

34A.1 Purpose.

The legislature finds that enhanced 911 emergency telephone communication systems further the public interest and protect the health, safety, and welfare of the people of Iowa. The purpose of this chapter is to enable the orderly development, installation, and operation of enhanced 911 emergency telephone communication systems statewide. These systems are to be operated under governmental management and control for the public benefit.

34A.2 Definitions.

As used in this chapter, unless the context otherwise requires:

1. "Access line" means a local exchange access line that has the ability to access local dial tone and reach a local public safety agency.
 2. "Administrator" means the E911 administrator appointed pursuant to section 34A.2A.
 3. "Enhanced 911" or "E911" means a service which provides the user of a public telephone system the ability to reach a public safety answering point by dialing the digits 911, and which has the following additional features:
 - a. Routes an incoming 911 call to the appropriate public safety answering point selected from the public safety answering points operating in a 911 service area.
 - b. Automatically displays the name, address, and telephone number of an incoming 911 call and public safety agency servicing the address on a video monitor at the appropriate public safety answering point.
 4. "Enhanced 911 service area" means the geographic area to be serviced, or currently serviced under an enhanced 911 service plan, provided that an enhanced 911 service area must at minimum encompass one entire county. The enhanced 911 service area may encompass more than one county, and need not be restricted to county boundaries.
 5. "Enhanced 911 service plan" means a plan that includes the following information:
 - a. A description of the enhanced 911 service area.
 - b. A list of all public and private safety agencies within the enhanced 911 service area.
 - c. The number of public safety answering points within the enhanced 911 service area.
 - d. Identification of the agency responsible for management and supervision of the enhanced 911 emergency telephone communication system.
 - e. A statement of estimated costs to be incurred by the joint E911 service board, including separate estimates of the following:
 - (1) Nonrecurring costs, including, but not limited to, public safety answering points, network equipment, software, database, addressing, initial training, and other capital and start-up expenditures, including the purchase or lease of subscriber names, addresses, and telephone information from the local exchange service provider.
 - (2) Recurring costs, including, but not limited to, network access fees and other telephone charges, software, equipment, and database management, and maintenance, including the purchase or lease of subscriber names, addresses, and telephone information from the local exchange service provider. Recurring costs shall not include personnel costs for a public safety answering point.Funds deposited in an E911 service fund shall be appropriated and used for the payment of costs which are limited to nonrecurring and recurring costs directly attributable to the provision of 911 emergency telephone communication service and may include costs for portable and vehicle radios, communication towers and associated equipment, and other radios and equipment permanently located at the public safety answering point. Costs do not include expenditures for any other purpose, and specifically exclude costs attributable to other emergency services or expenditures for buildings or personnel, except for the costs of personnel for database management and personnel directly associated with addressing.
 - f. Current equipment operated by affected providers, and central office equipment and technology upgrades necessary for the provider to implement enhanced 911 service within the enhanced 911 service area on or before July 1, 1992.
 - g. A schedule for implementation of the plan throughout the E911 service area. The schedule may provide for phased implementation. However, a joint 911 service board may decide not to implement E911 service.
 - h. The number of telephone access lines in the enhanced 911 service area.
 - i. The total property valuation in the enhanced 911 service area.
6. "Enhanced 911 service surcharge" is a charge set by the E911 service area operating authority and assessed on each access line which physically terminates within the E911 service area.

7. "Local exchange service provider" means a person engaged in providing telecommunications service between points within an exchange.

8. "Provider" means a person who provides, or offers to provide, E911 equipment, installation, maintenance, or exchange access services within the enhanced 911 service area.

9. "Public or private safety agency" means a unit of state or local government, a special purpose district, or a private firm which provides or has the authority to provide fire fighting, police, ambulance, or emergency medical services.

10. "Public safety answering point" means a twenty-four hour local jurisdiction communications facility which receives enhanced 911 service calls and directly dispatches emergency response services or relays calls to the appropriate public or private safety agency.

34A.2A Administrator--appointment--duties.

The administrator of the division of emergency management of the department of public defense shall appoint an E911 administrator to administer this chapter. The E911 administrator shall act under the supervisory control of the administrator of the division of emergency management of the department of public defense, and in consultation with the E911 communications council, and perform the duties specifically set forth in this chapter

34A.3 Joint 911 service board--911 service plan--implementation--waivers.

1. *Joint 911 service boards to submit plans.* The board of supervisors of each county shall establish a joint 911 service board not later than January 1, 1989. Each political subdivision of the state having a public safety agency serving territory within the county is entitled to voting membership on the joint 911 service board. Each private safety agency operating within the area is entitled to nonvoting membership on the board. A township which does not operate its own public safety agency, but contracts for the provision of public safety services, is not entitled to membership on the joint 911 service board, but its contractor is entitled to membership according to the contractor's status as a public or private safety agency. The joint 911 service board shall develop an enhanced 911 service plan encompassing at minimum the entire county, unless an exemption is granted by the administrator permitting a smaller E911 service area. The administrator may grant a discretionary exemption from the single county minimum service area requirement based upon an E911 joint service board's or other E911 service plan operating authority's presentation of evidence which supports the requested exemption if the administrator finds that local conditions make adherence to the minimum standard unreasonable or technically infeasible, and that the purposes of this chapter would be furthered by granting an exemption. The minimum size requirement is intended to prevent unnecessary duplication of public safety answering points and minimize other administrative, personnel, and equipment expenses. An E911 service area must encompass a geographically contiguous area. No exemption shall be granted from the contiguous area requirement. The administrator may order the inclusion of a specific territory in an adjoining E911 service plan area to avoid the creation by exclusion of a territory smaller than a single county not serviced by surrounding E911 service plan areas upon request of the joint 911 service board representing the territory. The E911 service plan operating authority shall submit the plan on or before January 1, 1994, to all of the following:

a. The administrator.

b. Public and private safety agencies in the enhanced 911 service area.

c. Providers affected by the enhanced 911 service plan.

An E911 joint service board that has a state-approved service plan in place prior to July 1, 1993, is exempt from the provisions of this section. The administrator shall establish, by July 1, 1994, E911 service plans for those E911 joint service boards which do not have a state-approved service plan in place on or before January 1, 1994.

The administrator shall prepare a summary of the plans submitted and present the summary to the legislature on or before August 1, 1994.

2. *Compliance waivers available in limited circumstances.* The administrator may extend, in whole or in part, the time for implementation of an enhanced 911 service plan beyond the scheduled plan of implementation, by issuance of a compliance waiver. The waiver shall be based upon a joint 911 service board's presentation of evidence which supports an extension if the administrator finds that local conditions make implementation financially unreasonable or technically infeasible by the originally scheduled plan of implementation. The compliance waiver shall be for a set period of time, and subject to review and renewal or denial of renewal upon its expiration. The waiver may cover

all or a portion of a 911 service plan's enhanced 911 service area to facilitate phased implementation when possible. The granting of a compliance waiver does not create a presumption that the identical or similar waiver will be extended in the future. Consideration of compliance waivers shall be on a case-by-case basis.

3. *Chapter 28E agreement--alternative to joint 911 service board.* A legal entity created pursuant to chapter 28E by a county or counties, other political divisions, and public or private agencies to jointly plan, implement, and operate a countywide, or larger, enhanced 911 service system may be substituted for the joint 911 service board required under subsection 1.

An alternative legal entity created pursuant to chapter 28E as a substitute for a joint 911 service board, as permitted by this subsection, may be created by either:

a. Agreement of the parties entitled to voting membership on a joint 911 service board.

b. Agreement of the members of a joint 911 service board.

An alternative chapter 28E entity has all of the powers of a joint 911 service board and any additional powers granted by the agreement. As used in this chapter, "*joint 911 service board*" includes an alternative chapter 28E entity created for that purpose, except as specifically limited by the chapter 28E agreement or unless clearly provided otherwise in this chapter. A chapter 28E agreement related to E911 service shall permit the participation of a private safety agency or other persons allowed to participate in a joint 911 service board, but the terms, scope, and conditions of participation are subject to the chapter 28E agreement.

4. *Participation in joint E911 service board required.* A political subdivision or state agency having a public safety agency within its territory or jurisdiction shall participate in a joint E911 service board and cooperate in preparing the E911 service plan.

34A.4 Required conversion of pay telephones to allow 911 calls without depositing coins or other charge.

1. *Conversion and notice required.* When an enhanced 911 service system becomes operational or as soon as feasible thereafter, each provider or other owner or lessee of a pay station telephone to be operated within the enhanced 911 service area shall do the following:

a. Convert each telephone to permit a caller to dial 911 without first inserting a coin or paying any other charge.

b. Prominently display on each pay telephone a notice advising callers to dial 911 in an emergency and that deposit of a coin is not required.

2. *Certain pay phones prohibited within service area.* After commencement of enhanced 911 service in an enhanced 911 service area, a person shall not install or offer for use within the 911 service area a pay station telephone unless the telephone is capable of accepting a 911 call without prior insertion of a coin or payment of any other charge, and unless the telephone displays notice of free 911 service

34A.5 Private listing subscribers and 911 service.

Private listing subscribers in an enhanced 911 service area waive the privacy afforded by nonlisted or nonpublished numbers to the extent that the name and address associated with the telephone number may be furnished to the enhanced 911 service system, for all routing, for automatic retrieval of location information, and for associated emergency services.

34A.6 Referendum on E911 in proposed service area.

1. Before a joint E911 service board may request imposition of the surcharge by the administrator, the board shall submit the following question to voters, as provided in subsection 2, in the proposed E911 service area, and the question shall receive a favorable vote from a simple majority of persons submitting valid ballots on the following question within the proposed E911 service area:

(1) The administrator shall notify a provider scheduled to provide exchange access line service to an E911 service area, that implementation of an E911 service plan has been approved by the joint 911 service board and by the service area referendum, and that collection of the surcharge is to begin within one hundred days.

(2) The notice shall be provided at least one hundred days before the surcharge must be billed for the first time.

c. The surcharge shall terminate at the end of twenty-four months, unless either, or both, of the following conditions is met:

(1) E911 service is initiated for all or a part of the E911 service area.

(2) An extension is granted by the administrator for good cause.

d. The surcharge shall terminate at the end of twenty-four months if the joint E911 service plan has not been approved by the administrator within eighteen months of the original notice to the provider to impose the surcharge, and shall not be reimposed until a service plan is approved by the administrator and the administrator gives providers notice as required by paragraph "a", subparagraphs (1) and (2).

2. *Surcharge collected by providers.* The surcharge shall be collected as part of the access line service provider's periodic billing to a subscriber. In compensation for the costs of billing and collection, the provider may retain one percent of the gross surcharges collected. If the compensation is insufficient to fully recover a provider's costs for billing and collection of the surcharge, the deficiency shall be included in the provider's costs for ratemaking purposes to the extent it is reasonable and just under section 476.6. The surcharge shall be remitted to the E911 service operating authority for deposit into the E911 service fund quarterly by the provider. A provider is not liable for an uncollected surcharge for which the provider has billed a subscriber but not been paid. The surcharge shall appear as a single line item on a subscriber's periodic billing entitled, "E911 emergency telephone service surcharge". The E911 service surcharge is not subject to sales or use tax.

3. *Maximum limit per subscriber billing for surcharge.* An individual subscriber shall not be required to pay on a single periodic billing the surcharge on more than one hundred access lines, or their equivalent, in an E911 service area. A subscriber shall pay the surcharge in each E911 service area in which the subscriber receives access line service.

4. *E911 service fund.* Each joint E911 service board shall establish and maintain as a separate account an E911 service fund. Any funds remaining in the account at the end of each fiscal year shall not revert to the general funds of the member political subdivisions, except as provided in subsection 5, but shall remain in the E911 service fund. Moneys in an E911 service fund may only be used for nonrecurring and recurring costs of the E911 service plan as approved by the administrator, as those terms are defined by section 34A.2.

5. *Use of moneys in fund--priority and limitations on expenditure.*

a. Moneys deposited in the E911 service fund shall be used for the repayment of any bonds issued for the benefit of or loan made to the joint E911 service board pursuant to sections 34A.20 through 34A.22, and as long as any such bond or loan remains unpaid the surcharge shall not be reduced or eliminated. Moneys deposited in the fund shall be subject to such terms and conditions as may be contained in the relevant bond documents, trust indenture, resolution, loan agreement, or other instrument pursuant to which bonds are issued or a loan is made, without regard to any limitation otherwise provided by law. The surcharge may be increased, but shall not exceed the maximum allowed in subsection 1, upon approval of the authority upon such terms and conditions as may be contained in the relevant bond documents, trust indenture, resolution, loan agreement, or other instrument pursuant to which bonds are issued or a loan is made, as deemed necessary or prudent by the authority to secure repayment and assure marketability or a reasonable interest rate.

b. Moneys deposited in the E911 service fund shall be used for the following, in order of priority if paragraph "a" does not apply:

(1) Money shall first be spent for actual recurring costs of operating the E911 service plan.

(2) If money remains in the fund after fully paying for recurring costs incurred in the preceding year, the remainder may be spent to pay for nonrecurring costs, not to exceed actual nonrecurring costs as approved by the administrator.

(3) If money remains in the fund after fully paying obligations under subparagraphs (1) and (2), the remainder may be accumulated in the fund as a carryover operating surplus. If the surplus is greater than twenty-five percent of the approved annual operating budget for the next year, the administrator shall reduce the surcharge by an amount calculated to result in a surplus of no more than twenty-five percent of the planned annual operating budget. After nonrecurring costs have been paid, if the surcharge is less than the maximum allowed and the fund surplus is less than twenty-five percent of the approved annual operating budget, the administrator shall, upon application of the joint E911 service board, increase the surcharge in an amount calculated to result in a surplus of twenty-five percent of the approved annual operating budget. The surcharge may only be adjusted once in a single year, upon one hundred days' prior notice to the provider.

6. *Limitation of actions--provider not liable on cause of action related to provision of 911 services.* A claim or cause of action does not exist based upon or arising out of an act or omission in connection with a land-line or wireless provider's participation in an E911 service plan or provision of 911 or local exchange access service, unless the act or omission is determined to be willful and wanton negligence.

7. *Referendum on adjusting maximum of approved surcharge.* If a local option E911 service surcharge was approved by referendum prior to April 4, 1990, the maximum E911 service surcharge monetary limitation may be amended up to a total of one dollar, per month, per access line, by another referendum as provided in section 34A.6. A joint E911 service board may adjust its E911 service surcharge within the monetary limitation approved by referendum as provided under this subsection by a simple majority vote of the voting members. As a result of the adjustment, the E911 service surcharge, per month, per access line, on each access line subscriber, except as provided in subsection 5, shall not exceed the lowest amount of the following:

a. One dollar.

b. An amount less than one dollar, which would fully pay both recurring and nonrecurring costs of the E911 service system within five years from the date of the adjustment.

c. The maximum monetary limitation approved by referendum.

34A.7A Wireless communications surcharge--fund established--distribution and permissible expenditures.

1. a. Notwithstanding section 34A.6, the administrator shall adopt by rule a monthly surcharge of up to fifty cents to be imposed on each wireless communications service number provided in this state. The surcharge shall be imposed uniformly on a statewide basis and simultaneously on all wireless communications service numbers as provided by rule of the administrator.

b. The administrator shall provide no less than one hundred days' notice of the surcharge to be imposed to each wireless communications service provider. The administrator, subject to the fifty cent limit in paragraph "a", may adjust the amount of the surcharge as necessary, but no more than once in any calendar year.

c. The surcharge shall be collected as part of the wireless communications service provider's periodic billing to a subscriber. In compensation for the costs of billing and collection, the provider may retain one percent of the gross surcharges collected. The surcharges shall be remitted quarterly by the provider to the administrator for deposit into the fund established in subsection 2. A provider is not liable for an uncollected surcharge for which the provider has billed a subscriber but which has not been paid. The surcharge shall appear as a single line item on a subscriber's periodic billing indicating that the surcharge is for E911 emergency telephone service. The E911 service surcharge is not subject to sales or use tax.

2. Moneys collected pursuant to subsection 1 shall be deposited in a separate wireless E911 emergency communications fund within the state treasury under the control of the administrator. Section 8.33 shall not apply to moneys in the fund. Moneys earned as income, including as interest, from the fund shall remain in the fund until expended as provided in this section. Moneys in the fund shall be expended and distributed annually as follows:

a. An amount as appropriated by the general assembly to the administrator for implementation, support, and maintenance of the functions of the administrator.

b. (1) The administrator shall retain funds necessary to reimburse wireless carriers for their costs to deliver E911 services. The administrator shall assure that wireless carriers recover all eligible costs associated with the implementation and operation of E911 services, including but not limited to hardware, software, and transport costs. The administrator shall adopt rules defining eligible costs which are consistent with federal law, regulations, and any order of a federal agency.

(2) The administrator shall provide for the reimbursement of wireless carriers on a quarterly basis. If the total amount of moneys available in the fund for the reimbursement of wireless carriers pursuant to subparagraph (1) is insufficient to reimburse all wireless carriers for such carriers' eligible expenses, the administrator shall remit an amount to each wireless carrier equal to the percentage of such carrier's eligible expenses as compared to the total of all eligible expenses for all wireless carriers for the calendar quarter during which such expenses were submitted.

c. (1) The remainder of the surcharge collected shall be remitted to the administrator for distribution to the joint E911 service boards and the department of public safety pursuant to subparagraph (2) to be used for the implementation of enhanced wireless communications capabilities.

(2) The administrator, in consultation with the E911 communications council, shall adopt rules pursuant to chapter 17A governing the distribution of the surcharge collected and distributed pursuant to this lettered paragraph. The

rules shall include provisions that all joint E911 service boards and the department of public safety which answer or service wireless E911 calls are eligible to receive an equitable portion of the receipts.

A joint E911 service board or the department of public safety, to receive funds from the wireless E911 emergency communications fund, must submit a written request for such funds to the administrator in a form as approved by the administrator. A request shall be for funding under an approved E911 service plan for equipment which is directly related to the reception and disposition of incoming wireless E911 calls. The administrator may approve the distribution of funds pursuant to such request if the administrator finds that the requested funding is for equipment necessary for the reception and disposition of such calls and that sufficient funds are available for such distribution. If insufficient funds are available to fund all requests, the administrator shall fund requests in an order deemed appropriate by the administrator after considering factors including, but not limited to, all of the following:

- (a) Documented volume of wireless E911 calls received by each public safety answering point.
- (b) The population served by each public safety answering point.
- (c) The number of wireless telephones in the public safety answering point jurisdiction.
- (d) The public safety of the citizens of this state.
- (e) Any other factor deemed appropriate by the administrator, in consultation with the E911 communications council, and adopted by rule.

(3) The administrator shall submit an annual report by January 15 of each year advising the general assembly of the status of E911 implementation and operations, including both land-line and wireless services, and the distribution of surcharge receipts.

3. The amount collected from a wireless service provider and deposited in the fund, pursuant to section 22.7, subsection 6, information provided by a wireless service provider to the administrator consisting of trade secrets, pursuant to section 22.7, subsection 3, and other financial or commercial operations information provided by a wireless service provider to the administrator, shall be kept confidential as provided under section 22.7. This subsection does not prohibit the inclusion of information in any report providing aggregate amounts and information which does not identify numbers of accounts or customers, revenues, or expenses attributable to an individual wireless communications service provider.

4. For purposes of this section, "*wireless communications service*" means commercial mobile radio service, as defined under sections 3(27) and 332(d) of the federal Telecommunications Act of 1996, 47 U.S.C. § 151 et seq.; federal communications commission rules; and the Omnibus Budget Reconciliation Act of 1993. "*Wireless communications service*" includes any wireless two-way communications used in cellular telephone service, personal communications service, or the functional or competitive equivalent of a radio- telephone communications line used in cellular telephone service, a personal communications service, or a network access line. "*Wireless communications service*" does not include services whose customers do not have access to 911 or a 911-like service, a communications channel utilized only for data transmission, or a private telecommunications system.

34A.8 Local exchange service information--penalty.

1. A local exchange service provider shall furnish to the E911 service provider, designated by the joint E911 service board, all names, addresses, and telephone number information concerning its subscribers which will be served by the E911 system and shall periodically update the local exchange service information. The local exchange service provider shall receive as compensation for the provision of local exchange service information charges according to its tariffs on file with and approved by the Iowa utilities board. The tariff charges shall be the same whether or not the local exchange service provider is designated as the E911 service provider by the joint E911 service board.

2. Subscriber information remains the property of the local exchange service provider.

The joint E911 service board, the designated E911 provider, and the public safety answering point, their agents, employees, and assigns shall use local exchange service information provided by the local exchange service provider solely for the purposes of providing E911 emergency telephone service, and it shall otherwise be kept confidential. A person who violates this section is guilty of a simple misdemeanor.

This chapter does not require a local exchange service provider to sell or provide its subscriber names, addresses, or telephone number information to any person other than the E911 service provider designated by the joint E911 service board.

34A.9 Telecommunications devices for the deaf.

By January 1, 1990, each county shall provide for the installation and use of at least one telecommunications device for the deaf at a public safety answering point.

34A.10 through 34A.14

Reserved.

34A.15 E911 communications council established--duties.

1. An E911 communications council is established. The council consists of the following thirteen members:
 - a. One person appointed by the commissioner of public safety.
 - b. One person appointed by the Iowa state sheriffs' and deputies' association.
 - c. One person appointed by the Iowa association of chiefs of police and peace officers.
 - d. One person appointed by the Iowa emergency medical services association.
 - e. One person appointed by the Iowa association of professional firefighters.
 - f. One person appointed by the Iowa firemen's association.
 - g. One person appointed by the Iowa chapter of the national emergency number association.
 - h. One person appointed by the Iowa chapter of the association of public safety communications officials-international, inc.
 - i. One person appointed by the Iowa emergency management directors association.
 - j. Two persons appointed by the Iowa telephone association, with one person appointed to represent telephone companies having fifteen thousand or more customers and one person appointed to represent telephone companies having less than fifteen thousand customers.
 - k. Two persons appointed by the Iowa wireless industry. One appointee shall represent cellular companies and the other appointee shall represent personal communications services companies.
2. The council shall advise and make recommendations to the administrator regarding the implementation of this chapter. Such advice and recommendations shall be provided on issues at the request of the administrator or as deemed necessary by the council.
3. A member of the council shall be reimbursed for actual and necessary expenses incurred in the performance of the member's duties, if such member is not otherwise reimbursed for such expenses.
4. The authority of the council is limited to the issues specifically identified in this section and does not preempt the authority of the utilities board, created in section 474.1, to act on issues within the jurisdiction of the utilities board.

34A.16 through 34A.19

Reserved.

34A.20 E911 financing program--definitions--funding--bonds and notes.

1. As used in this subchapter, unless the context otherwise requires, "*authority*" means the Iowa finance authority.
2. The authority shall cooperate with the administrator in the creation, administration, and funding of the E911 program established in subchapter I.
3. The authority may issue its bonds and notes for the purpose of funding E911 nonrecurring and recurring costs of one or more E911 service areas.
4. The authority may issue its bonds and notes for the purposes of this chapter and may enter into one or more lending agreements or purchase agreements with one or more bondholders or noteholders containing the terms and conditions of the repayment of and the security for the bonds or notes. The authority and the bondholders or noteholders or a trustee agent designated by the authority may enter into agreements to provide for any of the following:
 - a. That the proceeds of the bonds and notes and the investments of the proceeds may be received, held, and disbursed by the authority or by a trustee or agent designated by the authority.

b. That the bondholders or noteholders or a trustee or agent designated by the authority may collect, invest, and apply the amount payable under the loan agreements or any other instruments securing the debt obligations under the loan agreements.

c. That the bondholders or noteholders may enforce the remedies provided in the loan agreements or other instruments on their own behalf without the appointment or designation of a trustee. If there is a default in the principal of or interest on the bonds or notes or in the performance of any agreement contained in the loan agreements or other instruments, the payment or performance may be enforced in accordance with the loan agreement or other instrument.

d. Other terms and conditions as deemed necessary or appropriate by the authority.

5. The powers granted the authority under this section are in addition to other powers contained in chapter 16. All other provisions of chapter 16, except section 16.28, subsection 4, apply to bonds or notes issued and powers granted to the authority under this section, except to the extent they are inconsistent with this section.

6. All bonds or notes issued by the authority in connection with the program are exempt from taxation by this state and the interest on the bonds or notes is exempt from state income tax, both personal and corporate

34A.21 Security--reserve funds--pledges--nonliability--irrevocable contracts.

1. The authority may provide in the resolution, trust agreement, or other instrument authorizing the issuance of its bonds or notes pursuant to section 34A.20 that the principal of, premium, and interest on the bonds or notes are payable from any of the following and may pledge the same to its bonds and notes:

a. The income and receipts or other moneys derived from the projects financed with the proceeds of the bonds or notes.

b. The income and receipts or other money derived from designated projects whether or not the projects are financed in whole or in part with the proceeds of the bonds or notes.

c. The amounts on deposit in the E911 service fund of a joint E911 service board, including, but not limited to revenues from a local option E911 service surcharge.

d. The amounts payable to the authority by jurisdictions within service areas pursuant to loan agreements with service areas.

e. Any other funds or accounts established by the authority in connection with the program or the sale and issuance of its bonds or notes.

2. The authority may establish reserve funds to secure one or more issues of its bonds or notes. The authority may deposit in a reserve fund established under this subsection, the proceeds of the sale of its bonds or notes and other money which is made available from any other source.

3. A pledge made in respect of bonds or notes is valid and binding from the time the pledge is made. The money or property so pledged and received after the pledge by the authority is immediately subject to the lien of the pledge without physical delivery or further act. The lien of the pledge is valid and binding as against all persons having claims of any kind in tort, contract, or otherwise against the authority whether or not the parties have notice of the lien. Neither the resolution, trust agreement, or any other instrument by which a pledge is created needs to be recorded, filed, or perfected under chapter 554, to be valid, binding, or effective against all persons.

4. The members of the authority or persons executing the bonds or notes are not personally liable on the bonds or notes and are not subject to personal liability or accountability by reason of the issuance of the bonds or notes.

5. The state pledges to and agrees with the holders of bonds or notes issued under this subchapter that the state will not limit or alter the rights and powers vested in the authority to fulfill the terms of a contract made by the authority with respect to the bonds or notes, or in any way impair the rights and remedies of the holders until the bonds or notes, together with the interest on them including interest on unpaid installments of interest, and all costs and expenses in connection with an action or proceeding by or on behalf of the holders, are fully met and discharged.

The authority is authorized to include this pledge and agreement of the state, as it refers to holders of bonds or notes of the authority, in a contract with the holders