

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Robert B. Ludgate Sr.	13. ROLE IN THIS CONTRACT Professional Land Surveyor Professional Engineer Principal In-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 47	b. WITH CURRENT FIRM 31

15. FIRM NAME AND LOCATION *(City and State)*
Ludgate Engineering Corporation, Inc.

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Civil/Structural Engineering, Clarkson College	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer, PA, NY and VT Professional Land Surveyor, PA and NY
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
**PSLS, NYSAPLS, ASCE, Reading Rotary
1995 Engineer of the Year (by PA Society of Professional Engineers)
Reading PA Society of PE and Reading Branch ASCE**

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Redevelopment: Phoenixville Steel Site	1987 – Present	ongoing
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Topographic and boundary survey of 130 acre abandoned steel mill site; master plan for redevelopment; individual project site plans for 5 separate redevelopment parcels stemming from Master Plan to date. Individual projects are elderly apartments, town homes, retail space and office buildings.	<input type="checkbox"/> Check if project performed with current firm <input checked="" type="checkbox"/>	
Acting City Engineer/Public Works Director, Reading PA	1996	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Asked to fill in after retirement of long-time City Engineer; continued as Public Works Director. Created the department organization plan when the city charter enlarged the 7 person engineering department to include 10 departments and 120 people into the public works.	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	
Consolidated Public Works Facility, Reading PA	2003	2005
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Study of Department Operations, Conceptual Plan of Facility, Site Selection, Survey and Mapping, Site Development Plan to consolidate 6 departments in 2 buildings on 1 mid-city site.	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	
Borough of Phoenixville "Growing Greener" grant, Phoenixville, PA	2003-2005	2005
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Conducted flood studies of the French Creek through the entire borough, provided conceptual plans of floodway improvements and prepared a revised floodplain map.	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	
Eighteenth Ward Sewers, Reading PA	2002	2003
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Survey of routes of 18" interceptor sewer, force main, headworks site; design of the interceptor, and the site plan for the 18 M/G/D pump station.	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	