



Item No. 21 Town of Atherton

CITY COUNCIL STAFF REPORT – REGULAR AGENDA

**TO: HONORABLE MAYOR AND CITY COUNCIL
GEORGE RODERICKS, CITY MANAGER**

**FROM: MICHAEL KASHIWAGI
COMMUNITY SERVICES DIRECTOR**

DATE: FEBRUARY 15, 2017

**SUBJECT: SELECTION OF STREET LIGHT FOR THE SERIES
STREETLIGHT PROJECT**

RECOMMENDATION

Provide direction to staff on streetlight choices for the series streetlight replacement project.

BACKGROUND

The FY 2014/15 Capital Improvement Program (CIP) includes a project to replace obsolete series circuit street light infrastructure. As the Council is aware, the Town's street light facilities include several areas that are energized using series circuitry, which is difficult and costly to repair. When these circuits are damaged, repairs require extensive investigation and coordination around the high-voltage circuitry required to power the lights. The Town owns and operates approximately 40 street lights that are powered by these high-voltage series circuits.

In April 2015, W-Trans, a consultant engineering company hired by the Town, began work on the design for replacement of the series streetlight systems in the Town. W-Trans performed preliminary engineering on the project including tasks such as performing an inspection of the Town's street lights, determining which lights are fed by series circuits, and designing new circuitry. The inspection found that there are four separate series circuits in Atherton that power a total of 35 convertible lights. W-Trans proposed that the existing street light poles continue to be used at the same locations but that the underground conduits, wires and the light fixtures be replaced with new parts. The existing poles would be cleaned and re-painted.

W-Trans has now completed 90% design plans, and is awaiting the final selection of energy efficient light-emitting diode (LED) streetlights to complete 100% plans. Upon direction this evening, staff expects to return to Council in March to accept the final plans and authorization to go out to bid.

FINDINGS/ANALYSIS

The Town has two (2) different light models that are required. The two (2) different light models are pendant lights (teardrops) and post-top lights (station lights). Staff obtained samples of each of these two lights from vendors interested in providing these lights to the Town. These lights were installed in two separate locations in Town as follows:

- Pendant lights were installed along James Avenue in Lindenwood between Heather Drive and Magnolia Drive.
- Post-top lights were installed at Town Center.

In October 2016, a survey asked residents to come out to review the new lights and rate them for two different criteria - overall look of the light fixture; and quality of the light. The survey ended on October 31, 2016. Results are attached. In addition to the survey, staff held two (2) “Street Light Survey Nights” where residents met with staff to review the street light fixtures and provide input in person. Those meetings were held October 19 and 25 at 6:30 p.m.

The following are the top two (2) LED replacement light choices in each category scoring highest in both criteria and their estimated cost:

Pendant Lighting	Cost Plus Tax
King Luminaire Mode K804 P4RAD-III	\$1,306
Phillips RN20	\$1,540
Post-top Lighting	
Steinberg Vintage Model C31491 A850	\$1,375
King Luminaire KCK118 BR	\$888

None of the costs include installation. Installation cost will be part of the bid process. In the post-top lighting survey, the placebo light (existing HPS fixture) ranked #2 in the polling.

Pendant lighting

The best viewing of the top choice pendant lighting is:

- King Luminaire Model K804 P4RAD-III @ Corner of James/Hawthorne

- Phillips RN20 @ Corner of James/Heather

The #1 choice was the **King Luminaire Model K804**. This model also happens to have the lowest overall price which makes it a great choice for the Town. The light is built with solid components and a solid frame. The light has the capability of shielding to prevent light spillover to unwanted areas of exposure as well as a dimming capability for instances where residents might request a softer tone. It is also easily accessible for routine maintenance issues.



Post-top lighting

The best viewing of the top choice post-top lighting is:

- Steinberg Vintage Model C31491 A850 @ Front of Town Hall next to Flag Pole
- King Luminaire KCK118 BR @ Entrance to PD Rear Gate



The post-top light overwhelmingly chosen as #1 was the **Steinberg Vintage Model C31491 A850**. This light is a solidly built classic style fixture which looks like it could have been installed 50 years ago. It is made of heavy duty materials and comes with shielding and dimming capabilities. The drawback to this light is it is quite a bit more expensive than the #2 choice (King Luminaire KCK118). The price difference appears to really relate directly to the amount of “fixture” you are getting for the dollar (top cap, integrated photocell, artistic quality).

Even though the first of these lights will roll out as part of the Series Streetlight upgrade project, it would be advisable to keep in mind that these fixtures could become the new “standard” in Town where other lights are looked at for replacement or upgrade to energy efficient LED moving forward. In 2016, PG&E replaced all of the over 300 distribution lights in Town with LED lighting. The Town has not received a single complaint from residents to date regarding the light quality from this new lighting technology.

POLICY FOCUS

The Town’s street light facilities include several areas that are energized using series circuitry, which is difficult and costly to repair. When these circuits are damaged, repairs require extensive investigation and coordination around the high voltage circuitry required to power the lights. Replacement or refurbishment of these existing light facilities was identified as a critical public infrastructure need.

FISCAL IMPACT

The FY 2016/17 Budget includes \$753,000 that was re-budgeted for the project. This includes \$663,000 in Special Parcel Tax and \$120,000 in Measure A funds. The budgeted funds include the estimated cost for design, purchase and installation. The following quantities are from the Series

Circuit Replacement Program plans for estimating the cost for the new lights. These costs are for the fixtures only:

Type/Option	Quantity	Cost	Total
Pendent – King Lum	24	\$1,306	\$31,344
Pendant – Phillips	24	\$1,540	\$36,960
Post – Steinberg	12	\$1,375	\$16,500
Post – King Lum.	12	\$888	\$10,656

The total fixture cost for the #1 options in each category is \$47,844. If the lower cost model for the post-top were selected instead of the #1 option, the fixture cost would total \$42,000.

PUBLIC NOTICE

Public notification was achieved by posting the agenda, with this agenda item being listed, at least 72 hours prior to the meeting in print and electronically. Information about the project is also disseminated via the Town’s electronic News Flash and Atherton Online. There are approximately 1,200 subscribers to the Town’s electronic News Flash publications. Subscribers include residents as well as stakeholders – to include, but be not limited to, media outlets, school districts, Menlo Park Fire District, service providers (water, power, and sewer), and regional elected officials.

ATTACHMENTS

- Full results from the survey
- Summary of Survey Results
- Full-Size Photos of Each Light Option

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

All Registered Responses sorted chronologically

As of February 8, 2017, 10:45 AM



Atherton Open Town Hall is not a certified voting system or ballot box. As with any public comment process, participation in Atherton Open Town Hall is voluntary. The responses in this record are not necessarily representative of the whole population, nor do they reflect the opinions of any government agency or elected officials.

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

As of February 8, 2017, 10:45 AM, this forum had:

Attendees: 97

Registered Responses: 13

Minutes of Public Comment: 39

This topic started on October 14, 2016, 9:23 AM.

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Responses

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1

		%	Count
1		7.7%	1
3		23.1%	3
4		7.7%	1
8		23.1%	3
10		38.5%	5

Sample 2

		%	Count
1		23.1%	3
3		7.7%	1
4		15.4%	2
5		15.4%	2
6		15.4%	2
7		23.1%	3

Sample 3

		%	Count
1		15.4%	2
2		7.7%	1
3		15.4%	2
4		7.7%	1

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

		%	Count
5		15.4%	2
6		7.7%	1
7		15.4%	2
8		7.7%	1
10		7.7%	1

Current Fixture

		%	Count
1		23.1%	3
5		15.4%	2
7		7.7%	1
8		7.7%	1
9		15.4%	2
10		23.1%	3

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1

		%	Count
1		16.7%	1
6		16.7%	1
7		33.3%	2
10		16.7%	1

Sample 2

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

		%	Count
1		16.7%	1
8		16.7%	1
10		50.0%	3

Sample 3

		%	Count
1		16.7%	1
8		33.3%	2
10		33.3%	2

Current Fixture

		%	Count
1		33.3%	2
3		16.7%	1
5		50.0%	3

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1

		%	Count
2		15.4%	2
4		15.4%	2
5		15.4%	2
6		7.7%	1

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

		%	Count
7		15.4%	2
8		7.7%	1
10		23.1%	3

Sample 2

		%	Count
1		7.7%	1
3		7.7%	1
4		7.7%	1
5		7.7%	1
7		15.4%	2
8		38.5%	5
9		7.7%	1
10		7.7%	1

Sample 3

		%	Count
1		15.4%	2
2		7.7%	1
3		7.7%	1
4		15.4%	2
5		7.7%	1
7		15.4%	2
8		15.4%	2
9		7.7%	1

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

		%	Count
10		7.7%	1

Sample 4

		%	Count
1		23.1%	3
2		7.7%	1
3		7.7%	1
4		23.1%	3
5		15.4%	2
6		23.1%	3

Current Fixture

		%	Count
1		7.7%	1
2		23.1%	3
4		7.7%	1
5		30.8%	4
6		7.7%	1
8		7.7%	1
10		15.4%	2

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

		%	Count
1		20.0%	1
6		20.0%	1
9		20.0%	1
10		20.0%	1

Sample 2

		%	Count
1		20.0%	1
6		20.0%	1
8		20.0%	1
10		20.0%	1

Sample 3

		%	Count
1		20.0%	1
6		20.0%	1
7		20.0%	1
10		20.0%	1

Sample 4

		%	Count
1		20.0%	1
6		20.0%	1
7		20.0%	1
10		20.0%	1

Current Fixture

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

		%	Count
1		40.0%	2
2		20.0%	1
4		20.0%	1
5		20.0%	1

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Rick DeGolia inside Atherton

October 28, 2016, 11:03 AM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Sample 2: 5

Sample 3: 5

Current Fixture: 9

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1: 6

Sample 2: 8

Sample 3: 8

Current Fixture: 3

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Name not shown inside Atherton

October 26, 2016, 4:53 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Sample 2: 1

Sample 3: 7

Current Fixture: 10

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

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The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1: 7

Sample 2: 10

Sample 3: 8

Current Fixture: 5

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 2

Sample 2: 8

Sample 3: 10

Sample 4: 1

Current Fixture: 8

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.

Hanging Pendant Sample 2 is located on the southeast corner of the Hawthorne Drive and James Ave intersection.

Hanging Pendant Sample 3 is located in front of 52 James Ave.

Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Name not shown inside Atherton

October 24, 2016, 4:42 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 8

Sample 2: 6

Sample 3: 4

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

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The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 7

Sample 2: 7

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Sample 3: 8

Sample 4: 6

Current Fixture: 5

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.

Hanging Pendant Sample 2 is located on the southeast corner of the Hawthorne Drive and James Ave intersection.

Hanging Pendant Sample 3 is located in front of 52 James Ave.

Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Name not shown inside Atherton

October 24, 2016, 10:09 AM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 8

Sample 2: 1

Sample 3: 10

Current Fixture: 9

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

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The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Sample 2: 7
Sample 3: 9
Sample 4: 5
Current Fixture: 2

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.
Hanging Pendant Sample 2 is located on the southeast corner of the Hawthorne Drive and James Ave intersection.

Hanging Pendant Sample 3 is located in front of 52 James Ave.

Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Jenny Redo inside Atherton

October 19, 2016, 11:55 AM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Sample 2: 5

Sample 3: 3

Current Fixture: 7

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

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The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1: 1

Sample 2: 1

Sample 3: 1

Current Fixture: 1

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Name not shown inside Atherton

October 17, 2016, 2:28 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 8

Sample 2: 4

Sample 3: 8

Current Fixture: 5

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

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The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 2

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Sample 2: 8
Sample 3: 2
Sample 4: 4
Current Fixture: 2

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.
Hanging Pendant Sample 2 is located on the southeast corner of the Hawthorne Drive and James Ave intersection.

Hanging Pendant Sample 3 is located in front of 52 James Ave.

Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Steve Aber inside Atherton

October 17, 2016, 8:19 AM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 3

Sample 2: 7

Sample 3: 2

Current Fixture: 5

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 5

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Sample 2: 8
Sample 3: 4
Sample 4: 3
Current Fixture: 5

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.
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The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Dimitrios Dimitrelis inside Atherton

October 16, 2016, 7:36 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Sample 2: 1

Sample 3: 1

Current Fixture: 10

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1: 7

Sample 2: 10

Sample 3: 10

Current Fixture: 5

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Sample 2: 1

Sample 3: 1

Sample 4: 1

Current Fixture: 10

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.

Hanging Pendant Sample 2 is located on the southeast corner of the Hawthorne Drive and James Ave intersection.

Hanging Pendant Sample 3 is located in front of 52 James Ave.

Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

CHARLES THURBER inside Atherton

October 16, 2016, 6:43 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 1

Sample 2: 7

Sample 3: 1

Current Fixture: 1

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Current Fixture: 1

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 8

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Sample 2: 8
Sample 3: 1
Sample 4: 1
Current Fixture: 1

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.
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If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Current Fixture: 1

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Jerome Leugers inside Atherton

October 15, 2016, 9:11 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 3

Sample 2: 7

Sample 3: 3

Current Fixture: 10

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1: 10

Sample 2: 10

Sample 3: 10

Current Fixture: 5

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 5

Sample 2: 5

Sample 3: 5

Sample 4: 5

Current Fixture: 5

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.

Hanging Pendant Sample 2 is located on the southeast corner of the Hawthorne Drive and James Ave intersection.

Hanging Pendant Sample 3 is located in front of 52 James Ave.

Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

Sample 1: 10

Sample 2: 10

Sample 3: 10

Sample 4: 10

Current Fixture: 5

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Name not shown inside Atherton

October 15, 2016, 1:29 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Sample 2: 6

Sample 3: 6

Current Fixture: 1

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 10

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Sample 2: 3
Sample 3: 3
Sample 4: 4
Current Fixture: 4

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Hanging Pendant Sample 1 is located on the northwest corner of Heather Drive/James Ave. intersection.
Hanging Pendant Sample 2 is located on the southeast corner of the Hawthorne Drive and James Ave intersection.

Hanging Pendant Sample 3 is located in front of 52 James Ave.

Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Name not shown inside Atherton

October 15, 2016, 7:44 AM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 4

Sample 2: 3

Sample 3: 7

Current Fixture: 1

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

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Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 6

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

James McLaughlin inside Atherton

October 14, 2016, 3:57 PM

This survey will ask for your preference of the aesthetic quality of the options, and if you have visited the samples in the neighborhoods, you can also comment on the light quality. If you have not visited the locations, you can skip those sections.

POST TOP SAMPLES

Referring to the samples above (including the existing post top fixture for comparison purposes), how would you rate the look of these post top fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 3

Sample 2: 4

Sample 3: 5

Current Fixture: 8

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

Post Top Sample 1 is located directly in front of the Atherton Police Department at 83 Ashfield Road.

Post Top Sample 2 is located directly on the corner of Ashfield Road at Dinkelspiel Lane.

Post Top Sample 3 is located on Dinkelspiel Lane to the right of the Police Department vehicle gate.

The Existing Post Top Light in front of the Atherton library entrance located at 2 Dinkelspiel Station Lane remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each post top light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

HANGING PENDANT SAMPLES

Referring to the samples above (including the existing hanging pendant fixture for comparison purposes), how would you rate the look of these hanging pendant fixtures on a scale of 1-10, where 1 = strongly dislike and 10 = strongly like?

Sample 1: 4

Street Lamp Fixtures

Which of these street lamp post fixtures do you prefer?

Sample 2: 8
Sample 3: 4
Sample 4: 4
Current Fixture: 2

Complete this section if you have visited the sites of the samples, otherwise, scroll to the bottom of the page and click "Next."

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Hanging Pendant Sample 4 is located on the northeast corner of Magnolia Drive and James Ave.

The Existing Hanging Pendant at the island on the corner of James Ave, at Catalpa remains an existing light fixture with High Pressure Sodium Technology for comparison purposes.

If you have visited the sites, how would you rate the level of the illumination for each hanging pendant light on a scale of 1-10, where 1 = too dim and 10 = too bright?

No response

Post Top Fixtures

Sample 1			Sample 2			Sample 3		
Score	Votes	Weighted Score	Score	Votes	Weighted Score	Score	Votes	Weighted Score
	1	1		1	3		1	2
	2	0		2	0		2	1
	3	3		3	1		3	2
	4	1		4	2		4	1
	5	0		5	2		5	2
	6	0		6	2		6	1
	7	0		7	3		7	2
	8	3		8	0		8	1
	9	0		9	0		9	0
	10	5		10	0		10	1
	Total	88		Total	57		Total	62

A little too bright

Way too bright

Too bright

Pendant Fixtures

Sample 1			Sample 2			Sample 3		
Score	Votes	Weighted Score	Score	Votes	Weighted Score	Score	Votes	Weighted Score
	1	0		1	1		1	2
	2	2		2	0		2	1
	3	0		3	1		3	1
	4	2		4	1		4	2
	5	2		5	1		5	1
	6	1		6	0		6	0
	7	2		7	2		7	2
	8	1		8	5		8	2
	9	0		9	1		9	1
	10	3		10	1		10	1
	Total	80		Total	86		Total	69

A little too bright

A little too bright

A little too bright

SURVEY - This survey accounts for all responses both from online and walk-in polling. Not all people s for least favorite with 10 being most favorite. Below the weighted scores were the overall feel of how On all sample models, the light level is adjustable downwards since all samples were at 100% brightn

Current Fixtures			
Score	Votes	Weighted Score	
	1	3	3
	2		0
	3		0
	4		0
	5	2	10
	6		0
	7	1	7
	8		0
	9	2	18
	10	3	30
	Total		68

A little too dim

Sample 4			Current Fixture		
Score	Votes	Weighted Score	Score	Votes	Weighted Score
	1	3	1	1	1
	2	1	2		0
	3	1	3		0
	4	3	4		0
	5	2	5		0
	6	3	6	1	6
	7		7		0
	8		8		0
	9		9	1	9
	10		10	1	10
	Total	48	Total		26

A little too bright

Too dim

Surveyed gave responses to all lights. The score of 1 was
 v people felt about the level/quality of light.
 ess during the survey.



Pendant Choice #1

CORNER JAMES/HAWTHORN

King Luminaire K804



Pendant Choice #2

CORNER JAMES/HEATHER

Phillips Lumec



Post-Top Choice #1

TOWN HALL ENTERANCE

Sternberg Vintage



Post-Top Choice #2

PD PARKING LOT GATE

Luminaire KCK 118