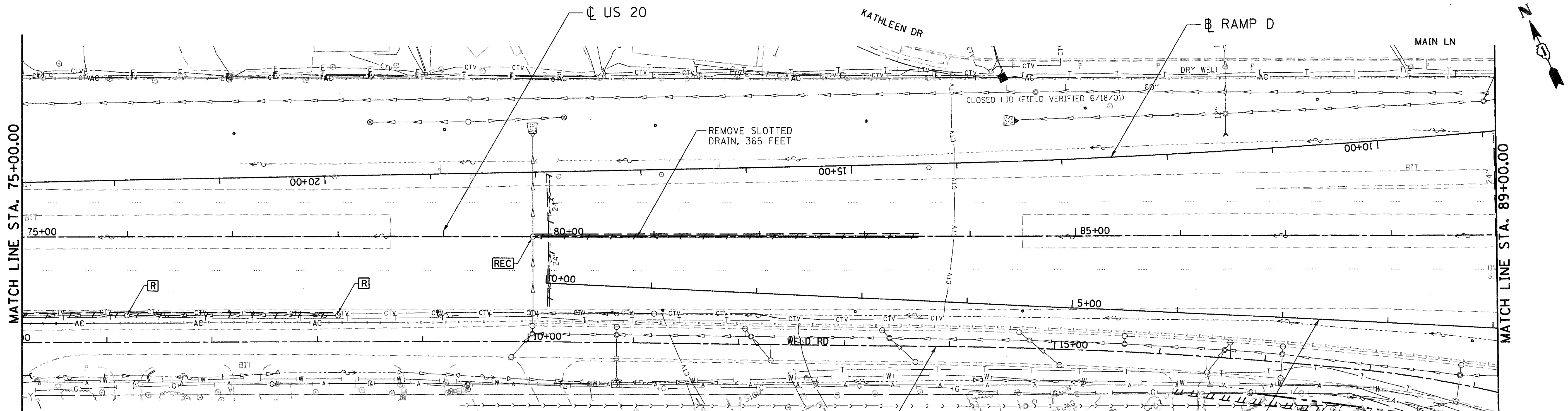
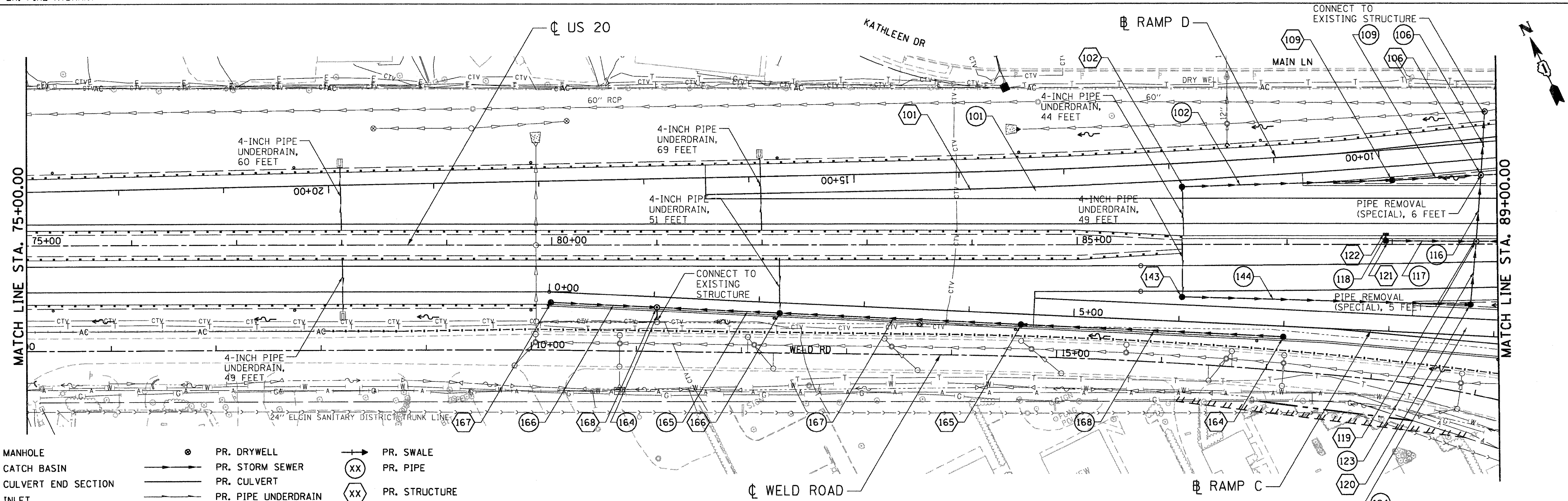


LEGEND

▭	EX. INLET	—▷—▷	EX. STORM SEWER	[R]	STRUCTURE TO BE REMOVED
○	EX. CATCH BASIN	—)—)—)	EX. SANITARY SEWER	[ADJ]	STRUCTURE TO BE ADJUSTED
◎	EX. MANHOLE	—+—+—	PAVED DITCH REMOVAL	[REC]	STRUCTURE TO BE RECONSTRUCTED
⊗	EX. DRYWELL	⌐ ⌐ ⌐	PIPE REMOVAL		
▷	EX. CULVERT END SECTION				
ᵕ	EX. FIRE HYDRANT				



LEGEND

◉	PR. MANHOLE	⊗	PR. DRYWELL	—+→	PR. SWALE
●	PR. CATCH BASIN	—►—►	PR. STORM SEWER	(XX)	PR. PIPE
▶	PR. CULVERT END SECTION	——	PR. CULVERT	⟨XX⟩	PR. STRUCTURE
▬	PR. INLET	—.—	PR. PIPE UNDERDRAIN		
▭	PR. HEADWALL FOR PIPE DRAIN	—∿►	PR. DITCH		RIPRAP APRON

NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - SLH	REVISED -
		DRAWN - JFS	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 12/16/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20

DRAINAGE PLAN
U.S. ROUTE 20

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. 75+00.00 TO STA. 89+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	259
		CONTRACT NO. 60H45		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

..\D160H45-BORDER01.DGN, ..\DIMASTER-ALIGNMNT.DGN, ..\D160H45-DRAINE01.DGN, ..\D160H45-LEGEND.DGN, ..\DIMASTER-ROW050.DGN, ..\D160H45-TOPOE.DGN, ..\DIMASTER-ALIGNMNT.DGN, ..\D160H45-DRAINP01.DGN, ..\D160H45-DESIGN.DGN, ..\D160H45-TOPOF.DGN, ..\D160H45-DESIGNDDH.DGN, ..\D160H45-LEGEND.DGN, ..\
12-14-2011, 10:10:02 BAJZEKKJ \\FS-0044\AM\VAULT,D-TRANS.07\2202\21379-001\CIVIL\CAD\60H45\SHEET\D160H45-SHT-DRAINU03.DGN