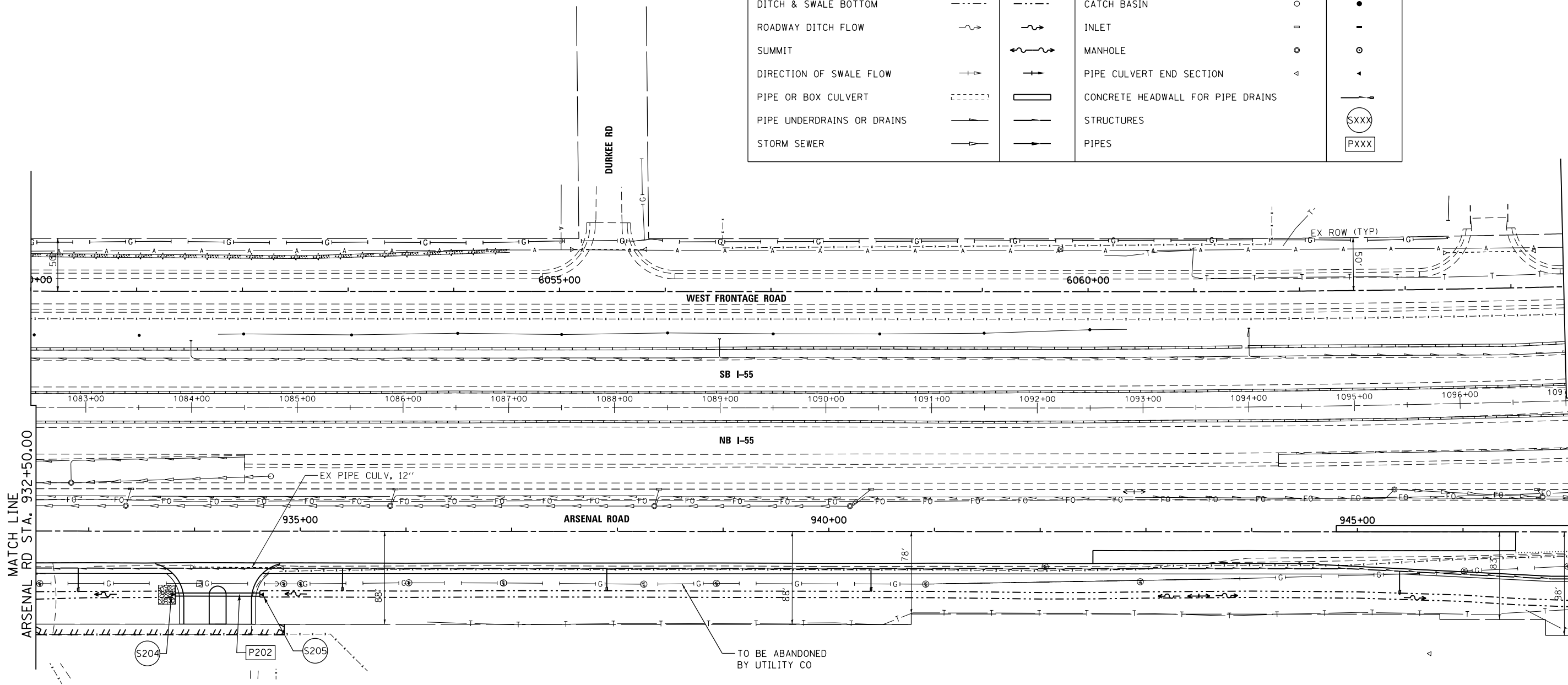


**LEGEND**

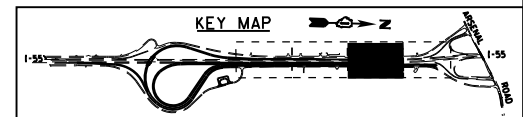
BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED	BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM	---	---	CATCH BASIN	○	●
ROADWAY DITCH FLOW	~>	~>	INLET	□	—
SUMMIT	—	~>	MANHOLE	○	⊙
DIRECTION OF SWALE FLOW	—>	—>	PIPE CULVERT END SECTION	◁	◁
PIPE OR BOX CULVERT	---	---	CONCRETE HEADWALL FOR PIPE DRAINS	—	—
PIPE UNDERDRAINS OR DRAINS	---	---	STRUCTURES	⊙	⊙
STORM SEWER	---	---	PIPES	⊙	⊙



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

END SECTION NUMBER	STATION	OFFSET (FT)	TYPE OF STRUCTURE	INVERT ELEVATION
S-204	933+81.88	60.00	PRECAST BOX CULVERT ES, CULV NO. 3	542.30
S-205	934+61.88	60.00	PRECAST BOX CULVERT ES, CULV NO. 3	542.66

PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (FT)	PIPE TYPE	SLOPE %	TBF (CY)	DOWNSTREAM INVERT	UPSTREAM INVERT
P-202	S-204	S-205	80	3'X2'	PRECAST CONCRETE BOX CULVERTS	0.45	8	542.30	542.66



FILE NAME = S:\JOL\6300-6399\6346\045\Micro\CAD Sheets\01680P51-SHT-DRAIN02.dgn



USER NAME = dennisw	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - JKP/DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - BMA	REVISED -
PLOT DATE = 2/18/2014	DATE - 12-5-12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARSENAL ROAD DRAINAGE AND UTILITY PLAN**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 932+50.00 TO STA. 947+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-IAC-2	WILL	102	42

CONTRACT NO. 60P51  
ILLINOIS FED. AID PROJECT