



**CITY OF LA HABRA, CALIFORNIA  
CONTRACT CHANGE ORDER NO. 1**

**PROJECT: Whittier Boulevard and Hacienda Road Intersection Improvements  
City Project No. 2-TC-13**

**CONTRACTOR: PALP, Inc. dba Excel Paving Company  
2230 Lemon Avenue, Long Beach, CA 90806**

You are hereby directed to make the following changes to the plans and specifications or to do the following described work not included in the plans and specifications.

**Description of Change Order:** This Change Order is for the additional cost due to modifications made to the Signal Plan (sheet 8 of 11) after the award of contract. The Signal Plan included with the Bid package was not the approved Caltrans plan.

**Note:** This change order is not effective until approved by the City Engineer.

**Changes requested by:** Cesar Rangel, P.E., Principal Civil Engineer

**Date of Issuance:** January 31, 2020

**DESCRIPTION OF CONTRACT CHANGES:**

Item #	Item Description	Actual Quantity	Unit	Unit Price	Estimated Cost
1	The scope of work consists of increasing the poles signal mast arm length; adding new traffic signal heads; relocating a traffic signal pole; adding new traffic signal loops; increasing conduit size and adding pull boxes. Enclosed is the Contractor's supporting breakdown of scope and RFI No. 3. The Contractor agrees to accept the lump sum of...	1	LS	\$ 44,255	\$ 44,255
				<b>Total Estimated Cost</b>	<b>\$ 44,255</b>

**SUMMARY:**

Change Requested by: City  Contractor

Original Date for Completion:	<u>TBD</u>	Original Contract Amount:	<u>\$1,693,265</u>
Working Days Approved to Date:	<u>150</u>	Current Amount:	<u>\$1,693,265</u>
Working Days for this Change:	<u>10</u>	Amount of this Change Order:	<u>\$44,255</u>
Revised Date for Completion:	<u>TBD</u>	Revised Amount:	<u>\$1,737,520</u>

Accepted Date: January 31, 2020  
Contractor: PALP, Inc. dba Excel Paving Company  
By: Wade Phillips  
Title: Project Manager  
Signature: \_\_\_\_\_

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Approved Date: January 31, 2020  
Approved by: Christopher L. Johansen, P.E.  
Title: City Engineer  
Signature: \_\_\_\_\_



**Excel Paving Company**

P.O. Box 16405 | 2230 Lemon Ave.

Long Beach, CA 90806

P (562) 599-5841 | F (562) 591-7485

License No. 688659 | DIR 1000003331

**CONTRACT CHANGE ORDER PROPOSAL**

To Cesar Rangel  
City of La Habra  
110 E. La Habra Blvd.  
La Habra, CA 90631

Date November 4, 2019

COP No. 01R1

Project Whittier Blvd. / Hacienda Rd. Intersection  
Project No. \_\_\_\_\_

Excel Project No. 5675

Item No.	Description	Quantity	Unit	Price	Extension
1	Additional Cost for Revised Traffic Signal Plans	1	LS	\$ 44,255.00	\$ 44,255.00
<b>TOTAL</b>					<b>\$ 44,255.00</b>

**ALL ORIGINAL TERMS AND CONDITIONS OF ORIGINAL CONTRACT REMAIN IN FULL FORCE AND EFFECT.**

CHANGE ORDER NOTES AND CONDITIONS:	
1	Please see attached change order request from Excel subcontractor, Elecnor Belco, for breakdown of changes.
2	Excel is requesting an additional (10) working days due to this change.
3	Excel reserves the right to request cost for overhead extension should it become necessary.
4	Work is based on working hours as defined in the project specifications. No night work is included.
5	Price includes 1% for bond.

**Acknowledged and Agreed**

Wade Phillips   
Wade Phillips 11/4/2019  
Estimator Date

\_\_\_\_\_  
Date



July 29, 2019

**Excel Paving Company**  
P.O. Box 16405  
Long Beach, CA 90806

**Serial No. 14-0372-002**

Attention: Mr. Wade Phillips, Project Manager

Reference: Whittier Blvd. and Hacienda Rd. Intersection Improvements Project  
City of La Habra Project No. 2-TC-13  
Belco Job No. 14-0372, Excel Job No. 5675

Subject: Price Proposal for Revised Traffic Signal Plan  
Belco PCO No. 14-072-1.00  
Excel RFI No. 03, dated July 15, 2019

Dear Mr. Phillips:

Please consider this as Elecnor Belco Electric's price proposal for the traffic signal modifications at the intersection of Whittier Blvd. and Hacienda Rd. for the above referenced project. The following details provided in the following details are based on the Revised Delta 1 Traffic Signal Plan, dated 6/19/2019:

- Pole A – Change New Pole from Type 29A-5 w/45' SMA and 12' LMA to Type 29-5-100 w/50' SMA and 12' LMA.
- Pole B – Add new SV-2-TA Traffic Signal Head.
- Pole C – Change New Pole from Type 19-4-100 w/25' SMA and 12' LMA to Type 19A-4-100 w/30' SMA and 12' LMA. Change from MAS Traffic Signal Head to MAS-4B Traffic Signal Head.
- Pole D – No Changes to New Type 21TS from original traffic signal plan.
- Pole E – Change New Pole from Type 29A-5 w/45' SMA and 12' LMA to Type 29-5-100 w/50' SMA and 12' LMA.
- Pole F – Relocate existing Type 1A pole with existing traffic signal head and existing pushbutton per Excel Paving RFI No. 03
- Pole G – Protect existing Pole in Place with no upgrades per Excel Paving RFI No. 03.
- Pole H – Protect existing Pole in Place with no upgrades per Excel Paving RFI No. 03.
- Add (2) Type "D" and (2) Type "E" Traffic Signal Loops Eastbound of Whittier Blvd.
- Add and change conduit sizes per Conductor and Conduit Schedule.
- Add wire and cable per Conductor and Conduit Schedule.



- Add New 2" Conduit, Pullboxes and Signal Interconnect Cable (SIC) from Whittier Blvd./Hacienda Rd. to Whittier Blvd./Idaho St. Approx. 250' of conduit and 1,800' of SIC Cable.
- Add New Signal Interconnect Cable in existing conduit from Whittier Blvd./Hacienda Rd. to Whittier Blvd./N. Beach Blvd. Approx. 950'.
- Existing Traffic Signal Controller Cabinet will remain in place with no modifications.

**Original Price for Traffic Signals:**           **\$201,000.00**  
**Change Order Amount:**                   **\$38,334.00**  
**Total Traffic Signals:**                   **\$239,334.00**  
**Additional Working Days Requested:**   **10 Working Days**

If this proposal is acceptable, please provide a change order or written direction to proceed with this work. Should you have any questions or concerns, please do not hesitate to contact me at (909) 993-5470 ext. 232 or via email [elim@elecnor.com](mailto:elim@elecnor.com).

Sincerely,  
Elecnor Belco Electric, Inc.

Elisa Lim  
Project Manager



**Excel Paving Company**  
 P.O. Box 16405 | 2230 Lemon Ave.  
 Long Beach, CA 90806  
 P (562) 599-5841 | F (562) 591-7485  
 License No. 688659 | DIR 1000003331

**Request For Information 03**

To:	<u>City of La Habra</u>	Date:	<u>July 15, 2019</u>
Attention:	<u>Cesar Rangel</u>	Copies:	<u>1</u>
	<u>Project Manager</u>		
From:	<u>Wade Phillips</u>		
Contract:	<u>Whittier Blvd. &amp; Hacienda Rd. Intersection Impvmts.</u>		
Specification Number:	<u>2-TC-13</u>		
Subject:	<u>Signal Plan</u>		
Drawing References:	<u>Sheet 8 of 11</u>		
Section Detail References:	<u></u>		

**Clarification/Information Requested:** Requested By: **Elecnor Belco**

- Please confirm if Pole F is to relocate a 21TS or a 1A Pole.
  
- We are told Poles G and H are to be protected in place. Please confirm if equipment (luminaires and signal gears) is to be all new per the revised plans.

**Solution/Response:** Response By:

After a field meeting with the City and Caltrans on July 12th, the following is the response to RFI 03:

- Pole F is to relocate the existing 1A Pole.
- Poles G and H are to be protected in place, upgrades to these pole are not required

By: Joe Buckner (AndersonPenna)  
 Date: 07/17/19

N:\3300\2123341-2 - Whittier Blvd at Hacienda Road Intersection Improvements, La Habra\DWG\TRAFFIC SIGNAL\20140905 La Habra Signal 20140905 La Habra Signal Mod [1=20].dwg 09/14/15 - 2:27pm preop

POLE SCHEDULE												
No.	STANDARD			LUMINAIRE LED	I.I.S.N.S. LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS / CONCERNS		
	TYPE	HGT.	SIG. M.A.			VEHICLE	PED					
(A)	29-5-100	30'	50'	12'	ROADWAY3	Hacienda Rd	MAS	MAS	SV-1-T	SP-1-T	4	-
(B)	21TS	35'	-	12'	ROADWAY2	-	-	-	SV-2-TA	SP-1-T	6	-
(C)	19A-4-100	35'	30'	12'	ROADWAY2	Whittier Bl	-	MAS-4B	SV-1-T	-	6	-
(D)	21TS	35'	-	12'	ROADWAY3	-	-	-	SV-2-TA	SP-1-T	-	-
(E)	29-5-100	30'	50'	12'	ROADWAY3	Hacienda Rd	MAS	MAS	SV-1-T	SP-1-T	-	-
(F)	1-A (E)	10' (R)	-	-	-	-	-	-	TV-1-T	-	2	RELOCATE EXISTING 1-A
(G)	17-3-100 (E)	30'	20'	12'	ROADWAY2	Whittier Bl	-	MAS-4B	SV-1-T	SP-1-T	2	PROTECT EXISTING 17-3-300
(H)	21TS-1-A (E)	35'-10'	-	12'	ROADWAY2	-	-	-	SV-2-TA	SP-1-T	4	PROTECT EXISTING 1-A

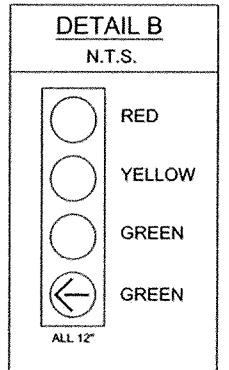
ALL EQUIPMENT IS NEW UNLESS OTHERWISE INDICATED (E) FOR EXISTING OR (R) FOR RELOCATE

NOTE: ALL EXISTING CONDUITS ARE TO BE ABANDONED AND PULL BOXES NOT IN USE ARE TO BE REMOVED AND SALVAGED.

**TRAFFIC SIGNAL CONSTRUCTION NOTES**

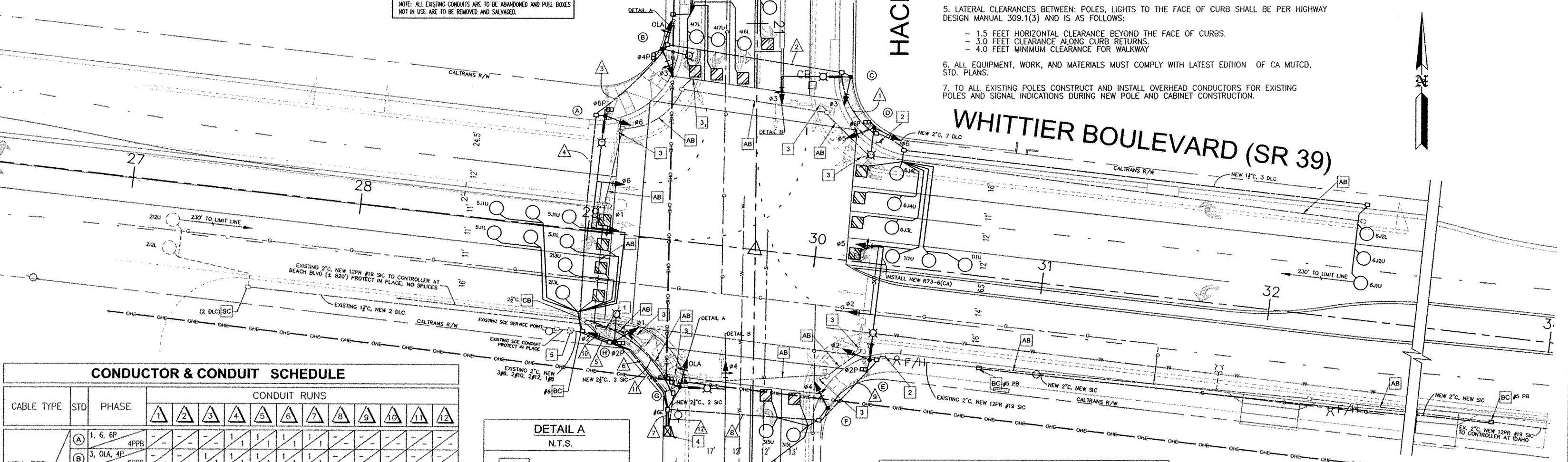
- REMOVE AND SALVAGE EXISTING CONTROLLER CABINET AND FOUNDATION COMPLETE.
- INSTALL PEDESTRIAN BARRICADE TYPE 1 WITH DOUBLE-SIDED R9-3 AND R49 (CA) SIGNS. PER CALTRANS STD PLAN DETAIL C ES-7Q.
- REMOVE AND SALVAGE EXISTING SIGNAL POLE AND ALL ATTACHED EQUIPMENT COMPLETE. REMOVE EXISTING FOUNDATION COMPLETE.
- FURNISH AND INSTALL TYPE 170E CONTROLLER IN A TYPE 332 CABINET ON TOP OF NEW FOUNDATION ALONG WITH BATTERY BACK-UP SYSTEM WHICH SHALL BE INSTALLED INTO AN EXTERNALLY MOUNTED CABINET. FURNISH AND INSTALL ALL OTHER APPURTANCES NECESSARY FOR INTENDED OPERATION.
- PROTECT EXISTING 120/240 TYPE III-BF METERED SERVICE EQUIPMENT ENCLOSURE METER CTD 07-55-39-0-22.66: 240V, 100A, 2P, MAIN CB  
120V, 50A, 1P SIGNALS CB (METERED)  
120V, 30A, 1P, SAFETY LTG CB (METERED)  
120V, XXX, 1P, IISNS  
120V, 15A, 1P, PEC

**PROTECT EXISTING CONTROLLER CABINET AND FOUNDATION IN PLACE**



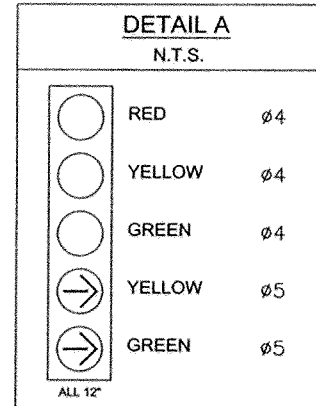
**GENERAL NOTES FOR THIS SHEET ONLY**

- ABANDON ALL EXISTING LOOPS/DLC AND INSTALL NEW.
- ALL PEDESTRIAN MOUNTING SHALL BE NEW COUNT DOWN PED HEADS, TYPE LED. **All PPB's shall be Type APS**
- ALL NEW PULL BOXES SHALL BE #6 UNLESS OTHERWISE NOTED.
- FOR I.I.S.N.S. FOLLOW CA MUTCD TABLE 2D-2 RECOMMENDED OVERHEAD STREET NAME SIGN LETTER HEIGHTS.
- LATERAL CLEARANCES BETWEEN: POLES, LIGHTS TO THE FACE OF CURB SHALL BE PER HIGHWAY DESIGN MANUAL 309.1(3) AND IS AS FOLLOWS:
  - 1.5 FEET HORIZONTAL CLEARANCE BEYOND THE FACE OF CURBS.
  - 3.0 FEET CLEARANCE ALONG CURB RETURNS.
  - 4.0 FEET MINIMUM CLEARANCE FOR WALKWAY
- ALL EQUIPMENT, WORK, AND MATERIALS MUST COMPLY WITH LATEST EDITION OF CA MUTCD, STD. PLANS.
- TO ALL EXISTING POLES CONSTRUCT AND INSTALL OVERHEAD CONDUCTORS FOR EXISTING POLES AND SIGNAL INDICATIONS DURING NEW POLE AND CABINET CONSTRUCTION.



**CONDUCTOR & CONDUIT SCHEDULE**

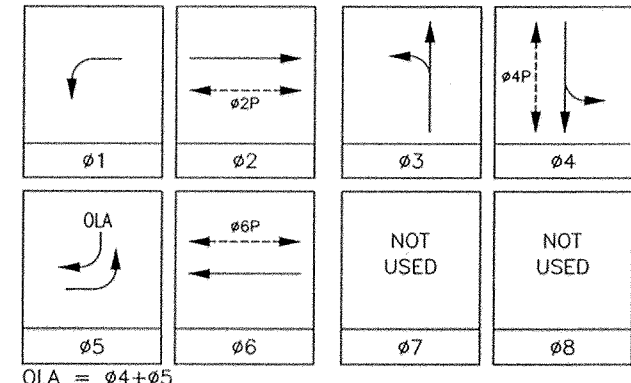
CABLE TYPE	STD	PHASE	CONDUIT RUNS																			
			1	2	3	4	5	6	7	8	9	10	11	12								
VEH-PED 12CSC	(A)	1, 6, 6P	4PPB	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(B)	3, 0LA, 4P	6PPB	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(C)	3	6PPB	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(D)	5, 6, 6P	6PPB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PPB 3CSC	(E)	2, 5, 2P	2PPB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(F)	4	2PPB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(G)	4, 0LA, 4P	2PPB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(H)	1, 2, 2P	4PPB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CABLES 12/3 CONDUCTORS				1	2	3	2	4	3	4	3	5	4	8	6	2	1	1	1	1	1	1
TYPE C DLC				7	7	11	11	17	17	17	2	-	-	-	-	-	-	-	-	-	-	-
#8 GROUND WIRE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
#12 IISNS				-	2	2	2	2	2	2	-	2	2	-	-	-	-	-	-	-	-	-
#10 LUMINAIRE				2	2	2	2	2	2	2	-	2	2	-	-	-	-	-	-	-	-	-
#6 SIGNAL SERVICE				-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3
CONDUIT SIZE				3"(N)	4"(N)	4"(N)	4"(N)	4"(N)	4"(N)	4"(N)	2-4"(N)	4"(N)	3"(N)	2"(N)	2"(N)	2"(N)	2"(N)	2"(N)	2"(N)	2"(N)	2"(N)	2"(N)
PERCENT FILL				15%	13%	21%	24%	27%	32%	22%	10%	14%	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%



OLA = Ø4+Ø5

CALTRANS ELECTRICAL  
RECEIVED BY: [Signature] APPROVED BY: [Signature]  
10/19/15 10/19/15

**PHASE DIAGRAM**



OLA = Ø4+Ø5

**UNDERGROUND STRUCTURES**  
ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED; THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

DRAWN BY: A.A.  
DESIGN BY: J.B.  
CHECKED BY: M.S.  
SCALE: 1"=20'

CITY OF LA HABRA  
**HACIENDA RD AND WHITTIER BLVD INTERSECTION IMPROVEMENTS**  
SIGNAL PLAN

RECOMMENDED BY: [Signature] APPROVED BY: [Signature]  
CITY ENGINEER CITY ENGINEER  
DATE: DATE

DWG No. \_\_\_\_\_  
SHEET 8 of 11

BENCH MARK: O.C.S. 2K-25-05 ELEV.= 365.48' NAVD88  
DESCRIBED BY OCS 2005 - FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "2K-25-05", SET IN THE NORTH-WESTERLY CORNER OF A CONCRETE LIGHT POLE FOOTING FOR A SINGLE LIGHT POLE. MONUMENT IS LOCATED IN THE SOUTHWESTERLY PORTION OF THE INTERSECTION OF BEACH BOULEVARD AND WHITTIER BOULEVARD, 33 FT. SOUTHERLY OF THE CENTERLINE OF WHITTIER AND 210 FT. WESTERLY OF THE CENTERLINE OF BEACH BOULEVARD. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

PREPARED BY:  
**ANDERSON PENNA PARTNERS**  
3737 BIRCH STREET, SUITE 250  
NEWPORT BEACH, CA 92660  
P: 949.428.1500 F: 949.258.5053

[Signature]  
T.R. NO. 2549 09/14/15 DATE

