

# INFRASTRUCTURE

*Build a statewide economy and infrastructure that supports a broad spectrum of opportunity for all citizens while advancing the standard of living and maintaining a high quality of life.*

## A. TRANSPORTATION NETWORKS WILL BE SAFE, EFFICIENT, AND WELL MAINTAINED

### 1. Maintain and enhance Utah's transportation infrastructure.

| Performance Measures  | 1980  | 1990  | 1993 | 1994 | 1995 | 1996 | UDOT Target 2000 | UDOT Target 2005 | UDOT Target 2010 |
|---|-------|-------|------|------|------|------|------------------|------------------|------------------|
| a. Percent of highway system experiencing no worse than intermittent congestion |       |       |      |      |      |      |                  |                  |                  |
| Urban Areas   | 80%   | 76%   |      | 75%  | 75%  | 75%  | 72.4%            | 70%              | 66%              |
| Rural Areas   | 95.1% | 94.1% |      | 94%  | 94%  | 94%  | 94%              | 92.8%            | 92.8%            |
| b. Percent of interstate highways in "fair" or better condition                 | 85%   | 88%   | 91%  | 92%  | 90%  |      | 90%              | 90%              | 90%              |
| c. Percent of other state and local roads in "fair" or better condition         | 52%   | 59%   | 61%  | 62%  | 58%  |      | 60%              | 60%              | 60%              |

### 2. Reduce the rate and severity of accidents and related damage.

| Performance Measures  | 1980 | 1990 | 1993 | 1994 | 1995 | UDOT Target 2000 | UDOT Target 2005 | UDOT Target 2010 |
|---|------|------|------|------|------|------------------|------------------|------------------|
| a. Number of traffic accidents per million miles traveled           | 3.15 | 3.6  | 3.27 | 3.28 | 3.26 | 2.9              | 2.84             |                  |
| b. Number of fatal traffic accidents per 100 million miles traveled | 2.74 | 1.61 | 1.52 | 1.67 | 1.61 | 0.46             |                  |                  |

3. Provide adequate access for Utah's rural and urban population, markets, and services.

| Performance Measures   | 1980  | 1990  | 1994  | 1995  | 1996  | 2000 | 2005 | 2010 |
|--|-------|-------|-------|-------|-------|------|------|------|
| a. Percent of rural population served by intercity bus service | 41.3% | 36.7% | 31.9% | 32.7% | 32.7% |      |      |      |

4. Manage the flow of traffic in Utah's urban areas.

5. Increase the use of alternative transportation modes.

| Performance Measures                                  | 1980  | 1990  | 1994 | 1995  | 1996  | UDOT Target 2000 | UDOT Target 2005 | UDOT Target 2010 |
|---|-------|-------|------|-------|-------|------------------|------------------|------------------|
| a. Percent of traffic signals on a coordinated system |       |       |      |       |       |                  |                  |                  |
| b. Percent of commuters carpooling or vanpooling      | 22.8% | 15.2% | 17%  | 17.4% | 17.4% |                  |                  |                  |
| c. Percent of commuter trips on public transit        | 3.5%  | 2.3%  | 2.5% | 2.6%  | 2.6%  | 2.4%             | 3%               | 4%               |
| d. Number of employer bus pass programs               |       |       |      |       |       |                  |                  |                  |

6. Encourage development of interstate and international transportation routes and corridors.

| Performance Measures | 1980 | 1990 | 1995 | 2000 | 2005 | 2010 |
|----------------------|------|------|------|------|------|------|
|                      |      |      |      |      |      |      |

7. Improve assistance to transportation network users.

| Performance Measures | 1980 | 1990 | 1995 | 2000 | 2005 | 2010 |
|----------------------|------|------|------|------|------|------|
|                      |      |      |      |      |      |      |

8. Develop equitable funding mechanisms to maintain and enhance infrastructure.

| Performance Measures | 1980 | 1990 | 1995 | 2000 | 2005 | 2010 |
|----------------------|------|------|------|------|------|------|
|                      |      |      |      |      |      |      |

**B. UTAH'S PUBLIC FACILITIES AND SERVICES WILL MEET THE NEEDS OF A GROWING ECONOMY**

1. Develop an electronic highway to information resources of Utah and the nation.
2. Increase both the availability and reliability of utility services including electric, gas, telecommunications, and water.
3. Assure that state-of-the-art telecommunications access is available to all Utahns.

| Performance Measures   | 1980     | 1990   | 1995 | 1996    | 2000 | 2005 | 2010 |
|--|----------|--------|------|---------|------|------|------|
| a. Percent of telephone subscribers having option to access internet |          |        |      |         |      |      |      |
| b. Cellular phone service available statewide                        |          |        |      |         |      |      |      |
| c. Percent of communities with fiber optic service available         |          |        |      |         |      |      |      |
| d. Percent of cities that have access to competitive providers       |          |        | 1    |         |      |      |      |
| e. Efficiency of electricity utilization (kWh/customer/year)         | 31,633   |        |      | 30,010  |      |      |      |
| f. Efficiency of natural gas utilization                             | 180.5Dth | 147Dth |      | 146 Dth |      |      |      |

4. Develop an Integrated Emergency Management System coordinated at all levels of government and the private sector to protect life, health, and property.
5. Reduce the percent of seismically vulnerable structures in the high-risk zones of Utah.
6. Determine and monitor risk and mitigate major losses from natural and technological hazards.

| Performance Measures  | 1980 | 1990 | 1994 | 1995 | DPS Target 2000 | DPS Target 2005 | 2010 |
|---|------|------|------|------|-----------------|-----------------|------|
| a. Percent of state structures meeting seismic standards  | 14%  | 30%  | 35%  |      |                 |                 |      |
| b. Percent of counties and cities with trained emergency management staff, real-time monitoring and communications hardware, emergency response capabilities, and emergency disaster planning | 18%  | 26%  | 35%  |      | 35%             |                 |      |
| c. Percent of counties and cities for which the risk from natural and technological hazards has been evaluated  |      | 91%  | 96%  |      | 97%             |                 |      |
| d. Percent of counties and cities for which steps are being taken to mitigate natural and technological hazards   |      | 60%  | 70%  |      | 80%             |                 |      |

7. Consider municipal and county General Plans in the placement of state facilities.
8. Increase utilization of existing state facilities to minimize the growth of new space.
9. Adequately maintain all state owned facilities.
10. Encourage state agencies and local governments to adopt provisions in General Plans for funding infrastructure expansion and maintenance, recognizing the full costs of increasing services.

| Performance Measures   | 1980 | 1990 | 1995 | 2000 | 2005 | 2010 |
|--|------|------|------|------|------|------|
| a. Percent of new state-owned facilities where community General Plans were considered prior to or during design of the facility |      |      |      |      |      |      |
| b. Percent of state facilities maintained according to state preventive standards  |      |      |      |      |      |      |
| c. Actual space utilization as a percent of space standard   |      |      |      |      |      |      |

11. Ensure adequate public facilities for drinking water collection, treatment, storage, and delivery.
12. Ensure adequate public facilities for wastewater treatment and disposal.

13. Maintain and improve the quality of drinking water in all public systems in Utah.
14. Maintain and improve public wastewater treatment facilities, methods, and procedures.

| <b>Performance Measures</b>  | <b>1980</b> | <b>1990</b> | <b>1994</b> | <b>1995</b>     | <b>1996</b> | <b>1997</b> | <b>2000</b> | <b>2005</b> | <b>2010</b> |
|--|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|
| a. Efficiency of water utilization   |             |             |             |                 |             |             |             |             |             |
| b. Percent of wastewater facilities with state-certified operators                   |             |             | 75%         | 98%             | 98%         | 98%         |             |             |             |
| c. Percent of wastewater treatment facilities which have up-to-date management plans |             |             |             | 59%             |             | 60%         |             |             |             |
| d. Percent of wastewater treatment facilities deemed to be adequate                  |             |             |             | 87.5%           |             | 88%         |             |             |             |
| e. State financial assistance provided to construct or upgrade (in millions):        |             |             |             | (91-95 average) |             |             |             |             |             |
| Wastewater treatment facilities  |             |             |             | \$15.8          | \$11.0      | \$4.9       |             |             |             |
| Drinking water facilities  |             |             |             |                 | \$15.5      | \$3.4       |             |             |             |
| f. Percent of needs met with state general funds for:                                |             |             |             | (91-95 average) |             |             |             |             |             |
| Wastewater treatment facilities  |             |             |             | 20.3%           | 12.8%       | 5.7%        |             |             |             |
| Drinking water facilities  |             |             |             |                 | 18%         | 6%          |             |             |             |

See also performance measures under Environment, Natural Resources, and Agriculture section Goal E.