

Project Summary and Justification

Department Finance

Division Communications

Project 1 Back-Up Conventional Radio Repeaters and Data Capable Equipment

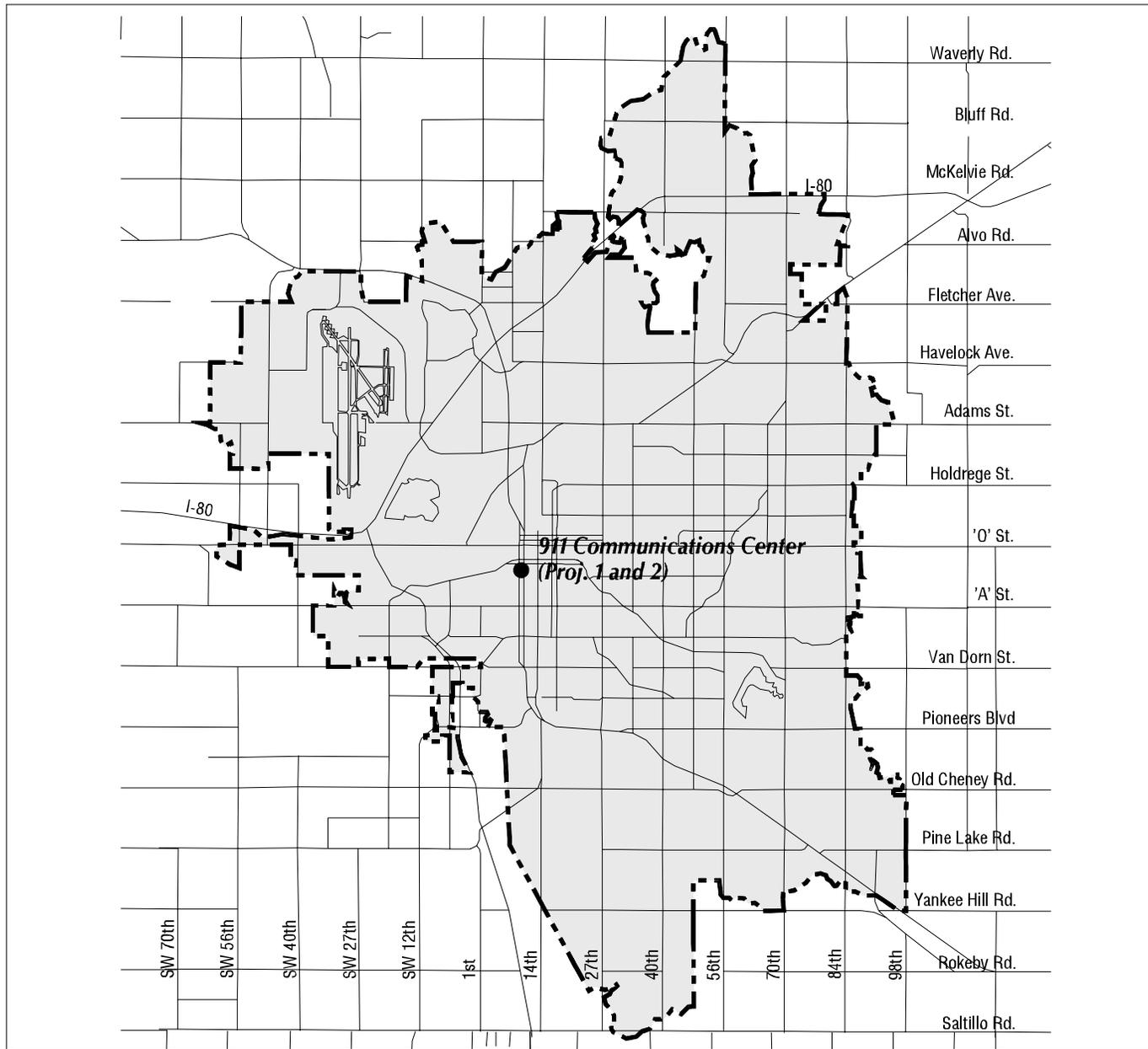
The installation of 5 repeater sites, including radio equipment, GPS equipment, antennae, and cables must be developed and constructed. These repeater sites would provide public safety and other governmental users of the radio system with a line of redundancy that does not exist today. Failure of one or more of the existing radio tower sites, 14th/Military and Jensen Park, could render the entire system inoperable or at the least greatly limit radio coverage in many areas. This system could also be designed to provide an infrastructure for mobile data applications that City Departments wish to implement, including but not limited to AVL (automatic vehicle location). Request funding of \$250,000 for 2001/2002.

Project 2 Replacement 911 Telephone System

The Communications/911 Center currently operates a 50 line lamp and key telephone system which operates on a Plant Equipment, Inc. 911 Maarsview Switch. This system was installed by Lincoln Telephone and is currently maintained by Alltel Communications. This telephone system is very near capacity and with the advent of multiple cellular providers in the Lincoln 911 service area the need to replace this system is great. Due to the current system design there are currently three cellular providers routing their 911 traffic to the 911 Center's non-emergency 7 digit telephone line. Few if any of the existing Plant 911 system's components are reusable or upgradable and replacement of the 911 switching system as well as the end-user equipment is imperative in the future. The type of replacement system being considered provides for a 90 line telephone system giving the system room for growth over the following years. Request funding of \$375,000 for 2002/2003.

Lincoln CIP 2001 - 2007

Finance Communications



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Lincoln Future Service Limit Shown as Grey

Map prepared by
City - Co. Planning Dept
GIS Section



Projects 1 and 2 are located at the 911
Communications Center (575 South 10th St)

List of Projects *Department: Finance / Communications*

Project Number	Project Title
1.	Back-Up Conventional Radio Repeaters and Data Capable Equipment
2.	Replacement 911 Telephone System

*Project number in parenthesis indicates project is not shown on the map.

2001 - 2007 CAPITAL IMPROVEMENT PROGRAM

DIVISION: COMMUNICATIONS / 911

(1)	(2)	(3)	5% Inflation per year (4)						
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						
			2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	2006-2007 FS	
1	Back-up Conventional Radio Repeaters and Data Capable Equipment	A	250.0 GR						
2	Replacement of 911 Telephone System	A		375.0 GR					
FUNDING SOURCE BREAKDOWN:									
(GR) General Revenues			250.0	375.0					
DIVISION TOTALS:			=====	=====					
			250.0	375.0					

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)		
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2006-2007 (000's)	PRIOR APPROPRIATIONS (000's)		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.		
		YEAR	FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)	
250.0	None	None		250.0	GCP	1						250.0		1
375.0	None	None		375.0	GCP	1						375.0		2
625.0														
625.0														