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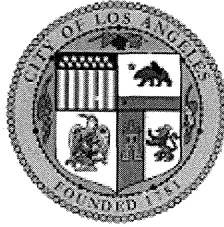
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DR. FERNANDO CAMPOS
EXECUTIVE OFFICER

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November 30, 2018

BPW-2018-0999

City Council
Room No. 395
City Hall

PUBLIC WORKS TRUST FUND LOAN AMENDMENT – STREET LIGHTING PROJECTS

As recommended in the accompanying amended report of the Director of the Bureau of Street Lighting, which this Board has adopted, the Board of Public Works recommends that the City Council:

1. Amend the attached August 9, 2017 Board of Public Works Report that requested five loans from the Public Works Trust Fund to the Street Lighting Maintenance Assessment Fund. This Board report is requesting to amend the project titles of the five loans.

FISCAL IMPACT

There is no impact to the General Fund.

Sincerely,

DR. FERNANDO CAMPOS,
Executive Officer, Board of Public Works

FC:jc



DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING

REPORT NO. 1

NOV 30 2018


C.D. Various

Honorable Board of Public Works
of the City of Los Angeles

RPW-2018-09989
AS AMENDED**

ADOPTED BY THE BOARD
PUBLIC WORKS OF THE CITY
of Los Angeles California

AND REFERRED TO THE CITY COUNCIL
NOV 30 2018


Executive Officer
Board of Public Works

AMEND THE AUGUST 9, 2017 BPW REPORT TO REQUEST LOANS TO BUREAU OF STREET LIGHTING (BSL) FROM THE PUBLIC WORKS TRUST FUND TO BE REIMBURSED FROM GRANTS

RECOMMENDATIONS:

1. Amend the attached August 9, 2017 Board of Public Works Report that requested five loans from the Public Works Trust Fund (PWTF) to the Street Lighting Maintenance Assessment Fund. This board reports is requesting to amend the project titles of the five loans. Forward this amended report to the Los Angeles City Council requesting to:
 - 1.2 Authorize five loans from the Public Works Trust Fund (Fund 834) totaling \$6,875,000, payable to the Street Maintenance Assessment Fund (Fund 347), to fund the design and construction of street lighting projects to be repaid as federal grant proceeds are received from California Department of Transportation (Caltrans) and LAMTA on a cost reimbursement basis. The individual loan amounts requested are estimates and are subject to change based on the final bid amounts. Nevertheless, the overall cost of the five loans shall not exceed \$6,875,000 through this Board Report.
 - 1.3 Authorize that grant reimbursements from the State and LAMTA be deposited into the Street Lighting Maintenance Assessment Fund and subsequently transferred back to the Public Works Trust Fund no later than one week after the deposit has been made.

ATTACHMENTS:

1. November 4, 2016, Board of Public Works Report No. 1 from BSL.
2. August 9, 2017, Board of Public Works Report No. 1 from BSL

DISCUSSION

The BSL identified five projects that are included in the 2017 FTIP (Federal Transportation Improvement Program) and qualify for federal reimbursement of construction costs under the Surface Transportation Program. The attached November 4, 2016 BPW Report and subsequent August 9, 2017 BPW Report approved funding from the PWTF to front fund the construction of these projects to be repaid as federal grant proceeds are received from Caltrans and the LAMTA on a cost reimbursement basis.

The Bureau would like to amend the list of projects to reflect the deletion of Lower Grand Tunnel Lighting that has since received SB1 funding and replace it with Main Street Lighting Improvement Unit 1. This project is also included in the FTIP and is qualified to receive federal reimbursements of construction costs under the Surface Transportation Program. This report will also remove the cost allocations per project since they are estimates and the Bureau will request loans as they are awarded, not to exceed \$6,875,000.

**DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING**

REPORT NO. 1

Page 2

The modified loans from the PWTF, scope and schedule for each project is indicated as follows.

1. MAIN STREET LIGHTING IMPROVEMENT UNIT 1 CIP/STP– CD 9

This project is located on Main Street between 43rd St and 36th St. The project will include the installation of 57 new steel fluted street lighting poles with ornamental bases, and LED luminaires to replace the older high voltage street lighting system installed in 1924. This project is a priority for the Bureau to continue to convert older high voltage circuits to low voltage and install energy efficient LED fixtures.

This project will result in a more reliable system that will raise lighting levels to increase visibility and reduce energy use. The timeline is estimated to be:

Contract Award:	February 2019
Construction Complete:	April 2020
Board Acceptance:	October 2020

2. OLYMPIC BLVD – FLOWER ST TO LAKE ST (VISION ZERO) STM/STP – CD 1, 9, 14

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM (series to multiple) conversion project will replace the existing high voltage street lighting with low voltage LED units.

Most of the existing mid-block poles and conduit were installed in 1938 and 1939 with lead sheath cable. Whether it is dirt accumulation or deterioration, lead sheath cable in aged conduit does not allow the existing cables to be removed to an extent where new wires may be installed in the existing conduit. Since the existing conduit cannot be reused, new conduit will be installed.

Approximately 80 lights will be converted to LED. The existing luminaires are a mix of HPS (high pressure sodium) and MV (mercury vapor) lamps in cobrahead and pendant fixtures. The project will save an estimated 80,000 KWhrs of energy, or \$10,400 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system. The timeline is estimated to be:

Advertise Project:	May 2019
Contract Award:	Sept 2019
Construction Complete:	November 2019
Board Acceptance:	May 2020

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BUREAU OF STREET LIGHTING**

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3. WILSHIRE BLVD - CURSON AVE TO WILTON PL (VISION ZERO) STM/STP – CD 4

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM conversion project will replace the existing high voltage street lighting with low voltage LED units.

The street lighting system was installed circa 1956 with lead sheath cable. Whether it is dirt accumulation or deterioration, lead sheath cable in aged conduit does not allow the existing cables to be removed to an extent where new wires may be installed in the existing conduit. Since the existing conduit cannot be reused, new conduit will be installed.

Approximately 328 fixtures will be converted to LED. These fixtures are decorative utilizing old energy inefficient lamps. The new project will replace them with the same ornate look. The project will save an estimated 401,000 KWhrs in energy, or \$52,000 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system. The timeline is estimated to be:

Advertise Project:	May 2019
Contract Award:	Sept 2019
Construction Complete:	May 2021
Board Acceptance:	November 2021

4. VENTURA BL - AMIGO AVE TO CALHOUN AVE (VISION ZERO) STM/STP – CD 3, 4, 5

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM conversion project will replace the existing high voltage street lighting with low voltage LED units.

The street lighting system was installed between 1962 and 1972. Though the existing cables are not lead sheathed, the conduits between Densmore Ave and Sepulveda Blvd have deteriorated and need to be replaced.

Approximately 220 lights will be converted to LED. The existing luminaires are a mix of HPS, MV and incandescent cobrahead fixtures. All fixtures will be replaced with LED. The project will save an estimated 160,000 KWhrs in energy, or \$21,000 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system.

The timeline is estimated to be:

Advertise Project:	August 2018
Contract Award:	January 2019
Construction Complete:	March 2020
Board Acceptance:	Sept 2020

**DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING**

REPORT NO. 1

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5. ENHANCED MTA BUS STOPS SECURITY LIGHTING – CD (various locations).

The Bureau of Street Lighting has identified 18 bus stops from the list provided by LAMTA that qualify for federal reimbursement of design and construction costs under the program. The improvements at these bus stops will greatly enhance the existing security lighting system's reliability and light output thereby improving bus riders/pedestrian safety sensibility.

There's no existing security lighting provided at these 18 bus stops. This project will provide a comfortable visibility to encourage pedestrian and bus rider traffic. The timeline is estimated to be:

Advertise Project:	February 2018
Contract Award:	June 2018
Construction Complete:	August 2019
Board Acceptance:	February 2020

FISCAL IMPACT STATEMENT

There is no impact to the City's General Fund. The PWTF will front fund the projects for a total of \$6,875,000, and the PWTF will be reimbursed by the Street Lighting Maintenance Assessment Fund as soon as grant proceeds are received from Caltrans and LAMTA-FTA.

STATUS OF FINANCING

If awarded, funding will be available at the PWTF, Fund 834 to transfer to Street Lighting Maintenance Assessment (SLMAF) Fund, 347, New Account (Project Name) to front fund the construction and design of the projects. Funds will be transferred from the PWTF to SLMAF upon awarding of contract and showing proof of grant award.

Federal billings will be submitted progressively and PWTF will be reimbursed as grant proceeds are received from Caltrans and LAMTA as per Recommendation 1.1.3.

Report prepared by:
Vincent Nguyen
Senior Engineering Manager
(213) 847-1816

Respectfully submitted,


Norma Isahakian, Executive Director
Bureau of Street Lighting

BPW-2016-0429
BPW-2018-0998

**DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING**

AS AMENDED**

REPORT NO. 1


ADOPTED BY THE BOARD
PUBLIC WORKS OF THE CITY
of Los Angeles California

NOVEMBER 4, 2016

AND REFERRED TO THE CITY COUNCIL
NOV - 4 2016

C.D. 1, 3, 4, 5, 9, 14

Honorable Board of Public Works
of the City of Los Angeles


Executive Officer
Board of Public Works

AUTHORITY TO REQUEST FOUR LOANS FROM THE PUBLIC WORKS TRUST FUND TO BE REIMBURSED AS GRANT PROCEEDS ARE RECEIVED

RECOMMENDATIONS:

1. Approve and forward this report to the Los Angeles City Council requesting to:

****subject to grant award approval,**

** 1.2 Authorize four loans from the Public Works Trust Fund (Fund 834) totaling \$6,875,000, payable by the Street Maintenance Assessment Fund (Fund 347), to front fund the construction of four street lighting projects to be repaid as federal grant proceeds are received from Caltrans on a cost reimbursement basis.

1.3 Authorize that grant reimbursements from the State be deposited into the Street Lighting Maintenance Assessment Fund and subsequently transferred back to the Public Works Trust Fund no later than one week after the deposit has been made.

DISCUSSION

The Bureau of Street Lighting maintains over 215,000 streetlights comprising the second largest municipal system in the Country. The City's lighting system has over 400 different designs from ornate/historical streetlights that date back to the early 1900's. In addition to continually repairing light fixtures, the Bureau prioritizes older, outdated systems/circuits that are in need of replacement or refurbishment. Many of the systems are on major and secondary highways that qualify for federal reimbursement of construction costs with the only requirement that the City front fund the projects.

The Bureau of Street Lighting has identified four projects on major or secondary highways that qualify for federal reimbursement of construction costs under the Surface Transportation Program. On Oct. 13, 2016, the projects received preliminary approval for inclusion into the 2017 FTIP (Federal Transportation Improvement Program). Inclusion on the FTIP listing confirms eligibility to apply for federal reimbursement. Funding from Gas Tax was denied for FY2016-17, and the Street Lighting Maintenance Assessment Fund does not have sufficient funding to front the construction of these projects. The improvements for these projects will greatly enhance the existing lighting system's reliability and light output thereby improving vehicular and pedestrian safety.

1. **LOWER GRAND TUNNEL** – CD 14 (4th St. to General Thaddeus Kosciuzkow Way (GTK Way))

Loan Amount Requested: \$2,875,000

The existing lighting in the tunnel utilizes 40 foot 400W Metal Halide light pipes. The illumination is below current standards and the lighting fixtures are failing. Current and future increases in downtown traffic due to continuing property developments in the area has made this project a high priority for the Bureau.

**DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING**

REPORT NO. 1

NOVEMBER 4, 2016

Page 2

Approximately 170 fixtures will be replaced with new LED fixtures. Replacement of the tunnel lighting to LED will save an estimated 208,000 KWhrs in energy per year, resulting in a savings of over \$27,000 per year.

This project will result in a more reliable system that will raise lighting levels to increase visibility and reduce energy use.

The timeline is estimated to be:

Advertise Project:	May 2017
Contract Award:	November 2017
Construction Complete:	March 2019
Board Acceptance:	September 2019

2. OLYMPIC BLVD – FLOWER ST TO LAKE ST (VISION ZERO) STM/STP – CD 1, 9, 14

Loan Amount Requested: \$1,000,000

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM (series to multiple) conversion project will replace the existing high voltage street lighting with low voltage LED units.

Most of the existing mid-block poles and conduit were installed in 1938 and 1939 with lead sheath cable. Whether it is dirt accumulation or deterioration, lead sheath cable in aged conduit does not allow the existing cables to be removed to an extent where new wires may be installed in the existing conduit. Since the existing conduit cannot be reused, new conduit will be installed.

Approximately 80 lights will be converted to LED. The existing luminaires are a mix of HPS (high pressure sodium) and MV (mercury vapor) lamps in cobrahead and pendant fixtures. The project will save an estimated 80,000 KWhrs of energy, or \$10,400 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system.

The timeline is estimated to be:

Advertise Project:	January 2018
Contract Award:	July 2018
Construction Complete:	July 2019
Board Acceptance:	December 2019

**DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING**

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3. WILSHIRE BLVD - CURSON AVE TO WILTON PL (VISION ZERO) STM/STP – CD 4

Loan Amount Requested: \$2,200,000

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM conversion project will replace the existing high voltage street lighting with low voltage LED units.

The street lighting system was installed circa 1956 with lead sheath cable. Whether it is dirt accumulation or deterioration, lead sheath cable in aged conduit does not allow the existing cables to be removed to an extent where new wires may be installed in the existing conduit. Since the existing conduit cannot be reused, new conduit will be installed.

Approximately 328 fixtures will be converted to LED. These fixtures are decorative utilizing old energy inefficient lamps. The new project will replace them with the same ornate look. The project will save an estimated 401,000 kWhrs in energy, or \$52,000 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system.

The timeline is estimated to be:

Advertise Project:	June 2018
Contract Award:	December 2018
Construction Complete:	March 2020
Board Acceptance:	September 2020

4. VENTURA BL - AMIGO AVE TO CALHOUN AVE (VISION ZERO) STM/STP – CD 3, 4, 5

Loan Amount Requested: \$800,000

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM conversion project will replace the existing high voltage street lighting with low voltage LED units.

The street lighting system was installed between 1962 and 1972. Though the existing cables are not lead sheathed, the conduits between Densmore Ave and Sepulveda Blvd have deteriorated and need to be replaced.

Approximately 220 lights will be converted to LED. The existing luminaires are a mix of HPS, MV and incandescent cobrahead fixtures. All fixtures will be replaced with LED. The project will save an estimated 160,000 kWhrs in energy, or \$21,000 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system.

The timeline is estimated to be:

Advertise Project:	January 2018
Contract Award:	July 2018
Construction Complete:	July 2019
Board Acceptance:	December 2019

**DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING**

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NOV 04 2016

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FISCAL IMPACT STATEMENT

There is no impact to the City's General Fund. The PWTF will front fund the projects for a total of \$6,875,000, and the PWTF will be reimbursed by the Street Lighting Maintenance Assessment Fund as soon as grant proceeds are received from Caltrans.

STATUS OF FINANCING

if awarded, funding will be available at the PWTF, Fund 834 to transfer to Street Lighting Maintenance Assessment (SLMAF) Fund, 347, New Account (Project Name) to front fund the construction of the projects. Funds will be transferred from the PWTF to SLMAF upon awarding of contract and showing proof of grant award.

Federal billings will be submitted progressively and PWTF will be reimbursed as grant proceeds are received from Caltrans as per Recommendation 1.1.3.

Report prepared by:



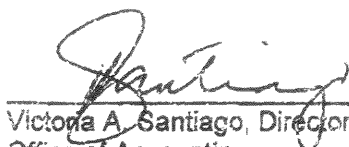
Shant Hovasapian,
Division Manager
INFRASTRUCTURE IMPROVEMENT DIVISION
213-847-1438

Respectfully submitted,



Ed Ebrahimian, Director
Bureau of Street Lighting

**STATEMENT AS TO FUNDS AND ACCOUNTING
INSTRUCTIONS APPROVED BY:**



Victoria A. Santiago, Director
Office of Accounting

Date: 10/25/16

RPW-2017-0746
BPW-2018-0998

DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING

REPORT NO. 1

COPIED BY THE BOARD
SUPERVISORS OF THE CITY
OF LOS ANGELES

AND REFERRED TO THE CITY COUNCIL

AUG 9 2017

C.D. Various

Honorable Board of Public Works
of the City of Los Angeles

Prof
Trevor A. Bellcoer
Director of Public Works

AMEND THE NOVEMBER 4, 2016 BPW REPORT TO REQUEST LOANS TO BUREAU OF STREET LIGHTING (BSL) FROM THE PUBLIC WORKS TRUST FUND TO BE REIMBURSED FROM GRANTS

RECOMMENDATIONS:

1. Amend the attached November 4, 2016 Board of Public Works Report that requested four loans from the Public Works Trust Fund (PWTF) to the BSL to five loans with no change in total cost. Forward this amended report to the Los Angeles City Council requesting to:
 - 1.2 Authorize five loans from the Public Works Trust Fund (Fund 834) totaling \$6,875,000, payable to the Street Lighting Maintenance Assessment Fund (Fund 347), to fund the design and construction of street lighting projects to be repaid as federal grant proceeds are received from California Department of Transportation (Caltrans) and LAMTA on a cost reimbursement basis. The individual loan amounts requested are estimates and are subject to change based on the final bid amounts. Nevertheless, the overall cost of the five loans shall not exceed \$6,875,000 through this Board Report.
 - 1.3 Authorize that grant reimbursements from the State and LAMTA be deposited into the Street Lighting Maintenance Assessment Fund and subsequently transferred back to the Public Works Trust Fund no later than one week after the deposit has been made.

ATTACHMENTS:

1. Approved Federal Transit Administration (FTA) Grant for Federal Section 5307 1% Transit Enhancements funds to LAMTA for \$600,000. The grant is for the installation of Enhanced Bus Stop energy efficient lighting near MTA transit centers.
2. November 4, 2016, Board of Public Works Report 1 from BSL.

DISCUSSION

The BSL identified four projects that are included in the 2017 FTIP (Federal Transportation Improvement Program) and qualify for federal reimbursement of construction costs under the Surface Transportation Program. The attached November 4, 2016 BPW Report approved funding from the PWTF to front fund the construction of these projects to be repaid as federal grant proceeds are received from Caltrans on a cost reimbursement basis.

The Bureau has an additional project that will be reimbursed through the LAMTA and FTA for \$750,000 for design and construction. The BSL is requesting that the loan amounts for the original four projects and schedules be modified to include the LAMTA-FTA project. The \$750,000 loan from the PWTF (Fund 834) will front the design and construction costs to install additional security lighting at approximately 18 bus stops in the City of Los Angeles. LAMTA will pass through to BSL up to \$600,000 of Federal Funds and up to \$150,000 of LAMTA Local Funds for the project. The FTA grant of \$600,000 has been awarded and MTA has committed to include \$150,000 of internal funds. These funds will be approved by the MTA board upon approval of this report.

**DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING**

REPORT NO. 1

August 9, 2017

Page 2

The modified loan amounts from the PWTF, scope and schedule for each project is indicated as follows.

1. LOWER GRAND TUNNEL – CD 14 (4th St. to General Thaddeus Kosciuzkow Way (GTK Way))

Loan Amount Requested: \$2,685,000

The existing lighting in the tunnel utilizes 40 foot 400W Metal Halide light pipes. The illumination is below current standards and the lighting fixtures are failing. Current and future increases in downtown traffic due to continuing property developments in the area has made this project a high priority for the Bureau.

Approximately 170 fixtures will be replaced with new LED fixtures. Replacement of the tunnel lighting to LED will save an estimated 208,000 KWhrs in energy per year, resulting in a savings of over \$27,000 per year.

This project will result in a more reliable system that will raise lighting levels to increase visibility and reduce energy use. The timeline is estimated to be:

Advertise Project:	January 2018
Contract Award:	June 2018
Construction Complete:	October 2019
Board Acceptance:	December 2019

2. OLYMPIC BLVD – FLOWER ST TO LAKE ST (VISION ZERO) STM/STP – CD 1, 9, 14

Loan Amount Requested: \$1,000,000

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM (series to multiple) conversion project will replace the existing high voltage street lighting with low voltage LED units.

Most of the existing mid-block poles and conduit were installed in 1938 and 1939 with lead sheath cable. Whether it is dirt accumulation or deterioration, lead sheath cable in aged conduit does not allow the existing cables to be removed to an extent where new wires may be installed in the existing conduit. Since the existing conduit cannot be reused, new conduit will be installed.

Approximately 80 lights will be converted to LED. The existing luminaires are a mix of HPS (high pressure sodium) and MV (mercury vapor) lamps in cobrahead and pendant fixtures. The project will save an estimated 80,000 KWhrs of energy, or \$10,400 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system. The timeline is estimated to be:

Advertise Project:	January 2018
Contract Award:	July 2018
Construction Complete:	July 2019
Board Acceptance:	December 2019

DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING

REPORT NO. 1

August 9, 2017

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3. WILSHIRE BLVD - CURSON AVE TO WILTON PL (VISION ZERO) STM/STP – CD 4

Loan Amount Requested: \$1,640,000

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM conversion project will replace the existing high voltage street lighting with low voltage LED units.

The street lighting system was installed circa 1956 with lead sheath cable. Whether it is dirt accumulation or deterioration, lead sheath cable in aged conduit does not allow the existing cables to be removed to an extent where new wires may be installed in the existing conduit. Since the existing conduit cannot be reused, new conduit will be installed.

Approximately 328 fixtures will be converted to LED. These fixtures are decorative utilizing old energy inefficient lamps. The new project will replace them with the same ornate look. The project will save an estimated 401,000 KWhrs in energy, or \$52,000 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system. The timeline is estimated to be:

Advertise Project:	June 2018
Contract Award:	December 2018
Construction Complete:	March 2020
Board Acceptance:	September 2020

4. VENTURA BL - AMIGO AVE TO CALHOUN AVE (VISION ZERO) STM/STP – CD 3, 4, 5

Loan Amount Requested: \$800,000

The project location is on the High Injury Network of the Mayor's Vision Zero Initiative. This STM conversion project will replace the existing high voltage street lighting with low voltage LED units.

The street lighting system was installed between 1962 and 1972. Though the existing cables are not lead sheathed, the conduits between Densmore Ave and Sepulveda Blvd have deteriorated and need to be replaced.

Approximately 220 lights will be converted to LED. The existing luminaires are a mix of HPS, MV and incandescent cobrahead fixtures. All fixtures will be replaced with LED. The project will save an estimated 160,000 KWhrs in energy, or \$21,000 in energy cost per year.

This project will result in a safer system, effectively reducing energy usage and the maintenance required on the system.

The timeline is estimated to be:

Advertise Project:	January 2018
Contract Award:	July 2018
Construction Complete:	July 2019
Board Acceptance:	December 2019

DEPARTMENT OF PUBLIC WORKS
BUREAU OF STREET LIGHTING

REPORT NO. 1

August 9, 2017

Page 4

5. ENHANCED MTA BUS STOPS SECURITY LIGHTING – CD (various locations)

Loan Amount Requested - \$750,000

The Bureau of Street Lighting has identified 18 bus stops from the list provided by LAMTA that qualify for federal reimbursement of design and construction costs under the program. The improvements at these bus stops will greatly enhance the existing security lighting system's reliability and light output thereby improving bus riders/pedestrian safety sensibility.

There's no existing security lighting provided at these 18 bus stops. This project will provide a comfortable visibility to encourage pedestrian and bus rider traffic. The timeline is estimated to be:

Advertise Project:	January 2018
Contract Award:	June 2018
Construction Complete:	January 2019
Board Acceptance:	June 2019

FISCAL IMPACT STATEMENT

There is no impact to the City's General Fund. The PWTF will front fund the projects for a total of \$6,875,000, and the PWTF will be reimbursed by the Street Lighting Maintenance Assessment Fund as soon as grant proceeds are received from Caltrans and LAMTA-FTA.

STATUS OF FINANCING

If awarded, funding will be available at the PWTF, Fund 834 to transfer to Street Lighting Maintenance Assessment (SLMAF) Fund, 347, New Account (Project Name) to front fund the construction and design of the projects. Funds will be transferred from the PWTF to SLMAF upon awarding of contract and showing proof of grant award.

Federal billings will be submitted progressively and PWTF will be reimbursed as grant proceeds are received from Caltrans and LAMTA as per Recommendation 1.1.3.

Report prepared by:
James Quigley and Kerney R. Marine, Jr.
Senior Engineering Managers
(213) 847-1476 and (213) 847-1484

Respectfully submitted,



Ed Ebrahimian, Director
Bureau of Street Lighting