



CONCORD PUBLIC WORKS ENGINEERING DIVISION

133 KEYES ROAD
CONCORD, MASSACHUSETTS 01742-1601

Tel: 978-318-3210

Fax: 978-318-3245

www.concordma.gov

American with Disabilities Act (ADA) Questionnaire

Overview

The American with Disabilities Act (ADA) is a civil rights law mandating equal opportunity for individuals with disabilities. The ADA prohibits discrimination of access to public transportation. The Town of Concord-Engineering Division's (the Division) main charge is to ensure that all transportation facilities (i.e. sidewalks, curb ramps, pedestrian signals, etc.) within the town's right of way are constructed so that it is usable by individuals with disabilities. Since the ADA's inception in 1994, the Division is constantly assessing its policies and approach and reconstructing infrastructure to ensure compliance with with ADA requirements on our roads and sidewalks.

Most recently, the Division has revisited the Transition Plan which maps out our planned infrastructure improvements. In order to do this properly we need to conduct a Self-Evaluation of our facilities.

Self-Evaluation and Questionnaire

The Self-Evaluation phase includes data collection and obtaining feedback. The Division has already collected a vast amount of information on its own but is also looking for your feedback so we can better develop a plan.

In addition to the survey and data collection aspects of the Self-Evaluation process, one of the most beneficial ways for community members to support the town's efforts and help us is by providing input and advice. On the backside of this page you will find a brief questionnaire. Please take a few moments to highlight some areas of concern to you. For example, if there is a section of sidewalk that is too steep or an intersection where the pedestrian push button is hard to reach, let us know. An example is below.

We recognize that this media may not be the most convenient way to participate in this process. If this is the case we strongly encourage you to reach out to the division in any way you can in order to participate. Every effort will be made by the Division to reasonably accommodate special requests.

We thank you for your consideration and look forward to gaining feedback in order to make the facilities within the town's right of way readily accessible for everyone.

Example:

Facility Type (i.e. sidewalk, ramp, etc.): _____

Location of Facility: _____

Brief Description of Improvements needed:



Please answer the following questions. You may use extra paper if needed.

1. Please rank these facilities in order of importance to you: sidewalks, crosswalks, curb ramps, accessible parking spaces, and pedestrian traffic signals.

2. The facilities (list up to three) that should be prioritized for consideration are:

Facility Type (i.e. sidewalk, ramp, etc.): _____

Location of Facility: _____

Brief Description of Improvements needed:

Facility Type: _____

Location of Facility: _____

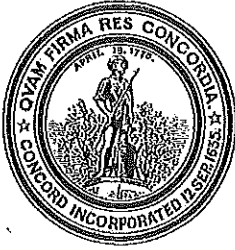
Brief Description of Improvements needed:

Facility Type: _____

Location of Facility: _____

Brief Description of Improvements needed:

Attn: Nancy Crowley
Jean Goldsberry



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We thank you for your consideration and look forward to gaining feedback in order to make the facilities within the town's right of way readily accessible for everyone.

Example:

Facility Type (i.e. sidewalk, ramp, etc.): Sidewalk (concrete)

Location of Facility: In front of #123 XYZ Road.

Brief Description of Improvements needed:
The sidewalk in front of this building is too steep and it makes it difficult to walk on. Also, there are some tripping hazards that should be fixed.

Please answer the following questions. You may use extra paper if needed.

1. Please rank these facilities in order of importance to you: sidewalks, crosswalks, curb ramps, accessible parking spaces, and pedestrian traffic signals.

2. The facilities (list up to three) that should be prioritized for consideration are:

Facility Type (i.e. sidewalk, ramp, etc.): _____

Location of Facility: _____

Brief Description of Improvements needed:

Facility Type: _____


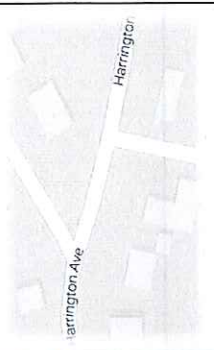







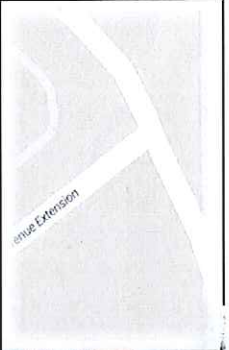
Location of Facility: _____


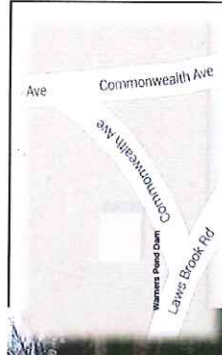





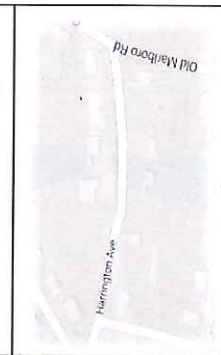


Brief Description of Improvements needed:

Facility Type: _____

Location of Facility: _____

Brief Description of Improvements needed:

#	Location	Description	Comments	Photo	Map
1	Intersection of Harrington and Upland	The sidewalk down Upland stops about 100 feet short of Harrington, and does not exist along Harrington (~100 feet) until it starts again at Ministerial. This is a very dangerous intersection (very busy on Harrington), especially for kids.			
2	Intersection of Upland and Pine	Confusing intersection because Pine does not have a stop sign. Improved signage to alert drivers of this, plus crosswalk/stop line repainting would enhance safety greatly.			
3	Main Street bridge over the Assabet	A significant concern and a well recognized issue. On the books for improvement as part of larger Rte. 62 improvement program.	Many residents echoed the need for improvements here. WCAC should have the opportunity to comment on the design once drafted.		
4	Cottage street from Main	Another area of routine concern. There are apparently issues with private property preventing the extension of a sidewalk.	Opportunity to create a "spur" off of the BFR to provide easy access to W. Concord Center?		
5	Baker Extension from Baker Avenue	Baker Extension does not have a sidewalk (sidewalk only provided on Baker). Concern for those walking from the businesses/new hotel down to W. Concord Center.	Proposed footbridge from train platform / Concord Park to business area would allow access to W. Concord Center without sidewalk.		


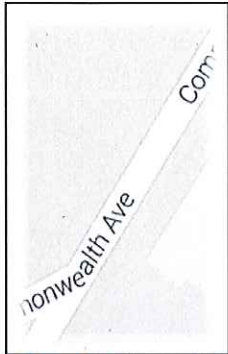

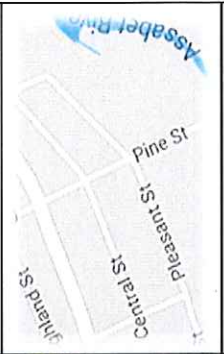

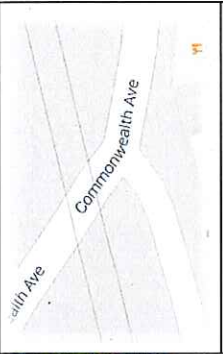


6	Connection between Laws Brook and Warner's Pond Pocket Park (along Commonwealth).	The sidewalk on Laws Brook Road just ends before the triangle intersection, so no connection to the park around the corner or to K. Dunn Square. Also, crosswalk across Commonwealth Avenue at the park needs to be repainted (or painted) as this is a busy roadway.		
7	Conant Street at the RR tracks.	Sidewalk on Conant Street comes to an abrupt stop just before the RR tracks (blocked by a road sign). Not sure what people are expected to do when they reach this blockade (especially those with walkers, strollers, wheelchairs, etc.).		
8	Main Street and Harrington	There is a crosswalk at this intersection to get across Main Street, then a very short section of cross walk, but it is just an island. Getting down Harrington from this location is incredibly dangerous (narrow and blind curve for cars).		
9	Harrington between Ministerial and Old Marlboro	Sidewalks terminate at the intersection of Old Marlboro and Harrington, and Ministerial and Harrington. The short section of Harrington between is very narrow, has blind turns, and commuter traffic goes very fast. Children from a large neighborhood area use this section of road to get to schools (both middle schools).		
10	Laws Brook Road	Sidewalk along Laws Brook needs improvements.		

One option might be to "take" the needed sidewalk width from K. Dunn Square, shift the road a few feet, and install sidewalk in front of existing residential property.

Also, apron of asphalt crossing train tracks has an uneven edge with a steep drop off that can be difficult to see - especially at night.
 Aug 5 update: major improvements have been made to this crossing, which seem to have addressed the issues raised here.

This intersection has recently undergone a traffic study and recommendations are being presented. WCAC should have the opportunity to comment on the design/recommendations once drafted.
 Aug 5 update: Brush clearing to improve site lines has been completed.

More specifics?

11	Crosswalk on Commonwealth Ave.	Crosswalk is needed near the florist & Nashoba Bakery parking lot.	Will this be addressed as part of Brookside Square street improvements or has that been cancelled in favor of a crosswalk at Bradford St?		
12	Pine Street	Sidewalks along Pine Street needs significant improvements. Tree roots are a contributing issue.			
13	Commonwealth Ave and Church St	Intersection at the RR crossing. Multitude of issues and safety concerns. Train blockage of intersection. Location of future bumpout in front of Twins/Teacakes.	Many residents echoed the need for improvements here.		
14	Baker Avenue	Concerns (particularly from Concord Greene residents) about the condition and width of sidewalk along the eastern side of Baker. Very narrow in places, making access with a wheelchair or walker difficult.	It's understood that the key issue relates to the placement of the utility poles. An interim solution could be to install a cross walk right at the Concord Greene entrance to allow for access to the western side of Baker; however, this may also cause access concerns.		

William Renault

From: Concordma_news <concordma_news-bounces@mm.windigicert.com> on behalf of News and Notices <concordma_news@mm.windigicert.com>
Sent: Tuesday, June 14, 2016 3:53 PM
To: ConcordMA_ManagerReports@mm.windigicert.com;
concordma_news@mm.windigicert.com
Subject: News Town Manager's Report 06/13/2016
Attachments: ATT171129.txt

A new Town Manager's Report is now available.

[Click here to select the Town Manager's most recent report](#)



TOWN OF CONCORD

Town Manager's Report

Week of: June 13, 2016

Concord Public Works -Bicycle Giveaway for Concord Residents

Contact: (978) 318-3240

There has been strong initial interest in the bike giveaway to be held from 4:00 PM – 7:30 PM on Wednesday, June 22nd at the Public Works facility located at 133 Keyes Rd. Many residents have contacted Concord Public Works beginning on the morning of June 6th, the day passes became available, to make arrangements to obtain a pass. An official, no cost pass is required to receive a bike, with a two-bike per family limit - on a first come, first choose basis on the day of the event. Residents may pre-register and obtain a limited availability pass to attend the event beforehand by contacting Concord Public Works at (978) 318-3240.

Given the high interest in the bike giveaway, CPW urges residents to obtain their pass early as passes are limited to the existing inventory.

Paid Summer Internship Opportunity

Contact: (978) 318-3025

The Town of Concord is seeking a paid summer intern to work with our Social Services Division and the Department of Planning and Land Management to assist with a variety of projects. Candidates must have a general knowledge of Microsoft Windows (Word, Excel and Access) and related software, as well as digital cameras/photography.

Candidates must be able to organize information in spreadsheets and perform research and field work as needed. Good communication skills, a positive attitude, excellent verbal and written skills and the ability to work unsupervised are also required. A general understanding of good graphic design is a plus. More information is available on the Town's website on the left-hand side under 'Job Opportunities'. Applications are being accepted until June 20th, or until the right candidate is selected.

Construction Work on Main Street June 15th

Please be advised that the contractor for the Main Street Sidewalk Improvement project will recommence construction June 15th to complete all remaining work.

This work includes the reconstruction of the brick crosswalk at Academy Ln, the reconstruction of the curb ramp at the intersection of Main St and Sudbury Rd, and all other incidental work. During the reconstruction of the brick crosswalk, there will be alternating traffic during the removal of the existing crosswalk. Main Street will be closed for through traffic (between Belknap St and Sudbury Rd) for a period of two hours during the installation of the concrete base for the crosswalk. Traffic will be temporarily detoured using Thoreau St and Sudbury Rd. There will be signs posted directing vehicular traffic during the detour. Once the concrete is poured, alternating traffic will resume until the crosswalk is complete. Likewise, pedestrians must also be attentive to the sidewalk closures and detours.

Please proceed with caution through this work zone. Expect delays and seek alternate routes, if possible. For more information and scheduling please contact the CPW- Engineering Division 978-318-3210.

Concord Police Officers, Dispatchers Recognized for Life Saving Efforts

Chief Joseph O'Connor is pleased to announce that several members of the Concord Police Department received First Responder Recognition Awards yesterday for their life saving achievements.

Sgt. Joseph Connell, Officer Kevin Walsh, Officer Charles Dirienzo, Officer Robert Dolins, Officer Sean Connell and Dispatcher Anthony Marabella were honored by the Municipal Police Training Committee (MPTC) at a ceremony on Thursday, June 9.

The annual event recognizes members of local law enforcement who have provided life-saving medical assistance to people in need. This year, Governor Charlie Baker was in attendance as the guest speaker, along with Undersecretary Jennifer Queally and MPTC Executive Director Daniel Zivkovich.

Commonwealth Connect

Report potholes and other problems
to your town on the go!



See something in the community that could use some fixing? Maybe it's a pesky pothole or a street light that's out. Let us know via SeeClickFix/ Commonwealth Connect on the web or on your mobile phone!



CONCORD PUBLIC WORKS (CPW)
ADMINISTRATION • ENGINEERING • HIGHWAY & GROUNDS • WATER & SEWER

Contact: (978) 318-3206

Traffic and Construction Advisory - Main Street Sidewalk Project – Project contractor Century Paving will recommence construction June 15th to complete all remaining work. This work includes the reconstruction of the brick crosswalk at Academy Ln, the reconstruction of the curb ramp at the intersection of Main St and Sudbury Rd, and all other incidental work. During the reconstruction of the brick crosswalk, there will be alternating traffic during the removal of the existing crosswalk. Main Street will be closed for through traffic (between Belknap St and Sudbury Rd) for a short period estimated at two hours during the installation of the concrete base for the crosswalk. Traffic will be temporarily detoured using Thoreau St and Sudbury Rd. There will be signs posted directing vehicular traffic during the detour. Once the concrete is poured, alternating traffic will resume until the crosswalk is complete. Likewise, pedestrians must also be attentive to the sidewalk closures and detours. Please proceed with caution through this work zone. Expect delays and seek alternate routes, if possible.

Sleepy Hollow Pedestrian Bridge and Culvert Rehabilitation Project – Project bids were opened on Friday June 10th. The apparent low bidder is Pecora Contracting of Woburn. The project scope includes the removal of the existing culvert adjacent to the Chestnut Hollow section of the cemetery to install a new pedestrian bridge day-light a perennial stream, removal and replacement of a trail culvert with a water control structure and the cleaning and slip lining of the old Railroad culvert. Construction is expected to begin in early July.

Roads Program Updates –

Deacon Haynes Road - Project contractor Lazaro Paving will complete top course roadway paving the week of June 13th. The project is expected to reach substantial completion by the end of June.

Southfield/Riverdale Neighborhood - Project contractor Lazaro Paving will complete top course roadway paving for the two remaining sections (Pilgrim Road and Southfield Road) the week of June 13th. The project is expected to reach substantial completion by the end of June.

Hunters Ridge Road- Project contractor Cedrone Trucking completed the top course roadway paving of Hunter's Ridge Road. The project is nearing completion with top course sidewalk paving with loam and seed remaining. The project is expected to reach substantial completion by the end of June.

ADA Right of Way Transition Plan - CPW has entered a contract with VHB in order to update the Town's ADA Right of Way (ROW) Transition Plan. The scope of services includes modifying and expanding on the Town's existing sidewalk and ramp geodatabases. Features, such as slopes, pinch points, level changes, overhead obstructions, etc. will be stored and utilized for analysis to ensure that the transition plan prioritizes accessibility upgrades within the Town's fiscal constraints. In addition to the services of the consultant, the CPW Engineering Division developed a targeted community outreach questionnaire to gather information on known ADA barriers and help prioritize repairs. Please contact the Engineering Divisions if you would like to fill out a questionnaire. The ADA ROW Transition plan is expected to be in draft form by the Fall.

Westford Road Culvert Replacement Project – Project contractor Aquiline Industries anticipates beginning construction for the culvert replacement on July 6th. The project scope includes the replacement of the culvert and headwalls. Traffic will be detoured around the work area for approximately one month. The detour will be established via Spencer Brook Rd and Pope Road in Carlisle. The project is being funded in part through FEMA's Hazard Mitigation Grant Program (HMGP) administered by MEMA.



CONCORD PUBLIC WORKS (CPW)
ADMINISTRATION • ENGINEERING • HIGHWAY & GROUNDS • WATER & SEWER

Contact: (978) 318-3206

MassDEP Sponsored Grants Submitted by CPW - On June 9, 2016 CPW submitted both a “Sustainable Materials Recovery Program Grant” in the amount of \$1,250, the maximum amount that could be awarded under this grant based on the Town’s population along with a “Recycling Dividends Program (RDP) Grant” which is a point-based program. Under the Recycling Dividends Program, the Town may be eligible to receive up to an additional \$4,000 (maximum of 10 points @ \$400 per point). Both grants could be utilized for the purchase of additional recycling-related products such as wire-frame recycling containers for downtown areas, other public recycling containers (i.e. collapsible containers for events), compost bins, curbside recycling bins, etc. MassDEP typically awards these grants in October.

Nagog Pond Water Supply - In concert with the Acton portion of the new pedestrian/bike path overpass under construction along Route 2A in Acton, SPS New England, Inc. has completed the relocation of several hundred feet of 16-inch (circa 1909) suction main located immediately up gradient of Concord’s Nagog Pond booster pump-station. The completion of this work, coupled with the installation of a temporary ozone treatment unit at our Acton drinking water treatment facility, have CPW prepared to bring Nagog Pond on-line just in time to meet summer/peak demand period.

DEPARTMENT OF PLANNING & LAND MANAGEMENT
Natural Resources • Planning • Building • Health

Building Inspections Division

Contact: (978) 318-3280

Concord-Carlisle Regional High School: A full Certificate of Use and Occupancy (C of O) has now been issued for the CCRHS project. The school had received a temporary C of O pending demolition of the old High School structures and landscaping being completed. The High School playing fields construction is still proceeding throughout the summer.

110/112 Commonwealth Avenue (Reasons to be Cheerful): With a pending sale of the building/lot to a new owner, the Building Inspections Division has been working with the buyer’s/seller’s attorneys to make sure that the proper parking easement is in place to allow the sale and prevent a zoning violation. This building relies on three (3) parking spaces which are located on the 104-108 Commonwealth Avenue site next to and behind it.

‘Black Horse Place’ Planned Residential Development (PRD): The Building Inspections Division has started issuing building permits for a 19-unit PRD, “Black Horse Place”, located on 46.5 acres off Commerford Road. Lot clearing and road construction has already begun on the site.

Health Division

Contact: (978) 318-3275

Routine septic permitting, temporary food event permitting, and camp and pool inspections have been carried out by Health Division inspectors. 13 septic field inspections, 3 food inspections, 5 temporary food event permit reviews, 4 camp inspections, 2 pool inspections.



DEPARTMENT OF PLANNING & LAND MANAGEMENT

Natural Resources • Planning • Building • Health

Natural Resources Division

Contact: (978) 318-3285

Natural Resources Commission: Staff reviewed the following projects for the June 15th NRC meeting: the continued Notice of Intent (NOI) for Mill Brook Tarry to construct a market and expand the parking lot; a NOI for 300-310 Baker Avenue to expand the parking lot; an NOI for MassDOT to install stormwater management swales and basins on a portion of Route 2; and an NOI for 253 Sudbury Road for landscaping and to repair a retaining wall.

National Trails Day: The Appalachian Mountain Club, Trails Committee, local volunteers, and DNR staff held a successful work party on Saturday, June 4th. Three hundred butterfly weed and 15 New Jersey Tea plants were planted in Heywood Meadow and eight bog bridges were constructed and installed on the Emerson-Thoreau Amble.



Planning Division

Contact: (978) 318-3285

Bruce Freeman Rail Trail Advisory Committee meeting of June 9th: Director Marcia Rasmussen provided an update about the Right-of-way process to the BFRT Advisory Committee. Sudbury Selectmen Leonard Simon attended the meeting and provided an update on Phase 2D – the rail trail through Sudbury. He reported the design engineers VHB were currently developing the 25% design plans with an expected completion date of November 2016, that additional funds have been appropriated from Community Preservation Funds through Town Meeting to support the next stage of design and that CSX has expressed an interest in selling a portion of their right-of-way to the towns of Sudbury and Framingham, which would allow completion of the trail as envisioned.

Historical Commission meeting of June 9th: The agenda included planning for the presentation of the first annual Preservation Awards, which will be held on Monday, July 20 during the Select Board's scheduled meeting. The Commission also reviewed and approved a Demolition Review Application form for use as soon as the Bylaw has been authorized by the Attorney General; discussed the Ball Benson House and Barn reconstruction project and steps for moving forward with the project; brainstormed ideas to make the Historic Markers program more visible; and discussed their summer meeting schedule and potential upcoming projects.

Millbrook Tarry market proposal: At its Tuesday night meeting, the Planning Board finalized its recommendation to the Zoning Board of Appeals (ZBA) recommending that the special permit; site plan and requested relief from parking requirements be granted. On Thursday, June 9th, the ZBA opened the public hearing on this application, and after listening to a presentation by the proponent and comments/questions from residents, continued the hearing to July 14th.

COMMITTEE ON DISABILITY

Minutes for 9/6/2016

Attending: Jean Goldsberry, David Holdorf, Lloyd Price, Meryl Schwartz, Marybeth Barker, Jennifer Brooke (by conference phone), Nora McShane (prospective new member), Tom McKean (Select Board Liaison), Chris Olbrot (Assistant Town Engineer), Casey Atkins (Concord Integrated Playground Initiative), Anne Kilroy (Concord Integrated Playground Initiative), Hope Noe (guest)

Meeting called to order at 5:10. Minutes of 8/23/2016 approved. Note that this meeting will be considered an informal meeting, as not enough posting notice time was given to the Town Clerk, because of the Labor Day holiday intervening.

Old Business

Jennifer reported that she sent a letter to various interested parties in the Town regarding access to the diving and kiddie pools, but has not yet been able to convene a meeting of the Beede Center personnel to discuss. Marybeth noted that a new and improved lift has been installed in the therapy pool.

Jennifer reported that the Building Department has inspected the new Gaining Ground barn, and has reported to Gaining Ground that there are several ADA non-compliance issues, including the previously noted 4" step into the designated handicapped bathroom. All issues are correctable, and Gaining Ground is on notice to do so.

A letter has been sent from the Disability Committee to the CPA in support of the West Concord Union Church application for funding for a new unified/handicapped accessible entrance.

A discussion of Disability Committee goals for this fiscal year was deferred to a future meeting because of the full agenda for this meeting.

Tom McKean was requested to inquire of the Town how to approach the issue of this Committee's change of status to a Commission, which carries with it the possibility for project funding. It is believed that this change would require a Town Meeting warrant article.

Concord Integrated Preschool Playground Initiative

Casey and Anne presented a detailed plan, generated with the generous help of Jennifer Brooke (who is thus recused from votes on this project) of a new playground at Ripley which is designed to accommodate the needs of pre-schoolers of all abilities. The new playground is adjacent and connected to the new Ripley Playscape, but is an enclosed and more structured adjunct. It will be open to all, basically at all times including weekends and after pre-school hours. The current antiquated pre-school playground equipment is not totally accessible. The Disability Committee was requested to provide a letter of support for a pending application for funding from the CPA, and this will be done at a later date.

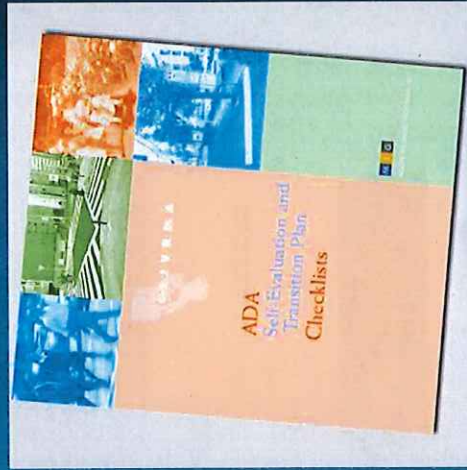
Concord Public Works ADA Transition Plan

Chris gave a very thorough and well-organized presentation of this comprehensive long-range plan to upgrade all pedestrian paths and street crossings within the Town rights-of-way. The plan will take years to complete, but each year, certain aspects are tackled, based on their priority. Of particular interest to this Committee, because of the concentration of accessibility needs, is the 2 blocks of Main Street between Minuteman ARC and the Fowler Library and Harvey Wheeler. Unfortunately, this stretch of Route 62 is under the control of the Phase III State plan for upgrades. A copy of Chris' presentation is on file with this Committee.

Meeting adjourned at 6:30.

Notes recorded by David Holdorf, Clerk

Concord Public Works ADA Transition Plan Update



Chris Olbrot, P.E.
Assistant Town Engineer

Concord Public Works
133 Keyes Road
Concord, MA 01742

Telephone: (978) 318-3210



Concord Public Works ADA Transition Plan Update Background

Americans With Disabilities Act (ADA)

- Prohibits discrimination based on disability
- Became law in 1990
- Title II of ADA covers Public Services
 - Prohibits discrimination related to disabilities by all public entities at the local and state level
 - Applies to local and State departments and agencies, including those which do not receive Federal funding

➤ Three sets of Design Standards:

- 2010 ADA Standards for Accessible Design – Buildings, Parking Lots, Sites.
- Public Right-Of-Way Accessibility Guideline (**PROWAG**)
 - Not formally adopted
 - FHWA considers it the best practice for the nation's public right-of-ways
- Massachusetts Architectural Access Board (AAB) (CMR 521)





Concord Public Works ADA Transition Plan Update Transition Plan

Adaptive Environments Assessment of Properties Policies and Procedures for Accessibility (2006) Transition Plan

- ✓ Section VII – Review of Pedestrian Realm
 - Discussed non conforming areas.
 - Focus aimed at the Downtown Area
 - General Comments
 - Missed many ROW components
- ✓ Public Works has undertaken updates to portions of the Town Transition Plan.
 - Focus on facilities within ROW based upon updated PROWAG standards
 - Capture CPW Roads and Sidewalk Program efforts and the DPLM Parking Plan



Existing Condition: Walkway of pedestrian route exceeds the maximum slope permitted.

Minimum Compliance: The running slope of walking surfaces shall not be steeper than 3.00% (1:20). The cross slope of a pedestrian access route shall be 2.00% (1:50) maximum (ADAAG 4.3.3/New ADAAG 403.3/R 301.4.1).

Recommendations: This should be a priority correction to address when capital projects on the pedestrian right of way is planned.



Existing Condition: Pedestrian route compromised by objects in the sidewalk.

Minimum Compliance: The minimum continuous and unobstructed clear width of the pedestrian access route shall be 48 inches (MAAB 22.2/R 301.3.1).

Recommendations: Consider removing objects to provide a minimum clear width of 48 inches in order to provide a continuous unobstructed path through the pedestrian sidewalk. Given the dual demands of pedestrians and traffic, spaces is at a premium. To create a more pedestrian-friendly environment, consider a long-term plan to widen sidewalks and reduce parking to one side.

E2 CURB RAMPS



Existing Conditions: Sides of curb ramp exceed the maximum slope permitted.

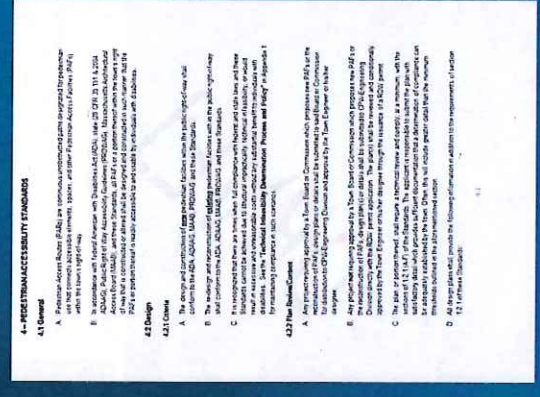
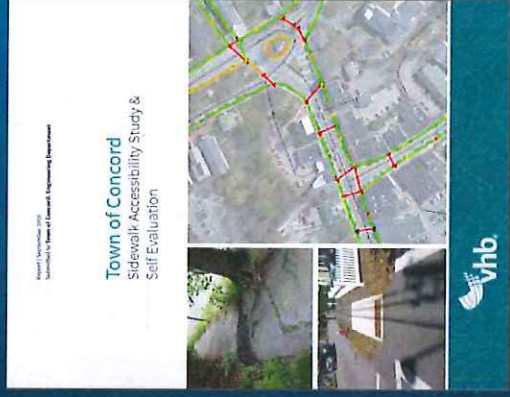
Minimum Compliance: Flared sides with a slope of 10% (1:10) maximum shall be provided where a pedestrian circulation path crosses the curb ramp. (ADAAG 4.7.5/New ADAAG 406.3/R303.2.1-4).

Recommendations: Note that the Town will need to address the requirement for truncated domes at cross walks (See detail at end of this section) and brick may complicate the ability to use most of the truncated dome products on the market.



Concord Public Works ADA Transition Plan Update Transition Plan Components

- I. **Self Evaluation** – CPW had a detailed study completed over the summer of the physical barriers that limit accessibility of individuals with disabilities.
- II. **Concord Public Works – Design and Construction Standards and Details** – D&CSD were revised to include new accessibility standards and Variance Request Policy
- III. **Implementation Schedule** – CPW is in the process of amending the Transition plan with help from community and self verification process
- IV. **Responsible Official** – Kate Hodges, Assistant Town Manager
- V. **Public Participation** – CPW handed out questionnaires and hoping public meetings will provide input from the community





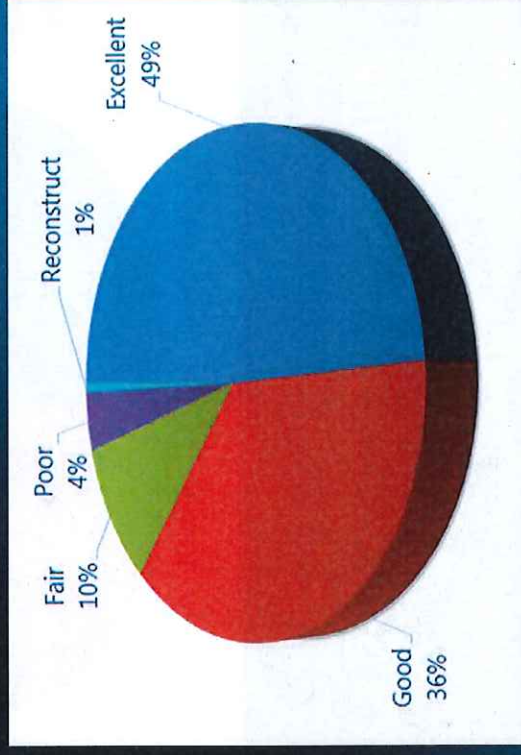
Concord Public Works ADA Transition Plan Update Self Evaluation Areas

1. Curb Ramps & Blended Transitions

- Slope Requirements
 - (Ramp, Flare, Approach, Landing)
- Placement Requirements
- Width Requirements
- Level Landing
- Detectable Warning Panel



Self Evaluation Results



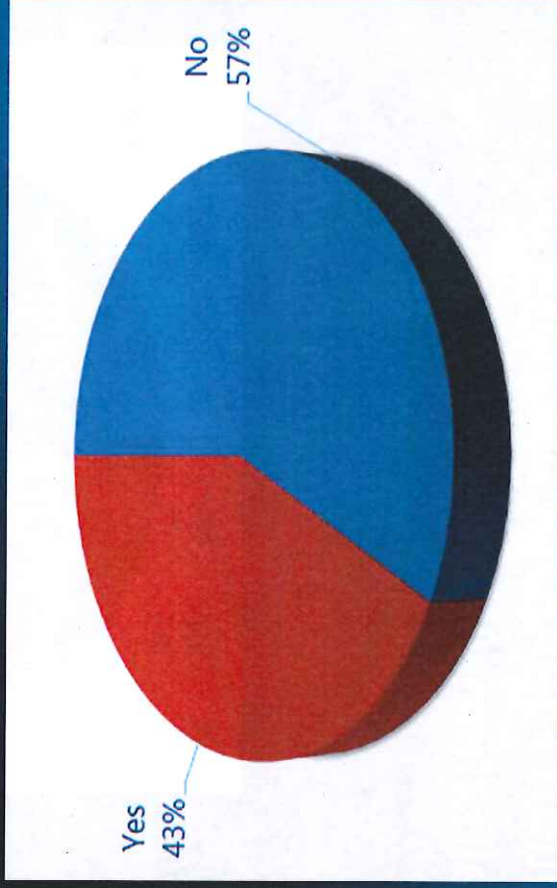


Concord Public Works ADA Transition Plan Update Self Evaluation Areas

1. Curb Ramps & Blended Transitions (Detectable Warning Surfaces)

- Required at all curb ramps, blended transitions and at grade train crossings
- Detectable warnings are a “replacement” cue to indicate location of the street for people with low vision.
- Visually contract with sidewalk (light on dark or dark on light)
- CPW utilizes a cast iron plate in a concrete ramp or transition.

Self Verification Results

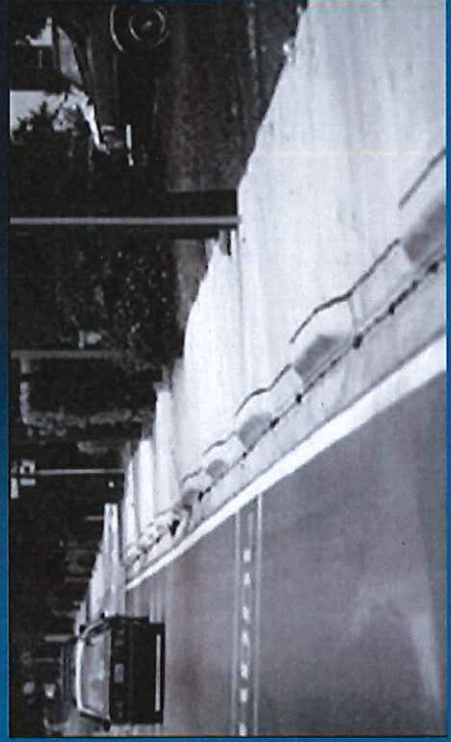




Concord Public Works ADA Transition Plan Update Self Evaluation Areas

2. Pedestrian Access Routes (Sidewalks)

- 4' Minimum Clearance
- Smooth Surface
- 2% Max Cross Slope
- Continues Across Driveways

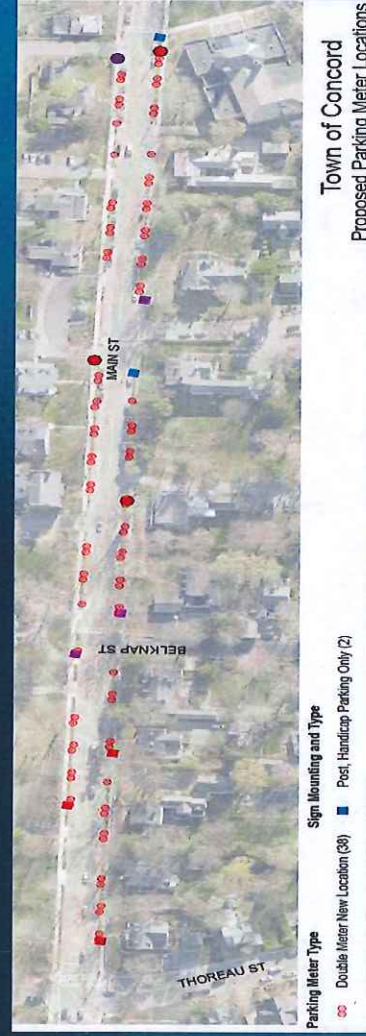
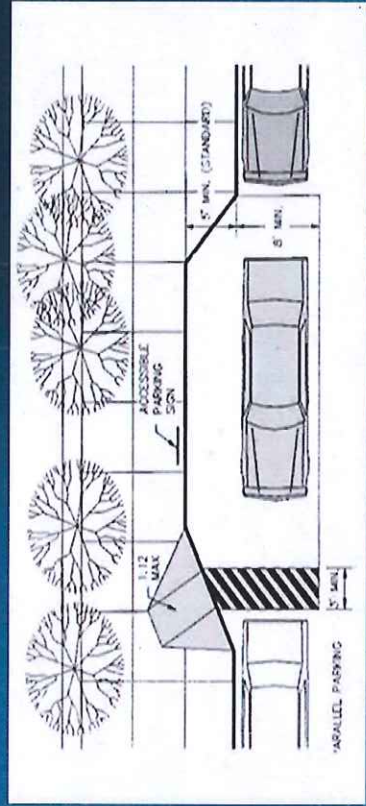




Concord Public Works ADA Transition Plan Update Self Evaluation Areas

3. On-Street Parking Spaces

- “Wide” Sidewalks (ROW 14’ Wide) - Provide 5’ “Access Aisle”
- “Narrow” Sidewalks - Locate at end of block face
- Requirements on number of accessible spaces based on total number of metered or delineated spaces. (Same for *Parking Lots*)
- Parking meter and pay stations equipment for on-street spaces must be accessible
- Cross slope requirements, curb ramp connectivity
- **Adding 8 new spaces with the DPLM Parking Plan**



Concord Public Works ADA Transition Plan Update Self Evaluation Areas



4. Accessible Pedestrian Signals (APS)

- Provide information in non-visual formats:
 - Audible tones
 - Vibro-tactile surfaces
- Properly site push buttons
 - Within 6' of curb (MUTCD)
 - Separated by 10'
- Dovetail curb ramps and crossing standards

Intersections

- Main/Thoreau updated
- Sudbury/Thoreau updated
- Pine/Church is in the queue
- Comm/Main to be done with BFRT

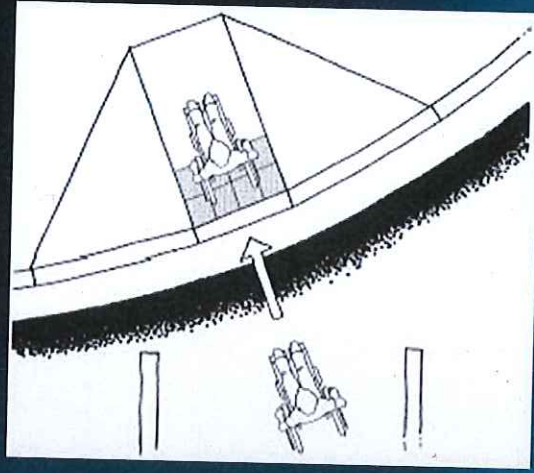




Concord Public Works ADA Transition Plan Update Implementation Schedule

- **Self Evaluation Summer 2016**
 - ✓ Completed
- **Update Transition Plan Fall 2016**
 - ✓ Community Feedback and Input
 - ✓ Identify funding sources
 - ✓ Develop implementation schedule
 - ✓ Prepare Transition Plan Binder under separate cover to keep most up to date information on individual items (e.g. ramps as existing and replaced)
- **Update Design and Construction Standards and Details Fall 2016**
 - ✓ Completed and to be adopted by PWC
- **Public outreach and Public Meeting in October for PWC**
 - ✓ ADA Policy/Transition Plan and Updated Standards/Details for PWC adoption
 - ✓ Meet public outreach requirements for transitions plans

Concord Public Works ADA Transition Plan Update Questions



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Town Engineer

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Assistant Town Engineer

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