



PRINCETON
MAYOR AND COUNCIL OF PRINCETON
MINUTES • OCTOBER 10, 2016

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 October 7, 2016 at 11:35 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 Deputy Clerk then called the roll.

Present: Council President Liverman, Councilwoman Butler, Councilman Miller, Councilman Simon, Councilwoman Howard (6:45 PM) and Mayor Lempert (6:45 PM)

Absent: Councilwoman Crumiller

Also Present: Marc Dashield, Administrator, Trishka Cecil, Esq., Mason, Griffin and Pierson and Martin Allen, Esq., DiFrancesco, Bateman, Kunzman, Davis, Leher & Flaum, P.C.

A motion to amend the closed session resolution to include Fields vs. Trustees of Princeton, et al was made by Councilwoman Butler, seconded by Councilman Simon and carried unanimously by those present.

III. 6:00 P.M. CLOSED SESSION

1.16-281 Closed Session Resolution - Matters involving employment and contract negotiations and falling within the attorney-client privilege regarding terms of two separation from employment agreements and contract negotiations with Princeton First Aid and Rescue Squad.

Martin Allen discussed with Council the Fields v. Trustees of Princeton et al tax appeals.

Mayor Lempert and Councilwoman Howard joined closed session at 6:45 p.m. for Administrator Dashield's update concerning negotiations with Princeton First Aid and Rescue Squad.

IV. 7:00 P.M. OPEN SESSION

V. PLEDGE OF ALLEGIANCE

The audience participated in the pledge of allegiance.

VI. ANNOUNCEMENTS

Councilwoman Howard said the Health Department Flu Clinic is scheduled for October 18, 2016 from 1:00 to 6:00 p.m.

Councilman Simon announced a walk event at the newly restored trails at the Woodfield Reservation on October 15, 2016, from 10:00 a.m. to 12:00 noon.

Mayor Lempert reminded everyone that October 18, 2016 is the last day to register to vote in New Jersey and that also on October 18, 2016 the Library will be holding an event on Racial Literacy.

VII. COMMENTS FROM THE PUBLIC FOR ITEMS NOT ON THE AGENDA

No public comment was made.

VIII. APPROVAL OF MINUTES

1. June 13, 2016

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Jo Butler, Councilwoman
SECONDER:	Bernard Miller, Councilman
AYES:	Howard, Miller, Liverman, Butler, Simon
ABSENT:	Crumiller

IX. PRESENTATION

1. 16-282 Steel from World Trade Center, Ray Wadsworth

Ray Wadsworth, Spruce Street, said that he will be going to Nicaragua on October 27, 2016 to check on the fire truck from Princeton that was recently delivered.

He also reported that St. Paul's Church has offered to display the World Trade Center beam on its property in an area they are renovating along with installing a prayer garden.

Councilman Miller moved approval of a resolution authorizing the public display of the World Trade Center beam to be displayed by St. Paul's Church. The motion was seconded by Councilwoman Butler and carried unanimously by those present.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Bernard Miller, Councilman
SECONDER:	Jo Butler, Councilwoman
AYES:	Howard, Miller, Liverman, Butler, Simon
ABSENT:	Crumiller

2. Stony Brook Regional Sewerage Authority, David Goldfarb

David Goldfarb, Chair, Sewer Operating Committee and Stony Brook Regional Sewerage Authority, gave a brief overview of the Stony Brook Regional Sewerage

Authority and reviewed with Council a presentation of the History of Total Expenditures, Participant Charges, Sludge Revenues and Retained Earning; Average Daily Flows; 2017 Budget and Flow and Service Charges. Mr. Goldfarb also urged Council to look carefully at the age of our system, it is leaky and needs replacing. (Presentation attached)

X. REPORTS

1. Finance Presentation, Marc Dashield, Administrator

Administrator Marc Dashield reviewed with Council a proposed policy for an annual review by departments of municipal fees and charges to ensure that we focus on these revenue sources on an annual basis. He said that each department shall include an evaluation of fees and charges with a recommendation to hold the fees at the current rate or recommend fee increases as part of their annual budget submission.

Mr. Dashield also reviewed with Council the five-year financial forecast. He explained that staff has reviewed revenues and expenditures dating back to 2012 and developed a preliminary forecast. The purpose of the forecast is to provide a planning tool for both short and long term strategies. The forecast is not intended to predict the future but to identify trends that can assist in preparation of the next year's budget.

2. 2016 Best Practices Inventory, Sandra Webb, Chief Financial Officer

Sandra Webb, Chief Financial Officer reviewed with Council the Best Practices Inventory. She noted that of the thirty questions asked we currently have answered Yes to twenty nine of them. She said the only one we could not answer Yes to was "did we adopt our budget on time"? She noted that we did not adopt our budget on time due to the amendment to the budget.

COUNCIL AND STAFF REPORTS

Councilwoman Howard reported that the Human Services Holiday Gift Drive has started.

Councilman Miller said that the kick-off meeting for the Solar Array on the top deck of the Spring Street Garage was held today. He said proposals will be received in the first quarter of 2017.

Council President Liverman said that he attended the Unity Walk held October 8, 2016 and served on a panel.

Councilwoman Butler reported that the pool staff is working on a possible leak in the diving well and that the Recreation Fall/Winter brochure is out and is available on line.

Mayor Lempert reported on the Planning Neighborhood and Zoning Initiative meeting held September 27, 2016. She also said that in connection with the Greater Mercer TMA the Street Smart Campaign kicked off. Mayor Lempert also reported on a small pop up library at Marquand Park.

Deanna Stockton, Municipal Engineer, gave an update to Council on the Snowden Lane Road Project and the Pardoe Road and North Road Project. She also said that they are seeking Request for Proposals for Princeton Parking, for inventory, analysis and recommendations to support economic growth.

XI. WORK SESSION

1. 2016-39 Version as proposed by Councilman Simon AN ORDINANCE BY THE MUNICIPALITY OF PRINCETON CONCERNING TREES AND SHRUBS AND AMENDING THE “CODE OF THE TOWNSHIP OF PRINCETON, NEW JERSEY, 1968.”
2. 2016-40 Version as proposed by Princeton Shade Tree Commission AN ORDINANCE BY THE MUNICIPALITY OF PRINCETON CONCERNING TREES AND SHRUBS AND SPECIFICALLY THE INFESTATION OF THE EMERALD ASH BORER, AND AMENDING THE “CODE OF THE TOWNSHIP OF PRINCETON, NEW JERSEY, 1968.”

Lorraine Konopka, Arborist, Janet Stern, Shade Tree Commission and Lisa Maddox, Esq., Mason, Griffin and Pierson were present for this portion of the meeting. After a discussion concerning exceptions, exclusions and permit requirements it was the consensus of Council to introduce 2016-40 (Shade Tree Commission version) with the following amendment: Sec 22-12 (g) (2) There is no requirement for a permit application to include a tree replacement plan under section 22-13(d), except that there is a recommended tree replacement goal of ten percent of removed Ash trees, with a recommended goal of a minimum of one tree replanted per application. The replanted tree(s) (if any) shall, if site conditions permit, be planted in the same or contiguous location(s) on the premises.

Mayor Lempert read by title an ordinance entitled: **2016-40 AN ORDINANCE BY THE MUNICIPALITY OF PRINCETON CONCERNING TREES AND SHRUBS AND SPECIFICALLY THE INFESTATION OF THE EMERALD ASH BORER, AND AMENDING THE “CODE OF THE TOWNSHIP OF PRINCETON, NEW JERSEY, 1968”** as amended to include the above wording. The public hearing was scheduled for October 24, 2016.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Lance Liverman, Council President
SECONDER:	Bernard Miller, Councilman
AYES:	Howard, Miller, Liverman, Butler, Simon
ABSENT:	Crumiller

3. Streetscape Design Standards for Nassau Street

Jim Constantine of Looney, Ricks and Kiss, gave a presentation on the Nassau Street Streetscape which included photos of existing conditions and photos of the design enhancements. He noted the design standards establish a standardized design 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. (Presentation and complete study attached)

XII. ORDINANCE INTRODUCTION

1. Mayor Lempert read by title an ordinance entitled: 2016-41 AN ORDINANCE BY PRINCETON ACCEPTING THE DONATION OF VACANT REAL PROPERTY LOCATED AT 224 CHERRY VALLEY ROAD AND DESIGNATED AS BLOCK 601, LOT 2 ON THE PRINCETON TAX MAPS. The public hearing was scheduled for October 24, 2016.

RESULT:	INTRODUCED [UNANIMOUS]
MOVER:	Heather Howard, Councilwoman
SECONDER:	Bernard Miller, Councilman
AYES:	Howard, Miller, Liverman, Butler, Simon
ABSENT:	Crumiller

XIII. RESOLUTIONS

1. 16-283 Student Recognition, Shade Tree Commission

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Lance Liverman, Council President
SECONDER:	Bernard Miller, Councilman
AYES:	Howard, Miller, Liverman, Butler, Simon
ABSENT:	Crumiller

2. 16-284 Award of Contract to Global Environmental Products, Inc. Through the Houston - Galveston Area Council ("H-GAC") Cooperative Purchasing Agreement for a Global Sweeping 4 - Wheel Mechanical Sweeper (Model M4) for use by the Department of Public Works in the Amount of \$260,304.70

RESULT: ADOPTED [UNANIMOUS]
MOVER: Heather Howard, Councilwoman
SECONDER: Lance Liverman, Council President
AYES: Howard, Miller, Liverman, Butler, Simon
ABSENT: Crumiller

3. 16-285 Authorizing the Termination of the Contract Known as the Placement and Removal of Solid Waste Dumpsters with Future Sanitation, Inc.

RESULT: ADOPTED [UNANIMOUS]
MOVER: Patrick Simon, Councilman
SECONDER: Lance Liverman, Council President
AYES: Howard, Miller, Liverman, Butler, Simon
ABSENT: Crumiller

4. 16-286 Opposing Assembly Bill 3888 and Senate Bill 2212 Prohibiting Certain Third-party Property Tax Appeals

RESULT: ADOPTED [UNANIMOUS]
MOVER: Bernard Miller, Councilman
SECONDER: Lance Liverman, Council President
AYES: Howard, Miller, Liverman, Butler, Simon
ABSENT: Crumiller

XIV. CONSENT AGENDA

RESULT: ADOPTED [UNANIMOUS]
MOVER: Heather Howard, Councilwoman
SECONDER: Lance Liverman, Council President
AYES: Howard, Miller, Liverman, Butler, Simon
ABSENT: Crumiller

1. Bills & Claims
2. 16-287 Resolution Authorizing Adjustment of Sewer Billing for 2015, Block 7402 Lot 18, 32 Monroe Lane, \$25,807.35
3. 16-288 Resolution: Chapter 159 Special Budget Item, Mercer County Body Camera Grant, \$15,000.00
4. 16-289 Resolution: Chapter 159, Special Budget Item, Drunk Driving Enforcement Fund, \$7,350.81

XV. CLOSED SESSION (CONTINUATION OF ABOVE IF NECESSARY)

Councilman Miller made a motion to return to closed session, a continuation of the above, the motion was seconded by Council President Liverman and carried unanimously by those present.

Matters involving employment and contract negotiations and falling within the attorney-client privilege regarding terms of two separation from employment agreements and contract negotiations with Princeton First Aid and Rescue Squad.

XVI. ADJOURNMENT

There being no further business, the meeting was adjourned at 9:50 p.m.

Kathleen Brzezynski, Deputy Clerk



RESOLUTION 16-281

Closed Session Resolution - Matters involving employment and contract negotiations, and matters falling within the attorney-client privilege, regarding terms of two separation from employment agreements and contract negotiations with Princeton First Aid and Rescue Squad

**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:

Matters involving employment and contract negotiations, and matters falling within the attorney-client privilege, regarding terms of two separation from employment agreements and contract negotiations with Princeton First Aid and Rescue Squad

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

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

I, Kathleen K. Brzezynski, Deputy 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 October 10, 2016.

Kathleen K. Brzezynski, Deputy Clerk



RESOLUTION 16-282

Steel from World Trade Center, Ray Wadsworth

**RESOLUTION AUTHORIZING THE DISPLAY OF THE WORLD TRADE CENTER
BEAM ON THE PROPERTY OF ST. PAUL'S CHURCH, 214 NASSAU STREET,
PRINCETON, NEW JERSEY**

WHEREAS, the Port Authority of New York and New Jersey has made available to Princeton a beam from the former World Trade Center in order to commemorate and forever remember the events of September 11, 2001; and

WHEREAS, St. Paul's Church has offered to display the beam on their property located at 214 Nassau Street, Princeton, New Jersey; and

WHEREAS, Princeton wishes to authorize the public display of the World Trade Center beam.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of Princeton on this 10th day of October, 2016 as follows:

1. The World Trade Center beam presented to Princeton shall be displayed by St. Paul's Church on their property located at 214 Nassau Street, Princeton, New Jersey.
2. The display of the World Trade Center beam shall be coordinated with representatives of the Princeton Fire Department and said display shall be open to the general public.
3. A certified true copy of this Resolution shall be furnished to St. Paul's Church and the Princeton Fire Company upon its adoption.

I, **Kathleen K. Brzezynski**, Deputy 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 at its meeting held October 10, 2016.



Kathleen K. Brzezynski, Deputy Clerk

RESOLUTION 16-283
OF THE MAYOR AND COUNCIL OF PRINCETON
Student Recognition, Shade Tree Commission

WHEREAS, The Shade Tree Commission would like to recognize the efforts of three college students in updating the ash street tree inventory; and

WHEREAS, Princeton residents Lynn DiFerdinando and Keshav Pothridy spent a total of 90.5 hours surveying ash trees in six sections of town, assessing their relative vigor, comparing their findings with the Davey TreeKeeper inventory and recording their results for entry into the database; and

WHEREAS, Princeton resident Bria Wallace served as a part time data entry person, prepped all the field sheets, printed out specific pages of the Davey TreeKeeper inventory, collected data to be used in the Emerald Ash Borer Assessment report and in general kept the group organized; and

WHEREAS, the work of these three students helped to advance the goal of updating the ash street tree data to more accurately reflect the field status, and kept the Shade Tree Commission better informed as they develop an EAB/ Ash management proposal for Council.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of Princeton that we recognize Lynn, Keshav and Bria for their hard work and thank them in helping to advance the goals of the Shade Tree Commission.

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

I, Kathleen K. Brzezynski, Deputy 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 October 10, 2016.



Kathleen K. Brzezynski, Deputy Clerk

Princeton

Resolution 2016-284

**AWARD OF CONTRACT TO GLOBAL ENVIRONMENTAL PRODUCTS, INC.
THROUGH THE HOUSTON - GALVESTON AREA COUNCIL ("H-GAC")
COOPERATIVE PURCHASING AGREEMENT FOR A GLOBAL SWEEPING
4 - WHEEL MECHANICAL SWEEPER (MODEL M4) FOR USE BY THE
DEPARTMENT OF PUBLIC WORKS IN THE AMOUNT OF \$260,304.70**

WHEREAS, the Department of Infrastructure and Operations (“Department”) recommends that Princeton procure new street cleaning equipment for purposes of cleaning the municipality’s streets; and

WHEREAS, the Department has researched vendors that would achieve the Department’s goals and determined that the sought-after equipment may be procured through a nationally-recognized and accepted cooperative purchasing contract in effect until March 31, 2018 between the Houston-Galveston Area Council (“H-GAC”) and Global Environmental Products, Inc. (“Global”); and

WHEREAS, pursuant to N.J.S.A. 52:34-6.2b.(3) (as amended by P.L. 2011, c.139) and LFN 2012-10, a New Jersey municipality may purchase goods and services without public bidding under the Local Public Contracts Law through the use of a nationally-recognized and accepted cooperative purchasing contract that has been developed utilizing a competitive bidding or contracting process by another contracting unit within New Jersey or another state; and

WHEREAS, H-GAC is a regional organization of governments operating under the laws of the State of Texas and is a political subdivision of the State of Texas; and

WHEREAS, the subject cooperative purchasing contract was awarded by H-GAC to Global utilizing a competitive contracting process; and

WHEREAS, also pursuant to N.J.S.A. 52:34-6.2b.(3) (as amended by P.L. 2011, c.139) and LFN 2012-10, prior to making purchases under nationally-recognized and accepted cooperative purchasing contracts, the municipality must determine that the use of the cooperative purchasing contract shall result in cost savings after all factors, including charges for service, material, and delivery, have been considered; and

WHEREAS, the Department has determined that Princeton's use of the H-GAC cooperative purchasing contract to procure the sought-after street cleaning equipment will result in cost savings to Princeton; and

WHEREAS, consistent with the H-GAC cooperative purchasing contract and needs of Princeton, Global has submitted a proposal to provide one (1) Global Sweeping 4-Wheel Mechanical Sweeper (Model M4) to Princeton, within 90 days of execution of purchase order for same for the sum of \$260,304.70; and

WHEREAS, the Chief Financial Officer has certified that sufficient funds are available for this purchase.

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

1. The foregoing "Whereas" clauses are hereby incorporated as if fully restated.
2. A contract for the purchase of one (1) Global Sweeping 4-Wheel Mechanical Sweeper (Model M4) for the sum of \$260,304.70 is hereby awarded to Global Environmental Products, Inc. without public bidding as permitted by law.

3. The Mayor and Clerk are hereby authorized and directed to execute an “End User Agreement” with Global Environmental Products, Inc. pursuant to the terms of its nationally-recognized and accepted cooperative purchasing agreement with the Houston-Galveston Area Council.
4. The form and terms of the End User Agreement shall be consistent with this resolution is subject to the approval of the Municipal Attorney’s office.

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

I, Kathleen K. Brzezynski, Deputy 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 October 10, 2016.



Kathleen K. Brzezynski, Deputy Clerk

**Princeton
Resolution 2016-285**

**AUTHORIZING THE TERMINATION OF THE CONTRACT KNOWN AS THE
PLACEMENT AND REMOVAL OF SOLID WASTE DUMPSTERS WITH
FUTURE SANITATION, INC.**

WHEREAS, on or about June 8, 2015, Princeton entered into an agreement for the Placement and Removal of Solid Waste Dumpsters for 2015 and 2016 (“Agreement”) with Future Sanitation, Inc. (“Future”); and

WHEREAS, the services under this Agreement involved the placement of two to four thirty-cubic-yard dumpsters at the Princeton Sewer Operating Committee (“PSOC”) Solid Waste Convenience Center on River Road in Princeton, and removal of full dumpsters on a weekly basis as designated by the PSOC; and

WHEREAS, as per the Contract Documents governing this Agreement, Future’s services are scheduled to continue until the Agreement terminates on December 31, 2016; and

WHEREAS, Future has not been performing the services under the Agreement as required under the Contract Documents, and specifically has failed to pick up, and dispose the waste from, the dumpsters as requested per the Contract Documents on several occasions since at least July 11, 2016, and has abandoned the services under the Agreement altogether since August 8, 2016; and

WHEREAS, Princeton has also learned that Future owes a debt to the Mercer County Improvement Authority which is precluding Future from disposing waste at its facility; and

WHEREAS, on September 1, 2016, in consultation with Director of Infrastructure Operations/Manager of the PSOC (“Director”) and Administrator, the Municipal Attorney’s Office sent a letter and notice to Future specifying in detail its default under the Agreement and

providing ten (10) days' notice to Future that Princeton intends to exercise its right to terminate its Agreement with Future, a copy of which letter and notice is on file in the Clerk's office; and

WHEREAS, in response to the September 1st letter, Future's attorney requested that Princeton consider executing an agreement with Future amicably terminating the 2015-2016 Agreement and resolving all outstanding matters in connection with same; and

WHEREAS, as a result, the Director recommended that the Council wait to terminate the Agreement with Future so that the parties could explore an amicable resolution; and

WHEREAS, since that time Princeton has attempted by telephone and written communication to amicably resolve the matter with Future Sanitation and has not received the requisite information that would enable it to do so; and

WHEREAS, by Resolution 16-252, as a result of Future's default and the need to continue the waste hauling and disposal services at the Solid Waste Convenience Center, the Council authorized the Administrator to execute a short-term agreement not to exceed \$15,000 for another contractor to provide the requisite services and until such time as a new multi-year contract may be solicited and awarded pursuant to the Local Public Contracts Law; and

WHEREAS, the municipality is in the process of soliciting bids for a new multi-year agreement; and

WHEREAS, at this time the Director requests and recommends that the Council terminate its Agreement with Future.

NOW, THEREFORE, BE IT RESOLVED by the Council of the Municipality of Princeton, County of Mercer, State of New Jersey that the June 8, 2015 Agreement between Princeton and Future Sanitation, Inc. for the Placement and Removal of Solid Waste Dumpsters for 2015 and 2016 ("Agreement") is hereby terminated on the basis of Future Sanitation, Inc.'s

default under same, as more specifically outlined in the Municipal Attorney's Office's September 1, 2016 letter and notice to Future Sanitation, Inc.

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

I, Kathleen K. Brzezynski, Deputy 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 October 10, 2016.



Kathleen K. Brzezynski, Deputy Clerk



RESOLUTION 16-286

Opposing Assembly Bill 3888 and Senate Bill 2212 Prohibiting Certain Third-party Property Tax Appeals

WHEREAS Assembly Bill A3888 and its Senate companion, S2212 takes away the existing right of a taxpayer to appeal either an assessment or an exemption or both that is granted to another taxpayer;

WHEREAS residents should have the right to challenge the assessment of anyone else in the same county who they reasonably believe is underassessed, and should also have the right to challenge the tax exempt status of anyone else in the same county who they reasonably believe is not exempt under the law;

WHEREAS third party appeals are rare but important tools to insure fairness in tax assessments;

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

- 1. Princeton Mayor and Council oppose Assembly Bill A3888 and its Senate companion, S2212
2. A certified true copy of this resolution shall be furnished upon its adoption to: Assemblyman Jack Ciatterelli, Assemblyman Andrew Zwicker, State Senator Kip Bateman, and Assemblyman Reed Gusciora and Martin Allen, Esq.

Table with 9 columns: Councilperson, Absent, Present, 1st, 2nd, Yea, Nay, Abstain, Disqualified. Rows include Ms. Butler, Ms. Crumiller, Ms. Howard, Mr. Simon, Mr. Liverman, Mr. Miller, and Mayor Lempert.

I, Kathleen K. Brzezynski, Deputy 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 October 10, 2016.

[Signature]
Kathleen K. Brzezynski, Deputy Clerk



RESOLUTION 16-287

**Resolution Authorizing Adjustment of Sewer Billing for 2015, Block
7402 Lot 18, 32 Monroe Lane, \$25,807.35**

**A RESOLUTION AUTHORIZING ADJUSTMENT OF
THE SEWER BILLING FOR BL-7402 LT-18 FOR THE
TAX YEAR 2015**

WHEREAS, the 2016 Extended Tax Duplicate listed Block 7402 Lot 18, is owned by Helen M. Hunt;

WHEREAS, 2015 sewer should be reduced by \$25,807.35, and;

WHEREAS, it is the desire of the Mayor and Council of Princeton to adjust bl-7402 lt-18 in the amount of \$25,807.35 for 2015

WHEREAS, 32 Monroe Lane has documented a water leak in 2014 and is being billed for the usage in 2015 and;

WHEREAS, it is the desire of the Mayor and Council of Princeton to cancel the above listed sewer and credit the amount of \$25,807.35 for the tax year 2015 and 2016.

NOW, THEREFORE, BE IT RESOLVED on this 10th day of October, 2016, by the Mayor and Council of Princeton, County of Mercer, State of New Jersey, that the following sewer amount is hereby canceled and the Princeton Tax Collector is authorized to adjust her records, and is hereby released from the collection of the same.

2015	\$25,807.35	Block 7402 Lot 18
		Location-32 Monroe Lane

I, Kathleen K. Brzezynski, Deputy Clerk of Princeton, in the County of Mercer, in the State of New Jersey, do hereby certify that the foregoing is a correct and true copy of a resolution adopted by the Mayor and Council of Princeton, NJ at a meeting held October 10th, 2016.


Kathleen K. Brzezynski, Deputy Clerk



RESOLUTION 16-288

Resolution: Chapter 159 Special Budget Item, Mercer County Body Camera Grant, \$15,000.00

MERCER COUNTY BODY CAMERA GRANT

WHEREAS, N.J.S.A. 40A:4-87 provides that the Director of the Division of Local Government Services may approve the insertion of any special item of revenue in the budget of any county or municipality when such item shall have been made available by law and the amount thereof was not determined at the time of the adoption of the Budget; and

WHEREAS, said Director may also approve the insertion of an item of appropriation for equal amount.

SECTION 1.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Council of Princeton hereby requests the Director of the Division of Local Government Services to approve the insertion of an item of revenue in the sum of \$15,000 is now available as a miscellaneous revenue anticipated from "Mercer County Body Camera Grant" and

SECTION 2.

BE IT FURTHER RESOLVED, that a like sum \$15,000 be and the same is hereby appropriated under the caption of "Mercer County Body Camera Grant."

Table with 9 columns: Councilperson, Absent, Present, 1st, 2nd, Yea, Nay, Abstain, Disqualified. Rows include Ms. Butler, Ms. Crumiller, Ms. Howard, Mr. Simon, Mr. Liverman, Mr. Miller, and Mayor Lempert.

I, Kathleen K. Brzezynski, Deputy 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 October 10, 2016

[Signature]
Kathleen K. Brzezynski, Deputy Clerk



RESOLUTION 16-289

Resolution: Chapter 159, Special Budget Item, Drunk Driving Enforcement Fund, \$7,350.81

DRUNK DRIVING ENFORCEMENT

WHEREAS, N.J.S.A. 40A:4-87 provides that the Director of the Division of Local Government Services may approve the insertion of any special item of revenue in the budget of any county or municipality when such item shall have been made available by law and the amount thereof was not determined at the time of the adoption of the Budget; and

WHEREAS, said Director may also approve the insertion of an item of appropriation for equal amount.

SECTION 1.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Council of Princeton hereby requests the Director of the Division of Local Government Services to approve the insertion of an item of revenue in the sum of \$7,350.81 is now available as a miscellaneous revenue anticipated from "State of New Jersey - Drunk Driving Enforcement Fund" and

SECTION 2.

BE IT FURTHER RESOLVED, that a like sum \$7,350.81 be and the same is hereby appropriated under the caption of "State of New Jersey - Drunk Driving Enforcement Fund"

Table with 9 columns: Councilperson, Absent, Present, 1st, 2nd, Yea, Nay, Abstain, Disqualified. Rows include Ms. Butler, Ms. Crumiller, Ms. Howard, Mr. Simon, Mr. Liverman, Mr. Miller, and Mayor Lempert.

I, Kathleen K. Brzezynski, Deputy 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 October 10, 2016.

[Signature]
Kathleen K. Brzezynski, Deputy Clerk



Mayor and Council
400 Witherspoon Street
Princeton, NJ 08540

Meeting: 10/10/16 06:00 PM
Department: Clerk

AGENDA ITEM

Bills & Claims

ATTACHMENTS:

- Bills & Claims (PDF)

List of Bills - Clearing Claims
Meeting Date: 10/10/2016 For bills from 09/27/2016 to 10/06/2016

Vendor	Description	Payment	Check Total
3321 - 342 NASSAU STREET LLC	PO 22990 REFUND AND CLOSE 342 NASSAU STREET	193.49	193.49
2425 - ACCSES NEW JERSEY, INC	PO 20477 BLANKET \ BUILDINGS & GROUNDS	2,955.96	2,955.96
915 - ACE TOPSOIL	PO 20478 BLANKET -\HORTICULTURAL MATERIALS	351.89	351.89
1873 - AGIN SIGNS & DESIGNS	PO 22884 HI-INTENSITY CHEVRONS FOR REAR TAIL	200.00	200.00
2759 - ALERT-ALL CORPORATION	PO 22880 IMP ECONOMY RED-PENCILS JR FF MALTE	2,360.50	2,360.50
2365 - ALLIE, ROBERT	PO 22934 2016 MEDICAL REIMBURSEMENT	624.00	624.00
35 - ALVARADO, ROGELIO	PO 22903 CELL PHONE APRIL-SEPTEMBER 2016	120.00	120.00
57 - AT&T	PO 20534 BLANKET \ MONTHLY CHARGES	39.09	39.09
1567 - AUDIO SERVICES	PO 22879 REPAIR TO AUDIO EQUIPMENT IN MAIN M	1,715.00	1,715.00
2003 - BARR, R. DONALD	PO 23002 3RD QRT RETIREE MED	3,125.00	3,125.00
3041 - BARSON, NATE	PO 22733 ACCREDITATION STAFF MEETING LUNCH -	138.36	
	PO 22856 ACCREDITATION STAFF MEETING LUNCH	72.33	210.69
63 - BISH SALES & SERVICE	PO 20490 BLANKET - BUILDINGS & GROUNDS	323.90	
	PO 22776 SAW FOR DPW	840.00	1,163.90
967 - BRAND BUILDERS	PO 22692 RAIN BARRELS	2,681.25	2,681.25
463 - BRITTON INDUSTRIES, INC.	PO 20496 BLANKET - TIPPING LOGS & BRUSH	441.90	441.90
1959 - BROADVIEW NETWORKS	PO 22995 8/24/16 - 9/23/16 ACCT.#609688AAAJ	1,712.28	1,712.28
83 - BUCKS COUNTY INTERNATIONAL INC	PO 20553 BLANKET - TRUCK PARTS	554.91	
	PO 20553 BLANKET - TRUCK PARTS	210.98	
	PO 20553 BLANKET - TRUCK PARTS	104.70	870.59
16 - BUSINESS BISTRO INC.	PO 20796 BLANKET\ MEETING	659.00	659.00
53 - CAMMPS	PO 20500 BLANKET - SEWER HARDWARE & MINOR TO	1,105.43	
	PO 21590 BLANKET / MATERIALS & SUPPLIES	201.94	1,307.37
93 - CDW GOVERNMENT, INC.	PO 22787 MICROSOFT SURFACE PRO 4 FOR DEPARTM	7,725.00	7,725.00
1913 - CENTURY OFFICE PRODUCTS	PO 22891 COPY MACHINE CONTRACT (QUARTERLY)	1,091.00	1,091.00
852 - CEUNION	PO 22896 ETHICAL CULTURE 2017 WORKSHOP , @ C	89.00	89.00
1905 - CHEMTREAT, INC	PO 20588 BLANKET / WATER TREATMENT	480.65	480.65
1732 - COMCAST BUSINESS	PO 21114 BLANKET \ COMCAST	5,896.54	5,896.54
106 - COMMUNICATIONS SPECIALISTS INC.	PO 20516 BLANKET \ MONTHLY MAINTENANCE AND R	138.00	138.00
1872 - CONTE'S BAR/PIZZA	PO 20795 BLANKET\ MEETING	230.00	
	PO 22797 YOUTH ACADEMY	92.00	322.00
2514 - COUNTY OF MERCER DEPT OF TRANSP. &	PO 22849 REPLACED 4 GREEN LED CIRCULAR SIGNA	135.38	135.38
3039 - CUSTOMINK	PO 22716 TRI-POCKET SPORT DUFFEL BAG+ ORANGE	1,232.88	1,232.88
777 - DELL MARKETING L.P.	PO 22708 POWER EDGE R730XD SERVER	3,657.00	3,657.00
294 - EA PROPERTIES, LLC	PO 21494 1st Quarter Lease Payment for Grigg	11,911.22	11,911.22
1256 - EASTERN ARMORED SERVICES, INC.	PO 16629 RESOLUTION # 2015-25 / ARMORED CAR	8,352.00	8,352.00
1806 - EMANN, MARK V.	PO 23003 JULY AUG. SEPT QRT RETIREE MED	939.24	939.24
147 - FASTSIGNS INC.	PO 22807 BANNERS FOR SHREDTEMBERFEST 2016	3,034.01	
	PO 22830 FOR POLICE DEPARTMENT	869.50	3,903.51
1078 - FBI NAA - NJ	PO 22809 THIRD QUARTER MEETING - LT. CHRIS M	90.00	90.00
2460 - FERREIRA, ALINA	PO 22925 MILEAGE FOR TRAVEL TO RUTGERS, NEW	109.35	109.35
1789 - FIRST BYTE CORP	PO 22848 USB TO SERIAL ADAPTERS FOR TAX COLL	74.85	74.85
2779 - FLEMINGTON DODGE-CHRYLSEER-JEEP	PO 20596 BLANKET - DODGE AUTO PARTS	40.22	
	PO 20596 BLANKET - DODGE AUTO PARTS	36.88	77.10
155 - FOSTER & COMPANY, INC.	PO 20598 BLANKET SHOP SUPPLIES	135.47	
	PO 20598 BLANKET SHOP SUPPLIES	52.97	
	PO 20620 BLANKET / GARAGE EXPENSES	491.56	680.00
402 - FYR-FYTER SALES SERVICE INC.	PO 21470 BLANKET/SERVICE	324.32	324.32
2246 - GENSERVE INC.	PO 20618 BLANKET / REPAIR & MAINTENANCE	4,970.00	4,970.00
170 - GRAINGER	PO 21790 BLANKET PO - SUPPLIES	87.24	87.24
172 - GREATER MERCER TMA	PO 22919 FREE B SCHEDULE	586.88	586.88
2098 - GROFF TRACTOR NEW JERSEY, LLC.	PO 20633 BLANKET/ EQUIPMENT PARTS	44.78	
	PO 20633 BLANKET/ EQUIPMENT PARTS	339.00	
	PO 20633 BLANKET/ EQUIPMENT PARTS	44.78	428.56
2782 - GROSSER, JEFFREY C.	PO 22961 ACCREDITATION LUNCH	30.00	30.00
290 - GUSCIORA, WALTER REED	PO 21034 RESOLUTION # 2016-5: PROSECUTOR	17,500.00	17,500.00
3246 - HAMILTON AVENUE AT PRINCETON CONDO	PO 22334 BLANKET- HOA FEE 105 HAMILTON AVE	207.00	207.00
179 - HARTER EQUIPMENT INC.	PO 20635 BLANKET EQUIPMENT PARTS	2,652.73	2,652.73
182 - HELIAS AUTOCRAFT	PO 20637 BLANKET BODY / PAINT WORK	615.00	615.00
1708 - HENDERSON, ANNETTE	PO 22822 2016 MEDICAL REIMBURSEMENT (COMPLET	252.05	252.05
189 - HINKSON'S	PO 22999 NAME PLATE FOR ZONING BOARD MEMBER	10.95	10.95
23 - HUGHES, THOMAS D.	PO 22900 CELL PHONE APRIL - SEPTEMEBR 2016	120.00	120.00
1667 - IAAI, INTER ASSOC OF ARSON INV	PO 22881 ACTIVE MEMBERSHIP FOR IAAI R. BUCKL	480.00	480.00
1041 - IACP MEMBERSHIP	PO 22273 IACP ANNUAL CONFERENCE REGISTRATION	1,400.00	1,400.00

List of Bills - Clearing Claims

Meeting Date: 10/10/2016 For bills from 09/27/2016 to 10/06/2016

Vendor	Description	Payment	Check Total
194 - INSTITUTE FOR PROFESSIONAL	PO 22975 BUDGET, PROCUREMENT AND ETHICS WORK	198.00	198.00
420 - INTEGRATED CONSTR & UTILITIES OF NJ	PO 22448 RESOLUTION # 2016-235: SNOWDEN LAN	131,761.00	
	PO 22750 119 SPRUCE ST EMERGENCY WORK TO REL	15,000.00	146,761.00
2508 - INTEGRATED TECHNICAL SYSTEMS, INC.	PO 21128 BLANKET / METERS	360.00	
	PO 21128 BLANKET / METERS	360.00	720.00
4 - J & D SALES	PO 22860 ASSY FOR NEW PRESSURE WASHER	164.46	164.46
882 - J.W. KENNEDY & SON WELDING SUPPLIES	PO 20640 BLANKET\ WELDING SUPPLIES	880.00	880.00
2907 - JAN PRO OF CENTRAL NJ	PO 20792 BLANKET/ CLEANING SERVICE	495.00	495.00
1649 - JERSEY ELEVATOR	PO 20609 BLANKET /REPAIRS & MAINTENANCE	428.85	428.85
539 - JOHN KURTZ JR INC	PO 22524 BLANKET - SAW REPAIR	137.27	137.27
1639 - JS WAGNER ELECTRIC, LLC.	PO 19941 ELECTRIC UPGRADE TO CP PARK	2,850.00	2,850.00
1853 - KORWIN, KATHY	PO 21986 RESOLUTION # 2015-370: PUBLIC HEAL	4,480.00	
	PO 21986 RESOLUTION # 2015-370: PUBLIC HEAL	4,380.00	8,860.00
75 - KOVI TOWING LLC	PO 20645 BLANKET TOWING SERVICE	195.00	
	PO 20645 BLANKET TOWING SERVICE	93.00	288.00
2903 - KYOCERA DOCUMENT SOLUTIONS	PO 20418 BLANKET \ SERVICES CONTRACT	3,024.50	3,024.50
181 - L-3 MOBILE-VISION, INC	PO 22558 REMOTE INSTALLATION	900.00	
	PO 22704 MOBILE DATA TERMINAL REPLACEMENT FO	9,746.70	10,646.70
244 - LEVINE, KEITH	PO 22777 RISK-BASED INSPECTION METHODS SEMIN	50.00	
	PO 22833 CELL PHONE SERVICE 6/5-7/4	40.00	
	PO 22956 CELL PHONE REIMBURSEMENT FOR AUGUST	20.00	
	PO 22957 MILEAGE TO RISK-BASED INSPECTION ME	106.92	216.92
314 - LINE SYSTEMS, INC.	PO 22966 #56132 SEPT 15, 2016	377.07	377.07
1570 - MAJESTIC OIL COMPANY	PO 20602 BLANKET / MOTOR FUELS	7,355.01	7,355.01
1568 - MAJOR CAR WASH	PO 20627 BLANKET CAR DETAIL SERVICE	85.00	85.00
251 - MAJOR POLICE SUPPLY	PO 22584 LIGHT BAR	1,009.65	
	PO 22789 REMOVE EXISTING RADIO AND INSTALL N	564.00	1,573.65
260 - MASER CONSULTING P.A.	PO 22952 PROFESSIONAL SERVICES FOR TRAFFIC A	2,663.15	2,663.15
2836 - MATHEWS, DONALD	PO 22862 MEALS FOR PTL. MATHEWS AND PINELLI	123.50	123.50
1556 - MAURER, GEOFFREY	PO 22962 2016 MEDICAL REIMBURSEMENT	429.18	429.18
1555 - MAYFLOWER CLEANERS LLC	PO 20593 BLANKET \DRY CLEANING	1,578.64	1,578.64
262 - MCCAFFREY'S CORPORATE	PO 22927 REFUND TO CLOSE OLD PRINCETON SHOPP	1,471.50	1,471.50
289 - MGL PRINTING SOLUTIONS	PO 20977 BLANKET \ PERMITS	3,552.00	3,552.00
295 - MILLER, PORTER & MULLER	PO 20250 ENCUMBRANCE ONLY	86.00	
	PO 23001 RESOLUTION # 2016-276: AVALON BAY	1,789.74	
	PO 23001 RESOLUTION # 2016-276: AVALON BAY	6,185.15	8,060.89
2936 - MORBIDITY & MORTALITY WEEKLY REPORT	PO 22434 1 YEAR SUBSCRIPTION TO MMWR WEEKLY	79.00	79.00
1509 - MORGAN, CHRISTOPHER	PO 22963 FBI CONFERENCE ACCOMMODATIONS	191.70	
	PO 22972 2016 MEDICAL REIMBURSEMENT	900.00	1,091.70
1503 - MRM CONSTRUCTION, LLC	PO 22988 REFUND AND CLOSE ESCROW 15-163 REBA	502.50	502.50
752 - MUNICIPAL EMERGENCY SERVICES,	PO 20773 BLANKET\SERVICE AND MAINTENANCE	8,731.48	8,731.48
318 - NAMLO INDUSTRIES	PO 20626 BLANKET SMALL SHOP SUPPLY	394.00	394.00
1489 - NAPA AUTO PARTS	PO 20652 BLANKET/ AUTO PARTS	281.59	
	PO 20652 BLANKET/ AUTO PARTS	26.98	308.57
323 - NATIONAL PARTS SUPPLY CO.	PO 20583 BLANKET / VEHICULAR PARTS	103.62	
	PO 21048 BLANKET/ TOOLS - AUTO PARTS SUPPLY	1,005.19	1,108.81
1472 - NEW JERSEY ANALYTICAL LABORAT	PO 22814 PSOC MONITORING WELLS SAMPLING AND	2,175.00	2,175.00
1033 - NEW JERSEY AMERICAN WATER	PO 23015 SEPT 2016	350.24	
	PO 23015 SEPT 2016	2,270.58	2,620.82
343 - NEW JERSEY LEAGUE OF MUNICIPALITIES	PO 22897 PROFESSIONAL DEVELOPMENT SEMINAR ON	60.00	60.00
330 - NEW JERSEY WATER ENVIRONMENT	PO 22775 COLLECTION SYSTEM O & M ON SEPT. 14	228.00	228.00
2721 - NEWTOWN OFFICE & COMPUTER SUPPLY,	PO 20896 BLANKET - OFFICE SUPPLIES	283.62	
	PO 20897 BLANKET - ZONING DEPARTMENT	258.66	
	PO 20898 BLANKET- SUPPLIES	12.97	555.25
399 - NICHOLAS, CAROL E.	PO 21701 RESOLUTION # 2015-389: NURSING SER	660.00	660.00
1032 - NJ AMERICA WATER - HYDRANT	PO 22994 AUG 20 - SEPT 19 2016 #1018-210023	54,438.72	54,438.72
139 - NJ BUILDING OFFICIALS ASSOCIATION	PO 22724 LARRY LOGAN MEMBERSHIP FEE	900.00	900.00
1443 - NJAPZA, INC.	PO 22821 NJAPZA EDUCATION LUNCHEON - 11/16/1	65.00	
	PO 22825 NJAPZA ANNUAL LUNCHEON WEDNESDAY, NO	130.00	195.00
1439 - NJRPA	PO 22811 10/20/16 EMPLOYMENT LAW SEMINAR	100.00	
	PO 22906 PLAYGROUND MAINTENANCE WORKSHOP (AD	85.00	185.00
7 - NORCIA CORPORATION	PO 20656 BLANKET\ SNOWPLOW REPLACEMENT PART	518.86	518.86
1921 - OCCUPATION MEDICINE SERVICES	PO 22885 RETURN TO WORK EVALUATION FOR SANDR	360.00	

List of Bills - Clearing Claims

Meeting Date: 10/10/2016 For bills from 09/27/2016 to 10/06/2016

Vendor	Description	Payment	Check Total
	PO 22866 PRE-EMPLOYMENT DRUG SCREENS	300.00	660.00
553 - OLIVES GOURMET BAKERY & DELI	PO 22782 ONE TABLE CAFE DINNER	190.00	190.00
1449 - OPALSKI, JEFFREY	PO 22902 CELL PHONE APRIL-SEPTEMBER 2016	120.00	120.00
2702 - OUTREACH NON CREDIT REGISTRATION OF	PO 22808 REGISTRATION FOR HIGH IMPACT SUPERV	450.00	450.00
1950 - PAETEC COMMUNICATIONS, INC.	PO 22967 #4034199 SEPT 10, 2016	1,787.78	1,787.78
1408 - PARADYNE CREDIT CORP	PO 20571 BLANKET /2016 MONTHLY CHARGES	40.04	40.04
1405 - PASCALE, JAMES J.	PO 23004 3RD QTR 2016 RETIREE DENTAL	219.00	219.00
2423 - PASSAIC RUBBER COMPANY	PO 22887 PEEL AND STICK ROOFING PATCH WITH B	191.98	191.98
370 - PCH DEVELOPMENT CORPORATION	PO 22199 RESOLUTION # 2016-171: ADMINISTRAT	1,525.32	1,525.32
1390 - PESMC % DEANNA STOCKTON	PO 22997 PESMC MEETING -WEDNESDAY OCTOBER 5,	35.00	35.00
1373 - PINELLI, FRANK A.	PO 22933 PTL. PINELLI AND PTL. MATHEWS ACCOM	237.54	237.54
1352 - PRINCETON COMMUNITY TELEVISION	PO 22778 TV 30 MEMBERSHIP FOR PRINCETON DEPA	150.00	150.00
591 - PRINCETON PACKET, INC.	PO 20494 BLANKET\ VARIOUS ADS	14.00	
	PO 22834 AMEND CHPT 13; AFFIDAVIT FEE ACCT#	5.88	19.88
593 - PRINCETON REGIONAL SCHOOLS	PO 22932 REFUND FOR BL-23.01 LT-1 ORD#2013-2	712.95	712.95
1277 - PRINCETON SUPPLY CORPORATION	PO 22855 JANITORIAL/SUPPLIES	469.98	469.98
3159 - PRITT, SAMUEL	PO 22554 FIRST HALF OF VIP FOR 2016	440.00	440.00
603 - PSE&G CO	PO 22890 FARMVIEW ACCT 6517829709	108.74	
	PO 22958 105 HAMILTON AVE SEPTEMBER 2016 ACC	15.88	
	PO 22959 417 BRICKHOUSE RD SEPTEMBER 2016 AC	33.80	
	PO 22908 SMOYER ACCT 6690878600	1,345.07	
	PO 22968 AUGUST 2016	2,414.05	
	PO 22968 AUGUST 2016	41,884.24	45,801.78
862 - R. R. Donnelley	PO 23013 CERTIFIED COPY OF VITAL RECORD PAPE	441.00	441.00
1325 - RALPH K. BADMAN CORP	PO 20659 BLANKET SHOP SUPPLY / EQUIPMENT / M	164.88	164.88
3145 - RBA GROUP, INC.	PO 21716 RESOLUTION #2016-118: PLANNING SER	5,224.78	5,224.78
3319 - REBAK ,ROBERT & BARBARA	PO 22987 refund balance escrow 15-284 rebak	502.50	502.50
2049 - REPUBLIC SERVICES #689	PO 21136 BLANKET / RECYCLING	1,043.51	1,043.51
1204 - RIGGINS INC.	PO 20842 BLANKET / FUEL	3,747.25	3,747.25
3227 - ROGERS, KYLE	PO 22847 ANNUAL UNIFORM REIMBURSE (NOT TO EX	134.93	134.93
1663 - ROTHMAN-ILIFF, CHRISTINA	PO 22899 REIMBURSEMENT FOR SECLICKFIX SUMMI	1,169.89	1,169.89
640 - S. BROTHERS, INC.	PO 16354 RESOLUTION # 2014-359\IMPROVEMENTS	4,600.00	4,600.00
2578 - SCARPATI, INC.	PO 22911 SHREDTEMBERFEST SEPT. 24, 2016	200.00	200.00
2314 - SCHWAB, LUCAS	PO 22935 2016 MEDICAL EXPENSE - MAXIMUM REAC	219.00	219.00
643 - SECURITY & DATA TECHNOLOGIES	PO 22851 FIELD WORK PERFORMED ON 8/18/16	377.42	377.42
3151 - SHARMA-MOGHE, ANJALI	PO 20441 RESOLUTION # 2015-38: PEDIATRIC CAR	4,372.50	4,372.50
1185 - SHARP ELECTRONICS CORPORATION	PO 20502 BLANKET FOR SHARP COPIER	397.85	
	PO 20569 BLANKET \2016 MONTHLY CHARGES	330.88	728.73
1253 - SHI	PO 22765 Eaton 9PX2000RTN - UPS (rack-mount	1,725.00	1,725.00
665 - SNAP-ON EQUIPMENT	PO 22648 AC MACHINE REPAIRS	878.63	878.63
670 - SOMERSET COUNTY POLICE ACADEMY	PO 21079 BLANKET/TRAINING	50.00	50.00
1231 - SOSMETAL PRODUCTS INC	PO 20655 BLANKET SHOP SUPPLY HARDWARE	260.58	260.58
1230 - SPORTWORLD, LLC	PO 22969 STAFF UNIFORM (SHIRTS)	663.00	663.00
702 - STAPLES BUSINESS ADVANTAGE	PO 20568 BLANKET \SUPPLIES	45.00	45.00
716 - STEVENSON SUPPLY	PO 20844 BLANKET / REPAIRS & MAINTENANCE	1,152.54	1,152.54
1216 - STORM WATER MGMT CONSULTING, L	PO 22924 PROFESSIONAL ENGINEERING SERVICES B	2,448.40	2,448.40
1995 - STOUTS II INC	PO 21393 RESOLUTION # 2015-347: JITNEY COMM	25,455.00	25,455.00
3059 - T & M ASSOCIATES	PO 19221 RESOLUTION # 2015-218/LANDFILL INSP	1,344.32	
	PO 20906 RESOLUTION # 2016-48: RIVER ROAD L	6,752.56	
	PO 20909 RESOLUTION # 2016-49: RIVER ROAD L	8,538.32	16,635.20
812 - TOM L. WELLS ELECTRICAL CONT., INC	PO 22857 8 CLEARVIEW PANEL REPLACEMENT	1,521.30	
	PO 22857 8 CLEARVIEW PANEL REPLACEMENT	5,088.03	6,609.33
1354 - TRAFFIC LINES, INC.	PO 22447 RESOLUTION # 2016-234: 2016 STRIPI	1,460.60	1,460.60
960 - TRANS UNION RISK	PO 20696 BLANKET \MONTHLY CHARGES	222.25	222.25
838 - TRAP ROCK INDUSTRIES, LLC	PO 20294 RESOLUTION # 2015-349: ROAD MATERIA	368.45	
	PO 20294 RESOLUTION # 2015-349: ROAD MATERIA	122.82	491.27
1459 - TREASURER, STATE OF NEW JERSEY	PO 22858 MARRIAGE LICENSE APPLICATIONS ISSUE	1,000.00	1,000.00
2592 - UNIFIRST CORPORATION	PO 20849 BLANKET / UNIFORMS	1,148.00	
	PO 20849 BLANKET / UNIFORMS	231.18	
	PO 22296 BLANKET / JANITORIAL SUPPLIES	1,303.96	2,683.14
1158 - US ATHLETIC FIELDS	PO 21480 RESOLUTION # 2016-93: MOWING CONTR	3,952.00	3,952.00
948 - VAN MATER, DAN	PO 22973 REIMBURSEMENT FOR PESTICIDE LICENSE	80.00	80.00
408 - VECTOR SECURITY	PO 20419 BLANKET \ FIRE ALARM- POOL	158.00	

List of Bills - Clearing Claims
 Meeting Date: 10/10/2016 For bills from 09/27/2016 to 10/06/2016

Vendor	Description	Payment	Check Total
	PO 20420 BLANKET \ ALARM RECREATIN BUILDIN	141.00	299.00
28 - VERIZON CABS	PO 20830 BLANKET/TELEPHONE	1,215.74	1,215.74
962 - VERIZON/TRENTON	PO 20530 BLANKET \MONTHLY CHARGES	1,563.05	
	PO 23014 SEPTEMBER 2016	4,165.88	5,728.93
957 - VERMEER	PO 22861 STUMP GRINDER PARTS	778.02	778.02
974 - VITAL COMMUNICATIONS, INC.	PO 20416 BLANKET \ TAX ASSESSOR SOFTWARE	820.00	820.00
1146 - VOIP NETWORKS	PO 20417 BLANKET \ CALL CENTER SOFTWARE	300.00	300.00
2 - W.B MASON	PO 20697 OFFICE SUPPLIES	593.91	
	PO 21914 BLANKET/OFFICE SUPPLY	77.96	671.87
1145 - WALTER, SCOTT D.	PO 23012 3RD QRT 2016 MED	3,275.76	3,275.76
1142 - WATCHUNG SPRING WATER	PO 20710 FILTER COOLER - ACCT. #185528	1,265.64	1,265.64
3112 - WHITE, JOHN	PO 22954 1 YR MEMBERSHIP RENEWAL FOR JOHN WH	120.00	120.00
826 - WITHERSPOON MEDIA GROUP	PO 22749 SHREDTEMBERFEST ADVERTISEMENT	2,600.00	2,600.00
1718 - WOOD, KEITH	PO 22901 CELL PHONE APRIL-SEPTEMBER 2016	120.00	120.00
3320 - WOOLSTON, J. ROGERS	PO 22989 REFUND AND CLOSE ESCROW 15-304 WOOL	403.50	403.50
1001 - WTH TECHNOLOGY, INC.	PO 22779 ANNUAL MAPPING FOR POLICE 911	4,440.00	4,440.00
1075 - YARDVILLE SUPPLY COMPANY	PO 20856 BLANKET / SUPPLIES & MATERIALS	39.98	
	PO 20867 BLANKET \ SUPPLIES	277.91	
	PO 21130 BLANKET / METERS	32.84	350.73
TOTAL			539,173.13

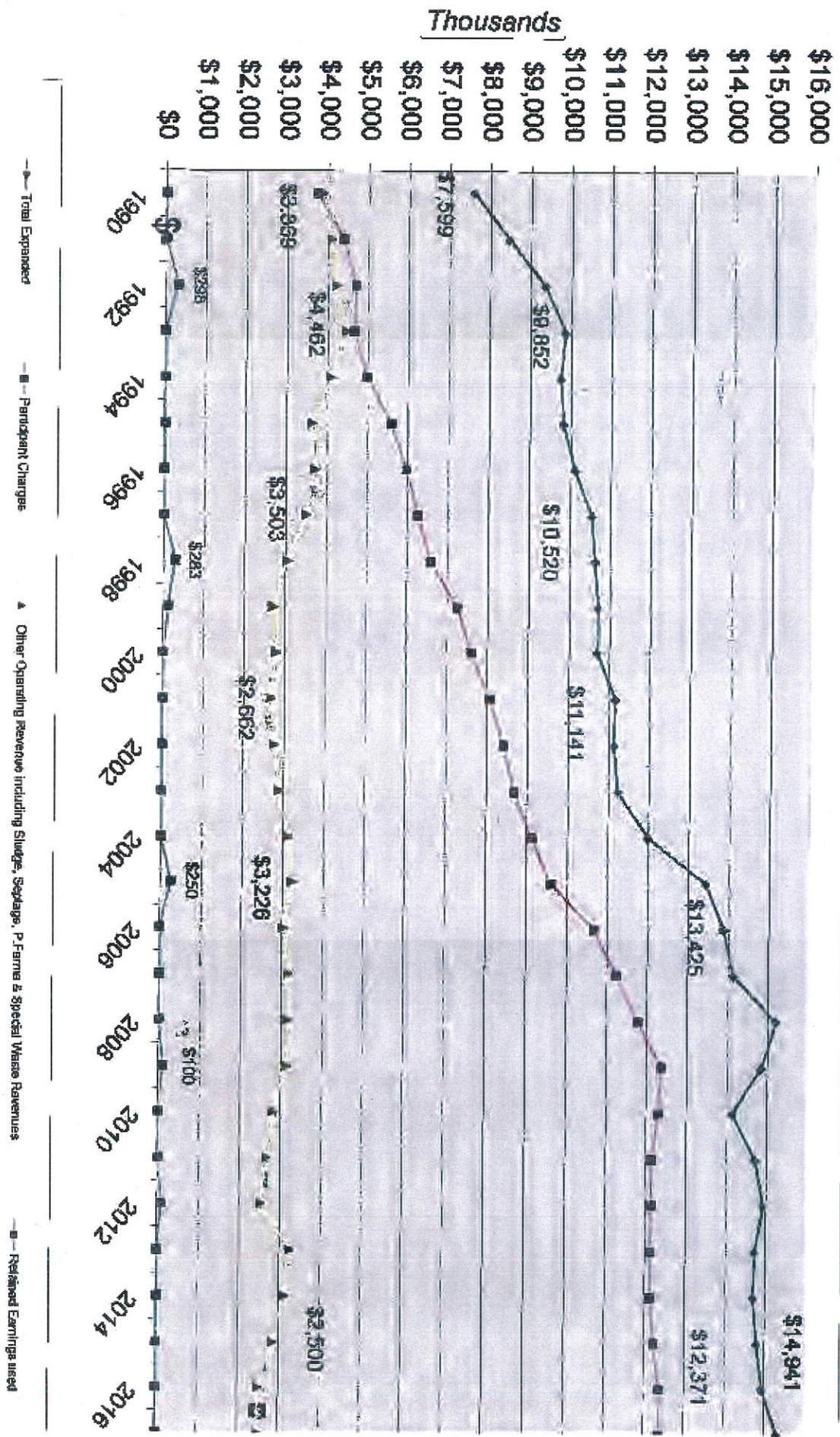
Summary By Account

ACCOUNT	DESCRIPTION	CURRENT YR	APPROP. YEAR	NON-BUDGETARY	CREDIT
01-201-20-105-200	PERSONNEL - OE	4,184.68			
01-201-20-111-200	ADMINISTRATIVE & EXECUTIVE OE	13,199.67			
01-201-20-120-200	MUNICIPAL CLERK OE	3,963.85			
01-201-20-124-200	ACCESS PRINCETON OE	919.89			
01-201-20-125-200	INFORMATION TECHNOLOGY - OE	17,774.88			
01-201-20-165-200	ENGINEERING SERVICES OE	392.97			
01-201-20-175-200	HISTORIC PRESERVATION COMMITTEE - OE	12.97			
01-201-21-185-200	ZONING COSTS - OE	269.61			
01-201-23-220-200	EMPLOYEE GROUP INSURANCE OE	10,113.67			
01-201-25-240-200	POLICE OE	4,544.54			
01-201-25-265-200	FIRE OE	10,369.31			
01-201-25-266-200	FIRE HYDRANT SERVICES OE	54,438.72			
01-201-25-267-200	FIRE FACILITIES OE	5,604.08			
01-201-25-268-200	FIRE INSPECTOR OE	480.00			
01-201-25-269-200	FIRE LOSAP ALTERNATIVE OE	440.00			
01-201-25-275-200	MUNICIPAL PROSECUTOR OTHER EXPENSES	17,500.00			
01-201-26-290-200	ROAD REPAIRS & MAINTENANCE OE	1,944.33			
01-201-26-305-200	GARBAGE & TRASH REMOVAL OE	1,043.51			
01-201-26-310-200	PUBLIC BUILDINGS & GROUNDS OE	9,815.19			
01-201-26-315-200	VEHICLE MAINT. - ADMIN. OE	10,558.61			
01-201-27-330-200	BOARD OF HEALTH OE	14,635.30			
01-201-27-345-200	HUMAN SERVICES OE	1,572.88			
01-201-28-370-200	JOINT RECREATION BOARD OE	2,936.82			
01-201-28-375-200	PARK MAINTENANCE OE	5,405.81			
01-201-31-430-200	ELECTRICITY & GAS OE	9,017.49			
01-201-31-431-200	NATURAL GAS OE	7,273.59			
01-201-31-435-200	STREET LIGHTING OE	22,819.53			
01-201-31-440-200	TELEPHONE OE	9,562.86			
01-201-31-445-200	WATER OE	1,170.00			
01-201-31-455-200	SEWER FACILITIES OPERATING OE	12,060.86			
01-201-31-460-200	GASOLINE OE	11,102.26			
01-201-41-717-200	DRUG PROGRAM-CORN.HSE.FOUNDAT. - OE	751.78			
01-203-20-165-200	(2015) ENGINEERING SERVICES OE		35.00		
01-203-31-455-200	(2015) SEWER FACILITIES OPERATING OE		1,344.32		
01-205-55-900-036	RESERVE FOR SEWER OVERPAYMENTS				712.95

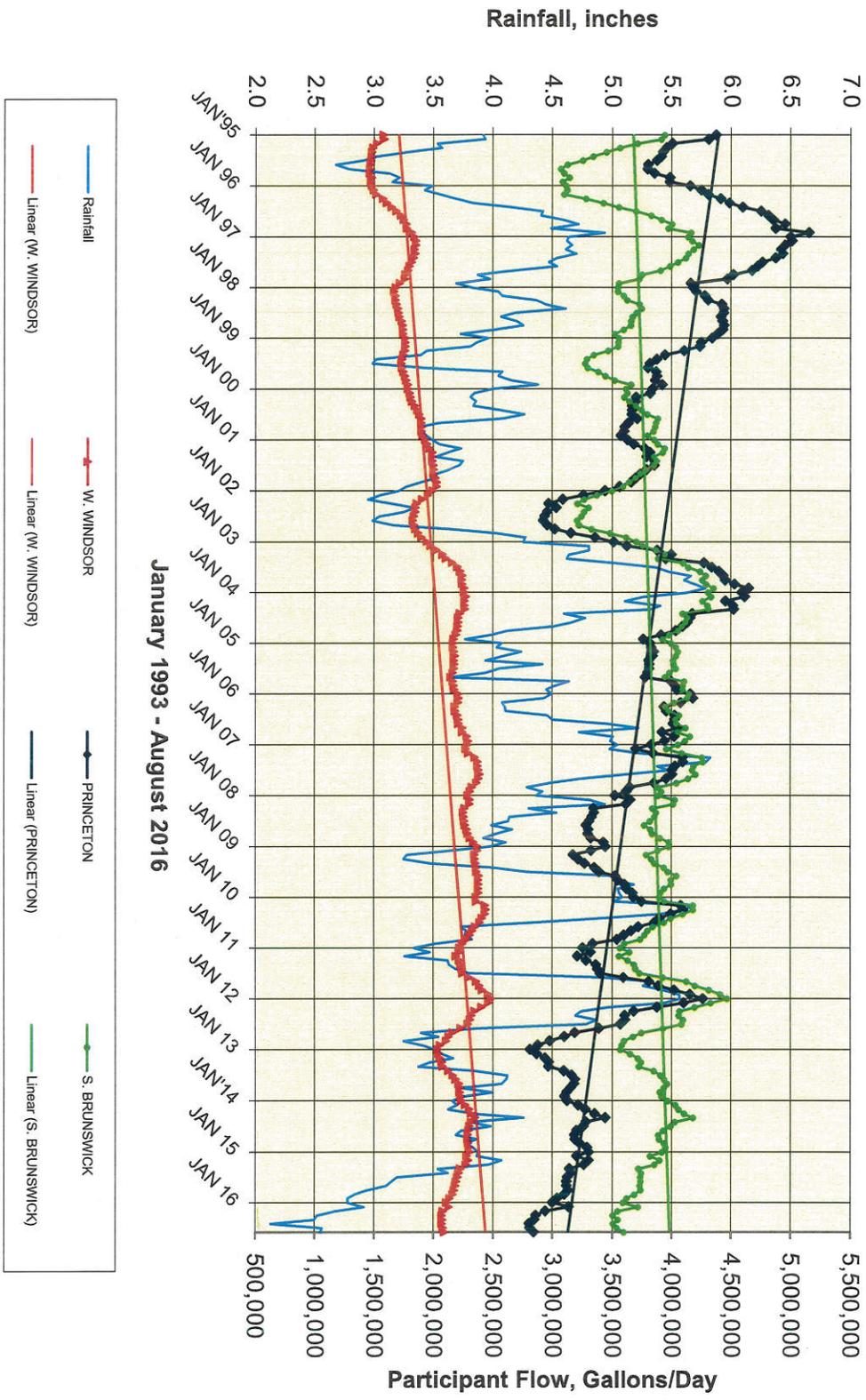
Summary By Account

ACCOUNT	DESCRIPTION	CURRENT YR	APPROP. YEAR	NON-BUDGETARY	CREDIT
01-207-55-100-000	HEALTH DEPARTMENT FEES			1,000.00	
01-260-05-100	DUE TO CLEARING/CLAIMS			0.00	268,971.93
TOTALS FOR	CURRENT FUND	265,879.66	1,379.32	1,712.95	268,971.93
02-213-44-911-301	CLEAN COMMUNITIES			8,315.26	
02-213-44-917-301	RECYCLING GRANT			200.00	
02-213-44-942-301	NJS DOH CDC PREVENTATIVE HEALTH			240.69	
02-260-05-100	DUE TO CLEARING/CLAIMS			0.00	8,755.95
TOTALS FOR	GRANT FUND	0.00	0.00	8,755.95	8,755.95
04-215-11-013-000-000	VARIOUS CAPITAL IMPROVEMENTS ORD 2011-13			11,471.70	
04-215-11-016-000-000	VARIOUS CAPITAL IMPROVEMENTS ORD 2011-16			491.27	
04-215-13-021-000-000	VARIOUS CAPITAL IMPROVEMENTS ORD 2013-21			15,000.00	
04-215-14-025-000-000	Ordinance 2014-25 Various Imprv			16,859.21	
04-215-15-007-000-000	Ordinance 2015-7 Various Imprv			6,973.75	
04-215-15-009-000-000	Ordinance 2015-9 Sewer Trust Imprv			8,538.32	
04-215-16-020-000-000	Ordinance 2016-20 Various Imprv			7,725.00	
04-215-16-028-000-000	Ordinance 16-28 Snowden & Van Dyke Sewer			131,761.00	
04-260-05-100	DUE TO CLEARING/CLAIMS			0.00	198,820.25
TOTALS FOR	GENERAL CAPITAL FUND	0.00	0.00	198,820.25	198,820.25
05-201-02-007-200	PARKING OE	25,532.83			
05-201-02-009-000	JITNEY EXPENSES	26,041.88			
05-260-05-100	DUE TO CLEARING/CLAIMS			0.00	51,574.71
TOTALS FOR	PARKING UTILITY OPERATING FUND	51,574.71	0.00	0.00	51,574.71
12-201-20-125-200	OPEN SPACE - OTHER EXPENSE - PARK MAINT	201.94			
12-260-05-100	DUE TO CLEARING/CLAIMS			0.00	201.94
TOTALS FOR	OPEN SPACE FUND	201.94	0.00	0.00	201.94
17-260-05-100	Due To Claims/Clearing			0.00	5,414.40
17-290-20-000-000	PROFESSIONAL FEES			5,414.40	
TOTALS FOR	ESCROW	0.00	0.00	5,414.40	5,414.40
21-201-12-110-200	CONSTRUCTION EXPENSES - OE	1,097.96			
21-260-05-100	DUE TO CLAIMS/CLEARING			0.00	3,458.46
21-286-52-000-000	RESERVE FOR FIRE PREVENTION			2,360.50	
TOTALS FOR	TRUST FUND	1,097.96	0.00	2,360.50	3,458.46
30-260-05-100	DUE TO CLAIMS/CLEARING			0.00	193.49
30-290-00-000-000	APPROPRIATIONS			193.49	
TOTALS FOR	ESCROW FUND	0.00	0.00	193.49	193.49
40-201-20-105-200	AFFORDABLE HOUSING BOARD OE	1,782.00			
40-260-05-100	DUE TO CLAIMS/CLEARING			0.00	1,782.00
TOTALS FOR	AFFORDABLE HOUSING UTILITY	1,782.00	0.00	0.00	1,782.00

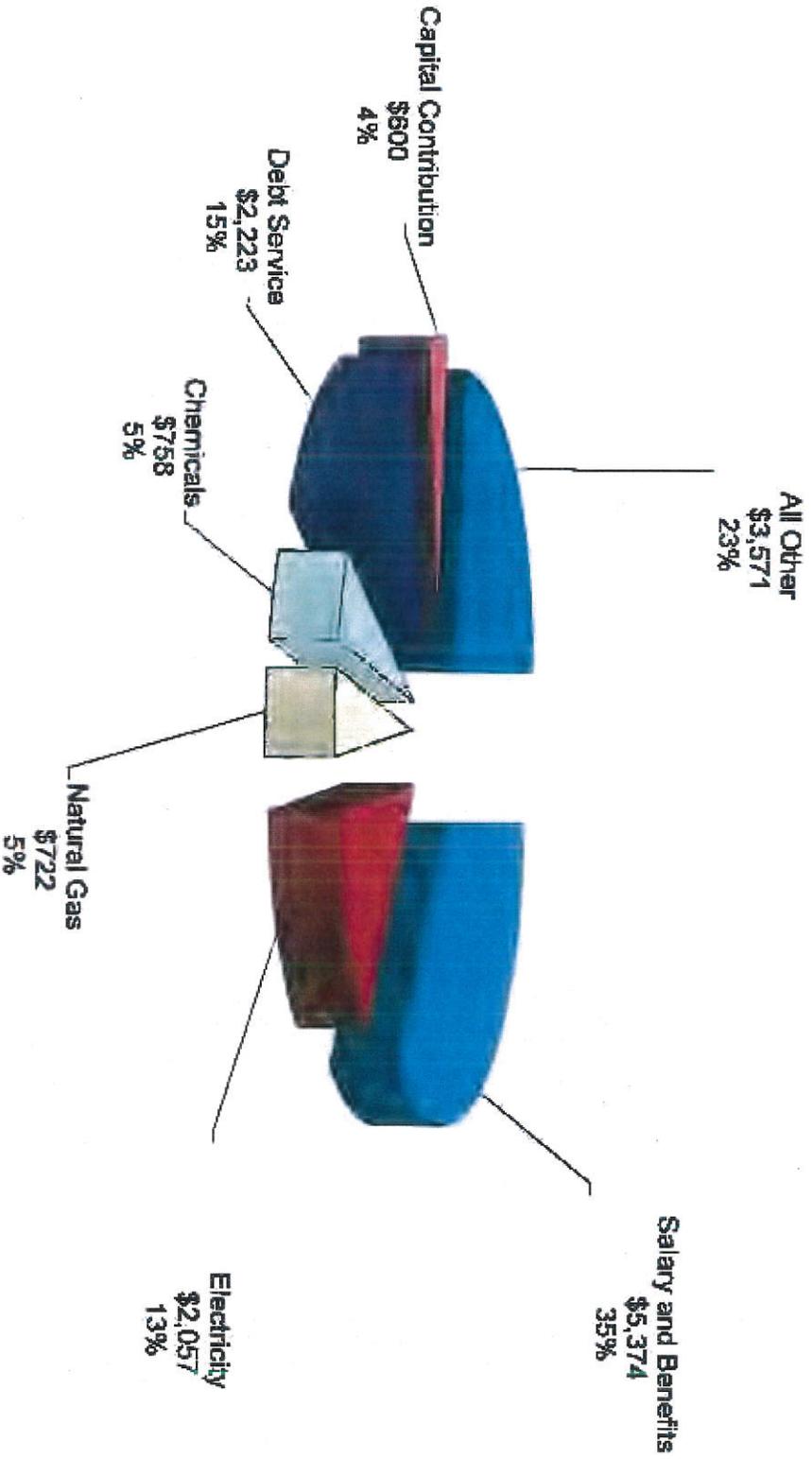
History of Total Expenditures, Participant Charges, Sludge Revenues and Retained Earnings
 1990 to 2015 actual
 2016, 2017 projected



RIVER ROAD 12 MONTH AVERAGE DAILY FLOWS



**2017 Budget
In thousands**



	Total Annual Flow (Gals.)	Princeton Flow	Princeton Flow %	Total Service Charges	Princeton Charges	Debt Svc. Adj.	Princeton Net
2005	3,931,445,605	1,470,645,840	37.41%	\$9,595,813	\$3,589,530	\$124,171	\$3,713,701
2006	3,990,682,563	1,467,366,908	36.77%	\$10,669,795	\$3,923,265	(\$14,300)	\$3,908,965
2007	3,753,894,186	1,333,145,983	35.51%	\$11,227,102	\$3,987,157	\$182,318	\$4,169,475
2008	3,634,146,931	1,215,272,701	33.44%	\$11,771,625	\$3,936,477	\$137,803	\$4,074,280
2009	3,792,324,566	1,324,544,338	34.93%	\$12,365,319	\$4,318,832	(\$255,421)	\$4,063,411
2010	3,646,810,211	1,294,237,140	35.49%	\$12,295,150	\$4,363,495	(\$325,663)	\$4,037,832
2011	4,089,297,061	1,465,068,983	35.83%	\$12,136,115	\$4,347,996	(\$283,152)	\$4,064,844
2012	3,321,474,300	1,091,889,114	32.87%	\$12,136,115	\$3,989,581	(\$271,038)	\$3,718,543
2013	3,520,928,158	1,137,425,001	32.30%	\$12,124,848	\$3,916,895	(\$307,075)	\$3,609,820
2014	3,592,569,296	1,175,374,833	32.72%	\$12,123,985	\$3,966,584	(\$348,959)	\$3,617,625
2015	3,412,358,237	1,132,338,472	33.18%	\$12,225,402	\$4,056,811	(\$307,956)	\$3,748,855
2016 (Est.)				\$12,371,101	\$4,160,702	(\$348,949)	\$3,811,753
2017 (Est.)				\$12,735,414	\$4,166,930	(\$353,220)	\$3,813,710

SBRSA 12-Year Average Annual Service Charge Increase (2005-2017) = 2.73%

Princeton 12-Year Average Annual Service Charge Increase (2005-2017) = 1.34%

Princeton 12-Year Average Annual Increase Net of Debt Service Adjustment (2005-2015) = 0.22%

<u>Annual %</u>	<u>Cum. %</u>
<u>Change</u>	<u>Change</u>

5.26%	5.26%
6.66%	12.27%
-2.28%	9.71%
-0.27%	9.42%
-0.63%	8.73%
0.67%	9.46%
-8.52%	0.13%
-2.92%	-2.80%
0.22%	-2.59%
3.63%	0.95%
1.68%	2.64%
0.05%	2.69%



STREETSCAPE DESIGN STANDARDS NASSAU STREET

· PRINCETON, NEW JERSEY ·

FALL 2016

Streetscape Design Elements

- Sidewalk Paving Design & Materials
- Crosswalk Markings & Materials
- Street Lamppost Types
- Traffic Signal Pole & Mast Arm Types
- Traffic And Parking Related Signage (Not Comprehensive Wayfinding)
- Street Tree Locations & Tree Well Treatments
- At-grade Landscaping, Hanging Planters & Landscape Containers
- Trash & Recycling Containers
- Bicycle Racks
- Newspaper Racks
- Parking Meters and/or Pay Stations
- Benches
- Outdoor Dining & Cafés
- A-frame/Sandwich Board Signs For Merchants
- Kiosks
- Bus Shelters



Existing Conditions

Sidewalk Paving & Materials - Maintenance



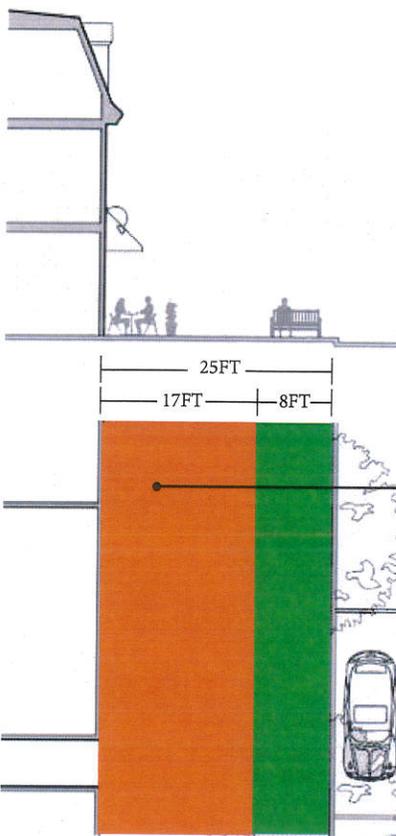
Existing Conditions

Sidewalk Edge Zone - "Conflicts"



SIDEWALK TYPOLOGY & ZONES

Greater than or equal to 16 feet



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

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

- Furnishing Zone
- Throughway Zone

Sidewalk Type: Greater than or equal to 16 feet.

Nassau Streetscape Design Standards, 2016

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 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 greater than or equal to 16 feet, the Throughway Zone can accommodate outdoor dining within the Frontage Zone, which is the portion of the sidewalk immediately adjacent to the building.

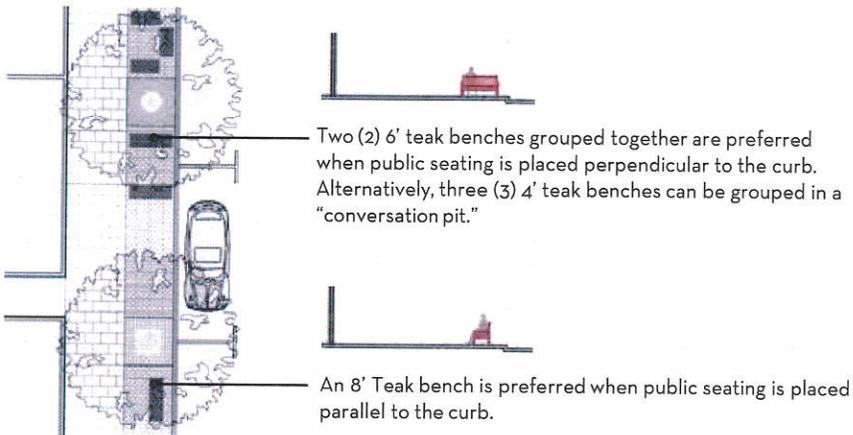
Furnishing Zone: The portion of the sidewalk used for street furniture, outdoor dining, signage, lighting and landscaping between the curb and Throughway Zone. The minimum space required for the Furnishing Zone is eight (8) feet.



PUBLIC BENCHES



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



Nassau Streetscape Design Standards, 2016

Public Benches:

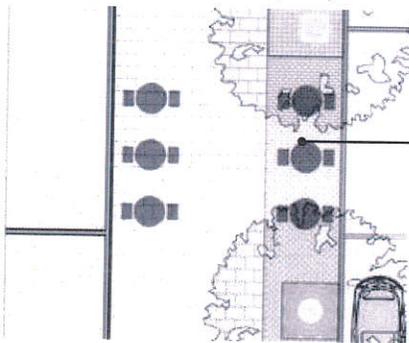
- Public benches may be placed in the Furnishing Zone parallel or grouped perpendicular to the curb.
- The bench standard is a teak bench manufactured from sustainably harvested Indonesian Teak. Heavy duty 3" legs and mortise and tenon joinery. Length varies from four (4) feet to eight (8) feet.
- Seating 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

Greater than or equal to 16 feet



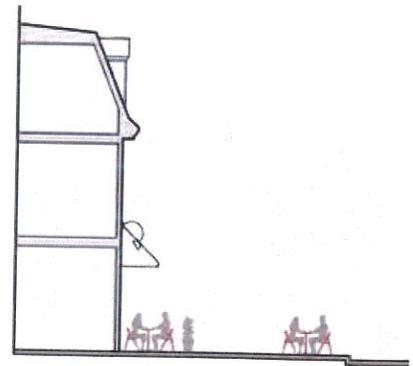
Simulated view of outdoor cafe seating in both the Furnishing and Throughway Zone, maintain more than six (6) feet of clear area for pedestrians.



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 & Cafe Seating:

- Private outdoor café and restaurant seating is encouraged in either the Furnishing Zone or immediately adjacent to the building in the sidewalks greater than or equal to 16 feet.
- These tables and chairs 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.



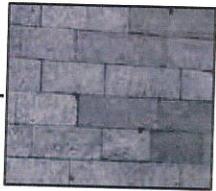
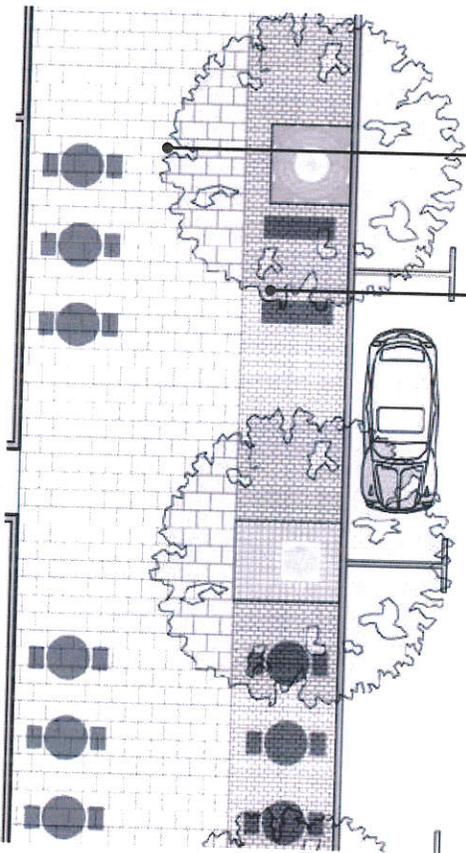
Existing View



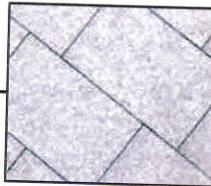
With Enhancements



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.

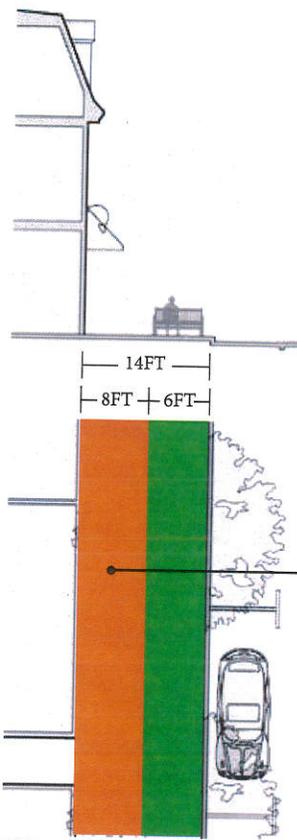
Design Elements - Sidewalk Paving Design And Materials

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Concrete	4,500 psi concrete containing a blend of Portland Cement, admixtures, and 3/4" 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

 = Green

SIDEWALK TYPOLOGY & ZONES

Less than 16 feet



Sidewalk Type: Less than 16 feet.

Nassau Streetscape Design Standards, 2016



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.

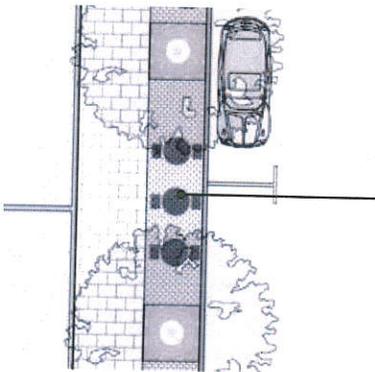
Furnishing Zone: The portion of the sidewalk used for street furniture, outdoor dining, signage, lighting and landscaping between the curb and Throughway Zone. The Furnishing Zone should generally be six (6) feet wide on block faces that have sidewalks less than 16 feet, as measured from the edge of 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.

OUTDOOR DINING

Less than 16 feet



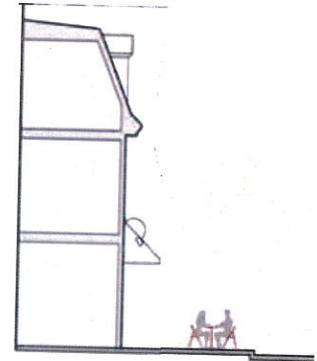
Simulation of cafe seating along the furnishing zone along Nassau Street.



For sidewalks less than 16 feet, outdoor cafe seating and chairs are only permitted in the Furnishing Zone. A minimum of six (6) feet of clearance shall be provided within the Throughway Zone.

Outdoor Dining & Cafe Seating:

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



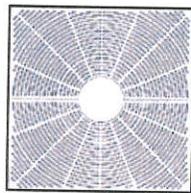
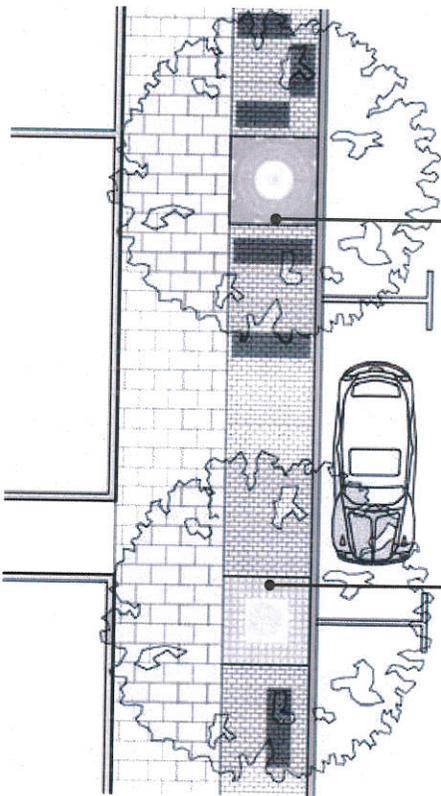
Existing View



With Enhancements



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.

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.

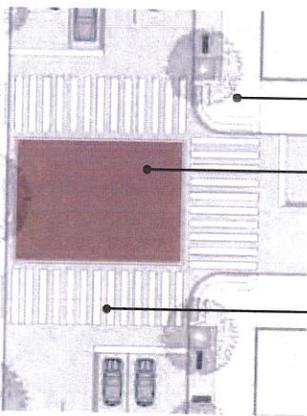
CROSSWALK MARKINGS & MATERIALS



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

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.



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

Existing View



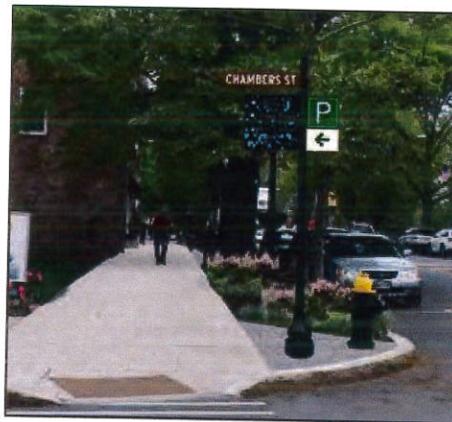
With Enhancements



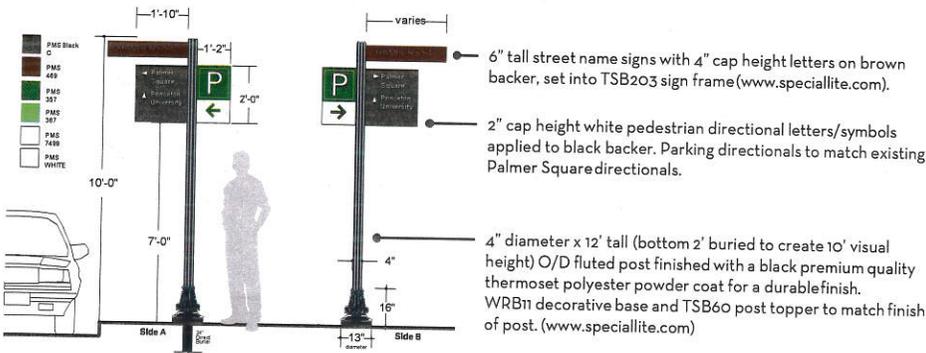
TRAFFIC & PEDESTRIAN SIGNAGE



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.

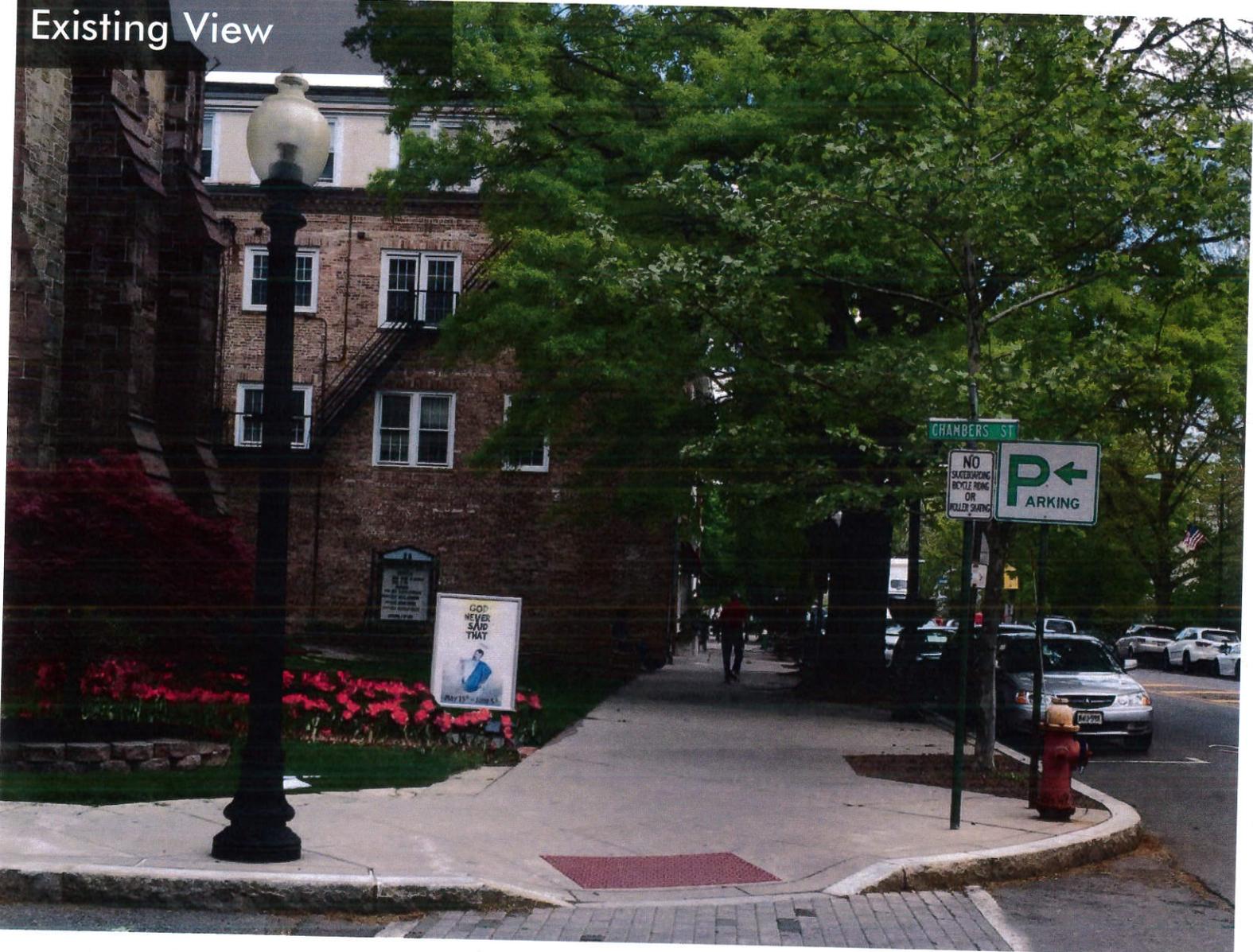


Nassau Streetscape Design Standards, 2016

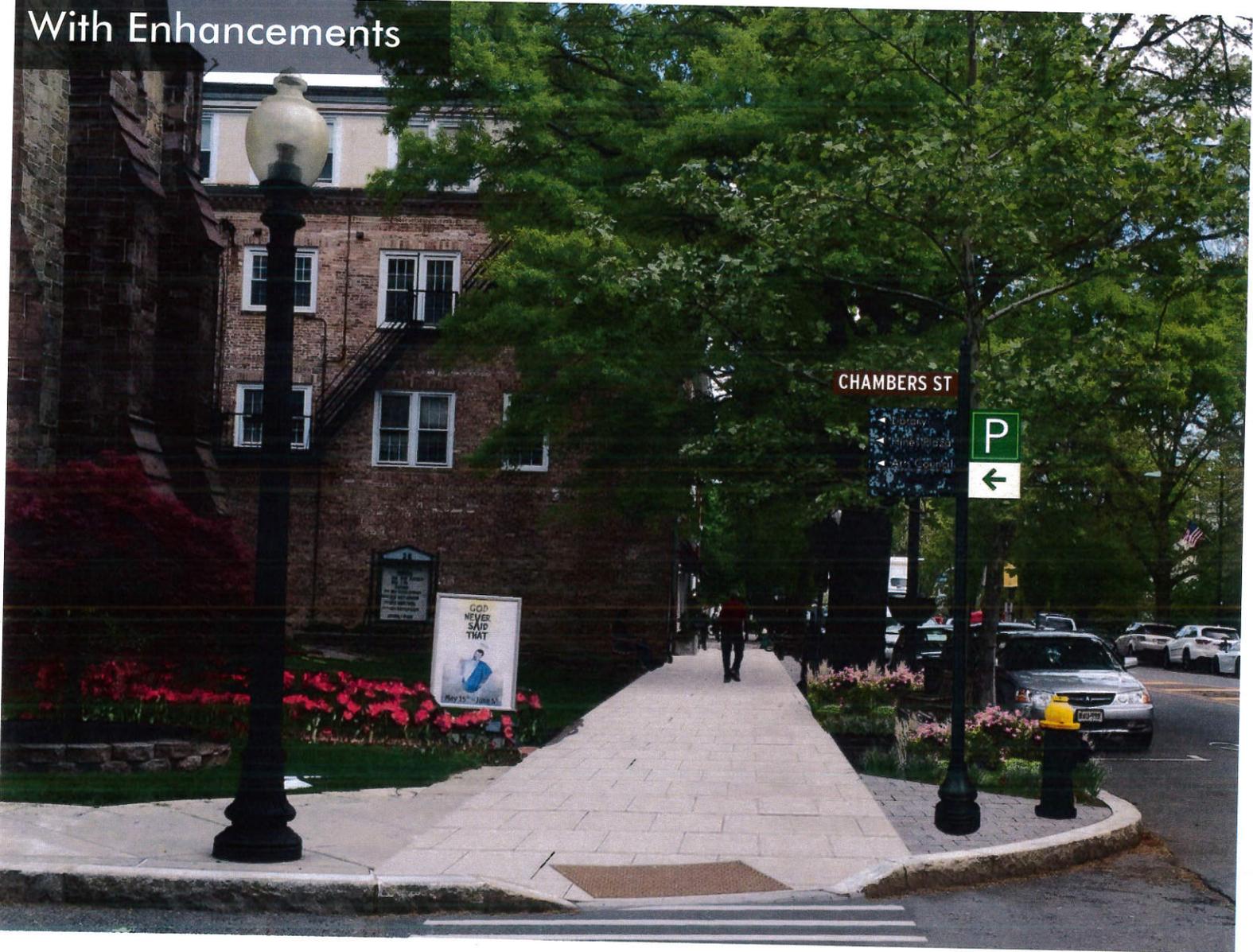
Traffic & Pedestrian Signage:

- 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.
- Consider solar panels on south-facing fixtures.

Existing View



With Enhancements





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.

Nassau Streetscape Design Standards, 2016

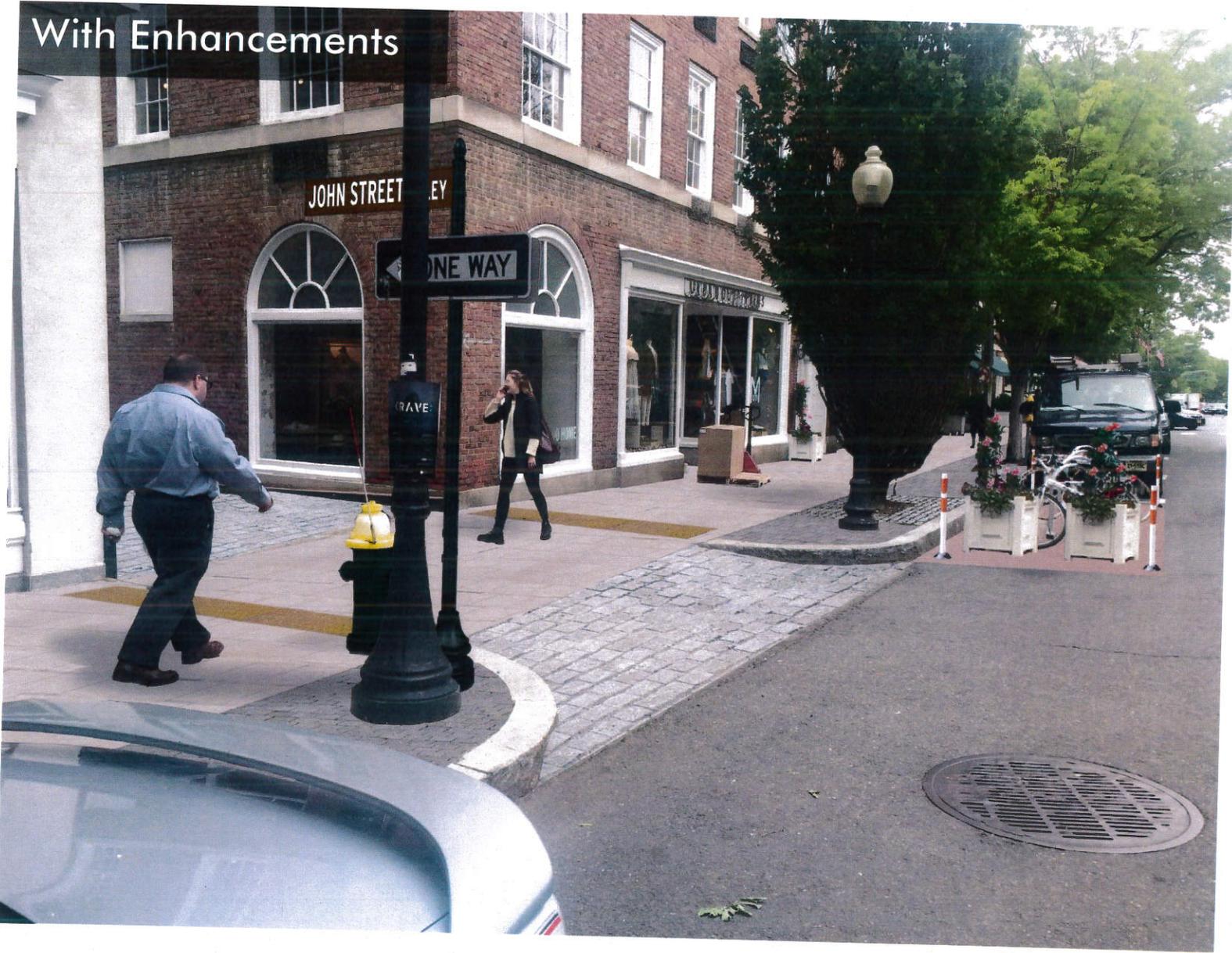
Bicycle Corrals:

- 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.
- Bike corrals should be delineated with pavement markings, planters, or flexible plastic bollards/traffic delineators so as to be easily movable to enable pop-up corrals and to accommodate the resolution of any potential conflicts that may arise.

Existing View



With Enhancements



Existing Conditions

Newspaper Racks



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.

Existing View



With Enhancements





STREETSCAPE DESIGN STANDARDS NASSAU STREET

· PRINCETON, NEW JERSEY ·

FALL 2016

DRAFT 10.05.2016

DRAFT 10.05.2016



STREETSCAPE DESIGN STANDARDS NASSAU STREET

· PRINCETON, NEW JERSEY ·

JULY 2016

UPDATED OCTOBER 2016

DRAFT 10.05.2016

DRAFT 10.05.2016

TABLE OF CONTENTS

SECTION I : INTRODUCTION

Introduction.....	4
Sidewalk Typology and Zones.....	5

SECTION II: STREETScape DESIGN ELEMENTS

Paving Design & Materials.....	9
Crosswalk Markings & Materials.....	10
Street Lighting.....	11
Traffic Signals.....	12
Traffic & Pedestrian Signage.....	13
Street Trees.....	14
Landscaping & Planters.....	15
Trash & Recycling Receptacles.....	16
Bicycle Parking.....	17
Newspaper Racks.....	19
Pay Stations.....	20
Benches.....	21
Outdoor Dining.....	22
Sandwich Board Signs.....	24
Bus Shelters.....	25

SECTION III: SPECIAL CONDITIONS

Landscape Edges.....	27
Alley Crossings.....	28
Plaza Edges.....	29

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



**PRINCETON
UNIVERSITY**



SECTION I: INTRODUCTION

SECTION I : INTRODUCTION

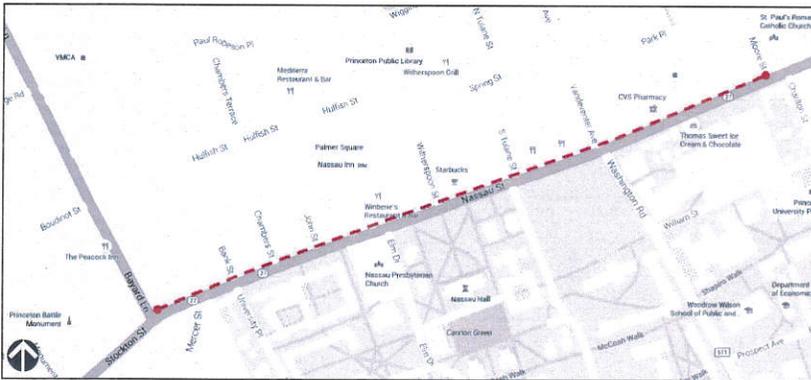
INTRODUCTION

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.



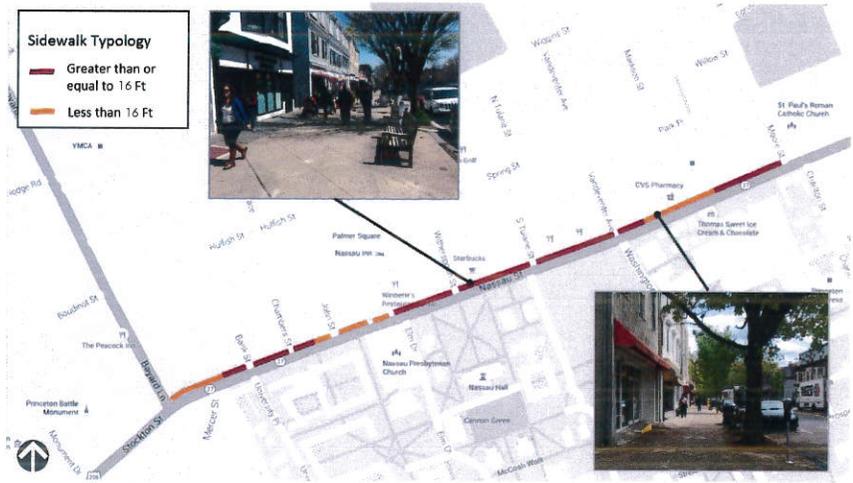
Study Area Map

Nassau Streetscape Design Standards, 2016

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 greater than or 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.

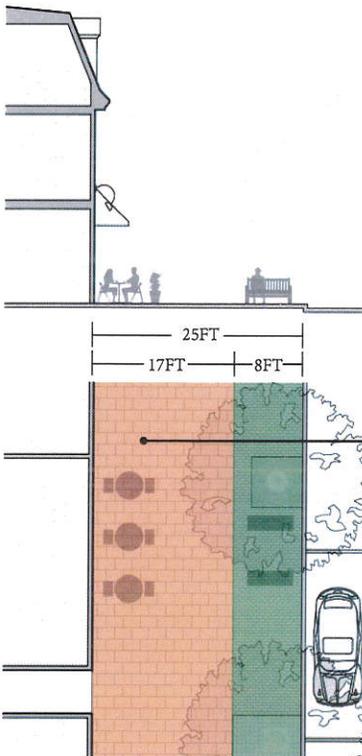
Sidewalks along Nassau Street in the Central Business District can generally be divided into two (2) sidewalk typologies based on their overall width:

Greater than or equal to 16 feet: 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

Greater than or equal to 16 feet



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

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

- Furnishing Zone
- Throughway Zone

Sidewalk Type: Greater than or equal to 16 feet.
Nassau Streetscape Design Standards, 2016

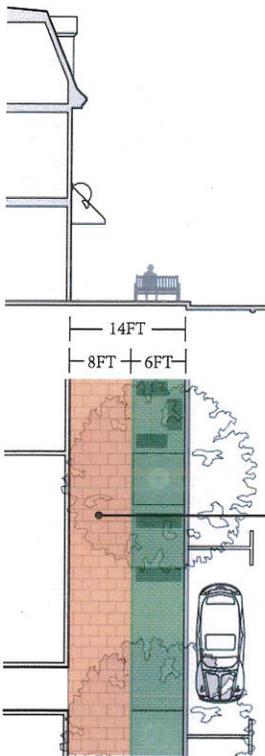
A successful sidewalk engages and enables active public space and accessible pedestrian travel. Amenities such as outdoor dining, signage, lighting, street trees and landscaping work to activate the streets socially and economically. These amenities can be organized and into two (2) zones within the 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 greater than or equal to 16 feet, 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.

Nassau Streetscape Design Standards, 2016



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

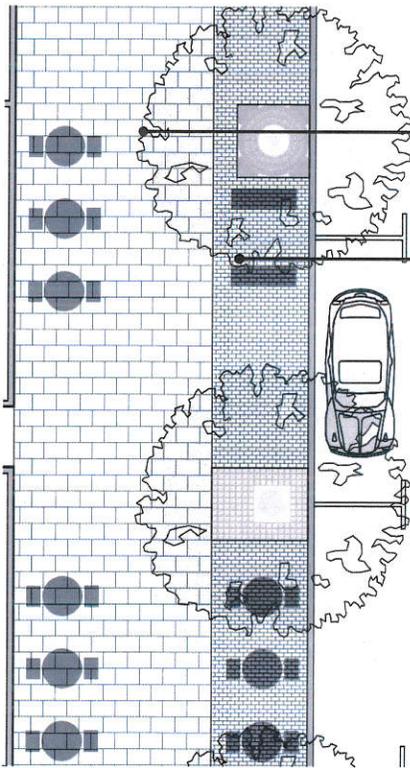
A successful sidewalk engages and enables active public space and accessible pedestrian travel. Amenities such as outdoor dining, signage, lighting, street trees and landscaping work to activate the streets socially and economically. These amenities can be organized and into two (2) zones within the 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".

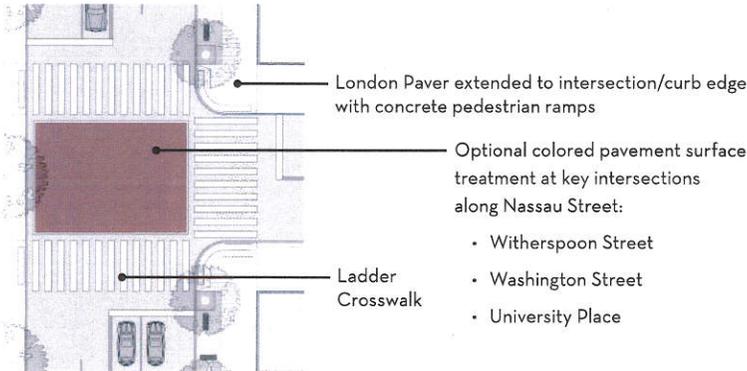
The paving and design of Princeton's streetscape should reflect a high level of quality of care as it serves a high volume of local residents and visiting shoppers and tourists. Preferred design and materials of sidewalk paving is as follows:

- 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.



Nassau Streetscape Design Standards, 2016

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

Nassau Streetscape Design Standards, 2016

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 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.

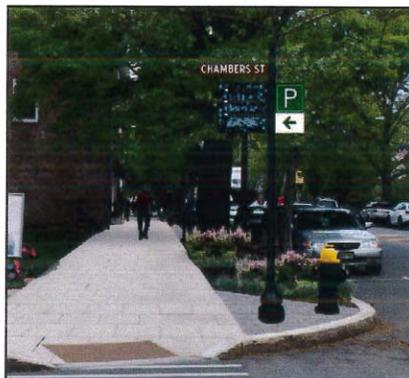
Traffic Signal Pole & Mast Arms:

- 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.

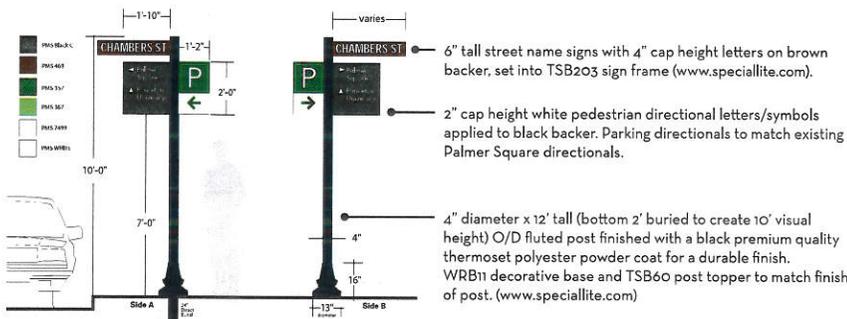
TRAFFIC & PEDESTRIAN SIGNAGE



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.

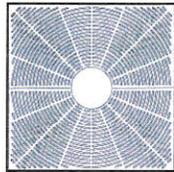
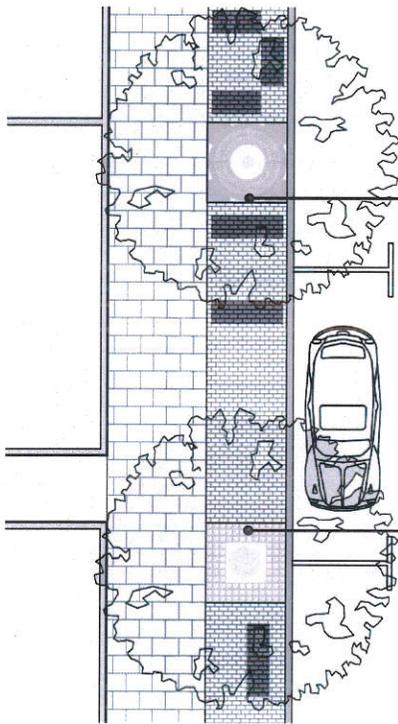


Nassau Streetscape Design Standards, 2016

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.
- Consider solar panels on south-facing fixtures.

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.

Nassau Streetscape Design Standards, 2016

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 cafe seating.

TRASH & RECYCLING RECEPTACLES



Shared Container - side opening DuMor 435 combination trash and recycling container. Interior liners of 32 gallon and two (2) 20 gallon. Constructed of 3/8" thick galvanized steel with polyester powder coat. 44" high by 50" wide by 28" deep.

Trash & Recycling Containers:

- Trash receptacles should be located in a consistent manner, so as to be easily recognizable and reasonably convenient to users.
- Trash receptacles should be side-loaded, so as not to collect refuse or debris on the top of the receptacle.
- Constructed of galvanized or stainless steel for durability and be graffiti resistant.
- Painted black and include color-coded recycling containers so as to be clearly understood.
- Receptacle should be able to open from the side to allow easy access for removal of garbage bags.



Examples of Existing Receptacles manufactured by Belson; (L) Combined Receptacle; (R) Single Receptacle found at Princeton University

Nassau Streetscape Design Standards, 2016

BICYCLE PARKING



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



Photo Courtesy of NYDOT

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

Nassau Streetscape Design Standards, 2016

Bicycle Corrals:

- 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.
- Bike corrals should be delineated with pavement markings, planters, or flexible plastic bollards/traffic delineators so as to be easily movable to enable pop-up corrals and to accommodate the resolution of any potential conflicts that may arise.

BICYCLE PARKING



Part 2 | Recommendations
DRAFT April 21, 2016

2016

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

Nassau Streetscape Design Standards, 2016

NEWSPAPER RACKS

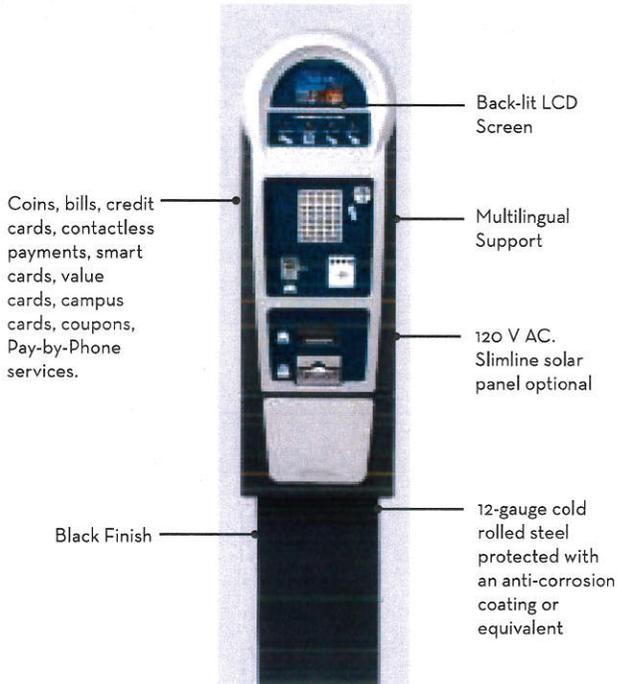


Manufactured from heavy 14-20 gauge powder coated steel. Available in multiple combinations of units to accommodate both tabloid and broad sheet formats. Boxes can accommodate either paid and free newspapers. Available in size from 1-box to 8-box. Multiple units can be placed together.

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:

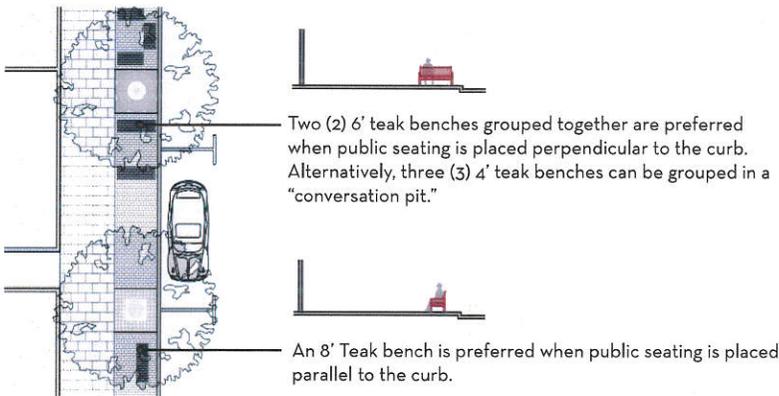
Parking meters along Nassau Street should be replaced with multi-space meters as a parking management tool. Consolidating parking meters through multi-space meters reduces the number of poles in the sidewalk and allows for the installation of additional street amenities in the Furnishing Zone.

- 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.



Nassau Streetscape Design Standards, 2016

Public Benches:

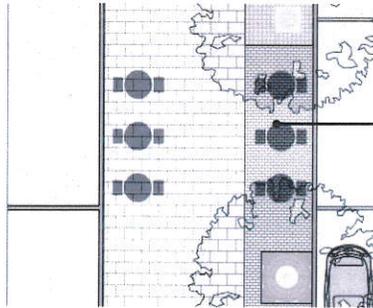
- Public benches may be placed in the Furnishing Zone parallel or grouped perpendicular to the curb.
- The bench standard is a teak bench manufactured from sustainably harvested Indonesian Teak. Heavy duty 3" legs and mortise and tenon joinery. Length varies from four (4) feet to eight (8) feet.
- Seating 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

Greater than or equal to 16 feet



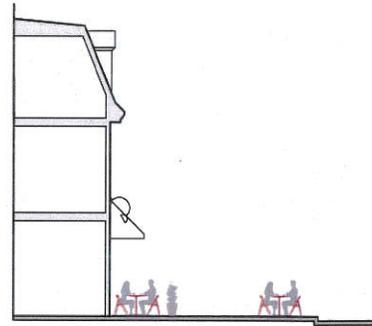
Simulated view of outdoor cafe seating in both the Furnishing and Throughway Zone, maintain more than six (6) feet of clear area for pedestrians.



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 & Cafe Seating:

- Private outdoor café and restaurant seating is encouraged in either the Furnishing Zone or immediately adjacent to the building in the sidewalks greater than or equal to 16 feet.
- These tables and chairs 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

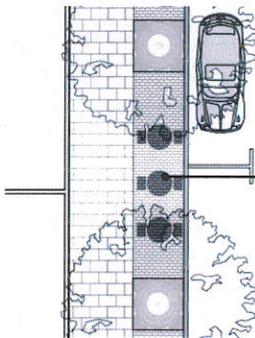
Less than 16 feet



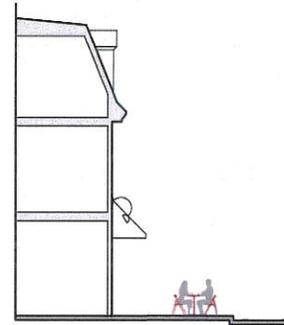
Simulation of cafe seating along the furnishing zone along Nassau Street.

Outdoor Dining & Cafe Seating:

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



For sidewalks less than 16 feet, outdoor cafe seating and chairs are only permitted in the Furnishing Zone. A minimum of six (6) feet of clearance shall be provided within the Throughway Zone.



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 if more than 10 feet from the building, provided that there is a minimum of six (6) feet width of unobstructed pathway along the Thoroughway Zone to allow for pedestrian movement.
- Two (2) preferred styles for sandwich boards include:
 - Contemporary Style: Sign color is seamlessly integrated with structure of sandwich board
 - Traditional Style: defined by a raised frame.
- The following types are discouraged:
 - T-frame structures are prohibited to lessen the potential of a 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

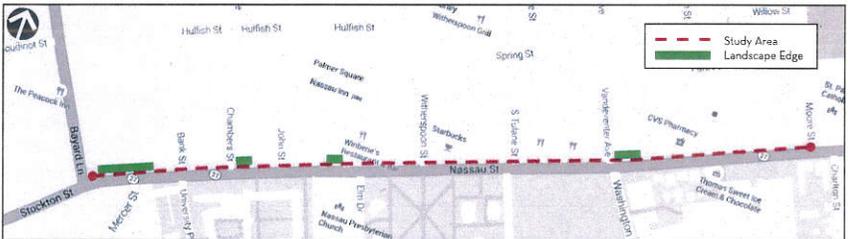
LANDSCAPE EDGES



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

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/bioretention basins



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

ALLEY CROSSINGS



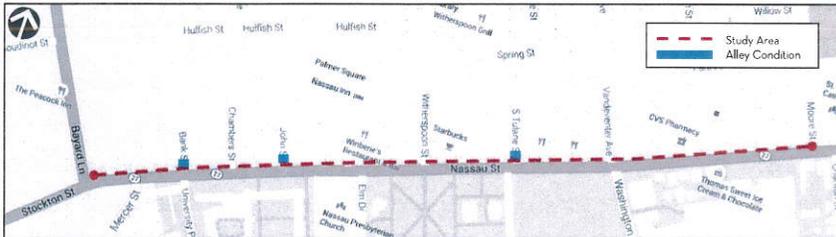
Simulated view of raised pedestrian crossing over cobblestone alley.



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 locations along study area on Nassau Street. These three locations are Bank Street, John Street Alley, and South Tulane Street.

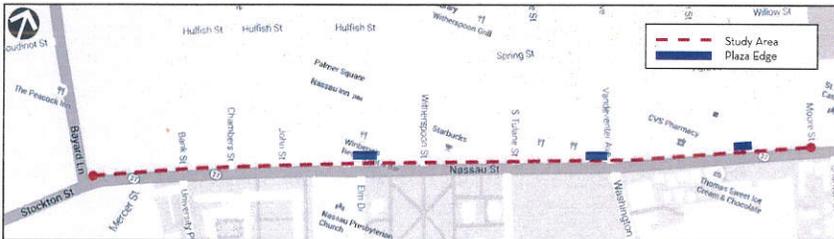
PLAZA EDGES



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

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.



The Plaza edge condition occurs at three 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.

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

 = Green

Design Elements - Tree Well Treatments

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
Crushed red stone (Existing) 	#57 - 3/4" 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 sets 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 3/4" thick depending on material. 1/4" 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.

 = Green

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.

 = Green

Design Elements - Bicycle Racks

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
 <p>Hoop Rack (Existing)</p>	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
 <p>Rolling Rack (Existing)</p>	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
 <p>Post and Ring</p>	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
<p>Wheel Well Secure</p>	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
<p>Wheel Well Secure 5-bike Rack</p>	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

 = Green

Design Elements - Newspaper Racks

Material/Design Element	Manufacturer & Description	Approximate Cost	Durability & Maintenance	Implementation Range
<p>Consolidated Rack</p> 	<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>

 = Green

Design Elements - Benches

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

 = Green

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 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.

 = Green

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.

 = Green

Existing View



DRAFT 10.05.2016

DRAFT 10.05.2016

With Enhancements



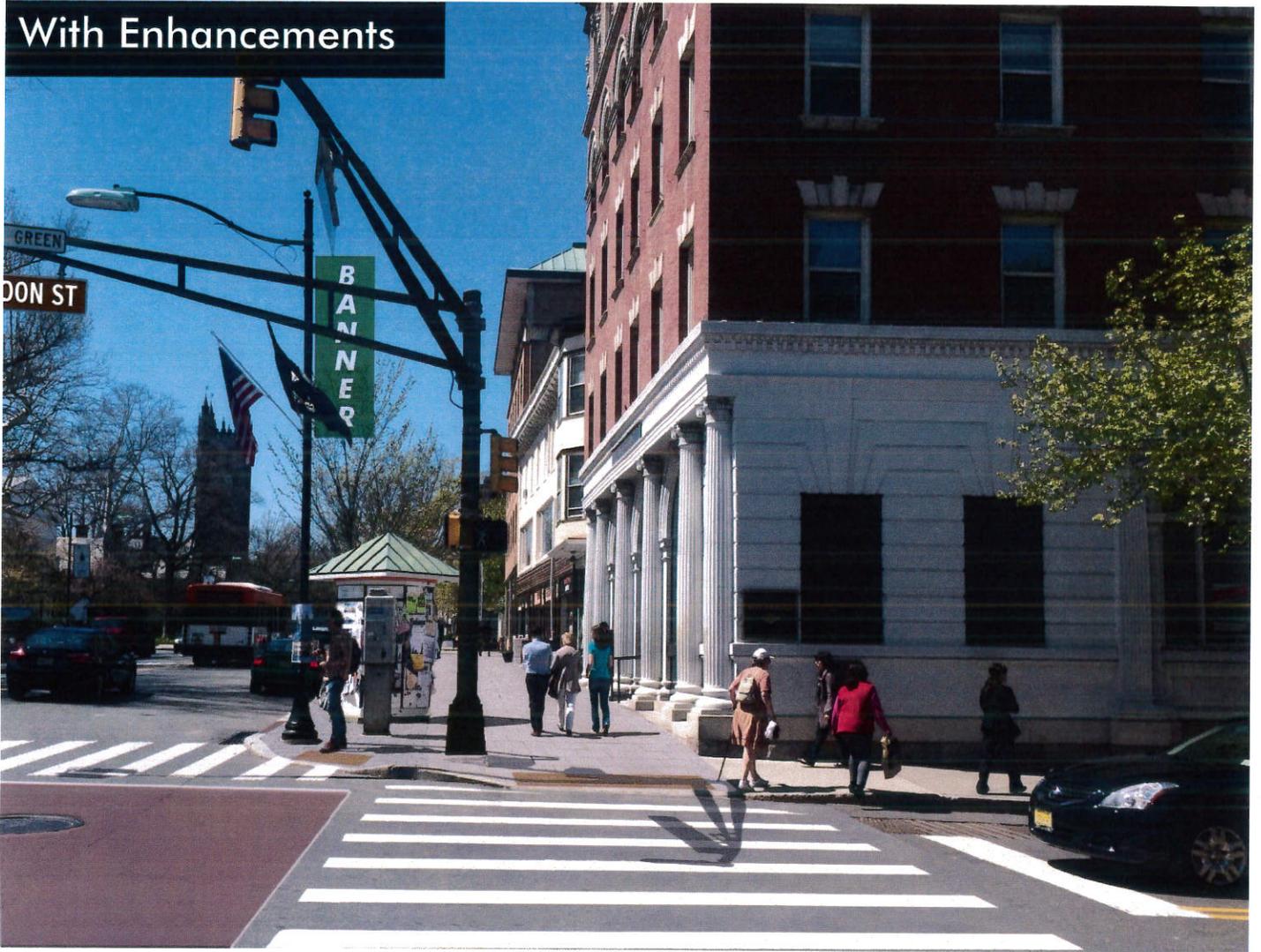
DRAFT 10.05.2016

DRAFT 10.05.2016







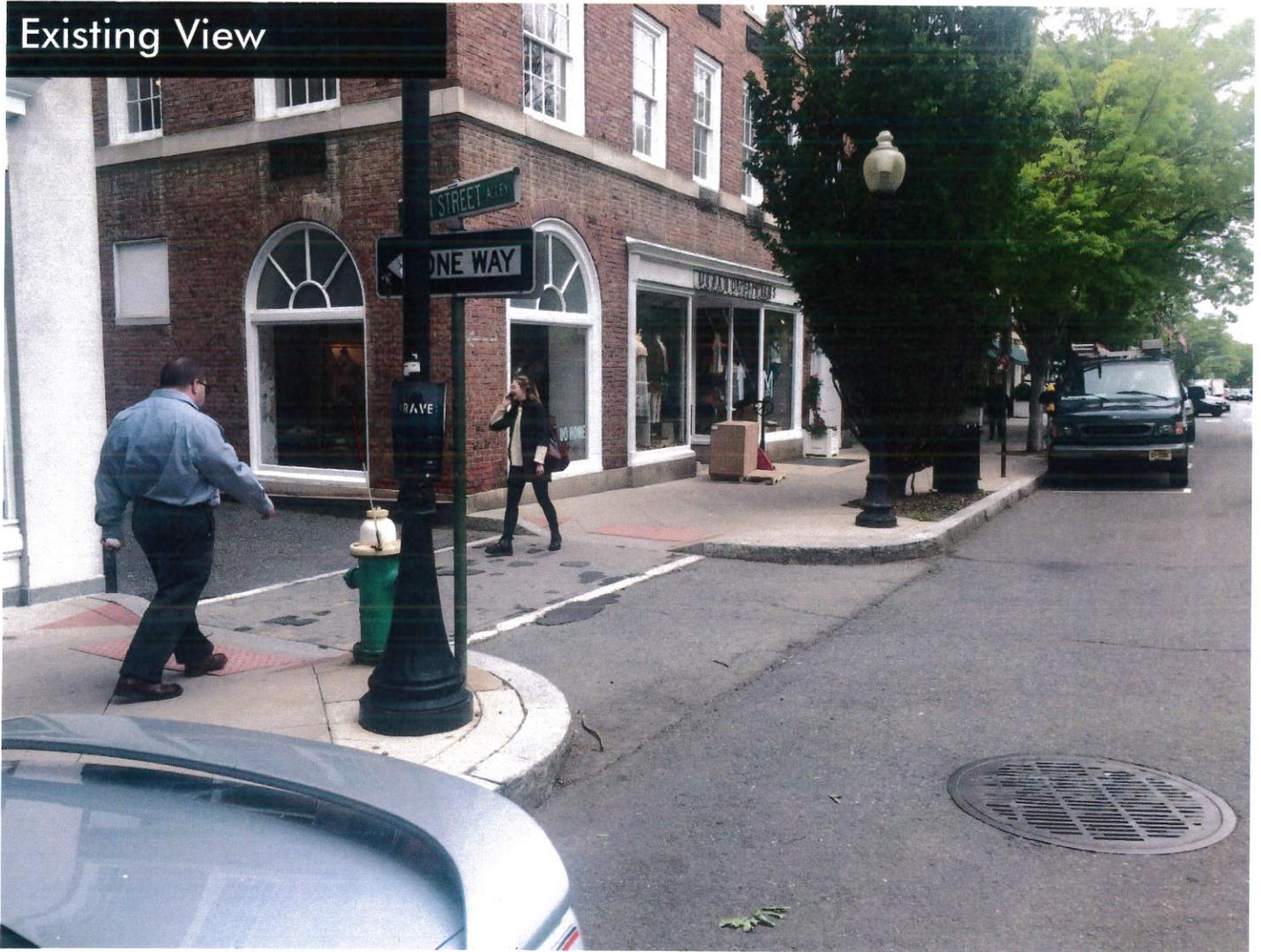


Existing View



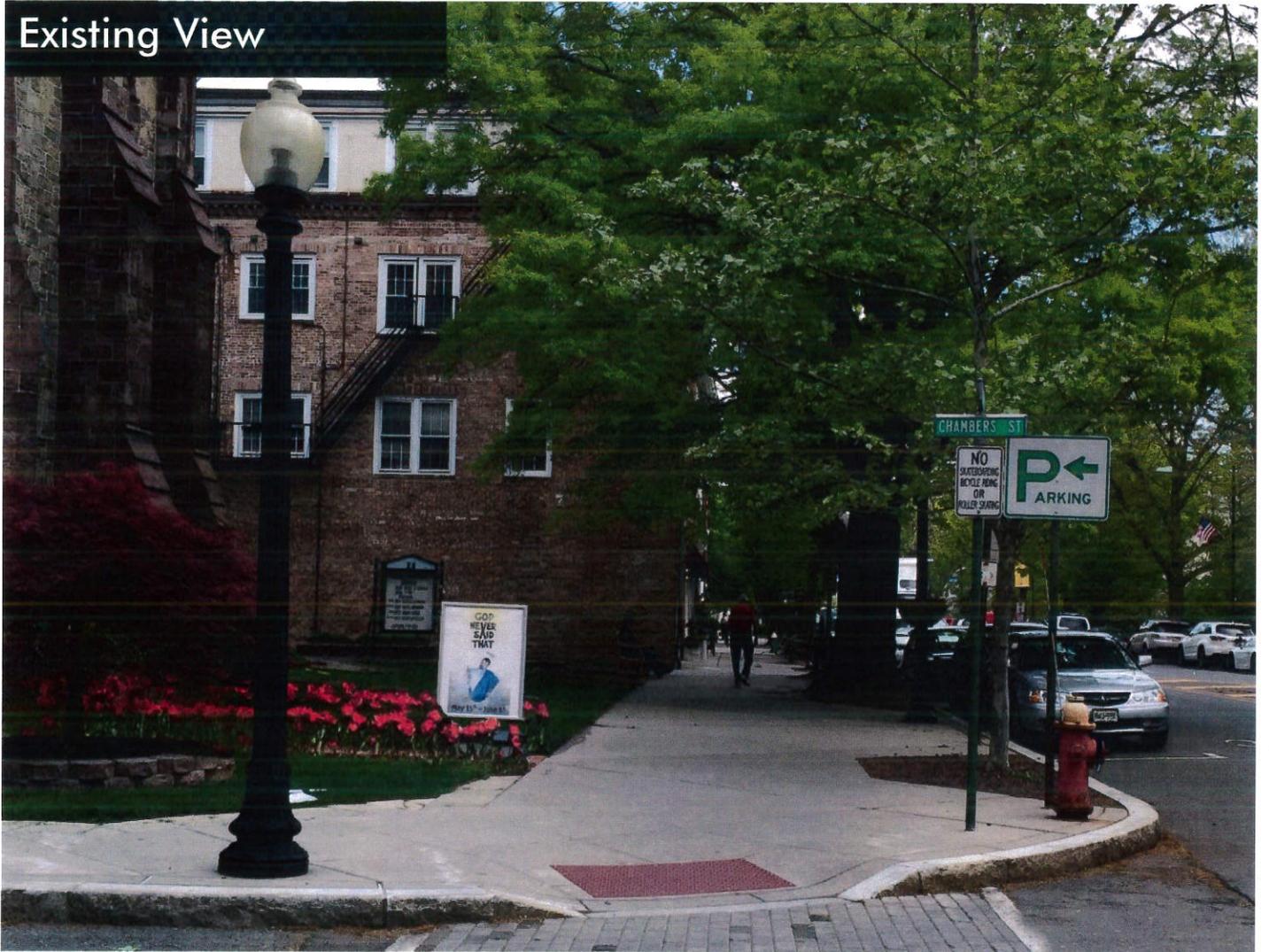
With Enhancements







Existing View



With Enhancements

