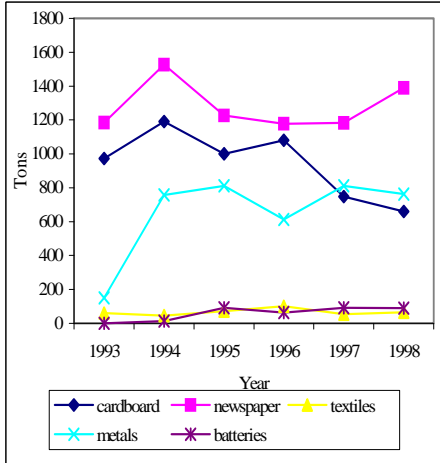


**Graph VII-2
Recycling in Derry
1993-1998**



The expected FY 2001 cost per ton for disposing of (nonrecyclable) solid waste is \$48 per ton. The cost for hauling and disposing of recyclable materials is \$13.78 per ton. In calendar year 2000, revenues generated from recycling were \$23.25 per ton. Hence the Town made a net gain of \$9.47 per ton of recycled materials, about \$37,000 in net revenue.

Clearly, the Town could benefit financially both if the amount of solid waste hauled were reduced and if more of that solid waste were recycled. According to the Public Works Department, the average Derry resident generates about 1,175 pounds of rubbish per year – a little more than half a ton per resident per year – and compared to a national average of 1,000 pounds per person per year. If the Town were to initiate a recycling awareness program that persuaded Derry residents to reduce or recycle rubbish by about 175 pounds per person yearly - to conform with the national average, the Town could save an estimated 15% (about \$130,000) in solid waste disposal costs per year.

As of the writing of this Plan, the Town is considering alternatives to improve the existing transfer station through either expanding the existing facility or constructing a new one.

Water

Derry is currently served by a municipal water system located in the central west section of town, the Pennichuck Water system serving clusters of neighborhoods primarily in East Derry, and a few small community water systems (See Map VII-1). As of 1999, the average annual municipal water usage for the central west water system was 1.915 million gallons per day (mgd). This represented a 15% increase in water usage since 1995.

**Table VII-5
Derry Municipal Water Usage
1995-2000 Average Annual Gallons/Day**

| | |
|---------------|-----------|
| 1995 | 1,660,000 |
| 1996 | 1,727,000 |
| 1997 | 1,827,000 |
| 1998 | 1,818,000 |
| 1999 | 1,915,000 |
| 2000 | 1,920,000 |
| % inc: '95-00 | 16% |

Source: Derry Public Works Dept.

Wastewater

Derry's central west area – west of Route 28 – is served by a municipal sewer system. This area, roughly corresponding to the area served by municipal water, is also the most densely developed area of the Town. In 2000, the average annual amount of wastewater collected was 1.92 million

**Table VII-6
Derry Municipal Wastewater Collected
1995-2000 Average Annual Gallons/Day**

| | |
|---------------|-----------|
| 1995 | 1,820,000 |
| 1996 | 2,260,000 |
| 1997 | 1,191,000 |
| 1998 | 2,020,000 |
| 1999 | 1,680,000 |
| 2000 | 1,920,000 |
| % inc: '95-00 | 5% |

Source: Dept. of Public Works

gallons per day. The high 1996 level of 2.26 mgd likely may have been due to the large amount of flooding that took place in that year, causing a high

level of infiltration. The reduced mgd level in 1999 may have been due to the system improvements to reduce infiltration taken in that year.

Police Department

The Police Department is located adjacent to Ross' Corner. As of the writing of this Plan, the police facility is considered adequate for the Department's needs. This could be reviewed during the next several years with regard to the future development of Ross's Corner as a business center as well as an area of intense traffic activity.

Fire and Ambulance Service

During 2000, a study was carried out to review and assess alternative station locations to serve the various neighborhoods and locations within Derry in appropriate response time. Based upon the results of this study, the Fire Department is in the process of preparing recommendations for expanded station locations throughout town.

Communications

Presently, dispatch communications are spread among several locations in the Town. Dispatch for fire and ambulance service is located at the Fire Station headquarters. The Police Department has its own dispatch operating out of its building near Ross' Corner. A communications system for emergency management is located in Town Hall. The possibility of consolidating communications in one central location has been raised for consideration.

Roadway Infrastructure

Derry's road system has grown rapidly over the last three decades, concurrent with its development growth. The Town's roadway network included 160 miles of roads as of 1996. During the ten years preceding 1996, paved Town roads increased at the rate of about one mile per year.

In 1985, the Town conducted a roadway management study to assess about 1/3 of the Town's road network. This led to a road improvement program,

implemented over a seven-year period, and a continuing roadway management program, administered by the Town's Public Works Highway Division, that involves a state-of-the-art, computerized road assessment system that can evaluate, track, identify needed treatment, and estimate costs for road maintenance over time. This computer modeling system can also compare alternative maintenance/cost scenarios that can clarify policy and fiscal choices as well as enhance fiscal and capital planning. The roadway management program coupled with a pavement management program allows the Town to take a systematic, network-level approach to managing and maintaining its roads that could serve as an exemplar for other facilities management and planning in Derry.

Libraries

Derry is fortunate to have two libraries – the Derry Public Library, located on Broadway near the Downtown, and the Taylor Library, located in East Derry. The Derry Public Library has a collection of more than 85,000 books and a total yearly circulation of almost 200,000 items as of FY 2000. This library also contains 40 computers, internet access, and is part of a nine-library inter-circulation system. It offers a variety of special programs, crafts, and children's services, and houses a local historical collection of materials. As of 1999, the Library met at least eight out of ten criteria on a state library checklist for compliance with the Americans for Disabilities Act (ADA), addressing such issues as access, parking, wheelchair accessibility for persons with disabilities. As of the writing of this Plan, the Derry Public Library foresees no immediate need for additional space or facilities in the next few years.

The Taylor Library, however, is in need of renovation and expansion to bring the facility into compliance with ADA, enabling both library access, use, and restrooms for use by handicapped persons. There is a need to separate children and adult services and facilities in this library, as well as to provide additional workspace. As of the writing of this Plan, the Taylor Library is in the process of quantifying and specifying its needs for additional space and improvements.

Cemeteries

Derry contains one cemetery – Forest Hills – consisting of between 28-32 acres, and located at the northwest corner of East Derry Road and Cemetery Road. The Forest Hills Cemetery is of historic significance to Derry and dates back to the 1700s. The Facilities Director estimates that this cemetery’s capacity will be met as of the year 2003. The Town is examining alternatives for additional burial space as of the writing of this Plan.

GOALS AND OBJECTIVES

Derry’s goals for community facilities are to:

- Assure that there is a continuing link between Derry’s provision of municipal services, capital investment, and appropriate level of community growth.
- Continue to maintain a balance between appropriate service provision, community investment, and a moderated tax rate.

IMPLEMENTING ACTIONS

The following actions are identified to implement Derry’s goals for community facilities:

Complete physical renovations underway:

- Complete the development of the Town services complex, consolidating existing Town offices with planning, code enforcement, public works administration, and other services as appropriate. Explore future consolidation possibilities such as with school administration.
- Explore the possibility of including the historic museum and a restaurant in the completed Adams Memorial Building cultural and arts center. Continue to explore possibilities for user parking.

Study and pursue additional facility needs:

- Complete the study of alternative locations for

fire and ambulance service with the objective to service all locations of town in an appropriate response time.

- Establish a task force to evaluate the possible consolidation at one location of dispatch communications for fire, ambulance, police, and emergency management operations.
- Continue to explore alternatives for expansion of the existing transfer station or construction of a new facility.
- Pursue alternatives for development of a teen center. Assist the Facilities and Recreation Department in exploring alternatives for expanding or transforming existing facilities.
- Pursue alternatives for location and development of a senior center that would:
 - Accommodate all existing programs, a lunch program, and space for future programming activities;
 - Be overseen by a Town-appointed Council on Aging, who would assist with other community initiatives on behalf of elders.
- Identify the needs for improvements, ADA compliance, and additional space at the Taylor Library, and target and secure needed resources to carry these out.
- Explore alternatives for additional cemetery space in Derry, with the objective to acquire the needed additional capacity by 2003.

Pursue service improvements:

- Continue to explore appropriate uses for the Town-owned Depot, particularly uses that will attract more people to the Downtown.
- Work with the Greater Derry/Greater Salem Regional Transportation Council to develop more transportation alternatives for Derry seniors and handicapped citizens.
[Also in Circulation Element]
- Consider a municipal program to encourage Derry residents and businesses to reduce their

generation of solid waste and increase the amount of recycled materials, such as a “pay-as-you-throw” option.

Undertake efforts to improve facility planning and communications processes:

- Establish an inter-agency committee to review and monitor capital projects and planning, and to monitor satisfactory progress and completion of initiated public projects.
- Establish ongoing communications between Town growth management administrators and school administrators with regard to planning for growth, as envisioned in the Town’s growth management ordinance, with a particular objective of reducing classroom size.
- Integrate consideration of historic significance in public facilities and development decisions through the following:
 - Involving the Heritage Commission in design of new public buildings or razing or altering of existing public buildings;
 - Involving the Heritage Commission in Planning Board or Zoning Board of Adjustment discussions regarding properties with potential historic or cultural significance;
 - Instituting a two-week demolition delay at the request of the Heritage Commission for potentially significant historic or cultural buildings or sites;
 - Consulting the Heritage Commission in the selection of a name for a public building, park, or field.

Ongoing Study:

- Identify the next steps needed in the continuing exploration of changing Derry’s status to a city.

APPENDIX

B. “Municipal Services Subcommittee Report”, June

13, 2000.

Seniors & Historic Preservation Master Plan Group Report, undated.

REFERENCED MATERIAL

Town of Derry 6-Year Capital Improvements Plan, FY 2002.

Town of Derry 30-Year Capital Improvement Program, FY 2002-2032.

April 9, 2001