Building a Citizen-Accessible Information System for Managing Iowa’s Local Government Networks and Interlocal (28e) Agreements

Third Annual Building Excellence in Governance Conference
Iowa State University
Public Policy & Administration Program
Department of Political Science
Project Sponsors

- Project funded by the IOWAccess Advisory Council

in cooperation with
- the Iowa State association of Counties
- the Iowa League of Cities
- the Iowa City/County Management Association
- the Office of the Secretary of State
- the School Administrators of Iowa
- the University of Iowa, Institute of Public Affairs

and managed by
- the Public Policy & Administration Program at Iowa State University, Department of Political Science
28E Project Components, Process

Information System Development
- Data from Secretary of State
- Transformation into searchable data on website

Survey Analysis: all LGs with 28Es
- Survey for each 28E agreement
- Department Director Survey

Field Studies of Selected 28Es
- Selected Service Types
- Presentation on May 6 (BEGC-ISU)
Research Questions

- What is the scope of interlocal agreements?
  - Are they used more for one type of public service than another?
  - What are the long and short term trends in use of ILAs?
  - Are they used more by one type of local government than another (e.g., more commonly by counties than cities)?

- What considerations prompt the creation of management agreements?
  - Do underlying social networks improve the likelihood that ILAs will be created?
  - Are economic and fiscal factors more important than management factors as the impetus for creating agreements?

- What are the management tools for creating and maintaining successful interlocal agreements?
  - Do underlying social networks improve the likelihood that ILAs will be maintained successfully?
  - What role does information technology play in the management of agreements?
1993 to 2003 Iowan Agreements

Building a Citizen-Accessible Information System for Managing Iowas Local Government Networks and Interlocal (28e) Agreements

Project Team Members: Dr. Yu-Chen Chen, Dr. Kurt Thurmaier, Dr. Monica Haddad, Marsha Peterson, Amanda Hollis, Patrick Callahan

Agency Partners:
- Iowa State University, Public Policy and Administration Program;
- IOWA Access Council; Iowa League of Cities, Iowa State Association of Counties, Iowa City/County Management Association, the School Administrators of Iowa, Department of Administrative Services: Information Technology Enterprise;
- Office of the Secretary of State; University of Iowa, Institute of Public Affairs

Legend
- Traffic and Patrol
- Jail and Corrections
- Emergency Management
- Criminal Investigation
- Cities
- Counties

Author: Luciane Rostagno
Data Source: Office of the Secretary of State
March 2005
Iowan Criminal Investigation Agreements

Legend
- Cities
- Criminal Agreements
- Counties

Building a Citizen-Accessible Information System for Managing Iowas Local Government Networks and Interlocal (28e) Agreements

Project Team Members: Dr. Yu-Che Chen, Dr. Kurt Thurmaier, Dr. Monica Haddad, Marsha Peterson, Amanda Hollis, Patrick Callahan

Agency Partners:
Iowa State University, Public Policy and Administration Program; IOWAccess Council; Iowa League of Cities, Iowa State Association of Counties, Iowa City/County Management Association, the School Administrators of Iowa, Department of Administrative Services: Information Technology Enterprise; Office of the Secretary of State; University of Iowa, Institute of Public Affairs

Author: Luciane Rostagno
Data Source: Office of the Secretary of State
March 2005

0 10 20 30 40 50 Miles

Cities
Criminal Agreements
Counties
Building a Citizen-Accessible Information System for Managing Iowas Local Government Networks and Interlocal (28e) Agreements

Project Team Members: Dr. Yu-Che Chen, Dr. Kurt Thurmaier, Dr. Monica Haddad, Marsha Peterson, Amanda Hollis, Patrick Callahan

Agency Partners:
- Iowa State University, Public Policy and Administration Program;
- IDOWAccess Council; Iowa League of Cities, Iowa State Association of Counties, Iowa City/County Management Association, the School Administrators of Iowa, Department of Administrative Services: Information Technology Enterprise;
- Office of the Secretary of State; University of Iowa, Institute of Public Affairs

Legend
- Cities
- Emergency Agreements
- Counties

Author: Luciane Rostagno
Data Source: Office of the Secretary of State
March 2005
Iowan Jail and Corrections Agreements

Legend
- Cities
- Jail Agreements
- Counties

Building a Citizen-Accessible Information System for Managing Iowas Local Government Networks and Interlocal (28e) Agreements

Project Team Members: Dr. Yu-Che Chen, Dr. Kurt Thurmaier, Dr. Monica Haddad, Marsha Peterson, Amanda Hollis, Patrick Callahan

Agency Partners:
- Iowa State University, Public Policy and Administration Program; IOWAccess Council; Iowa League of Cities, Iowa State Association of Counties, Iowa City/COUNTy Management Association, the School Administrators of Iowa, Department of Administrative Services; Information Technology Enterprise; Office of the Secretary of State; University of Iowa, Institute of Public Affairs

Author: Luciane Rostagno
Data Source: Office of the Secretary of State
March 2005
Composition of 28Es, 1965-2003, by Major Service Type

- Law Enforcement: 26%
- Highways & Public Works: 18%
- Community & Neighborhood Services: 28%
- Transportation: 4%
- Fire & Hazmat Services: 9%
- Elected Officials, Boards, and Commissions: 1%
- Information & Management Services: 7%
- Education: 7%
- Court and Legal Services: 0%
Filings of 28Es, 1965-2004 (June)
# 28E Survey Data

<table>
<thead>
<tr>
<th>Local Government</th>
<th>Number with at least one 28E</th>
<th>Number of 28E Agreements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counties</td>
<td>99</td>
<td>3934</td>
</tr>
<tr>
<td>Cities</td>
<td>644</td>
<td>6048</td>
</tr>
<tr>
<td>School Districts</td>
<td>226</td>
<td>719</td>
</tr>
<tr>
<td>Fire Districts</td>
<td>135</td>
<td>135</td>
</tr>
<tr>
<td><strong>Total Distributed</strong></td>
<td></td>
<td><strong>10,836</strong></td>
</tr>
<tr>
<td><strong>Total Returns</strong></td>
<td></td>
<td><strong>1,290 (12%)</strong></td>
</tr>
</tbody>
</table>
Figure 3. Importance of Reasons for Creating 28E Agreements

- Our belief that we could improve the effectiveness of the service delivery: 710
- Our belief that we could improve the efficiency of the service delivery: 702
- The fiscal condition of our local government: 449
- The general economic condition of the community: 439
- A suggestion by a partnering government manager: 373
- Other: 47
Figure 4. Dimensions of Agreement Success

- **28E Objectives**: 55%Very well, 22%Well
- **Increased Service Effectiveness**: 45%Very well, 26%Well
- **Increased Service Efficiency**: 42%Very well, 25%Well

Percent Responding
Figure 4. Dimensions of Agreement Success

28E Objectives
- Very well: 55%
- Well: 22%

Increased Service Effectiveness
- Very well: 45%
- Well: 26%

Increased Service Efficiency
- Very well: 42%
- Well: 25%
Figure 5. Role of ICT in Managing 28E Relationships

<table>
<thead>
<tr>
<th>Method</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone</td>
<td>63</td>
<td>27</td>
</tr>
<tr>
<td>Email</td>
<td>54</td>
<td>22</td>
</tr>
<tr>
<td>Fax</td>
<td>45</td>
<td>14</td>
</tr>
<tr>
<td>Website</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>Shared Dbase</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td>Listserv</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Percent
Figure 6. Importance of Non-ICT Communications for Managing 28E Relationships, Ranked by Percent "Strongly Agree"
<table>
<thead>
<tr>
<th></th>
<th>Estimated annual costs of our 28E participation</th>
<th>Estimated annual revenues from our 28E participation</th>
<th>Estimated annual savings from our 28E participation</th>
<th>Estimated monthly personal hours of 28E participation</th>
<th>Estimated monthly unit hours of 28E participation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean</strong></td>
<td>$25,879</td>
<td>$34,301</td>
<td>$30,019</td>
<td>3</td>
<td>22</td>
</tr>
<tr>
<td><strong>Minimum</strong></td>
<td>$-</td>
<td>$-</td>
<td>$-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Maximum</strong></td>
<td>$5,000,000</td>
<td>$22,000,000</td>
<td>$2,500,000</td>
<td>225</td>
<td>9,632</td>
</tr>
<tr>
<td><strong>N</strong></td>
<td>936</td>
<td>897</td>
<td>829</td>
<td>964</td>
<td>956</td>
</tr>
<tr>
<td><strong>Short-term</strong></td>
<td>$625,000</td>
<td>$22,000,000</td>
<td>$50,000</td>
<td>20</td>
<td>1</td>
</tr>
<tr>
<td><strong>Ongoing Relationship</strong></td>
<td>$2,000,000</td>
<td>$500,000</td>
<td>$1,000,000</td>
<td>225</td>
<td>20</td>
</tr>
</tbody>
</table>
Field Interviews

Preliminary Analysis:

- Economic development and traffic patrol
- Importance of underlying social networks
- Importance of organizational and personal trust
- Importance of communication between parties for healthy management of agreements