LEGEND

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM		
ROADWAY DITCH FLOW		
PIPE CULVERT		
PIPE UNDERDRAINS		
STORM SEWER		
CATCH BASIN		
INLET		
MANHOLE		
END SECTION		
CONCRETE HEADWALL FOR PIPE DRAINS		
STRUCTURES		S-XXX
PIPES		P-XXX

PROPOSED DRAINAGE STRUCTURE SCHEDULE

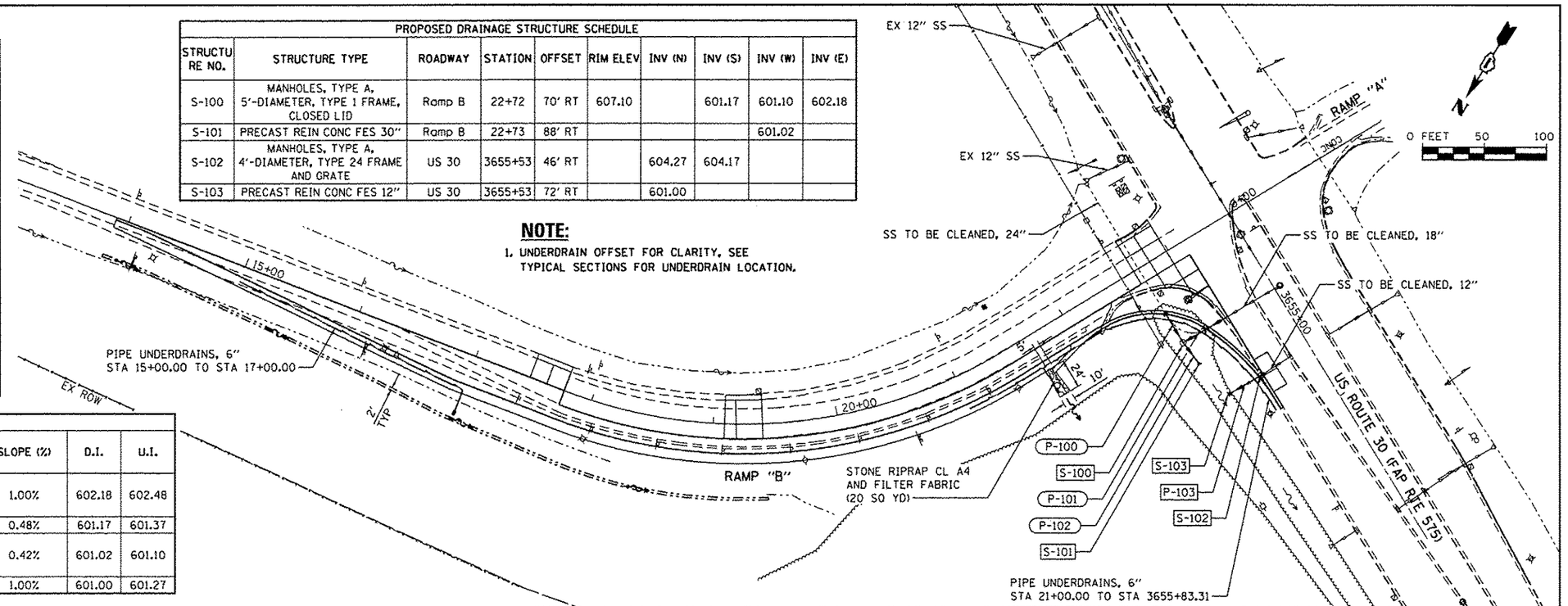
STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)
S-100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	Ramp B	22+72	70' RT	607.10		601.17	601.10	602.18
S-101	PRECAST REIN CONC FES 30"	Ramp B	22+73	88' RT				601.02	
S-102	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	US 30	3655+53	46' RT		604.27	604.17		
S-103	PRECAST REIN CONC FES 12"	US 30	3655+53	72' RT		601.00			

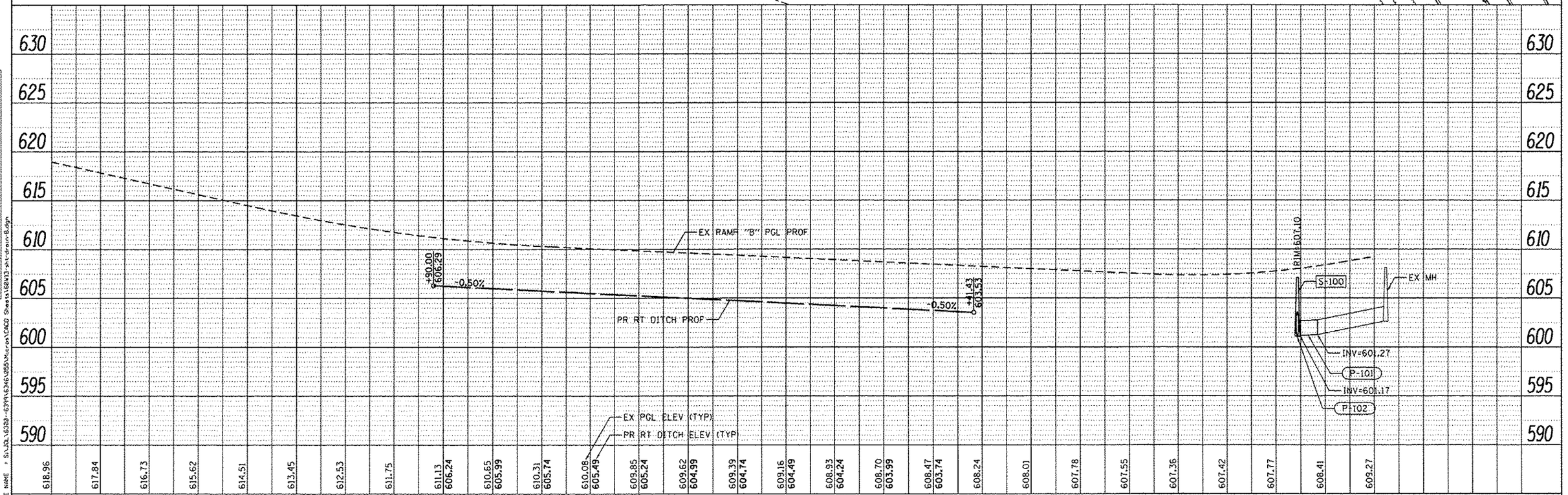
NOTE:

1. UNDERDRAIN OFFSET FOR CLARITY, SEE TYPICAL SECTIONS FOR UNDERDRAIN LOCATION.

STORM SEWER PIPE SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	D.I.	U.I.
P-100	Existing	S-100	30	24	CLASS A, TYPE 2	1.00%	602.18	602.48
P-101	Existing	S-100	42	18	CLASS A, TYPE 2	0.48%	601.17	601.37
P-102	S-100	S-101	19	30	CLASS A, TYPE 2	0.42%	601.02	601.10
P-103	S-102	S-103	27	12	CLASS A, TYPE 2	1.00%	601.00	601.27





PLAN — SURVEYED / PLOTTED / GRADES CHECKED / BLM. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BLM. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

FILE NAME = S:\JOL\6300--6399\6346\055\Micros\CADD Sheets\60W13-sht-drain-B.dgn

STRAND ASSOCIATES — 1170 SOUTH HOUBOLT ROAD, JOLIET, ILLINOIS 60431, (815) 744-4200	USER NAME = dennisw	DESIGNED - JLB	REVISED -
	MODEL NAME = Default	DRAWN - DJW	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - BMA	REVISED -
	PLOT DATE = 12/18/2013	DATE - 12/17/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
RAMP "B"

SCALE: 50H-5V | SHEET 1 OF 2 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14-N	WILL	163	45

CONTRACT NO. 60W13

ILLINOIS FED. AID PROJECT