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Memorandum

AGENDA ITEM 4

- **DATE:** March 21, 2024
- **TO:** Transportation Authority Board

FROM: Anna LaForte - Deputy Director for Policy and Programming

SUBJECT: 4/16/2024 Board Meeting: Allocate \$1,600,000 in Prop L Funds, with Conditions, and Allocate \$1,200,000 in Prop AA Funds for 2 Requests

RECOMMENDATION D Information ⊠ Fund Allocation ⊠ Action □ Fund Programming Allocate \$1,600,000 in Prop L funds to San Francisco Public Works (SFPW), with conditions, for: □ Policy/Legislation 1. Various Locations Pavement Renovation No. 62 □ Plan/Study (\$1,600,000)□ Capital Project Oversight/Delivery Allocate \$1,200,000 in Prop AA funds to SFPW for: □ Budget/Finance 2. Oakdale Lighting Improvements Project Phase 1 (\$1,200,000)□ Contract/Agreement □ Other: SUMMARY Attachment 1 lists the two requests. Attachment 2 provides a brief description of the projects. Attachment 3 contains the staff recommendations. SFPW staff will attend the meeting to answer any questions the Board may have regarding these requests.

DISCUSSION

Attachment 1 summarizes the subject requests, including information on proposed leveraging (i.e., stretching Prop L sales tax dollars further by matching them with other fund sources) compared with the leveraging assumptions in the Prop L Expenditure Plan or the Prop AA Expenditure Plan category referenced in the 2022 Prop AA Strategic Plan. Attachment 2 includes brief project descriptions. Attachment 3 summarizes the staff recommendations for these requests, highlighting special conditions and other items of interest. An Allocation Request Form for each project is



Agenda Item 4

attached, with more detailed information on scope, schedule, budget, funding, deliverables, and special conditions.

FINANCIAL IMPACT

The recommended action would allocate \$1,600,00 in Prop L funds, with conditions, and allocate \$1,200,000 in Prop AA funds. The allocations would be subject to the Fiscal Year Cash Flow Distribution Schedules contained in the attached Allocation Request Forms.

Attachment 4 shows the Prop L and Prop AA Fiscal Year 2023/24 allocations and appropriations approved to date, with associated annual cash flow commitments as well as the recommended allocation and cash flow amounts that are the subject of this memorandum.

Sufficient funds are included in the proposed Fiscal Year (FY) 2023/24 annual budget amendment. Furthermore, sufficient funds will be included in future budgets to cover the recommended cash flow distributions in those fiscal years.

CAC POSITION

The CAC will consider this item at its March 27, 2024, meeting.

SUPPLEMENTAL MATERIALS

- Attachment 1 Summary of Requests
- Attachment 2 Project Descriptions
- Attachment 3 Staff Recommendations
- Attachment 4 Prop L and Prop AA Allocation Summaries FY 2023/24
- Attachment 5 Allocation Request Forms (2)

	Leveraging											
Source	EP Line No./ Category ¹	Project Sponsor ²	Project Name	Current Prop L Request	P	Current rop AA Request	F	otal Cost for Requested Phase(s)	Expected Leveraging by EP Line ³	Actual Leveraging by Project Phase(s) ⁴	Phase(s) Requested	District(s)
Prop L	15	SFPW	Various Locations Pavement Renovation No. 62	\$ 1,600,000			\$	7,047,000	95%	77%	Construction	3, 5, 6
Prop AA	Ped	SFPW	Oakdale Lighting Improvements Phase 1		\$	1,200,000	\$	1,200,000	NA	0%	Construction	10
			TOTAL	\$ 1,600,000	\$	1,200,000	\$	8,247,000				-

Footnotes

"EP Line No./Category" is either the Prop L Expenditure Plan line number referenced in the 2023 Prop L Strategic Plan Baseline including: Street Resurfacing, Rehabilitation, and Maintenance or the Prop AA Expenditure Plan category referenced in the 2022 Prop AA Strategic Plan, including: Street Repair and Reconstruction (Street), Pedestrian Safety (Ped), and Transit Reliability and Mobility Improvements (Transit).

Acronyms: SFPW (San Francisco Public Works)

"Expected Leveraging By EP Line" is calculated by dividing the total non-Prop L funds expected to be available for a given Prop L Expenditure Plan line item by the total expected funding for that Prop L Expenditure Plan line item over the 30-year Expenditure Plan period. For example, expected leveraging of 90% indicates that on average non-Prop L funds should cover 90% of the total costs for all projects in that program, and Prop L should cover only 10%.

4

2

3

"Actual Leveraging by Project Phase" is calculated by dividing the total non-Prop L, non-Prop AA, or non-TNC Tax funds in the funding plan by the total cost for the requested phase or phases. If the percentage in the "Actual Leveraging" column is lower than in the "Expected Leveraging" column, the request (indicated by yellow highlighting) is leveraging fewer non-Prop L dollars than assumed in the Expenditure Plan. A project that is well leveraged overall may have lower-than-expected leveraging for an individual or partial phase.

Attachment 2: Brief Project Descriptions¹

EP Line No./ Category	Project Sponsor	Project Name	Prop L Funds Requested	Prop AA Funds Requested	Project Description
15	SFPW	Various Locations Pavement Renovation No. 62	\$ 1,600,000	\$ -	Requested Prop L funds will fund the demolition and pavement renovation of 34 blocks, construction and retrofit of approximately 10 curb ramps, new sidewalk construction, traffic control, and all related and incidental work within the project limits. SFPW expects that the full scope of the project will be open for use by March 2026. See the attached Allocation Request Form for the list and map of locations included in this request.
Ped	SFPW	Oakdale Lighting Improvements Phase 1	\$ -	\$ 1,200,000	The Prop AA funds requested will replace fixtures and arms on 16 existing street lights and install 9 new roadway-scale street lights on Oakdale Avenue between 3rd Street and Phelps Street. The project also includes related work such as electrical conduit, electrical services, and sidewalk restoration. Improving lighting along Oakdale Avenue was the highest-ranked community priority in the Bayview Community Based Transportation Plan, adopted in 2020. This project will make walking more inviting and safe along this important thoroughfare. SFPW expects that the project will be open for use by June 2025.
		TOTAL	\$1,600,000	\$1,200,000	

¹ See Attachment 1 for footnotes.

Attachment 3: Staff Recommendations¹

EP Line No./ Category	Project Sponsor	Project Name	Prop L Funds Recommended		-	p AA Funds commended	Recommendations
15	SFPW	Various Locations Pavement Renovation No. 62	\$	1,600,000	\$	-	Special Condition: The Transportation Authority will not reimburse SFPW for the construction phase until Transportation Authority staff releases the funds (\$1,600,000) pending receipt of evidence of completion of design (e.g. copy of certifications page).
Ped	SFPW	Oakdale Lighting Improvements Phase 1	\$	-	\$	1,200,000	
		TOTAL	\$	1,600,000	\$	1,200,000	

¹ See Attachment 1 for footnotes.

Attachment 4: Prop L Summary - FY2023/24

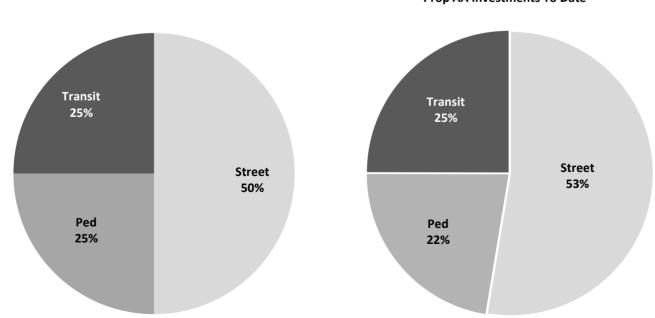
PROP L SALES TAX									
FY2023/24	Total	F	Y 2023/24	F	Y 2024/25	F	FY 2025/26	F	Y 2026/27
Prior Allocations	\$ 87,245,955	\$	14,233,965	\$	21,109,655	\$	32,584,866	\$	15,242,469
Current Request(s)	\$ 1,600,000	\$	-	\$	1,070,000	\$	530,000	\$	-
New Total Allocations	\$ 88,845,955	\$	14,233,965	\$	22,179,655	\$	33,114,866	\$	15,242,469

The above table shows maximum annual cash flow for all FY 2023/24 allocations and appropriations approved to date, along with the current recommended allocations and appropriation.

Streets and Freeways 6.9% Paratransit Paratransit, 11.8% Transit Transit Maintenance 11.4% Maintenance and & Enhancements, Transportation Enhancements 41.2% System 39.1% Streets & Development and Freeways, Management 18.9% 1.2% Major Transit Major Projects Transit 41.1% Projects, Transportation 22.6% System Development & Management, 5.9%

PROP AA VEHICLE REG	STR/	ATION FEE								
FY2023/24		Total	FY	Y 2023/24	FY	<i>2024/25</i>	FY	2025/26	FY	2026/27
Prior Allocations	\$	300,000	\$	300,000	\$	-	\$	-	\$	-
Current Request(s)	\$	1,200,000	\$	-	\$	900,000	\$	300,000	\$	_
New Total Allocations	\$	1,500,000	\$	300,000	\$	900,000	\$	300,000	\$	-

The above table shows total cash flow for all FY 2023/24 allocations approved to date, along with the current recommended allocation(s).



Prop AA Investments To Date

Prop L Expenditure Plan

Prop AA Expenditure Plan

Prop L Investments To Date (Including Pending Allocations)

Attachment 5: Allocation Request Forms (2) San Francisco County Transportation Authority Allocation Request Form

FY of Allocation Action:	FY2023/24
Project Name:	Various Locations Pavement Renovation No. 62
Primary Sponsor:	Department of Public Works

EXPENDITURE PLAN INFORMATION

PROP L Expenditure Plans	Street Resurfacing
Current PROP L Request:	\$1,600,000
Supervisorial Districts	District 03, District 05, District 06

REQUEST

Brief Project Description

The Prop L funds requested will fund the paving scope of work which includes demolition and pavement renovation of 34 blocks, construction and retrofit of approximately 10 curb ramps, new sidewalk construction, traffic control, and all related and incidental work within project limits.

Detailed Scope, Project Benefits and Community Outreach

Public Works (DPW) requests FY 2023/24 Prop L funds for the construction phase of the Various Locations Pavement Renovation No. 62 project. The Prop L funds requested will fund the paving scope of work which includes demolition and pavement renovation of 34 blocks, construction and retrofit of approximately 10 curb ramps, new sidewalk construction, traffic control, and all related and incidental work within project limits.

The project schedule will be coordinated with other projects and agencies as work programs are determined to minimize construction impacts to the City.

DPW inspects each of the City's blocks and assigns a Pavement Condition Index (PCI) score every two years. The PCI score ranges from a low of 0 to a high of 100. These scores assist DPW with implementing the pavement management strategy of aiming to preserve streets by applying the right treatment to the right roadway at the right time. Streets are selected based on PCI scores as well as the presence of transit and bicycle routes, street clearance (i.e., coordination with utilities) and geographic equity. The average PCI score within the project limits is mid 50's.

Project candidates: 1st St from Folsom St to Harrison St - 3 Blocks Cyril Magnin St from 5th St to Eddy St - 1 Block Ellis St from Taylor St to Jones St - 1 Block Grove St from Larkin St to Van Ness Ave - 2 Blocks Harrison St from 5th St to 6th St, 9th St to 10th St - 6 Blocks Jessie St from Annie St to 3rd St, Mint Plz to 6th St - 2 Blocks Larkin St from McAllister St to OFarrell St - 7 Blocks Main St from Folsom St to Bryant St - 2 Blocks Mason St from Ellis St to OFarrell St, Sutter St to Bush St - 2 Blocks Post St from Grant Ave to Stockton St, Taylor St to Leavenworth St - 6 Blocks Rincon St from Bryant St to Federal St - 1 Block Stevenson St from Annie St to 3rd St - 1 Block

All candidates shown are subject to substitution and schedule changes pending, visual confirmation, utility clearances and coordination with other agencies. Unforeseen challenges such as increased work scope, changing priorities, cost increases or declining revenue may arise causing the candidates to be postponed.

Project Location

Project Locations in District 3, 5, and 6 (see details in Scope)

Project Phase(s)

Construction (CON)

5YPP/STRATEGIC PLAN INFORMATION

Type of Project in the Prop L 5YPP/Prop AA Strategic Plan?	Named Project
Is requested amount greater than the amount programmed in the relevant 5YPP or Strategic Plan?	
PROP L Amount	\$1,600,000.00

FY of Allocation Action:	FY2023/24
Project Name:	Various Locations Pavement Renovation No. 62
Primary Sponsor:	Department of Public Works

ENVIRONMENTAL CLEARANCE

Environmental Type: Categorically Exempt

PROJECT DELIVERY MILESTONES

Phase	S	start	End		
	Quarter	Calendar Year	Quarter	Calendar Year	
Planning/Conceptual Engineering (PLAN)					
Environmental Studies (PA&ED)					
Right of Way					
Design Engineering (PS&E)	Jul-Aug-Sep	2021	Jan-Feb-Mar	2024	
Advertise Construction	Jan-Feb-Mar	2024			
Start Construction (e.g. Award Contract)	Jul-Aug-Sep	2024			
Operations (OP)					
Open for Use			Jan-Feb-Mar	2026	
Project Completion (means last eligible expenditure)			Jan-Feb-Mar	2027	

SCHEDULE DETAILS

Through the project's coordination process, there are no other known projects and/or scopes of work other than sewer rehabilitation project with PUC.

FY of Allocation Action:	FY2023/24
Project Name:	Various Locations Pavement Renovation No. 62
Primary Sponsor:	Department of Public Works

FUNDING PLAN - FOR CURRENT REQUEST

Fund Source	Planned	Programmed	Allocated	Project Total
EP-215: Street Resurfacing	\$0	\$1,600,000	\$0	\$1,600,000
Certificates of Participation (COP)	\$0	\$5,447,000	\$0	\$5,447,000
Phases In Current Request Total:	\$0	\$7,047,000	\$0	\$7,047,000

FUNDING PLAN - ENTIRE PROJECT (ALL PHASES)

Fund Source	Planned	Programmed	Allocated	Project Total
PROP L	\$0	\$1,600,000	\$0	\$1,600,000
Certificates of Participation (COP)	\$0	\$5,447,000	\$0	\$5,447,000
Highway Users Tax (HUTA)	\$0	\$0	\$550,000	\$550,000
Funding Plan for Entire Project Total:	\$0	\$7,047,000	\$550,000	\$7,597,000

COST SUMMARY

Phase	Total Cost	PROP L - Current Request	Source of Cost Estimate
Planning/Conceptual Engineering	\$0		
Environmental Studies	\$0		
Right of Way	\$0		
Design Engineering	\$550,000		SFPW Estimate to Complete
Construction	\$7,047,000	\$1,600,000	95% Engineer's Estimate
Operations	\$0		
Total:	\$7,597,000	\$1,600,000	

% Complete of Design:	95.0%
As of Date:	11/15/2023
Expected Useful Life:	15 Years

San Francisco County Transportation Authority Prop L/Prop AA/TNC Tax Allocation Request Form

MAJOR LINE ITEM BUDGET - VARIOUS LOCATIONS PAVEMENT RENOVATION NO. 62

SUMMARY BY MAJOR LINE ITEM (BY AG	Y LABOR BY ⁻	TASK)					
Budget Line Item	Totals	% of contract	SFPW	S	FMTA	С	ontractor
1. Contract							
Traffic Control/Pavement Markings	\$ 535,000					\$	535,000
Planing	\$ 740,000					\$	740,000
Asphalt Concrete	\$ 1,350,000					\$	1,350,000
Concrete Base/Pavement	\$ 1,360,000					\$	1,360,000
Concrete Curb and Curb Ramps	\$ 370,000					\$	370,000
Concrete Sidewalk	\$ 37,000					\$	37,000
Hydrant and Watermain Valve Box	\$ 59,000					\$	59,000
Pull Box/Adjust Manhole	\$ 1,000					\$	1,000
Culvert and Catch Basin Inlets	\$ 35,000					\$	35,000
Tree Guard	\$ 3,000					\$	3,000
Mobilization/Demobilization	\$ 340,000					\$	340,000
OCS Related Items	\$ 350,000					\$	350,000
Allowance for Partnering Req and Fees	\$ 40,000					\$	40,000
Subtotal	\$ 5,220,000					\$	5,220,000
2. Construction Management/Support	\$ 1,305,000	25%	\$ 1,050,000	\$	255,000		
3. Contingency	\$ 522,000	10%					
TOTAL CONSTRUCTION PHASE	\$ 7,047,000		\$ 1,050,000	\$	255,000	\$	5,220,000

FY of Allocation Action:	FY2023/24
Project Name: Various Locations Pavement Renovation No. 62	
Primary Sponsor:	Department of Public Works

SFCTA RECOMMENDATION

Resolution Number:		Resolution Date:	
Total PROP L Requested:	\$1,600,000	Total PROP L Recommended	\$1,600,000

SGA Project Number:		Name:	Various Locations Pavement Renovation No. 62			
Sponsor:	Department of Public Works	Expiration Date:	03/31/2027			
Phase:	Construction	Fundshare:	22.7%			

Cash Flow Distribution Schedule by Fiscal Year

Fund Source	FY2024/25	FY2025/26	Total
PROP L EP-215	\$1,070,000	\$530,000	\$1,600,000

Deliverables

1. Quarterly progress reports (QPRs) shall include % complete to date, photos of work being performed, upcoming project milestones (e.g. ground-breaking, ribbon-cutting), and delivery updates including work performed in the prior quarter, work anticipated to be performed in the upcoming quarter, and any issues that may impact delivery, in addition to all other requirements described in the Standard Grant Agreement.

2. With the first QPR (due July 2024) SFPW shall provide 2-3 photos of typical before conditions; with the first quarterly report following initiation of fieldwork Sponsor shall provide a photo documenting compliance with the Prop L attribution requirements as described in the SGA; and on completion of the project Sponsor shall provide 2-3 photos of completed work.

Special Conditions

1. The Transportation Authority will not reimburse SFPW for the construction phase until Transportation Authority staff releases the funds (\$1,600,000) pending receipt of evidence of completion of design (e.g. copy of certifications page).

Notes

1. Reminder: All construction signage, project fact sheets, websites and other similar materials shall comply with the attribution requirements established in the Standard Grant Agreement.

Metric	PROP AA	TNC TAX	PROP L
Actual Leveraging - Current Request	No PROP AA	No TNC TAX	77.3%
Actual Leveraging - This Project	No PROP AA	No TNC TAX	78.94%

FY of Allocation Action:	FY2023/24
Project Name: Various Locations Pavement Renovation No. 62	
Primary Sponsor: Department of Public Works	

EXPENDITURE PLAN SUMMARY

Current PROP L Request:	\$1,600,000

1) The requested sales tax and/or vehicle registration fee revenues will be used to supplement and under no circumstance replace existing local revenues used for transportation purposes.

Initials of sponsor staff member verifying the above statement:

JLY

CONTACT INFORMATION

	Project Manager	Grants Manager
Name:	Edmund Lee	Victoria Chan
Title:	Project Manager	Principal Administrative Analyst
Phone:	555-5555	(415) 205-6316
Email:	edmund.lee@sfdpw.org	victoria.w.chan@sfdpw.org

Attachment 1

Street Resurfacing Program: Various Locations Pavement Renovation No 62



NOTES: Information as of October 2023

All Public Works Street Resurfacing Program candidates are subject to substitution and schedule changes pending available funding, visual confirmation, utility clearances and coordination with other agencies and are NOT guaranteed to be moved forward to construction. Unforeseen challenges such as increased work scope, changing priorities, cost increases or declining revenue may arise causing the Public Works Street Resurfacing Program candidates to be postponed or dropped from consideration.







Various Locations Pavement Renovation No 62 Attachment 2

Various Locations Pavement Renovation No 62 Project Location Candidates

Note: All Public Works Street Resurfacing Program candidates are subject to substitution and schedule changes pending available funding, visual confirmation, utility clearances and coordination with other agencies and are NOT guaranteed to be moved forward to construction. Unforeseen challenges such as increased work scope, changing priorities, cost increases or declining revenue may arise causing the Public Works Street Resurfacing Program candidates to be postponed or dropped from consideration.

On Street	From Street	To Street	BOS
01ST ST	FOLSOM ST	GUY PL	6
01ST ST	GUY PL	LANSING ST	6
01ST ST	LANSING ST	HARRISON ST \ I-80 E ON RAMP	6
CYRIL MAGNIN ST	05TH ST \ MARKET ST	EDDY ST	3
ELLIS ST	TAYLOR ST	JONES ST	5
grove st	LARKIN ST	DR CARLTON B GOODLETT PL \ POLK ST	5
GROVE ST	DR CARLTON B GOODLETT PL \ POLK ST	VAN NESS AVE	5
harrison st	05TH ST \ I-80 W OFF RAMP	MERLIN ST	6
harrison st	MERLIN ST	OAK GROVE ST	6
harrison st	OAK GROVE ST	MORRIS ST	6
harrison st	MORRIS ST	O6TH ST	6
harrison st	O9TH ST	DORE ST	6
harrison st	dore st	10TH ST	6
JESSIE ST	ANNIE ST	03RD ST	6
JESSIE ST	MINT PLZ \ MINT ST	O6TH ST	6
LARKIN ST	MCALLISTER ST	GOLDEN GATE AVE	5
LARKIN ST	GOLDEN GATE AVE	TURK ST	5
larkin st	TURK ST	EDDY ST	5
LARKIN ST	EDDY ST	WILLOW ST	5
LARKIN ST	WILLOW ST	ELLIS ST	5
LARKIN ST	ELLIS ST	OLIVE ST	5
LARKIN ST	OLIVE ST	OFARRELL ST	5
main st	FOLSOM ST	HARRISON ST	6
main st	HARRISON ST	BRYANT ST	6
mason st	ELLIS ST	OFARRELL ST	5
mason st	SUTTER ST	BUSH ST	3
POST ST	GRANT AVE	STOCKTON ST	3
POST ST	TAYLOR ST	TRADER VIC ALY	3
POST ST	TRADER VIC ALY	Shannon st	3
POST ST	Shannon st	OPHIR ALY	3
POST ST	OPHIR ALY	JONES ST	3
POST ST	JONES ST	LEAVENWORTH ST	3
RINCON ST	BRYANT ST	FEDERAL ST	6
STEVENSON ST	ANNIE ST	03RD ST	6

Attachment 5: Allocation Request Forms (2) San Francisco County Transportation Authority Allocation Request Form

FY of Allocation Action:	FY2023/24
Project Name:	Oakdale Lighting Improvements Phase 1
Primary Sponsor:	Department of Public Works

EXPENDITURE PLAN INFORMATION

PROP AA Expenditure Plans	Prop AA Pedestrian Projects		
Current PROP AA Request: \$1,200,000			
Supervisorial District	District 10		

REQUEST

Brief Project Description

The project will replace fixtures and arms on 16 existing street lights and install 9 new roadway-scale street lights along with appurtenance installation and related work, such as electrical conduit, electrical services, sidewalk restoration on Oakdale Avenue between 3rd Street and Phelps Street. Improving lighting along Oakdale Avenue was the highest-ranked community priority in the Bayview Community Based Transportation Plan, adopted in 2020. This project will make walking more inviting and safe along this important thoroughfare.

Detailed Scope, Project Benefits and Community Outreach

The project will replace fixtures and arms on 16 existing street lights and install 9 new roadway-scale street lights along with appurtenance installation and related work, such as electrical conduit, electrical services, sidewalk restoration on Oakdale Avenue between 3rd Street and Phelps Street. This is a a busy thoroughfare in the Bayview District.

Improving lighting along Oakdale Avenue was the highest-ranked community priority in the Bayview Community Based Transportation Plan (CBTP), adopted in 2020. The Bayview CBTP engaged over 4,000 residents during a 2-year planning period and worked in paid partnership with five community based organizations to engage residents typically excluded from the planning process. The Bayview CBTP received the "Advancing Diversity and Social Change" national award from the American Planning Association in the summer of 2021.

In 2022, SFCTA programmed \$1,650,000 in Prop AA funds for the construction phase of this project to install ~50 new street/pedestrian-scale street lights on Oakdale, between 3rd Street and Phelps St. Through the design phase, which was funded by Prop AA, SFPW conducted a photometric analysis and found it was able to retain the existing light poles with upgraded fixtures and add 9 streetlights to reduce the spacing to bring the lighting level up. Based on the photometric analysis, SFPW concluded that additional pedestrian or roadway scale lighting beyond the current proposed scope may cause some sidewalk/roadway areas overlit. The current proposed scope is estimated to cost \$1,200,000 and is the most cost-effective design that complies with the original intent of improving pedestrian lighting, as well as streetlight standards/regulations. Commissioner Walton's office is supportive of

moving forward the proposed construction project.

Project Location

Oakdale Avenue (3rd Street - Phelps Street)

Project Phase(s)

Construction (CON)

5YPP/STRATEGIC PLAN INFORMATION

Type of Project in the Prop L 5YPP/Prop AA Strategic Plan?	•
Is requested amount greater than the amount programmed in the relevant 5YPP or Strategic Plan?	
PROP AA Amount	\$1,650,000.00

FY of Allocation Action:	FY2023/24
Project Name:	Oakdale Lighting Improvements Phase 1
Primary Sponsor:	Department of Public Works

ENVIRONMENTAL CLEARANCE

Environmental Type: Categorically Exempt

PROJECT DELIVERY MILESTONES

Phase	s	tart	End		
	Quarter	Calendar Year	Quarter	Calendar Year	
Planning/Conceptual Engineering (PLAN)					
Environmental Studies (PA&ED)	Oct-Nov-Dec	2022	Oct-Nov-Dec	2022	
Right of Way					
Design Engineering (PS&E)	Jan-Feb-Mar	2023	Oct-Nov-Dec	2023	
Advertise Construction	Apr-May-Jun	2024			
Start Construction (e.g. Award Contract)	Jul-Aug-Sep	2024			
Operations (OP)					
Open for Use			Apr-May-Jun	2025	
Project Completion (means last eligible expenditure)			Apr-May-Jun	2026	

SCHEDULE DETAILS

FY of Allocation Action:	FY2023/24		
Project Name: Oakdale Lighting Improvements Phase 1			
Primary Sponsor:	Department of Public Works		

FUNDING PLAN - FOR CURRENT REQUEST

Fund Source	Planned	Programmed	Allocated	Project Total	
EP-702: Prop AA Pedestrian Projects	\$0	\$1,200,000	\$0	\$1,200,000	
Phases In Current Request Total:	\$0	\$1,200,000	\$0	\$1,200,000	

FUNDING PLAN - ENTIRE PROJECT (ALL PHASES)

Fund Source	Planned	Programmed	Allocated	Project Total	
PROP AA	\$0	\$1,200,000	\$324,000	\$1,524,000	
Funding Plan for Entire Project Total:	\$0	\$1,200,000	\$324,000	\$1,524,000	

COST SUMMARY

Phase	Total Cost	PROP AA - Current Request	Source of Cost Estimate
Planning/Conceptual Engineering	\$0		
Environmental Studies	\$0		
Right of Way	\$0		
Design Engineering	\$324,000		Actual costs
Construction	\$1,200,000	\$1,200,000	Engineer's estimate at 100% design
Operations	\$0		
Total:	\$1,524,000	\$1,200,000	

% Complete of Design:	100.0%
As of Date:	01/31/2024
Expected Useful Life:	50 Years

San Francisco County Transportation Authority Prop L/Prop AA/TNC Tax Allocation Request Form

MAJOR LINE ITEM BUDGET - OAKDALE LIGHTING IMPROVEMENTS

SUMMARY BY MAJOR LINE ITEM (BY AGENCY LABOR BY TASK)								
Budget Line Item		Totals	% of contract	SFPW		Contractor		
1. Contract								
General Work Items (WI)	\$	180,000				\$	180,000	
Sidewalk/Curb Ramp Related WI	\$	-				\$	-	
Sewer Related WI	\$	-				\$	-	
Structural Related WI	\$	-				\$	-	
Electrical Related WI	\$	600,000				\$	600,000	
Water Related WI	\$	-				\$	-	
Subtotal	\$	780,000				\$	780,000	
3. Construction Management/Support	\$	280,000	36%	\$	280,000			
4. Other Direct Costs (e.g. SFMTA traffic								
routing support)	\$	25,000	3%	\$	25,000			
5. Contingency	\$	115,000	15%	\$	115,000			
TOTAL CONSTRUCTION PHASE	\$	1,200,000		\$	420,000	\$	780,000	

FY of Allocation Action:	FY2023/24
Project Name:	Oakdale Lighting Improvements Phase 1
Primary Sponsor:	Department of Public Works

SFCTA RECOMMENDATION

Date:	Resolution Date:		Resolution Number:
nded \$1,200,000	Total PROP AA Recommended	\$1,200,000	Total PROP AA Requested:

SGA Project Number:	-			Name:	e: Oakdale Lighting Improvements Phase 1 (Construction)					
Sponsor:	Department of Public Works			Expiration Date:	06/30/2026					
Phase:	Construction			Fundshare:	100.0%					
	(Cash Flow Distribution	Sch	edule by Fiscal Y	ear					
Fund Source		FY2024/25		FY2025/26		Total				
PROP AA EP-702	\$900,000		\$300,000		\$1,200,000					
Deliverables	Deliverables									

1. Quarterly progress reports (QPRs) shall include % complete to date, photos of work being performed, upcoming project milestones (e.g. ground-breaking, ribbon-cutting), and delivery updates including work performed in the prior quarter, work anticipated to be performed in the upcoming quarter, and any issues that may impact delivery, in addition to all other requirements described in the Standard Grant Agreement.

2. With the first QPR (July 2024), Sponsor shall provide 2-3 photos of typical before conditions; with the first quarterly report following initiation of work, Sponsor shall provide a photo documenting compliance with the Prop AA attribution requirements as described in the SGA; and upon completion of the project, Sponsor shall provide 2-3 photos of completed work.

Metric	PROP AA	TNC TAX	PROP L
Actual Leveraging - Current Request	0.0%	No TNC TAX	No PROP L
Actual Leveraging - This Project	0.0%	No TNC TAX	No PROP L

FY of Allocation Action:	FY2023/24
Project Name:	Oakdale Lighting Improvements Phase 1
Primary Sponsor:	Department of Public Works

EXPENDITURE PLAN SUMMARY

1) The requested sales tax and/or vehicle registration fee revenues will be used to supplement and under no circumstance replace existing local revenues used for transportation purposes.

Initials of sponsor staff member verifying the above statement:

JLY

CONTACT INFORMATION

	Project Manager	Grants Manager
Name:	Carol Huang	Victoria Chan
Title:	Project Manager	Principal Administrative Analyst
Phone:	(628) 271-2153	(415) 205-6316
Email:	carol.huang@sfdpw.org	victoria.w.chan@sfdpw.org



City and County of San Francisco London Breed, Mayor Carla Short, Director

OAKDALE LIGHTING IMPROVEMENTS SOURCING EVENT ID: 000008045



Attachment 1

Public Works Infrastructure Design & Construction

> Albert Ko, PE City Engineer & Deputy Director



STREET VIEW - OAKDALE AVENUE AND 3RD STREET

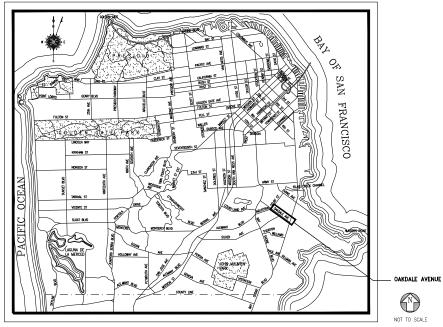
REQUIREMENTS TO BIDDERS

 IN ACCORDANCE WITH THE PROVISIONS OF THE CALIFORNIA PUBLIC CONTRACT CODE SECTION 3300, A BID SUBMITTED TO A PUBLIC AGENCY BY A CONTRACTOR WHO IS NOT LICENSED IN ACCORDANCE WITH CHAPTER 9 OF THE BUSINESS AND PROFESSIONS CODE SHALL BE CONSIDERED NON-RESPONSIVE AND SHALL BE REJECTED BY THE PUBLIC AGENCY.

 AT THE TIME OF AWARD, THE CONTRACTOR SHALL POSSESS A VALID CLASS "A" CALIFORNIA GENERAL ENGINEERING CONTRACTOR'S LICENSE OR C-10 ELECTRICAL CONTRACTORS LICENSE.

SIGNAGE REQUIREMENTS

1. REFER TO SPECIFICATION 01 50 00 FOR SIGNAGE REQUIREMENTS



LOCATION MAP

Bid Set: JANUARY, 2024

	REFERENCE INFORMATION & FILE NO. OF SURVEYS		CITY & COUNTY OF SAN FRANCISCO	Section Mgr: Chi Aao CHI IAO 02/01/2024 Deputy Bureau Mgr: IQBAL DHAPA IQBAL DHAPA IQBAL DHAPA	DRAWN: DATE:		SCALE: NONE	OAKDALE LIGHTING INDDONEMENTEG	SOURCING EVENT ID: 0000008045 DRAWING NO. G-1	:\23571_0akda
NO. DATE DESCRIPTION BY APP.		ELECTION	WORKS	Bureau Mgr: PAIRICK RIVERA 02/02/2024	BC/NK 01/2024 CHECKED: DATE:	NO. 1520478	SHEET OF SHEETS	COVER SHEET	FILE NO. 121,706	Path: V
TABLE OF REVISIONS THIS DRAWING WAS LAST MODIFIED: 01/31/24 12:50, BY: Bikpah			SAN FRANCISCO, CA 94103	Pall N. Jun	GL/JS 01/2024	OF CALL DOUDLOS	1 OF 9		REV. NO. O	rawing

INDEX OF DRAWINGS

DWG NO.	REV	FILE NO.	TITLE
GENERAL	PLAN	s	
G-1	0	121,706	COVER PAGE
G-2	0	121,707	INDEX OF DRAWINGS
STREET L	IGHTIN	G PLANS	
E-0.1	0	121,708	STREET LIGHT SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES
E-0.2	0	121,709	STREET LIGHT LIGHTING FIXTURE SCHEDULE
E-1.0	0	121,710	STREETLIGHTING PLAN OAKDALE AVENUE PHELPS ST TOWARDS NEWHALL ST
E-2.0	0	121,711	STREETLIGHTING PLAN OAKDALE AVENUE NEWHALL ST TO 3RD ST
E-3.0	0	121,712	STREETLIGHTING PLAN OAKDALE AVENUE 3RD ST TO LANE ST (1 OF 2)
E-4.0	0	121,713	STREETLIGHTING PLAN OAKDALE AVENUE 3RD ST TO LANE ST (2 OF 2)
EXISTING F	AVEME	NT MARKING F	PLANS
T-1.0	0	121,714	EXISTING PAVEMENT MARKINGS OAKDALE AVENUE PHELPS ST TO LANE ST

	REFERENCE INFORMATION & FILE NO. OF SURVEYS	SD COUNTS			DESIGNED: DATE:		SCALE:		SOURCING EVENT ID: 0000008045	akdal.
			BUREAU OF ENGINEERING	Section Mgr: Chi Jao CHI IAO 02/01/2024	BR/NK 01/202		NONE	OAKDALE LIGHTING IMPROVEMENTS	DRAWING NO.	57.0
			SAN FRANCISCO SAN FRANCISCO SAN FRANCISCO SAN FRANCISCO SAN FRANCISCO SAN FRANCISCO	Deputy Bureau Mgr. QBAL DHAPA	DRAWN: DATE:	Say 150			G-2	1/23
			PUBLIC SAN FHANCISCO POBLIC WORKS	Bureau Mrr - D2/02/2024	BC/NK 01/202	NO. 120478	SHEET OF SHEETS	INDEX OF DRAWINGS	FILE NO. 121,707	÷
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THIS	DRAWING WAS LAST MODIFIED: 01/31/24 16:38, BY: Bikpah	15.025			GL/JS 01/202	01 CALL 0201/2024			0	rawir

		S	YMBOLS	A B B	REVIATIONS	GENERAL NOTES
	EXISTING	R/C UON		AT&T	AT&T, INC.	 THESE ELECTRICAL PLANS ARE DIAGRAMMATIC AND ARE CORRECT FOR GENERAL DESIGN ONLY. THE EXACT LOCATIONS OF EQUIPME & APPURTENANCES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER AND LANDSCAPE ARCHITECT.
_			CONDUIT HOT DIP GALVANIZED RIGID STEEL CONDUIT UNDERGROUND FOR	BSCW	BARE STRANDED COPPER WIRE	 CAPPORTENANCES SHALL BE DETERMINED IN THE FIELD BT THE ENGINEER AND DANUSCAPE ARCHITECT. THIS IS A GENERAL LEGEND. NOT ALL SYMBOLS ARE USED.
			STREET LIGHTING	BLHP	BUREAU OF LIGHT, HEAT, AND POWER	 THIS IS A GENERAL LEGEND. NOT ALL SIMBULS ARE OSED. RESTORE SIDEWALK TO MATCH EXISTING SIDEWALK THAT ARE AFFECTED BY THIS PROJECT.
-			INTERCEPT EXISTING CONDUIT WITH NEW CONDUIT. MATCH EXISTING CONDUIT SIZE AND TYPE. "X" INDICATES PULLBOX OR COUPLING PER PLAN	BUF	BUREAU OF URBAN FORESTRY	 ALL UTILITY PULL BOXES AND VAULTS WITHIN THE SIDEWALK THAT ARE AFFECTED BY THIS PROJECT. ALL UTILITY PULL BOXES AND VAULTS WITHIN THE SIDEWALK THAT ARE AFFECTED BY THIS PROJECT SHALL BE ADJUSTED TO NEW
			R/C (E) POLE, R/C (E) FOUNDATION	С	CONDUIT	GRADE.
		~	F/I (N) POLE AND FOUNDATION IN PLACE	DWG	DRAWING	 CONTRACTOR SHALL BE RESPONSIBLE FOR WORKING AROUND AND PROTECTING ALL EXISTING TELEPHONE, CATV, TRAFFIC SIGNALS AND INTERCONNECT CONDUITS, AND FACILITIES ADJACENT TO WORK AREA. THESE FACILITIES INCLUDE BUT NOT LIMITED TO THE
	0	Ø	STREET LIGHT POLE WITH FOUNDATION	(E)	EXISTING	FOLLOWING: TREES, LANDSCAPING, HYDRANTS, UTILITY POLES.
	0	٥	MUNI POLE	F/I	FURNISH AND INSTALL UNDER THIS CONTRACT	 VERIFY LIMITS OF SUB-SIDEWALK BASEMENTS BEFORE SAWCUTTING AND EXCAVATION WORK. VERIFICATION OF SUB-SIDEWALK BASEMENT AND ITS LIMITS ARE INCIDENTAL WORK.
			R/C (E) MUNI POLE AND FOUNDATION	HDPE	HIGH DENSITY POLYETHYLENE	7. PROVIDE 1/4" PULL ROPE AND CAP FOR ALL EMPTY PVC OR GRSC FIELD CONDUITS.
	•	Ø	F/I (N) MUNI FOLE AND FOUNDATION IN PLACE	HPS	HIGH DENSITY SODIUM	8. CONTACT THE FOLLOWING FOR CITY AGENCY COORDINATION:
			P. G. & E. SERVICE POLE	GND, G	GROUND	STREET LIGHTS: STREETLIGHTS@SFWATER.ORG STREET TREES: URBANFORESTRY@SFDPW.ORG
	° WP/ST		UTILITY POLE (WOOD OR STEEL)	GRSC	GALVANIZED RIGID STEEL CONDUIT	DAS SITES: DAS@SFWATER.ORG (INCLUDE TO: PANISA POLPATTANA AT PPOLPATTANA@SFWATER.ORG
		~~		I/P	IN PLACE OF	9. REPLACE ALL EXISTING BROKEN PULL BOX AND COVER WITHIN LIMITS OF WORK.
	—¤	;;;	STREETLIGHT WITH 6' LUMINAIRE ARM AND FIXTURE	LA	LUMINAIRE ARM	10. ALL SL CONDUITS SHALL BE GRSC AND IN SIDEWALK, UON.
	X	হৈব	PEDESTRIAN LIGHT POLE AND FIXTURE WITH FOUNDATION	LGT	LIGHT	11. ALL NEW AND EXISTING BOXES IMPACTED BY THIS CONTRACT SHALL BE CLEAN OF DEBRIS.
)Ø	PEDESTRIAN EIGHT POLE AND TIXTORE WITH FOONDATION	LUM	LUMINAIRE	 EXISTING CONDUIT IS TO BE ABANDONED, THE CONDUIT SHALL BE R/C IF IT IS EXPOSED, OTHERWISE R/C CONDUIT 3' BELOW GRADE AND CAP THE ENDS.
	$\square_{\rm SL}$	Ξ	PULL BOX TYPE I SL: STREET LIGHT	mm	MILLIMETER	13. CONDUITS EXTENDING THROUGH THE PULL BOX THAT ARE TO BE ABANDONED, THE CONDUIT SHALL CUT OFF SO THAT IT WILL NO
				(N)	NEW	PROTRUDE BEYOND THE PULL BOX; AND THE CONDUIT ENDS SHALL BE CAPPED.
		[]	PULL BOX TYPE III SL: STREET LIGHT	OCS	OVERHEAD CONTACT SYSTEM	14. NO EXPOSED CONDUITS. U.O.N.
				OH	OVERHEAD	 COORDINATE WITH RESIDENT ENGINEER TO LAYOUT CONTRACT CURB LOCATIONS PRIOR TO POLE, PULL BOX, AND FOUNDATION CONSTRUCTION.
	$\square_{\mathbf{S}}$		PULL BOX TYPE I S: SERVICE BOX	PED	PEDESTRIAN	16. PROTECT EXISTING CURB RAWPS NOT SHOWN ON THE PLANS BY RUNNING CONDUITS AROUND THEM. EXISTING CURB RAWPS
	$\square_{\mathbf{p}}$		PG&E PULL BOX	PL	PEDESTRIAN LIGHT	DAMAGED DURING CONSTRUCTION SHALL BE RESTORE BY THE CONTRACTOR AT THEIR EXPENSE.
			PULL BOX TYPE I	PG&E, PGE	PACIFIC GAS AND ELECTRIC COMPANY	17. PROVIDE TEMPORARY POLE BASE MOUNTED LIGHTING FOR PEDESTRIAN AND VEHICULAR SAFETY IF THERE IS CONFLICT WITH EXISTI AND/OR NEW LIGHTING IN THE LIMIT OF WORK. TEMPORARY LIGHTING SOURCE SHALL BE TAP FROM THE NEAREST EXISTING SOURCE
		_	T: TRAFFIC RATED	PVC	POLYVINYL CHLORIDE	18. ALL EXISTING STREETLIGHT TO BE MAINTAINED THROUGHOUT THE PROJECT DURATION. EXISTING STREETLIGHTS TO BE REMOVED AF
	⊞	æ	BASEMENT PULL BOX	R/C	REMOVE FROM SITE OF WORK AS CONTRACTOR'S PROPERTY	THE NEW STREETLIGHT ARE TESTED AND APPROVED.
			GROUND ROD-5/8" ØX10'-0" (15.88 mm X 3048 mm)	R/R	REMOVE AND RELOCATE, OR REMOVE	19. ANY FIXTURE OR POLE THAT ARE R/C OR R/S, THE WIRING SHALL BE R/C BACK TO THE STREETLIGHT BOX, UON. AND MAINTAIN EXISTING CONTINUITY OF CIRCUIT TO ADJACENT FIXTURE.
	(P)		UTILITY MANHOLE, AS SPECIFIED	N/ N	AND REINSTALL AS APPLICABLE	20. EXISTING ELECTRICAL WIRING WHICH WILL NOT BE MADE OBSOLETE AND WILL BE DISTURBED DUE TO CONSTRUCTION CHANGES
			T = AT&T P = PG&E UTILITY VAULT; OWNER AS SPECIFIED	R/S	REMOVE AND SALVAGE AS CITY'S PROPERTY	REQUIRED BY THIS CONTRACT SHALL BE RESTORED TO OPERATING CONDITION AS REQUIRED AND/OR DIRECTED. WHERE REQUIRED SHOWN AND/OR DIRECTED, CONDUIT RUNS SHALL BE RELOCATED. IN SOME CASES, IT MAY BE NECESSARY TO EXTEND CONDUITS
	ABC			SFPUC	SAN FRANCISCO PUBLIC UTILITIES COMMISSION	AND PULL IN NEW WIRING OR INSTALL JUNCTION BOXES AND SPLICE IN NEW WIRING OR REPLACE OLD WIRING WITH NEW.
	8 HP or LP		FIRE HYDRANT HP = HIGH PRESSURE; LP = LOW PRESSURE	SFPW	SAN FRANCISCO PUBLIC WORKS	21. COORDINATE WITH OTHER DISCIPLINES DRAWINGS TO RESOLVE ALL CONFLICTS PRIOR TO INSTALLING ANY ELECTRICAL WORK.
				SL	STREET LIGHT	23. PRIOR TO START OF ELECTRICAL WORK, CONTRACTOR TO FIELD INVESTIGATE THE EXISTING ELECTRICAL CIRCUIT. RECONNECT ALL EXISTING TRAFFIC SIGNAL AND STREETLIGHT SERVICES WHICH MAY HAVE BEEN INTERRUPTED DUE TO RENOVATION. RESTORE ALL
			CURB RAMP (SEE CR-DWGS)	SP	SPARE	ELECTRICAL SERVICES AND WIRING TO EXISTING CONDITIONS. INCLUDING THE ADJACENT FIXTURE OUTSIDE LIMIT OF WORK AS INCIDENTAL COST.
	° _{SM}		SURVEY MONUMENT	SPDPWSF	STANDARD PLANS APRIL 2007, DEPARTMENT OF PUBLIC WORKS, CITY AND COUNTY OF SAN FRANCISCO	24. ALL STREETLIGHTS SHALL HAVE 10A FUSE AND STREETLIGHT SERVICE SHALL HAVE 40A FUSE.
	\bigcirc		TREE	SSDPWSF	WORKS, CITY AND COUNTY OF SAN FRANCISCO STANDARD SPECIFICATIONS, DEPARTMENT OF PUBLIC WORKS, CITY AND COUNTY OF SAN FRANCISCO	25. R/C ALL FOUNDATION 36" BELOW GRADE, POLE, FIXTURE, AND LUMINAIRE ARM UNLESS OTHERWISE NOTED. 26. REFER TO STRUCTURAL DRAWINGS FOR STREETLIGHT POLE FOUNDATIONS.
7				STD	STANDARD DRAWING	27. STREETLIGHT POLES INSTALLED ON TRUNCATED DOME SHALL HAVE 1" CONCRETE FLAG AROUND THE BASE COVER OR BASE PLATE
$\langle \rangle$	SUB-SIDEWALK	BASEMENT		TS	TRAFFIC SIGNAL	28. STREETLIGHT PULL BOXES SHALL HAVE CONCRETE BOLT DOWN LID WITH TAMPER PROOF BOLTS AND BE WITHIN 5 FEET OF
	DETAIL NOTE			TYP	TYPICAL	STREETLIGHT POLE U.O.N.
	INSTALL NEW F	ULL BOX IN F	PLACE OF EXISTING PULL BOX, (R/C EXISTING PULL BOX), OR EXISTING R/C EXISTING FOUNDATION), OR EXISTING POLE FOUNDATION (R/C EXISTING	U	UTILITY	29. TOUCH UP ANY NEW POLES AND/OR EQUIPMENT MOUNTING THAT IS EXPOSED/RUSTED WITH RUST-OLEUM PAINT OR APPROVED EQUAL TO PREVENT CORROSION.
	FOUNDATION) N	IODIFY EXISTIN	G CONDUITS AND WIRING AS NEEDED. NOT ALL SYMBOLS	UON	UNLESS OTHERWISE NOTED	30. STREETLIGHTS INSTALLED IN SPECIAL PAVER AREA SHALL HAVE 3X3' CONCRETE FLAG AROUND POLE BASE AND STREETLIGHT PULL
	"##" INDICATE			WP	WEATHERPROOF	BOX. ANY EXCEPTION WILL NEED TO BE COORDINATED WITH SFPUC.
			& FILE NO. OF SURVEYS		Date: DESIGN	00000
			- INTA	BUREAU OF ENGINE	1 14 1 40 02/01/2024	IK 01/2024 OAKDALE LIGHTING IMPROVEMENTS
				SAN FRANCISCO PUBLIC	Deputy Bureau Marc IOBAL DHARA	·····································
	DESCRIPTION	BY		49 SOUTH VAN NESS AVENUE, SU		, SIREEI LIGHI 1017

	LIGHTING FIXTURE	SCHEDULE			
TAG	DESCRIPTION	MANUFACTURER	LAMPS	VOLT	SYMBOL
A 72	LUMINAIRE: LED FIXTURE, DIE CAST A360 0.1" THICK ALUMINUM ALLOY HOUSING, TENON MOUNTED BRACKETS, RohS COMPLIANT LED LIGHT ENGINE, 32LED 72W LAMP WITH BACKLIGHT CONTROL, 3000TK, TYPE III, 90% POWER FACTOR DIMMABLE DRIVER, UNIVERSAL VOLTAGE, PHOTOCELL, BIRD GUARD, AND PROVISION FOR FUTURE WIRELESS CONTROL. COLOR TO MATCH POLE. POLE AND ARM: 28.5' STEEL STREET LIGHT POLE W/ 6' LUMINAIRE ARM	FIXTURE: LUMEC ROADFOCUS CAT#: RFS-72W32LED3K-G2-R3M-UNIV-DMG-[API-226]-API2011-RCD7-GY3 OR APPROVED EQUAL POLE: KW RTSU30-B.0-11-G-1652 OR APPROVED EQUAL	72W 32LED 3000'K	MULTI TAP VOLT 120- 277V	¥
A1 108	LUMINARE: LED FIXTURE, DIE CAST A360 0.1" THICK ALUMINUM ALLOY HOUSING, TENON MOUNTED BRACKETS, RohS COMPLIANT LED LICHT ENGINE, 48LED 108W LAMP WITH BACKLIGHT CONTROL, 3000'X, TYPE III, 90% POWER FACTOR DIMMABLE DRIVER, UNIVERSAL VOLTAGE, PHOTOCELL, BIRD GUARD, AND PROVISION FOR TUTURE WIRLESS CONTROL. COLOR TO MATCH POLE. POLE AND ARM: 28.5' STEEL STREET LIGHT POLE W/ 6' LUMINAIRE ARM	FIXTURE: LUMEC ROADFOCUS COAT#: RFM-108W48LED3K-G2-R3M-UNIV-DMG-[API-226]-API2011-RCD7-GY3 OR APPROVED EQUAL FOLE: KW FTSU30-8.50-11-G-16S2 OR APPROVED EQUAL	108W 48LED 3000°K	MULTI TAP VOLT 120- 277V	¥

	SOURCING EVENT ID:
	0000008045
	TS DRAWING NO. E-0.2
	FILE NO. 121,709
INC. DATE DESCRIPTION BY APP.	121,709 REV_NO
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