

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC FACILITIES COMMITTEE AGENDA

WEDNESDAY, JULY 8, 2009

**7 PM PLEASE NOTE EARLY START
ROOM 209**

Chairman's Note: The discussion of item #224-06(2) will focus on the proposed additional bathroom facilities to service the outdoor athletic complex at the Newton North High School.

ITEMS TO BE DISCUSSED:

#224-06(2) ALD. LINSKY, ALBRIGHT & JOHNSON, BAKER & SCHNIPPER requesting further deliberation on the conditions set forth in the Site Plan Approval Board Order relating to the Newton North High School project, considering possible expansion and modification of the conditions.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#179-09 HIS HONOR THE MAYOR requesting to appropriate and expend from bonded indebtedness the sum of four hundred five thousand dollars (\$405,000) to Department of Public Works for the purpose of replacing two underground fuel tanks at the Crafts Street DPW yard. [06-09-09 @ 5:08 PM]

REFERRED TO PS&T, PUBLIC FACILITIES AND FINANCE COMMITTEES

#60-09 ALD. SANGIOLO, GENTILE AND HARNEY requesting the installation of traffic islands on CONCORD STREET to be funded with the Cabot, Cabot and Forbes Traffic Mitigation Fund for Lower Falls (Ward 4). [02/03/09 @ 1:01 PM]

#385-07 ALD. SCHNIPPER AND GENTILE updating the Public Facilities Committee on the progress of the Newton North High School Project. [11-21-07 @ 10:23 AM]

ITEMS NOT SCHEDULED FOR DISCUSSION:

#174-09 ALD. YATES proposing a Resolution to the Public Buildings Commissioner urging that the City apply for funding through the Fire Station Reconstruction Program established by the American Recover and Rediscovery Act for the reconstruction of the next scheduled fire station.

#175-09 PUBLIC FACILITIES COMMITTEE requesting monthly updates from the Department of Public Works on the Commonwealth Avenue project.

#127-09 IRA KRONITZ requesting that the Board of Alderman rescind Board Order #289-03(4) dated November 20, 2006, relating to roadway modification plans for curb-line geometry changes to calm traffic at the intersection of Daniel and Jackson Streets. [04-28-09 3:48]

- #289-03(6) JOHN S. MAYPOLE proposing a Resolution to the Commissioner of Public Works to install curb-line geometry at the intersection of Daniel and Jackson Streets as originally designed by the Traffic Engineer and approved by the Board of Aldermen on November 20, 2006.
- #126-09 ALD. LAPPIN requesting an update on the status of repairs and rental of the Kennard Estate. [04/17/09 @ 2:49 PM]
- #112-09 ALD. YATES requesting the City seek energy conservation funds from the American Re-Investment and Recovery Act to replace the energy inefficient boiler at the Emerson Community Center.
- #111-09 ALD. ALBRIGHT AND MANSFIELD requesting discussion of recent information (made available to the Land Use Committee) from NStar related to double poles, focusing on the 350 double poles waiting only for removal of wires or streetlights by the City of Newton.
- #82-09 ALD. SANGIOLO requesting the Executive Department apply for the Massachusetts Department of Energy Resource's Energy Audit Program for any and all municipal and school building facilities. [03/03/09 @ 1:19 PM]

RECOMMITTED TO FINANCE AND PUBLIC FACILITIES ON 02-17-09

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #13-09 HIS HONOR THE MAYOR requesting authorization to appropriate and expend three hundred eighty-five thousand dollars (\$385,000) from bonded indebtedness to the Public Works Department for the purpose of replacing both the salt shed and the Quonset hut at Crafts Street. [12-30-08 @ 5:04 PM]
PUBLIC FACILITIES APPROVED 4-0-2 (Ald. Gentile and Mansfield abstaining) on 01-07-09
FINANCE APPROVED 2-1-3 (Ald. Gentile opposed; Ald. Parker, Lennon and Freedman abstaining) on 02/09/09

REFERRED TO PUBLIC FACILITIES AND PROGRAMS & SERVICES

- #8-09 ALD. HESS-MAHAN LINSKY, ALBRIGHT, FREEDMAN, MANSFIELD, JOHNSON, HARNEY & VANCE proposing an ordinance requiring that the installation of synthetic in-filled turf athletic fields on city-owned property shall use sustainable, recyclable, lead-free, non-toxic products to the maximum extent feasible. [12-30-08 @9:55 AM]
- #457-08 ALD. LAPPIN AND SALVUCCI requesting discussion with NStar regarding the timely repair of City streetlights and the development of a standard response timeframe. [11-20-08 @ 12:51 PM]
- #368-08 ALD. LINSKY requesting approval of the Board of Aldermen of the design for improvements affecting the area where Walnut Street, Lowell Avenue and Watertown Street intersect including a traffic island, curb extensions and the dead ending of Lowell Avenue. [10-14-08 @ 12:53 PM]

#297-08 NSTAR ELECTRIC COMPANY petitioning for a grant of location to relocate Pole #223/5 on the westerly side of IRVING STREET ± 129' north of Commonwealth Avenue (Ward 7). [07-21-08 @ 11:02 AM]

#241-08 ALD. SCHNIPPER requesting an update on the progress of the design for the reconstruction of Needham Street. [6-13-08 @ 11:45 AM]

#208-08 ALD. GENTILE, SALVUCCI AND SCHNIPPER requesting a discussion on establishing a permanent Building Committee in the City of Newton. [05-16-08 @ 11:47 AM]

REFERRED TO COMMUNITY PRESERVATION & FINANCE COMMITTEES

#147-08 COMMUNITY PRESERVATION COMMITTEE recommending that the sum of \$359,400, including \$2,000 for legal costs, be appropriated from the FY'08 Community Preservation Fund's historic resources and general reserves, for a project to rehabilitate and expand storage space for the research library and archives at the Newton History Museum, to preserve the existing collections, and enhance public access to the collections. [04-01-08 @ 4:10 PM]
COMMUNITY PRESERVATION APPROVED 6-0 on 4-29-08

REFERRED TO PROG. & SERV., PUB.FAC. AND FINANCE COMMITTEES

#89-08 ALD. PARKER requesting the following:
A) review of the maintenance practices for buildings, parks and other properties owned by the City (including School Department facilities and grounds)
B) development of a comprehensive maintenance plan that includes regular schedules for preventive maintenance for each specific site or facility
C) a RESOLUTION requesting that implementation of said maintenance plan be funded using operating budget funds. [02-13-08 @ 12:07 PM]

Re-appointment by Board President

#50-08 PRESIDENT BAKER recommending Joseph Michelson, 94 Park Avenue, Newton be re-appointed as an Aldermanic appointee to the DESIGNER SELECTION COMMITTEE, term of office to expire 12/31/09. [01-17-08 @ 3:48 PM]

Re-appointment by the Board President

#48-08 ALD. BAKER recommending Lawrence Bauer, 42 Eliot Memorial Road, Newton, be re-appointed as an Aldermanic appointee to the DESIGNER SELECTION COMMITTEE, term of office to expire 12/31/09. [01-17-08 @ 3:48 PM]

Re-appointment by Board President

#46-08 PRESIDENT BAKER recommending Robert O. Smith, P.E., 55 Chester Street, Newton Highlands be re-appointed as an Aldermanic appointee to the DESIGN REVIEW COMMITTEE, term of office to expire 12/31/09. [01-17-08 @ 3:48 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #31-08 ALD. COLETTI proposing a RESOLUTION to His Honor the Mayor expressing a no confidence vote pertaining to the current status of the Newton North High School Construction Project and related Financing Plan. [01-15-08 @ 11:14 AM]

ITEM RECOMMITTED TO PUBLIC FACILITIES AND FINANCE ON 6/19/08
REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #11-08 HIS HONOR THE MAYOR requesting an appropriation in the amount of \$1,200,000 from bonded indebtedness for the purpose of funding the installation of four modular classrooms. [01-02-08 @ 4:53 P.M.]
B) \$1,225,000 from bonded indebtedness
NOTE: Letter received from Mayor on 1/4/08 requesting that appropriation amount be amended to \$1.3 million. Letters received 5/7 and 5/21 requesting that the funding source to capital stabilization for costs incurred for design work and the remaining \$1,225,000 from bonded indebtedness be voted no action necessary. Part A) \$75,000 from Capital Stabilization approved on 6/19/08.
- #352-07 ALD. SANGIOLO AND PARKER request Turner Construction, Project Manger for the Newton North High School Project and the DEP representative overlooking this project to discuss the issues and concerns raised regarding asbestos removal, transportation and disposal for the Newton North site and also information on 5,000 cubic feet of loam being removed to the Elliot Street and Rumford Avenue Yards. [10-17-07 @ 11:54 AM]
- #351-07 ALD. PARKER AND SALVUCCI requesting that the Department of Public Works create an inventory and inspection regimen of bridges and culverts less than 20' in length and develop a maintenance plan for all city-owned bridges including those over 20', as recommended by the Undersecretary of Public Works at the Executive Office of Transportation, Robert Rooney. [10-17-07 @ 12:11 PM]
- #253-07 ALD. LINSKY ALBRIGHT, JOHNSON, HARNEY, SANGIOLO, SALVUCCI, MANSFIELD, BURG, SCHNIPPER requesting (1) a review as to how provisions of applicable ordinances, specifically 5-58, were implemented during the course of the Newton North project, and (2) consider proposed revisions of 5-58 including, but not limited to:
- (a) timely provision of documentation by the public building department to the Board of Aldermen and Design Review Committee;
 - (b) establishment of liaison committees to facilitate communications and input from neighborhoods affected by projects subject to this ordinance;
 - (c) approval of final design plans by the Board of Aldermen of projects subject to this ordinance;
 - (d) oversight during the construction phase of projects subject to this ordinance by appropriate Board committee(s) both in respect to approval of change orders as well as design changes; and
 - (e) generation of a required record detailing the entire construction process by the public building department to guide present and future oversight of projects subject to this ordinance. [08-07-07 @ 3:12 PM]

- #54-07 ALD. SANGIOLO requesting discussion with the School Department and the Public Buildings Department about giving the School Department increased control over maintenance of school building facilities thereby allowing the School Department to have direct authority to deploy/hire staff to make necessary repairs to their school facilities. [2-9-07 @ 1:46 PM]
- #451-06 KEYSPAN ENERGY petitioning for a grant of location to install and maintain 450' ± of 8" gas main in HULL STREET from the existing 8" gas main in Hull street at 90 Hull Street easterly to the existing 6" gas main in Hull Street at 60 Hull Street. All of which is to replace the existing 4" gas main in Hull Street, which is to be abandoned. [11-15-06 @ 11:19 AM]
- #345-06 ALD. SCHNIPPER requesting that the contingency on smaller Public Buildings projects be increased from 5% to at least 8%.
- #294-06 ALD. SAMUELSON requesting creation of a method for the collection of parking meter receipts to ensure maximum collection.
- #280-06 ALD. SANGIOLO proposing an Ordinance to create a Building Committee made up of Finance, Construction and Building experts in addition to several Aldermen to oversee construction and renovation projects in all municipal buildings.
- #226-06 ALD. LINSKY requesting discussion of initiatives in respect to monitoring of water meter readings to better inform water and sewer users of significant increases in usage.
- #178-06 ALD. SCHNIPPER, LINSKY AND ALBRIGHT requesting a report on the commissioning of Newton South High School.
- #159-06 PRESIDENT BAKER & ALD. SCHNIPPER presenting the City of Newton Energy Action Plan for review and such action that may be appropriate by the Board of Aldermen.
- #155-06 JAMES A. BLACKBURN, 105 Wood End Road, Newton Highlands petitioning for laying out, grading and acceptance of WOOD END ROAD as a public way from the intersection of Mountfort Road westerly to the intersection of Nantucket Road (a distance of 360'±) to be the width of 45'.
- #152-06 PS&T COMMITTEE requesting discussion re Road Classification Design Types (as outlined by the Planning and Development Department) for future use as an overall management tool for the City.
- #84-06 COMMISSIONER OF PUBLIC WORKS requesting a waiver from the Board of Aldermen of surfacing materials used on the sidewalk of a public way in front of 161 Pond Brook Road, as provided in §26-47 of the City of Newton Ordinances.
- #424-05 ALD. SANGIOLO & HARNEY requesting an update from the School Department regarding the energy audit that was begun during last year's budget review.

#467-04 ALD. YATES AND SCHNIPPER requesting a response from the Commissioner of Public Works to the findings of the Environmental Protection Agency that pollution enters the Charles River from Newton.

#386-04 ALD, SANGIOLO, HESS-MAHAN, JOHNSON, AND DANBERG proposing an ordinance to require that designers selected have LEED certification and include high performance/life cycle analysis for all municipal construction projects in the City of Newton.

ITEM REFERRED BY PUBLIC SAFETY & TRANSPORTATION:

#321-04(2) ALD. JOHNSON requesting a RESOLUTION to His Honor the Mayor requesting that he expeditiously as possible find funding to create traffic calming measures on Mill Street as requested by the Traffic Council.

#246-04 COMMISSIONER OF PUBLIC WORKS requesting approval of the 25% design plan submittal for Walnut Street from Homer Street to Centre Street including a small section of Centre Street to Route 9.

#178-04(2) ALD. LAPPIN requesting an update on progress and implementation of the construction information database.

#104-04 ALD. YATES requesting a report from the Chief of Police as to how the ordinance prohibiting the blockage of sidewalks with snow can be more easily enforced.

REFERRED TO PUB FAC. AND PUB SAF & TRANS. COMMITTEES

#35-04 ALD. SAMUELSON AND DANBERG requesting an ordinance amendment to Section 26-8 of the City of Newton Revised Ordinances, 2001 to require all property owners or residents to remove snow from sidewalks abutting their property.

#522-03 ALD. PARKER AND LENNON requesting an ordinance amendment to improve enforcement related to snow removal.

REFERRED TO PROG. & SERV., PUB. FAC. AND FINANCE COMMITTEES

#309-01 ALD. PARKER requesting increase in the income eligibility level of the 30% water/sewer discount for low-income senior citizens.

94-99 RALPH S. ROBERT 28 Richardson Road, Petition for Laying Out, Grading, and Acceptance of RICHARDSON ROAD from Route 9 northerly 180'± to be the width of 30 feet.

Respectfully submitted,

Sydra Schnipper, Chairman



DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION - TRANSPORTATION
1000 Commonwealth Avenue
Newton Centre, MA 02459-1449

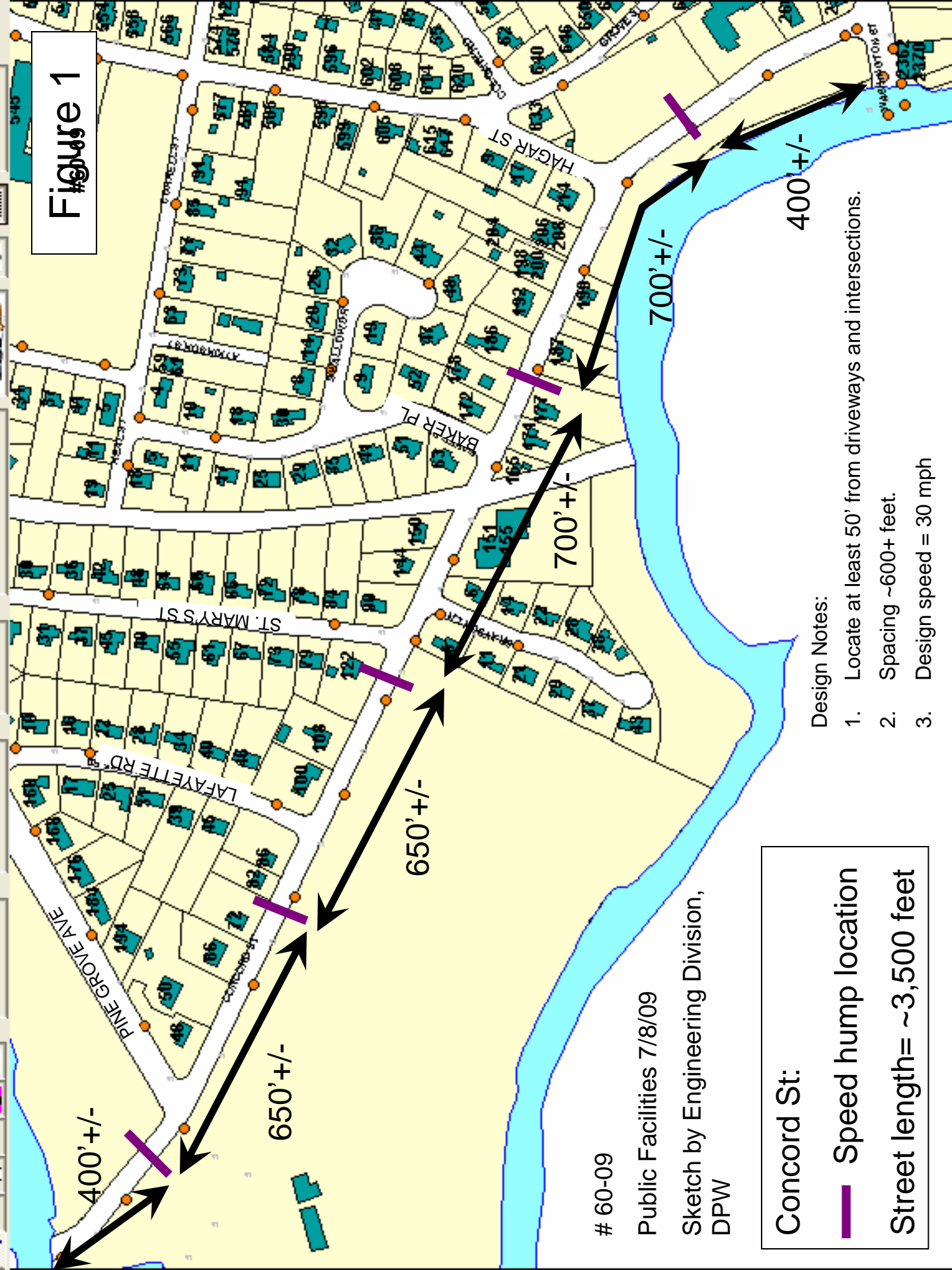
David B. Cohen
Mayor

DATE: July 2, 2009
TO: Public Facilities Committee
THRU: Lou Taverna, City Engineer
FROM: Clint Schuckel, City Traffic Engineer
RE: **Docket Item # 60-09, Concord Street**
CC: Tom Daley – DPW Commissioner
Assistant Chief Bruce Proia – Fire Department
Captain Howard Mintz – Police Department
File

At its June 17, 2009 meeting, the Public Facilities Committee requested a concept level design and cost estimate for the installation of speed humps on Concord Street. In response, I have prepared this memo and the two attached figures. **Figure 1** shows approximate locations of five speed humps with a spacing of 650 to 700 feet, which is at the maximum recommended spacing to encourage vehicle speeds at or near 30 mph. The options for speed hump locations are very limited on Concord Street given the street alignment with vertical and horizontal curves as well as the numerous locations of intersections and driveways on either side of the roadway. I attempted to locate speed humps at least 50 feet from a driveway or intersection, which means only sections of the street with no driveways or intersections for 122 feet can be considered. Per the request of the Committee, I have also attached a standard detail for 22' speed humps copied from the City of Portland, Oregon Traffic Manual as **Figure 2**.

DPW's cost estimate for a 12' speed hump is \$ 7,500 (City Engineer memo to PF Committee December 2008). The labor cost for a 22' speed hump is very similar, however, increased asphalt is needed for the additional 10 feet of 3" raised surface. Therefore, the DPW estimate for 22' speed hump is \$10,000 each, which is significantly less than a raised crosswalk (\$25,000) or raised intersection (\$60,000) where sidewalk, curbing, and street drainage improvements are required. The total estimated cost of the five 22' speed humps on Concord Street is \$50,000.

Figure 1



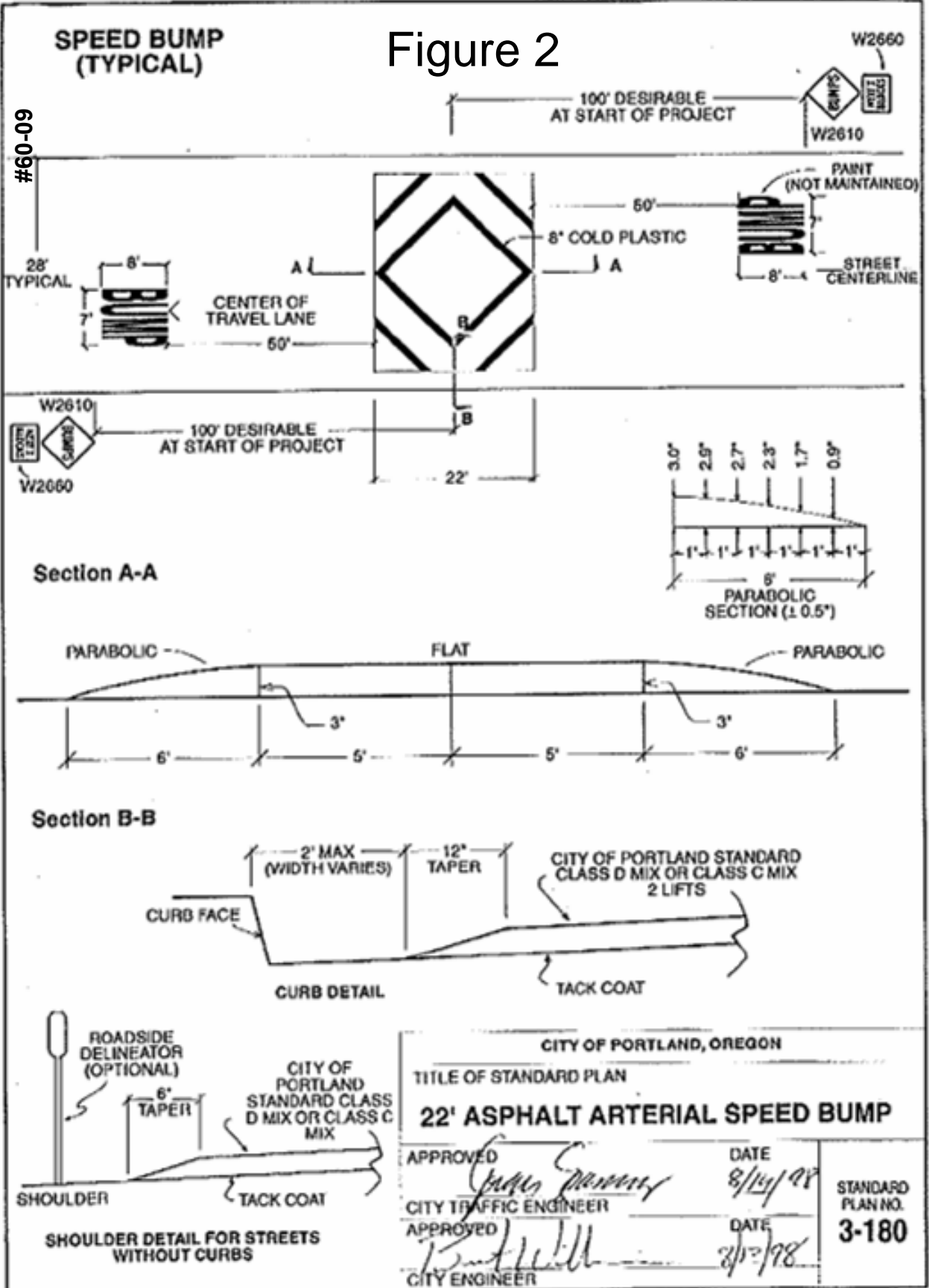
- Design Notes:
1. Locate at least 50' from driveways and intersections.
 2. Spacing ~600+ feet.
 3. Design speed = 30 mph

60-09
 Public Facilities 7/8/09
 Sketch by Engineering Division,
 DPW

Concord St:
 — Speed hump location
 Street length= ~3,500 feet

**SPEED BUMP
(TYPICAL)**

Figure 2



Section A-A

Section B-B

CITY OF PORTLAND, OREGON	
TITLE OF STANDARD PLAN	
22' ASPHALT ARTERIAL SPEED BUMP	
APPROVED <i>[Signature]</i> CITY TRAFFIC ENGINEER	DATE 8/14/98
APPROVED <i>[Signature]</i> CITY ENGINEER	DATE 8/17/98
STANDARD PLAN NO. 3-180	

TCP.TCP SOLUTIONS-STD 22 FT ASPH BUMP