

Akron
Engineering
Bureau

**2003
Annual
Report**



**City of Akron
Department
of Public Service**

Donald L. Plusquellic
Mayor

Gerald Holland
Service Director

David J. Celik
City Engineer

Akron Engineering
Bureau
166 South High Street
Akron, Ohio
44308-1652
(330) 375-2355
Fax (330) 375-2288
AkronEngineering@
ci.akron.oh.us



Appendix

AEB Vision and 2003 Goals

Final Goals Status Report

Organization Chart

Status of Permanent Personnel

Operating Budget Chart

Applied Overhead Chart

Direct Overhead Chart

Billable Time vs Overhead

PROJECT REPORTS

Construction Contracts

Street Improvement Petitions

Bridge Inspection Summary



AEB Vision

Our vision is to provide professional engineering services that meet the infrastructure needs of our customers by:

Planning projects that meet the goals of the City.

Designing projects in a cost effective manner.

Constructing projects in compliance with the contract documents.

To reach this vision means:

Utilizing the experience, education and training of our employees to create a more flexible work force.

Empowering our employees to manage projects more independently.

Use of innovative plan development, design and construction techniques to minimize project costs.

Maintaining the highest level of ethics and professionalism.

Long Term Vision Affirmation

We will affirm and re-enforce our vision by operating the AEB with the following philosophy:

Reduce the need for supervision by creating additional Engineering Technician III and Civil Engineer III promotional opportunities, and filling those positions with capable and motivated employees who can independently coordinate all aspects of a project.

Assign employees based on:

The overall needs of the AEB.

The experience level necessary to administer the specific project.

The opportunity to diversify the experience of the workforce.

The expectation of minimizing project costs.

Rotate employees between the Design/Environmental Division and the Construction Division so that all employees become proficient in both project design and construction administration.

Maintain the proper balance between in-house design and consultant design.

Determine and monitor overhead rates including project development and programming costs in order to fully understand the cost-effectiveness of the AEB.

AEB 2003 Goals

Reduced our in-house costs by increasing flexibility of employees working for multiple divisions.

Implemented the first phase of the Customer Service Request system.

Completed the 2003 project manpower projections.

Conducted an in-house training seminar for 19 Project Managers for our consultant contract development process.

Assigned fifteen Engineering Technicians to the Construction Division from the Design and Environmental Divisions for the construction season.

Assigned six Engineering Technicians to the Design or Environmental Divisions for the winter season.

Assigned four Civil Engineers to the Construction Division from the Design and Environmental Divisions to be Resident Project Representatives in an effort to reduce construction administration costs and develop design skills.

Assigned and rotated three Senior Engineers one each between the Design, Construction and Environmental Divisions

Administrative Services Division 2003 Goals

Continue to increase the cost-effectiveness of project design by adding 20,000 more scanned images of archived drawings to the computer drawing index by December 31, 2003. This will bring the total to approximately 40,000 scanned images, or about 80 percent of the archived drawings.

Reduced document retrieval costs and thereby reduce project overhead cost by archiving scanned images of project correspondence files as they reach "final" status. Implement this as standard procedure for all projects.

Transferred as-built project information from 101 construction projects to the underground record maps.

Identify a list of major administrative tasks and designate and train a back up person for each task by December 31, 2003.

Based on an identified needs list, each Administrative Services employee will participate in at least one outside training opportunity by December 31, 2003.

Update the Engineering Bureau web page to include additional information frequently requested by contractors, suppliers, and the general public.

Design Division 2003 Goals

Update the AEB Construction and Material Specifications book and publish it for use in the 2004 construction season.

Update and finalize the Design Manual and issue to appropriate AEB personnel by December 31, 2003.

Update the Sidewalk Inspection Manual to meet current ADA regulations and issue by December 31, 2003.

Continue to provide training opportunities for the development of the Design Staff through the following training sessions: AutoCAD, ADA ramps, Sidewalk Surveys, and various sections of the Design Manual. Also provide outside training opportunities for the professional development of Design employees.

Construction Division 2003 Goals

Continue the development of a continuing education program for Resident Project Representatives with three additional areas of construction:

Earthwork - The earthwork presentation is out for review. The seminar will be held in Spring 2004.

Landscaping - The seminar will be held in 2004

Architectural Projects - The seminar will be held in 2004

Conducted a Resident Project Representative seminar on February 19, 2003.

Have the proper personnel attend training on how to program projects using the design-build method of project delivery by September 15, 2003

Continue to monitor Gypsy Moth infestation and work with the Ohio Department of Agriculture to have the highest levels treated by June 15, 2003.

Environmental Division 2003 Goals

Provide training to the Division staff on the following areas of study by December 31, 2003:

Hydraulic and Water Quality Modeling (Windows Version of XP SWIM)

Water Treatment

Pump Station Design

Storm Water Issues

Environmental Site Assessments

Environmental Division 2003 Goals (continued)

Become actively involved in the TMDL process for the Cuyahoga River by December 31, 2003.

Obtain approval of the CSO Long Term Control Plan (LTCP) from Ohio EPA by December 31, 2003.

Akron Engineering Bureau
 Department of Public Service
 Status Report – 2003 Goals
 Final

2003 Goals	2003 Status to Date																				
Bureau-Wide Goals																					
As a follow-up to our 2002 goal, implement the feasible recommendations for additional services to be provided by the Administrative Services Division by June 30, 2003.	It was determined that 2 new services were feasible to implement. These are: 1. Add new soil borings to the index map – Administrative Services will need to work with the Design Division to develop a procedure for providing the information and then locating it on the map. This could be accomplished in 30 days. 2. Develop and implement a procedure for updating the Project Reports database and the Drawing Index. This could be accomplished in 30 days.																				
Implement the first phase of the Customer Service Request system by March 30, 2003.	Engineering Bureau Training and Service Request set-up began in May. Engineering Bureau went live on the system August 6, 2003.																				
To continue to develop work force flexibility, rotate 18 Engineering Technicians between the Design, Environmental and Construction Divisions; and, subject to need and availability, assign 3 civil engineers to the Construction Division by December 31, 2003.	<p>Since the beginning of the year, the following Engineering technicians were re-assigned from Design, Environmental and Administrative Services Divisions to Construction:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Tish Jernigan</td> <td style="width: 50%;">Corey Moke</td> </tr> <tr> <td>Jeff Miller</td> <td>Kurt Heffernan</td> </tr> <tr> <td>Chuck Hirsch</td> <td>Adam Staller</td> </tr> <tr> <td>Barry Pruitt</td> <td>Chad Kobelt</td> </tr> <tr> <td>Jason Zajac</td> <td>Scott Davenport</td> </tr> <tr> <td>Bill Magyar</td> <td>Jason Kline</td> </tr> <tr> <td>Richard Falkenstein</td> <td>Jim Anderson</td> </tr> <tr> <td></td> <td>Len Blankenship</td> </tr> </table> <p>The following Civil Engineers were re-assigned from Design to Construction:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Christine Jonke</td> <td style="width: 50%;">Bob Geiser</td> </tr> <tr> <td>Randall Keirns</td> <td>Travis Capper</td> </tr> </table> <p>Brad Beckert was reassigned from Construction to Environmental. Mark Moore was reassigned from Design to Construction. Michelle DiFiore was reassigned from Environmental to Design.</p>	Tish Jernigan	Corey Moke	Jeff Miller	Kurt Heffernan	Chuck Hirsch	Adam Staller	Barry Pruitt	Chad Kobelt	Jason Zajac	Scott Davenport	Bill Magyar	Jason Kline	Richard Falkenstein	Jim Anderson		Len Blankenship	Christine Jonke	Bob Geiser	Randall Keirns	Travis Capper
Tish Jernigan	Corey Moke																				
Jeff Miller	Kurt Heffernan																				
Chuck Hirsch	Adam Staller																				
Barry Pruitt	Chad Kobelt																				
Jason Zajac	Scott Davenport																				
Bill Magyar	Jason Kline																				
Richard Falkenstein	Jim Anderson																				
	Len Blankenship																				
Christine Jonke	Bob Geiser																				
Randall Keirns	Travis Capper																				

Develop an Engineering Consultant Evaluation form similar to our Construction Contractor Evaluation form by June 30, 2003.	The Development Team has been identified. Goal completion will be carried over to 2004.
Conduct an in-house training seminar for 19 Project Managers for our consultant contract development process by June 30, 2003.	The seminar was held April 17, 2003.
Develop a standard drawing for irrigation systems for soccer fields and baseball/softball fields by June 20, 2003.	After further study, it was determined that a better solution to the issue of irrigation systems for sports field is a design/build approach in lieu of a standard drawing.
Increase the availability and use of electronic timesheet completion by field personnel by September 30, 2003.	Testing showed that the City's remote access system is too slow to make this practical. Alternatives need to be reviewed.
Prepare materials on the importance of the "time sheet" to all AEB employees and define programming, non-project studies and design, training, etc. in order to obtain the most accurate information concerning overhead and design cost by January 31, 2003. Accurate reporting of time is critical in the WCO redesign process. Review topic and provide definitions in February 2003 at Division staff meetings.	<p>Presentation was made at the Construction RPR Seminar on the importance of time sheets. This was followed up with a fact sheet and discussion at the various division staff meetings.</p> <p>Staff presentations began February 19, 2003 and were completed by mid-March.</p>
Construction Division	
Continue the development of a continuing education program for Resident Project Representatives with two additional areas of construction by December 31, 2003.	The earthwork presentation is out for review. The seminar will be held in Spring 2004.
Update the Resident Project Representative Source Book by March 31, 2003.	The Resident Project Representative Source Book was updated and distributed on February 19, 2003.
Conduct the Resident Project Representative seminar by March 31, 2003.	The Resident Project Representative Seminar was held on February 19, 2003.
Continue to monitor Gypsy Moth infestation and work with the Ohio Department of Agriculture to have the highest levels treated by June 15, 2003.	An aerial spraying was not needed this year.
Have the proper personnel attend training on how to program projects using the design-build method of project delivery by September 15, 2003.	Jim Weber and Mike W. attended a design-build construction seminar in August.

Connect the Materials Testing Lab compression machine to a personal computer to record the results of concrete cylinder breaks by June 30, 2003.	The software needed to receive the data is being evaluated.
Implement a program utilizing hand-held field computers to track project information and download to the City office by April 1, 2003.	We have selected a software package. The new program will be implemented in 2004.
Design Division	
For staff returning to the office from the field and new co-op students, conduct in-house AutoCAD training sessions by January 31, 2003.	Goal attained. Fifteen employees attended in-house AutoCAD training sessions between January 21 and January 24, 2003. Two separate sessions were conducted, each session lasting two days.
Provide in-house training for the Architectural design team in order to transition to AutoCAD 2000 by December 31, 2003.	Wayne Bachus of the Architectural Design Team is utilizing AutoCAD 2000 on the 311 Center project. In the 2 nd quarter, he began to provide in-house training to the other Architectural team members. The training was completed by the end of the year. The Architectural staff is now working through the 2004 CAD tutorial. We have determined that some formal training for this will be necessary.
Establish and implement design criteria for precast inlets that will determine inlet type and spacing for roadway improvement projects by March 31, 2003.	We have been working with Sewer Maintenance to study the maintenance issues of large and small precast inlets vs. brick inlets. Sewer Maintenance has agreed to try the smaller inlets for a year then review in 2004.
Continue to conduct monthly in-house training session for the Design staff on relevant design topics.	Monthly in-house training sessions continued through all four quarters of 2003. In-house training has also included AutoCAD forums of various topics. .
Develop and implement a program to download parcel information directly into AutoCAD and Excel to use with work agreements and assessments by June 30, 2003.	The program was developed by and working on June 17, 2003. A training session for the staff was held on July 10 th . Information that can be retrieved through the program is owner name, address, actual frontage, and parcel ID.

<p>Environmental Division</p>	
<p>Provide training to Division staff on the following areas of study by June 31, 2003:</p> <ul style="list-style-type: none"> - FEMA, National Flood Insurance Program - HEC-RAS, Hydraulic Modeling - Wetlands Permitting <p>Training materials have been received on these topics. They will be provided to staff members to develop in-house training opportunities.</p> <p>Additional training sessions on GIS and Brownfields were added to the goal.</p>	<p>GOAL COMPLETED</p> <p>FEMA presentation was held on September 30, 2003.</p> <p>The HEC-RAS Hydraulic Modeling presentation was held on September 12, 2003.</p> <p>Wetlands permitting training was held on October 29, 2003.</p> <p>An overview of GIS, and update on the City-Wide Assessment study, and the use of the newly developed ARC-IHM were provided on October 9, 2003.</p> <p>A presentation on Brownfields (on the Beech Street Demolition project) was held on November 14, 2003.</p>
<p>Develop a city-wide storm water management program for construction sites. Review all existing rules/regulations/specifications and compile existing materials by February 2003. Develop guidance materials (possible revisions to standard drawings) and presentation materials by April 2003. Provide training opportunities in May 2003. Assist Construction Division and Building Department in inspections throughout the summer construction season. The completion of this goal will require assistance from the Summit Soil and Water Conservation Service and PUB Storm Water Program.</p>	<p>GOAL TO BE COMPLETED IN 2004</p> <p>The completion dates have been revised as follows:</p> <ol style="list-style-type: none"> 1. Complete review before September 2003. 2. Develop guidance materials and presentation materials before December 2003. 3. Provide training opportunities early 2004. Provide presentation at the Construction Division RPR Seminar. 4. Provide assistance throughout 2003 and plan for implementation of new procedures in the 2004 construction season. <p>Materials have been received from Summit Soil and Water. Involvement will also be requested from the County Engineer. Also, review will be needed with the Building Department to determine how a storm water management program can be incorporated into the WCO organization and pilot.</p> <p>The PUB Storm Water program will still be involved.</p>

<p>Provide training and educational opportunities on natural channel design by September 2003.</p>	<p>GOAL COMPLETED</p> <p>A video on urban stream restoration has been obtained for viewing. This was followed-up by a presentation on the Fairlawn CC Stream Restoration project on September 23, 2003.</p>
<p>Administrative Services</p>	
<p>Transfer as-built project information from 32 construction projects to the underground record maps by December 31, 2003</p>	<p>As of the end of March, 101 projects were transferred to the Underground Record maps. Of these, 36 are JEDD priority projects. In addition, the entire set of 1500+ maps are being reviewed for quality control. As of March 31, 470 sheets have been checked and corrected. No further progress in 3rd quarter. Technicians were re-assigned field work.</p>
<p>Update the Engineering Bureau web page to include additional information frequently requested by contractors, suppliers, and the general public by June 30, 2003:</p> <ul style="list-style-type: none"> -Schedule of upcoming bid dates -Plan holders lists -Unofficial bid results -Link to the Road/Wise web page -Map and directions to the Municipal Building 	<p>The new page design is 60% complete. The Roadwise link and the map and driving directions are complete. Data from the old site needs to be brought over to the new site. The plan holders lists are available on the internet now at SEblueprint.com. Bid dates and bid results are yet to be completed. Completion is expected by the end of October.</p>
<p>Convert the Engineering Bureau policy manual to electronic format and make it available over the computer network. This will make it easier to update and improve the availability to our employees. Accomplish this by March 31, 2003.</p>	<p>The scanning was completed February 14, 2003. The Manual was posted on the AEB website March 25, 2003. Employees were notified of its availability.</p>
<p>Reinforce cross-training by assigning small employee teams to update the Administrative Services Procedures Manual, initially drafted in 1998. This will be completed by September 30, 2003.</p>	<p>The secretarial staff developed a list of 113 tasks that are performed by the secretaries and account clerks. The trainers for these tasks were identified and assigned. Training sessions were documented and held for 50 of the tasks. The training for the remaining 63 tasks will be done in 2004.</p>

AEB Training

Administrative Services Division

In-House Training

- Secretarial Support Cross-Training - Alicia Garnett, Pam Pollock, Patricia Trudics, Linda Fallon, Marianne Kracker and Danielle Koballa
- Consultant Contract Seminar - Alicia Garnett, Pam Pollock, Patricia Trudics, Linda Fallon, Kenneth Kostura and Larry Thomas
- AutoCAD Forum and monthly training – Wendy Doyle
- RPR Seminar – Brent Kelley

City of Akron Training

- Customer Service Request System - Alicia Garnett, Pam Pollock, Patricia Trudics, Linda Fallon, Marianne Kracker, Larry Thomas, Brent Kelley and Ken Kostura
- EEO Laws Training - Patricia Trudics
- EMA Team Building Discussions with Ms. Mary Lou Rice - all Secretarial Support Staff also including Dave Celik, Danielle Koballa, Kenneth Kostura and Larry Thomas (9 employees attended.)
- CSR Configuration Manager training – Larry Thomas
- COA Employees in Akron Reads Program training – Larry Thomas

Outside Training

- CompUSA Front Page 2000 class – Larry Thomas
- ODOT Local Public Agency (LPA) Project Administration training - Larry Thomas

Construction Division

In-House Training

- Resident Project Representative Seminar - Approximately 50 attendees from Engineering, Public Works and Public Utilities

Outside Training

- Ohio Ready Mix Concrete and American Concrete Institute Technician Certification – Jason Kline and Bill Magyar
- American Concrete Institute Field Technician Re- Certification – Mike Huber
- Pesticide Certification Training – John Malish
- Design-Build Seminar for Public Works Projects - Brad Beckert, Mike Wytrzyaszczewski
- Mold and Asbestos Seminar - Mike Wytrzyaszczewski
- American Concrete Institute: Troubleshooting Concrete Construction and Concrete Repair Basics - Dave Cooke, JuanPablo Ascarrunz
- American Society of Civil Engineers: Design-Build Contracting Seminar - Jim Weber, Mike Wytrzyaszczewski
- American Concrete institute: Concrete Slabs of Grade - JuanPablo Ascarrunz, Bill Stump

Design Division

In-House Training

- January – QA/QC Process
- February – Meetings and Communications
- March – Proper use and operation of the color printer
- April – Dedication Plats and Vacation Plats
- May – Invoice Approval for Supplemental Services Contracts
- June – Precast Inlets
- July – Importing Parcel Information into a CAD Drawing; Consultant's CD & Survey Standards
- August – Water Meter Reading System
- September – Proper usage of a Fire Extinguisher
- October – GIS Training
- November – Akron Signalization Action Plan, Freeway Management System
- December – Demonstration of current GIS

City of Akron Training

- EEO Laws Training
- CAD Forum – Using Roadway Templates in Civil Design 3
- AutoCAD Training – Mike Hudik, Jim Vechery, Juan Pablo Ascarrunz, Rick Falkenstein, Bill Magyar, Mike Middendorf, Melissa Backus, Barry Pruitt, Chad Kobelt, Don Vardon, Jeff Caston, Phil Vukoder, David Frank, Cory Moke, Jason Kline
- CAD Forum – Editing a Block or Xref
- CAD Forum – Volo View Express
- CAD Forum – E-Transmit
- Outlook Scheduler Demonstration
- CSRS – Team Leaders and Division Manager
- CDL Training – Jeff Caston
- Do's and Don't's of Interviewing – Mike Madonio
- Acrobat 5.0 Introduction – Beth Mettle

Outside Training

- Feb 6 - PLSO Conference – Jeff Caston
- Feb 14 – Government Day / ODOT – Mark Moore
- Feb 26 – Conflict Management and Confrontational Skills – Randall Keirns
- Apr 5, 12, 26 – GPS/GIS Training through University of Akron – Don Vardon
- May 4-6 – ADA Access Board Chicago Meeting – Andy Davis
- Jun 11 – Update of the Local-Let Process / ODOT – Mike Madonio
- Jun 25 – Adobe Photo Shop – Wayne Bachus
- Oct 29 – An Overview of Wetlands Regulations by R&A – Bob Geiser, Chris Jonke, Leah Lee, Bill Marras, Chad Root, Mike Teodecki
- Nov 5 & 6 – Ohio Transportation Engineering Conference – Bob Geiser, Chad Root, Rob Scarletelli
- Nov 20 – Columbus Traffic Management Center – Andy Davis, Bob Geiser, Dave Frank
- Dec 2 – 5 – Autodesk University 2003 Conference – Beth Mettle
- Dec 9 – Contract Administration Training / ODOT – Mike Teodecki

Suppliers/Manufacturers Presentations

- January – BridgeTek – Design and construction of ConSpan Bridge Systems.
- April – Hydraulic Press Brick - Haydite for geotechnical applications
- April – BBC&M - Slope Stabilization Issues in the Akron Area
- August – Bommer & Associates – Little Tikes Play Equipment
- October – Sika – Innovations in Corrosion Mitigation
- December – Unilock – Retaining walls and pavers

Environmental Division

In-House Training

City of Akron Training

Outside Training

- Ongoing Pilot Facility at Toledo WWTP – Pat Gsellman, Jeff Bronowski
- Storage Basin Conference – Jeff Bronowski
- Wash DC Briefing - Pat Gsellman
- Polymer Bridge Presentation in Antioch, IL – Chad Root, Mike Teodecki, Mike Huber
- Tour of Storage Basin Facilities in Detroit – Brad Beckert, Jeff Bronowski
- WEFTEC 2003, Los Angeles – Pat Gsellman
- WEFTEC TMDL 2003, Chicago - Jeff Bronowski

DESIGN DIVISION

MANAGER:

Michael L. Madonio, P.E.
330-375-2160

Travis Capper, P.E., Civil Engineer III - 375-2699

Bob Geiser, Civil Engineer II - 375-2162

Leah Lee, Civil Engineer II - 375-2381

Beth Mettle, Applications Programmer - 375-2528 ext 3140

Rob Scarlatelli, Civil Engineer II - 375-2788

Andy Davis, P.E., Civil Engineer III - 375-2377

Michelle DiFiore, P.E., Civil Engineer III - 375-2495

Chris Jonke, P.E., Civil Engineer II - 375-2015

Dennis Hawthorne, Engineering Tech. II - 375-2528 ext 6467

Bill Marras, AIA, Project Coordinator - 375-2163

Wayne Bachus, Engineering Technician II - 375-2528 ext 3126

Sanford Taylor, Architectural Designer II - 375-2383

Mike Teodecki, P.E., Civil Engineer III - 375-2336

Jim Hall, Engineering Technician III - 375-2339

Randy Keirns, P.E., Civil Engineer II - 375-2167

Dianne Reed, Engineering Technician II - 375-2528 ext 3130

Chad Root, Civil Engineer I - 375-2483

Dave Wilkerson, P.E., Civil Engineer III - 375-2217

Jim Anderson, Engineering Technician III - 375-2528 ext 3466

Rick Fischer, Engineering Technician III - 375-2528 ext 3339

Phil Rohr, P.E., Civil Engineer II - 375-2265

SURVEY SECTION

Mike Hudik, P.S., Survey Projects Supervisor - 375-2375

Jeff Caston, P.S., Surveyor - 375-2282

Don Vardon, Engineering Technician I - 375-2282

Jim Vechery, Surveyor Aide II - 375-2282

Phil Vukoder, Surveyor Technician - 375-2282

FAX 330-375-2353

City Engineer

DAVID J. CELIK, P.E.

Danielle Wilkerson, Secretary IV

PHONE 330-375-2095

FAX 330-375-2574

CONSTRUCTION DIVISION

MANAGER:

James P. Weber, P.E.
330-375-2740

SENIOR ENGINEER:

Mark J. Moore, P.E.
330-375-2740

JuanPablo Ascarrunz, Engineering Tech. II - 375-2521

Mike Brehob, Engineering Technician III - 375-2394

Dave Cooke, Engineering Projects Coordinator - 375-2097

Scott Davenport, Engineering Technician III - 375-2740

Karen Dyer, Engineering Projects Coordinator - 375-2104

Rick Falkenstein, Engineering Technician III - 375-2740

Fred Fassnacht, Engineering Technician III - 375-2740

Bill Hahn, City Arborist & Horticulturist - 375-2373

Jason Harris, Engineering Technician III - 375-2740

Charles Hirsch, Engineering Technician II - 375-2740

Mike Huber, Materials Lab Supervisor - 375-2861

Letitia Jernigan, Engineering Technician III - 375-2578

Kerry Jones, Engineering Projects Coordinator - 375-2183

Jason Kline, Engineering Technician II - 375-2740

Chad Kobelt, Engineering Technician II - 375-2740

Richard Kovach, Engineering Technician III - 375-2184

Bill Magyar, Engineering Technician II - 375-2355

Jon Malish, Landscape Technician I - 375-2731

Paul McCutcheon, Engineering Technician III - 375-2740

Jeff Miller, Engineering Technician II - 375-2740

Corey Moke, Engineering Technician II - 375-2740

Larry Peaslee, Engineering Technician III - 375-2740

Barry Pruitt, Engineering Technician I - 375-2740

Jody Richards, Engineering Technician II - 375-2079

Adam Staller, Engineering Technician II - 375-2740

Bill Stump, Engineering Technician II - 375-2740

Mike Watt, Engineering Technician II - 375-2521

Mike Wyrzyszczewski, Engr Projects Coord - 375-2190

Jason Zajac, Engineering Technician II - 375-2740

FAX 330-375-2344

ENVIRONMENTAL DIVISION

MANAGER:

Patrick D. Gsellman, P.E.
330-375-2357

SENIOR ENGINEER:

Bradford A. Beckert, P.E.
330-375-2382

Genny Barth, Civil Engineer III - 375-2494

Len Blankenship, Engineering Tech II - 375-2528 ext 3128

Jeff Bronowski, P.E., Civil Engineer III - 375-2493

Mark Pirie, Engineering Technician III - 375-2492

Jeff VanNatten, Drafter II - 375-2528 ext 3468

FAX 330-375-2288

ADMINISTRATIVE SERVICES

MANAGER:

Kenneth F. Kostura, P.E.
330-375-2355

Larry Thomas, Engineering Technician III
330-375-2374

Wendy Doyle, Cartographer - 375-2528 ext 6029

Linda Fallon, Account Clerk III - 375-2528 ext 4876

Alicia Garnett, Account Clerk II - 375-2355

Brent Kelley, Engineering Technician II - 375-2491

Marianne Kracker, Secretary II - 375-2355

Pam Pollock, Secretary III - 375-2528 ext 6027

Joe Prekop, Applications Programmer - 375-2528 ext 6847

Patty Trudics, Secretary III - 375-2740

FAX 330-375-2288

01-07-04

**STATUS OF PERMANENT ENGINEERING BUREAU PERSONNEL
AS OF DECEMBER 31, 2003**

CLASSIFICATION/NAME	CHANGE IN STATUS
<u>CITY ENGINEER</u> DAVID J. CELIK	
<u>ENGINEERING DIVISION MANAGERS</u> PATRICK D. GSELLMAN KENNETH F. KOSTURA MICHAEL L. MADONIO JAMES P. WEBER	
<u>SENIOR ENGINEER</u> BRADFORD A. BECKERT MARK J. MOORE	
<u>CIVIL ENGINEER III</u> EUGENIE BARTH CHRIS A. BORES JEFFREY BRONOWSKI TRAVIS L. CAPPER ANDREW J. DAVIS MICHELLE DiFIORE CHRISTINE JONKE MICHAEL J. TEODECKI DAVID C. WILKERSON	Promoted 10/27/03 Promoted 10/27/03 Promoted 3/4/03
<u>CIVIL ENGINEER II</u> ROBERT GEISER RANDALL KEIRNS LEAH LEE PHILIP A. ROHR CHAD ROOT ROB SCARLATELLI	
<u>ENGINEERING PROJECTS</u> <u>COORDINATOR</u> DAVID S. COOKE KAREN B. DYER KERRY R. JONES WILLIAM J. MARRAS MICHAEL D. WYTRZYSZCZEWSKI	Promoted 9/22/03
<u>CITY ARBORIST & HORTICULTURIST</u> WILLIAM H. HAHN	
<u>LANDSCAPE TECHNICIAN I</u> JONATHAN MALISH	
<u>CONSTRUCTION MATERIALS</u> <u>LABORATORY SUPERVISOR</u> MICHAEL D. HUBER	

<p><u>ENGINEERING TECHNICIAN III</u> JAMES M. ANDERSON MICHAEL E. BREHOB T. SCOTT DAVENPORT RICHARD J. FALKENSTEIN FREDERICK J. FASSNACHT RICHARD W. FISCHER JAMES L. HALL JASON HARRIS TISH JERNIGAN RICHARD F. KOVACH PAUL A. McCUTCHEON LARRY D. PEASLEE MARK S. PIRIE LARRY F. THOMAS</p>	
<p><u>ENGINEERING TECHNICIAN II</u> JUANPABLO ASCARRUNZ WAYNE BACHUS LEONARD BLANKENSHIP DENNIS L. HAWTHORNE KURT E. HEFFERNAN CHARLES HIRSCH K. BRENT KELLEY JASON KLINE CHAD KOBELT WILLIAM MAGYAR JEFFREY L. MILLER COREY MOKE DIANNE R. REED JODY RICHARDS ADAM STALLER WILLIAM STUMP DONALD VARDON J. MICHAEL WATT JASON ZAJAC</p>	<p>Class Transfer 7/13/03</p> <p>Reassigned 11/10/03</p> <p>Promoted 7/7/03 Promoted 7/7/03</p>
<p><u>ENGINEERING TECHNICIAN I</u> BARRY PRUITT</p>	
<p><u>SURVEYING PROJECT SUPERVISOR</u> MICHAEL J. HUDIK</p>	
<p><u>SURVEYOR</u> JEFFREY CASTON</p>	
<p><u>SURVEYOR AIDE III</u> JAMES P. VECHERY</p>	
<p><u>SURVEYOR TECHNICIAN</u> PHILIP W. VUKODER</p>	

<u>ARCHITECTURAL DESIGNER II</u> SANFORD TAYLOR	
<u>CARTOGRAPHER</u> WENDY DOYLE	
<u>APPLICATIONS PROGRAMMER</u> BETH METTLE JOSEPH PREKOP III	Class Transfer 10/30/03 Promoted 7/30/03
<u>SECRETARY IV</u> DANIELLE A. WILKERSON	
<u>SECRETARY III</u> PAMELA K. POLLOCK PATRICIA TRUDICS	
<u>SECRETARY II</u> MARIANNE KRACKER	
<u>ACCOUNT CLERK III</u> LINDA S. FALLON	
<u>ACCOUNT CLERK II</u> ALICIA GARNETT	
<u>ENGINEERING AIDE I</u> COLLEEN GAYNOR	Transferred 6/16/03
<u>DRAFTER II</u> JEFFREY VANNATTEN	

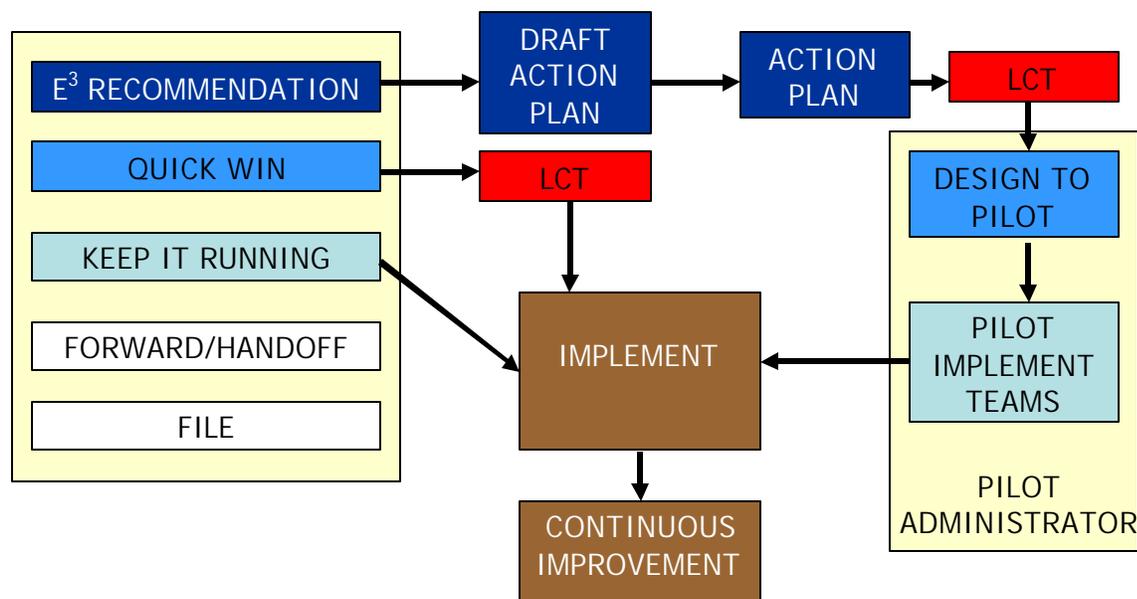
World Class Organization, Engineering Core Design Team E³ – 2003 SUMMARY OF WORK

The Engineering Bureau continued its active participation in the World Class Organization (WCO) initiative in 2003. The Engineering Bureau is a member of the Leading Change Team (LCT) and the E³ Core Design Team. The E³ Core Design Team includes representatives from the Engineering Bureau, Public Works Engineering Services and Traffic Engineering.

The Team vision is to provide quality services that are delivered efficiently and effectively. The Team process includes an eight step process. They include (1) identify products and services, (2) define customers and requirements, (3) develop strategic objectives, (4) redesign process and define standards, (5) define organization structure and identify resources, (6) develop pilot Action Plan, (7) pilot, implement and evaluate and (8) roll-out and continuous improvement. In 2003 the Team worked through steps 5 and 6. The draft Action Plan was scheduled to be presented to the LCT in early 2004. The various recommendations were grouped into the categories of (1) E³ recommendations, (2) quick wins, (3) keep-it-running and (4) forward/handoff. Each individual recommendation was discussed in the Action Plan as follows:

- ✓ Opportunity Statement
- ✓ WCO Focus
- ✓ Internal Benchmarking
- ✓ Cost Incurred/Cost Avoided
- ✓ Performance Gap/Gain
- ✓ Implementation Issues/Requirements
- ✓ Summary
- ✓ Performance Measures

The remaining process is shown below:

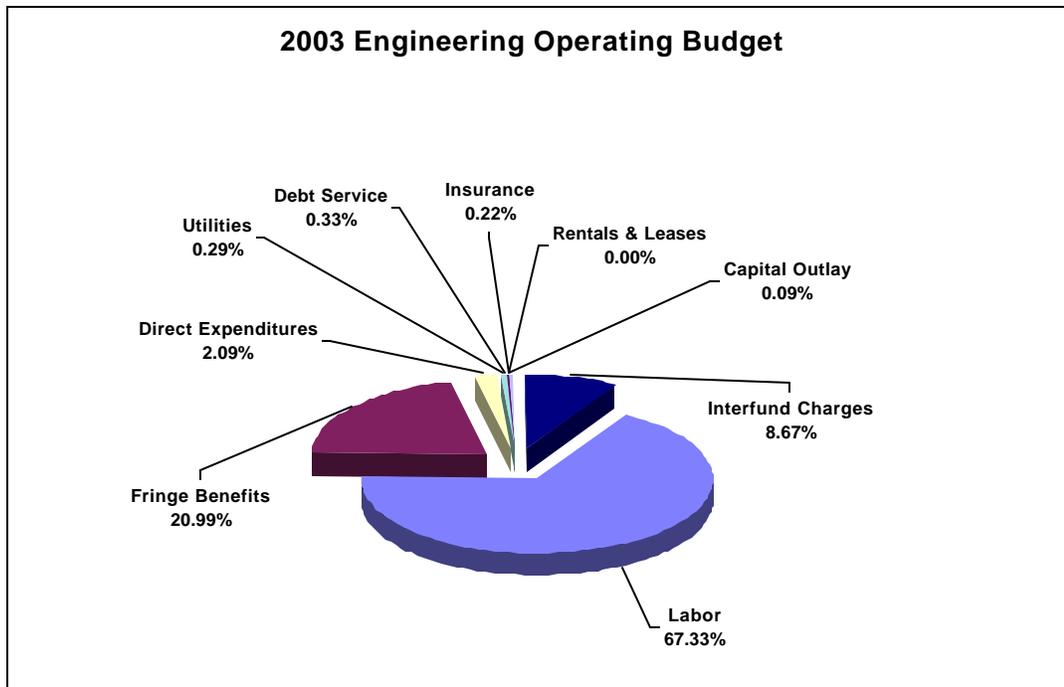


Each recommendation is classified as organizational, process and procedure, or technology. In 2004 “design to pilot” teams will be established to complete details and determine business case. The team would then recommend a pilot or Pilot Implementation Evaluation (PIE) Team to implement the recommendation. The PIE Team would verify the business case and determine the final implementation schedule. Quick Wins may require a sub-team or design team to further validate the business case. Several recommendations can go directly to management for implementation after approval from the LCT.



2003 Engineering Operating Budget

Labor	\$4,179,495.26
Fringe Benefits	\$1,302,844.11
Direct Expenditures	\$129,680.48
Utilities	\$17,792.42
Debt Service	\$20,266.12
Insurance	\$13,496.02
Rentals & Leases	\$0.00
Capital Outlay	\$5,600.00
Interfund Charges	<u>\$538,273.73</u>
Grand Total	\$6,207,448.14

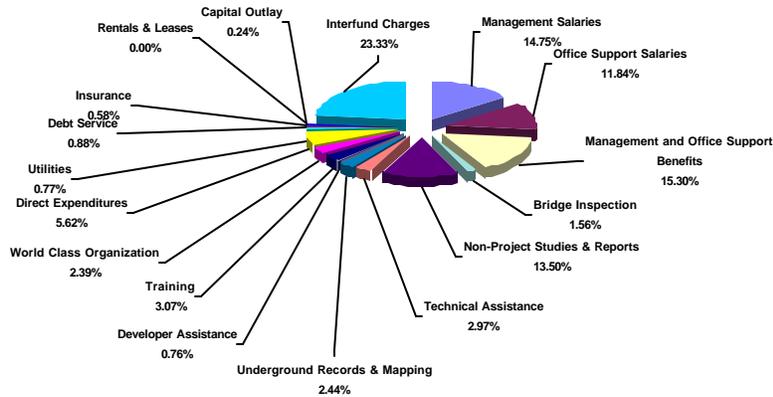




2003 Applied Overhead

Management Salaries	\$340,389.08
Office Support Salaries	\$273,321.90
Management and Office Support Benefits	\$352,943.76
Bridge Inspection	\$35,979.07
Non-Project Studies & Reports	\$311,549.02
Technical Assistance	\$68,473.64
Underground Records & Mapping	\$56,352.38
Developer Assistance	\$17,495.22
Training	\$70,760.98
World Class Organization	\$55,167.77
Direct Expenditures	\$129,680.48
Utilities	\$17,792.42
Debt Service	\$20,266.12
Insurance	\$13,496.02
Rentals & Leases	\$0.00
Capital Outlay	\$5,600.00
Interfund Charges	\$538,273.73
Grand Total	\$2,307,541.59

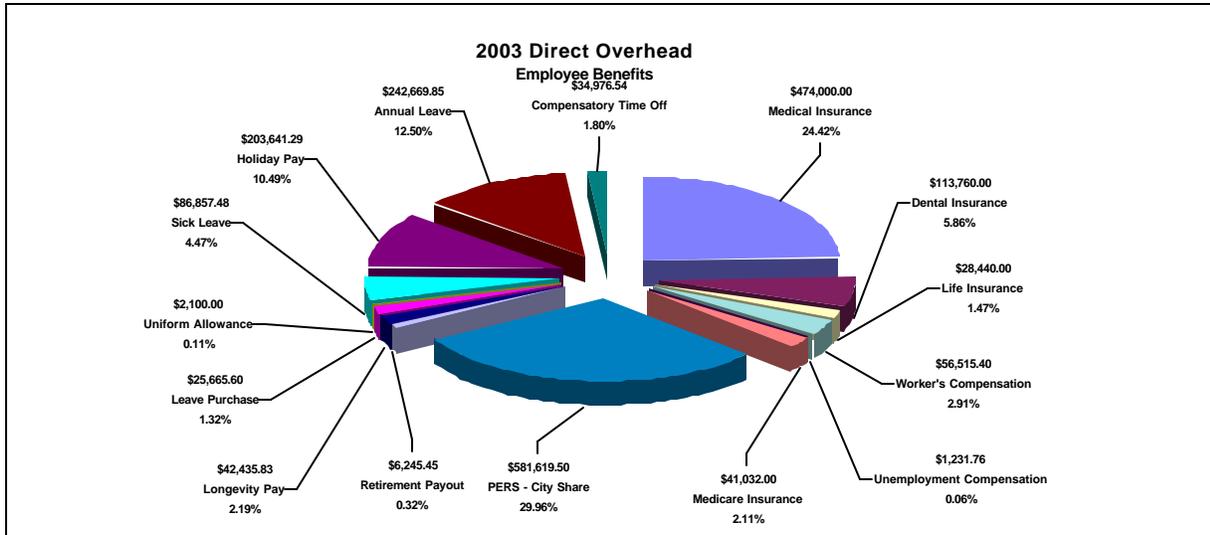
2003 Applied Overhead Indirect Overhead



2003 Direct Overhead

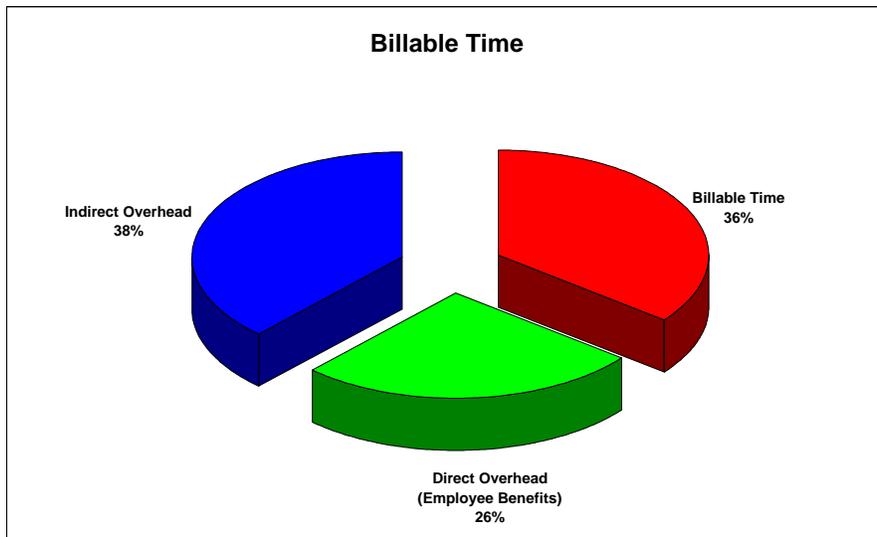
Medical Insurance	\$474,000.00
Dental Insurance	\$113,760.00
Life Insurance	\$28,440.00
Worker's Compensation	\$56,515.40
Unemployment Compensation	\$1,231.76
Medicare Insurance	\$41,032.00
PERS - City Share	\$581,619.50
Retirement Payout	\$6,245.45
Longevity Pay	\$42,435.83
Leave Purchase	\$25,665.60
Uniform Allowance	\$2,100.00
Sick Leave	\$86,857.48
Holiday Pay	\$203,641.29
Annual Leave	\$242,669.85
Compensatory Time Off	<u>\$34,976.54</u>

Grand Total less Management and Office Support Benefits @ \$352,943.76 \$1,588,246.94



2003 Billable Time vs Overhead Comparisons

Billable Time	\$2,162,007.64
Direct Overhead (Employee Benefits)	\$1,588,246.94
Indirect Overhead	<u>\$2,307,541.59</u>
	\$6,057,796.17





2003 CAPITAL INVESTMENT & COMMUNITY DEVELOPMENT PROGRAM REVENUE & EXPENDITURE SUMMARY

For the year 2003, City Council approved a \$184,057,000 Capital Investment and Community Development Program. The funding comes from a number of federal, state and local funding sources as shown in the following chart. The program consists of several categories of projects, with the largest being Other, totaling more than \$66 million. The program includes the housing and human resources program, debt service, preliminary engineering and closeouts, and program overhead costs in addition to the construction projects.

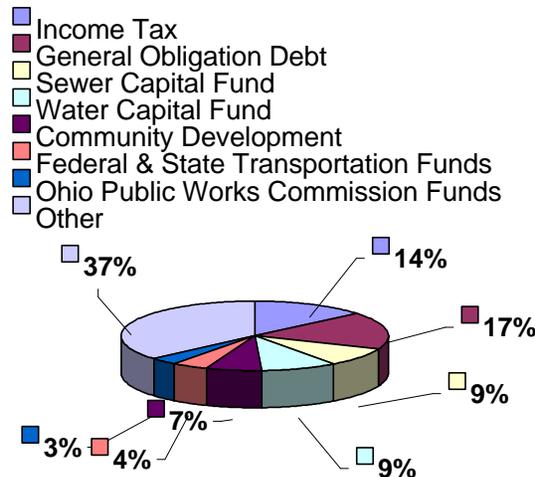
2003 Sources of Revenue

Income Tax	\$25,420,000
General Obligation Debt	\$31,595,000
Sewer Capital Fund	\$16,573,000
Water Capital Fund	\$16,952,000
Community Development	\$12,365,000
Federal & State Transportation Funds	\$7,800,000
Ohio Public Works Commission Funds	\$6,385,000
Other	<u>\$66,967,000</u>
Grand Total	\$184,057,000

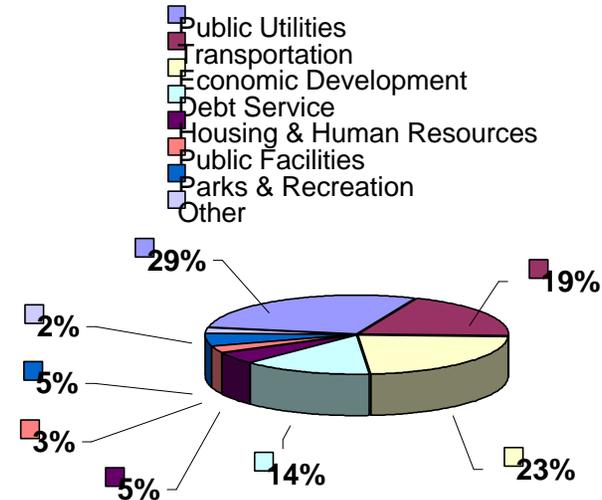
2003 Program Expenditures

Public Utilities	\$52,611,000
Transportation	\$35,152,000
Economic Development	\$42,565,000
Debt Service	\$25,400,000
Housing & Human Resources	\$9,165,000
Public Facilities	\$5,204,000
Parks & Recreation	\$9,855,000
Other	<u>\$4,105,000</u>
Grand Total	\$184,057,000

2003 Sources of Revenue



2003 Program Expenditures



2003 Construction Contracts

Project Name	Contractor	Bid Date	Award Date	Construction Amount
North Turkeyfoot Rd Warner Water JEDD	Wingfoot Rental	12/18/2002	1/13/2003	\$559,308.00
Ascot Phase 2 Clearing & Grubbing	Moderalli Excavating	2/11/2003	2/24/2003	\$99,580.00
Main Street Electrical Upgrade Ph1	Dies Electric	2/13/2003	2/24/2003	\$55,580.00
Patterson Park Walks / Parking Lots	AJC Construction Co., Inc.	2/19/2003	3/10/2003	\$35,285.78
Weathervane/Towpath Parking	AJC Construction Co., Inc.	2/19/2003	3/10/2003	\$90,486.00
ADA Curb Ramps 2003 Contract 3	Spaulding Construction	3/4/2003	3/24/2003	\$452,972.46
ADA Curb Ramps 2003 Contract 4	Gironda, Vito Construction Company	3/5/2003	3/24/2003	\$442,857.00
Exchange Street over Wolf Ledges	Bridge Overlay Systems	3/6/2003	3/24/2003	\$243,443.40
ADA Curb Ramps 2003 Contract 5	Cementech, Inc.	3/6/2003	3/24/2003	\$446,872.80
ADA Curb Ramps 2003 Contract 6	Michael Construction Co.	3/12/2003	3/24/2003	\$440,142.00
Parkdale Drive et al	Cioffi & Son Construction Co.	3/13/2003	6/9/2003	\$650,490.10
Park West Blvd Phase 1	Northern Valley Contractors, Inc.	3/19/2003	4/14/2003	\$1,386,392.59
Street Tree Replacement 2003	Aaron Landscape, Inc.	3/20/2003	3/31/2003	\$103,596.00
Main Street Electrical Upgrade Ph 2	Dies Electric	4/9/2003	4/21/2003	\$155,226.00
Canfield Rd Pump Station JEDD	Miller, H.M. Construction Co.	4/18/2003	6/16/2003	\$592,813.00
High Street Viaduct Rehab	The Great Lakes Construction Company	4/24/2003	5/5/2003	\$4,829,681.00
HK Stubbs Lobby / Plaza Elevator	Ingersoll Building Corporation	4/29/2003	5/19/2003	\$244,680.00
Honodle Ave Et Al Seiberling CDA II	Cioffi & Son Construction Co.	4/29/2003	6/2/2003	\$1,052,709.10
Morley Floor Two Renovation	Intec Building Systems, Inc. (IBS)	4/30/2003	5/19/2003	\$51,630.00
E. Exchange St / Arc Dr Signalization	Michael Construction Co.	5/1/2003	5/12/2003	\$41,060.50
Chandler Ave Et Al Kenmore II CDA	Michael Construction Co.	5/1/2003	6/2/2003	\$1,530,395.25
Campbell Street	Michael Construction Co.	5/7/2003	6/16/2003	\$325,891.15
Cuyahoga Street/Alberti Court	Karvo Paving	5/14/2003	6/16/2003	\$1,021,430.55
Johnston St. Locker Room Renovation	O.L. Construction	5/20/2003	6/2/2003	\$185,735.00
Middlebury Grocery Remediation	Bennett, Bob Construction Co.	5/20/2003	6/2/2003	\$254,184.50
Cascade Deck Concrete Repairs 2003	Nathan Contracting	5/28/2003	7/28/2003	\$1,498,419.00
Ascot Industrial Park Phase 2	Northern Valley Contractors, Inc.	6/3/2003	6/16/2003	\$1,625,639.85
Fire Station No 4 Drive & Apron	Cementech, Inc.	6/5/2003	6/16/2003	\$81,615.00
Commerce Drive Sewer JEDD	Campbell Contracting Co.	6/17/2003	7/7/2003	\$194,888.45
Celtic Street and Edwin Avenue	Michael Construction Co.	7/1/2003	7/14/2003	\$655,331.90
Fox Rd et al Pump Station Repairs	ABC Piping	7/1/2003	8/18/2003	\$94,750.00
ADA Curb Ramps 2003 Contract 1 Madison	Spaulding Construction	7/2/2003	7/14/2003	\$474,753.30
ADA Curb Ramps 2003 Contract 2 Arlington	Gironda, Vito Construction Company	7/3/2003	7/14/2003	\$462,674.50
Oak Grove/High Grove Water JEDD	Miller, H.M. Construction Co.	7/3/2003	7/14/2003	\$283,194.42
WPCS Influent Screen Compactor Contract No. 1	Shook, Inc.	7/3/2003	7/14/2003	\$398,400.00
Beech St Power Plant Waste Disposal	Precision Environmental	7/8/2003	7/28/2003	\$476,447.10

Thursday, June 03, 2004

Project Name	Contractor	Bid Date	Award Date	Construction Amount
Middlebury Run Park Bridge No. 3	Northern Valley Contractors, Inc.	7/15/2003	7/28/2003	\$53,400.00
Reservoir Park Basketball Courts	Perrin Asphalt Co., Inc.	7/15/2003	7/28/2003	\$85,597.50
Expressway Ramp Repairs	Northern Valley Contractors, Inc.	7/16/2003	7/28/2003	\$145,295.15
MSC Building #2 CSRS	Sykes Construction Co., Inc.	7/22/2003	8/4/2003	\$249,326.00
Pigeon Creek Copley Rd. Sewer JEDD	Miller, H.M. Construction Co.	7/23/2003	8/4/2003	\$186,233.50
Copley Road Soccer Complex	Cavanaugh Building Corporation	7/24/2003	8/4/2003	\$2,142,000.00
Reservoir Park Storage/Pavilions	O.L. Construction	8/5/2003	8/25/2003	\$130,297.00
Sand Run Road Slope Stabilization	Northern Valley Contractors, Inc.	8/15/2003	8/18/2003	\$1,257,140.07
Hardesty Park Improvements Playground Equip	WALSH, DON & ASSOCIATES	8/20/2003	10/14/2003	\$49,606.40
Beech St. Power Plant Asbestos	Precision Environmental	8/27/2003	9/8/2003	\$726,000.00
Inman Street, et al. Sewer Lining SSR 2003	United Survey, Inc.	9/3/2003	9/29/2003	\$348,936.00
Pickle Road Sports Complex	Northern Valley Contractors, Inc.	9/4/2003	9/22/2003	\$2,018,771.53
Canyon Trail Play Equipment	Sanyo Construction	9/10/2003	9/22/2003	\$41,036.00
Hardesty Park Walking Path	Cavanaugh Building Corporation	9/30/2003	10/20/2003	\$47,558.00
Chaffin Rd. Waterloo Water JEDD	Miller, H.M. Construction Co.	10/1/2003	11/10/2003	\$200,357.39
Morley 4th Floor Laboratory	Kitchen Perfect Ltd.	10/21/2003	11/24/2003	\$42,850.00
North Main / Furnace Streetscape	Kenmore Construction Co.	11/12/2003	11/24/2003	\$551,716.10
Harrington Rd Warner Rd Water JEDD	Miller, H.M. Construction Co.	11/25/2003	12/8/2003	\$229,650.50
Misc Storm Improvements 2002	Michael Construction Co.	12/2/2003	12/22/2003	\$189,469.40
Sewer Reconstruction 2002 Including Manhole	Cioffi & Son Construction Co.	12/4/2003	12/15/2003	\$375,491.00
Water Booster Pump Station - JEDD	Wingfoot Rental	12/10/2003	12/22/2003	\$352,114.00
Total Amount of 2003 Projects				\$30,961,401.24

Street Improvement Petitions Accepted By Council, 2003

This table reflects the petitions that were returned and accepted by Council in 2003.

<i>Street</i>	<i>Limits</i>	<i>TYP</i>	<i>COUNCIL</i>	<i>%</i>	<i>FAV</i>	<i>DATE</i>	<i>W</i>
BISHOP ST	EXCHANGE-CEDAR	Walk & Curb	4/4/2003	75%	D-290	4/7/2003	03
BAILEY CT	GLENWOOD-DEAD END	Improvement	7/14/03	72%	D-366	7/21/2003	05
ROSLYN AVE	DELIA-THORNDALE	Walk & Curb	10/17/03	58%	D-416	10/20/2003	04
PELTON AVE.	WESTMORELAND-ALLENF ORD	Improvement	10/23/03	50%	D-427	10/27/2003	09



AEB Memorandum

To: David J. Celik, P.E.
City Engineer

CC: M. Huber, M. Madonio, M. Moore, Bridge File, Construction Division File

From: James P. Weber, P.E.
Construction Division Manager

Date: July 17, 2003

Subject: **2003 Bridge Inspection Summary**

The following report is a summary of the 2003 bridge inspection. There are 79 bridges for which the City has inspection and maintenance responsibility. This is an increase of three bridges due to the addition of records for new Ohio Canal Towpath Trail. The general appraisal ratings of these bridges are listed below. For comparison, the 2000-2002 ratings are also shown.

	<u>2003</u>	<u>2002</u>	<u>2001</u>	<u>2000</u>
Critical Condition	00	00	00	00
Serious Condition	02	00	00	00
Poor Condition	04	09	06	09
Fair Condition	06	03	05	07
Satisfactory Condition	28	30	28	28
Good Condition	16	17	18	13
Very Good Condition	23	23	21	21

The following bridges are in serious condition and need attention within three years.

- No. 117 Mill Street over Railroad
Plans are being developed to reconstruct the existing bridge. Construction is scheduled for 2005/2006 possibly as an ODOT/LPA project.
- No. 164 Market Street over Kelly Avenue
Replace precast concrete bridge deck. Bridge should be evaluated for load restriction. Design Division will have a consultant review and rate the structure for load restriction under supplemental service contract.

The following bridges are in poor condition and need attention within three years. Some of these may already be in various stages of programming, design and bidding.

- No. 144 Carnegie over Nesmith Lake
Construction scheduled for 2003.
- No. 145 Carey Pedestrian Bridge over Mud Run
Repair or replace cracked and spalled precast concrete double tee beams. There are no current plans to rehabilitate this structure.
- No. 150 High-Main Viaduct southbound at Goodrich
Construction to replace concrete deck is scheduled for 2003.

No. 154 Abington Road over Springfield Lake Outlet
Replace deck, back walls and approaches. Repair abutments and paint all steel members. Design for this structure may be included as part of the 2004 Bridge Maintenance Program.

No. 182 High-Main Pedestrian Tunnel
Removal of this structure is included in the High Street viaduct project.

The following bridges are in fair condition and need attention within five years. Some of these may already be in various stages of programming, design and bidding.

No. 113 Stuber Street over Little Cuyahoga River
Repair concrete back walls, abutments, and wing walls. Replace approach walks and expansion joints. Paint all steel members. Consider concrete deck overlay deck.

No. 140 Newton Street over Roosevelt Creek
Study for possible deck replacement.

No. 151 Bartges over Garage Drive
Repair concrete abutments and wing walls. Review for possible deck replacement. Rehabilitation of this structure is included in the High Street viaduct project scheduled for construction in 2003.

There are 19 railroad bridges which were inspected by the City this year. The maintenance responsibility for these bridges belongs to the respective railroad companies. The ratings are as follows:

	<u>2003</u>	<u>2002</u>	<u>2001</u>	<u>2000</u>
Critical Condition	00	00	00	00
Serious Condition	01	00	01	01
Poor Condition	07	07	07	07
Fair Condition	00	01	01	01
Satisfactory Condition	06	07	07	07
Good Condition	03	03	03	03
Very Good Condition	02	02	02	02

The following bridge is in serious condition and needs attention within three years.

No. 40 Park Street over Railroad
This structure needs to be eliminated or total replacement and should be programmed for ODOT/Federal funds. This structure has a posted load limit. There are no current plans for remediation.

The following bridges are in poor condition and need attention within three years.

No. 6R Railroad over Memorial Parkway
B&N has performed an in-depth climbing inspection and noted several deficiencies. A report has been sent to the Wheeling and Lake Erie. W&LE disagree with the findings. Akron Law Department is preparing a response.

No. 07R Railroad over Silver Street
The railroad has been notified of the bridge condition.

No. 11R Railroad over Canal Street
The railroad has been notified of the bridge condition.

- No. 13R Railroad over Forge Street (third from west)
The railroad has been notified of the bridge condition.
- No. 19R Railroad over Newton Street
The railroad has been notified of the bridge condition.
- No. 29R Railroad over Forge Street (fourth from west)
The railroad has been notified of the bridge condition.
- No. 36R Railroad over Eastwood Avenue
The railroad has been notified of the bridge condition.

There are 41 other bridges for which ODOT has inspection responsibility and the City has maintenance responsibility. These bridges were also inspected by the City to assess maintenance needs. The general appraisal of these bridges is as follows:

	<u>2003</u>	<u>2002</u>	<u>2001</u>	<u>2000</u>
Critical Condition	00	00	00	00
Serious Condition	00	00	00	01
Poor Condition	01	01	01	03
Fair Condition	06	04	02	03
Satisfactory Condition	14	12	12	13
Good Condition	13	17	16	16
Very Good Condition	7	12	16	11

The following bridge is in poor condition and needs attention within three years. It may already be in various stages of programming, design and bidding.

- No. 142 Tallmadge Avenue over Railroad at Bettes Corners
Replace deck, reconstruct approach slabs, provide watertight expansion joints, and patch piers and abutments. This work should be coordinated with the same work on Bridge No. 141 (Home Avenue over Railroad). This structure is currently being programmed for ODOT/Federal funds. Construction scheduled 2004/2005.

The following bridges are in fair condition and need attention within five years. Some of these may already be in various stages of programming, design and bidding.

- No. 55 SR 8 over Beacon Street
Repair concrete abutments, back walls, and piers. Paint all steel members. This structure is to be included in the SR 8 upgrade project.
- No. 57 SR 8 over Exchange Street
Repair concrete abutments and back walls. Paint all steel members. Study possible deck replacement of southbound lanes. This structure is to be included in the SR 8 upgrade project.
- No. 123 SR 224 over Access Road and Railroad
Repair concrete abutments, back walls, piers, footings and pier cap. Study possible deck replacement. This structure is to be included in the US 224 upgrade project scheduled for 2004.
- No. 165 Market Street over Innerbelt
Repair concrete approaches, back walls, and abutments. Replace concrete deck and paint all steel members. Structure will be rehabilitated as part of Innerbelt improvements. ODOT is scheduled to resurface Market Street from west end of bridge to Martha including the bridge and paint. Construction scheduled for 2004/2005.

- No. 171 SR 59 Innerbelt over Exchange Street
Replace back walls, expansion joints and bearings. Repair abutments and paint or replace superstructure. Replace approach slabs and study deck replacement.
- No. 179 Dart Avenue over Ohio Canal
Study void in wearing surface and impact on box beams. Consider replacement of concrete box beams with conspan bridge.

There were 69 other bridges inspected by the City of Akron for which ODOT has inspection and maintenance responsibility. The general appraisal of these bridges is as follows:

	<u>2003</u>	<u>2002</u>
Critical Condition	00	00
Serious Condition	01	00
Poor Condition	01	01
Fair Condition	09	05
Satisfactory Condition	18	21
Good Condition	11	14
Very Good Condition	23	28

The following bridge is in serious condition and needs attention within three years.

- No. 6 Stoner Avenue over I-77
ODOT transmitted consent legislation to the City on February 11, 1999. Scope of project is deck replacement, paint, and raise bridge to increase vertical clearance. Design and administration by ODOT. Construction is currently in progress.

The following bridge is in poor condition and needs attention within three years. It may already be in various stages of programming, design and bidding.

- No. 20 Grant Street over I-77
Replace deck and back walls. Repair abutments, piers, and paint steel. ODOT scheduled deck replacement 2004/2005.

The following bridges are in fair condition and need attention within five years. Some of these may already be in various stages of programming, design and bidding.

- No. 5 Pickford Avenue Pedestrian Bridge over I-77
Replace deck and rehabilitate concrete substructure. Blast and paint steel superstructure.
- No. 14 West Expressway I-77 over Boulevard Street
Repair or replace expansion joint and resurface.
- No. 18A I-76/77 off-ramp over Broadway, Sweitzer and Railroad
Blast and paint steel superstructure.
- No. 19 Wolf Ledges over I-77
Replace deck, sidewalks, curbs, expansion joints, approaches and back walls. Repair abutments, piers, and paint steel. ODOT scheduled deck replacement 2004/2005.
- No. 21 Sumner Avenue Pedestrian Bridge over I -77
Replace concrete spiral approach spans. Repair concrete abutments and back walls. Study deck overlay options. ODOT scheduled improvements 2004/2005.

- No. 23 I-76/77 Eastbound over Spicer and Johnston Streets
Repair concrete back walls, abutments, slope protection and blast and paint steel superstructure.
- No. 24 I-76 over Inman Street
Repair concrete back walls, abutments, slope protection and piers. Study possible overlay or deck replacement and repair of expansion joints.
- No. 25 I-77 Northbound Ramp over Johnston Street
Repair concrete back walls, abutments, slope protection and piers. Study possible overlay or deck replacement and repair of expansion joints.
- No. 81 Edwin Avenue Pedestrian Bridge over I-277
Replace concrete deck, back walls and fence. Repair concrete abutments and piers. Paint all steel members.

The following bridges were rated in satisfactory to good condition overall. However, these bridges need attention to one or more components within three years to continue to function in good condition. Some of these may already be in various stages of programming, design and bidding.

- No. 2 I-77 Northbound over Frank Boulevard
Blast and paint steel superstructure.
- No. 2 I-77 Southbound over Frank Boulevard
Blast and paint steel superstructure.
- No. 4 I-77 over Copley Road
Blast and paint steel superstructure. Painting contract currently administered by ODOT.
- No. 7 I-77 over Wooster Avenue
Blast and paint steel superstructure. Painting contract currently administered by ODOT.
- No. 8 I-77 over Hawkins Avenue
Blast and paint steel superstructure. Painting contract currently administered by ODOT.
- No. 12 I-77 over Manchester Road
Blast and paint steel superstructure.
- No. 16 I-77 over Main Street
Blast and paint steel superstructure.
- No. 18 I-77 over High Street, Broadway Street and Railroad
Repair rockers and blast and paint steel superstructure.
- No. 18B I-77 Ramp Eastbound over Sweitzer Street, Broadway Street and Railroad
Repair rockers and blast and paint steel superstructure.
- No. 58 Carroll Street over SR 8
Resurface approach pavement. Included in SR 8 upgrade.
- No. 59 Buchtel Avenue over SR 8
Repair concrete back walls and abutments, paint superstructure. Included in SR 8 upgrade.
- No. 63 SR 8 Viaduct over North Street and Cuyahoga River
Repair erosion at pier No. 7 northeast.

- No. 68 I-76 Kenmore Leg over Railroad
Replace approach slabs and expansion joints. Repair concrete back walls and abutments.
- No. 84 27th Street over Kenmore Boulevard and Railroad
Replace north expansion joint, repair north concrete back wall and abutment, blast and paint beam ends at north abutment.
- No. 85 I-224 over Arlington Street
Overlay bridge deck eastbound with micro-silica concrete. May be a candidate for bridge maintenance program funds or programmed for ODOT BR funds.
- No. 98 Manchester Road over Railroad and West Wilbeth Road
Repair concrete abutments and back walls.
- No. 109 State Street over Ohio Canal
Repair undermined slope protection west end. Study piers for structural integrity.
- No. 115 East Exchange Street over Railroad and Wolf Ledges
Overlay bridge deck with micro-silica concrete. May be a candidate for bridge maintenance program funds or programmed for ODOT BR funds. Design for this project is currently in progress. Construction for this project is scheduled for 2003.
- No. 127 Hilbish Avenue over Springfield Lake
Replace concrete deck. Rehabilitate back walls, abutments, wing walls and paint steel superstructure.
- No. 124 Triplett Boulevard over Railroad
Repair concrete piers and abutments. Replace bearings on east end that are allowing excessive vertical movement and paint all steel members.
- No. 141 Home Avenue over Railroad at Bettes Corners
Replace deck, reconstruct approach slabs, provide new waterproof expansion joints, and patch piers and abutments. This work should be coordinated with the same work on Bridge No. 142 (Tallmadge Avenue over Railroad at Bettes Corners). This structure is being programmed for ODOT/Federal funds. Design scheduled for 2002, construction scheduled 2004/2005.
- No. 143 Home Avenue over Beatrice
Repair abutments and back walls, overlay deck with micro-silica concrete, and replace approach curbs and sidewalks. Design scheduled for 2002, construction scheduled 2004/2005.
- No. 148 Brittain Road over Railroad at East Market Street
Rehabilitate back walls and abutments, replace concrete deck and expansion joints.
- No. 149 All America (Y-bridge) Southbound over North Street
Study possible deck overlay and repair expansion joints.
- No. 166 Ramp B over SR 59 Innerbelt
Replace concrete back walls, repair abutments, and paint superstructure. ODOT project 2004/2005.

MDH:pt

**STREET MILEAGE CHANGES
AS OF DECEMBER 31, 2003**

THIS TABLE DEPICTS THE ADDITIONS AND DELETIONS OF STREETS IN 2003

ROADWAY		MILES OF IMPROVED STREETS	
<u>CLASS</u>	<u>CLASSIFICATION</u>	<u>PUBLIC</u>	<u>PRIVATE</u>
A	ARTERIAL	1.86	0
B	COLLECTOR	4.63	0
C	RESIDENTIAL	2.01	0
	SUBTOTAL	8.5	0
MILES OF UNIMPROVED STREETS			
D	GRAVEL, CINDERS, DIRT	0	0
E	TRAILS	0	0
U	UNOPENED	0	0
X	CHIP & SEAL	0	0
	SUBTOTAL	0	0
	GRAND TOTAL	0	0

THE MILEAGE OF IMPROVED STREETS SHOWN ABOVE INCLUDES THE FOLLOWING EXPRESSWAY MILEAGE & BRIDGE MILEAGE

<u>EXPRESSWAY MILEAGE</u>	<u>BRIDGE MILEAGE</u>	
MAIN EXPRESSWAY	0 CITY MILEAGE	0
SERVICE ROADS	0 CITY OTHER	0
RAMPS	0 COUNTY MAINTENANCE	0
TOTAL	0 TOTAL	0

**TOTAL STREET MILEAGE
AS OF DECEMBER 31, 2003**

ROADWAY		MILES OF IMPROVED STREETS	
<u>CLASS</u>	<u>CLASSIFICATION</u>	<u>PUBLIC</u>	<u>PRIVATE</u>
A	ARTERIAL	307.74	4.93
B	COLLECTOR	124.69	1.36
C	RESIDENTIAL	298.89	8.98
	SUBTOTAL	731.32	15.27
MILES OF UNIMPROVED STREETS			
D	GRAVEL, CINDERS, DIRT	75.64	14.29
E	TRAILS	9.1	1.36
U	UNOPENED	20.84	6.69
X	CHIP & SEAL	71.41	0.68
	SUBTOTAL	176.99	23.02
	GRAND TOTAL	892.91	38.29

<u>EXPRESSWAY MILEAGE</u>	<u>BRIDGE MILEAGE</u>	
MAIN EXPRESSWAY	28.91 CITY MILEAGE	4.97
SERVICE ROADS	5.97 CITY OTHER	2.67
RAMPS	17.16 COUNTY	0.64
TOTAL	52.04 TOTAL	8.28

**AKRON SEWER CHANGES
AS OF DECEMBER 31, 2003**

**THIS TABLE REFELCTS THE LENGTH (IN MILES), TYPE OF SEWER AND APPURTENANCES OF
SEWERS IN THE 2003 PROJECTS.**

<u>MILES OF SEWER IN THE CITY OF AKRON</u>					TOTAL AS OF
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	<u>12/31/2003</u>
Sanitary Sewer	0.00	1.50	0.36	0.13	647.14
Storm Sewer	0.20	3.60	0.13	0.28	265.22
Combined Sewer	0.00	0.00	0.14	0.05	188.85
Inlet Lead Connections	0.03	0.75	0.04	0.06	96.42
TOTAL	0.23	5.85	0.67	0.52	1,197.63

<u>MILES OF SEWER BY TYPE OF CONSTRUCTION</u>					TOTAL AS OF
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	<u>12/31/2003</u>
Vitrified Pipe	0.23	0.80	0.20	0.36	952.07
Segmented Block Pipe	0.00	0.00	0.00	0.00	52.25
Brick Pipe	0.00	0.00	0.00	0.00	57.24
Reinforced Concrete Pipe	0.00	2.70	0.14	0.15	87.11
Concrete Pipe	0.00	0.00	0.00	0.00	13.28
Cast Iron & DI Pipe	0.00	0.20	0.00	0.01	12.87
ABS Composite Pipe	0.00	0.00	0.00	0.00	14.06
PVC Pipe	0.00	1.75	0.20	0.00	8.25
Other	0.00	0.40	0.13	0.00	0.49
TOTAL	0.23	5.85	0.67	0.52	1,197.62

<u>MANHOLES AND LAMPHOLES</u>					TOTAL AS OF
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	<u>12/31/2003</u>
Manholes	3.00	104.00	20.00	6.00	24,637.00
Lampholes	0.00	0.00	0.00	0.00	318.00

<u>INLETS</u>					TOTAL AS OF
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	<u>12/31/2003</u>
Inlet No. 1, 2 & 3	91.00	192.00	99.00	5.00	16,635.00
Miscellaneous Inlets	0.00	0.00	0.00	0.00	357.00
Wingwall Inlets	0.00	0.00	0.00	0.00	161.00
Headwalls	0.00	1.00	0.00	0.00	4.00

<u>PUMP STATIONS</u>					TOTAL AS OF
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	<u>12/31/2003</u>
Pump Stations	0.00	1.00	0.00	0.00	33.00

**AKRON JEDD SEWER CHANGES
AS OF DECEMBER 31, 2003**

**THIS TABLE REFLECTS THE LENGTH (IN MILES), TYPE OF SEWER AND APPURTENANCES OF SEWERS
IN THE 2003 PROJECTS.**

<u>MILES OF SEWER IN THE CITY OF AKRON</u>					TOTAL AS OF <u>12/31/2003</u>
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	
Sanitary Sewer	0.00	1.35	0.00	0.00	13.90
Storm Sewer	0.00	0.00	0.00	0.00	0.86
Combined Sewer	0.00	0.00	0.00	0.00	0.00
Inlet Lead Connections	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	1.35	0.00	0.00	14.76

<u>MILES OF SEWER BY TYPE OF CONSTRUCTION</u>					TOTAL AS OF <u>12/31/2003</u>
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	
Vitrified Pipe	0.00	0.12	0.00	0.00	10.50
Segmented Block Pipe	0.00	0.00	0.00	0.00	0.00
Brick Pipe	0.00	0.00	0.00	0.00	0.00
Reinforced Concrete Pipe	0.00	0.00	0.00	0.00	1.20
Concrete Pipe	0.00	0.00	0.00	0.00	0.00
Cast Iron & DI Pipe	0.00	0.00	0.00	0.00	0.15
ABS Composite Pipe	0.00	0.00	0.00	0.00	0.00
PVC Pipe	0.00	0.00	0.00	0.00	0.66
Other	0.00	1.23	0.00	0.00	1.64
TOTAL	0.00	1.35	0.00	0.00	14.15

<u>MANHOLES AND LAMPHOLES</u>					TOTAL AS OF <u>12/31/2003</u>
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	
Manholes	0.00	25.00	0.00	0.00	95.00
Lampholes	0.00	0.00	0.00	0.00	0.00

<u>INLETS</u>					TOTAL AS OF <u>12/31/2003</u>
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	
Inlet No. 1, 2 & 3	0.00	1.00	0.00	0.00	15.00
Miscellaneous Inlets	0.00	0.00	0.00	0.00	10.00
Wingwall Inlets	0.00	0.00	0.00	0.00	0.00
Headwalls	0.00	10.00	0.00	0.00	15.00

<u>PUMP STATIONS</u>					TOTAL AS OF <u>12/31/2003</u>
<u>TYPE</u>	<u>REMOVE</u>	<u>NEW</u>	<u>RECON</u>	<u>ABD</u>	
Pump Stations	0.00	0.00	0.00	0.00	2.00

Akron Engineering Bureau
Project Reports 2003



<i>Project Name</i>	<i>AebProjectID</i>	<i>File No.</i>
ADA Curb Ramps 2003 Contract 1 Madison	2002-011-00	A-08

<i>Description</i>
Install ADA compliant curb ramps related to 2002 Resurfacing Program. Project Limits: City wide ADA Curb Ramps 2002 Contract II- changed to 2003 11/08/02 To install ADA compliant curb ramps related to Public Works' 2002 Resurfacing Program. Project location is City-wide.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	7/17/2003	10/27/2003

<i>Project Name</i>	<i>AebProjectID</i>	<i>File No.</i>
ADA Curb Ramps 2003 Contract 2 Arlington	2002-095-00	

<i>Description</i>
Project Objective: Install ADA compliant curb ramps related to 2002 Resurfacing Program. Project Limits: City wide
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/25/2003	12/1/2003

Project Name	AebProjectID	File No.
ADA Curb Ramps 2003 Contract 3	2003-004-00	

<i>Description</i>
Project Objective: Install new ADA compliant curb ramps related to 2003 Resurfacing Program.
Project Limits: City-wide
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/8/2003	7/11/2003

Project Name	AebProjectID	File No.
ADA Curb Ramps 2003 Contract 4	2003-006-00	

<i>Description</i>
Project Objective: Install new ADA compliant curb ramps related to 2003 Resurfacing Program.
Project Limits: City-wide
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/3/2003	7/23/2003

Project Name	AebProjectID	File No.
ADA Curb Ramps 2003 Contract 5	2003-007-00	

<i>Description</i>
Project Objective: Install new ADA compliant curb ramps related to 2003 Resurfacing Program.
Project Limits: City-wide
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/8/2003	8/6/2003

Project Name	AebProjectID	File No.
ADA Curb Ramps 2003 Contract 6	2003-008-00	

<i>Description</i>
Project Objective: Install new ADA compliant curb ramps related to 2003 Resurfacing Program.
Project Limits: City-wide
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/8/2003	8/31/2003

Project Name	AebProjectID	File No.
Allyn Street Sewer Emerg	2003-023-00	

<i>Description</i>
Project Objective: Repair collapsed sewer
Project Limits: Power Street to Cross Street
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	3/13/2003	3/14/2003

Project Name	AebProjectID	File No.
Ascot Industrial Park Phase 2	2002-009-00	A-06

<i>Description</i>
Project Objective: Install nearly 2000 feet of new roadway including waterline, sanitary sewer and storm sewer. The project also includes land acquisition, wetlands mitigation and grading for expansion of Ascot Industrial Park.
Project Limits: Ascot Industrial Park.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	1/20/2003	4/4/2003
Construction Phase	7/14/2003	12/20/2003

Project Name	AebProjectID	File No.
Ascot Industrial Park Phase 2	2002-009-00	A-06

Description
Project Objective: Install nearly 2000 feet of new roadway including waterline, sanitary sewer and storm sewer. The project also includes land acquisition, wetlands mitigation and grading for expansion of Ascot Industrial Park.
Project Limits: Ascot Industrial Park.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	1/20/2003	4/4/2003
Construction Phase	7/14/2003	12/20/2003

Project Name	AebProjectID	File No.
Ascot Phase 2 Clearing & Grubbing	2002-009-01	

Description
Project Objective: To clear and grub the Ascot Industrial Park Phase 2 site.
Project Limits: Ascot Industrial Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	1/13/2003	1/20/2003
Construction Phase	3/12/2003	5/30/2003

Project Name	AebProjectID	File No.
Ascot Phase 2 Clearing & Grubbing	2002-009-01	

Description
Project Objective: To clear and grub the Ascot Industrial Park Phase 2 site.
Project Limits: Ascot Industrial Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	1/13/2003	1/20/2003
Construction Phase	3/12/2003	5/30/2003

Project Name	AebProjectID	File No.
Beech St Power Plant Waste Disposal	2003-034-00	

Description

Project Objective: To remove and dispose of hazardous materials identified within the power plant building interior.
Project Limits: The Beech Street Power Plant building.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/14/2003	4/24/2003
Construction Phase	8/13/2003	10/11/2003

Project Name	AebProjectID	File No.
Beech St Power Plant Waste Disposal	2003-034-00	

Description

Project Objective: To remove and dispose of hazardous materials identified within the power plant building interior.
Project Limits: The Beech Street Power Plant building.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/14/2003	4/24/2003
Construction Phase	8/13/2003	10/11/2003

Project Name	AebProjectID	File No.
Beech St. Power Plant Asbestos	2003-035-00	

Description

Project Objective: To remove and dispose of asbestos materials identified within the power plant building interior.
Project Limits: The Beech Street Power Plant building

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	4/10/2003	6/26/2003
Construction Phase	9/29/2003	1/1/2004

Project Name	AebProjectID	File No.
Beech St. Power Plant Asbestos	2003-035-00	

Description
Project Objective: To remove and dispose of asbestos materials identified within the power plant building interior.
Project Limits: The Beech Street Power Plant building

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	4/10/2003	6/26/2003
Construction Phase	9/29/2003	1/1/2004

Project Name	AebProjectID	File No.
Beech St. Power Plant Bldg. Demo	2003-036-00	

Description
Project Objective: To demolish the existing power plant building.
Project Limits: The Beech Street Power Plant site.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	8/6/2003	11/7/2003

Project Name	AebProjectID	File No.
Beech Street Power Plant Demolition Env Design	2003-012-00	

Description
Project Objective: Prepare bid documents and provide consultant services for the remediation and demolition of the Beech Street Power Plant and final site restoration.
Project Limits: The Beech Street Power Plant site.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/4/2003	4/14/2003

Project Name	AebProjectID	File No.
Bellevue Ave Et Al Bisson CDA	1998-081-00	B-11

Description
CONSTRUCT STREET IMPROVEMENTS : EUCLID AVE; EASTER AVE; BELLEVUE AVE; BISSON AVE; CITYVIEW AVE; MAGENNIS AVE; DIANA AVE; BELLEFLOWER RD; HERMAN AVE; GEM AVE; ABBOTT A NOBLE AVE; DIAGONAL RD; MERCER AVE; STONER ST; GLENN ST; FRIED ST; NOAH AVE; CITYVIEW DR

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	5/5/2003	2/12/2004

Project Name	AebProjectID	File No.
Campbell Street	2001-055-00	C-98

Description
To improve Campbell Street. Full Improvements including full depth asphalt pavement, curb, sidewalks, aprons, water and trees

Project Limits

Campbell Street	FM Snyder St	TO Rhodes Ave
-----------------	--------------	---------------

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	7/7/2003	10/31/2003

Project Name	AebProjectID	File No.
Canfield Rd Pump Station JEDD	2002-063-00	

Description
Provide sanitary sewer service to Springfield Town Hall by construction of a pump station and force main. Project Limits: Construction of a pump station at #2355 Canfield Road and installation of a force main on Shadybrook, Abington, and Hillstock.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	9/18/2003	2/18/2004

Project Name	AebProjectID	File No.
Canyon Trail Play Equipment	2003-022-00	

Description
Project Objective: Install new play equipment and swing set at Canyon Trail Park.
Project Limits: Canyon Trail Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	5/27/2003	7/15/2003
Construction Phase	11/17/2003	12/5/2003

Project Name	AebProjectID	File No.
Canyon Trail Play Equipment	2003-022-00	

Description
Project Objective: Install new play equipment and swing set at Canyon Trail Park.
Project Limits: Canyon Trail Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	5/27/2003	7/15/2003
Construction Phase	11/17/2003	12/5/2003

Project Name	AebProjectID	File No.
Carnegie Ave o/Nesmith Lake	2000-063-00	C-89

Description
Bridge replacement

Project Limits

Carnegie Ave	FM	o/Nesmith Lake	TO
---------------------	-----------	-----------------------	-----------

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/16/2003	9/8/2003

Project Name	AebProjectID	File No.
Cascade Deck Concrete Repairs 2003	2002-048-00	

Description

Project Objective: To repair and replace cracked and damaged concrete within the parking deck structure and truck deck and recoat the decks with a waterproof membrane. Repair also to be performed in the Ampco Parking Office of Level 2B.

Limits: Cascade Parking Garage

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	10/27/2003	8/21/2004

Project Name	AebProjectID	File No.
Cascade Locks Bikeway - Phase I	2001-066-00	C-01

Description

Hire a consultant for the preliminary design work for the Cascade Locks Bikeway, Phase I. North Street to Innerbelt going following the canal. Includes pedestrian way from Innerbelt to Bowery Street.

Project Limits

Ohio & Erie Canal	FM North Street	TO Innerbelt
-------------------	-----------------	--------------

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	4/28/2003	3/2/2004

Project Name	AebProjectID	File No.
Cascade Parking Water Line Rehab	2003-040-00	

Description

Project Objective: To repair the fire sprinkler water line in the Cascade Plaza parking deck.

Project Limits: Cascade Plaza parking deck

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	10/20/2003	11/28/2003

Project Name	AebProjectID	File No.
Case Avenue Sewer Emergency	2003-057-00	

<i>Description</i>
Project Objective: Repair collapsed 15 inch sanitary sewer. Project Limits: Near Kent Street
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/25/2003	9/5/2003

Project Name	AebProjectID	File No.
Celtic Street	2002-088-00	

<i>Description</i>
Project Objective: Full improvements including new asphalt pavement with concrete curb and gutter, new sidewalks, curb ramps, trees, storm sewer and street lights. Project Limits: Edwin Avenue to Nesmith Lake Boulevard
Celtic combined with Edwin Ave. fund-org. S00209-150209 on 12/9/2002
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/16/2003	5/30/2003

Project Name	AebProjectID	File No.
Celtic Street and Edwin Avenue	2002-085-00	

<i>Description</i>
Project Objective: Full improvements including new asphalt pavement with concrete curb and gutter, new sidewalks, curb ramps, trees and storm sewer with inlets. Project Limits: Stanford Street to Lockwood Street; added Celtic St. from Edwin Ave. to Nesmith Lake Blvd; and Edwin Rexford St. to Celtic St. on 12/9/2002
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/11/2003	11/17/2003

Project Name	AebProjectID	File No.
Chandler Ave Et Al Kenmore II CDA	1998-077-00	C-62

Description
 To improve the streets within the Kenmore II CDA consisting of Battles Ave. (13th St. to 20th St.), Chandler Ave. (18th St. to west end), Florida Ave. (18th St. to 19th St. and 20th St. to east end), Harpster Ave. (18th St. to 20th St.), 18th St. (Kenmore Blvd. to Battles Ave.), 19th St. (Florida Ave. to Harpster Ave.), 20th St. (Kenmore Blvd. To Florida Ave. and Harpster Ave. to south end). Grading and constructing full depth asphalt pavement, combination curb and gutter or 6" x 18" curb, concrete sidewalk, and driveway aprons; Constructing, reconstructing, and adjusting storm and sanitary sewers and appurtenances; replacing water mains.

Project Limits

Activity Description	Activity Start	Activity Finish
Construction Phase	7/21/2003	6/26/2004

Project Name	AebProjectID	File No.
Cleve-Mass Rd Pump Station JEDD	2001-032-00	G-60

Description
 Design and construction of a pump station to replace the existing Robinwood Hills WWTP in Bath Township. The project name was originally Ghent Rd Cleve-Mass Rd Sewer JEDD and was renamed on 1/6/2003.

Project Limits
 Between Interstate 77 and the Ghent Rd FM Rd Intersection TO
 Cleve-Mass

Activity Description	Activity Start	Activity Finish
Design Phase Pump Station	4/14/2003	12/22/2003

Project Name	AebProjectID	File No.
Commerce Drive Sewer JEDD	2002-078-00	

Description
Project Objective: Design and construction of sanitary sewer to serve industrial park on Commerce Drive.
Project Limits: 2000 feet sanitary sewer to serve industrial park on Commerce Drive.

Project Limits

Activity Description	Activity Start	Activity Finish
Construction Phase	11/24/2003	2/21/2004

Project Name	AebProjectID	File No.
Copley Road Soccer Complex	2001-101-00	C-05

Description
To develop a soccer facility off Copley Road. 1836 Copley Road. This phase includes grading, utilities and design costs well as buildings, parking and equipment. Project was formerly known as Copley Road Soccer Complex Phase 1

Project Limits
1836 Copley Road FM 1836 Copley Road TO Copley Road

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	9/8/2003	11/8/2004

Project Name	AebProjectID	File No.
Copley Road Soccer Complex Ph II	2001-101-01	C-06

Description
To develop a soccer facility off Copley Road. 1836 Copley Road. This phase includes buildings, parking and equipment

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	4/21/2003	7/23/2003

Project Name	AebProjectID	File No.
Creekstone Phase 1	2003-047-00	

Description
**Project Objective: Water and sewer extension for private development
Project Limits: NW corner of SR 21 and SR 162**

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	10/1/2003	

Project Name	AebProjectID	File No.
CSO Rack 40 & 31 Storage Basin	2002-066-00	

Description
Design and construct a combined sewer overflow storage basin for Rack 40 and Rack 31. Project Limits: Cuyahoga Street at the Little Cuyahoga River and Cuyahoga River Confluence. Part of the CSO Term Control Plan.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/23/2003	12/22/2003

Project Name	AebProjectID	File No.
Cuyahoga Street Ph II Howard Street to Tallmadge Ave	2002-080-00	

Description
**Project Objective: To reconstruct
Project Limits: Cuyahoga Street (from end of new improvements at Howard Street to Tallmadge Ave.) and other unnamed streets.**

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/10/2003	6/27/2003

Project Name	AebProjectID	File No.
Cuyahoga Street/Alberti Court	2002-034-00	C-08

Description
Reconstruction of pavement, curb, sidewalk, and drive aprons. Project Limits: Cuyahoga Street / Alberti Court (Alberti Court from Cuyahoga Street to Selzer Street - approx. 300' in length; and Cuyahoga Street, from Tallmadge Avenue to Uhler Avenue including the terminus intersections – approx. 2200' in length).

Project Limits

Cuyahoga Street	FM Tallmadge Ave.	TO Uhler Ave.
Alberti Court	FM Cuyahoga Street	TO Selzer Street

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/25/2003	12/18/2003

Project Name	AebProjectID	File No.
Darrow Rd Sum-91-3.878	1989-053-00	D-13

Description
PROJECT LIMITS FROM GILCHRIST ROAD TO N. CORP. LINE. WIDENING TO A FIVE-LANE SECTION FROM GILCHRIST ROAD TO INCOME AVENUE AND TO FOUR LANES FROM INCOME AVENUE TO EASTWOOD AVENUE. SUM-91-2.41 PID 7825

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase II	1/14/2003	4/1/2004

Project Name	AebProjectID	File No.
Davenport Ballfield Fencing	2002-104-00	

Description
Rehabilitation of backstop and other ballfield fencing.
Project Limits: The ballfields at Davenport Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	1/24/2003	6/20/2003
Construction Phase	12/5/2003	1/6/2004

Project Name	AebProjectID	File No.
Davenport Ballfield Fencing	2002-104-00	

Description
Rehabilitation of backstop and other ballfield fencing.
Project Limits: The ballfields at Davenport Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	1/24/2003	6/20/2003
Construction Phase	12/5/2003	1/6/2004

Project Name	AebProjectID	File No.
E. Exchange St / Arc Dr Signalization	2003-001-00	

Description
Project Objective: Signalization of East Exchange Street / Arc Drive Intersection to allow for the closure of Buckeye Street
Project Limits: Intersection of East Exchange Street and Arc Drive

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/3/2003	3/10/2003
Construction Phase	6/24/2003	8/7/2003

Project Name	AebProjectID	File No.
E. Exchange St / Arc Dr Signalization	2003-001-00	

Description
Project Objective: Signalization of East Exchange Street / Arc Drive Intersection to allow for the closure of Buckeye Street
Project Limits: Intersection of East Exchange Street and Arc Drive

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/3/2003	3/10/2003
Construction Phase	6/24/2003	8/7/2003

Project Name	AebProjectID	File No.
Ed Davis Center Emergency Repairs	2003-055-00	

Description
Project Objective: Repair damage to the building caused by car accident.
Project Limits: Ed Davis Community Center, 730 Perkins Park Drive

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/4/2003	8/25/2003

Project Name	AebProjectID	File No.
Elizabeth Park Hope 6 Improvements	2003-054-00	

<i>Description</i>
To provide Public Improvements for the Elizabeth Park Redelopment.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	10/20/2003	3/9/2004

Project Name	AebProjectID	File No.
Ellet Community Center Walk Light	2003-059-00	

<i>Description</i>
Project Objective: To light the entrance of the walk path.
Project Limits: Ellet Community Center
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	11/3/2003	

Project Name	AebProjectID	File No.
Euclid Avenue & Rhodes Avenue	2003-020-00	

<i>Description</i>
Project Objective: To improve access to the Akron Zoo
Project Limits: Euclid Avenue from Rhodes Avenue to Raymond Street, and Rhodes Avenue from Vernon Odom Blvd.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	9/2/2003	12/15/2003

Project Name	AebProjectID	File No.
Exchange Street over Wolf Ledges	2002-053-00	

Description
Overlay the bridge deck. Project Limits: Exchange Street bridge.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	6/16/2003	7/30/2003

Project Name	AebProjectID	File No.
Expressway Ramp Repairs	2002-024-00	E-22

Description
Slope reconstruction and culvert replacement/construction. Project Limits: I-76 east ramp to I-77 south at the Central Interchange and U.S. 224 east ramp to I-76 northbound at the Kenmore leg.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/25/2003	12/1/2003

Project Name	AebProjectID	File No.
Expressway Repairs 2003	2003-058-00	

Description
Project Objective: To repair attenuator at I-76 E / I-77 N Ramp, sewer and pavement repairs at I-77 and White Pond, and repairs at I-76 E near Princeton Street.
Project Limits: I-76 E / I-77 N Ramp, I-77 and White Pond, I-76 E near Princeton Street

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	11/3/2003	1/19/2004

Project Name	AebProjectID	File No.
Fire Station No 4 Drive & Apron	2003-003-00	

Description
Project Objective: Replace Aprons, drives and walk at Fire Station # 4 and repair parking lot.
Project Limits: Fire Station #4

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	4/11/2003
Construction Phase	7/21/2003	8/10/2003

Project Name	AebProjectID	File No.
Fire Station No 4 Drive & Apron	2003-003-00	

Description
Project Objective: Replace Aprons, drives and walk at Fire Station # 4 and repair parking lot.
Project Limits: Fire Station #4

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	4/11/2003
Construction Phase	7/21/2003	8/10/2003

Project Name	AebProjectID	File No.
Fire Training Tower	2002-031-00	F-36

Description
Provision of a new fire training tower and underground water tank, and associated site work to be located at the south the Triplett Communications Building site. Project Limits: City owned land at Triplett and Kelly Avenues.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	12/15/2003	1/27/2004

Project Name	AebProjectID	File No.
Garden Alley Steam Line Relocation	2002-038-00	G-64

Description
Relocate steam line from Garden Alley to Main Street. Project Limits: Garden Alley to S. Main St. between State Street & Center Street.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	1/13/2003	6/13/2003

Project Name	AebProjectID	File No.
Grace Park Sidewalk and Playground	2001-096-00	G-63

Description
Install new circular walk and play equipment in Grace Park.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	3/31/2003	7/23/2003

Project Name	AebProjectID	File No.
Grant St. Wolf Ledges Bridges Emerg	2003-049-00	

Description
Project Objective: Make emergency repairs to prevent spalling concrete from falling on I-76/I-77
Project Limits: Grant Street Bridge and Wolf Ledges Bridges over I-76 / I-77

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	6/18/2003	6/22/2003

Project Name	AebProjectID	File No.
Hardesty Park Improvements Playground Equipment	2003-029-00	

<i>Description</i>
Project Objective: Provide a walking path around the perimeter of the park and replace play equipment.
Project Limits: Hardesty Park
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/23/2003	7/17/2003
Construction Phase	12/5/2003	12/24/2003

Project Name	AebProjectID	File No.
Hardesty Park Improvements Playground Equipment	2003-029-00	

<i>Description</i>
Project Objective: Provide a walking path around the perimeter of the park and replace play equipment.
Project Limits: Hardesty Park
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/23/2003	7/17/2003
Construction Phase	12/5/2003	12/24/2003

Project Name	AebProjectID	File No.
Hardesty Park Walking Path	2003-029-01	

<i>Description</i>
Project Objective: To provide a walking path around the perimeter of the park
Project Limits: Hardesty Park
Source of Project: 2003 CIP - The walking path will be constructed under a separate contract from the play equipment. previous request included design/construction of the walking path and the play equipment. This request is for constr the path only.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	10/30/2003	12/10/2003

Project Name	AebProjectID	File No.
Harrington Rd Warner Rd Water JEDD	2002-005-00	H-17

Description
Design and construction of a waterline within limits of ODNR Spillway on Harrington Road.

Project Limits
Warner Road and Harrington Rd. FM Champions Circle TO uscarawas River Diversion Dam

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design phase resumes	2/6/2003	3/28/2003

Project Name	AebProjectID	File No.
Helen Avenue	2002-081-00	

Description
Project Objective: To construct pavement, curb and other street improvements as required. Repair of storm sewer at Helen Avenue as needed. Repair of sanitary sewer in Helen Avenue as needed.
Project Limits: From Dayton Street, eastward to the end of Helen Street, a distance of approximately 270 feet from the centerline of Dayton Street.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/11/2003	11/17/2003

Project Name	AebProjectID	File No.
Hickory Street Improvements	2002-090-00	

Description
Project Objective: To construct full improvements.
Project Limits: From Memorial Parkway to 1100' South

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/31/2003	2/27/2004

Project Name	AebProjectID	File No.
High Street Viaduct Rehab	2001-034-00	H-09
<i>Description</i>		
To rehabilitate the High Street Viaduct.		
<i>Project Limits</i>		
Bartges to	FM Selle St	TO
<i>Activity Description</i>		
Construction Phase	Activity Start	Activity Finish
	5/15/2003	3/8/2004

Project Name	AebProjectID	File No.
Highgrove Blvd Water JEDD	2002-051-00	
<i>Description</i>		
Design and construction of a waterline on Highgrove Blvd. Project Limits: On Highgrove Blvd. from Mahowburn to south end. Combined with Oak Grove Water JEDD on 4/16/03		
<i>Project Limits</i>		
<i>Activity Description</i>		
Construction Phase	Activity Start	Activity Finish
	7/16/2003	9/13/2003

Project Name	AebProjectID	File No.
HK Stubbs 6th Floor Workstations	2002-045-00	
<i>Description</i>		
Reconfigure the workstations so they do not block the air conditioning and heating vents. The HVAC does not work with present set up. Project Limits: HK Stubbs 6th Floor Workstations		
<i>Project Limits</i>		
<i>Activity Description</i>		
Construction Phase	Activity Start	Activity Finish
	2/7/2003	6/16/2003

Project Name	AebProjectID	File No.
HK Stubbs Lobby / Plaza Elevator	2002-070-00	

Description
The county is constructing a skywalk across High Street, from their deck the Justice Center plaza. Construct an elevator services the Justice Center lobby and plaza only.
Project Limits: The H.K. Stubbs Justice Center and plaza.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	7/7/2003	2/28/2004

Project Name	AebProjectID	File No.
Honodle Ave Et Al Seiberling CDA II	1997-097-00	H-71

Description
UPGRADE PAVEMENT, CURBS, WALKS, AND SEWERS TO CURRENT DESIGN STANDARDS. PARA AVE (NEWTON TO HONODLE) TONAWANDA AVE (WYANDOT TO BRITAIN) HONODLE AVE (KLINE TO 200' E OF WYANDOT) LAFFER AV (MACK TO 550' E PIONEER) MACK ST(NEWTON TO LAFFER) MOHAWK AVE(155' S OF CHIPPEWA TO TONOWANDA) WYANDOT AVE(HONODLE TO TONAWANDA) PIONEER ST(NEWTON TO HONODLE)

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	7/21/2003	6/14/2004

Project Name	AebProjectID	File No.
Incubator Passenger Elevator	2002-046-00	

Description
Produce construction documents for the upgrade of the passenger elevator. **Project Limits:** The limit of the construction project shall be the elevator hoistway and the equipment room.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	7/21/2003	1/27/2004

Project Name	AebProjectID	File No.
Incubator Renovation 2003	2003-028-00	

Description
Project Objective: Renovate the basement, the upper three floors, and the ninth floor mezzanine to accommodate Incubator tenants.
Project Limits: The Incubator Building and associated site.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	10/1/2003	1/27/2004

Project Name	AebProjectID	File No.
Inman Street, et al. Sewer Lining SSR 2003	2003-050-00	

Description
Project Objective: To reconstruct sections of sanitary sewers by the Cured in Place Pipe process.

- Project Limits:**
- Inman St. Trunk Sewer (three sections of 18" sanitary sewer, from 21" southerly outfall sewer, northerly approximately 312 feet)
 - Cooper Avenue (two sections of 8" sanitary sewer, from end of Cooper Ave. to Inman Street Trunk Sewer, approximately 312 feet)
 - Catawba Avenue (one section of 8" sanitary sewer, from end of Catawba Ave. to Inman St. Trunk Sewer, approx. 312 feet)
 - Helen Avenue (one section of 12" sanitary sewer, from end of Helen Ave. to Keeney St., a distance of approx. 140 feet)
 - Hilbish Avenue (three sections of 8" sanitary sewer, from Springfield Lake Outlet to Cramer Ave., approx. 525 feet)
 - Mull Avenue (one section of 24" sanitary sewer from Mull Avenue westward for approx. 336 feet)
 - Biruta Avenue (two sections of 8" sanitary sewer, from East Avenue westward for approx. 565 feet)
 - Tinkham Road (two sections of sanitary sewer, from Ely Road westward for approx. 682 feet)
 - Rockynol in sanitary sewer easement on retirement center property, (one section of 10" sanitary sewer approx. 515 feet)

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/30/2003	7/21/2003
Construction Phase	12/1/2003	3/29/2004

Project Name	AebProjectID	File No.
Inman Street, et al. Sewer Lining SSR 2003	2003-050-00	

Description

Project Objective: To reconstruct sections of sanitary sewers by the Cured in Place Pipe process.

Project Limits:

- Inman St. Trunk Sewer (three sections of 18" sanitary sewer, from 21" southerly outfall sewer, northerly approximat feet)
- Cooper Avenue (two sections of 8" sanitary sewer, from end of Cooper Ave. to Inman Street Trunk Sewer, approximat feet)
- Catawba Avenue (one section of 8" sanitary sewer, from end of Catawba Ave. to Inman St. Trunk Sewer, approx. 312 feet)
- Helen Avenue (one section of 12" sanitary sewer, from end of Helen Ave. to Keeney St., a distance of approx. 140 feet)
- Hilbish Avenue (three sections of 8" sanitary sewer, from Springfield Lake Outlet to Cramer Ave., approx. 525 feet)
- Mull Avenue (one section of 24" sanitary sewer from Mull Avenue westward for approx. 336 feet)
- Biruta Avenue (two sections of 8" sanitary sewer, from East Avenue westward for approx. 565 feet)
- Tinkham Road (two sections of sanitary sewer, from Ely Road westward for approx. 682 feet)
- Rockynol in sanitary sewer easement on retirement center property, (one section of 10" sanitary sewer approx. 515 feet)

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/30/2003	7/21/2003
Construction Phase	12/1/2003	3/29/2004

Project Name	AebProjectID	File No.
Johnston St. Locker Room Renovation	2002-067-00	

Description

Project Objective: The toilets and locker rooms are in a deteriorated condition. Renovate the toilets and locker rooms to good condition.

Project Limits: The men's and women's toilet and locker rooms.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	6/19/2003	12/19/2003

Project Name	AebProjectID	File No.
Kenmore Towpath Trail	2002-101-00	

Description
Design contract documents for the extension of the Towpath Trail.
Project Limits: Summit Lake southerly to Wilbeth Road.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/17/2003	3/24/2004

Project Name	AebProjectID	File No.
Little Cuyahoga Intceptor Lining (w/2002-058-00)	2001-048-00	L-62

Description
To reconstruct combined sewer by the CIPP process.

Project Limits

Howard St eastward	<i>FM</i> to Stuber St	<i>TO</i>
--------------------	------------------------	-----------

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase Resume	1/6/2003	3/18/2003

Project Name	AebProjectID	File No.
Main Street Electrical Upgrade Ph 2	2002-049-01	

Description
Project Objective: Installation of electrical connections along S. Main Street to accommodate increased electrical need special events.
Project Limits: Along Main Street from State Street to Mill Street

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	6/5/2003	7/31/2003

Project Name	AebProjectID	File No.
Main Street Electrical Upgrade Ph1	2002-049-00	

Description
Project Objective: Fabricate electrical panels so that we can add electrical connections along S. Main Street to accomm increased electrical needs of special events.. **Project Limits:** Main Street: State Street to Mill Street.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/14/2003	4/28/2003

Project Name	AebProjectID	File No.
Manchester Road Phase 1	2003-042-00	

Description
Project Objective: Reconstruction of pavement, curb, sidewalk, and drive aprons. Traffic signalization upgrades and drainage improvements.

Project Limits: Carnegie Avenue to Waterloo Road

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/23/2003	8/18/2004

Project Name	AebProjectID	File No.
Massillon Rd Industrial Park Site Grading	1996-033-00	M-63

Description
DESIGN AND CONSTRUCTION OF THE ON-SITE PUBLIC IMPROVEMENTS THAT ARE NECESSARY TO DEVELOP THE PROJECT AREA AS AN INDUSTRIAL PARK FOR COMMERCIAL AND LIGHT INDUSTRIAL USES. During construction, the cul-de-sac was shortened just before the wetland areas in Block 3. Excess excavation was stockpiled.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase 2	2/3/2003	6/26/2003

Project Name	AebProjectID	File No.
McGowan Street	2002-087-00	

<i>Description</i>
Project Objective: Improve pavement, curb & sidewalk Project Limits: E. Exchange St. to Excelsior St.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/24/2003	6/11/2003

Project Name	AebProjectID	File No.
Middlebury Grocery Remediation	2001-073-01	M-13A

<i>Description</i>
Project Objective: Environmental remediation of the former ACME Click grocery store on East Exchange Street. Project Limits: The work will be completed at the site of the former ACME Click store on East Exchange Street.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/27/2003	4/18/2003
Construction Phase	6/24/2003	

Project Name	AebProjectID	File No.
Middlebury Grocery Remediation	2001-073-01	M-13A

<i>Description</i>
Project Objective: Environmental remediation of the former ACME Click grocery store on East Exchange Street. Project Limits: The work will be completed at the site of the former ACME Click store on East Exchange Street.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/27/2003	4/18/2003
Construction Phase	6/24/2003	

Project Name	AebProjectID	File No.
Middlebury Run Park Bridge No. 3	2003-017-00	

<i>Description</i>
Project Objective: To reconstruct the pedestrian bridge over the Little Cuyahoga River.
Project Limits: Spans the Little Cuyahoga River between Martha Avenue and Seiberling Street in Middlebury Run Park
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	5/5/2003	6/13/2003
Construction Phase	9/29/2003	10/3/2003

Project Name	AebProjectID	File No.
Middlebury Run Park Bridge No. 3	2003-017-00	

<i>Description</i>
Project Objective: To reconstruct the pedestrian bridge over the Little Cuyahoga River.
Project Limits: Spans the Little Cuyahoga River between Martha Avenue and Seiberling Street in Middlebury Run Park
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	5/5/2003	6/13/2003
Construction Phase	9/29/2003	10/3/2003

Project Name	AebProjectID	File No.
Misc Storm Improvements 2002	2002-006-00	M-23

<i>Description</i>
This project consists of miscellaneous storm water improvements to remediate flooding problems at four locations in City of Akron. Improvements include the extension of storm sewer, inlet replacement/installation and pavement resurfacing/reconstruction. The locations include W. Mill Street, Brittain Road, Dawson Avenue and 6th Street.

<i>Project Limits</i>
Ardwell Ave. <i>FM</i> Tudor Ave. <i>TO</i> east to Hawk Ave.
Dawson Road <i>FM</i> Delia Ave. <i>TO</i> south to Gaylord Drive
Perkins Woods <i>FM</i> South side of park Between Diagonal Rd. <i>TO</i> east to Edgewood Avenue
Pigeon Creek <i>FM</i> within city limits <i>TO</i> in Collier Rd. vicinity

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	9/26/2003

Project Name	AebProjectID	File No.
Morley 4th Floor Laboratory	2003-015-00	

<i>Description</i>
Project Objective: To provide additional work space.
Project Limits: The project is limited to the 4th Floor Laboratory area located in the Morley Health Center Building.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	4/25/2003

Project Name	AebProjectID	File No.
Morley Floor Two Renovation	2002-094-00	

<i>Description</i>
Project Objective: Renovate nursing services to provide for more efficient operation.
Project Limits: Floor two of the Morley Health Center
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	6/17/2003	7/22/2003

Project Name	AebProjectID	File No.
MSC Building #2 CSRS	2003-016-00	

<i>Description</i>
Project Objective: Renovate a second floor space at Building Two of the Municipal Service Center for a Customer Service Request System center.
Project Limits: Municipal Service Center Building Two.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	5/16/2003
Construction Phase	9/29/2003	11/27/2003

Project Name	AebProjectID	File No.
MSC Building #2 CSRS	2003-016-00	

Description
Project Objective: Renovate a second floor space at Building Two of the Municipal Service Center for a Customer Service Request System center.
Project Limits: Municipal Service Center Building Two.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	5/16/2003
Construction Phase	9/29/2003	11/27/2003

Project Name	AebProjectID	File No.
North Expressway Safety Upgrade	1988-039-00	N-20

Description
SAFETY UPGRADING BRIDGE AND PAVEMENT RECONSTRUCTION BETWEEN CENTRAL INTERCHANGE AND PERKINS STREET (SUM 8-0.63) PID 7867

Project Limits

State Route 8	FM	Station 33+10 south of Beacon St. Bridge	TO
---------------	----	--	----

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	1/13/2003	6/30/2005

Project Name	AebProjectID	File No.
North Main / Furnace Streetscape	2001-038-00	N-44

Description
To provide/replace ornamental lighting, 100% concrete walks with brick areas, concrete drive aprons, 6" x 18" concrete sodding, tree removal/planting and resurfacing.

Project Limits

Between High Street	FM	and Howard Street	TO
---------------------	----	-------------------	----

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase 2	1/24/2003	6/6/2003

Project Name	AebProjectID	File No.
North Turkeyfoot Rd Warner Water JEDD RECORD DRAWINGS	2002-054-00	

Description
Project Objective: Extend a 12 inch water main on N. Turkeyfoot Road and Portage Lakes Drive from Warner Road to Oak Grove Drive to provide a loop of the existing water mains on N. Turkeyfoot Road and Portage Lakes Drive. **Project Limits:** North Turkeyfoot Road from Warner Road to Portage Lakes Drive. Portage Lakes Drive from N. Turkeyfoot Road to Oak Grove Drive.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	3/24/2003	

Project Name	AebProjectID	File No.
Oak Grove/High Grove Water JEDD	2002-072-00	

Description
Project Objective: Provide water service to Oak Grove Dr. Aqua Blvd. by construction of a waterline. **Project Limits:** All Oak Grove and Aqua off Portage Lakes Dr. Project combined with High Grove Blvd. Water JEDD on 4/16/03

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	10/20/2003	12/17/2003

Project Name	AebProjectID	File No.
Park West Blvd Phase 1	2002-074-00	

Description
Project Objective: Design and construction of roadway and utilities to serve office park on White Pond.
Project Limits: 3200 feet of roadway and utilities to serve office park on White Pond. Project Name was White Pond Dr. Park, changed 1/6/03

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	5/22/2003	1/26/2004

Project Name	AebProjectID	File No.
Patterson Park Walks / Parking Lots	2002-026-00	P-95

Description
To repair the deteriorated condition of the existing parking lots and walkway. Project Limits: Patterson Park Community Center parking lots and walkway.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/28/2003	7/24/2003

Project Name	AebProjectID	File No.
Pickle Road Sports Complex	2001-106-00	P-93

Description
Construction of soccer, baseball and softball fields including cocession/restroom/maintenance and storage building(s)

Project Limits

Pickle Road	<i>FM</i> Block 4 Massillon Rd. Industrial Complex	<i>TO</i> Springfield Township
-------------	--	--------------------------------

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	12/1/2003	3/29/2004

Project Name	AebProjectID	File No.
Pigeon Creek Copley Rd. Sewer JEDD	2003-027-00	

Description
**Project Objective: Design and construction to sanitary sewer to eliminate County Package Plant and for future extension on Copley Road.
Project Limits: 1000 feet sanitary sewer to eliminate County Package Plant.**

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/12/2003	5/23/2003
Construction Phase	11/17/2003	1/15/2004

Project Name	AebProjectID	File No.
Pigeon Creek Copley Rd. Sewer JEDD	2003-027-00	

Description
Project Objective: Design and construction to sanitary sewer to eliminate County Package Plant and for future extension Copley Road.
Project Limits: 1000 feet sanitary sewer to eliminate County Package Plant.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/12/2003	5/23/2003
Construction Phase	11/17/2003	1/15/2004

Project Name	AebProjectID	File No.
Pigeon Creek Trunk Sewer Phase 4	2002-069-00	

Description
To extend the sewer to the west side of State Route 21.
Project Limits: East side of S.R. 21 to west side of S.R. 21.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/28/2003	2/22/2004

Project Name	AebProjectID	File No.
Reservoir Park Basketball Courts	2003-038-00	

Description
Project Objective: Resurfacing the existing basketball courts at Reservoir Park.
Project Limits: 1735 Hillside Terrace – Reservoir Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	5/19/2003	5/30/2003
Construction Phase	8/27/2003	2/13/2004

Project Name	AebProjectID	File No.
Reservoir Park Basketball Courts	2003-038-00	

Description
Project Objective: Resurfacing the existing basketball courts at Reservoir Park.
Project Limits: 1735 Hillside Terrace – Reservoir Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	5/19/2003	5/30/2003
Construction Phase	8/27/2003	2/13/2004

Project Name	AebProjectID	File No.
Reservoir Park Storage/Pavilions	2002-084-00	

Description
Project Name: Reservoir Park Shelter / Storage (note that this project was formerly the swimming pool study).
Project Objective: Replace a deteriorated wood storage shed with a masonry and wood storage building. The storage building includes an attached covered area. Provide two prefabricated pavilions. Replace the clay infield with a grass in the high school baseball field.
Project Limits: Reservoir Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/2/2003	6/2/2003
Construction Phase	9/22/2003	12/24/2003

Project Name	AebProjectID	File No.
Reservoir Park Storage/Pavilions	2002-084-00	

Description
Project Name: Reservoir Park Shelter / Storage (note that this project was formerly the swimming pool study).
Project Objective: Replace a deteriorated wood storage shed with a masonry and wood storage building. The storage building includes an attached covered area. Provide two prefabricated pavilions. Replace the clay infield with a grass in the high school baseball field.
Project Limits: Reservoir Park

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	6/2/2003	6/2/2003
Construction Phase	9/22/2003	12/24/2003

Project Name	AebProjectID	File No.
Riverview Road Emergency Repairs	2003-051-00	

<i>Description</i>
Project Objective: Repair erosion damage due to flooding.
Project Limits: Riverview Road just north of Bath Road
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	7/21/2003	8/13/2003

Project Name	AebProjectID	File No.
Sand Run Road Slope Stabilization	2002-097-00	

<i>Description</i>
Project Objective: To stabilize areas of instability.
Project Limits: Sand Run Parkway to Smith Road.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/19/2003	6/6/2003
Construction Phase	9/2/2003	11/21/2003

Project Name	AebProjectID	File No.
Sand Run Road Slope Stabilization	2002-097-00	

<i>Description</i>
Project Objective: To stabilize areas of instability.
Project Limits: Sand Run Parkway to Smith Road.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/19/2003	6/6/2003
Construction Phase	9/2/2003	11/21/2003

Project Name	AebProjectID	File No.
Sewer Reconstruction 2002 Including Manhole Over/Under	2002-020-00	S-55

Description

To reconstruct existing broken or damaged sections of sanitary or combined sewers, to reconstruct existing sanitary using plastic lining, and to reconstruct or construct manholes at various locations throughout the City of Akron.
Project Limits: 1. N. Portage Path, between Wye Drive and Hereford Drive. 2. Ames Court, 2nd manhole south of Hazel St to Hazel Street. 3. Delia Avenue, 2nd manhole east of Warrington Road to the 1st manhole east of Warrington Road. 4. Carpenter Street, 1st manhole north of Shelby Avenue to the 2nd manhole north of Shelby Avenue. 5. Woolf Avenue, between Eastgate Avenue and Beverly Drive. 6. Replace the lamphole on Buchtel Avenue, 260 feet west of West Market with a manhole. 7. Replace the lamphole on University Avenue, 260 feet east of South Street, with a manhole. 8. Construct a manhole at University Avenue and Maiden Lane Alley. 9. Construct a manhole at South Street and University Avenue. 10. Replace the variable speed controllers (VFD's) at the Mud Run Pump Station.
 To replace metal plates in common manholes separating sanitary sewer and storm flows.
 Fireston Parkway @ R/R Tracks (1); Gottwalt @ S. main St (1); W. market St @ Putnam Rd (1); Oak Park Dr @ Dawes Ave (1); Kelly Ave south of 2nd ave (1); Between 9th Ave and S martha Ave (2-MH 12+61.21 & Interceptor MH)

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	4/7/2003	9/12/2003

Project Name	AebProjectID	File No.
Sourek Leighton Storm Outlets	2001-074-00	S-42

Description

Remediate drainage problems from a 27" storm sewer for residents on San Raphael Drive. Revised scope to include Leighton Ave. Storm Outlet FUND-ORG. 20500.P00230 on 9/19/02. Remediate drainage problems near 1656 and 1716 Leighton Ave.

Project Limits

Bathcrest Estates	FM and San Raphael Drive	TO
-------------------	--------------------------	----

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	2/10/2003	5/2/2003

Project Name	AebProjectID	File No.
Spaulding Court and Spaulding Street	2001-105-00	S-50

Description

Dedication and street improvements to both petitioned streets. Improvements include the dedication of Spaulding Court with new pavement, storm sewer, sanitary sewer and laterals, and water main.

Project Limits

Spaulding Court	FM Cuyahoga Street	TO west end
Spaulding Street	FM 50 foot south of Spaulding Court	TO north end

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase II	8/4/2003	6/4/2004

Project Name	AebProjectID	File No.
Street Tree Replacement 2003	2003-014-00	

<i>Description</i>
Project Objective: Install street trees in accordance with tree requests on file.
Project Limits: Various locations city-wide
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/12/2003	2/12/2003
Construction Phase	5/5/2003	7/9/2003

Project Name	AebProjectID	File No.
Street Tree Replacement 2003	2003-014-00	

<i>Description</i>
Project Objective: Install street trees in accordance with tree requests on file.
Project Limits: Various locations city-wide
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	2/12/2003	2/12/2003
Construction Phase	5/5/2003	7/9/2003

Project Name	AebProjectID	File No.
Summit Lake Towpath Trail	2002-102-00	

<i>Description</i>
Project Objective: Design contract documents for the extension of the Towpath Trail.
Project Limits: Southerly terminus of the existing towpath trail, generally at Summit Lake Park, southerly to Kenmore Underpass at the southern limits of Summit Lake.
<i>Project Limits</i>

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/17/2003	3/24/2004

Project Name	AebProjectID	File No.
Tiffany Circle Sewer Emergency	2003-053-00	

Description
REPAIR SANITARY SEWER AND EROSION DAMAGE TO THE SLOPE AT THE REAR OF 1508 TIFFANY CIRCLE

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/4/2003	2/18/2004

Project Name	AebProjectID	File No.
Towpath Trail Emergency Repairs	2003-056-00	

Description
Project Objective: To repair storm damage to the trail
Project Limits: N. Portage Path to Botzum Trailhead

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	8/11/2003	9/5/2003

Project Name	AebProjectID	File No.
Vernon Odom / Edgewood Sewer Emergency	2003-052-00	

Description
Project Objective: Repair damage to 27 inch combined sewer due to high storm flows.
Project Limits: Wooster Avenue at Edgewood Avenue

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	7/21/2003	8/13/2003

Project Name	AebProjectID	File No.
Weathervane/Towpath Parking	2002-065-00	

Description
To provide 30 additional parking spaces at the Weathervane Playhouse Theater to be used by patrons of the Towpath Theater. Project Limits: 1301 Weathervane Lane

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/28/2003	6/20/2003

Project Name	AebProjectID	File No.
Wheeler St Et Al 2002 Walk Program	2002-025-00	W-38

Description
To reconstruct existing curb, sidewalk and other street improvements in need of repair. Project Limits: Wheeler Street (Allyn Street to Kling Street), S. Main Street (Cole Avenue to Steiner Avenue), E.. Market Street (Prospect Street to College Street), and other unnamed streets.

Project Limits

Wheeler Street	FM	Allyn Street	TO	Kling Street
S. Main Street	FM	Cole Avenue	TO	Steiner Avenue
E.. Market Street	FM	Prospect Street	TO	College Street

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Construction Phase	4/8/2003	5/30/2003

Project Name	AebProjectID	File No.
WPCS Influent Screen Compactor Contract No. 146 RECORD DRAWINGS	2003-019-00	

Description
**WPCS Influent Screen Compactor Contract No. 146
 Project Objective: Designing and constructing improvements to the WPCS for the influent screens loadout area.
 Project Limits: One location at the Water Pollution Control Station.**

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	5/14/2003
Construction Phase	8/1/2003	11/6/2003

Project Name	AebProjectID	File No.
WPCS Influent Screen Compactor Contract No. 146 RECORD DRAWINGS	2003-019-00	

Description
WPCS Influent Screen Compactor Contract No. 146
Project Objective: Designing and constructing improvements to the WPCS for the influent screens loadout area.
Project Limits: One location at the Water Pollution Control Station.

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	3/3/2003	5/14/2003
Construction Phase	8/1/2003	11/6/2003

Project Name	AebProjectID	File No.
WPCS Sludge Disposal Building Demo Contract 149	2003-041-00	

Description
Project Objective: Demolition of building, smoke stack, ash underloader house, elutriation tanks and relocate 12 inch water and 4 inch gas line.
Project Limits: WPCS facility 2460 Akron-Peninsula Road

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	8/25/2003	10/31/2003

Project Name	AebProjectID	File No.
Youtz Avenue	2003-024-00	

Description
Project Objective: Full improvements
Project Limits: South Main Street to Dallas Avenue

Project Limits

<i>Activity Description</i>	<i>Activity Start</i>	<i>Activity Finish</i>
Design Phase	4/3/2003	5/30/2003