



PRINCETON
MAYOR AND COUNCIL OF PRINCETON
MINUTES • JANUARY 23, 2017

Regular Meeting

Main Council Room

6:00 PM

400 Witherspoon Street, Princeton, NJ 08540

I. STATEMENT CONCERNING NOTICE OF MEETING

The following is an accurate statement concerning the providing of notice of this meeting and said statement shall be entered in the minutes of this meeting. Notice of this meeting as required by Sections 4a, 3d, 13 and 14 of the Open Public Meetings Act has been provided to the public in the form of a written notice. On January 10, 2017 at 9:00 a.m., said notice was posted on the official bulletin board in the Municipal Building, transmitted to the Princeton Packet, the Trenton Times, the Town Topics and filed with the Municipal Clerk.

II. ROLL CALL

The Municipal Clerk then called the roll.

PRESENT: Councilwoman Howard, Council President Crumiller, Councilman Miller, Councilman Liverman, Councilwoman Butler, Councilman Quinn and Mayor Lempert

ABSENT: None

ALSO PRESENT: Marc Dashield, Administrator; Trishka Cecil, Esq., Mason, Griffin & Pierson, Municipal Attorney; Deanna Stockton, Municipal Engineer

III. 6:00 P.M. CLOSED SESSION

1. 17-46 Closed Session

- Litigation - Affordable Housing Declaratory Judgement Action Update
- Matters Requiring Confidential Advice of Counsel Regarding AvalonBay Escrow Charge Challenge

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Jo Butler, Councilwoman
SECONDER:	Bernard Miller, Councilman
AYES:	Howard, Crumiller, Miller, Liverman, Butler, Quinn

IV. 7:00 P.M. OPEN SESSION

V. PLEDGE OF ALLEGIANCE

The audience participated in the pledge of allegiance.

VI. APPROVAL OF MINUTES

1. November 14, 2016

RESULT:	APPROVED [5 TO 0]
MOVER:	Lance Liverman, Councilman
SECONDER:	Jenny Crumiller, Council President
AYES:	Howard, Crumiller, Miller, Liverman, Butler
ABSTAIN:	Quinn

2. November 28, 2016

RESULT:	APPROVED [5 TO 0]
MOVER:	Lance Liverman, Councilman
SECONDER:	Jenny Crumiller, Council President
AYES:	Howard, Crumiller, Miller, Liverman, Butler
ABSTAIN:	Quinn

3. December 5, 2016

RESULT:	APPROVED [5 TO 0]
MOVER:	Lance Liverman, Councilman
SECONDER:	Jenny Crumiller, Council President
AYES:	Howard, Crumiller, Miller, Liverman, Butler
ABSTAIN:	Quinn

VII. ANNOUNCEMENTS

Mayor Lempert announced the monthly Meet the Mayor hours being held January 27, 2017 from 8:30 a.m. to 10:00 a.m. at the Princeton Library.

VIII. COMMENTS FROM THE PUBLIC

Sam Bunting, Dempsey Avenue, presented a petition to Council with over 200 signatures urging Council to settle the current legal action against the New Jersey Council on Affordable Housing that is aimed at limiting and reducing Princeton's future affordable housing obligation. (Petition attached)

Nat Bottigheimer, 26 White Pine Lane, said he supported Mr. Bunting's comments.

IX. RESOLUTION

A motion was made by Ms. Howard to change the order of the agenda to act on Resolution 2017-47 Urging the Acting New Jersey Commissioner of Education to Deny Princeton Character School's Application to Expand. The motion was seconded by Mr. Miller and carried unanimously.

A motion was made by Ms. Crumiller to approve Resolution 2017-47. The motion was seconded by Mr. Liverman.

Mr. Miller made a motion to table Resolution 2017-47. He said he feels Council needs more time to discuss the issue and urges Council to defer the vote on this resolution until a later date. No second on the motion was made.

Ms. Butler recused herself on this issue as she works as an educational consultant who has worked with the Princeton Charter School.

Mayor Lempert opened for public comment.

Larry Patton, Head of School, Princeton Charter School; Mohan Viswanathan, 200 Cherry Valley Road; Shannon Daley-Harris, 58 Dorann Avenue; Bryan Sullivan, 87 Audubon Lane; Blair Ayers, Co-Vice President, Friends of Princeton Charter School Board of Trustees (statement attached), Jill Jachera, 60 Hodge Road, all spoke against Council adopting Resolution 2017-47.

Audrey Chen, 50 Linwood Circle; Laura Weir, 212 Stuart Road East; Steve Cochrane, Superintendent, Princeton Schools; Chris Hedges, 262 Moore Street; Dana Molina, 57 Laurel Road, spoke in favor of Council adopting Resolution 2017-47.

1. 17-47 Resolution Urging the Acting New Jersey Commissioner of Education to Deny Princeton Charter School's Application to Expand

RESULT:	ADOPTED [4 TO 1]
MOVER:	Jenny Crumiller, Council President
SECONDER:	Lance Liverman, Councilman
AYES:	Howard, Crumiller, Liverman, Quinn
NAYS:	Miller
RECUSED:	Butler

Ms. Butler rejoined the meeting at this time.

X. REPORTS

1. October and November 2016 Police Reports

Chief Sutter reviewed with Council the October and November 2016 Police Reports. Chief Sutter also reviewed the re-accreditation process that the Police Department is currently undertaking. He also reported to Council on a new training curriculum the Police Department has started called *Path of the Guardian* which is hosted by the New Jersey State Chiefs of Police. He said that it is a video based system and every week they receive a new video and the curriculum is based on the guidelines of the 21st Century Report on Policing.

Mr. Liverman asked if the bullying program recently held at the Johnson Park School will be held at all the Schools. Chief Sutter said the Safe Neighborhood Unit will make presentations at any school they are invited to.

Ms. Butler asked with the change in the White House how will it affect 21st Century Report on Policing. Chief Sutter replied that the Report is a blue print and strategic plan for any police department and the pillars in that Report are essential in policing and cannot see how they would change.

Ms. Butler asked about recent break-ins. Chief Sutter responded that a night time burglary did take place on Princeton-Kingston Road. He noted for Council a website Raidsonline.com which is a link that populates all crime mapping information in real time.

Ms. Howard said that body camera's did not come up as the highest priority during the goal setting, as it a significant investment and that the Public Safety Committee needs to look at the costs again.

Ms. Crumiller asked about a report from the yourspeedis signs. Chief Sutter responded that he is meeting with Code for Princeton for mapping the information.

Mayor Lempert asked Chief Sutter if he has noted any spike in hate crimes. Chief Sutter responded no.

Mr. Quinn asked Chief Sutter about the meaning of Station House Adjustment. Chief Sutter detailed the process of coming up with a plan for the juvenile to follow and noted that they have found Station House Adjustments to be very effective.

2. Nassau Streetscape Design Standards Final Report

A motion was made by Ms. Butler, seconded by Mr. Liverman and carried unanimously to accept the Nassau Streetscape Final Report.

COUNCIL REPORTS

Councilwoman Howard reported that she, Mr. Quinn and Ms. Butler attended the Martin Luther King, Jr., ceremony at the Princeton University and she said that Mr. Livermans' speech about one community was very moving.

Councilman Miller reported on the current Solar Projects and the Council Finance Committee. (Reports attached). Mr. Miller said from the Council Finance Committee report that two items Council needs to address immediately are implementing a freeze on hiring and on the expenditure of funds on discretionary activities and projects.

Council President Crumiller reported that the Public Transit Committee had been approached about the Historic Dinky Display that New Jersey Transit has displayed in the Dinky Bar that memorializes the old Dinky Station. She said the Public Transit Committee

had been approached to review this display to see if it satisfies the agreement with New Jersey Transit. Ms. Crumiller said that the Public Transit Committee would like the Historic Preservation Commission to take this review up. She also said that part of the MOU between Princeton and Princeton University stipulates for a campaign promoting Dinky ridership, she said the Public Transit Committee supports expanding the campaign to promote all public transit but is unclear who should undertake this task and how will it be paid for.

Mr. Quinn reported that the Civil Rights Commission met for the first time on January 17, 2017. He said that the next meeting will be held on February 28, 2017 where they will begin establishing bylaws and setting goals.

Mayor Lempert, reported that she met with Christine Symington, Sustainable Princeton, who is working on the Sustainable Jersey Recertification and that one category needed for the recertification is to establish a "Creative Council" and that a resolution will come before Council at the next meeting establishing it. She also said she wanted to let Council know about a community calendar website call "Burbio". She said it is a community calendar and that the schools, arts council, and library are on the calendar and that she encouraged people to look at it. Mayor Lempert also thanked the Church of God, New Brunswick, a group of over 60 volunteers that did a clean-up at Marquand Park.

STAFF REPORT

Deanna Stockton, Municipal Engineer, reported that the final bicycle master plan report is prepared and that she is working with Lee Solow, Planning Director, to draft language for the Planning Board Master Plan Committee to consider. She also said that the soil remediation project is out to bid for the former Public Works site on Valley Road and that the bid opening is scheduled for February 16, 2017. She also reported that the Carter Road Bridge is open and the New Jersey Department of Transportation will be pursuing nighttime work approval to relocate aerial utilities for possibly the week of February 13, 2017, Monday through Friday from 10:00 p.m. to 5:00 a.m. Ms. Stockton also said that the Mary Moss Park Playground demolition has been completed and construction documents are expected in the beginning of February. If all is in order, she anticipates going out to bid and that construction may begin in April.

XI. ORDINANCE INTRODUCTIONS

1. 2017-2 An Ordinance by the Municipality of Princeton Abolishing The "General Board For Making Assessments For Local Improvements" and Amending the "Code of the Borough of Princeton, New Jersey, 1974" and the "Code of the Township of Princeton, New Jersey, 1968." (Public Hearing February 13, 2017)

Mayor Lempert read by title the proposed ordinance.

RESULT: INTRODUCED [UNANIMOUS]
MOVER: Jo Butler, Councilwoman
SECONDER: Bernard Miller, Councilman
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

2. 2017-3 An Ordinance by the Municipality of Princeton Regulating No Parking and Two Hour Parking on the East Side of Pine Street and Amending the “Code of the Borough of Princeton, New Jersey, 1974”. (Public Hearing February 13, 2017)

Mayor Lempert read by title the proposed ordinance.

RESULT: INTRODUCED [UNANIMOUS]
MOVER: Jo Butler, Councilwoman
SECONDER: Bernard Miller, Councilman
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

3. 2017-4 An Ordinance by the Municipality of Princeton Regulating No Parking on the North Side of Russell Road between Winant Road and Hun Road, and Amending the “Code of the Township of Princeton, New Jersey, 1968”. (Public Hearing February 13, 2017)

Mayor Lempert read by title the proposed ordinance.

RESULT: INTRODUCED [UNANIMOUS]
MOVER: Jo Butler, Councilwoman
SECONDER: Tim Quinn, Councilman
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

4. 2017-5 An Ordinance by the Municipality of Princeton Regulating No Parking, Two-Hour Parking and Ten Hour Parking on the North Side of Mercer Street between Nassau Street (NJ Route 27) and Edgehill Street, and Amending the “Code of the Borough of Princeton, New Jersey, 1974”. (Public Hearing February 13, 2017)

Mayor Lempert read by title the proposed ordinance.

RESULT: INTRODUCED [UNANIMOUS]
MOVER: Bernard Miller, Councilman
SECONDER: Lance Liverman, Councilman
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

5. 2017-6 An Ordinance by the Municipality of Princeton Regulating No Parking and Two-Hour Parking on Carnahan Place and Amending the "Code of the Township of Princeton, New Jersey, 1968". (Public Hearing February 13, 2017)

Mayor Lempert read by title the proposed ordinance.

RESULT: **INTRODUCED [UNANIMOUS]**
MOVER: Tim Quinn, Councilman
SECONDER: Jenny Crumiller, Council President
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

6. 2017-7 An Ordinance by the Municipality of Princeton Concerning Garbage, Refuse And Recycling And Amending The "Code of the Borough of Princeton, New Jersey, 1974" and the "Code of The Township of Princeton, New Jersey, 1968". (Public Hearing February 13, 2017)

Mayor Lempert read by title the proposed ordinance.

RESULT: **INTRODUCED [UNANIMOUS]**
MOVER: Jo Butler, Councilwoman
SECONDER: Bernard Miller, Councilman
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

7. 2017-8 An Ordinance by the Municipality of Princeton Concerning Home Occupations in Princeton's Residential Districts and Amending the "Code of the Township of Princeton, New Jersey, 1968" and "Code Of The Borough Of Princeton, New Jersey, 1974". (Public Hearing February 27, 2017)

Mayor Lempert read by title the proposed ordinance.

RESULT: **INTRODUCED [UNANIMOUS]**
MOVER: Jo Butler, Councilwoman
SECONDER: Bernard Miller, Councilman
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

XII. CONSENT AGENDA

RESULT: **ADOPTED [UNANIMOUS]**
MOVER: Lance Liverman, Councilman
SECONDER: Jenny Crumiller, Council President
AYES: Howard, Crumiller, Miller, Liverman, Butler, Quinn

1. 17-48 Resolution Authorizing Appointments to Boards, Commissions and Committees

2. 17-49 Resolution Creating the Volunteer Position of Sister City Ambassador
3. 17-50 Resolution Authorizing Tax Assessor To Act As Agent For Princeton For The Purpose Of Filing And Settling Tax Appeals On Behalf Of The Taxing District For The Tax Year 2017
4. 17-51 Resolution Authorizing a Professional Services Agreement to Karen L. Cayci, Esq., to serve as the attorney for the Princeton Zoning Board of Adjustment for 2017 for an amount not to exceed \$20,000.00
5. 17-52 Resolution Authorizing a Professional Services to T & M Associates for Landfill Inspection and Compliance Services (Quarterly Monitoring Reports) and the Annual Landfill Inspection Report for 2017 for the Princeton Sewer Operating Committee (PSOC) for an Amount Not to Exceed \$9,793.00
6. 17-53 Resolution Supporting Application by Friends of Princeton Open Space for \$50,000.00 Green Acres Stewardship Matching Grant
7. 17-54 Resolution authorizing approval to submit a grant application for \$550,000.00 and execute a Safe Streets to Transit Grant agreement with the New Jersey Department of Transportation for the Mount Lucas Road / Valley Road Roadway and Signal Improvement Project
8. 17-55 Resolution authorizing approval to submit a Bikeways Grant application in the amount of \$460,000.00, and execute a grant agreement with the New Jersey Department of Transportation, for the Cherry Hill Road Pathway Extension Project (Foulet Drive to Crestview Drive)
9. 17-56 Resolution authorizing approval to submit a grant application in the amount of \$520,000.00 and execute a Municipal Aid Grant agreement with the New Jersey Department of Transportation for the Bank Street Reconstruction Project
10. Completion Time Extension to June 30, 2017 for Architectural Laboratory; Washington and Fitzrandolph (north of Faculty) (Block 50.01, Lot 18) Minor Site Plan to Princeton University
11. Performance guaranty reduction to the new amount of \$1,807,779.10 for Merwick - Stanworth Site on Bayard Lane (Block 14.01, Lot 1; Block 15.04, Lot 7; Block 16.01, Lot 1, Block 17.04, Lot 102) Preliminary and Final Major Site Plan to Princeton University

XIII. CLOSED SESSION (CONTINUATION OF ABOVE IF NECESSARY)

XIV. ADJOURNMENT

A motion to adjourn at 9:40 p.m. was made by Mr. Miller, seconded by Mr. Liverman and carried unanimously.

Kathleen K. Brzezynski
Municipal Clerk



RESOLUTION 17-46

Closed Session

RESOLUTION
OF THE MAYOR AND COUNCIL
OF PRINCETON

TO GO INTO CLOSED SESSION
(Open Public Meetings Act Sec.3)

BE IT RESOLVED by the Mayor and Council of Princeton:

This body will now convene into a closed session that will be limited only to consideration of an item or items with respect to which the public may be excluded pursuant to section 7B of the Open Public Meetings Act.

The general nature of the subject or subjects to be discussed in said session are as follows:

- Litigation - Affordable Housing Declaratory Judgement Action Update
 - Matters Requiring Confidential Advice of Counsel Regarding AvalonBay Escrow
- Charge Challenge

The matters discussed will be made public when the need for confidentiality no longer exists.

I, Kathleen K. Brzezynski, Clerk of Princeton, do hereby certify that the above is a true copy of a resolution adopted by the Mayor and Council of Princeton at a meeting held January 23, 2017.



Kathleen K. Brzezynski, Clerk



RESOLUTION 17-47

Resolution Urging the Acting New Jersey Commissioner of Education to Deny Princeton Charter School's Application to Expand

WHEREAS Princeton Charter School has applied to the New Jersey Department of Education to increase its enrollment by an additional 76 children starting in the 2017-2018 school year; and

WHEREAS The proposed expansion would require Princeton taxpayers to divert an additional \$1.16 million annually from Princeton Public Schools to the Princeton Charter on top of the more than \$5 million of local tax dollars already paid annually to Princeton Charter School as part of the Princeton Public Schools budget; and

WHEREAS Princeton Charter's expansion was planned, and its application submitted, without any consultation with the duly elected Princeton Board of Education, the administration of Princeton Public Schools or Princeton taxpayers; and

WHEREAS If approved, this additional expenditure of tax dollars will have a long term deleterious effect on the financial stability of the Princeton Public Schools and on the 3,700 children the district educates; and


WHEREAS If the Commissioner denies the expansion request, there will be no negative impact on Princeton Charter School's 348 students.

NOW, THEREFORE, BE IT RESOLVED:

By the Princeton Council, County of Mercer, State of New Jersey as follows:

1. That Princeton Council does hereby urge the Acting Commissioner of Education for the State of New Jersey to reject the proposed expansion request of Princeton Charter School; and
2. That Princeton Council urges Princeton Public Schools and Princeton Charter School to continue to share resources and study a possible consolidation of their separate districts.
3. That a certified copy of this Resolution be forwarded to the Honorable Kim Harrington, Acting Commissioner, New Jersey Department of Education; to the Princeton Public Schools Board of Education; and to the Board of Trustees of the Princeton Charter School.

I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, do hereby certify that the above is a true copy of a resolution adopted by the Mayor and Council of Princeton at a meeting held January 23, 2017.


Kathleen K. Brzezynski, Municipal Clerk



RESOLUTION 17-48

Resolution Authorizing Appointments to Boards, Commissions and Committees

BE IT RESOLVED by the Mayor and Council of Princeton:

The following appointments are hereby made:

Shade Tree Commission

	Term
Alexandra Radbil	unexpired 1/1/2018
Welmoet Bok Von Kammen, (Alt 1)	unexpired 1/1/2018

Princeton Alcohol and Drug Alliance

Sherri Garber	3 year	1/1/2020
Julia Berry	3 year	1/1/2020

Local Assistance Board

John Heilner	1 year	1/1/2018
Anastasia Mann	1 year	1/1/2018
Larry Spruill	1 year	1/1/2018
Veronica Olivares Weber	1 year	1/1/2018
Janet Estes	1 year	1/1/2018

Library Board of Trustees

Yamile Slebi	unexpired	1/1/2018
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I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, County of Mercer, State of New Jersey, do hereby certify that the foregoing is a true copy of a resolution adopted by the Mayor and Council of Princeton at its meeting held January 23, 2017.


Kathleen K. Brzezynski, Clerk



RESOLUTION 17-49

Resolution Creating the Volunteer Position of Sister City Ambassador

WHEREAS, the municipality of Princeton, a diverse community made up of many different cultures and backgrounds, has always been interested in learning about other cultures, and establishing international friendships and relationships with other cities throughout the world; and

WHEREAS Princeton has sister city relationships with two cities: Colmar, France and Petteranello, Italy; and

WHEREAS, the Princeton residents who participate in Sister City exchanges greatly benefit from the information sharing, cultural exchanges, and friendships that are derived from the Sister City program; and

WHEREAS, the success of the sister city relationships depends heavily on local citizen volunteers; and

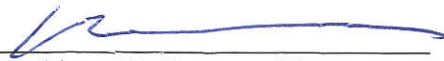
WHEREAS, creating the volunteer position of "Sister City Ambassador" will add to the volunteer structure, coordination and oversight of the program and reinforce the municipality's ability to retain and perpetuate the program;

WHEREAS, each Sister City Ambassador will serve as the official point of contact between the sister city organization in Colmar or Petteranello and our municipal government and residents;

NOW, THEREFORE, BE RESOLVED that the Princeton Council hereby appoints Ellie Pinelli as Princeton's Sister City Ambassador to Petteranello, Italy for a two year term commencing in 2017;

AND BE IT FURTHER RESOLVED that the Princeton Council hereby appoints Carol Prevost as Princeton's Sister City Ambassador to Colmar, France for a two year term commencing in 2017.

I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, do hereby certify that the foregoing is a true copy of a resolution was adopted by the Mayor and Council of Princeton, at a meeting held January 23, 2017.


Kathleen K. Brzezynski
Municipal Clerk



RESOLUTION 17-50

Resolution Authorizing Tax Assessor To Act As Agent For Princeton For The Purpose Of Filing And Settling Tax Appeals On Behalf Of The Taxing District For The Tax Year 2017

WHEREAS, the Tax Assessor is knowledgeable regarding the valuation and assessment of properties in Princeton; and

WHEREAS, the Tax Assessor has the statutory responsibility, pursuant to N.J.S.A. 54:4-23 to 36, to set assessments for properties in Princeton under the Local Property Tax, N.J.S.A. 54:4-1 et seq; and

WHEREAS, the governing body of the Taxing District deems the Tax Assessor to be responsible and acting in the best interests of the municipality;

THEREFORE, BE IT RESOLVED, by the Council of Princeton, that the Tax Assessor is hereby authorized to act as agent for the Taxing District without further governing body approval to;


1. Determine when tax appeals, cross appeals, complaints and counterclaims should be filed on behalf of the Taxing District with regard to any property located in Princeton and accordingly direct the attorney for the Taxing District to file such documents with either the County Tax Board or Tax Court of New Jersey as deemed appropriate;

2. Resolve and settle, with the consent of the Princeton tax attorney, tax appeals pending before the County Tax Board, Tax Court or Appellate Courts for any tax year and authorize the attorney for the Taxing District to formalize such settlements in the appropriate Courts and/or County Tax Board.

3. The Tax Assessor's authority shall be limited to settle tax appeals involving tax refunds of \$50,000.00 or less in property taxes per assessable parcel per tax year.

CERTIFICATION

I, Kathleen K. Brzezynski, Clerk of Princeton, do hereby certify that the above is a true and correct copy of a resolution adopted at a special meeting of the Princeton Council held on January 23, 2017.


Kathleen K. Brzezynski, Clerk



RESOLUTION 17-51

Resolution Authorizing a Professional Services Agreement to Karen L. Cayci, Esq., to serve as the attorney for the Princeton Zoning Board of Adjustment for 2017 for an amount not to exceed \$20,000.00

WHEREAS, the municipality of Princeton desires to retain the services of an Attorney for purposes of serving as the Attorney for the Princeton Zoning Board of Adjustment; and

WHEREAS, Karen L. Cayci, Esq. has provided a proposal to Princeton for purposes of performing the sought-after legal services for the not to exceed contract amount of twenty thousand (\$20,000.00) dollars for the Calendar Year of 2017; and

WHEREAS, Princeton has a need to acquire these services following the “fair and open process” as defined by P.L. 2004, c.19, the “Local Unit Pay-to-Play Law” and in connection therewith, Karen L. Cayci, Esq. and Mason, Griffin & Pierson, P.C. have completed and filed with Princeton the required Campaign Contributions Affidavit pursuant to N.J.S.A. 19:44A-20.8, Certification Regarding Political Contributions pursuant to N.J.S.A. 19:44A-20.26 and affidavit pursuant section 2-87 of the Princeton Code (collectively, the “Pay-to-Play Forms”); and

WHEREAS, the agreement shall be for an amount not to exceed \$20,000.00; and

WHEREAS, the Chief Financial Officer has certified that sufficient funds are available to pay for said services; and

WHEREAS, the Local Public Contracts Law, *N.J.S.A. 40A:11-5(1)(a)(i)*, authorizes Princeton to award this agreement as a professional services agreement, without public bidding.

NOW, THEREFORE, BE IT RESOLVED by the Council of the Municipality of Princeton, County of Mercer, State of New Jersey, as follows:

1. The Mayor and Clerk are hereby authorized and directed to execute an agreement

with Karen L. Cayci, Esq. for \$20,000.00 for 2017, consistent with this Resolution and the above "Whereas" clauses to serve as the attorney for the Princeton Zoning Board of Adjustment for 2017.

2. The agreement is awarded following competitive bidding as a professional services agreement as authorized under *N.J.S.A. 40A:11-4.5*.
3. Karen L. Cayci, Esq. shall be paid a fee not to exceed \$20,000.00. The term of the agreement shall be for the Calendar Year 2017.
4. A copy of this Resolution, the Pay-to-Play Forms and the agreement shall be placed on file in the Office of the Clerk.
5. A notice of this action shall be published in the official newspaper as required by law.

Councilperson	Absent	Present	1 st	2 nd	Yea	Nay	Abstain	Disqualified
Ms. Butler		X			X			
Ms. Crumiller		X		X	X			
Ms. Howard		X			X			
Mr. Liverman		X	X		X			
Mr. Miller		X			X			
Mr. Quinn		X			X			
Mayor Lempert								

I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, do hereby certify that the above is a true copy of a resolution adopted by the Mayor and Council of Princeton at a meeting held January 23, 2017.



Kathleen K. Brzezynski, Municipal Clerk



RESOLUTION 17-52

Resolution Authorizing a Professional Services to T & M Associates for Landfill Inspection and Compliance Services (Quarterly Monitoring Reports) and the Annual Landfill Inspection Report for 2017 for the Princeton Sewer Operating Committee (PSOC) for an Amount Not to Exceed \$9,793.00

WHEREAS, the municipality of Princeton desires to retain the services of a professional engineering and surveying firm for purposes of providing Landfill Inspection and Compliance Services (Quarterly Monitoring Reports) and the Annual Landfill Inspection Report for 2017 at the River Road Landfill to the Princeton Sewer Operating Committee (PSOC) on behalf of Princeton; and

WHEREAS, T & M Associates (Moorestown, N.J. office), Middletown, New Jersey has provided a proposal dated October 21, 2016 (revised) to Princeton for purposes of performing the sought-after Landfill Inspection and Compliance Services (Quarterly Monitoring Reports) and the Annual Landfill Inspection Report for 2017 at the River Road Landfill to the Princeton Sewer Operating Committee (PSOC) on behalf of Princeton for the not to exceed contract amount of \$9,793.00; and

WHEREAS, T & M Associates (Moorestown, NJ office), Middletown, New Jersey has been providing said services to the PSOC since July 2015; and

WHEREAS, Princeton has a need to acquire these services without a “fair and open process” as defined by P.L. 2004, c.19, the “Local Unit Pay-to-Play Law” and in connection therewith, T & M Associates has completed and filed with Princeton the required Campaign Contributions Affidavit pursuant to N.J.S.A. 19:44A-20.8, Certification Regarding Political Contributions pursuant to N.J.S.A. 19:44A-20.26 and affidavit pursuant section 2-87 of the Princeton Code (collectively, the “Pay-to-Play Forms”); and

WHEREAS, the agreement shall be for an amount not to exceed \$9,793.00, as more specifically detailed in T & M Associates’ proposal; and

WHEREAS, the Chief Financial Officer has certified that sufficient funds are available to pay for said services; and

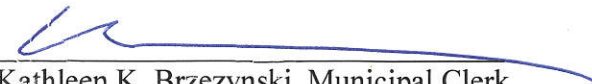
WHEREAS, the Local Public Contracts Law, *N.J.S.A. 40A:11-5(1)(a)(i)*, authorizes Princeton to award this agreement as a professional services agreement, without public bidding.

NOW, THEREFORE, BE IT RESOLVED by the Council of the Municipality of Princeton, County of Mercer, State of New Jersey, as follows:

1. The Mayor and Clerk are hereby authorized and directed to execute an agreement with T & M Associates, Middletown, New Jersey for Landfill Inspection and Compliance Services (Quarterly Monitoring Reports) and the Annual Landfill Inspection Report for 2017 at the River Road Landfill for the Princeton Sewer Operating Committee, consistent with this Resolution and the above "Whereas" clauses.
 2. The agreement is awarded without competitive bidding as a professional services agreement as authorized under *N.J.S.A. 40A:11-5(1)(a)(i)*.
 3. T & M Associates shall be paid a fee not to exceed \$9,793.00. The term of the agreement shall be until January 31, 2018.
 4. A copy of this Resolution, the Pay-to-Play Forms and the agreement shall be placed on file in the Office of the Clerk.
 5. A notice of this action shall be published in the official newspaper as required by law.
- law.

Councilperson	Absent	Present	1 st	2 nd	Yea	Nay	Abstain	Disqualified
Ms. Butler		X			X			
Ms. Crumiller		X		X	X			
Ms. Howard		X			X			
Mr. Liverman		X	X		X			
Mr. Miller		X			X			
Mr. Quinn		X			X			
Mayor Lempert								

I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, do hereby certify that the above is a true copy of a resolution adopted by the Mayor and Council of Princeton at a meeting held January 23, 2017.


 Kathleen K. Brzezynski, Municipal Clerk



RESOLUTION 17-53

Resolution Supporting Application by Friends of Princeton Open Space for \$50,000.00 Green Acres Stewardship Matching Grant

WHEREAS, Princeton has preserved substantial acreage within its borders as passive open space, pursuant to its Master Plan goals; and

WHEREAS, the Billy Johnson Mountain Lakes Nature Preserve ("Preserve"), comprising 70 acres, constitutes an integral part of Princeton's open space network that is enjoyed by hikers, runners, birders, bicyclists, fishers, photographers and nature lovers of all ages; and

WHEREAS, the Princeton Community Master Plan recognizes that "[o]ur parks constitute a resource that is valuable both economically and ecologically, and they must be adequately maintained;" that "professional management and stewardship of Princeton's open spaces and parks should be a priority;" and that "[a]ny management/stewardship program should...remove invasive plants;" and

WHEREAS, the Friends of Princeton Open Space ("FOPOS"), a non-profit charitable organization established in 1969, holds the conservation easement on the Preserve and has "adopted" it and Mountain Lakes North and John Witherspoon Woods (collectively, the "Mountain Lakes Management Area" or "MLMA"), comprising 140 acres; and

WHEREAS, FOPOS, utilizing the help of its conservation-trained Natural Resource Managers, developed a Natural Resources Management Plan dated March 27, 2014 (the "Plan") for the Mountain Lakes Management Area that has previously been presented to Council, and has been working diligently through its volunteers and its Natural Resource Managers to maintain and enhance the MLMA pursuant to the Plan; and

WHEREAS, the Plan identifies the West Woods, a management unit of approximately 23 acres between Mountain Lake and the Preserve's border with Coventry Farm, as an area in need of substantial effort to manage invasive species and prevent them from choking out native species and spreading into adjacent management units and contiguous parkland; and

WHEREAS, the State, through the Department of Environmental Protection, Green Acres Program ("DEP"), has made available funding for stewardship of parkland; and

WHEREAS, FOPOS is preparing an application for a \$50,000 matching grant pursuant to the DEP/Green Acres stewardship program, and has retained Ph.D. ecologist Michael VanClef to advise it regarding the project to be applied for; and

WHEREAS, FOPOS intends to apply for funding to remove invasive species, replant native species, and enclose the restored areas with deer fencing in the West Woods management unit of the Preserve, in accordance with the Plan and with the advice of Dr. VanClef and FOPOS's Natural Resource Manager; and

WHEREAS, FOPOS has reviewed its plans with municipal staff and counsel; and

WHEREAS, FOPOS's stewardship project will not negatively impact the historic resources of the Preserve, such as the dams and remnants of structures used by the Princeton Ice Company south of the lower dam; and

WHEREAS, DEP/Green Acres imposes certain requirements for FOPOS to perform its project within the Preserve, which are addressed by this Resolution; and

WHEREAS, the Mayor and Council find that the grant and stewardship project will further the public interest and the goals set forth in Princeton's Master Plan;

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the Municipality

of Princeton as follows:

1. Princeton shall make an in-kind contribution toward the matching grant of \$6,000, consisting of time value of summer interns, who will work on eradicating invasive species within the West Woods management unit of the Preserve, with the balance of the match to be supplied by FOPOS, which has already secured the funding.
2. In the event required by DEP/Green Acres, Princeton shall supplement the existing conservation easement on the Preserve with a supplemental conservation restriction in such form as DEP/Green Acres may require.
3. Princeton shall cause the Municipal Clerk to publish the required public notice of FOPOS's stewardship grant application in the official newspaper designated for such notices, which notice shall be published no later than January 31, 2017 and shall state that the application is on file with DEP/Green Acres for review.
4. FOPOS is hereby authorized to submit, and Princeton shall collaborate in, an application to the State Historic Preservation Office to approve the project, which approval is required by NJDEP/Green Acres because the Preserve is listed on the state and national registers of historic places.

CERTIFICATION

I, Kathleen Brzezynski, Clerk of the Municipality of Princeton, do hereby certify that the foregoing is a true copy of a resolution duly adopted by the Princeton Mayor and Council at a meeting held on January 23, 2017.


Kathleen K. Brzezynski, Clerk

Kathleen Brzezynski

From: Kathleen Brzezynski
Sent: Tuesday, January 24, 2017 4:27 PM
To: Deanna Stockton
Subject: Resolution 17-53
Attachments: scanner@princetonnj.gov_20170124_160641.pdf; FOPOSNotice.docx

Deanna, attached is Resolution 17-53 Supporting the Application the FOPOS. Also attached is the Ad (#3 of the Reesolution) that will run in the Times and Packet on Friday.

Kathleen Brzezynski
Municipal Clerk
Princeton Clerk's Office
400 Witherspoon Street
Princeton NJ 08540
609-924-5704

MEMORANDUM

TO: Princeton Mayor and Council

FROM: Wendy Mager, President, Friends of Princeton Open Space

RE: Resolution in support of FOPOS Application DEP/Green Acres Stewardship funding grant
For Mountain Lakes Management Preserve

DATE: January 16, 2017

In or about 2015, Friends of Princeton Open Space ("FOPOS") presented to the governing body the Natural Resources Management Plan (the "Plan"), developed by successive Natural Resource Managers with conservation training, for the Mountain Lakes Management Area ("MLMA"). The Plan comprises 36 pages plus appendices, including detailed maps and plant inventories. The MLMA consists of the Billy Johnson Mountain Lakes Nature Preserve ("the Preserve"), Mountain Lakes North and the John Witherspoon Woods, totaling approximately 140 acres of land. FOPOS holds the conservation easement on Mountain Lakes Preserve, which is 70 acres, and "adopted" Mountain Lakes North and John Witherspoon Woods pursuant to the former Township's adopt-a-park program.

Using the services of volunteers and of its part-time Natural Resource Managers, FOPOS has maintained trails in the MLMA and is gradually implementing the recommendations of the Plan concerning natural resources. FOPOS is now applying to Green Acres for a \$50,000 matching grant for stewardship activities in the "West Woods" unit of the Plan, which is located between the west side of Mountain Lake and the Preserve's common boundary with Coventry Farm, as contemplated by the Plan. The grant would be used for clearing invasive species and dying or dead ash trees, treatment of invasive species with DEP-approved pesticides where necessary, planting of native trees and plants, and installing deer-exclosure fencing to protect the new plantings.

The deer exclosure would enclose approximately 18 acres. The upland area of approximately 10 acres would be machine cleared and treated. The remaining 8 acres would be cleared using hand tools and any treatment would also be by hand. FOPOS has been working with Dr. Mike VanClef on the plan; he estimates that we could plant over 5,000 trees, shrubs, wildflowers and grasses in this area to replace both "traditional" and emerging invasives. Some significant gaps in the canopy can be addressed by planting native trees. This project is specifically consistent with the Master Plan, as set forth in the accompanying resolution.

FOPOS has the bulk of the matching funds in place. We are asking the Municipality to contribute \$6,000 toward the grant in the form of time of summer interns to do invasive plant removal as outlined above. The program also requires the other actions described in the resolution, i.e., placing

a conservation restriction on the property (which may be satisfied by the existing conservation easement), causing publication of a notice of the application, and obtaining approval from the State Historic Preservation Office because the property is on the register of historic sites. It is not anticipated that there will be any impact on historic resources (dams/lakes, building foundations) or the house, which are located outside the project area. In addition, the trail along the west side of the lake and the east-west bicycle trail leading to the boardwalk and Great Road will be outside the enclosure.

Friends of Princeton
Open Space

Green Acres Stewardship
Grant Application

Forest Restoration Area

Map prepared by Michael Van Clef, Ph.D.
Ecological Solutions, LLC

Legend



Restoration Area



Property Boundary



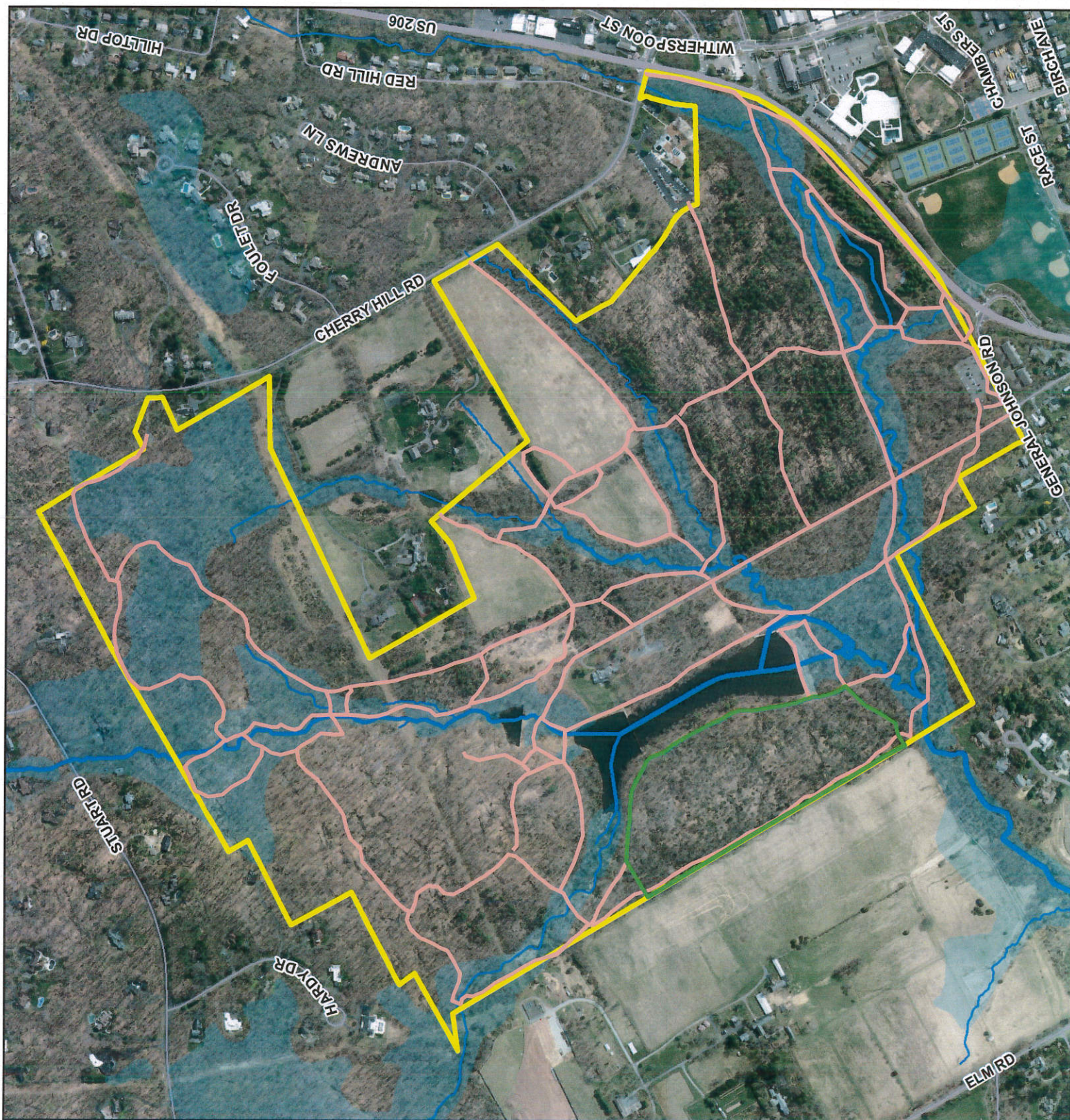
Wetlands



Trails



0 500 1,000 Feet





Mayor and Council

400 Witherspoon Street
Princeton, NJ 08540

Meeting: 01/23/17 06:00 PM
Department: Engineering

RESOLUTION 17-54

Resolution authorizing approval to submit a grant application for \$550,000.00 and execute a Safe Streets to Transit Grant agreement with the New Jersey Department of Transportation for the Mount Lucas Road / Valley Road Roadway and Signal Improvement Project

WHEREAS, The New Jersey Department of Transportation has solicited for Safe Streets to Transit grant applications for fiscal year 2017; and

WHEREAS, Princeton has prepared a grant application provides for safety improvements associated with access to public transit stops on Mount Lucas Road / Witherspoon Street (Cherry Hill Road to Witherspoon Hall Princeton Municipal Building) and Valley Road (Mount Lucas Road / Witherspoon Street to State Road (US Route 206); and


WHEREAS, Princeton wishes to endorse and support this grant application.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Council of Princeton formally approve the grant application for the above stated project.

BE IT FURTHER RESOLVED that the Mayor and Clerk are hereby authorized to submit an electronic grant application identified as SST-2017-Mount Lucas Road Pedestrian Improve-00028 to the New Jersey Department of Transportation on behalf of Princeton.


BE IT FURTHER RESOLVED that the Mayor and Clerk are hereby authorized to sign the grant agreement on behalf of Princeton and that their signature constitutes acceptance of the terms and conditions of the grant agreement and approves the execution of the grant agreement.

I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, do hereby certify that the above is a true copy of a resolution adopted by the Mayor and Council of Princeton at a meeting held on January 23, 2017.


Kathleen K. Brzezynski, Municipal Clerk

My signature and the Clerk's seal serve to acknowledge the above resolution and constitute acceptance of the terms and conditions of the grant agreement and approve the execution of the grant agreement as authorized by the resolution above.

ATTEST and AFFIX SEAL


Clerk
Kathleen Brzezynski


Mayor
Liz Lempert



Mayor and Council

400 Witherspoon Street
Princeton, NJ 08540

Meeting: 01/23/17 06:00 PM
Department: Engineering

RESOLUTION 17-55

Resolution authorizing approval to submit a Bikeways Grant application in the amount of \$460,000.00, and execute a grant agreement with the New Jersey Department of Transportation, for the Cherry Hill Road Pathway Extension Project (Foulet Drive to Crestview Drive)

WHEREAS, The New Jersey Department of Transportation has solicited for Bikeway grant applications for fiscal year 2017; and

WHEREAS, Princeton has prepared a grant application to extend a shared-use pathway along northbound side of Cherry Hill Road between Foulet Drive and Crestview Drive; and

WHEREAS, Princeton wishes to endorse and support this grant application.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Council of Princeton formally approve the grant application for the above stated project.

BE IT FURTHER RESOLVED that the Mayor and Clerk are hereby authorized to submit an electronic grant application identified as BIKE-2017-Cherry Hill Road Bikeway Extension-00023 to the New Jersey Department of Transportation on behalf of Princeton.

BE IT FURTHER RESOLVED that the Mayor and Clerk are hereby authorized to sign the grant agreement on behalf of Princeton and that their signature constitutes acceptance of the terms and conditions of the grant agreement and approves the execution of the grant agreement.

I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, do hereby certify that the above is a true copy of a resolution adopted by the Mayor and Council of Princeton at a meeting held on January 23, 2017.

Kathleen K. Brzezynski, Municipal Clerk

My signature and the Clerk's seal serve to acknowledge the above resolution and constitute acceptance of the terms and conditions of the grant agreement and approve the execution of the grant agreement as authorized by the resolution above.

ATTEST and AFFIX SEAL

Clerk
Kathleen Brzezynski

Mayor
Liz Lempert



RESOLUTION 17-56

Resolution authorizing approval to submit a grant application in the amount of \$520,000.00 and execute a Municipal Aid Grant agreement with the New Jersey Department of Transportation for the Bank Street Reconstruction Project

WHEREAS, The New Jersey Department of Transportation has solicited for Municipal Aid grant applications for fiscal year 2017; and

WHEREAS, Princeton has prepared a grant application to improve Bank Street; and

WHEREAS, Princeton wishes to endorse and support this grant application.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Council of Princeton formally approve the grant application for the above stated project.

BE IT FURTHER RESOLVED that the Mayor and Clerk are hereby authorized to submit an electronic grant application identified as MA-2017-Bank Street Improvements-00191 to the New Jersey Department of Transportation on behalf of Princeton.

BE IT FURTHER RESOLVED that the Mayor and Clerk are hereby authorized to sign the grant agreement on behalf of Princeton and that their signature constitutes acceptance of the terms and conditions of the grant agreement and approves the execution of the grant agreement.


I, Kathleen K. Brzezynski, Municipal Clerk of Princeton, do hereby certify that the above is a true copy of a resolution adopted by the Mayor and Council of Princeton at a meeting held on January 23, 2017.



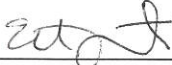
Kathleen K. Brzezynski, Municipal Clerk

My signature and the Clerk's seal serve to acknowledge the above resolution and constitute acceptance of the terms and conditions of the grant agreement and approve the execution of the grant agreement as authorized by the resolution above.

ATTEST and AFFIX SEAL



Clerk
Kathleen Brzezynski



Mayor
Liz Lempert



STREETSCAPE DESIGN STANDARDS NASSAU STREET

• PRINCETON, NEW JERSEY •

FALL 2016

SPONSORED BY THE MUNICIPALITY OF PRINCETON
IN PARTNERSHIP WITH PRINCETON UNIVERSITY
& PRINCETON MERCHANTS ASSOCIATION



PRINCETON
UNIVERSITY



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SECTION I: INTRODUCTION

SECTION I : INTRODUCTION

INTRODUCTION

This Nassau Street Streetscape Design Standards establish a standardized design vocabulary and materials palette with the goal of enhancing the appearance, safety and pedestrian-friendly experience of the business district along Nassau Street between Bayard Lane and Moore Street.

These Streetscape Design Standards establish an overall design vocabulary and palette of materials for a range of identified streetscape design elements that recognize the cultural and historical significance of Nassau Street. This allows for the upgrade and replacement of worn and unsound streetscape elements, materials and surfaces as well as the introduction of new elements that reflect changes in infrastructure, technology and the community's needs.

STUDY AREA

The Study Area includes the business district frontage along Nassau Street from Bayard Lane to Moore Street, but also takes into account the visual and experiential relationship between the Nassau Street business district and the immediately-adjacent areas of Princeton University and Palmer Square. As such, design standards within this document are designed to be compatible with and may be applied to the Princeton University streetscape fronting Nassau Street.



Study Area Map

PROJECT GOALS

- Establish a palette of materials and design vocabulary for a range of identified streetscape elements that recognize the cultural and historical significance of Nassau Street.
- Enhance the appearance, safety and pedestrian-friendly experience of the Business District along Nassau Street.
- Recognize relationship between the business district and the immediately adjacent areas of Princeton University and Palmer Square.

SIDEWALK TYPOLOGY & ZONES



The map above identifies sidewalk typologies for sidewalks 16 feet or greater and less than 16 feet along Nassau Street.

Sidewalk width has significant impact on the amenities and types of activities that can occur within the pedestrian realm of the streetscape.

Sidewalks along Nassau Street in the Central Business District can generally be divided into two (2) sidewalk typologies based on their overall width:

16 feet or greater:

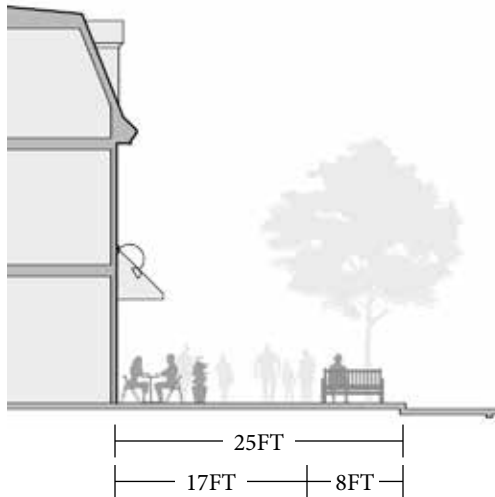
These sidewalks generally handle high levels of activity and pedestrian amenities and are the widest sidewalk sections of the Princeton's Central Business District.

Less than 16 feet:

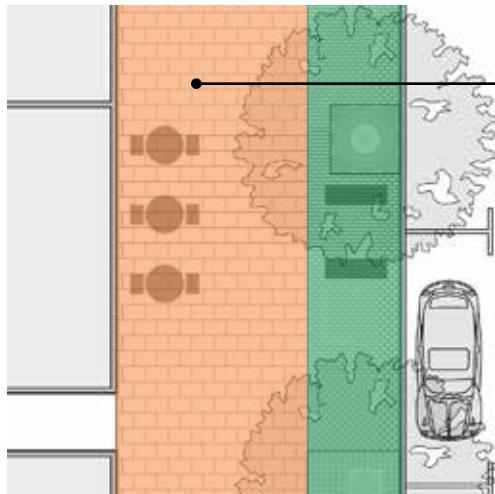
These sidewalks are the narrower of the Princeton's Central Business District. They generally handle the same high levels of pedestrian traffic, but offer a comfortable, smaller pedestrian realm.

SIDEWALK TYPOLOGY & ZONES

16 feet or greater



Existing sidewalk zone conditions along Nassau Street for sidewalks 16 feet or greater.



Throughway Zones in sidewalks 16 feet or greater increase the opportunity for amenities, making the streetscape a more useful and attractive public space.

- Furnishing Zone
- Throughway Zone

Sidewalk type: 16 feet or greater.

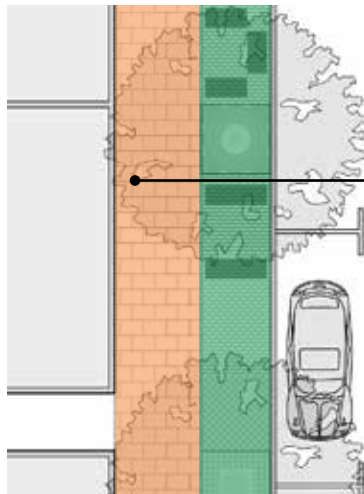
A successful sidewalk engages and enables active public space and accessible pedestrian travel. Amenities such as outdoor dining, signage, lighting, street trees and landscaping work to activate the streets socially and economically. These amenities can be organized and into two (2) zones within the sidewalk to ensure safe and accessible travel and activation of street life. The two (2) zones are described as follows:

Throughway Zone: The portion of the sidewalk that is the primary pedestrian pathway along the street. Minimum space required for the Throughway Zone is six (6) feet. For sidewalks 16 feet or greater, the Throughway Zone can accommodate outdoor dining within the Frontage Zone, which is the portion of the sidewalk immediately adjacent to the building.

Furnishing Zone: The portion of the sidewalk used for street furniture, outdoor dining, signage, lighting and landscaping between the curb and Throughway Zone. The minimum space required for the Furnishing Zone is eight (8) feet.

SIDEWALK TYPOLOGY & ZONES

Less than 16 feet





Sidewalk type: Less than 16 feet.



Existing sidewalk zone conditions along Nassau Street for sidewalks less than 16 feet.

Throughway Zones along Nassau Street should have a minimum of (6) feet in width of unobstructed pathway to allow for safe pedestrian movement.

-  Furnishing Zone
-  Throughway Zone

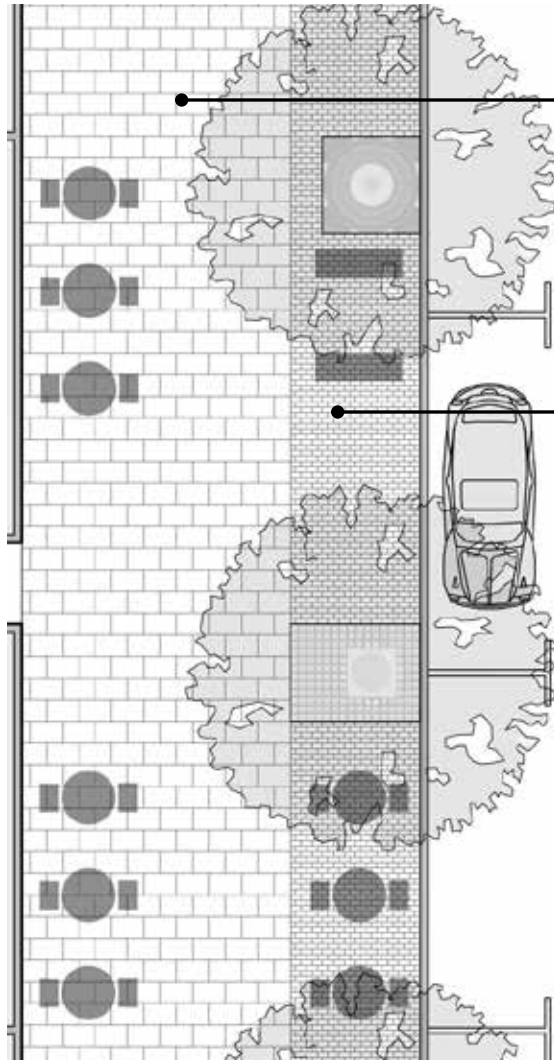
A successful sidewalk engages and enables active public space and accessible pedestrian travel. Amenities such as outdoor dining, signage, lighting, street trees and landscaping work to activate the streets socially and economically. These amenities can be organized and into two (2) zones within the sidewalk to ensure safe and accessible travel and activation of street life. The two (2) zones are described as follows:

Throughway Zone: The portion of the sidewalk that is the primary pedestrian pathway along the street. Minimum space required for the Throughway Zone is six (6) feet.

Furnishing Zone: The portion of the sidewalk used for street furniture, outdoor dining, signage, lighting and landscaping between the curb and Throughway Zone. The Furnishing Zone should generally be six (6) feet wide on block faces that have sidewalks less than 16 feet, as measured from the edge of curb. This zone may be expanded to eight (8) feet based on site conditions that allow for an appropriate transition point, such as a plaza or tree well.

SECTION II: STREETSCAPE DESIGN ELEMENTS

PAVING DESIGN & MATERIALS



Brick-sized Paver (Furnishing Zone)

As manufactured by Whitacre Greer, Belden Brick, or equal. Units shall be made from compressed shale and/or clay, shall conform to Brick Industry Association and ASTM standards for SX compressed clay pavers, and have a minimum compressive strength of 8,000 psi.



London Paver (Throughway Zone)

As manufactured by Hanover Architectural Products, Unilock, or equal. Units shall be made of Portland Cement, fine and coarse aggregates, and coloring. Units shall be steam cured and obtain a compressive strength of 8,500psi. Thickness = 2". Size of paver should be approximately 16" by 24".

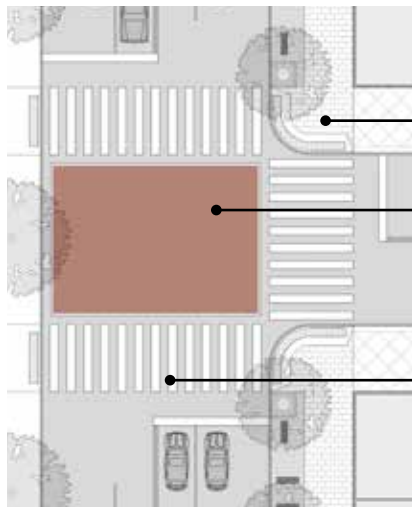
The paving and design of Princeton's streetscape should reflect a high level of quality of care as it serves a high volume of local residents and visiting shoppers and tourists. Preferred design and materials of sidewalk paving is as follows:

- London Pavers in a cool gray color range are preferred in the Throughway Zone.
- Brick-sized paving in the Furnishing Zone should be color compatible with the Throughway Zone paving to visually separate and highlight the amenities in the Furnishing Zone.
- Paving should be designed, installed, and maintained to be smooth and level and should not pose tripping hazards.
- Surfaces should not have abrupt changes in level of more than 1/4 inch.
- Surface materials should have high durability, slip-resistance, and compressive strength.
- Surface materials should have low maintenance requirements.

CROSSWALK MARKINGS & MATERIALS



Simulated view of extended ladder crosswalk and colored pavement treatment at Witherspoon and Nassau Street.



London Paver extended to intersection/curb edge with concrete pedestrian ramps

Optional colored pavement surface treatment at key intersections along Nassau Street:

- Witherspoon Street
- Washington Street
- University Place

Ladder Crosswalk

Crosswalk and Materials:

- Provide Ladder-Style pedestrian crosswalk markings at all intersections.
- Provide design treatments that slow vehicles and maximize pedestrian visibility.
- Accessible pedestrian facilities such as curb ramps are to be aligned with pedestrian traffic flow.
- Cast iron tactile warning strips and accessible pedestrian signals should be provided.

STREET LIGHTING



Pedestrian scale light



Pedestrian lighting on traffic signal posts



Roadway lighting with optional banner

Street Lighting:

- Preferred pedestrian-scale lighting lamppost is the existing historic stylized Victorian acorn fixture with of a decorative cast aluminum fitter, cast ballast housing assembly and a high efficiency polycarbonate or acrylic prismatic acorn globe.
- Any future LED retrofits or replacements of these fixtures should include:
 - Dark sky friendly lighting fixtures that are full cutoff, directing all of its light downward, thereby eliminating excessive light level and reducing light pollution.
 - LED in a warm light color temperature range of 2700K to 3000K.
- Where possible, street lighting at crosswalks should be provided in order to increase pedestrian visibility from motor vehicles in an effort to make it safer.
- Where possible, street lighting should be combined with traffic light to reduce the quantity of poles on the sidewalk.
- Preferred roadway lighting fixture is the existing State highway fixture.
- Consider solar panels on south-facing fixtures.

TRAFFIC SIGNALS



New black traffic signal pole & arms being installed on Washington Street / Vandeventer Street and Nassau Street.



Utilities and electrical boxes should have a black finish consistent with traffic signal.



Street signs on traffic signals should have a brown background with white lettering.

Traffic Signal Pole & Mast Arms:

- Traffic signal poles, traffic lights and mast arms should have a black finish that is compatible with colors of the street amenities along Nassau Street.
- Street name signs hanging from traffic signal mast arms should have a brown background with white lettering within locally-designated historic districts. Alternatively, signage may utilize the standard green color per MUTCD standards.
- All signage and street name fonts shall conform to MUTCD standards.
- Electrical boxes and utilities associated with traffic signals should be painted a black finish consistent with the pole and mast arms of the traffic signal.
- Consider solar panels on south-facing fixtures.

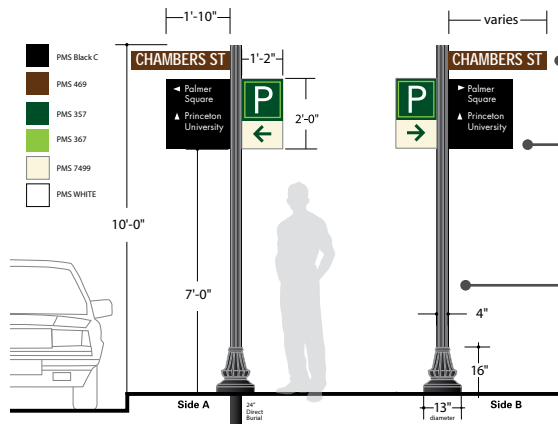
TRAFFIC & PEDESTRIAN SIGNAGE



Existing view of multiple street and parking signs creating visual clutter.



Simulated view of a fluted street sign with wayfinding and parking sign attached to one pole.

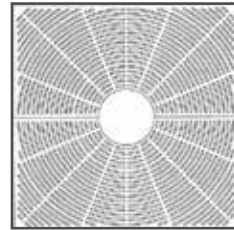
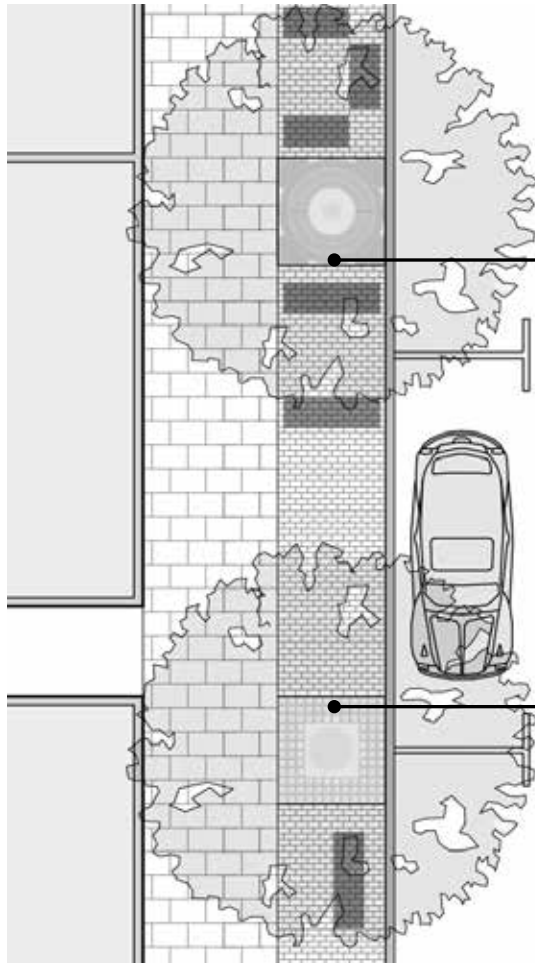


- 6" tall street name signs with 4" cap height letters on brown backer, set into TSB203 sign frame (www.speciallite.com).
- 2" cap height white pedestrian directional letters/symbols applied to black backer to match existing Princeton University signage. Parking directional signage to match existing Palmer Square parking directional signage.
- 4" diameter x 12' tall (bottom 2' buried to create 10' visual height) O/D fluted post finished with a black premium quality thermoset polyester powder coat for a durable finish. WRB11 decorative base and TSB60 post topper to match finish of post. (www.speciallite.com)

Traffic & Pedestrian Signage:

- All posts, bases, caps and sign backers/frames to be finished in matching black to create a clean and uniform look.
- When possible, multiple signs should be aligned on one pole to avoid visual clutter on corners.
- MUTCD/local code regulations should be followed regarding mounting heights and sizes of all signs, including street name fonts.
- Overuse of enforcement signage dilutes the effectiveness and clutters the streetscape and should be discouraged.
- Pedestrian scale signage should be designed to complement the overall streetscape design, but be visible enough to catch the attention of a passerby.
- When signs are mounted to black streetscape furniture and are single-sided, the backs of the signs and mounting hardware should be painted black to camouflage any visual distractions.

STREET TREES



Traditional 6' by 6' cast iron grate placed over tree well. Nominal 3/4" thick depending on material. Rings at center of grate are to be cut as tree grows to allow for growth without damage to tree.



When cobblestones define a tree well they should be placed outside the root ball of the tree and be separated by the Throughway paving with a metal edge. At-grade planting may be included in the tree well area.

Street Trees:

- The selection of species of trees should provide for biodiversity, be drought- and salt-tolerant, and maintain a broad canopy of shade for pedestrians.
- Street trees should be planted in the furnishing zone and be placed in a continuous line with consistent spacing to establish a visual rhythm and canopy along the street.

Tree Wells:

- 6' by 6' traditional, cast-iron tree grates that allow for tree growth are preferred for tree wells in the Furnishing Zone along Nassau Street.
- For existing trees that exceed the dimensional requirements of a tree grate, 4" gray cobblestones or Belgium blocks are the preferred material to define the tree well.
- In narrow sidewalks tree grates may be counted toward the minimum clear path of travel of the Throughway Zone.

AT-GRADE LANDSCAPING, HANGING PLANTERS & LANDSCAPE CONTAINERS



Planters as buffers/visual screens



Planters at base of building



Hanging planter on lamppost



Simulated at-grade drought-tolerant landscaping and movable planters as a buffer for outdoor dining.

Landscaping:

- At-grade landscaping within the Furnishing Zone and any foundation planting along building edges should use native drought- and salt-tolerant species adaptable to the urban environment. Drought-tolerant species have many benefits including low or no irrigation needs once established, increased soil permeability, storm water infiltration, water quality improvement, enhanced rainwater management, mitigate flooding, prevent erosion and increased wildlife habitat.
- Species selection should be coordinated with the Rutgers New Jersey Agricultural Experiment Station (NJAES) and utilize Environmental Protection Agency (EPA) best management practices.
- Plant material with thorns are prohibited in any zone within the sidewalk.

Planters:

- Planter baskets should be mounted approximately 4.5 feet above grade on all pedestrian-scale lampposts. Use of drought tolerant perennials such as succulents are highly encouraged.
- Movable planters are encouraged to be used as a visual screen or buffer alongside any outdoor dining or café seating.

LANDFILL & RECYCLING RECEPTACLES



Combination Receptacles - The DuMor 435 is a side-loaded combination landfill and 2-stream recycling receptacle. This model is constructed of 3/8" thick galvanized steel with polyester powder coat finish, includes (1) 32-gallon and two (2) 20-gallon interior liners, and measures 44" high by 50" wide by 28" deep.



Examples of existing receptacles manufactured by Belson; (L) combined receptacle; (R) single receptacle found at Princeton University.



Example of side-access for servicing combination landfill & recycling receptacles.

Landfill & Recycling Receptacles:

- Landfill and recycling receptacles should be a combination type, located in a consistent manner, so as to be easily recognizable, and spaced to be reasonably convenient to users.
- Landfill and recycling receptacles should be side-loaded with shape-specific recycle openings, so as to encourage appropriate use and to discourage the collection of refuse or debris on the top of the receptacle.
- Receptacles should be constructed of 3/8" (minimum) thick galvanized steel with a polyester powder coating for durability and graffiti resistance.
- Receptacles should be black with color-coded shape-specific recycling access, so appropriate use is clearly understandable.
- Receptacle should be able to open from the side to allow easy access for removal of garbage bags.
- Municipality may further explore adding composting bins alongside combination receptacles.

BICYCLE PARKING



Simulated view of Nassau Street bike corral with planters & surface treatment.



Example of bike corral with planters & pavement markings in New York City.

Bicycle Corrals:

- Sidewalk bicycle parking should be consolidated to bicycle corrals within the roadway of Nassau Street.
- Bicycle corrals for parking of four (4) to eight (8) bikes per 5' section should be placed on-street next to the curb and prioritized in "no parking areas" where sufficient demand exists for bicycle parking.
- Based on parking demand, additional bicycle corral locations should be considered on Nassau Street and side streets.
- Bicycle corrals should be delineated with pavement markings/color, protected through the use of flexible traffic delineator posts/bollards, and beautified through the placement of planters.

BICYCLE PARKING



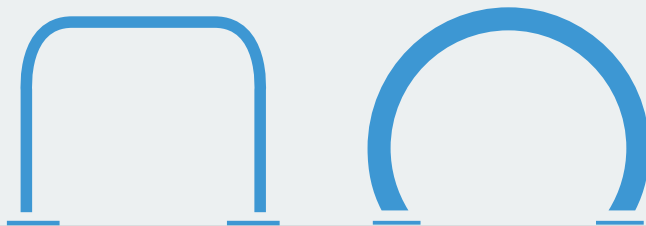
Bicycle Parking:

- Preferred bicycle rack styles within the Furnishing Zone include:
 - Inverted U Racks with two points of ground contact
 - Post and Ring with one point of ground contact
 - Wheelwell Secure with bike well for longer-term parking
- All bicycle racks should be made of a highly durable steel tubing with a protective powder coated or seal guarded outer coating in a black finish.



Recommended Bike Rack Designs

Preferred Design



Inverted U

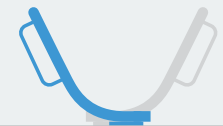
Common style appropriate for many uses; two points of ground contact. Can be installed in series on rails to create a free-standing parking area in variable quantities. Available in many variations.

Other Acceptable Designs



Post and Ring

Common style appropriate for many uses; one point of ground contact. Compared to inverted-U racks, these are less prone to unintended perpendicular parking. Products exist for converting unused parking meter posts.



Wheelwell Secure

Includes an element that cradles one wheel. Design and performance vary by manufacturer; typically contains bikes well, which is desirable for long-term parking and in large-scale installations (e.g. campus); accommodates fewer bicycle types and attachments than the two styles above.

Courtesy of the Princeton Bicycle Master Plan, draft 2016

NEWSPAPER RACKS



Manufactured from heavy 14-20 gauge powder coated steel. Available in multiple combinations of units to accommodate both tabloid and broad sheet formats. Boxes can accommodate either paid and free newspapers. Available in size from 1-box to 8-box. Multiple units can be placed together.

Newspaper Racks:

- Newspaper racks should be consolidated into a single integral cabinet where possible along Nassau Street.
- The single integral cabinet should have an attractive, clean, and simple design that complements the design and color of other street furniture.
- Newspaper racks should be placed no closer than four (4) feet from adjacent street signs or bike racks.
- No newspaper rack should be placed within six (6) feet of the curb for the length of any bus zone.
- A maximum of five (5) free-standing news racks may be placed in a continuous row. No more than two (2) fixed pedestal mount news racks may be placed within 10 feet of each other.

PARKING PAY STATIONS



Example above is a Luke II Multi-space Pay Station from T2systems and illustrates preferred features of a multi-space meter.

Parking Pay Stations:

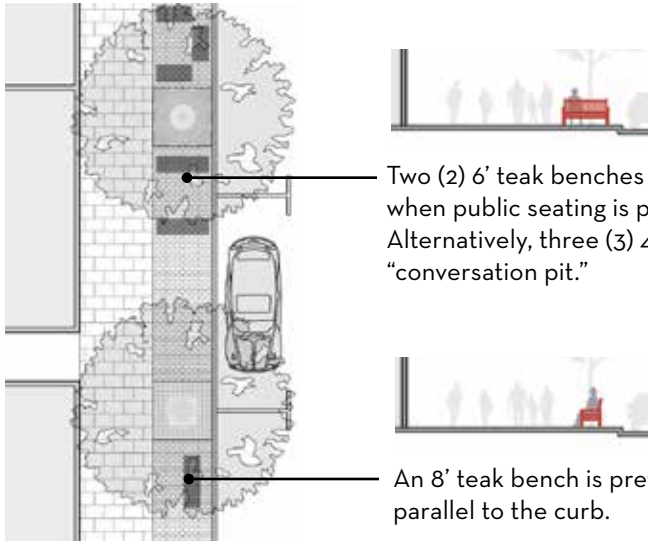
Parking meters along Nassau Street should be replaced with multi-space meters as a parking management tool. Consolidating parking meters through multi-space meters reduces the number of poles in the sidewalk and allows for the installation of additional street amenities in the Furnishing Zone.

- Multi-space meters should replace pole-mounted parking meters in the Furnishings Zone.
- Poles from individual parking meters should be removed since multi-space meters cannot be mounted to them. In the meantime, abandoned and unused poles may be adapted for additional bike parking as may be necessary.
- Multi-space meters should be placed every eight (8) to 10 parking spaces.
- Signage directing patrons to multi-space meters should be placed every five (5) parking spaces.

PUBLIC BENCHES



Public seating creates a comfortable, usable, and active environment where people can socialize.



Two (2) 6' teak benches grouped together are preferred when public seating is placed perpendicular to the curb. Alternatively, three (3) 4' teak benches can be grouped in a "conversation pit."

An 8' teak bench is preferred when public seating is placed parallel to the curb.

Public Benches:

- Public benches may be placed in the Furnishing Zone parallel or grouped perpendicular to the curb.
- The bench standard is a teak bench manufactured from sustainably harvested Indonesian Teak. Heavy duty 3" legs and mortise and tenon joinery. Length varies from four (4) feet to eight (8) feet.
- Seating should be located under trees where possible to provide shade.
- An 8' teak bench is preferred when public seating is placed parallel to the curb. Bench should face towards the buildings and be located in the middle of the Furnishing Zone.
- Two (2) 6' or three (3) 4' teak benches grouped together are preferred when public seating is placed perpendicular to the curb. Benches should face each other so people may socialize and be centered in the middle of the Furnishing Zone.

OUTDOOR DINING

16 feet or greater



Simulated view of outdoor café seating in both the Furnishing and Throughway Zone, maintain more than six (6) feet of clear area for pedestrians.



Tables and chairs shall not interfere with pedestrian flow along the Throughway Zone. A minimum of six (6) feet of clearance shall be provided within the Throughway Zone.

Outdoor Dining & Café Seating:

- Private outdoor café and restaurant seating is encouraged in either the Furnishing Zone or immediately adjacent to the building in the sidewalks 16 feet or greater.
- Tables, chairs and bench seating should only be placed in front of the place of business they serve and are subject to permits and/or licensure.
- Access to parked vehicles, loading zones, curb ramps, driveways, building access and fire escapes may not be obstructed with tables and chairs.

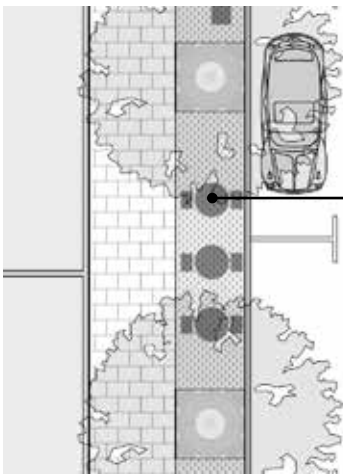


OUTDOOR DINING

Less than 16 feet



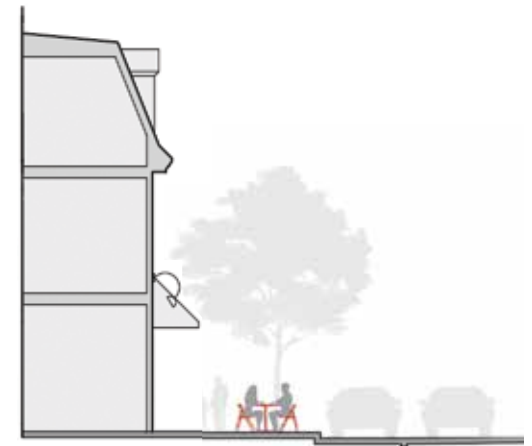
Simulation of café seating along the furnishing zone along Nassau Street.



For sidewalks less than 16 feet, outdoor café seating and chairs are encouraged to be located curbside in the Furnishing Zone. Locating tables and chairs as such allows for more room in the Throughway Zone. A minimum of six (6) feet of clearance shall be provided within the Throughway Zone.

Outdoor Dining & Café Seating:

- Private outdoor café and restaurant seating may be in the Throughway Zone on sidewalks less than 16 feet wide, but is encouraged to be located curbside in the Furnishing Zone to maximize Throughway clearance.
- Tables, chairs and bench seating should only be placed in front of the place of business they serve and are subject to permits and/or licensure.
- Access to parked vehicles, loading zones, curb ramps, and driveways may not be obstructed with tables and chairs.



SANDWICH BOARD SIGNS

Preferred Sandwich Board Styles:



Contemporary Style



Traditional Style

Sandwich Board Signs:

- Sandwich boards should be composed of an A-frame structure.
- Sandwich board signs may be placed alongside the building or in the Furnishing Zone, allowing for the full Throughway Zone to remain clear for the safe passage of pedestrians.
- Two (2) preferred styles for sandwich boards include:
 - Contemporary Style: Sign color is seamlessly integrated with structure of sandwich board.
 - Traditional Style: The content of the sign is contained within a raised frame.
- The following types are discouraged:
 - T-frame structures, which pose a potential tripping hazard.
 - Plastic molded sandwich boards.

BUS SHELTERS



Simulated view of Brasco Bayline Series enhanced bus shelter with green roof and solar panels at Palmer Square with optional red pavement.

Bus Shelters:

- A recently approved “flagship” Brasco Bayline series bus shelter with a living green roof and solar panels will be placed at Palmer Square, which is the highest-volume bus stop in Princeton.
- Additional installation of Brasco Bayline series bus shelter models are subject to funding and ridership demand needed to justify the special enhancements.
- Basic bus shelter models provided by NJ TRANSIT shall be enhanced with solar panels and the Princeton Logo located within the sides of the barrel roof of the standard Princeton black “Fair Lawn style” Handi-hut bus shelters.

SECTION III: SPECIAL CONDITIONS

LANDSCAPE EDGES



Simulated view of enhanced landscaping and seating in the Furnishing Zone along a landscape edge condition.



The Landscape Edge condition occurs at four (4) locations along study area on Nassau Street. These four (4) locations are in front of Palmer House and Palmer Square, as well as, Nassau Christian Center and Princeton United Methodist Church.

Landscape Edges:

- Areas with semi-private landscaped edges with no adjacent commercial activity along Nassau Street should have enhanced landscaping and seating amenities within the Furnishing Zone.
- Such enhanced amenities might include:
 - Increased planting beds of at-grade drought tolerant plants with additional public seating
 - Benches
 - Permeable paving
 - Rain gardens/bioretenion basins

ALLEY CROSSINGS



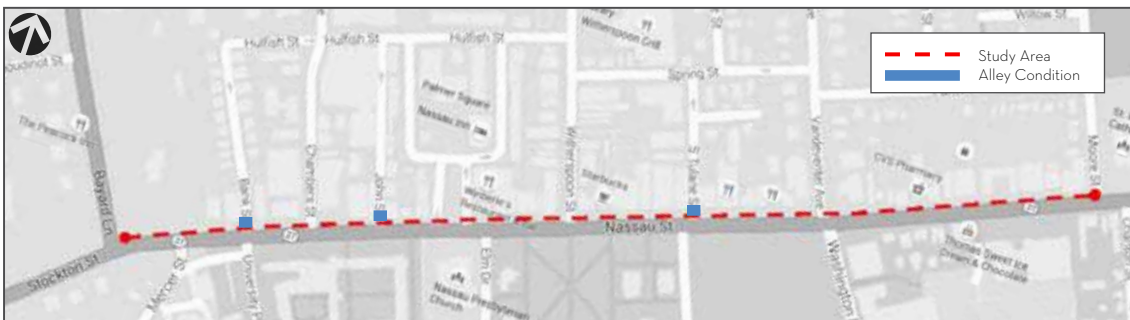
Simulated view of raised pedestrian crossing over cobblestone alley.



Large 5" gray smooth-faced cobblestones ramp to raised pedestrian crossing over alley entrance.

Alley Crossings:

- Alleys should incorporate raised crossings continuing the Throughway Zone paving across the alley entrance.
- Cobblestone paving should extend across the entire cartway on both sides of the Throughway Zone.
- Cobblestone paving should be smooth-faced to accommodate bicyclists.
- Cast iron tactile warning strips the length of the Throughway Zone should delineate and identify the raised crossing for visually impaired.

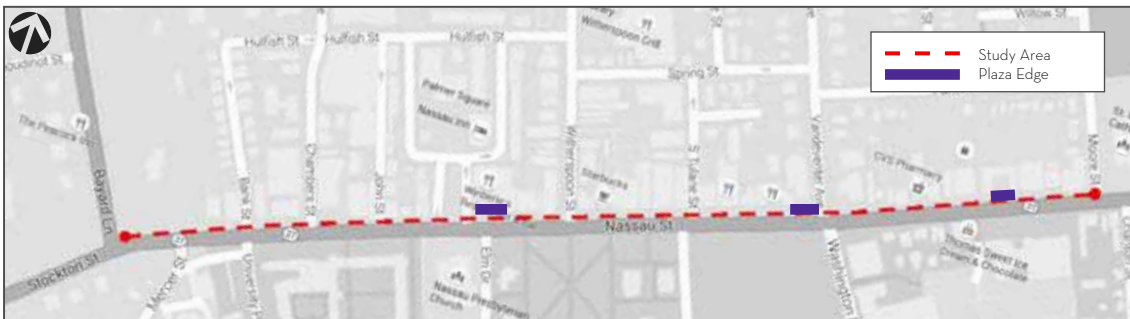


Alley Crossings occur at three (3) locations along study area on Nassau Street. These three (3) locations are Bank Street, John Street Alley, and South Tulane Street.

PLAZA EDGES



Simulated above is a continuous paver treatment of London Pavers from Palmer Square extend to the length of the sidewalk.



The Plaza edge condition occurs at three (3) locations along study area on Nassau Street. These three (3) locations are near Palmer Square, the Princeton Garden Theatre and the plaza in front of Santander Bank.

Plaza Edges:

- Plazas are permitted to use special paving and have the option to extend that paving in a continuous treatment across the sidewalk zone.
- Plaza paving should have a distinct transition and color difference between the standard paving of the sidewalk.





APPENDIX




STREETSCAPE DESIGN STANDARDS NASSAU STREET





• PRINCETON, NEW JERSEY •


Design Elements - Sidewalk Paving Design And Materials

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Concrete	4,500 psi concrete containing a blend of Portland Cement, admixtures, and ¾" aggregate. Scored at 48" either perpendicular or at a 45 degree angle to path of travel. Color to be French Gray. Materials and installation shall conform to ACI and ANSI standards.	\$10.00/SF – 90 degree. \$14.00/SF – 45 degree	20 – 30 years. Factors affecting durability include cutting and opening of sidewalks for utility repairs and heaving of surface due to tree roots and freeze thaw.	Immediate
Pavers - London 	As manufactured by Hanover Architectural Products, Unilock, or equal. Units shall be made of Portland Cement, fine and coarse aggregates, and coloring. Units shall be steam cured and obtain a compressive strength of 8,500 psi. Thickness = 2". Sizes available include combinations of 8", 12", 16", 24", 36", 48".	\$19.00/SF	40 years. Factors affecting durability include cutting and opening of sidewalks for utility repairs and heaving of surface due to tree roots and freeze thaw.	Immediate
Pavers - Brick 	As manufactured Whitacre Greer, Belden Brick, Glen Gery, or equal. Units shall be made from compressed shale and/or clay, shall conform to Brick Industry Association and ASTM standards for SX compressed clay pavers, and have a minimum compressive strength of 8,000 psi.	\$21.00/SF	40 years. Factors affecting durability include cutting and opening of sidewalks for utility repairs and heaving of surface due to tree roots and freeze thaw.	Immediate
Belgian Block 	Natural granite 'setts' installed over sand, base rock and compacted earth subbase. For furniture zone and tree well areas only.	\$23.00/SF	40 years. Factors affecting durability include cutting and opening of sidewalks for utility repairs and heaving of surface due to tree roots and freeze thaw.	Immediate
Stone Dust 	Material shall be composed of dark gray crushed granite, argillite, gneiss, trap rock, or similar. Material shall be installed over a compacted base at bicycle and seating areas and shall be loose where used as a surround or stone mulch for tree wells.	\$2.00/SF	20 – 30 years. Factors affecting durability include cutting and opening of sidewalks for utility repairs and heaving of surface due to tree roots and freeze thaw.	Immediate





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Design Elements - Tree Well Treatments

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Crushed red stone (Existing) 	#57 – ¾" crushed red stone over earth. Material shall be installed over bare earth and weed barrier where used as a stone mulch for tree wells.	\$5.00/CF including ground prep and weed control fabric. Cost does not include tree or subsurface preparation.	Medium care required including some weed control, replacing stone.	As needed, depending upon size of tree and well.
Stone dust/Stone Mulch (Existing) 	Material shall be composed of dark gray crushed granite, argillite, gneiss, trap rock, or similar. Material shall be installed over bare earth and weed barrier where used as a stone mulch for tree wells.	\$4.50/CF including ground prep and weed control fabric. Cost does not include tree or subsurface preparation.	Medium care required including some weed control, replacing stone.	As needed, depending upon size of tree and well.
Belgian Block Stone with Stone Mulch (Existing) 	Belgian block setts surrounding tree well. Tree well may have stone mulch as described above or organic mulch. Block to be installed over sand, base rock and compacted earth subbase.	\$18.00/SF including cost of mulch and weed control fabric mulch.	Care will be similar to that for stone dust or red stone mulch. Repair to area may require replacing subbase.	As needed, depending upon size of tree and well.
Tree Grate – Cast Iron 	IronSmith - Cast iron tree grate placed over tree well. Nominal ¾" thick depending on material. ¼" slot openings. Rings at center of grate can be cut as tree grows to allow for growth without damage to tree. Grates attached to channels fastened to sidewalk material.	Varies depending upon material / complexity. Base price for a cast iron grate ranges from \$800 to \$1,450 varying on size and detail.	Care will be similar to that for stone dust or red stone mulch. Repair to area may require replacing subbase.	Design and sizes need to be designed and chosen during installation of sidewalk.




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Design Elements - Trash And Recycling Containers

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Individual containers (Existing – PU) 	Belson CBTR – Similar to existing containers at Princeton University. Available in 32, 34, 36, 38, and 42 Gallon. Removable liner with lockable door. Powder coated 24 gauge steel frame and 14 gauge lid.	\$1,140.00/Ea.	All products by Belson include a 1 year manufacturer's warranty.	As needed.
Combined receptacle – Existing 	Belson SFT34X2D – Similar to existing containers on Nassau Street. Available in dual 34 Gallon configuration. Removable interior liner with lockable door. Powder 24 gauge powder coated steel frame and 14 gauge lid.	\$2,200.00/Ea.	All products by Belson include a 1 year manufacturer's warranty.	As needed.
Shared container - alternate 	Forms + Surfaces - Urban Renaissance receptacle manufactured in 36 and 45 gallon configurations. 40 inches high x 26 inch diameter. Stainless steel with powder coat finish. High recycled content. Hinged lockable access door with internal liner.	\$1,500.00/Ea.	All products by Forms + Surfaces include a 1 year manufacturer's warranty.	As needed.
Shared Container – alternate, side opening 	DuMor 435 combination trash and recycling container. Interior liners of 32 gal and (2) 20 gallon. Constructed of 3/8" thick galvanized steel with polyester powder coat. 44 inches high x 50 inches wide x 28 inches deep.	\$2,800.00/Ea.	1 year warranty.	As needed.


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Design Elements - Bicycle Racks

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Hoop Rack (Existing) 	Manufactured from 1.5" Schedule 40 Steel tubing and available in a number of finishes including Galvanized, Stainless Steel, Powder Coat, and Thermoplastic over Galvanized. Available in surface mount or in-ground mounting as well as rail mount for bike corrals. Can be customized with city's logo in field.	\$100.00 – Powder Coated \$435.00 – Rail Mounted \$555.00 – Rail mounted with Thermoplastic Finish over galvanized.	Units are warranted for a period of one year from the date of delivery.	As needed
Rolling Rack (Existing) 	Manufactured from 2" Schedule 40 Steel tubing and available in a number of finishes including Galvanized, Stainless Steel, Powder Coat, and Thermoplastic over Galvanized. Provides multiple anchoring opportunities and is available with rail mount.	\$306.00 – Powder Coated \$368.00 – Thermoplastic over galvanized	Units are warranted for a period of one year from the date of delivery.	As needed
Post and Ring 	Manufactured from 2" and 1.5" Schedule 40 Steel tubing and available in a number of finishes including Galvanized, Stainless Steel, Powder Coat, and Thermoplastic over Galvanized. Available with logo in field. Available as surface or in ground mount.	\$131.00 – Powder Coated \$176.00 – Thermoplastic over galvanization Additional charge varies for logo based on quantity and design.	Units are warranted for a period of one year from the date of delivery.	As needed
Wheel Well Secure	Belson – Sentry Bike Storage. Surface Mount, black powder coated, 1-1/2" Square Steel Tubing with 3/16" Thick Wall and 3/4" O.D. Steel Locking Bars	\$149.00 – Powder Coated	Units are warranted for a period of one year from the date of delivery.	As needed
Wheel Well Secure 5-bike Rack	Belson – Sentry Bike Storage. 5-bike rail mount rack Surface Mount, black powder coated, 1-1/2" Square Steel Tubing with 3/16" Thick Wall and 3/4" O.D. Steel Locking Bars	\$759.00 – Powder Coated	Units are warranted for a period of one year from the date of delivery.	As needed







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Design Elements - Newspaper Racks

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Consolidated Rack 	<p>Manufactured by Mechanism Exchange and Repair company. Manufactured from heavy 14 -20 gauge powder coated steel. Available in multiple combinations of units to accommodate both tabloid and broad sheet formats. Boxes can accommodate either paid and free newspapers. Available from 1 box to 6. Multiple units can be placed together.</p>	<p>Base prices start at \$1,800.00 for a 4-box unit and up to \$2,500.00 for a 6-box unit.</p>	<p>Extremely durable construction. Eliminates unsightly individual newspaper vending boxes. Anchored to sidewalk or sidewalk substrate.</p>	<p>Where needed. Lead time for construction is 6 to 12 weeks.</p>

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Design Elements - Benches

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Teak (Existing) 	Manufactured from sustainably harvested Indonesian Teak. Heavy duty 3" legs and mortise and tenon joinery. Available in lengths from 4 feet to 12 feet.	\$800.00 – 6' w/back \$1,500.00 – 8' w/back Special pricing for longer lengths.	Benches are warranted for a 1 year period in commercial applications. Wood is easily cared for with seasonal applications of teak oil if desired.	As needed 
Teak - Backless 	Similar in style, appearance, and construction as the existing teak benches that line Nassau Street. Made from sustainably harvested Indonesian Teak.	\$525.00 – 6' Backless	Benches are warranted for a 1 year period in commercial applications. Wood is easily cared for with seasonal applications of teak oil if desired.	As needed 
Firestone Walk Bench 	Steel strap bench. ASTM 1080 cold rolled steel slats on ductile iron frame. Powder coated finish. Available from 4 feet to 8 feet.	\$1,050.00 – 6' Length	Benches are warranted for a 1 year period in commercial applications.	As needed
Contemporary Steel 	Manufactured from heavy rolled steel. Laser cut perforations. Metals include stainless steel or polyester powder coated. Available in numerous lengths.	\$1,230.00 – 6' Powder Coated	Benches are warranted for a 1 year period in commercial applications.	As needed

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Design Elements

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
LED Retrofit of Lamppost (Full cut-off)	Holophane- LED Lunar Leaf Acrylic Washington Postlite II LED 2 (AWDE2): AWDE2, LED Performance Package 30, 3000 Series CCT, Auto-Sensing Voltage (120-277V), Leaf Style - Standard, Black, Asymmetric Lunar Optic Type V, None, Painted Cast Aluminum Flower, Black, 0-10V Part-Night Dimming includes 120V tork button style photocontrol receptacle, Black	Unit starts at \$1,100.00 and up to \$3,000.00 depending on features, housing and color temperature.	Extremely durable construction.	Where needed. Lead time for construction is 6 to 12 weeks.
Surface Pavement Treatment	Pigmented Endurablend™ a durable colored surface treatment.	Varies depending on area of coverage and certified installer. Generally, less than 500 SF: \$15/SF; 500 to 2,000 SF: \$10 – \$15/SF; more than 2,000 SF: \$5 – \$10/SF.	5-20 years depending on surface and traffic volume	When Needed.
	Traffic Patterns XD	\$18/SF	5-20 years depending on surface and traffic volume	When Needed.
Traffic and Parking Related Signage	Speciallite - 4" diameter x 12' tall (bottom 2' buried to create 10' visual height) O/D fluted post finished with a black premium quality thermoset polyester powder coat for a durable finish. WRB11 decorative base, TSB203 sign frame, and TSB60 post topper to match finish of post.			As needed.

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Design Elements

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Brasco Bayline Series Enhanced Shelter	Brasco Bayline series bus shelter with a living green roof and solar panels.	Approximately \$15,000.00.	Green Roof requires watering depending on climatic conditions.	Subject to funding and ridership demand needed to justify the special enhancements.
NJ Transit Enhanced Fair Lawn Style Handi-hut Bus Shelter	Handi-Hut – Black Fair Lawn style bus shelter model provided by NJ TRANSIT and enhanced with the Princeton Logo located within the sides of the barrel roof and solar panels.	Approximately \$850.00 for enhancements; base shelter is provided by NJ Transit.	Municipality is responsible for maintenance of shelter as a requirement of NJ Transit providing bus shelter.	When Needed.
Multi-space parking pay station	T2Systems – UNIFI Parking Management Platform – Digital Luke II pay stations.	Subject to further study as pay station is part of a larger parking management software and platform.	Dependent on changes in technology and management software.	When Needed.

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Existing View



With Enhancements



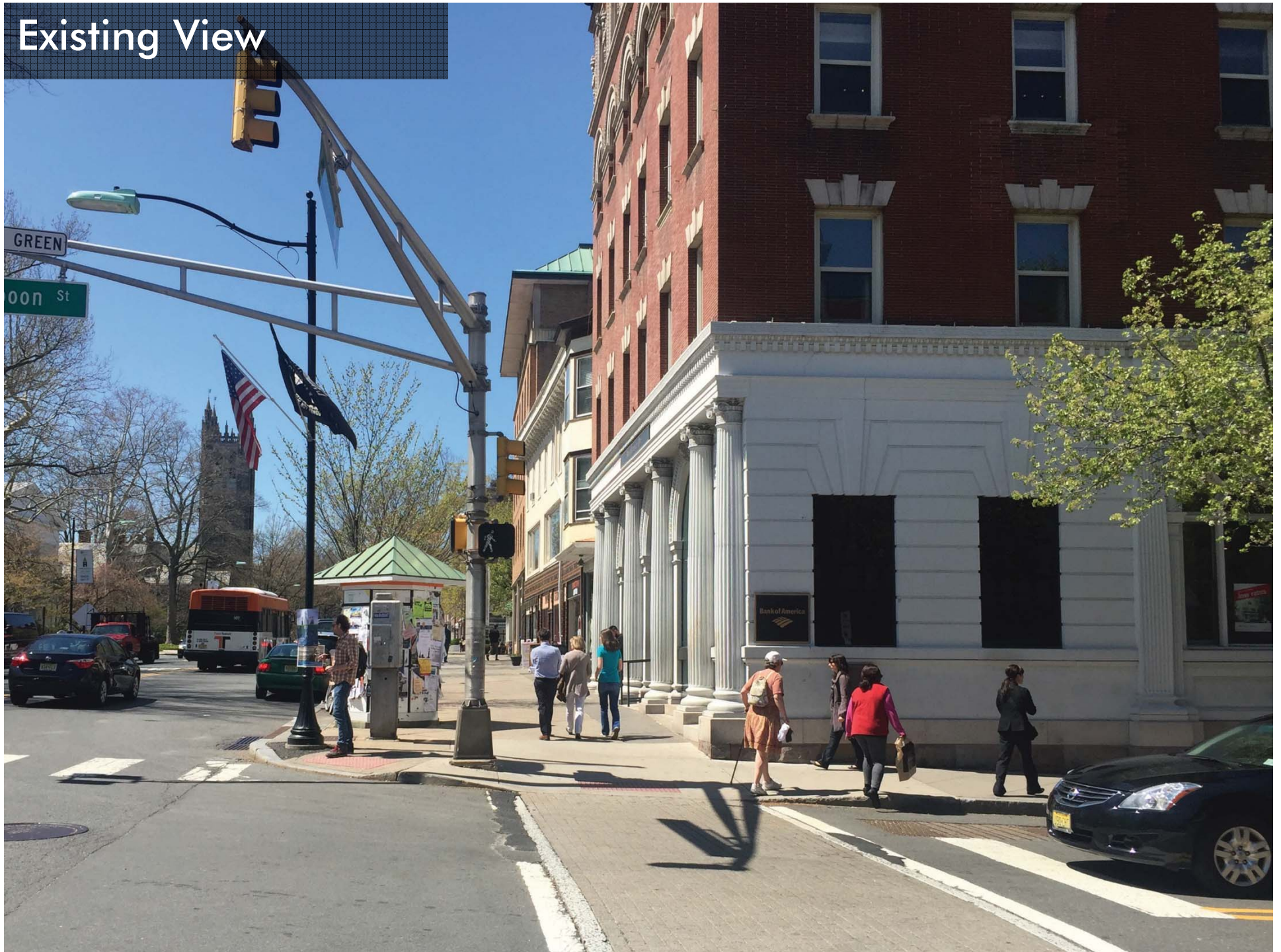
Existing View



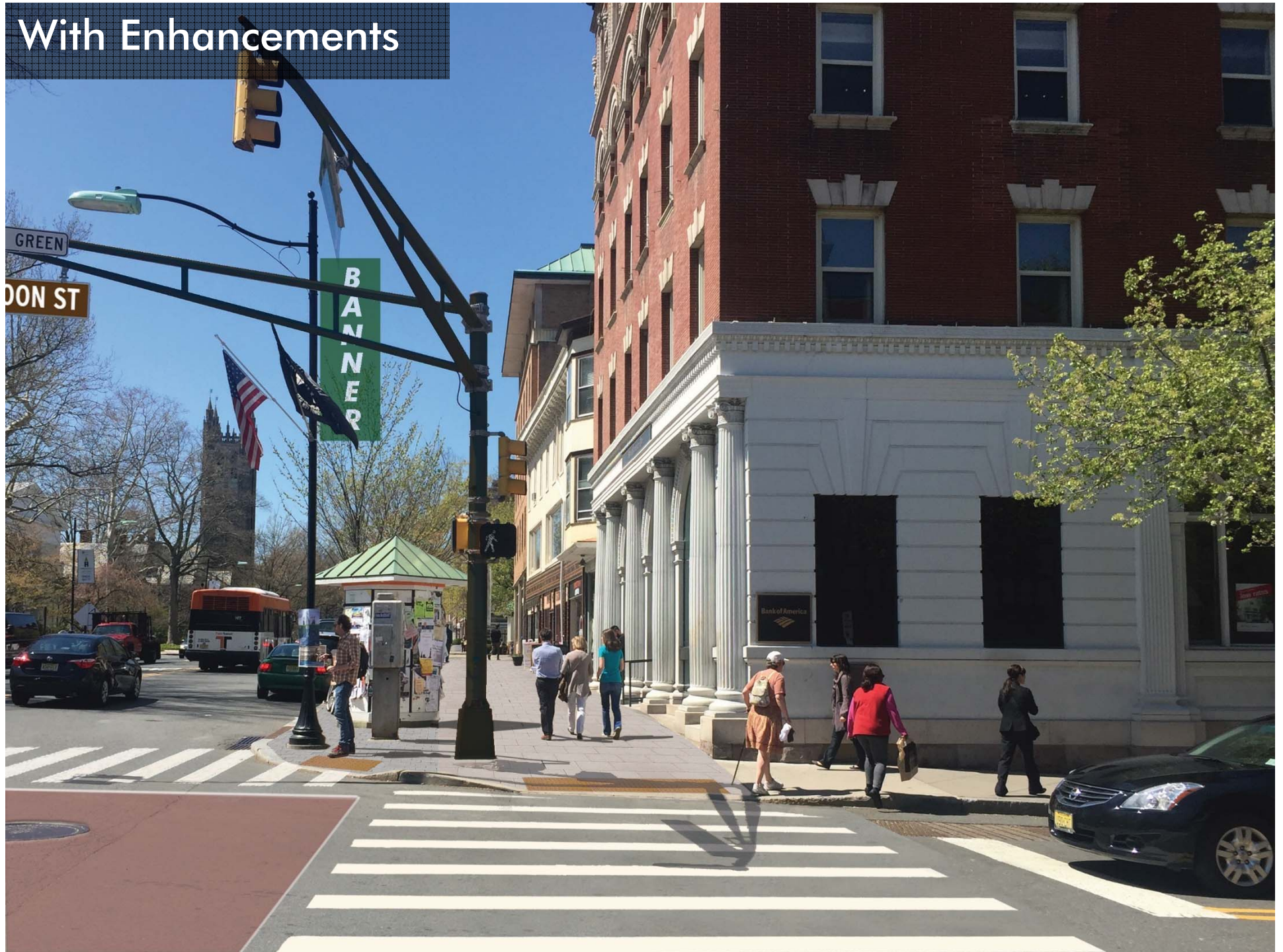
With Enhancements



Existing View



With Enhancements



Existing View



With Enhancements



Existing View



With Enhancements



Existing View



With Enhancements

