

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC FACILITIES COMMITTEE REPORT

WEDNESDAY, JUNE 20, 2012

Present: Ald. Salvucci (Chairman), Lennon, Albright, Crossley, Danberg, Laredo, and Lappin
Absent: Ald. Gentile

Also present: John Daghlian (Associate City Engineer), Lou Taverna (City Engineer), Jim Danila (Transportation Engineer), Clint Schuckel (Transportation Director), Dave Turocy (Commissioner of Public Works), Maciej Konieczny (Project Manager, Public Buildings Department), and Josh Morse (Director of Operations; Public Buildings)

#168-12 NSTAR ELECTRIC petitioning for a grant of location to install one new manhole and total of 932'± of conduit in the following locations in COLLEGE ROAD:

- Install 205'± of conduit in a northeasterly direction from existing Manhole 22637 located 240' southwest of Quincy Road.
- Install 727'± of conduit in a northeasterly direction beginning at a point 75' northeast of Quincy Road.
- Install one new manhole in College Road to be located in front of 72 College Road. (Ward 7) [05/21/12 @ 3:30 PM]

ACTION: **APPROVED 6-0 (Lennon not voting)**

NOTE: Arletha Wade, NStar Permit Representative, presented the request to install conduit underground in College Road. NStar is undertaking the undergrounding project at the request of Boston College. This project ties into the grant of location given to Boston College for the undergrounding of their duct banks and conduit in College Road in April 2012. If this grant is approved, all the utility poles along College Road will be removed.

The public hearing was opened and Tom Runyon, Representative of Boston College, stated that Boston College supports the petition and is looking forward to completing the utility undergrounding project on College Road. No one else wished to speak for or against the petition and the public hearing was closed. The Department of Public Works has reviewed the petition and recommended approval with the standard street opening conditions. Ald. Crossley moved approval of the item, which carried unanimously.

#179-12 GERALD McDADE, Trustee of the Waltham Street Funding Trust which owns 371 Waltham Street, petitioning for Construction of a Common Sewer and Water Main in PRINCESS ROAD EXTENSION, a proposed subdivision road, the proposed sewer will extend from the existing services on Princess Road easterly 40' ± towards Waltham Street and the Water Main will extend from the existing service in Princess Road 250' ± easterly to the existing water main in Waltham Street. (Ward 3) [06/11/12 @ 4:29 PM]

PETITIONER TO PAY ENTIRE COST

ACTION: APPROVED 6-0 (Lennon not voting)

NOTE: The petitioners' attorney, Franklin Schwartz presented the petition to the Committee. The petition is a request to extend the existing sewer and water mains located in Princess Road to the newly created Princess Road Extension to service the two-lot subdivision recently approved by the Planning Board Acting as the Board of Survey. In addition to the extension of the utilities; the request includes the acceptance of utility easement for Princess Road Extension for the maintenance of the water and sewer mains. The petitioners intend to pay the entire cost associated with the extensions.

The sewer main would be extended from the existing sewer manhole 40' to a newly created manhole in Princess Road Extension. The water main will be extended from the existing water main in Princess Road the length of Princess Road Extension to Waltham Street to create a looped water system to improve water quality and pressure in the area. The Engineering Division of the Department of Public Works has reviewed the grading and utility plan and the easement plan submitted by the petitioner. The public hearing was opened and no one spoke for or against the petition.

Ald. Lappin moved approval of the petition, which carried unanimously.

#169-12 NATIONAL GRID petitioning for a grant of location to install and maintain 100'± of 4" gas main in CARLSON AVENUE, from the existing 4" gas main at House #20 southerly to Dorothy Road and 300'± of 4" gas main in DOROTHY ROAD from the proposed 4" gas main at Carlson Avenue to 34 Dorothy Road. (Ward 8) [05/17/12 @ 1:19 PM]

ACTION: APPROVED 6-0 (Lennon not voting)

NOTE: Dennis Regan, National Grid Permit Representative, presented the request for a grant of location to install gas main in Dorothy Road to provide gas service to 34 Dorothy Road. The Department of Public Works has reviewed the petition and recommended approval with the standard street opening conditions.

The public hearing was opened and Darby Kominik, 52 Dorothy Road, said that she is interested in finding out if it is possible extend the gas main further down the street to service her home. She received notification from National Grid a number of months ago regarding the possible main extension but did not call National Grid. National Grid Community Liaison Victor Santana explained that in order to extend the main further down Dorothy Road, National Grid would need to do an analysis to determine if the extension is feasible. If the extension is feasible, National Grid would need to apply for another grant of location.

Committee members understood the necessity of a separate application should Ms. Kominik decide that she would like gas service to her home. However, the Committee would like National Grid to consider improving the notification to residents of a street where a gas main is being extended to avoid opening the same street twice. With that, Ald. Crossley moved approval of the petition, which carried unanimously.

#188-12 NATIONAL GRID petitioning for a grant of location to install and maintain 52' ± of 4" gas main in CARLSON AVENUE at Dorothy Road southerly to Appleton Circle and 282' ± of 4" gas main in APPLETON CIRCLE from the proposed 4" gas main in Carlson Avenue westerly to 25 Appleton Circle. Ward 8 [06/05/12 @ 2:09 PM]

ACTION: **APPROVED 5-0 (Albright, Lennon not voting)**

NOTE: National Grid Permit Representative Dennis Regan presented the request for a grant of location to extend a 4" gas main into Appleton Circle to provide gas service to 25 Appleton Circle. The public hearing was opened and no one spoke for or against the petition. The Department of Public Works has reviewed the petition and recommended approval with the standard street opening conditions. Ald. Crossley moved approval of the grant of location, which carried unanimously.

#148-12 NATIONAL GRID petitioning for a grant of location to install and maintain a 50" H x 36" W x 17" D utility box (traffic box) to be located on OAK STREET at the proposed regulator station at 81 Oak Street. (Ward 5) [05/11/12 @ 2:14 PM]

ACTION: **APPROVED 5-0 WITH CONDITIONS (Albright, Lennon not voting)**

NOTE: Dennis Regan, National Grid Permit Representative, presented the petition for a utility box to be located in the sidewalk on Oak Street near the intersection of Needham Street. The utility box will complement the newly installed regulator station, which was approved by the Board of Aldermen in November 2011. When the petition for the regulator station was discussed, the Committee requested that National Grid petition for a grant of location for a utility box if required. The new regulator does require a utility box with a 5' telescada pole, which will allow National Grid to operate the regulator remotely. The utility boxes allow National Grid to adjust the regulator and address other issues without opening the street to access the regulator station.

The public hearing was opened and no one spoke for or against the petition. The Committee inquired if there would be any screening of the utility box. National Grid Community Liaison Victor Santana stated that National Grid will do its best to make the box as aesthetically pleasing as possible. It was suggested that the utility box might be a good location for box art as part of the City's Beautify Newton Project. Mr. Santana agreed to work with the City to beautify the utility box.

The Committee also raised concerns related to the siting of the utility box. There is no berm on Oak Street, which means that the box would be installed directly on the sidewalk. If the box is not sited correctly, it could impede pedestrian passage. The City Engineer Lou Taverna stated that the City's Engineering Division will meet with a National Grid representative on site to determine the best location for the utility box.

A motion to approve the petition with the following two conditions was made: 1) National Grid must meet with the City's Engineering Division on Oak Street to site the utility

box; 2) National Grid must paint the utility box a base color. The Committee unanimously voted in favor of the motion.

#147-12 NATIONAL GRID petitioning for a grant of location to install and maintain a 50” H x 36” W x 17” D utility box (traffic box) at the HOMER STREET and GRAFTON STREET intersection at the existing regulator station. (Ward 6)
[05/11/12 @ 2:14 PM]

ACTION: **APPROVED 5-0 (Albright, Lennon not voting)**

NOTE: Dennis Regan, National Grid Permit Representative, explained that the utility box at Homer and Grafton Streets is already installed. The utility box is located on a traffic island. The replacement of the regulator station at Homer and Grafton Streets did not require a grant of location because it was located in the same spot as the old regulator station. National Grid was unaware that the addition of an above ground utility box would require a new grant of location. When National Grid was told that they needed a grant of location, they agreed to petition the City for the grant.

Abutters to the traffic island were not pleased with the addition of the utility box. However, National Grid has worked with the community to make the box more aesthetically pleasing. Plantings have been added to the island to screen the utility box. The neighborhood is pleased with the results.

There was no one present for the public hearing on this item. A motion to approve the grant of location was made and approved unanimously.

#180-12 VERIZON NEW ENGLAND petitioning for a grant of location to install one pole, Pole 358/1-A, on PLEASANT STREET 60’ ± westerly from Centre Street. (Ward 6) [06/11/12 @ 4:00 PM]

ACTION: **APPROVED SUBJECT TO SECOND CALL 5-0-2 (Albright and Lennon abstaining)**

NOTE: Ellen Joy, Verizon Permit Representative, presented the petition for a new pole on Pleasant Street. It is actually NStar that requires the new pole but as Verizon is in control of utility poles located on the south side of the City, they are responsible for petitioning for the new pole. A transformer would be added to the new pole to provide additional electrical service to TD Bank North and three other businesses located on Centre Street in Newton Centre. There is currently not enough electrical supply to the bank and the other businesses, which has resulted in power outages.

Committee members inquired why the transformer could not be located on an existing pole and the feed to the buildings provided through an underground service. Ms. Joy responded that she believed that none of the existing poles could bear the weight of the transformer but she could not be definitive. The Committee would like that information from NStar before the July 9, 2012 Board of Aldermen meeting.

Brenda Jo, TD Bank North contractor, explained that her company and NStar had also looked at putting the transformer on the roof of the bank or on a pad in the alley behind the bank but neither of those options were feasible. TD Bank North is concerned about the power outages as it causes loss of information systems, lights and HVAC in the bank and other businesses and would like to address the outages as soon as possible.

The City Engineer Lou Taverna stated that the City will be milling and paving Pleasant Street this summer and after it is completed there is a five-year moratorium on opening the street. Therefore, if it is possible to run the wires underground, it would need to be done before the City mills and paves Pleasant Street. Although Committee members felt strongly that further information from NStar was needed, they did not want to hold up the paving of Pleasant Street. The Chair suggested that the item could be voted subject to second call to give NStar an opportunity to address the questions before the July 9, 2012 meeting. Committee members asked that the following questions be addressed: 1) an explanation of why the transformer cannot be located on the roof of the bank, 2) an explanation of why the transformer cannot be added to an existing pole, and 3) the cost of undergrounding the wire versus installing the new pole and attaching the transformer.

Ald. Danberg moved approval of the item subject to second call, which carried by a vote of five in favor and two abstaining. Ald. Albright and Lennon were attending other committee meetings and did not hear most of the discussion; therefore, they abstained.

N.B. NStar has submitted the attached letter in response to questions raised during the Committee's discussion of the above item.

#182-12 HIS HONOR THE MAYOR requesting roadway improvements at the intersection of Centre Street at Beacon Street and Cypress Street to be funded through the Mass Works Infrastructure Grant. [06/11/12 @5:51 PM]

ACTION: APPROVED 4-2 (Lappin, Salvucci opposed; Albright not voting)

NOTE: Jim Danila presented the request for approval of traffic improvements at the Centre and Beacon Streets intersection and the Centre and Cypress Streets intersection to be funded through the Mass Works Infrastructure Grant received as part of the Chestnut Hill Square Development. Mr. Danila reviewed the attached presentation on the traffic improvements with the Committee.

The changes to the Centre Street and Beacon Street intersection include the expansion of the existing traffic island to create a pedestrian refuge. The island expansion also allows the relocation of a crosswalk on Beacon Street to reduce the crossing distance. The relocated crosswalk will be moved closer to the Beacon and Centre Street intersection and connect to the expanded traffic island. A new raised crosswalk will be installed from the island across the right-hand turn onto Beacon Street. The addition of the raised crosswalk will slow drivers and make pedestrians more visible to drivers making the right hand-turn. All of the improvements will enhance pedestrian safety at that intersection. In addition, there will be a change to the curb line on Cypress Street by decreasing the radius of the two corners at Cypress Street as it meets Centre

Street. The decrease will slow traffic turning in and out of Cypress Street and reduce the crossing length for pedestrians.

There was some concern that the relocation of the crosswalk on Beacon Street would create a dangerous situation for pedestrians if a car missed the right-hand turn lane and opted to make the right turn after the island. Mr. Danila explained that the corner of the island would be very sharp making it difficult to make the right-hand turn. Moreover, the signals at the Centre and Beacon Street intersection will be changed and will include arrows directing traffic to continue straight on Centre Street.

Ald. Lappin inquired if the Fire Department had reviewed the location of the raised crosswalk and its possible impact on emergency vehicles. Mr. Danila responded that the Fire Department had not seen the plan. Ald. Danberg stated that it is unlikely that an emergency vehicle would be coming in that direction, as Fire Station #3, which services Newton Centre, is located in the other direction. Ald. Danberg added that the Ward 6 Aldermen have met with the Traffic Engineers and are convinced that the changes will improve both pedestrian and vehicular safety in the area of the intersections. With that, Ald. Danberg moved approval, which carried by a vote of four in favor and two opposed. Ald. Lappin and Salvucci voted in opposition as they are not in favor of the installation of raised devices in the City's roadways.

#173-11 ALD. DANBERG AND BLAZAR requesting a raised crosswalk on Cypress Street in the vicinity of 280 Cypress Street, in association with modifications to the Bowen Elementary School entrance, as approved on May 26, 2011 in Traffic Council (TC20-11), and to be paid for through MassDOT's Safe Routes to School Infrastructure Program. [05-27-11 @ 10:53 AM]

ACTION: **APPROVED 5-1 (Salvucci opposed; Albright not voting)**

NOTE: Transportation Engineer Jim Danila presented #173-11 and #174-11 together as they are both related to the Bowen Elementary School and part of the Mass DOT's Safe Routes to School Infrastructure Program. He began the discussion with the attached PowerPoint presentation. The Mass Department of Transportation's Safe Routes to School Infrastructure Program projects are fully funded through the United States Department of Transportation. The City's Planning Department began working with Mass DOT and the Bowen neighborhood to address concerns with pedestrian safety around the Bowen School in 2008. After reviewing various options, petitions for a raised crosswalk at the entrance to the Bowen Elementary School and a raised device on Cypress Street near Bow Road were submitted to Traffic Council along with a request for a blue zone in front of the school. The Traffic Council discussed the requests in May 2011 and recommended that one of the Ward 6 Alderman docket requests for a raised crosswalk and a raised device.

Representatives of the Mass DOT's Safe Routes to School Infrastructure Program held a design public hearing on April 25, 2012 at the Bowen School to present the plans to the community. The plans included the installation of a raised crosswalk aligned with the front door of the school, a crosswalk across the school driveway, curbing and landscaping improvements in the area of the school driveway. At the meeting, the Mass DOT rejected the raised device at its

proposed location as it was too close to the raised crosswalk and the vehicle speeds on Bowen Street do not warrant a raised device. However, after testimony from the community that speeding is a problem on Cypress Street, they agreed to consider a raised device further to the north of the school on Cypress Street. The new location on Cypress Street would impact emergency vehicles heading to the school and the speed data taken for Cypress Street do not show a need for a raised device. The Traffic Division of Public Works does not believe that the raised device is warranted.

If the projects were not fully funded, it is unlikely that they would be priority projects for the City. Committee members pointed out that although the project was fully funded there are maintenance and employee time costs associated with the project. The Engineering Division of Public Works had dedicated time to the project and will continue to work on rights of entry for the projects, which does ultimately cost money.

Ald. Danberg moved approval of raised crosswalk as requested in Docket Item #173-11, which carried by a vote of five in favor and one opposed. Ald. Salvucci voted against the raised crosswalk, as he is not in favor of any type of raised device in the roadway.

Ald. Danberg moved denial of the raised device (Docket Item #174-11), which carried by a vote of five in favor and one opposed. Ald. Lennon voted against denial as he is in favor of putting in devices to slow traffic around elementary schools. He pointed out that the Fire Department is not always opposed to raised devices.

#174-11 ALD. DANBERG AND BLAZAR requesting a raised device on Cypress Street near Bow Road recommended by the Traffic Engineer and approved by the Traffic Council (TC22-11) on May 26, 2011. [05-27-11 @ 10:53 AM]

ACTION: **DENIED 5-1 (Lennon opposed; Albright not voting)**

NOTE: See the above note for information on this item.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#114-12 HIS HONOR THE MAYOR requesting authorization to appropriate the sum of three hundred thousand dollars (\$300,000) from bonded indebtedness for the purpose of funding Phase I of a multi-phase project for energy efficiency upgrades at multiple buildings. [04-09-12 @ 7:04 PM]

ACTION: **APPROVED AS AMENDED 6-0 @ 500K (Albright not voting)**

NOTE: Public Buildings Director Josh Morse and Project Manager Maciej Konieczny presented the request. The item was previously discussed on May 23, 2012 and held for review and a vote by the School Committee. Mr. Morse requested that the item be amended to increase the funding to \$500,000 for Phase I of the of a \$1,500,000 project for energy efficiency upgrades at a number of city buildings. The original request was for \$300,000 for upgrades at the Cabot Elementary School. Since the original request was made, the project scope at the Cabot School has been reduced, as there is likelihood that the Cabot Elementary School will be replaced or

renovated in the next few years. Due to the reduction in scope at the Cabot, it was determined that the Newton Free Library should be added to Phase I of the project.

The energy upgrades will be done in collaboration with NStar through its Preferred Vendor Program. The upgrades to the City's energy systems will also address some of the backlog of deferred maintenance in the process. The estimated cost of the upgrades at the library is \$300,960 and at the Cabot Elementary School the cost is estimated to be \$170,340. The projects are cost neutral over the term of the bond. The expected blended payback for the energy upgrades at the main library is between eight and ten years and the expected blended payback at the Cabot School is expected to be approximately four years.

The work is expected to begin as soon as the funding is approved. The School Committee is supportive of the project and the work at Cabot Elementary School can be done during the school year. The work at the library will address capital needs related to the HVAC system at the main library and the library director is very much in favor of the upgrades.

The Public Buildings Department is currently working on the next phase of the project and expect to be back in the late summer or early fall with a request to fund the next phase of the project. With that, Ald. Crossley moved approval of the item as amended, which carried unanimously.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#108-12 **HIS HONOR THE MAYOR** requesting authorization to appropriate the sum of three hundred twenty thousand dollars (\$320,000) from bonded indebtedness for the purpose of funding design and Phase I construction and administration for replacement of a portion of the roof and repair of exterior masonry at the welding shop at the Crafts Street Garage. [04-09-12 @ 3:40 PM]

ACTION: **APPROVED AS AMENDED 6-0 @ 260K (Albright not voting)**

NOTE: Director of Operations Josh Morse presented the request for funds to address structural problems with the Craft Street Garage. The project is listed in the Fiscal Year 2013 Capital Improvement Plan. Mr. Morse requested that the request be reduced from \$320,000 to \$260,000. The Public Buildings Department has determined that the project should be done in two phases spread over two years. The first phase will include the roof replacement design and addressing the structural and masonry issues at the building. The second phase will be presented in Fiscal Year 2014 and will be the funding for the roof replacement.

Mr. Morse provided the attached photos of the damage done to the building as a result of the building settling. The settling is confined to one area of the building but has resulted in a significant crack where the welding shop meets the building. The plan is to determine if the welding shop has finished settling. If it has finished, the masonry repairs may be minor but if it is not done settling then significant steps need to be taken to correct the structural issue. It does not make sense to replace the leaking roof until the masonry and structural repairs are complete.

The Committee members discussed the possibility of splitting the item and only approving the design funds. Mr. Morse pointed out that if the item is split it could create delays in the first phase of the project. Mr. Morse assured the Committee that he will keep the Committee informed and provide the results of the structural engineering tests and other related information before proceeding to address any issues. Ald. Crossley moved approval as amended, which carried unanimously.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#107-12 HIS HONOR THE MAYOR requesting authorization to appropriate the sum of two hundred fifty-two thousand dollars (\$252,000) from bonded indebtedness for the purpose of funding the design and repair of masonry and related surfaces at the Public Works Utilities Building. [04-09-12 @ 3:40 PM]

ACTION: **APPROVED AS AMENDED 5-0 (Albright, Crossley not voting)**

NOTE: Director of Operations Josh Morse presented the request for funds to repair the masonry at the City's utilities building on Elliot Street. The project is listed in the Fiscal Year 2013 Capital Improvement Plan. Mr. Morse requested that the Committee amend the item by changing the funding source from bonded indebtedness to utility enterprise accounts. Mr. Morse explained that the state law allows work directly related to utility operations including building repair to be financed through the enterprise accounts.

Mr. Morse provided the attached photos of the damage resulting from water infiltration due to the fragmented masonry. The repair of the building includes repointing exterior masonry, removing and replacing the parapet cap flashing, and resealing the roof seams. In addition, the funding will address repairs to the area above the former location of a scale, where the water damage has created a hazardous work environment.

The Committee voted to unanimously support a motion to approve the item as amended by changing the funding source from bonded indebtedness to enterprise fund accounts.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#104-12 HIS HONOR THE MAYOR requesting authorization to appropriate the sum of three hundred thousand dollars (\$300,000) from bonded indebtedness for the purpose of design and installation of an accessible ramp and renovations to the City Hall Veterans' Wing. [04-09-12 @ 2:48 PM]

ACTION: **APPROVED 5-0 (Albright, Crossley not voting)**

NOTE: Josh Morse, Director of Operations, reviewed the request for funds to be used to install an accessible ramp and renovate the Veterans' Wing of City Hall. The project was added to the Fiscal Year 2013 Capital Improvement Plan. The renovations will benefit both veterans and citizens.

The Veterans' Wing is in tough shape and there are a number of life safety issues and code violations. The project will include upgrades to life safety equipment and signage, plumbing improvements, mechanical system upgrades, repairs to the masonry and windows, and

accessibility upgrades including a ramp and accessible door hardware. In addition there will be a space reconfiguration of the Veterans' Wing in order to provide useable space for the Health Department to relocate to the wing. The Veterans' Agent will remain in the same space and the disabled veteran's space will not be relocated as a result of the Health Department's move. The accessible ramp will be installed where the current stair lift is located and will be fully compliant with the Architectural Access Board requirements.

There are a number of rooms in the Veterans' Wing that are currently being used for storage of materials related to veterans such as uniforms, helmets, photos and other materials. These items will be inventoried and relocated or displayed in City Hall. The Public Buildings Department is planning to work with Ald. Merrill to inventory the items. The City has walked the Veterans' Wing former veterans and the Veterans' Agent and they are comfortable with the plans for the space. The Health Commissioner has also reviewed the floor plan for the renovated space and is happy with the plan. With that, the Committee voted to recommend approval of the item, which carried by a vote of five in favor and none opposed.

Respectfully submitted,

Anthony J. Salvucci, Chairman



200 Calvary Street
Waltham, Massachusetts 02453

June 28, 2012

Board of Aldermen
City Hall
1000 Commonwealth Ave
Newton, Ma 02159

Re: TD Bank 1197 Centre Street, Newton

Dear Board of Aldermen per your questions pertaining to TD Bank here are your answers.

Questions from City of Newton:

"Why can't this service go on an existing pole?"

The poles in the area have too much existing equipment, leaving no physical room to mount the necessary transformer and connect it to the primary with the proper safety clearances. We investigated installing this transformer farther away from the building on another existing pole, but this was also not feasible. The distance between the transformer and the building will result in low voltage issues for our customer.

"Why can't you put the transformer on the building?"

This violates the National Electrical Safety Code.

"Why can't it go underground?"

For this particular installation, there is no room on private property for a padmount transformer and the existing underground infrastructure in this area is not robust enough to handle the electrical demand of this building.

Sincerely

A handwritten signature in black ink, appearing to read "Ken Rice", written over a horizontal line.

Ken Rice, Lead Engineer
System Engineering – Waltham

KR/aw

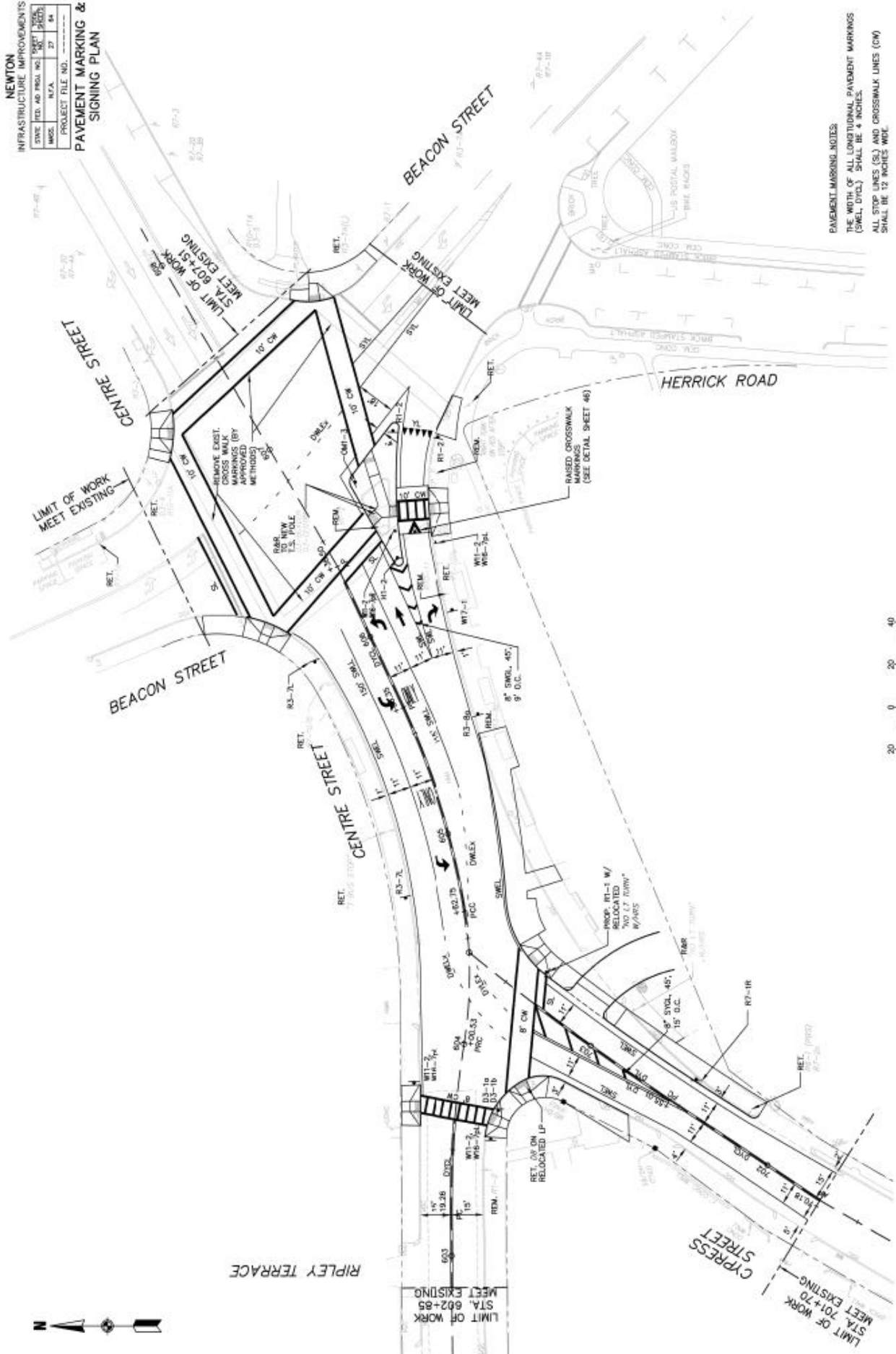
#182-12

Requesting roadway improvements at the intersection of Centre Street at Beacon Street and Cypress Street to be funded through the Mass Works Infrastructure Grant.

NEWTON
INFRASTRUCTURE IMPROVEMENTS

DATE	REV.	BY	NO.	DESCRIPTION
05/20/14	1	WCA	1	ISSUED FOR PERMIT
05/20/14	2	WCA	2	REVISED PER PERMIT
05/20/14	3	WCA	3	REVISED PER PERMIT
05/20/14	4	WCA	4	REVISED PER PERMIT
05/20/14	5	WCA	5	REVISED PER PERMIT
05/20/14	6	WCA	6	REVISED PER PERMIT
05/20/14	7	WCA	7	REVISED PER PERMIT
05/20/14	8	WCA	8	REVISED PER PERMIT
05/20/14	9	WCA	9	REVISED PER PERMIT
05/20/14	10	WCA	10	REVISED PER PERMIT
05/20/14	11	WCA	11	REVISED PER PERMIT
05/20/14	12	WCA	12	REVISED PER PERMIT
05/20/14	13	WCA	13	REVISED PER PERMIT
05/20/14	14	WCA	14	REVISED PER PERMIT
05/20/14	15	WCA	15	REVISED PER PERMIT
05/20/14	16	WCA	16	REVISED PER PERMIT
05/20/14	17	WCA	17	REVISED PER PERMIT
05/20/14	18	WCA	18	REVISED PER PERMIT
05/20/14	19	WCA	19	REVISED PER PERMIT
05/20/14	20	WCA	20	REVISED PER PERMIT
05/20/14	21	WCA	21	REVISED PER PERMIT
05/20/14	22	WCA	22	REVISED PER PERMIT
05/20/14	23	WCA	23	REVISED PER PERMIT
05/20/14	24	WCA	24	REVISED PER PERMIT
05/20/14	25	WCA	25	REVISED PER PERMIT
05/20/14	26	WCA	26	REVISED PER PERMIT
05/20/14	27	WCA	27	REVISED PER PERMIT
05/20/14	28	WCA	28	REVISED PER PERMIT
05/20/14	29	WCA	29	REVISED PER PERMIT
05/20/14	30	WCA	30	REVISED PER PERMIT
05/20/14	31	WCA	31	REVISED PER PERMIT
05/20/14	32	WCA	32	REVISED PER PERMIT
05/20/14	33	WCA	33	REVISED PER PERMIT
05/20/14	34	WCA	34	REVISED PER PERMIT

PAVEMENT MARKING &
SIGNING PLAN



PAVEMENT MARKING NOTES
THE WIDTH OF ALL LONGITUDINAL PAVEMENT MARKINGS (SWEL, DYCL.) SHALL BE 4 INCHES.
ALL STOP LINES (SL) AND CROSSWALK LINES (CW) SHALL BE 12 INCHES WIDE.

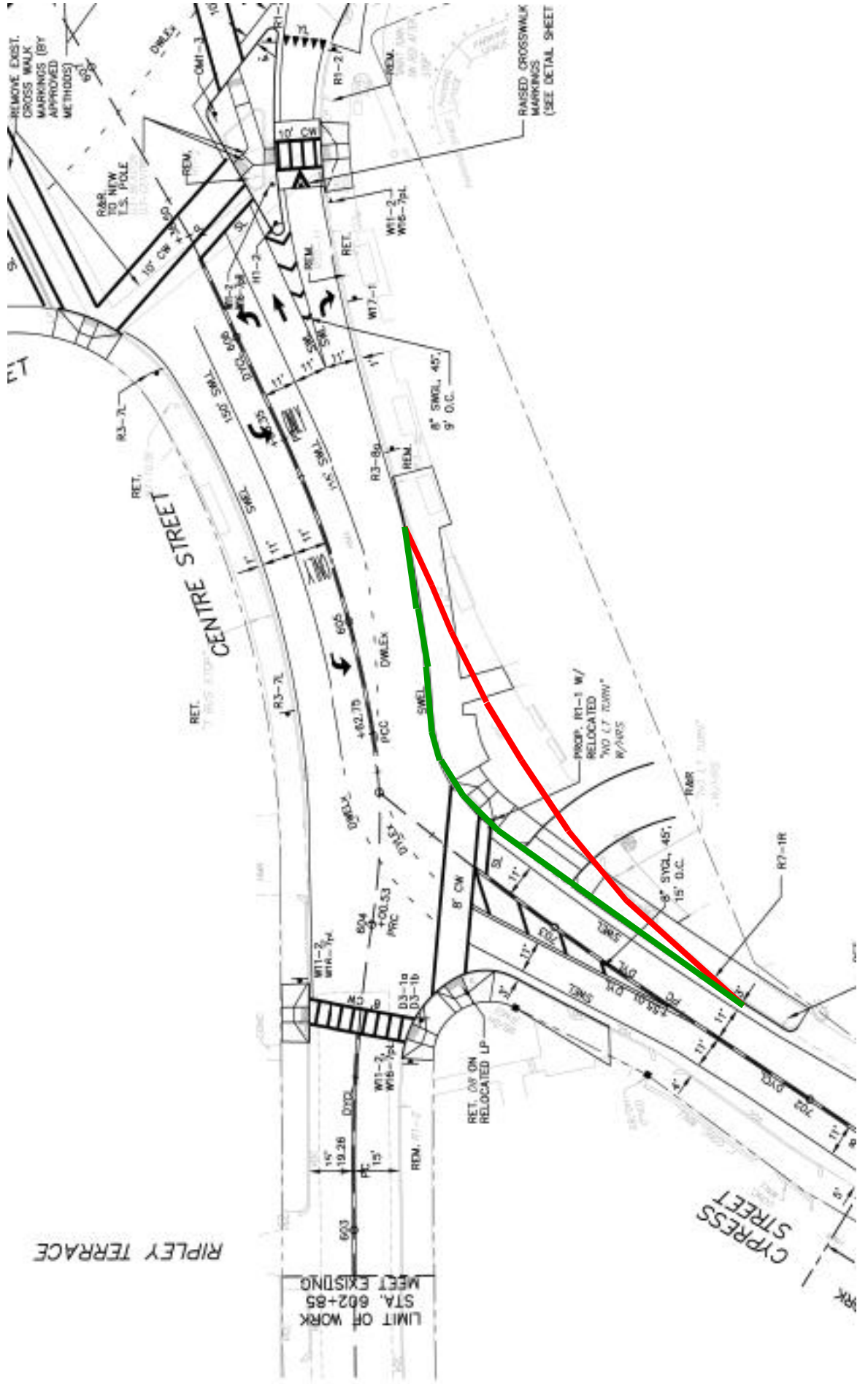
Project Goals

- Increase safety for all road users.
- Decrease traffic delays through Newton Centre.
 - Improved signal timing.
- Decrease delays for pedestrians who want to cross the street.
 - Add concurrent pedestrian phasing.
- Reduce traffic speeds through intersections.

Benefits of proposed changes

- **Enlarging the island:**
 - Reduces crossing distance and delays for pedestrians.
 - Provides opportunity to add a raised crosswalk across right-turn lane.
- **The raised crosswalk:**
 - Increases safety for all users by slowing traffic through turn.
 - Makes pedestrians more visible to approaching drivers.

Changes to Centre/Cypress



Benefits of proposed changes

- Decreasing corner radius:
 - Slows speed of traffic turning in and out of Cypress Street.
 - Reduces crossing length for pedestrians.
 - Provides additional green space for landscaping.

Board Action Needed

- Approval of enlarged traffic island on Beacon Street at Centre Street.
- Approval of raised crosswalk on the northbound right-turn lane on Beacon Street at Centre Street.
- Approval of modification to curb line on Cypress Street at Centre Street.

#173-11

Requesting a raised crosswalk on Cypress Street in the vicinity of 280 Cypress Street, in association with the modifications to the Bowen Elementary School entrance, as approved on May 26, 2011 in Traffic Council.

#174-11

Requesting a raised device on Cypress Street near Bow Road recommended by the Traffic Engineer and approved by the Traffic Council on May 26, 2011.



MASSACHUSETTS

Safe Routes to School

[Mass.gov/MassDOT/SafeRoutes](https://www.mass.gov/MassDOT/SafeRoutes)

- 100% federally funded through USDOT.
 - Planning, design, and construction administered by MassDOT.
 - 485+ Schools participate throughout the Commonwealth.
 - Impacts >220,000 children annually.
-

Bowen School SRTS Timeline

- Project initiated in 2008.
- Infrastructure Assessment submitted on September 30, 2010.
- Traffic Council approval on May 26, 2011.
- 25-75% Plans submitted in November, 2011.
- Design Public Hearing held at the Bowen School on April 25, 2011.
- 100% Plans submitted on May 31, 2012.
- Final PS&E submission scheduled for July, 2012.
- Project will be advertised for construction in late summer, 2012.
- Construction will take place in 2013.

Parker Street Improvements

- New pedestrian hybrid signal and crosswalk.
- New sidewalk (~75q) on Athelstane Road, connecting to existing sidewalk network.
- *These items do not need to be approved by the Board.*

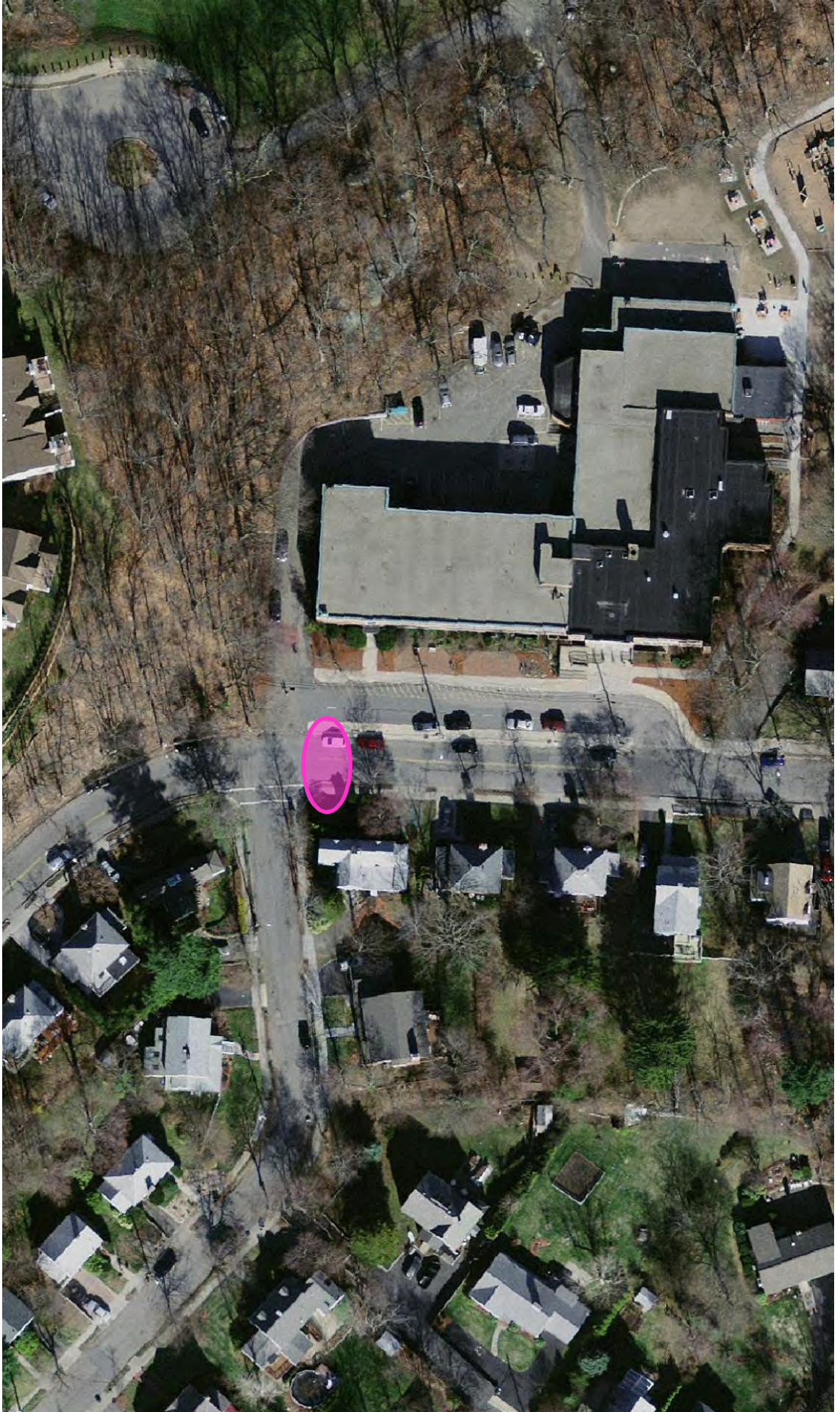
Cypress Street Improvements

- New raised crosswalk, aligned with front door of school.
- New painted crosswalk across school driveway.
- Curbing and landscaping improvements adjacent to school driveway.

Typical Raised Crosswalk



Additional Raised Device



Typical Speed Hump



2nd Raised Device

- Recommended for approval by Traffic Council.
 - Proposed location would not disrupt emergency vehicle access to school.
 - Would still require Board approval.
- MassDOT rejected the device in the 100% design.
 - Does not meet minimum spacing guidelines.
 - MassDOT did not view speed data warranted installing a device that did not meet these guidelines.

Cypress Street Speed Data

- Speed Limit: 30 mph.
 - During School Zone times: 20 mph.
- Median Speed: 20 mph.
- 85th Percentile Speed: 27 mph.
 - During School Zone times: ~22 mph.

Alternative Location



#173-11 & 174-11

“ Based upon comments at Design Public Hearing, MassDOT would consider a speed hump further to the north.

Options for 2nd Device

- Vote to approve in alternate location.
 - Would be paid for through Safe Routes to School.
 - Would impact emergency vehicles heading to school.
- Vote to deny 2nd Device.
 - Does not meet minimum speed requirements to be installed at a later date using City funding in either location.

Board Action Required

- Approval of raised crosswalk on Cypress Street, aligned with Bowen School's front door. (#173-11)
- Approval or denial of a second raised device on Cypress Street. (#174-11)





#108-12
Crafts St Garage





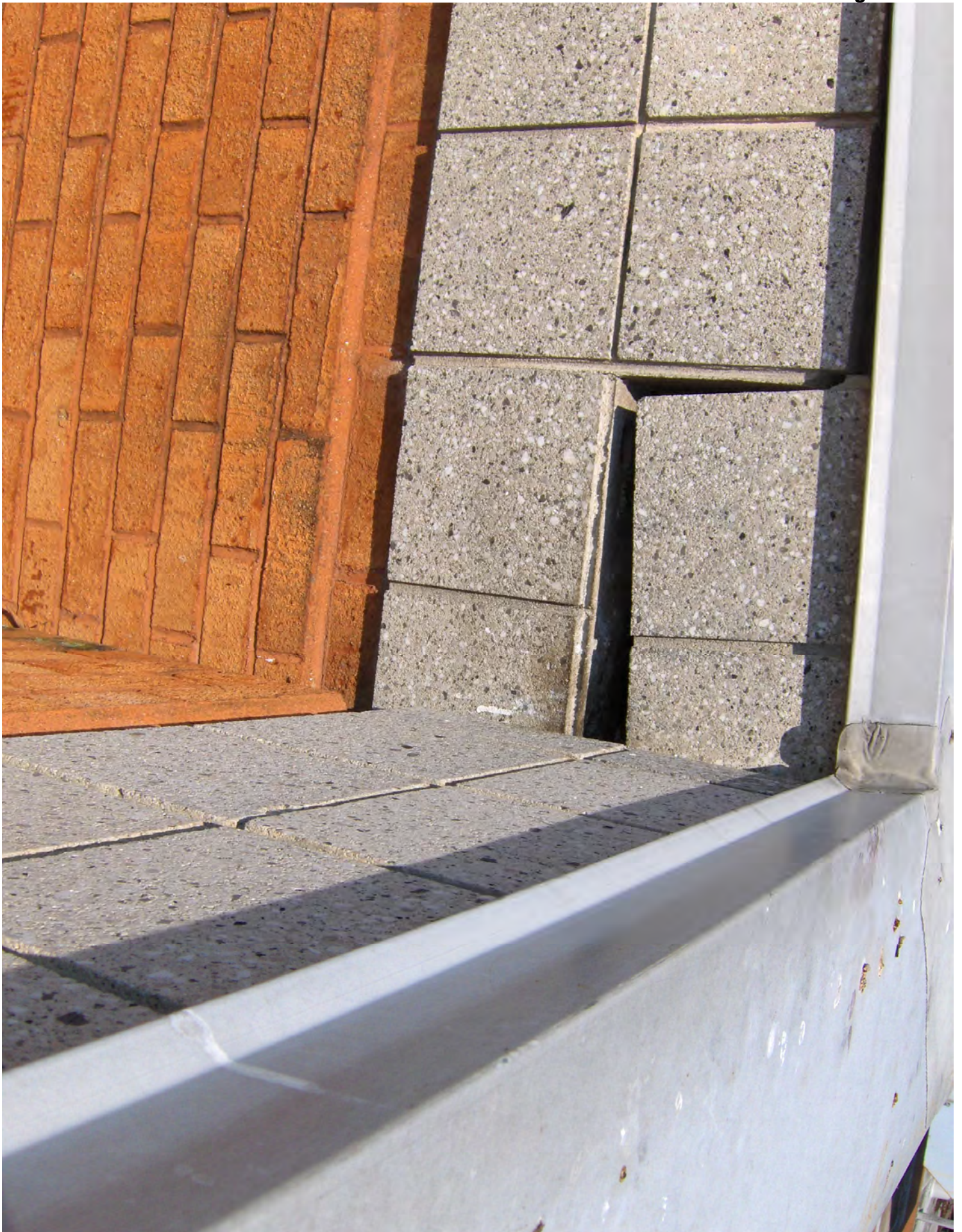
#108-12
Crafts St Garage



#108-12
Crafts St Garage



#108-12
Crafts St Garage



#108-12
Crafts St Garage



#108-12
Crafts St Garage



#108-12
Crafts St Garage





#108-12
Crafts St Garage





#108-12
Crafts St Garage





#107-12
Utility Buildings

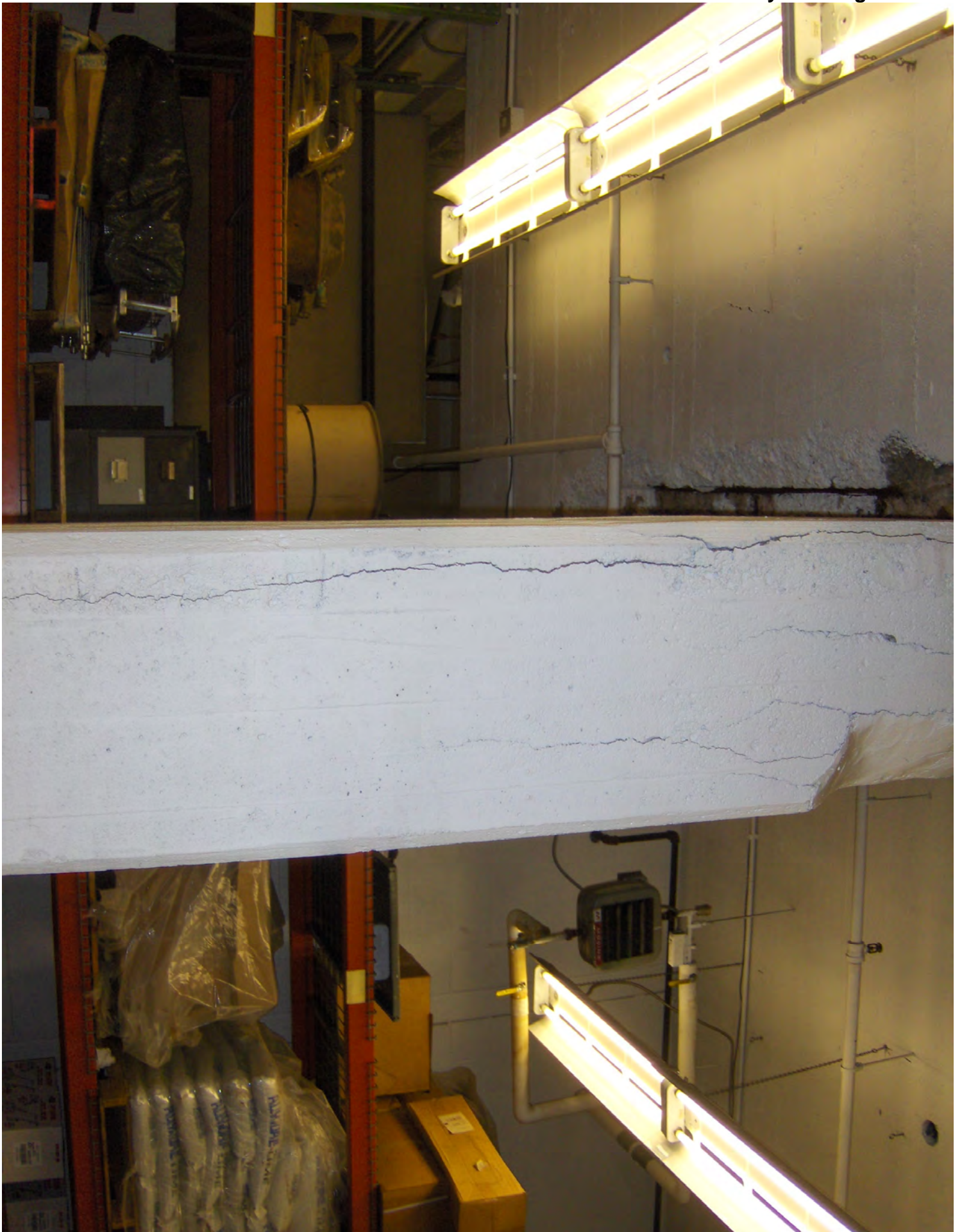




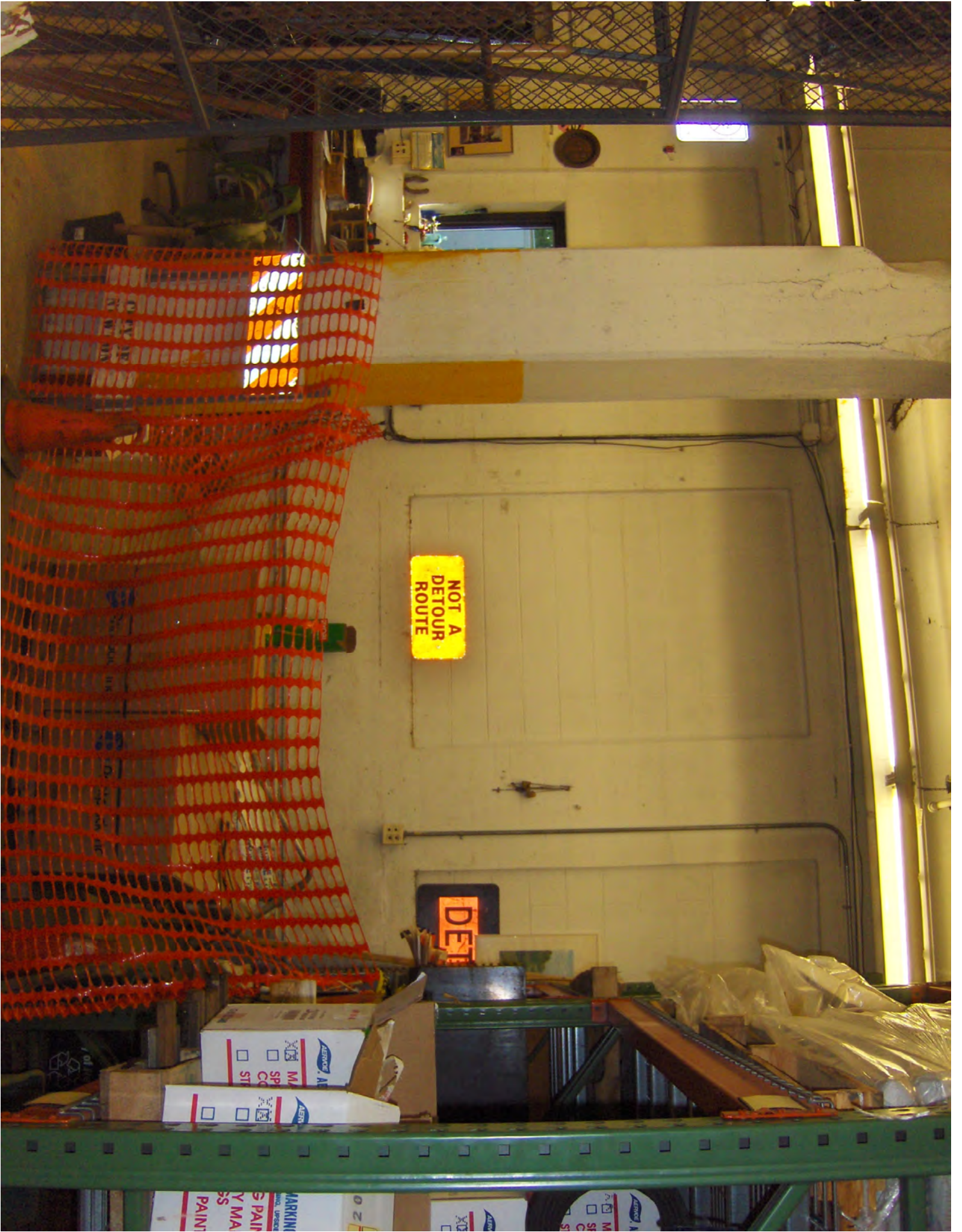








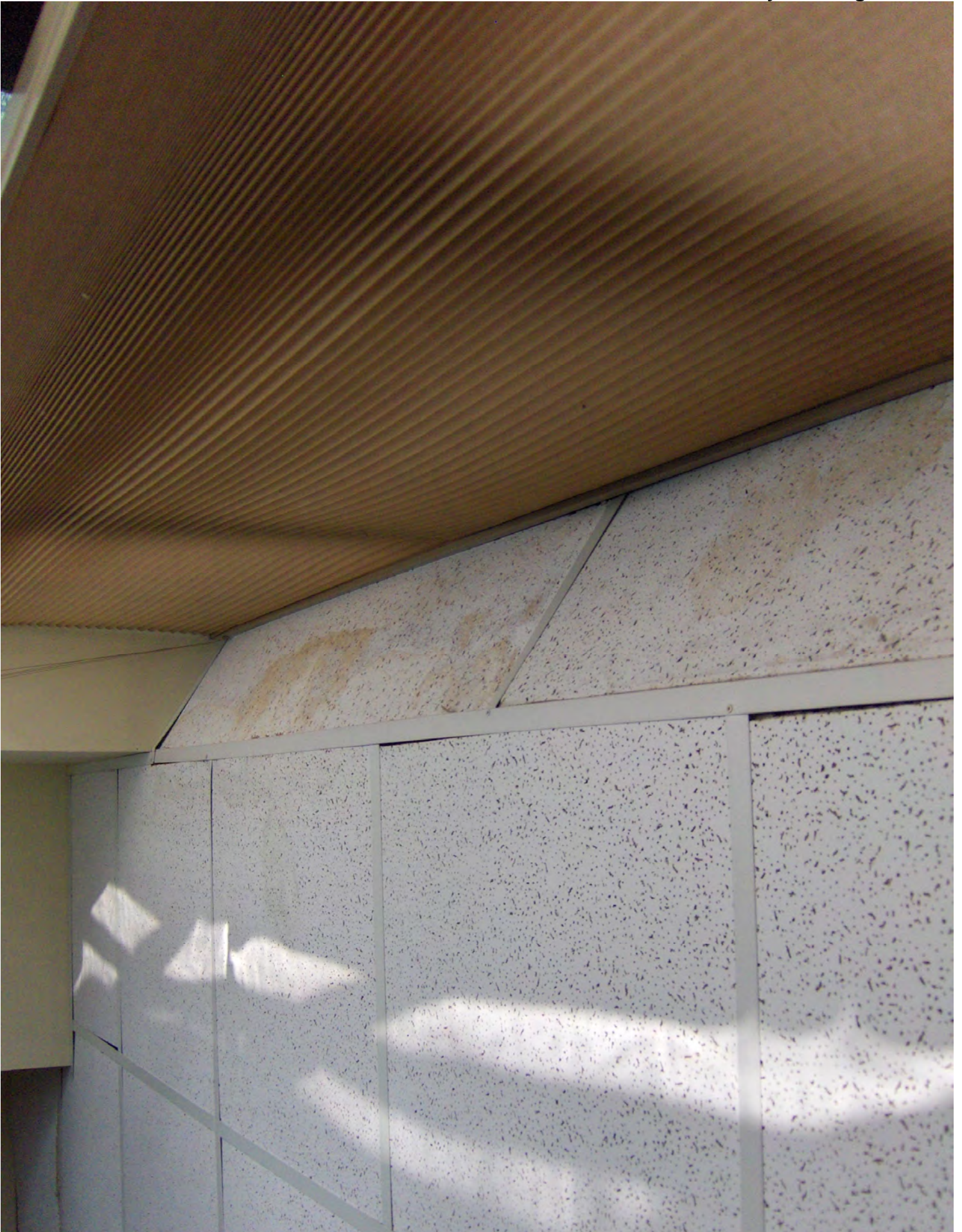






















PREAMBLE TO THE CONSTITUTION
OF THE AMERICAN LEGION
FOR GOD AND COUNTRY WE ASSOCIATE
OURSELVES TOGETHER FOR THE
FOLLOWING PURPOSES

- TO UPHOLD AND DEFEND THE CONSTITUTION OF THE UNITED STATES OF AMERICA.
- TO MAINTAIN LAW AND ORDER.
- TO FOSTER AND PERPETUATE A ONE HUNDRED PER CENT AMERICANISM.
- TO PRESERVE THE MEMORIES AND INCIDENTS OF OUR ASSOCIATIONS IN THE GREAT WARS.
- TO INCUCLCATE A SENSE OF INDIVIDUAL OBLIGATION TO THE COMMUNITY, STATE AND NATION.
- TO COMBAT THE AUTOCRACY OF BOTH THE CLASSES AND THE MASSES.
- TO PROMOTE PEACE AND GOOD WILL ON EARTH.
- TO CAREER FOR AND TRANSMIT TO POSTERITY THE PRINCIPLES OF THE FREEDOM AND DEMOCRACY.
- TO DISSEMINATE AND PROMOTE OUR CAMPAIGN BY OUR DEVOTION TO MUTUAL HELPFULNESS.











