

**Legend**

EXISTING	PROPOSED
⊙ <sub>1/2"</sub> IRON ROD	⊙ <sub>1/2"</sub> FUTURE SAN. MANHOLE
⊙ <sub>1/2"</sub> IRON PIPE	— 12" — FUTURE SANITARY SEWER
× RAILROAD SPIKE	— 18" — FUTURE FORCEMAIN
× P.K. NAIL	— 18" — FUTURE STORM SEWER
⊙ RIGHT-OF-WAY MARKER	— 18" — WATERMAIN W/ SIZE
⊕ "X" IN CONCRETE	⊕ GATE VALVE
⊕ CORNER STONE	⊕ FIRE HYDRANT
⊕ BENCHMARK	⊕ EASEMENT
→ DOWN GUY	
⊕ DOWN GUY POLE	
⊕ STREET LIGHT	
⊕ POWER POLE	
⊕ UNDERGROUND ELECTRIC BOX	
⊕ ELECTRIC METER	
⊕ ELECTRIC MANHOLE	
— 12" — UNDERGROUND ELECTRIC LINE	
— 12" — OVERHEAD ELECTRIC LINE	
⊕ UNDERGROUND TELEPHONE BOX	
⊕ TELEPHONE MANHOLE	
— 12" — UNDERGROUND TELEPHONE LINE	
— 12" — OVERHEAD TELEPHONE LINE	
— 12" — FIBER OPTIC LINE	
⊕ GAS VALVE	
— 12" — GAS LINE	
⊕ FIRE HYDRANT	
⊕ WATER VALVE	
⊕ WATER METER	
— 12" — WATERMAIN LINE WITH SIZE	
— 12" — SLUDGE LINE WITH SIZE	
⊕ CURB INLET	
⊕ CATCH BASIN	
⊕ STORM MANHOLE	
— 10" — ST — STORM SEWER WITH SIZE	
⊕ SANITARY SEWER MANHOLE	
— 10" — SAN — SANITARY SEWER WITH SIZE	
— 12" — CORRUGATED METAL PIPE	
— 12" — CONCRETE CULVERT	
⊕ WELL WITH NUMBER	
⊕ TREE WITH DIAMETER	
⊕ EVERGREEN SAMPLING	
⊕ EVERGREEN TREE WITH DIAMETER	
— TREE LINE	
⊕ SIGN	
⊕ BORING W/ NUMBER	
— GULLIGATION LINE	
— FENCE	
— CONTOUR LINE	
— BUILDING LINE	
— R.O.M. LINE	

**Benchmarks**

CHEELED SQUARE ON S. CENTER OF CONC. SIGN BASE FOR PONTIAC IV ENTRANCE  
E.L. 646.27 FIELD BOOK 2471/31

CHEELED SQUARE ON CENTERLINE OF E. END OF EAST-WEST CONC. CULVERT UNDER 1579E ON N. SIDE OF 2000V  
E.L. 644.67 FIELD BOOK 2471/31

CHEELED SQUARE AT NW CORNER OF DOUBLE BOX CULVERT 600± W. OF AIRPORT BUILDING.  
E.L. 647.03 FIELD BOOK 2471/34

CHEELED SQUARE AT SW CORNER OF CONC. TRANSFORMER PAD 50± W. OF SW COR. OF AIRPORT BUILDING.  
E.L. 654.37 FIELD BOOK 2471/34

**General Notes**

1. THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS 8TH EDITION SHALL APPLY TO THIS WORK.
2. CONTRACTOR TO COMPLY WITH PROTECTION OF WATER MAINS IN ACCORDANCE WITH 35 IL. ADM CODE 653.119.
3. THE UTILITY COMPANIES HAVE BEEN NOTIFIED OF THE UPENDING PROJECT. EXISTING UNDERGROUND UTILITIES WERE FIELD LOCATED FOR THE PREPARATION OF THE PLANS, BUT ARE BASED ON UTILITY COMPANY FURNISHED INFORMATION AND ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY BEFORE ANY CONSTRUCTION WORK HAS BEGUN, OF OBTAINING FROM ALL UTILITIES THE EXACT LOCATION OF ANY UNDERGROUND FACILITIES IN THE AREA OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT. ANY FACILITIES DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY HIM AT HIS OWN EXPENSE. THE CONTRACTOR SHALL COORDINATE WITH THE PROPER UTILITY THE RELOCATION OF ANY FACILITY DESIGNATED ON THE PLANS OR DEEMED NECESSARY TO BE BY THE ENGINEER IN ORDER TO COMPLETE CONSTRUCTION OF THE PROJECT.

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS BUILT QUANTITY
AR760630	WATER VALVE-6"	EA	6	
AR760631	WATER VALVE-12"	EA	6	
AR760600	FIRE HYDRANT	EA	6	
AR760502	2" DUCTILE IRON WATERMAIN	LF	5	
AR760506	6" DUCTILE IRON WATERMAIN	LF	160	
AR760508	8" DUCTILE IRON WATERMAIN	LF	480	
AR760512	12" DUCTILE IRON WATERMAIN	LF	6100	
AR760820	20" DUCTILE IRON WATERMAIN CASING	LF	41	
AR76081D	WATER METER	EA	1	
AR50180R	8" PCC PAVEMENT	SY	25	
AR701230	TRENCH BACKFILL	CY	65	
AR90121D	SEEDING	AC	0.30	
AR760999	WELL ABANDONMENT	EA	2	

ENGINEERS  
ARCHITECTS  
SURVEYORS  
SCIENTISTS

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REV.	DATE	DESCRIPTION
1	11/21/04	REVISED SITE OF WATERMAIN
2	02/20/06	REVISED PER SUBMITTAL
3	07/11/06	REVISED PER CITY COMMENTS
4	06/20/06	REVISED PER REV QUANTITY LIST

CITY OF PONTIAC

**MUNICIPAL AIRPORT WATERMAIN IMPROVEMENTS**

LIVINGSTON COUNTY, ILLINOIS

Date: 10-12-04  
Design/Drawn: DAB/GLB  
Approved: BDF  
Book No.: 2471A2  
Project No.: 104779

LEGEND, BENCHMARKS, GENERAL NOTES & SUMMARY OF QUANTITIES