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RADIO SYSTEM COST SUMMARIES

DEPARTMENT OF PUBLIC SAFETY 800 MHZ TRANSITION

Radio system costs are categorized into radio infrastructure costs, dispatch equipment costs, and user equipment such as portable or mobile radios.
 Infrastructure costs are those costs associated with facilities, ant. towers, microwave systems, and power systems required to support a radio system.

RADIO SYSTEM COSTS

NETWORK UPGRADES	4,649,975.00
RADIO REPEATERS/CONTROLLERS	
DISPATCH EQUIPMENT	1,166,550.00
USER EQUIPMENT	NOTE 1
SERVICES	2,014,685.00

RADIO SYSTEM SUBTOTAL 7,831,210.00

INFRASTRUCTURE UPGRADES

FACILITIES AND MICROWAVE

2,624,856.00

SYSTEM SUBTOTAL 10,456,066.00

User equipment consists primarily of portable and mobile radio equipment. User equipment comprises the majority of costs for a system. The user equipment can range in costs of \$2000/unit to \$5500/unit based on options, capacity, and capability. The higher end costs are also based on the new P25 digital standard.

The DPS includes both highway funded and non highway funded or general fund Divisions. Based on current inventories, and ratio of portable radios to mobile radios, the following costs are provided.

USER EQUIPMENT

	DPS	LIST CST. EA.	
HIGHWAY FUND	1400	\$3,000.00	\$4,200,000.00
NON-HIGHWAY FUND	600	\$3,000.00	\$1,800,000.00

SYSTEM TOTALS	
HIGHWAY FUND	14,656,066.00
GENERAL FUND	\$1,800,000.00

Note: 1 Determination of type, model and options of user equipment must be completed.