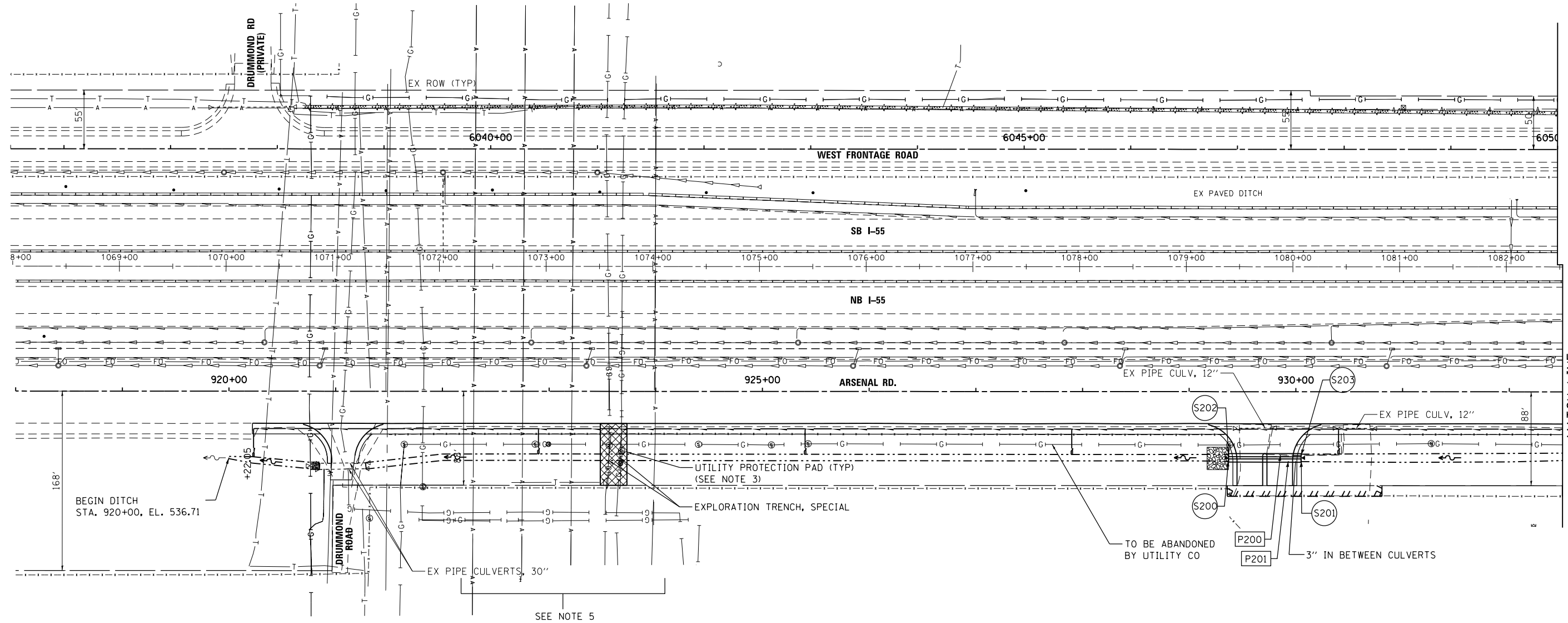
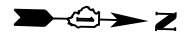


LEGEND

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		⊙

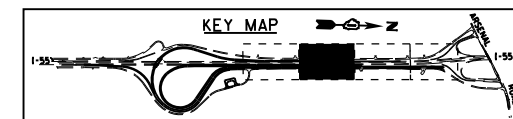
NOTES:

1. AT ALL UTILITY PIPELINE CROSSINGS OR AT LOCATIONS DIRECTED BY THE ENGINEER, ALL EARTH EXCAVATION AND ROCK EXCAVATION SHALL BE PERFORMED WITH HAND TOOLS OR OTHER NONDESTRUCTIVE METHODS APPROVED BY THE ENGINEER OR THE PIPELINE OWNER AS OUTLINED IN THE SPECIAL PROVISION, EXISTING PIPELINE COMPANIES REQUIREMENTS.
2. IN THE VICINITY OF ANY UTILITY CROSSINGS, DETERMINING THE LOCATION OF THE UTILITY SHALL BE PAID FOR AS "EXPLORATION TRENCH, SPECIAL" TO AN ELEVATION AS DIRECTED BY THE ENGINEER.
3. CONTRACTOR MUST COORDINATE WITH TEPPCO AND ALLIANCE FOR UTILITY PROTECTION PADS AND RELOCATION OF EXISTING MONITORING STATIONS.
4. UNDERDRAIN OFFSET FOR CLARITY. SEE TYPICAL SECTIONS FOR UNDERDRAIN LOCATION.
5. CONTRACTOR SHALL CONTACT THOMAS MAHAR FROM COMED AT 815-724-5010 IF OSHA CLEARANCE REQUIREMENTS UNDER OVERHEAD WIRES CANNOT BE MET.



END SECTION NUMBER	STATION	OFFSET (FT)	TYPE OF STRUCTURE	INVERT ELEVATION
S-200 & S-202	929+36.92	62.00	PRECAST BOX CULVERT ES, CULV NO. 1&2	540.31
S-201 & S-203	930+04.92	62.00	PRECAST BOX CULVERT ES, CULV NO. 1&2	540.61

PIPE NO.	FROM	TO	LENGTH (FT)	SIZE (FT)	PIPE TYPE	SLOPE %	TBF (CY)	DOWNSTREAM INVERT	UPSTREAM INVERT
P-200+201	S-200 & S-202	S-201 & S-203	76	4'X2'	PRECAST CONCRETE BOX CULVERTS	0.45	14	540.29	540.63



FILE NAME = SA\JOL\6300-6399\6346\045\Micro\CAD\ Sheets\0160P51-SHT-DRAW\01.dgn



USER NAME = dennisw	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - JKP/DJW	REVISED -
PLOT SCALE = 100.0000' / 1\"/>		
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 1 OF 3 SHEETS STA. 918+00.00 TO STA. 932+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-IAC-2	WILL	102	41
CONTRACT NO. 60P51			ILLINOIS FED. AID PROJECT	