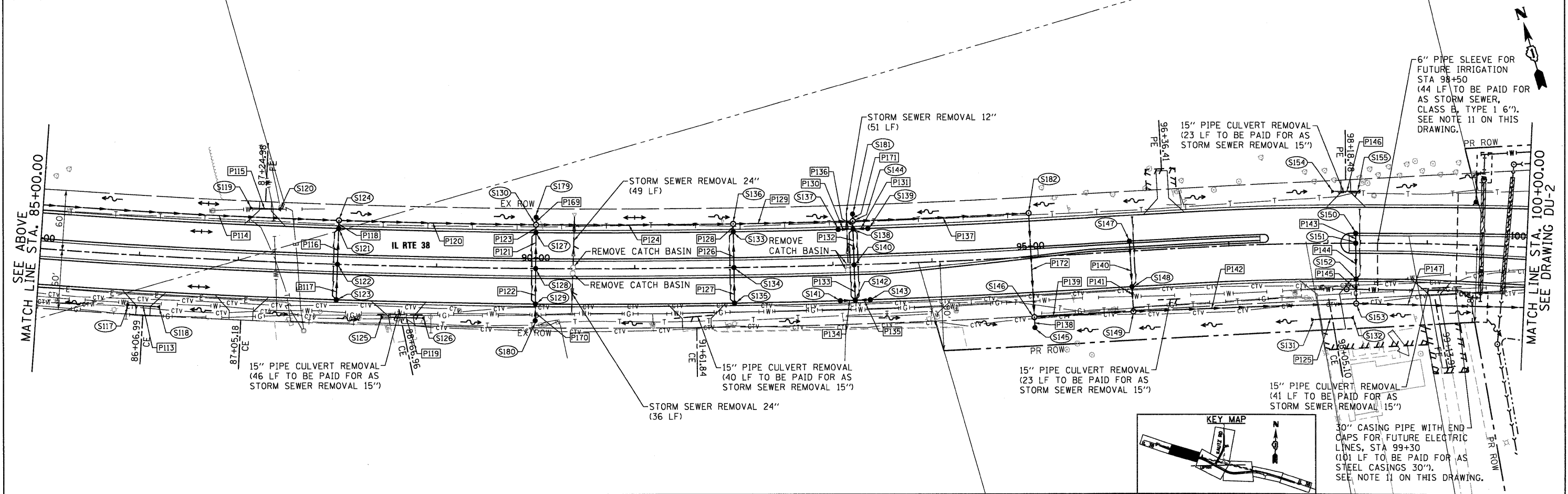
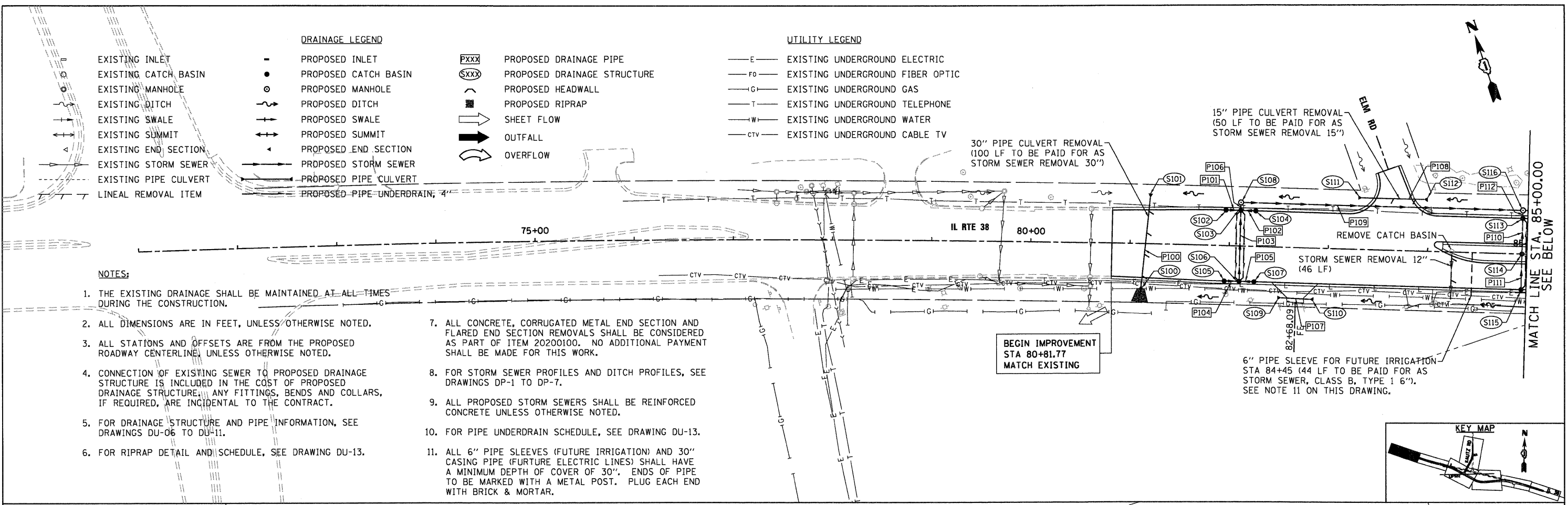


- DRAINAGE LEGEND**
- EXISTING INLET
  - EXISTING CATCH BASIN
  - EXISTING MANHOLE
  - EXISTING DITCH
  - EXISTING SWALE
  - EXISTING SUMMIT
  - EXISTING END SECTION
  - EXISTING STORM SEWER
  - EXISTING PIPE CULVERT
  - LINEAL REMOVAL ITEM
  - PROPOSED INLET
  - PROPOSED CATCH BASIN
  - PROPOSED MANHOLE
  - PROPOSED DITCH
  - PROPOSED SWALE
  - PROPOSED SUMMIT
  - PROPOSED END SECTION
  - PROPOSED STORM SEWER
  - PROPOSED PIPE CULVERT
  - PROPOSED PIPE UNDERDRAIN, 4"

- UTILITY LEGEND**
- PXXX PROPOSED DRAINAGE PIPE
  - SXXX PROPOSED DRAINAGE STRUCTURE
  - PROPOSED HEADWALL
  - PROPOSED RIPRAP
  - SHEET FLOW
  - OUTFALL
  - OVERFLOW
  - EXISTING UNDERGROUND ELECTRIC
  - EXISTING UNDERGROUND FIBER OPTIC
  - EXISTING UNDERGROUND GAS
  - EXISTING UNDERGROUND TELEPHONE
  - EXISTING UNDERGROUND WATER
  - EXISTING UNDERGROUND CABLE TV

- NOTES:**
- THE EXISTING DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION.
  - ALL DIMENSIONS ARE IN FEET, UNLESS OTHERWISE NOTED.
  - ALL STATIONS AND OFFSETS ARE FROM THE PROPOSED ROADWAY CENTERLINE, UNLESS OTHERWISE NOTED.
  - CONNECTION OF EXISTING SEWER TO PROPOSED DRAINAGE STRUCTURE IS INCLUDED IN THE COST OF PROPOSED DRAINAGE STRUCTURE. ANY FITTINGS, BENDS AND COLLARS, IF REQUIRED, ARE INCIDENTAL TO THE CONTRACT.
  - FOR DRAINAGE STRUCTURE AND PIPE INFORMATION, SEE DRAWINGS DU-06 TO DU-11.
  - FOR RIPRAP DETAIL AND SCHEDULE, SEE DRAWING DU-13.
  - ALL CONCRETE, CORRUGATED METAL END SECTION AND FLARED END SECTION REMOVALS SHALL BE CONSIDERED AS PART OF ITEM 20200100. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
  - FOR STORM SEWER PROFILES AND DITCH PROFILES, SEE DRAWINGS DP-1 TO DP-7.
  - ALL PROPOSED STORM SEWERS SHALL BE REINFORCED CONCRETE UNLESS OTHERWISE NOTED.
  - FOR PIPE UNDERDRAIN SCHEDULE, SEE DRAWING DU-13.
  - ALL 6" PIPE SLEEVES (FUTURE IRRIGATION) AND 30" CASING PIPE (FUTURE ELECTRIC LINES) SHALL HAVE A MINIMUM DEPTH OF COVER OF 30". ENDS OF PIPE TO BE MARKED WITH A METAL POST. PLUG EACH END WITH BRICK & MORTAR.



McDonough Associates Inc.  
Engineers / Architects  
730 East Randolph Street Chicago, Illinois 60601

FILE NAME = D168122-SHT-DRAIN01.dgn	USER NAME = YKlm	DESIGNED - YSK	REVISED -
PLOT SCALE = 1"=50'	CHECKED - EJC	DRAWN - YSK	REVISED -
PLOT DATE = 10/14/2011	DATE - 10/14/11	CHECKED - EJC	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN**  
SCALE: 1"=50' SHEET NO. 1 OF 5 SHEETS STA. BEGIN TO STA. 100+00

F.A.P. RTE. 347	SECTION LY (HB & VB)	COUNTY DUPAGE/KANE	TOTAL SHEETS 421	SHEET NO. 68
DU-1		CONTRACT NO. 60122		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				