



## City Council Staff Report

DATE: May 17, 2017

CONSENT CALENDAR

SUBJECT: APPROVAL OF PLANS, SPECIFICATIONS AND ESTIMATE (PS&E) AND AUTHORIZATION TO BID THE N. PALM CANYON DRIVE AT STEVENS ROAD AND VIA LAS PALMAS CROSSWALK INSTALLATIONS, CITY PROJECT NO. 16-13

FROM: David H. Ready, City Manager

BY: Engineering Services Department

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### SUMMARY

The construction documents (plans and specifications) have been completed, and in accordance with Section 7.03.040 of the Procurement and Contracting Code the City Council is required to approve and adopt plans, specifications and working details, and authorize the bid request for all public projects in excess of \$100,000. Approval of this action will allow staff to proceed with bidding of this capital project, with an estimated construction cost of \$342,000.

### RECOMMENDATION:

Approve the plans, specifications and estimate and authorize staff to advertise and solicit bids for the N. Palm Canyon Drive at Stevens Road and Via Las Palmas Crosswalk Installations, City Project No. 16-13.

### STAFF ANALYSIS:

The City retained Albert A. Webb & Associates, (Webb), to prepare a traffic analysis for the N. Palm Canyon Drive corridor between Tachevah Drive and Vista Chino to determine whether warrants for traffic signals or marked pedestrian crosswalks at the following non-signalized intersections are satisfied:

- Vereda Sur
- Via Las Palmas
- Vereda Norte
- Camino Monte Vista
- Stevens Road

ITEM NO. 1. G.

The traffic analysis submitted determined none of the five intersections above met traffic signal warrants due to the low traffic volumes on the side streets. However, the pedestrian crosswalk evaluation within the traffic analysis identified two new protected pedestrian crosswalk locations at Via Las Palmas and Stevens Road. As part of the traffic analysis, Webb recommended the protected pedestrian crosswalks include advance yield markings and flashing beacon systems. Conceptual exhibits provided in the traffic analysis are shown below in Figures 1 and 2.

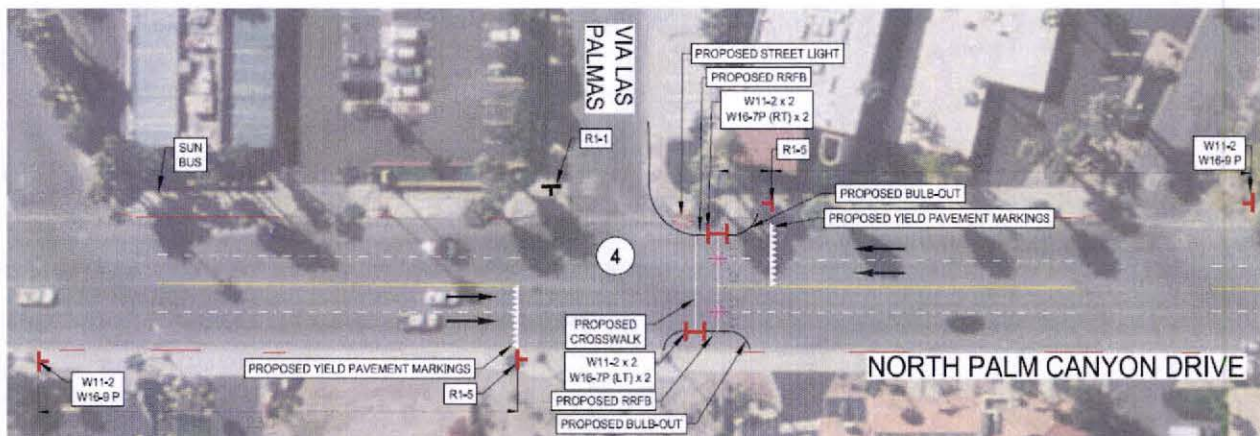


Figure 1

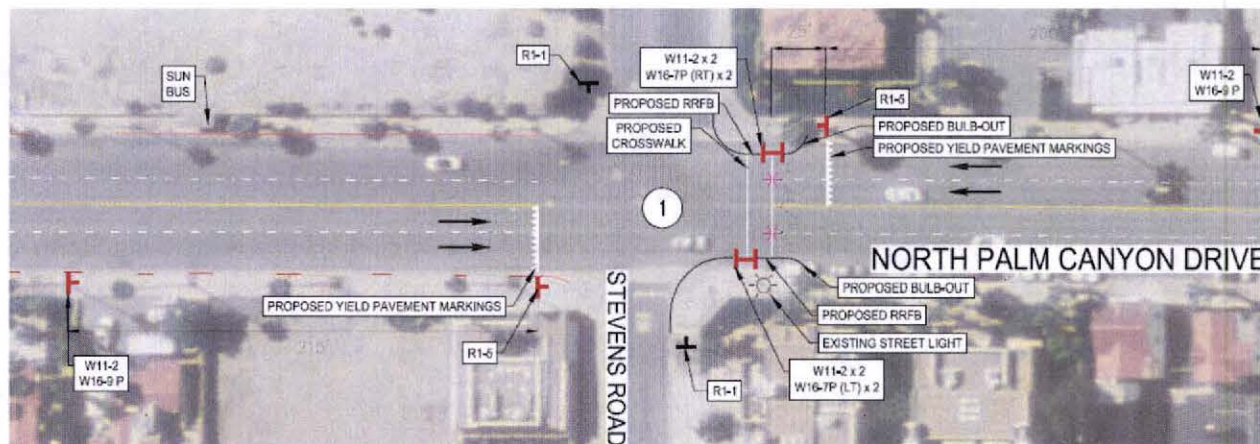


Figure 2

On October 19, 2016, the City Council authorized the City Engineer to install two protected pedestrian crosswalks at Via Las Palmas and Stevens Road in accordance with Chapter 12.68 "Pedestrians" of the Palm Springs Municipal Code. Additionally, the City Council authorized a Purchase Order with Webb in the amount \$31,130 to proceed with traffic engineering design services for the N. Palm Canyon Drive at Via Las Palmas and Stevens Road Crosswalk Installations, City Project No. 16-13, (Project). A copy of the October 19, 2016 staff report is included as **Attachment 1**.

The Project scope of work for the two protected pedestrian marked crosswalks at Via Las Palmas and Stevens Road include minor asphalt concrete pavement, concrete curb extensions (bulb-outs), curb and gutter, sidewalk, curb ramps, in-roadway warning lights, roadside flashing yellow beacons, street lighting, pavement markings and roadside signage. The placement of these two protected pedestrian marked crosswalks would be positioned along the northerly side of the intersections consistent with the traffic analysis prepared by Webb.

Staff has notified the adjacent commercial property owners regarding the proposed crosswalk improvements, and none have objected.

With City Council's approval, staff will advertise the project for bids in the *Desert Sun*, submit the Notice Inviting Bids to plan rooms, and provide the bid documents available free of charge to prospective bidders. Copies of the construction drawings and contract specifications for the Project are on file with the Engineering Services Department. The following **tentative** schedule has been identified for the bid process:

Notice Inviting Bids issued and posted:	May 18, 2017
<b>Deadline for receipt of bids:</b>	<b>3:00 PM, June 22, 2017</b>
Contract awarded by City Council:	July 19, 2017

**ENVIRONMENTAL IMPACT:**

Section 21084 of the California Public Resources Code requires Guidelines for Implementation of the California Environmental Quality Act (CEQA). The Guidelines are required to include a list of classes of projects which have been determined not to have a significant effect on the environment and which are exempt from the provisions of CEQA. In response to that mandate, the Secretary for Resources identified classes of projects that do not have a significant effect on the environment, and are declared to be categorically exempt from the requirement for the preparation of environmental documents. In accordance with Section 15301 "Existing Facilities," Class 1 projects consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public structures, facilities, mechanical equipment involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. Therefore, in accordance with Section 15301(c), staff has determined that the N. Palm Canyon Drive at Stevens Road and Via Las Palmas Crosswalk Installations, City Project No. 16-13, is considered categorically exempt from CEQA and a Notice of Exemption has been prepared and filed with the Riverside County Clerk. A copy of the Notice of Exemption is included as **Attachment 2**.

FISCAL IMPACT:

On January 2, 2014, the City conducted a bid opening for the Uptown Crosswalks, City Project No. 13-10, which was a capital project to construct and install four new protected crosswalks on N. Palm Canyon Drive at W. Chino Drive, Merito Place, and El Alameda, and on N. Indian Canyon Drive at Granvia Valmonte. The total cost of this prior project was \$184,849 for four protected crosswalks. On the basis of this total cost, each protected crosswalk had a cost of \$46,212 in January 2014; however, this cost excluded prevailing wages and in-ground illuminated crosswalk systems. As reported to City Council in October 2016, staff increased the estimated cost for each crosswalk by 30% to account for prevailing wages, and generally increasing cost of labor and materials over the last 3 years, and added \$40,000 as the cost of the in-ground illuminated crosswalk system at each location.

On this basis, staff estimated the total construction cost for each protected crosswalk at \$100,000 – or a total cost of \$200,000. Staff also recommended, and City Council agreed, that this project be funded with budget appropriated in the Measure J Capital Improvement Fund (Fund 260) in two ways: 1) the design costs of \$31,130 to be funded from the Non-Motorized Transportation Program (“NMTP”) funding in Account No. 260-4500-59445; and 2) the construction costs of \$200,000 from funding allocated to the Measure J Community Projects.

However, the final construction estimate for the project is \$342,000 as shown in **Attachment 3**. The increased cost is primarily due to significantly more street work required at these crosswalk locations, and costs associated with installation of a new SCE street light at Via Las Palmas.

On October 21, 2015, the City Council approved the Measure J “Community Projects” recommendations and three-year plan, and subsequently appropriated Measure J funding for the first two years of the listed Community Projects. Identified as a project listed for Fiscal Year 2016/2017 is a proposed project to install a traffic signal at La Verne Way and Twin Palms Drive with a budget allocated of \$200,000. Staff requested that Webb perform a traffic analysis to determine if traffic signal warrants were satisfied for a new traffic signal at La Verne Way and Twin Palms Drive, and Webb has confirmed that warrants are not satisfied. Therefore, the budget of \$200,000 allocated from the Measure J Community Projects list was available to be reallocated to installation of the two new protected crosswalks on N. Palm Canyon Drive.

On March 16, 2017, staff provided the Measure J Commission with a list of unfunded project requests for Fiscal Year 2017/2018 budget. Staff identified five top priority projects in need of future funding. The new protected crosswalks on N. Palm Canyon Drive is one of the priority projects in which staff is requesting the Measure J Commission an allocation of \$200,000 budget in the next fiscal year. On April 20, 2017, the Measure J Commission recommended funding in the amount of \$200,000 for the project as part of the 2017/2018 Fiscal Year Measure J budget.

At the May 9, 2017, joint City Council / Measure J Commission meeting, the City Council reviewed the recommended list of capital projects to be funded with Measure J capital funds, however, no formal action was taken at that time.


On the basis that the City Council ultimately approves an appropriation of \$200,000 for the project as part of the 2017/2018 Measure J Fiscal Year budget, the estimated Project budget and incurred expenditures are identified in Table 1.


Table of Project Costs	Amount
Measure J Fund (260)	\$31,130
Measure J Community Projects	\$200,000
FY 17/18 Measure J Funds (Proposed)	\$200,000
Design Services	(\$31,130)
Project Administration (through 5/8/17)	(\$7,500)
Project Administration (Estimated)	(\$5,000)
Construction Inspection (Estimated)	(\$15,000)
Construction Contract (Estimated)	(\$342,000)
Construction Contingency	(\$30,000)
<b>Budget Deficit</b>	<b>\$500</b>

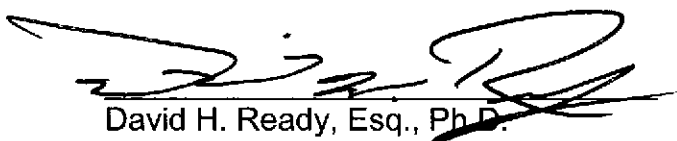
Table 1

Staff recommends that the City Council authorize bidding of the Project to obtain final costs, allowing staff to identify funding alternatives for City Council consideration at the time a contract is scheduled for award.

SUBMITTED:

  
 \_\_\_\_\_  
 Thomas Garcia, P.E.  
 City Engineer

  
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 Marcus L. Fuller, MPA, P.E., P.L.S.  
 Assistant City Manager

  
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 David H. Ready, Esq., Ph.D.  
 City Manager

Attachments:

1. October 19, 2016, staff report
2. Notice of Exemption
3. Cost Estimate

# **ATTACHMENT 1**



## City Council Staff Report

DATE: October 19, 2016

NEW BUSINESS

SUBJECT: REVIEW OF N. PALM CANYON DRIVE CORRIDOR ANALYSIS, APPROVAL OF PEDESTRIAN CROSSWALKS AT VIA LAS PALMAS AND STEVENS ROAD, AND AUTHORIZATION OF A PURCHASE ORDER IN THE AMOUNT OF \$31,130 WITH ALBERT A. WEBB & ASSOCIATES FOR ENGINEERING DESIGN SERVICES FOR THE N. PALM CANYON DRIVE AT STEVENS ROAD AND VIA LAS PALMAS CROSSWALK INSTALLATIONS, CITY PROJECT NO. 16-13

FROM: David H. Ready, City Manager

BY: Engineering Services Department

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### SUMMARY:

At the prior request of City Council, staff requested a traffic analysis of the N. Palm Canyon Dr. corridor between Tachevah Drive and Vista Chino by the City's on-call traffic engineering firm, Albert A. Webb & Associates, ("Webb"), to consider where pedestrian crosswalks may be appropriate and installed along this 0.5 mile long segment. The traffic analysis completed by Webb recommends the City consider providing protected pedestrian crosswalks at Via Las Palmas and Stevens Road. This action item would direct staff to proceed with the design of improvements to install new pedestrian crosswalks with curb pop-outs, rectangular flashing beacons, and in-ground illuminated crosswalk systems, at these two locations, and authorize a Purchase Order in the amount of \$31,130 with Webb for traffic engineering design services associated with the N. Palm Canyon Drive at Stevens Road and Via Las Palmas Crosswalk Installations, City Project No. 16-13.

### RECOMMENDATION:

1. Authorize the City Engineer to install a protected pedestrian crosswalk at the intersection of N. Palm Canyon Drive and Via Las Palmas in accordance with Chapter 12.68 "Pedestrians" of the Palm Springs Municipal Code;
2. Authorize the City Engineer to install a protected pedestrian crosswalk at the intersection of N. Palm Canyon Drive and Stevens Road in accordance with Chapter 12.68 "Pedestrians" of the Palm Springs Municipal Code;

ITEM NO. 66

3. Authorize a Purchase Order in the amount of \$31,130 with Albert A. Webb & Associates, pursuant to the City's "on-call" traffic engineering services agreement, (A6443), for traffic engineering design services for the N. Palm Canyon Drive at Stevens Road and Via Las Palmas Crosswalk Installations, City Project No. 16-13;
4. Authorize the City Manager to execute all necessary documents.

**BACKGROUND:**

The segment of N. Palm Canyon Drive between Tachevah Drive and Vista Chino is one-half mile long, with five non-signalized intersections at:

- Vereda Sur
- Via Las Palmas
- Vereda Norte
- Camino Monte Vista
- Stevens Road

Figure 1 on the next page identifies the half mile corridor.

Each of these five intersections do not have traffic signals, and do not have marked pedestrian crosswalks. In the past, staff has been questioned on the safety of pedestrian crossings along this segment of N. Palm Canyon Drive, and whether any of these intersections met warrants for installation of traffic signals, or could be improved with marked crosswalks, with flashing beacon systems and signage similar to other pedestrian crosswalks recently installed on N. Palm Canyon Drive at W. Chino Drive, Merito Place, and El Alameda, and on N. Indian Canyon Drive at Granvia Valmonte.

On November 6, 2013, the City Council approved Agreement No. 6443 with Albert A. Webb & Associates, ("Webb"), for "on-call" traffic engineering services on an as needed basis. Utilizing this on-call agreement, staff requested a proposal from Webb to prepare a traffic analysis for the N. Palm Canyon Drive corridor between Tachevah Drive and Vista Chino, and determine whether warrants for traffic signals or marked pedestrian crosswalks are satisfied.

The decision to install a traffic signal at any intersection should be determined on the basis of a traffic engineering study, in accordance with guidelines identified in the California Manual on Uniform Traffic Control Devices ("MUTCD"). Generally, the MUTCD provides guidance on the installation of traffic signals, and identifies eight "warrants" related to traffic volumes, pedestrian volumes, school crossings, crash experience, interconnected corridor "roadway network", or railroad crossings.



**NORTH PALM CANYON DRIVE**  
 Existing Conditions & Average Daily Traffic (ADT) Volume



**N. Palm Canyon Drive Corridor**  
 Tachevah Drive to Vista Chino  
 Figure 1

On September 27, 2016, Webb submitted its traffic analysis for the N. Palm Canyon Drive corridor, and determined the following conclusions:

- Based on traffic counts taken June 23, 2016, the Average Daily Traffic ("ADT") on this segment of N. Palm Canyon Drive was 16,524 vehicles
- None of the five intersections meet warrants established by the MUTCD for traffic signal installations due to the low traffic volumes on the side streets
- Pedestrian crosswalk analysis based on existing pedestrian crossing data and the MUTCD guidance criteria identified two new recommended protected pedestrian crosswalks at Via Las Palmas and Stevens Road

Painting crosswalks on City streets should only occur when recommended through a traffic analysis following MUTCD guidance criteria. The traffic analysis completed by Webb was prepared in accordance with Section 3B.18 Crosswalk Markings of the 2014 California Manual on Uniform Traffic Control Devices (MUTCD) provided below.

*08 Crosswalk lines should not be used indiscriminately. An engineering study should be performed before a marked crosswalk is installed at a location away from a traffic control signal or an approach controlled by a STOP or YIELD sign. The engineering study should consider the number of lanes, the presence of a median, the distance from adjacent signalized intersections, the pedestrian volumes and delays, the average daily traffic (ADT), the posted or statutory speed limit or 85th-percentile speed, the geometry of the location, the possible consolidation of multiple crossing points, the availability of street lighting, and other appropriate factors.*

*09 New marked crosswalks across uncontrolled roadways should include alone, without other measures designed to reduce traffic speeds, shorten crossing distances, enhance driver awareness of the crossing, and/or provide active warning of pedestrian presence, should not be installed across uncontrolled roadways where the speed limit exceeds 40 mph and either:*

- A. The roadway has four or more lanes of travel without a raised median or pedestrian refuge island and an of 12,000 vehicles per day or greater; or*
- B. The roadway has four or more lanes of travel with a raised median or pedestrian refuge island and an ADT of 15,000 vehicles per day or greater.*

*09a If a marked crosswalk exists across an uncontrolled roadway where the speed limit exceeds 40 mph and the roadway has four or more lanes of travel and an ADT of 12,000 vehicles per day or greater, advanced yield lines with associated Yield Here to Pedestrians (R1-5, R1-5a) signs should be placed 20 to 50 ft in advance of the crosswalk, adequate visibility should be provided by parking prohibitions, pedestrian crossing (W11-2) warning signs with diagonal downward pointing arrow (W16- 7p) plaques should be installed at the crosswalk, and a high-visibility crosswalk marking pattern should be used (See Figure 3B-17(CA)).*

On the basis that the 85th percentile speed on N. Palm Canyon Drive exceeds 40 mph (it was determined at 48 mph in the 2013 Citywide traffic speed survey), and has an ADT of 16,524 exceeding 12,000 recommended by MUTCD, Webb has determined and recommends that protected crosswalks with advance yield markings and flashing beacon systems be installed at Via Las Palmas and Stevens Road. Conceptual exhibits showing how these protected crosswalks would be installed are identified in Figures 2 and 3.

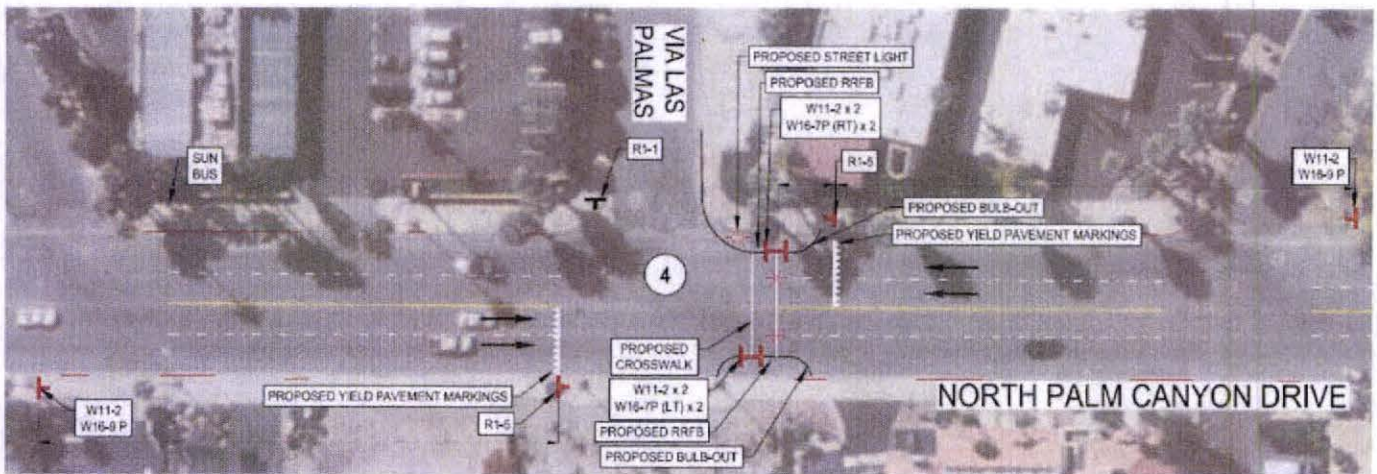


Figure 2

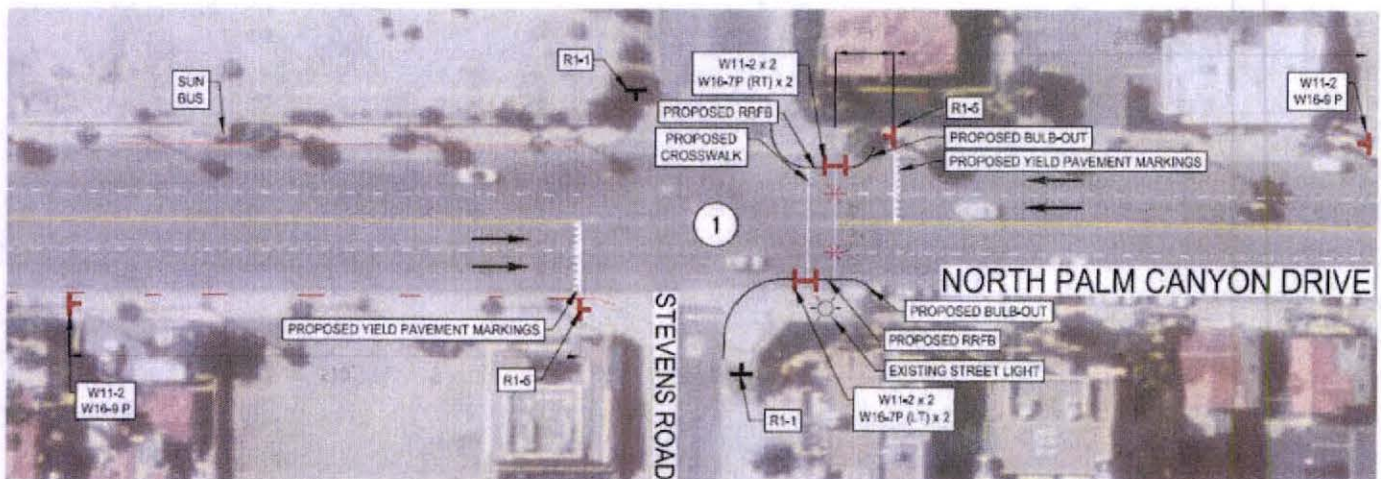


Figure 3

In addition to the flashing beacon systems and advance traffic striping and signage associated with marked pedestrian crosswalks, staff would recommend installation of in-ground illuminated crosswalk systems to further enhance the safety of pedestrians crossing at these locations. A copy of Webb's traffic analysis is included as **Attachment 1**.

ENVIRONMENTAL IMPACT:

Section 21084 of the California Public Resources Code requires Guidelines for Implementation of the California Environmental Quality Act ("CEQA"). The Guidelines are required to include a list of classes of projects which have been determined not to have a significant effect on the environment and which are exempt from the provisions of CEQA. In response to that mandate, the Secretary for Resources identified classes of projects that do not have a significant effect on the environment, and are declared to be categorically exempt from the requirement for the preparation of environmental documents. In accordance with Section 15301 "Existing Facilities," Class 1 projects consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public structures, facilities, mechanical equipment or topographical features involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. Therefore, in accordance with Section 15301(c), staff has determined that installation of protected pedestrian crosswalks on an existing City street is considered categorically exempt from CEQA.

FISCAL IMPACT:

On January 2, 2014, the City conducted a bid opening for the Uptown Crosswalks, City Project No. 13-10, which was a capital project to construct and install four new protected crosswalks on N. Palm Canyon Drive at W. Chino Drive, Merito Place, and El Alameda, and on N. Indian Canyon Drive at Granvia Valmonte. The total cost of this prior project was \$184,849 for four protected crosswalks. On the basis of this total cost, each protected crosswalk had a cost of \$46,212 in January 2014; however, this cost excluded prevailing wages and in-ground illuminated crosswalk systems. Staff would increase the estimated cost for each crosswalk by 30% to account for prevailing wages, and generally increasing cost of labor and materials over the last 3 years, and add \$40,000 as the cost of the in-ground illuminated crosswalk system at each location.

Therefore, staff estimates the total construction cost for each protected crosswalk is \$100,000 – or a total cost of \$200,000.


Webb has provided the City with a proposal to prepare plans, specifications and estimates for construction drawings to install the two recommended protected crosswalks, for a total not to exceed fee of \$31,130; a copy of Webb's proposal is included as **Attachment 2**.


Staff is recommending that this project be funded with budget appropriated in the Measure J Capital Improvement Fund (Fund 260) in two ways: 1) the design costs of \$31,130 to be funded from the Non-Motorized Transportation Program ("NMTP") funding in Account No. 260-4500-59445; and 2) the construction costs of \$200,000 from funding allocated to the Measure J Community Projects.

On October 21, 2015, the City Council approved the Measure J "Community Projects" recommendations and three-year plan, and has subsequently appropriated Measure J funding for the first two years of the listed Community Projects; a copy of the October 21, 2015, staff report is included as **Attachment 3**. Identified as a project listed for Fiscal Year 2016/2017 is a proposed project to install a traffic signal at La Verne Way and Twin Palms Drive with a budget allocated of \$200,000. Staff requested that Webb perform a traffic analysis to determine if traffic signal warrants were satisfied for a new traffic signal at La Verne Way and Twin Palms Drive, and Webb has confirmed that warrants are not satisfied. Therefore, the budget of \$200,000 allocated from the Measure J Community Projects list is available to be reallocated to installation of the two new protected crosswalks on N. Palm Canyon Drive.

Sufficient funds are budgeted and available in Account No. 260-4500-59445 to facilitate approval of a Purchase Order in the amount of \$31,130 to Albert A, Webb & Associates for the N. Palm Canyon Drive at Stevens Road and Via Las Palmas Crosswalk Installations, City Project No. 16-13.

SUBMITTED

  
\_\_\_\_\_  
Marcus L. Fuller, MPA, P.E., P.L.S.  
Assistant City Manager/City Engineer

  
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David H. Ready, Esq., Ph.D.  
City Manager

Attachment:

1. N. Palm Canyon Drive Crosswalk Analysis
2. Albert A. Webb & Associates Proposal
3. October 21, 2015, staff report

# **ATTACHMENT 2**

**NOTICE OF EXEMPTION**

To:  Office of Planning and Research  
1400 Tenth Street, Room 121  
Sacramento, CA 95814

From: City of Palm Springs  
3200 E. Tahquitz Canyon Way  
Palm Springs, CA 92262

Clerk of the Board  
County of Riverside  
P.O. Box 751  
Riverside, CA 92502-0751

**Project Title:** N. Palm Canyon Drive at Stevens Road and Via Las Palmas Crosswalk Installations, City Project No. 16-13

**Project Applicant:** City of Palm Springs

**Project Location (Specific):** 1). N. Palm Canyon Drive and Stevens Road 2). N. Palm Canyon Drive and Via Las Palmas

**Project Location (City):** City of Palm Springs

**Project Location (County):** Riverside

**Project Description:** The scope of work includes the installation of two (2) pedestrian marked crosswalks including minor asphalt concrete pavement, concrete curb extensions (bulb-outs), curb and gutter, curb outlets, sidewalk, curb ramps, in-roadway warning lights, roadside flashing yellow beacons, street lighting, pavement markings and roadside signage. The two pedestrian marked crosswalks across N Palm Canyon Drive will be positioned along the north side of Stevens Road and along the south side of Via Las Palmas intersections.

**Name of Public Agency Approving Project:** City of Palm Springs

**Name of Person or Agency Carrying Our Project:** City of Palm Springs, Public Works & Engineering Department  
3200 E. Tahquitz Canyon Way, Palm Springs, CA 92262

**Exempt Status:** (check one)

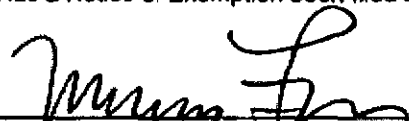
- Ministerial (Sec. 21080(b) (1); 15268);
- Declared Emergency (Sec. 21080(b) (3); 15269(a));
- Emergency Project (Sec. 21080(b) (4); 15269 (b)(c));
- Categorical Exemption. State type and section number: 15301 Class 1 (c) – Existing Facilities
- Statutory Exemptions. State code number:

**Reasons why project is exempt:** Class 1 consists of operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographic features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. Existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities. Therefore, the N. Palm Canyon Drive at Stevens Road and Via Las Palmas Crosswalk Installations, City Project No. 16-13, is considered categorically exempt from CEQA.

**Lead Agency Contact Person:** Marcus L. Fuller Area Code/Telephone/Extension: (760) 322-8380

**If filed by applicant:**

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project?  Yes  No

Signature:  Date: 2/28/2017 Title: Asst. City Manager/City Engineer

Signed by Lead Agency  Signed by Applicant

**Authority cited:** Sections 21083 and 21110, Public Resources Code  
**Reference:** Sections 21108, 21152, and 21152.1, Public Resources Code.

**Date received for filing at OPR:** \_\_\_\_\_

# **ATTACHMENT 3**



**ENGINEER'S COST ESTIMATE FOR:**  
**N. PALM CANYON DRIVE CROSSWALKS AT STEVENS RD. AND VIA LAS PALMAS IMPROVEMENT PROJECT**  
**CITY PROJECT 16-13, CITY OF PALM SPRINGS**

ITEM. NO.	DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	AMOUNT
1	MOBILIZATION	LS	1	\$ 29,000.00	\$ 29,000.00
2	TRAFFIC CONTROL SYSTEM	LS	1	\$ 8,000.00	\$ 8,000.00
3	WATER POLLUTION CONTROL	LS	1	\$ 2,000.00	\$ 2,000.00
4	DUST CONTROL (PM 10)	LS	1	\$ 2,000.00	\$ 2,000.00
<b>Demolition &amp; Site Preparation</b>					
5	REMOVE & DISPOSE EXISTING STREET SECTION (AC & BASE)	SF	6400	\$ 2.00	\$ 12,800.00
6	REMOVE AND DISPOSE EXISTING CONCRETE (S/W, D/W, X-GUTTER, CURB RAMP)	SF	5700	\$ 3.00	\$ 17,100.00
7	REMOVE & DISPOSE EXISTING CURB & GUTTER	LF	430	\$ 5.00	\$ 2,150.00
8	GRIND (1-1/2" MIN)	SF	2660	\$ 1.40	\$ 3,724.00
9	SAWCUT	LF	820	\$ 2.00	\$ 1,640.00
<b>Street Improvement</b>					
10	HOT MIX ASPHALT	TON	110	\$ 125.00	\$ 13,750.00
11	CRUSHED MISCELLANEOUS BASE	CY	50	\$ 60.00	\$ 3,000.00
12	CONSTRUCT 6" CURB & GUTTER PER CITY OF PALM SPRINGS STD. DWG. NO. 200, A3	LF	90	\$ 22.00	\$ 1,980.00
13	CONSTRUCT 8" CURB & GUTTER PER CITY OF PALM SPRINGS STD. DWG. NO. 200, A4	LF	420	\$ 24.00	\$ 10,080.00
14	CONSTRUCT 4" THICK SIDEWALK PER CITY OF PALM SPRINGS STD. DWG. NO. 210	SF	5200	\$ 7.00	\$ 36,400.00
15	CONSTRUCT CURB RAMP PER CITY OF PALM SPRINGS STD. DWG. NO. 212, TYPE A	EA	6	\$ 3,000.00	\$ 18,000.00
16	CONSTRUCT CURB RAMP PER CITY OF PALM SPRINGS STD. DWG. NO. 213, TYPE B	EA	1	\$ 3,000.00	\$ 3,000.00
17	CONSTRUCT CURB RAMP PER DETAIL ON PLAN	EA	2	\$ 3,000.00	\$ 6,000.00
18	CONSTRUCT CROSS GUTTER PER CITY OF PALM SPRINGS STD. DWG. NO. 200	SF	1100	\$ 14.00	\$ 15,400.00
19	CONSTRUCT STANDARD DRIVEWAY PER CITY OF PALM SPRINGS STD. DWG. NO. 201	LF	250	\$ 12.00	\$ 3,000.00
<b>Utilities</b>					
20	ADJUST EXISTING WATER VALVE TO FINISH GRADE (PER DWA REQUIREMENTS)	EA	2	\$ 600.00	\$ 1,200.00
<b>Signing &amp; Striping</b>					
21	SANDBLAST CONFLICTING STRIPING	LF	2100	\$ 2.00	\$ 4,200.00
22	RELOCATE EXISTING SIGN & POST	EA	1	\$ 200.00	\$ 200.00
23	INSTALL SIGN (STANDARD SIZE OR AS INDICATED) AND POST PER CITY OF PALM SPRINGS STANDARD 624	EA	8	\$ 300.00	\$ 2,400.00
24	INSTALL ADDITIONAL SIGN PLATE	EA	4	\$ 40.00	\$ 160.00
25	INSTALL DOUBLE SIDED GLUE DOWN SIGN R1-6	EA	4	\$ 350.00	\$ 1,400.00
26	INSTALL RAISED PAVEMENT MARKERS	EA	600	\$ 4.00	\$ 2,400.00
27	APPLY THERMOPLASTIC	SF	700	\$ 5.00	\$ 3,500.00
<b>Flashing Warning System</b>					
28	FURNISH AND INSTALL RRFB SYSTEM COMPLETE.	EA	4	\$ 10,000.00	\$ 40,000.00
29	FURNISH AND INSTALL IN-PAVEMENT CROSS-WALK SYSTEM	LS	2	\$ 15,000.00	\$ 30,000.00
<b>Street Light</b>					
30	CONSTRUCT 120 VOLT, 200 WATT H.P.S.V., 22,000 LUMEN STREET LIGHT PER COUNTY OF RIVERSIDE STD. NO. 1001 (8' MAST ARM)	EA	1	\$ 5,000.00	\$ 5,000.00
31	SCE COST FOR STREET LIGHT	EA	1	\$ 20,000.00	\$ 20,000.00
<b>CONSTRUCTION COSTS SUBTOTAL</b>					<b>\$ 347,484.00</b>
CONTINGENCY (10% OF CONSTRUCTION COSTS)		LS	1	\$ 34,748.40	\$ 34,748.40
<b>TOTAL</b>					<b>\$ 383,000.00</b>