STA. 21+00, 18.0' RT INLETS TA T24F&G RIM = 876.64 INV = 872.16 (NE)
- 120 STA. 21+00, 18.0' LT CB TA 4 DIA T24F&G RIM = 876.64 INV = 871.83 (SW) INV = 871.83 (NE)
- 121 STA. 21+00, 40.0' LT MAN TA 4 DIA TIF CL RIM = 875.85 INV = 871.65 (SW) INV = 870.18 (NW) INV = 869.98 (SE)
- 121A STA. 17+99, 60.0' LT PRC FLAR END SEC 24 RIM = 877.45 INV = 863.38
- 121B STA. 18+00, 42.7' LT MET END SEC 15 INV = 863.75
- 183 STA. 17+98, 32.8' LT PRC FLAR END SEC 24 INV = 863.75
- S3 STA. 17+09, 25.8' RT SAN MAN RECONST EX RIM = 867.65 PR RIM = 875.50 INV = 853.30 EX (SE) INV = 853.20 EX (NE)
- S4 STA. 18+50, 22.4' LT SAN MAN RECONST EX RIM = 870.12 PR RIM = 877.45 INV = 856.40 EX (S) INV = 853.60 EX (NW)

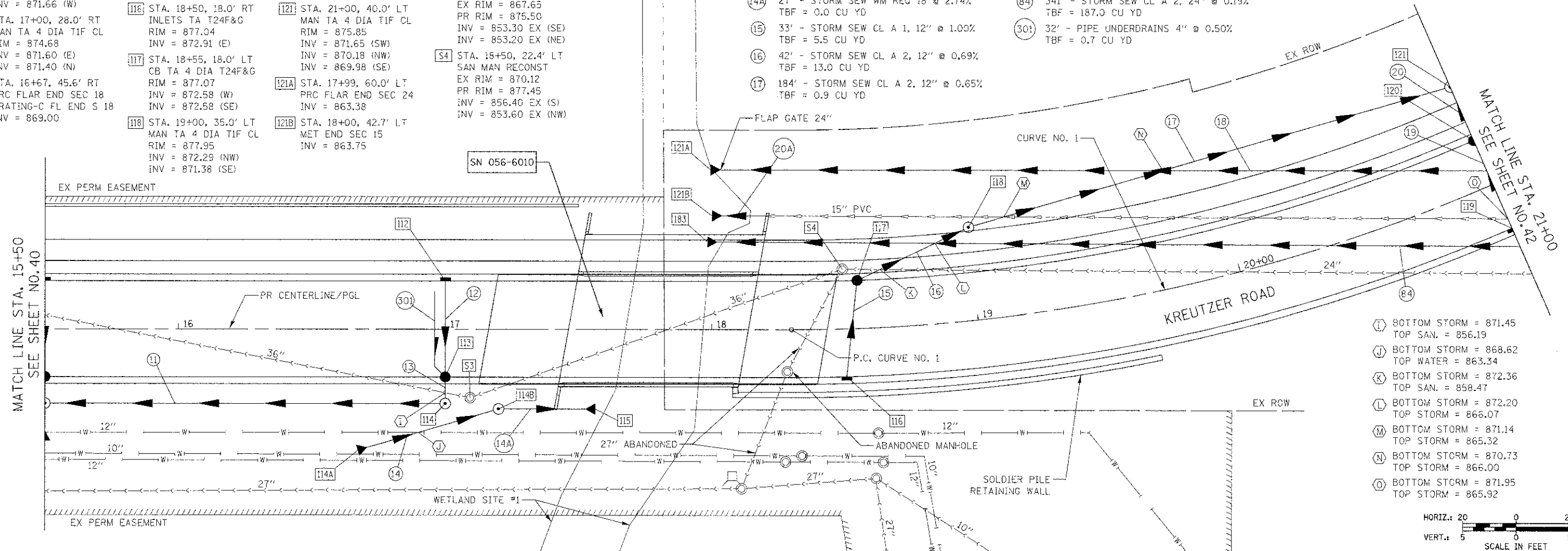
SOUTH BRANCH KISHWAUKEE RIVER

- 11 146' - STORM SEW CL A 1, 12" @ 1.00% TBF = 0.0 CU YD
- 12 33' - STORM SEW CL A 1, 12" @ 1.00% TBF = 5.7 CU YD
- 13 6' - STORM SEW CL A 1, 12" @ 1.00% TBF = 0.4 CU YD
- 14 46' - STORM SEW WM REQ 18 @ 2.74% TBF = 0.0 CU YD
- 14A 27' - STORM SEW WM REQ 18 @ 2.74% TBF = 0.0 CU YD
- 15 33' - STORM SEW CL A 1, 12" @ 1.00% TBF = 5.5 CU YD
- 16 42' - STORM SEW CL A 2, 12" @ 0.69% TBF = 13.0 CU YD
- 17 184' - STORM SEW CL A 2, 12" @ 0.65% TBF = 0.9 CU YD
- 18 353' - STORM SEW CL A 2, 24" @ 0.26% TBF = 113.4 CU YD
- 19 33' - STORM SEW CL A 1, 12" @ 1.00% TBF = 7.6 CU YD
- 20 18' - STORM SEW CL A 2, 12" @ 1.00% TBF = 4.2 CU YD
- 20A 12' - PIPE DRAINS, 15" @ 0.25% TBF = 0.0 CU YD
- 84 341' - STORM SEW CL A 2, 24" @ 0.19% TBF = 187.0 CU YD
- 301 32' - PIPE UNDERDRAINS 4" @ 0.50% TBF = 0.7 CU YD

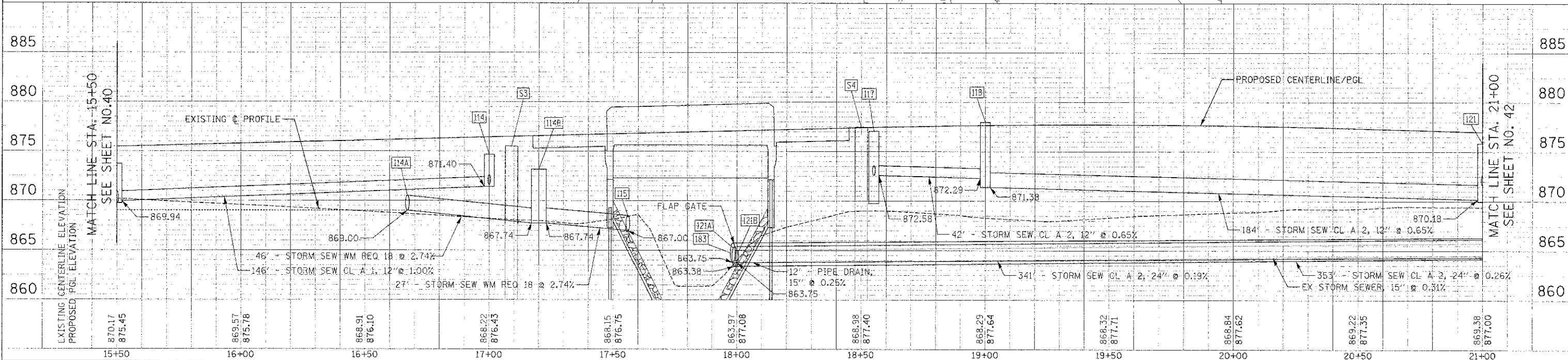
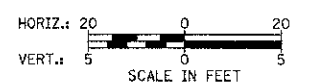
- NOTES:
- STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE.
 - RIM ELEVATIONS FOR CURB STRUCTURES ARE AT THE EDGE OF PAVEMENT.
 - SEE SHEET 114 FOR RESTRICTOR PLATE DETAILS.

PLAN	DATE
REVISED	
BY	
NOTED	
ALIGNED	
CHECKED	
DATE	

PROFILE	DATE
REVISED	
BY	
NOTED	
ALIGNED	
CHECKED	
DATE	



- (I) BOTTOM STORM = 871.45 TOP SAN. = 856.19
- (J) BOTTOM STORM = 868.62 TOP WATER = 863.34
- (K) BOTTOM STORM = 872.36 TOP SAN. = 858.47
- (L) BOTTOM STORM = 872.20 TOP STORM = 866.07
- (M) BOTTOM STORM = 871.14 TOP STORM = 865.32
- (N) BOTTOM STORM = 870.73 TOP STORM = 866.00
- (O) BOTTOM STORM = 871.95 TOP STORM = 865.92



FILE NAME = ...2473.06U.02.dgn	USER NAME = bas	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN	F.A.U. RTE. 4068	SECTION 07-0031-00-PV	COUNTY McHENRY	TOTAL SHEETS 167	SHEET NO. 41	
		DRAWN - BAS	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 12 SHEETS	STA. 15+50 TO STA. 21+00	FED. ROAD DIST. No. 1 (ILLINOIS)	FED. AID PROJECT XXX	CONTRACT NO. 63743
		CHECKED - GAB	REVISED -								
		DATE - 10/22/12	REVISED -								