

AGENDA ITEM
January 22, 2019

Subject: Street Light Addition for Industrial Park

Department: Administration

KCP&L requires that all street light additions be authorized through Resolution by the City Council. The City received a request for the installation of new street lights in the 3100-3400 block of Industrial Parkway.

RESOLUTION NO. 1524

A RESOLUTION OF THE CITY OF NEVADA, MISSOURI APPROVING THE ADDITION OF SIX STREET LIGHTS WITHIN THE CITY OF NEVADA, MISSOURI.

WHEREAS, addition of street lights must be done by resolution in order to satisfy KCP&L's procedures; and

WHEREAS, addition of six (6) street lights in the 3100 through 3400 block of Industrial parkway will be beneficial for the safety for the businesses within this neighborhood and is therefore advisable by the City of Nevada.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Nevada, Missouri, approves the installation of this street light at the location indicated herein.

PASSED, APPROVED AND ADOPTED this 22nd day of January, 2019

(seal)
ATTEST:

Brian L. Leonard, Mayor

Johnna Williams, Deputy City Clerk

NEVADA POLICE DEPARTMENT

120 SOUTH ASH ▪ NEVADA, MISSOURI 64772 ▪ P 417-448-5100 ▪ F 417-381-1923

Date: August 9, 2018

To: Chief Casey Crain

From: Officer Brittany Dawn

Subject: Staff Study

RE: Street Lights on Industrial Pkwy

PURPOSE:

The purpose of this staff study is to evaluate the need for additional street lighting along Industrial Pkwy.

METHOD:

- Identify potential hazards or adverse impact on nearby businesses, property owners and the general public.
- Interview nearby business owners, property owners and general public

PERSONS INTERVIEWED:

- Marty Whitworth, Local Manager for Kansas City Power & Light (KCP&L)
- Mark Mitchell, IT Manager for the City of Nevada
- Linda Breeden, Accounts Payable/Receivable for the City of Nevada
- Clint Parker, Training Director for the Missouri Welding Institute (MWI) located at 3300 Industrial Pkwy
- Robert McCrory, Representative for Quality Products located at 3100 Industrial Pkwy
- Sergeant Jeff Baker, Nevada Police Department
- Corporal Daniel Hayes, Nevada Police Department

SUMMARY:

The request for this review has come from staff at the Missouri Welding Institute (MWI), located at 3300 Industrial Pkwy. The Missouri Welding Institute has acquired the use of the building and property to their north, previously occupied by Missouri Northern Pecan Growers, located at 3400 Industrial Pkwy.

This matter was previously reviewed in 2016 at which time plans were developed by KCPL but ultimately no further action was taken at that time. A copy of that plan is included with this staff study.

I conducted a site survey of the area along Industrial Pkwy. I observed there were no street lights on Industrial Pkwy from the end of state maintenance on the south end to where city maintenance ends on the north end, which is approximately $\frac{3}{4}$ mile long. Installing street lights in this area would significantly increase visibility for pedestrians, motorists and law enforcement.

I spoke with Marty Whitworth from KCP&L. Marty stated that the previous plans developed in 2016 were still valid and there should be no change in the plotting. Marty suggested that six street lights be placed along Industrial Pkwy. Marty stated that he did not have access to the financial costs for the project, and recommended I speak with Mark Mitchell regarding cost factors.

I spoke with Mark Mitchell, IT Manager for the City of Nevada. Mark stated that he believed the cost to operate a light pole would be approximately \$200 annually. Mark stated that the cost may have changed since the last inquiry due to the required conversion to LED lights.

I spoke with Linda Breeden, Accounts Payable/Receivable for City of Nevada. Linda stated that the City of Nevada pays \$16.25 per month for each light pole for a total of \$195 per year per pole. Linda advised that the city currently pays approximately \$12,000 per year for street lights.

I spoke with Clint Parker, Training Coordinator for the Missouri Welding Institute located at 3300 Industrial Pkwy. Clint stated that he would like to see the street lights put in. Clint stated that Missouri Welding Institute has recently rented the old pecan building, which has increased the number of students present at any given time. Clint stated that he now has approximately 80 students per shift and the school runs classes 24/7. Clint expressed concern during night time hours. Clint stated that he has several students that walk along and on Industrial Pkwy to get to classes in the various buildings. Clint stated that it is even more concerning during the winter time with the shorter daylight hours. Clint also expressed concern for those that walk and stated that the traffic in the area drives well above the posted speed limit.

I spoke with Robert McCrory, a representative for Quality Products located at 3100 Industrial Pkwy. Robert stated that he felt that adding street lighting would increase

public safety. Robert stated that their company employs approximately 33 individuals with disabilities.

I spoke with Sergeant Jeff Baker of the Nevada Police Department. Sergeant Baker stated that he did not feel there was sufficient vehicle traffic along Industrial Pkwy during the night time hours to necessitate additional street lights.

I spoke with Corporal Daniel Hayes of the Nevada Police Department. Corporal Hayes stated that there was not a lot of traffic along Industrial Pkwy. Corporal Hayes also stated that officers were rarely received calls for service to that area.

COST:

Street lights are installed by KCPL. KCPL covers the cost of installation. The average bill for each street light within city limits is approximately \$195 per year, which is paid by the City of Nevada. It is expected that installing these additional six street lights would cost the City of Nevada an additional \$1,170 annually.

RECOMMENDATIONS:

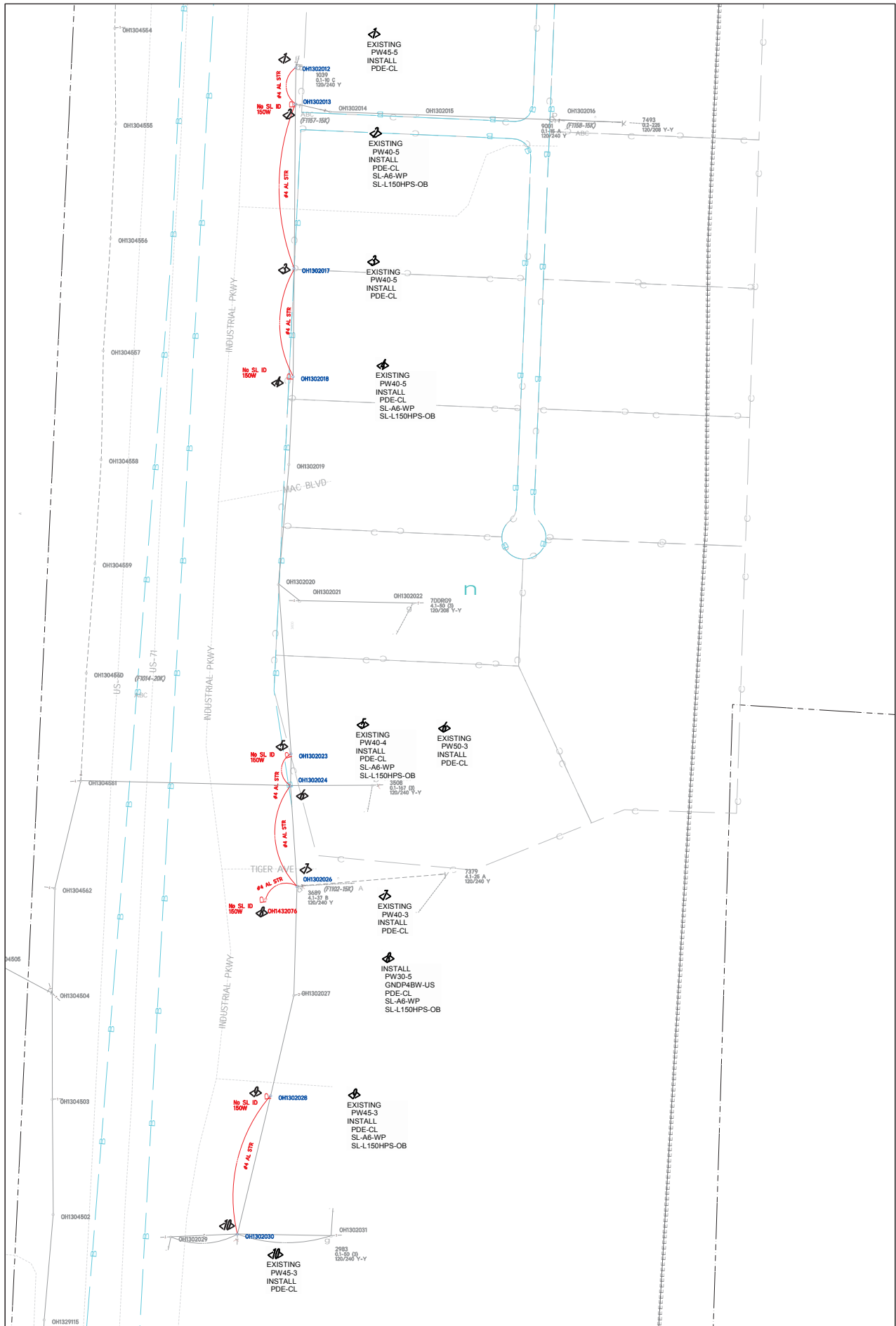
A review of the current City Code did not reveal any standards or guidelines for street light spacing or placement.

The KCP&L analysis from 2016 recommended the installation of six light poles, which would be sufficient for the area.

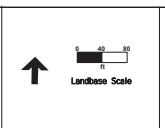
Representatives from the businesses located in this area along Industrial Pkwy expressed support for the installation of street lighting.

The site survey found no current street lighting along Industrial Pkwy. The installation of street lighting in this area would significantly increase visibility for pedestrians, motorists and law enforcement.

NAME	SIGNATURE	DATE	YES	NO
Lieutenant Steve Bastow				
Captain Jimmie Dye				
Chief Casey Crain				
Return To:				



EXISTING - - - - -	BUILT AS DESIGNED	DATE
INSTALL - - - - -	CHANGES AS NOTED	DATE
REMOVE - - - - -	LEADER	DATE
MODIFY - - - - -	REV	DATE



CONTACTS
 PROJECT DESIGNER: ROBBENS
 PHONE: #916-896-8876
 CUSTOMER MARK
 PHONE: #417-448-6509

T/R/S/OS: 30M/31W/2T	PRJP: 60010236
TITLE: CITY OF NEVADA	WRP: 737900
ADDRESS: INDUSTRIAL PARKWAY	SEC DST: XXX
CITY: NEVADA	CRCUT: 30711
COUNTY: VE	
STATE: MO	ZIP: 64772
12 KV	JOB TYPE: 1STLT
SHEET: 1 OF 1	

REV	DATE	BY	CHECKED	REVIEWED

All facility locations should be field verified.

KCP&L
 NEVADA
 DESIGNED BY: ROBBENS
 REVIEWED BY: ???
 DATE: 08/04/2016
 737900-1