



**CITY OF DANBURY**  
155 DEER HILL AVENUE  
DANBURY, CONNECTICUT 06810

**ENGINEERING DEPARTMENT**  
(203) 797-4641  
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**FARID L. KHOURI, P.E.**  
**CITY ENGINEER**

July 24, 2006

Mayor Mark D. Boughton  
Common Council  
City of Danbury  
155 Deer Hill Avenue  
Danbury, CT 06810

Re: Engineering Department Monthly Report to the Common Council

Dear Mayor Boughton and Members of the Common Council:

Attached you will find the monthly report for the month of June 2006 for the Engineering Department of the City of Danbury. As the new City Engineer and consistent with past practice, I have attached a list of major projects that the City is involved in, with a short report on the current status of each of the projects. I will also email you an updated copy of the list prior to the monthly meeting of the Common Council.

Assessment projects are moving along at a rapid pace. We are nearing the final phases of the Jackson Drive/Woodbury Drive area sanitary sewer assessment project, and suspect that sometime in August people will be able to connect to that new sewer line. The Nancy Drive/Carolyn Avenue area sanitary sewer assessment project continues to move forward. We also continue to make progress on the Hawthorne Terrace drinking water assessment project. We are in the process of paving Shore Road and we are hopeful that Phase II will begin shortly.

Engine 25 is completed and fire fighters have occupied the building. The rededication and ribbon-cutting ceremony will take place soon. Regarding Engine 26, bids were opened this week and we are currently evaluating the results.

As for your new Police Station, our consultants are moving forward with their design of the building. We anticipate completed plans and the project going out to bid by the end of this year.

With respect to the Library Place Parking Garage, contracts have been executed and construction has started.

As far as the Kaplanis Memorial Field project, bids will open on August 8, 2006.

The Senior Center expansion project is progressing. The schematic design has been completed and we will award the start of the preliminary design soon. We are acquiring properties on Grand Street that will be used for additional parking for the expanded facility.

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I am very pleased to announce that the Magnet School has been completed and the certificate of occupancy has been obtained. The Magnet School should have its ribbon-cutting ceremony soon and be ready for opening as the students return to school at the end of this summer. We encourage you to tour the building and admire the architectural beauty. The Broadview Middle School renovation project has also been completed, on time and under budget. The Rogers Park Middle School renovations are underway. We expect to complete the five classrooms before the beginning of the 2006-2007 school year. The Roberts Avenue Replacement School phase I site clearing and demolition has started, and we will visit the State Facility Unit for approval on phase II in September. We are still expecting to go out to bid later this year on this project, perhaps in November, and anticipate that work being complete by September 2008.

Our parks and playgrounds improvements continue at a rapid pace. We have completed approximately six of our playgrounds at this time, and we began work on the sprayscape projects at Rogers Park and Highland Park.

Lastly, we are making significant progress in the early stages of design relative to our bridge replacement program. We are working on designs for the Backus Avenue bridge near the Post Office, the two Padanaram Road bridges, both north and south of the Padanaram Reservoir, and the Crosby Street bridge. We are also about ready to go out to bid on the Rose Hill Avenue bridge across the Still River.

On behalf of the Engineering Department, I would like to thank you for the opportunity to work with you. Should you have any questions regarding this report or any of its contents, or for that matter any other issues related to your Engineering Department, please do not hesitate to contact me.

Very truly yours,



Farid L. Khouri, P.E.  
City Engineer

FLK/ck

Encl.

C: Dena R. Diorio, Director of Finance, with encl.  
Duke Hart, Superintendent of Highways  
Dave Day, P.E., Superintendent of Public Utilities  
Richard M. Palanzo, Superintendent of Public Buildings  
Mark Miller, Lead Tree Operator  
Joe A. Pacific, Parks Maintenance Foreman

## ENGINEERING DEPARTMENT

June 2006

A. Sanitary Sewer Permits Issued: 12

B. Water Permits Issued: 16

Project Bid Openings: West Side Fire Station Engine 26 & Kaplanis Memorial Field

C. Projects under review, design and/or construction

1. Aqua Vista water system – assessment project
2. AT&T Facilities Expansions reviews
3. Backus Avenue area sanitary sewer final assessments
4. Backus Avenue bridge – State Local Bridge Program application
5. Backus Avenue – traffic signal synchronization
6. Bear Mountain water storage tank
7. Beckerle Street storm drainage (DaSilva)
8. Beckerle Street/Clapboard Ridge Road traffic signal
9. Bethel/Danbury Army Corps of Engineers drainage study
10. Bethel – interlocal sanitary sewer and water negotiations
11. Blind Brook Area/William Street playground
12. Boehringer Ingelheim area road and infrastructure improvements
13. Boulevard Drive sanitary sewer (assessment project)
14. Broadview Middle School – addition and renovations
15. Brookfield sanitary sewer – interlocal negotiations
16. Bridge inspections
17. Candlewood Diversion
18. Candlewood Education and Research Center
19. Candlewood Lake Shoreline Management Plan
20. Candlewood Park (mobile homes) sanitary sewer extension
21. Cannondale Drive request for road acceptance (assessment project)
22. Carla Estates – road construction
23. Carolyn Avenue area sanitary sewer – assessment project
24. Caraway Estates – road construction
25. Center Street/portion of Town Hill Avenue sidewalk improvements –CDBG
26. City Hall/West Street landscaping/streetscape
27. Coal Pit Hill Road, South Street, Triangle Street intersection improvements
28. Commerce Park water system
29. Common Council reviews and reports
30. Cornell Hills area sanitary sewers and water mains
31. Crosby Street bridge – State Local Bridge Program application
32. Crystal Beach Development – sanitary sewer and water main extensions
33. Damia Drive sanitary sewer and water line extensions
34. Danbury High School -baseball field drainage improvements
35. Danbury High School – science lab improvements
36. Danbury High School – security camera study
37. Danbury Neighborhood Bond – traffic improvements
38. De Palma Lane sanitary sewer

39. Eagle Road Extension/bridge/temporary bypass road/utilities
40. East Ditch drainage project
41. Engine Co. 25 building addition and renovations
42. Fieldstone Drive acceptance
43. Fire Training School – Plumtrees Road
44. Flint Ridge Road acceptance
45. Forest Avenue sanitary sewer extension
46. Garfield Avenue sidewalk and access easements
47. Hatters Park parking lot expansion and PAL connecting walkway
48. Hawthorne Terrace water system improvements
49. Head Start – Foster Street building renovations
50. Highland Avenue playground improvements – DEP grant
51. Highland Avenue park sprayscape
52. Hillcroft II sanitary sewer and water main extensions
53. Hillside street pump station abandonment
54. Hollandale Road sanitary sewer extension
55. Indian Springs water assessment project
56. Inspections – sanitary sewer and water connections
57. Intersection improvements – various locations (geometric and traffic signals)
58. Irving Place acceptance
59. Jackson Drive/Great Plain Road area sanitary sewer extension
60. Jensen’s Mobile Home Park – sanitary sewer and water extensions
61. Jireh Lane – road acceptance
62. Kaplanis field – Broadview Middle School property
63. Landfill closure
64. Main Street – streetscape south end
65. Main Street – streetscape north end
66. Magnet elementary school
67. Middle School (third) – feasibility study
68. Mill Plain Road improvements – DOT project
69. Mill Plain Road/Westwood Drive traffic signal
70. New elementary/replacement school (Roberts Avenue School)
71. 911 Dispatch Center – City Hall
72. North Street/Downs Street/Padanaram Road DOT improvement project
73. Old Farm Road sanitary sewer (assessment project)
74. Olive Street/Tilden Road sanitary sewer (assessment project)
75. Padanaram Road bridge over East Lake Brook– State Local Bridge Program  
(north end of Reservoir)
76. Padanaram Road Bridge over Margerie Brook near Capitola Road)
77. Parks and playgrounds safety audit and improvements
78. Parking Garage – Downtown (Library Place)
79. Pembroke Road/Stacey Road DOT intersection improvements
80. Permits – sanitary sewer and water
81. Petersons Farm/Louis Allen Drive road and bridge construction
82. Planning Commission reviews and reports
83. Police Headquarters (New)
84. Retaining wall reviews
85. Rogers Park – public restrooms
86. Rogers Park drainage master plan

87. Rogers Park master plan
88. Rogers Park soccer fields
89. Rogers Park sprayscape
90. Rogers Park Middle School – additions, renovations and parapet repair
91. Rose Hill Avenue Bridge
92. Rowan Street Park improvements
93. Ryders Lane area sanitary sewer
94. Salt and sand storage building – Public Works Complex
95. School playgrounds improvements
96. Scuppo Road sanitary sewer and water extensions
97. Senior Center Phase II
98. Shore Road improvements
99. Sidewalks – ADA improvements (ramps for the handicapped)
100. South Cove Road water main extension
101. South Cove Road – road acceptance petition
102. South King Street area water main extension as-built drawings
103. South Street – sanitary sewer and water mains – Timber Oaks
104. Stetson Place sanitary sewer and water
105. Storm drainage mapping (citywide)
106. Stormwater NPDES II regulations – plan and report
107. Tarrywile Lake Road – road construction
108. Tarrywile pavilion and equipment garage
109. The Reserve – former Union Carbide property
110. Traffic report reviews
111. Traffic signal maintenance
112. Tree stump removal and sidewalk repair contract
113. Westside Fire Station
114. Westside Sanitary Sewer Interceptor
115. Westside Water Storage Tank
116. White Street streetscape
117. Wilkes Road improvements
118. Wireless Edge cell tower
119. Wood Street and East Pembroke Road sanitary sewer

**COMMON COUNCIL REFERRALS TO ENGINEERING DEPARTMENT (ASSESSMENT  
PROJECTS)**

7/20/06

<u>REFERRAL DATE</u>	<u>LOCATION / NATURE OF REQUEST</u>
October 4, 1994	Jackson Drive - sanitary sewer extension – public hearing held 1/6/04 Common Council authorized project to go to construction – Roald Haestad, Inc. completed final design; EIC approved 9/28/04; easements to Common Council and Corporation Counsel for acquisition. Bid opening October 20, 2005. Bid awarded to low bidder – M. Rondano, Inc. Contract signed. Construction work in progress.
February 6, 1996	Wilkes Road - road improvements / acceptance (preliminary assessments / public hearing). Engineering preparing preliminary assessments for mail survey and public hearing.
April 2, 1996	Indian Avenue - road improvements/acceptance (mail survey)
May 7, 1996	Short Street and Lombardi Street - sanitary sewer extension (mail survey) – add Concord Road per 7/18/96 request by Lance Brevard
July 2, 1996	Carolyn Avenue Area - sanitary sewer extension. Mail survey sent out 10/24/03. Public hearing held January 12, 2004. 2/3/04 Common Council authorized project to go to construction. Roald Haestad, Inc. completed design. Easements acquired. Bid opening January 10, 2006. Contract awarded to low bidder – Underground Builders, Inc. Contract signed. Construction work in progress.
February 4, 1997	Kenosia Avenue ( #54 ) - sanitary sewer extension (preliminary assessments - public hearing). Public Hearing held April 20, 1997. At May 5, 1998 Common Council meeting, project to go ahead when funds are available. Paul Estefan looking into FAA funding. Engineering design being done by CCA LLC.
April 1, 1997 & August 7, 1998	Tilden Road and Olive Street - sanitary sewer extension mail survey sent out. Public hearing held January 12, 2004. 2/3/04 Common Council authorized project to go to construction. Easement sent to Common Council March 2004 for acquisition. Easement acquisition being worked on by Corporation Counsel. Revised easement sent to Common Council May 8, 2006 for acquisition. Engineering design being done by CCA LLC.
July 1, 1997	East Pembroke Road / Wood Street - sanitary sewer extension (mail survey) Preliminary assessments prepared and mail survey sent out. Mail survey results due 8/26/05. Mail survey report forwarded to Common Council. Public hearing held November 14, 2005. Common Council committee of the whole voted to

recommend to the Common Council that this project go forward. At December Common Council meeting, voted that this project go to construction. Consulting Engineer (CCA LLC) design beginning.

July 7, 1998	Route 37 (Kevin Drive) - sanitary sewer extension
September 1, 1998	Cornell Hills – sanitary sewer and water (mail survey) (3/5/02 – add Hunter Road to project). Mail survey sent out; information meeting held for residents on January 6, 2005; public hearing held February 17, 2005. At March 2, 2005 meeting, Common Council voted to go ahead with both the sanitary sewer and water projects. Roald Haestad Inc. hired to prepare plans, easements, etc. Preliminary designs have been reviewed by Engineering Department. Easements will have to be prepared, sent to Common Council and acquired before project is bid.
March 2, 1999	Boulevard Drive - sanitary sewer (mail survey)- mail survey sent out by Engineering Department 1/22/04. Public hearing held March 15, 2004. On April 6, 2004, Common Council authorized project to go to construction. Roald Haestad, Inc. working on plans and easements.
July 6, 1999	Cedar Crest Drive and Lindencrest Drive – sanitary sewer extension (mail survey)
August 3, 1999	Henso Drive and Stuart Drive – sanitary sewer (mail survey)
August 3, 1999	Cozy Hollow Road – sanitary sewer (mail survey) (included with Carolyn Avenue area) Mail survey sent out 10/24/03. Public hearing held - January 12, 2004. On 2/3/04 Common Council authorized project to go to construction. Roald Haestad, Inc. completed plans. January 10, 2006 bid opening. Contract awarded to low bidder – Underground Builders, Inc. Contract signed. Work has begun.
September 8, 1999	Hayestown Heights/Rose Lane – drainage (mail survey)
October 3, 2000	Briar Ridge Road, Rolf's Drive, Greta Drive, Cel Bret Drive sanitary sewer extension (mail survey)
December 6, 2000	Oak Lane and Haddy Lane – sanitary sewer extension (mail survey)
June 5, 2001 and November 4, 2004	Alexander D – sanitary sewer extension – (mail survey and public hearing)
August 7, 2001	Royal Pine Drive, Fairway Drive, Country Way Sanitary sewer (mail survey)
October 2, 2001	Shannon Ridge Road, Fairlawn Avenue and Edgewood Street- Sanitary sewer extension (mail survey)

October 2, 2001	Old Farm Road – sanitary sewer extension (mail survey) At 10/7/03 meeting, Common Council made this a priority project. Mail survey sent out and results report issued. Public hearing held on November 15, 2004. At 12/7/04 meeting, Common Council voted to go forward with only Section A (to construction). Construction plan being worked on by consulting engineer. Easements sent to Common Council and Corporation Counsel for acquisition.
April 2, 2002	Mountainville Road, Mountain Road, Willow Lane, Berkshire Lane (mail survey)
August 6, 2002	Ivy Lane – water main extension
August 6, 2002	Deepwood Drive – sanitary sewer extension
August 6, 2002	Lakeview Community (Jensen’s) – sanitary sewer extension (preliminary assessments for public hearing). Roald Haestad, Inc. working on preliminary plans and cost estimate.
November 7, 2002	Lakeview Community (Jensen’s) – water main extension (preliminary assessments for public hearing). Roald Haestad, Inc. working on preliminary plans and cost estimate.
November 7, 2002	Ivy Lane, Cedar Street and Sylvan Drive – water main extension (mail survey)
April 1, 2003	Hawthorne Terrace – water system – at 11/6/03 meeting, Common Council authorized this project to proceed. Design completed by Roald Haestad, Inc. EIC approval acquired. Bid opening July 7, 2005. Water lines contract awarded and executed. Construction of water lines nearly complete. Pumping station and well improvements being designed to go out to bid.
July 1, 2003 & September 3, 2003	Juniper Ridge Drive – sanitary sewer
December 2, 2003	Backus Avenue – sanitary sewer. Mail survey sent out December 11, 2003, public hearing 1/12/04. 2/3/04 Common Council authorized project to go to construction, easements to Common Council March 2, 2004. Bids opened July 29, 2004. Contract signed. Construction has been completed. Road has been paved. Final assessments have been computed and sent to the Common Council for a public hearing. Public hearing held on May 22, 2006.
June 2, 2004	East Gate Road – sanitary sewer
September 9, 2004	Karen Road – sanitary sewer – Common Council authorized mail survey contingent on positive reports from Planning Commission and Health Dept.

November 4, 2004	Candleview Ridge – sanitary sewer – (mail survey and public hearing)
November 4, 2004	Indian Springs water system – (mail survey and public hearing) – being worked on by Engineering Department
December 7, 2004	Cannondale Drive – acceptance as a City street (mail survey and public hearing). Mail survey sent out. Survey report sent to Common Council. Public hearing held January 9, 2006. At 2/7/06 meeting, Common Council authorized this project to go forward to construction. City has hired consulting engineer (SEA) to design project.
June 7, 2005	Southern Boulevard and Ryders Lane – sanitary sewer extension (mail survey)
June 7, 2005	South Cove Road – storm drainage (mail survey) South Cove Road – road acceptance (mail survey)
July 6, 2005	Broad Street – sanitary sewer extension (mail survey)
July 6, 2005	Aqua Vista water system – (mail survey and public hearing)
December 6, 2005	Hawley Road Extension – sanitary sewer (mail survey after constituents meeting)
January 4, 2006	Tamanny Trail, Tabor Road, Purchase Street – sanitary sewer (mail survey after constituents meeting)

**SPECIAL ACCOUNT - CONSULTING ENGINEER FEES**

8/01	Common Council Appropriation				\$50,000.00
<u>DATE</u>	<u>PROJECT</u>	<u>CONSULTANT</u>	<u>FEE</u>	<u>ACCOUNT</u>	<u>BALANCE</u>
9/6/2001	Jackson Drive and Great Plain Road Sanitary Sewer Extension	Roald Haestad, Inc.	\$10,500.00	\$39,500.00	
9/6/2001	Germantown Phase II Sanitary Sewer (Shepard Rd., Sand Pit Rd., Deerfield Rd., Michaud Rd., Starr Rd.)	Roald Haestad, Inc.	\$17,500.00	\$22,000.00	
10/17/2001	Kenosia Service Center Sanitary Sewer Extension	Roald Haestad, Inc.	\$ 1,500.00	\$20,500.00	
3/14/2002	Kenosia Service Center Sewer Sanitary sewer - credited back to allocation		(\$1,500.00)	\$22,000.00	
4/3/2002	Ta'Agan Point Water System	Roald Haestad, Inc.	\$1,500.00	\$20,500.00	
5/7/2002	Jackson Drive and Great Plain Road Sanitary Sewer Extension - mail surv.	Roald Haestad, Inc.	\$4,500.00	\$16,000.00	
5/7/2002	Jackson Drive and Great Plain Road Sanitary Sewer Extension-field survey	Roald Haestad, Inc.	\$15,000.00	\$1,000.00	
6/4/2002	Common Council appropriation			\$51,000.00	\$50,000.00
6/7/2002	Ta'Agan Point Water System - credited back to allocation		(\$1,500.00)	\$52,500.00	
6/19/2002	Jackson Drive and Great Plain Road	Roald Haestad, Inc.	\$51,000.00	\$1,500.00	
8/6/2002	Common Council appropriation				\$12,000.00
8/7/2002	Old Shelter Rock Rd/Woodside Ave. Sanitary Sewer Extension	Roald Haestad, Inc.	\$12,000.00	\$1,500.00	
11/8/2002	Germantown Phase II Sanitary Sewer - credited back to allocation (Shepard Rd., Sand Pit Rd., Deerfield Rd., Michaud Rd., Starr Rd.)		(\$17,500.00)	\$19,000.00	
Nov. 2, 2002	Jackson Drive and Great Plain Road	Roald Haestad, Inc.	\$ 15,600.00	\$3,400.00	
1/22/2003	Old Shelter Rock/Woodside Ave. - credited back to allocation		(\$12,000.00)	\$15,400.00	

2/12/2003	Carolyn Avenue Area Sanitary Sewer Extension - mail survey	Roald Haestad, Inc.	\$15,000.00	\$400.00
3/27/2003	Jackson Drive and Great Plain Road unencumber remaining balance		(\$51,334.82)	51,734.82
5/6/2003	Jackson Drive and Great Plain Road	Roald Haestad, Inc.	667.06	51,067.76
Aug. 27, 2003	Candlewood Terrace Water Main	Roald Haestad, Inc.	\$3,400.00	47,667.76
10/21/2003	Candlewood Terrace Water Main - credited back to allocation		(\$3,400.00)	51,067.76
10/24/2003	Carolyn Avenue Area Sanitary Sewer Mail survey postage		\$185.27	50,882.49
11/19/2003	Old Farm Road Area Sanitary Sewer	Roald Haestad, Inc.	\$9,000.00	41,882.49
11/19/2003	Carolyn Avenue Area Sanitary Sewer	Roald haestad, Inc.	\$736.30	41,146.19
	Jackson Drive and Great Plain Road	Roald Haestad, Inc.	374.57	40,771.62
1/8/2004	Jackson Drive and Great Plain Road unencumber Roald Haestad fee		(43306.81)	84,078.43
2/4/2004	Carolyn Drive Area Sewer unencumber Roald Haestad, Inc. fee and postage		(15921.57)	100,000.00
7/1/04	Old Farm Road Sewer additional Roald Haestad, Inc. fee		2,450.00	97,550.00
1/4/2005	Old Farm Road Sewer unencumber Roald Haestad, Inc. fee		(\$11,450.00)	109,000.00
1/4/2005	Jackson Drive and Great Plain Road unencumber Roald Haestad fee		(\$3,000.00)	112,000.00
1/11/2005	Cornell Hills Area Sewer and Water mail survey postage		68.91	111,931.09
1/11/2005	Jeanette Heights Area Sewer and Water mail survey postage		167.81	111,763.28
5/5/2005	Jensen's Residential Community sewer and water mail survey		50,000.00	61,763.28