



CITYWIDE LED CONVERSION PROGRAM PHASE II PROJECT

DP-2024-01130

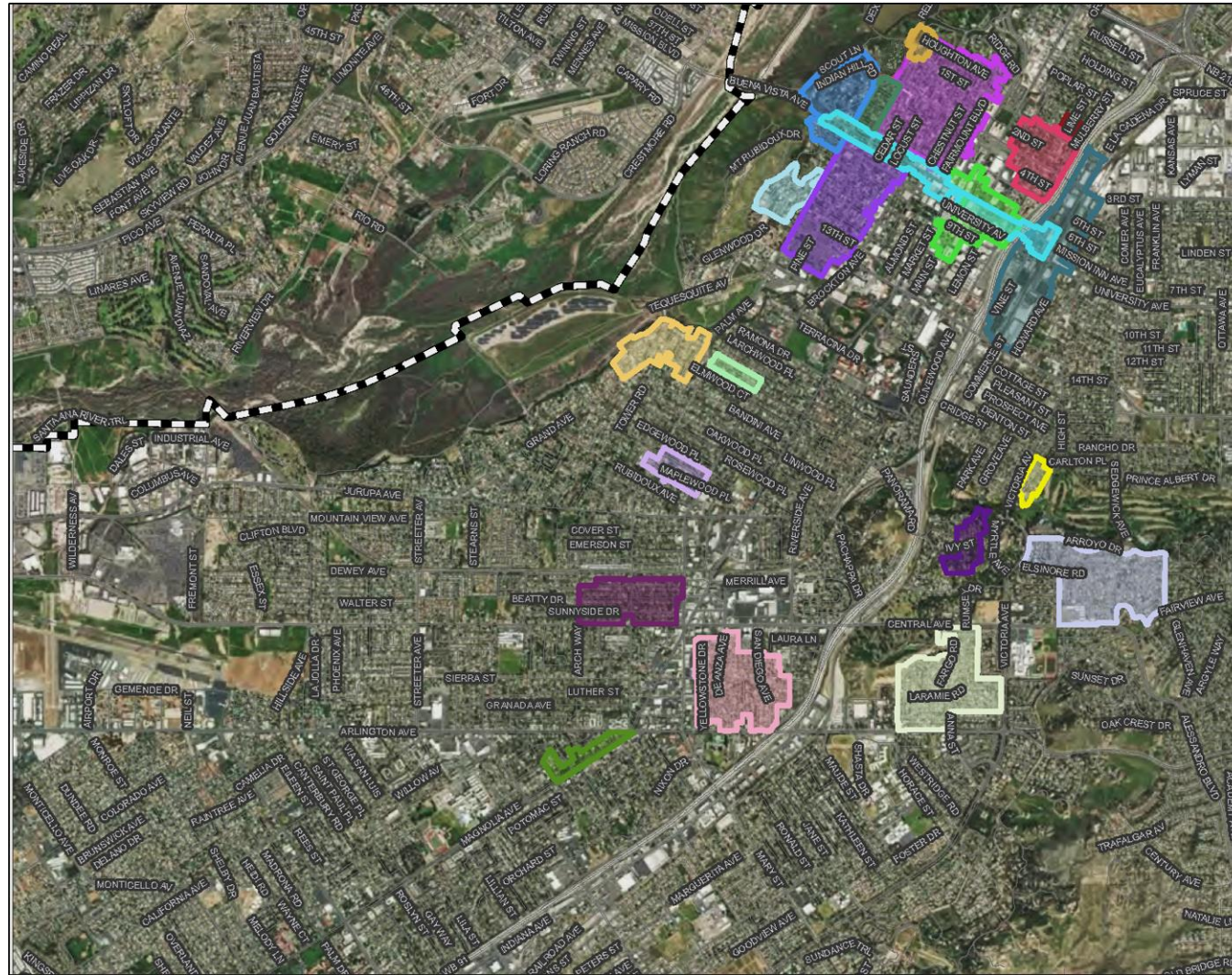
Community & Economic Development Department

Cultural Heritage Board

Agenda Item: 4

October 16, 2024

AERIAL PHOTO/LOCATION



	RIVERSIDE CITY LIMITS		NEIGHBORHOOD CONSERVATION AREAS
HISTORIC DISTRICTS			OLD MAGNOLIA AV
	COLONY HEIGHTS		ROCKLEDGE
	EVERGREEN QUARTER		ST. ANDREWS TERRACES
	HERITAGE SQUARE	CULTURAL RESOURCES SURVEY IDENTIFIED AREA	
	MISSION INN		ADLER TRACT
	MOUNT RUBIDOUX		BUTTERFIELD ESTATES
	NORTH HILL		GRAND AVE BLUFF
	PALM HEIGHTS SUBDIVISION		MT. RUBIDOUX PARK
	SEVENTH STREET		SUNGOLD TERRACE
	SOMERSET		COWBOY STREETS
POTENTIAL HISTORIC DISTRICTS			SUNGOLD TERRACE MOUNTAIN STS
	CITRUS THEMATIC INDUSTRIAL		VICTORIA GROVES
	MILE SQUARE NORTHWEST		



LOCATION TABLE

Citywide LED Conversion Program Phase II		
Historic Districts (HD)	Neighborhood Conservation Areas (NCA)	Cultural Resources (CR) Survey Identified Areas*
Designated		
Colony Heights	Old Magnolia Avenue	Adler Tract
Evergreen Quarter	Rockledge	Butterfield Estates
Heritage Square	St. Andrews Terraces	Grand Avenue Bluff
Mission Inn		Mount Rubidoux Park
Mount Rubidoux		Sun Gold Terrace Cowboy Streets
North Hill		Sun Gold Terrace Mountain Streets
Palm Heights		Victoria Groves
Seventh Street		
Somerset		
Potential		
Citrus Thematic Industrial		
Mile Square Northwest		
Excluded**		
Prospect Place HD	Wood Streets NCA	Brockton Arcade
Redwood Drive Potential HD		Elizabeth Street Commercial
Rosewood Place West HD		Whitegate Subdivision No. 1
Seventh Street East HD		
Wood Streets HD		

*Although not formally determined eligible and subject to Title 20, large-scale CR surveys areas are included per CEQA.

**LED conversion completed during Phase I or other projects.



REPRESENTATIVE PHOTOS



**Acorn - Proposed:
Conversion/Replacement**

**Town & Country
Proposed: Replacement**

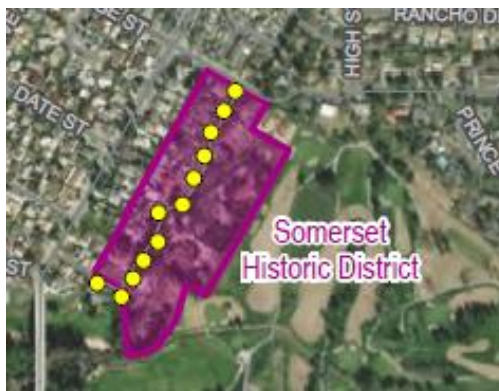
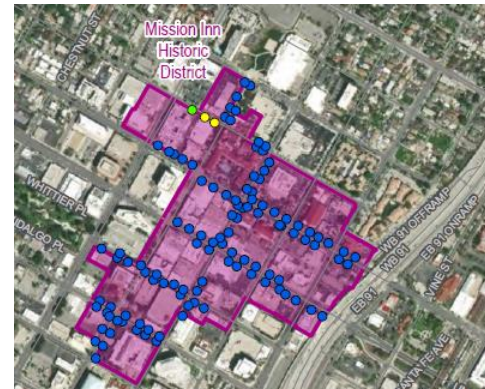
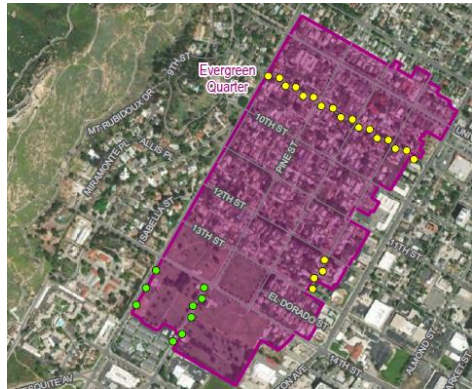
**Raincross - Proposed:
Internal Conversion**






PROPOSED CONVERSIONS/REPLACEMENTS

Citywide LED Conversion Program Phase II			
Area	Acorn Conversion/Replacement	Raincross Conversion	Town & Country Replacement
Designated Historic Districts			
Colony Heights	0	0	8
Evergreen Quarter	9	0	21
Heritage Square	34	0	0
Mission Inn	1	109	2
Mount Rubidoux	4	10	45
North Hill	0	0	16
Palm Heights	0	0	77
Seventh Street	12	55	6
Somerset	0	0	12
Potential Historic Districts			
Citrus Thematic Industrial	66	0	0
Mile Square Northwest	2	0	27
Designated Neighborhood Conservation Areas			
Old Magnolia Avenue	0	0	3
Rockledge	0	0	16
St. Andrews Terraces	0	0	1
Cultural Resources (CR) Survey Identified Areas			
Adler Tract	0	0	25
Butterfield Estates	0	0	12
Grand Avenue Bluff	0	0	30
Mount Rubidoux Park	0	0	34
Sun Gold Terrace Cowboy Streets	0	0	204
Sun Gold Terrace Mountain Streets	0	0	186
Victoria Groves	0	0	50
TOTALS	128	174	775



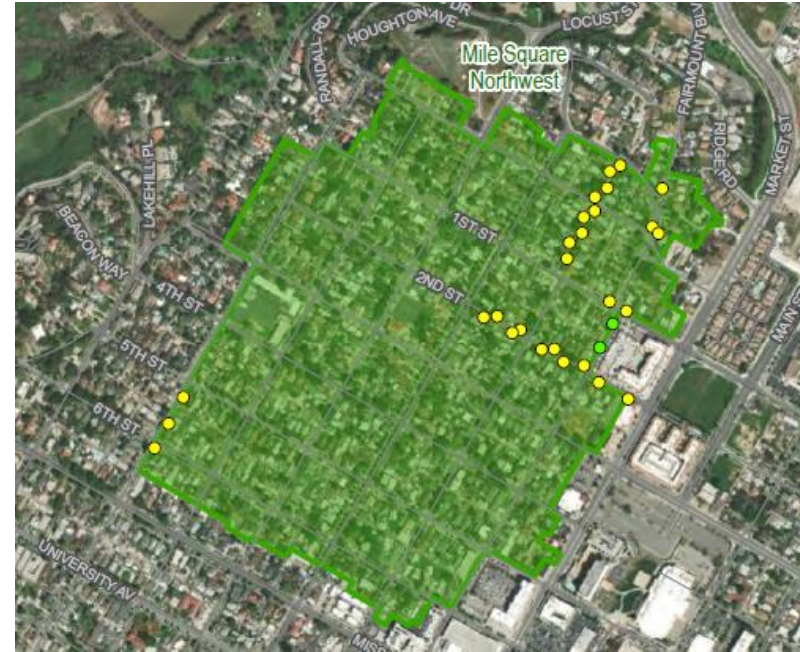
HISTORIC DISTRICTS








-  RIVERSIDE CITY LIMITS
-  HISTORIC DISTRICT
-  ACORN
-  RAINCROSS
-  TOWN & COUNTRY
- 2200K** PROPOSED LAMPS






POTENTIAL HISTORIC DISTRICTS



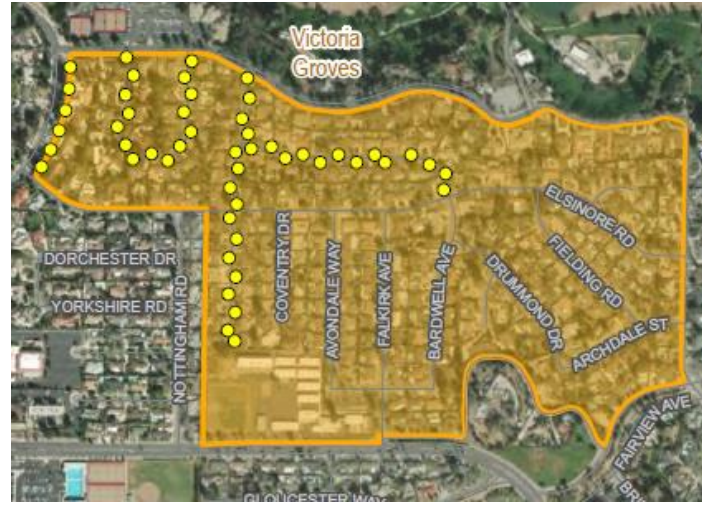
-  RIVERSIDE CITY LIMITS
-  POTENTIAL HISTORIC DISTRICT
-  ACORN
-  TOWN & COUNTRY
- 2200K**  PROPOSED LAMPS




NEIGHBORHOOD CONSERVATION AREAS



-  RIVERSIDE CITY LIMITS
-  NEIGHBORHOOD CONSERVATION AREA
-  TOWN & COUNTRY
2200K PROPOSED LAMPS

CR SURVEY AREAS



-  RIVERSIDE CITY LIMITS
-  CULTURAL RESOURCES SURVEY IDENTIFIED AREA
-  TOWN & COUNTRY
- 2700K** PROPOSED LAMPS



TOWN & COUNTRY PILOT PROGRAM



CITY OF RIVERSIDE PUBLIC UTILITIES ELECTRIC ENGINEERING DEPARTMENT (PILOT PROJECT - TOWN & COUNTRY LUMINAIRE)

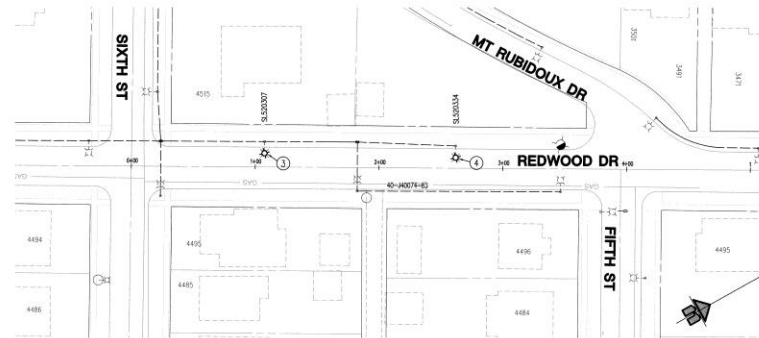
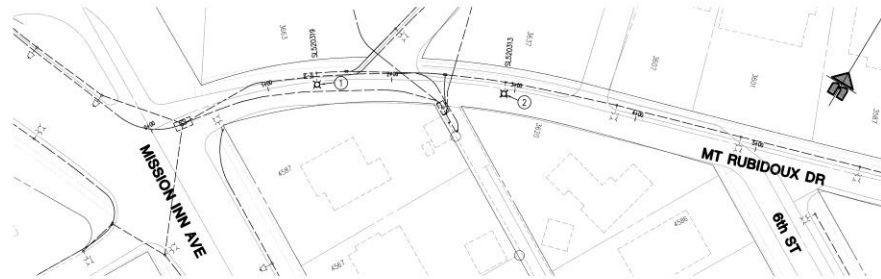


STREET LIGHT NOTES

1. ANY CHANGES SHALL BE APPROVED BY ENGINEERING PRIOR TO EXECUTION.
2. REPLACE ALL STREET LIGHT FACILITIES SHOWN IN CONFORMANCE WITH THE FOLLOWING STANDARD DRAWINGS: U05-802 & STREET LIGHT SPECIFICATION #1-6.
3. TOWN & COUNTRY PILOT LUMINAIRES SHALL BE PROVIDED BY RPUL.
4. THIS PLAN IS ACCURATE FOR STREET LIGHT FACILITIES ONLY.
5. FOR ENGINEERING INFORMATION CONTACT ROCEL PAUL AT 951-828-5248.

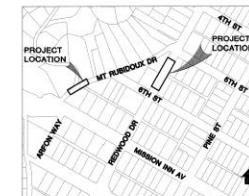
STREET LIGHT LEGEND

- EXISTING STREET LIGHT TOWN & COUNTRY ELECTROLIER
- PROPOSED TOWN & COUNTRY LED LUMINAIRE



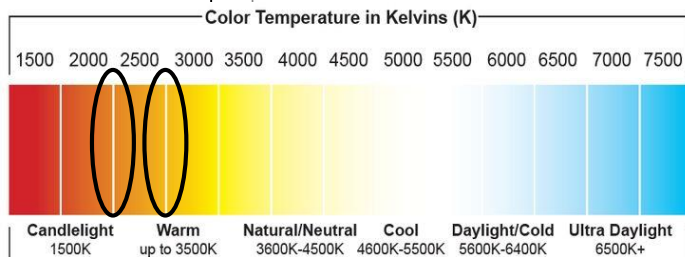
LED T&C TEST SAMPLES

1. REPLACE EXISTING T&C HPS LUMINAIRE WITH LEDTRX, PTC-5-F-1-5-30A-WV-27K-3-BK-040-P07-08-50-C 4776 LUMENS (TEST QTY: 1 ALL PER U05-802).
2. REPLACE EXISTING T&C HPS LUMINAIRE WITH LEDTRX, PTC-5-F-1-5-60A-WV-27K-3-BK-070-P07-08-50-C 5762 LUMENS (TEST QTY: 1 ALL PER U05-802).
3. REPLACE EXISTING T&C HPS LUMINAIRE WITH LEDTRX, PTC-5-F-1-5-30A-WV-22K-3-BK-040-P07-08-50-C 3837 LUMENS (TEST QTY: 1 ALL PER U05-802).
4. REPLACE EXISTING T&C HPS LUMINAIRE WITH LEDTRX, PTC-5-F-1-5-60A-WV-22K-3-BK-070-P07-08-50-C 6221 LUMENS (TEST QTY: 1 ALL PER U05-802).



VICINITY MAP

EST. DEM. REF. DWG(S)	CIRCUIT # 1311
DESIGN FOR:	TEST PILOTS FOR TOWN & COUNTRY LUMINAIRES
Redwood Dr: btwn 5th & 6th; Mt. Rubidoux Dr: btwn 6th & Mission Inn Ave.	
SCALE: 1" = 40'	DRAWN: RP
DATE: 8-9-23	CHECKED: [Signature]
SP. NO. N/A	APPROVED: [Signature]
MAP BY: 24-3	BOARD DATE: N/A
FORM NO. N/A	DATE: 05/30/00-4/26/08
CITY OF RIVERSIDE DEPARTMENT OF PUBLIC UTILITIES	
WORK # 1,2,3	0
PROJECT # 240019-01	2403362
DATE: 8/9/23	5
SHEET 1 OF 1	



EXISTING/PROPOSED TOWN & COUNTRY



**Existing/Proposed
Pilot Program: Redwood Drive**



**Existing/Proposed
RPU Offices**

Note: Original/Existing panels were once clear and have discolored over time.

EXISTING/PROPOSED COLOR TEMPERATURE



Existing HPS Lamp (1900-2000K)
Mt. Rubidoux Drive
Ladera Lane - Sixth Street



LED Lamp (2200K)
Pilot Program Sample 4
For Late-19th & early-20th C. HDs & NCAs



LED Lamp (2700K)
Pilot Program Sample 2
For Mid-Century CRSAs



3000K
(For Reference)

STRATEGIC PLAN ALIGNMENT

Strategic Priority No. 2 – Community Well-Being

Goal 2.3 – Strengthen neighborhood identities and improve community health and the physical environment through amenities and programs that foster an increased sense of community and enhanced feelings of pride and belonging citywide.

Strategic Priority No. 5 – High Performing Government

Goal 5.3 – Enhance communication and collaboration with community members to improve transparency, build public trust, and encourage shared decision-making.

Strategic Priority No. 6 – Infrastructure, Mobility, & Connectivity

Goal 6.2 – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability &
Resiliency



Equity



Innovation

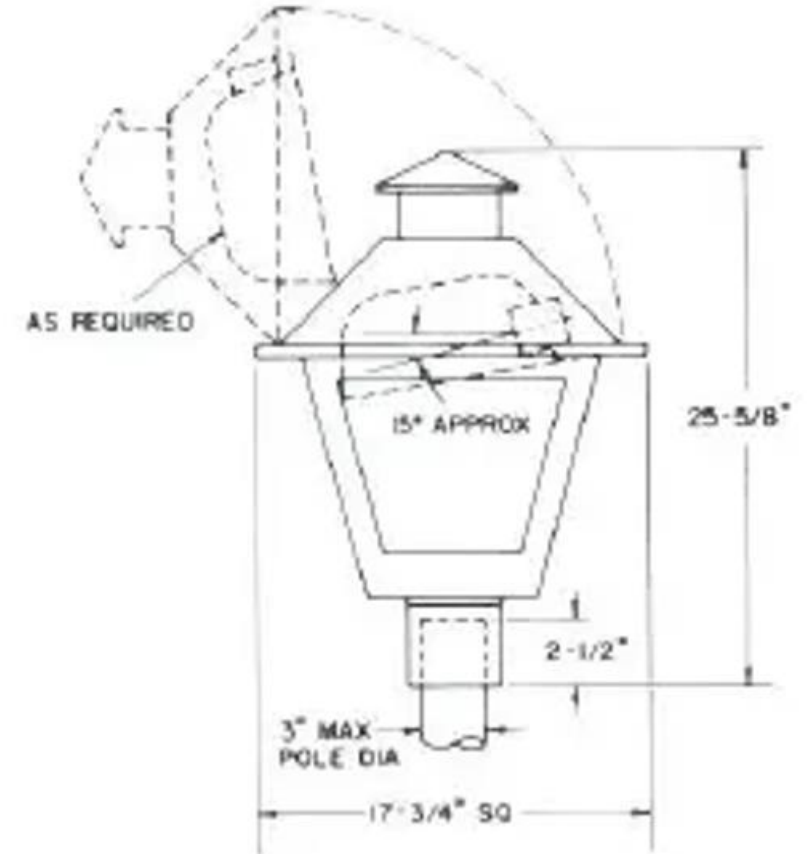
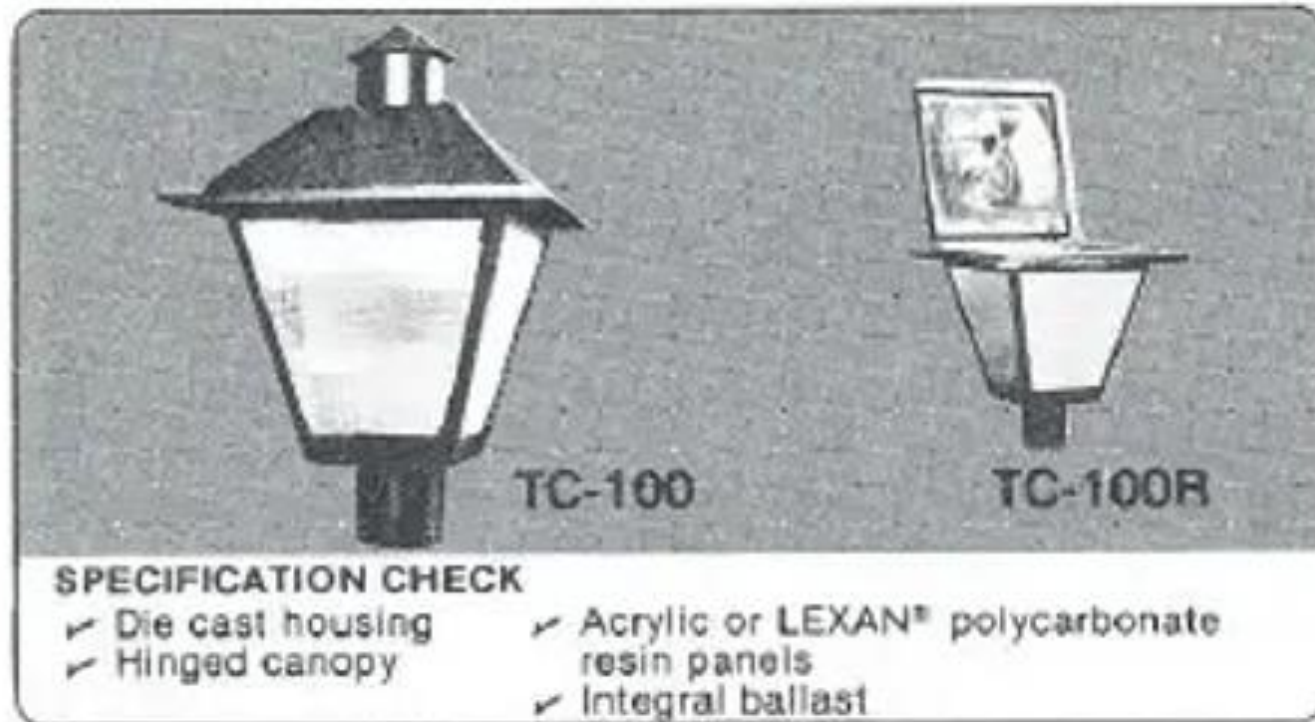
RECOMMENDATION

Staff recommends that the Cultural Heritage Board:

- 1. DETERMINE** that the project is exempt from the California Environmental Quality Act (CEQA) review pursuant to Sections 15301 (Existing Facilities), 15302 (Replacement or Reconstruction), and 15331 (Historical Resource Restoration/Rehabilitation) as it constitutes rehabilitation and partial replacement of existing facilities to meet current standards that is consistent with the Secretary of the Interior's Standards for the Treatment of Historic Properties; and
- 2. APPROVE** Planning Case DP-2024-01130 (Certificate of Appropriateness), based on the facts for findings outlined and summarized in the staff report, and subject to the recommended conditions of approval.

TOWN & COUNTRY (TC-100)

(FOR REFERENCE)



Ca. 1968 GE Catalogue

TOWN & COUNTRY (TC-100)


(FOR REFERENCE)

TC-100 (WITH OPTIONS FOR 100R AND MANSARD) LUMINAIRE
(Listed in GEA-10033A)

ORDERING INFORMATION

Cat. No. (Less Lamp)	Price GO-54A	Volts	Watt Lamp (those down)	Ballast Type	Light Dist.	Net Wt. Lbs.
Acrylic Panels and 120-volt P.E. Receptacle						
C7210198	\$181.00	120	100-Watt Mercury	Auto-Reg. Lag	L-S-V	25
C7210199	180.00	120	Mercury	Reactor (NPF)	Lag	25
C7210191	181.00	240	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210180	181.00	120	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210181	180.00	120	Mercury	Reactor (NPF)	Lag	25
C7210107*	182.00	120	175-Watt Mercury	Auto-Reg. Lag	L-S-V	31
C7210108*	187.00	120	Mercury	Reactor (NPF)	Lag	31
C7210153	182.00	240	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210154	182.00	240	Mercury	Reactor (NPF)	Lag	25
C7210174	182.00	120	175-Watt Mercury	Auto-Reg. Lag	V	31
C7210175	187.00	120	Mercury	Reactor (NPF)	Lag	31
C7210176	185.00	240	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210177	185.00	240	Mercury	Reactor (NPF)	Lag	25
C7210190	217.00	120	70-Watt Lucalox	Reactor (NPF)	V	31
C7210323	220.00	120	100-Watt Lucalox	Reactor (NPF)	V	31
C7210326	240.00	120	Lucalox	Regulator	V	34
C7210378	223.00	120	150-Watt Lucalox	Reactor (NPF)	V	31
C7210390	243.00	120	Lucalox	Regulator	V	34
Acrylic Panels and 240-Volt P.E. Receptacle						
C7210194	\$41.00	240	100-Watt Mercury	Reactor (NPF)	L-S-V	25
C7210171	41.00	240	Mercury	Reactor (NPF)	V	25
C7210184*	63.00	240	175-Watt Mercury	Reactor (NPF)	L-S-V	28
C7210179*	63.00	240	Mercury	Reactor (NPF)	V	28
C7210338	240.00	240	100-Watt Lucalox	Regulator	V	34
C7210303	243.00	240	150-Watt Lucalox	Regulator	V	34
Acrylic Panels — without P.E. Receptacle						
C7210164	173.00	120	100-Watt Mercury	Auto-Reg. Lag	L-S-V	25
C7210165	187.00	120	Mercury	Reactor (NPF)	Lag	25
C7210169	173.00	240	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210168	187.00	240	Mercury	Reactor (NPF)	Lag	25
C7210172	193.00	240	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210166	175.00	120	175-Watt Mercury	Auto-Reg. Lag	L-S-V	31
C7210163	189.00	120	Mercury	Reactor (NPF)	Lag	31
C7210167	192.00	240	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210173	175.00	120	175-Watt Mercury	Auto-Reg. Lag	V	31
C7210177	155.00	120	Mercury	Reactor (NPF)	Lag	31
C7210162	175.00	240	100-Watt Mercury	Auto-Reg. Lag	V	25
C7210581	290.00	120	70-Watt Lucalox	Reactor (NPF)	V	31
C7210217	212.00	120	100-Watt Lucalox	Reactor (NPF)	V	31
C7210230	232.00	120	Lucalox	Regulator	V	34
C7210231	232.00	240	Lucalox	Regulator	V	34
C7210276	211.00	120	150-Watt Lucalox	Reactor (NPF)	V	31
C7210280	235.00	120	Lucalox	Regulator	V	34
C7210290	235.00	240	Lucalox	Regulator	V	34

NOTE:
See p. 19 for Lexan Panels cat. nos.



SPECIFICATION CHECK

- Die cast housing
- Angled canopy
- Acrylic or Lexan prismatic lens
- Integral ballast

OPTIONS

OP1 — TC-100R (Acrylic panels only) — Roadway type photometrics; order similar to above cat. numbers except with roadway type distribution.
Available for 70, 100 and 150-watt Lucalox (70W, 100W NPF Reactor only). Specify either M-S-II or M-S-II type distribution. Use BU or Universal lamp.
Available for 100, 175-watt Mercury in all voltages (S-N-II type distribution with phosphor-coated lamp).

OP2 — TC-100 Mansard — Order similar to above cat. numbers except with mansard canopy.

OP3 — TC-100R Mansard (Acrylic panels only) — Roadway type photometrics; order similar to above cat. numbers except with mansard canopy and roadway type distribution.
Available for 70, 100 and 150-watt Lucalox (70W, 100W NPF Reactor only). Specify either M-S-II or M-S-II type distribution. Use BU or Universal lamp.
Available for 100, 175-watt Mercury in all voltages (S-N-II type distribution with phosphor-coated lamp).

Following options for all TC-100 configurations

OP4 — Standard color is black. Eight decorative colors available (see GEA-9352A). 5 (\$4.00)

OP5 — 100, 175-watt Mercury Auto-Regulator in other voltages not shown. any (No adder)

OP6 — 100, 150-watt Lucalox Regulator in other voltages not shown. any (No adder)

ACCESSORY (TC-100, 100R only)

Final kit (gold anodized aluminum, set of 4) requires lead drilling of casting for mounting.
Cat. No. 35-951560-85 \$6.00

Page 16

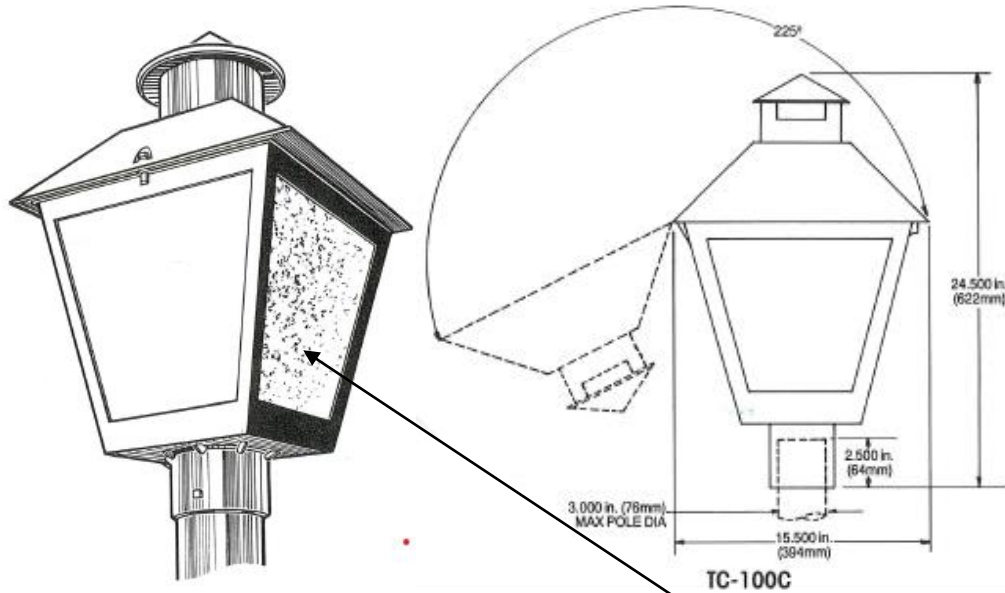
1977-78 GE Catalogue

RiversideCA.gov

16

CURRENT/PROPOSED TOWN & COUNTRY

(FOR REFERENCE)

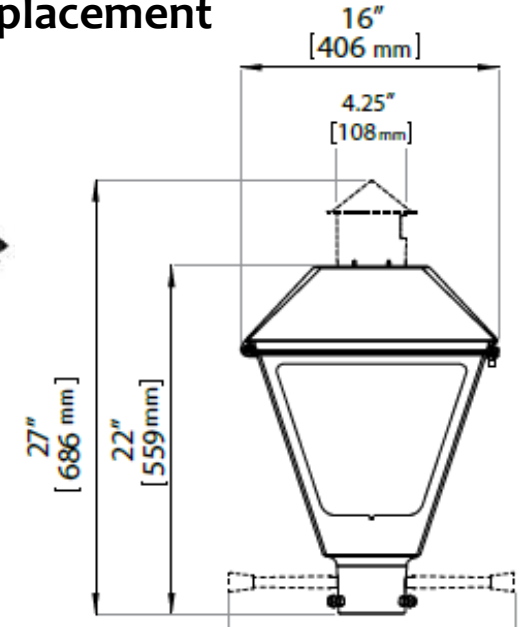


Town & Country Existing

Black Metal Housing
Clear Polycarbonate Textured Panels
Similar Dimensions



Town & Country Replacement



ORIGINAL ACORN AND METAL CORSICAN

(FOR REFERENCE)

