City of Beaumont

550 E. 6th Street
Beaumont, CA 92223
(951) 769-8520
FAX (951) 769-8526
Email: cityhall@ci.beaumont.ca.us
www.ci.beaumont.ca.us

DATE: November 16, 2011

PROJECT: BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE

SUBJECT: ADDENDUM NO. 4 (Final)

TO ALL INTERESTED PARTIES:

Please note the following changes.

1. Revised Sheets 7 of 9 and 8 of 9 of File No. 1896 are herewith issued due to change in the number of proposed street lights.
2. Bidders' attention is directed to bid sheets Specs & Contracts Pages 10, 11 & 12 of 37. Item Number 13 is deleted on Page 10 of 37. Item 13 changed to Item Number 15 in Pages 11 & 12 of 37.

Attachment:

1. Revised Sheets 7 of 9 and 8 of 9 of File No. 1896
2. Specs & Contracts Pages 10, 11 & 12 of 37

_____NOTHING FOLLOWS_____

BROOKSIDE AVE. BRIDGE AND STREET IMPROVEMENT PROJECT
PLAN FILE NO. 1896 & 1902 *(ADDENDUM NO. 4)*
PROPOSAL

COMPANY NAME :_____ DATE :_____

ITEM NO.	ESTIMATED QUANTITY	UNIT	DESCRIPTION	ITEM PRICE	TOTAL
1	1	LS	MOBILIZATION	$	$
2	1	LS	TRAFFIC CONTROL	$	$
3	1	LS	DUST ABATEMENT AND WATER POLLUTION CONTROL	$	$
4	9,900	CY	ROADWAY EXCAVATION	$	$
5	3,200	TON	ASPHALT CONCRETE (0.40')	$	$
6	2,130	CY	AGGREGATE BASE CLASS II (0.50')	$	$
7	1	LS	CONSTRUCT 2-24' X 10' ARCH CROSSING. SEE PLAN & SPECS FOR DETAIL ~~(INCLUDES HEADWALL 2 FEET OUT)~~	$	$
8	30,230	SF	COLDPLANE (0.1' MIN.) EXISTING PAVEMENT & 0.15' AC/FEATHER OVERLAY	$	$
9	1	***	RETAINING WALL TOTAL PER PAGE 11 OF 37	$ ----------	$
10	465 ~~340~~	LF	CONSTRUCT METAL BEAM GUARD RAILING PER CALTRANS STD ~~A77A~~ A77A2	$	$
11	2550 ~~2450~~	LF	CONSTRUCT TYPE A-8 CURB AND GUTTER PER CITY STD. 201	$	$
12	75	LF	CONSTRUCT 6 " AC DIKE PER CITY STD. 212	$	$
~~13~~	~~8,390~~	~~SF~~	~~CONSTRUCT 10' WIDE P.C.C. SIDEWALK PER CITY STD. 401~~	$ ----------	$ ----------
14	95 ~~180~~	LF	INSTALL CONCRETE BARRIER TYPE 26A PER STD B 11-54 w/ B11-51 TUBULAR HAND RAILING	$	$
15	8,400	SF	CONSTRUCT 4" PCC SIDEWALK PER STD. 401	$	$
16	1,900	SF	CONSTRUCT PCC DRIVEWAY APPROACH PER STD. 207 & 207A	$	$
17	2,420	LF	INSTALL AC DIKE PER STD A87B TYPE E	$	$
18	1,300	SF	CONST. MODIFIED BUS TURN OUT PER STD 814	$	$
19	8	EA	ADJUST TO GRADE (SEWER MANHOLE)	$	$
20	1	EA	CONSTRUCT MODIFIED CURB OUTLET PER STD. 308 (REVERSE SLOPE)	$	$
21	1,800	SF	3-INCH AC PAVING OVER NATIVE	$	$
22	1	LS	THERMOPLASTIC PAVEMENT MARKINGS AND STREET SIGNAGE PER PLAN NO. 1896	$	$
23	7 ~~9~~	EA	STREET LIGHTING	$	$
28	95	LF	INSTALL MODIFIED CONC. BARRIER TYPE 26A PER STD B 11-54 w/ B11-51 TUBULAR HAND RAIL.	$	$
29	600	SF	INSTALL CONCRETE SCOUR WALL PER PLANS	$	$

BASE BID _____ $ _____

WORDS

FROM PAGE 11 of 37 ***OPTION 1*** $ _____

FROM PAGE 12 of 37 ***OPTION 2*** $

FROM PAGE 12 of 37 ***OPTION 3*** $ _____

TOTAL BID PRICE _____

WORDS _____ $ _____

RETAINING WALLS FOR BROOKSIDE AVENUE CULVERT
PLAN FILE NO. 1896 (ADDENDUM NO. 4)

DETAILED SHEET

ITEM NO	ESTIMATED QUANTITY	UNIT	RETAINING WALL DESCRIPTION	ITEM PRICE	TOTAL
~~RW-1~~	~~1,440~~	~~SF~~	~~24-FT. HIGH RET. WALL PER SPECIFICATIONS~~	$	$
RW-2	2880 ~~1200~~	SF	16 ~~20~~-FT. HIGH RET. WALL PER ~~SPECS~~ PLANS	$	$
RW-3	840 ~~960~~	SF	14 ~~16~~-FT. HIGH RET. WALL PER ~~SPECS~~ PLANS	$	$
RW-4	600 ~~720~~	SF	10 ~~12~~-FT. HIGH RET. WALL PER ~~SPECS~~ PLANS	$	$
RW-5	480	SF	8-FT. HIGH RET. WALL PER ~~SPECS~~ PLANS	$	$

RET. WALL _____ $ _____

COPY THIS FIGURE TO ITEM 9 PAGE 10 OF 37

BRIDGE AND STREET IMPROVEMENT PROJECT
PLAN FILE NO. 1809-A

PROPOSAL: OPTION 1

ITEM NO.	ESTIMATED QUANTITY	UNIT	OPTION 1 DESCRIPTION	ITEM PRICE	TOTAL
4	800	CY	ROADWAY EXCAVATION	$	$
5	550	TON	ASPHALT CONCRETE (0.38')	$	$
6	375	CY	AGGREGATE BASE CLASS II (0.50')	$	$
11	455	LF	CONSTRUCT TYPE A-8 CURB AND GUTTER PER CITY STD. 201	$	$
12	75	LF	CONSTRUCT 6 " AC DIKE PER CITY STD. 212	$	$
15 ~~13~~	2,800	SF	CONSTRUCT CONCRETE SIDEWALK PER CITY STD. 401	$	$
19	4	EA	ADJUST TO GRADE (SEWER MANHOLE)	$	$
20	1	EA	CONSTRUCT MODIFIED CURB OUTLET PER STD. 308 (REVERSE SLOPE) SEE DETAIL	$	$

OPTION 1 _____ $ _____

COPY THIS FIGURE TO OPTION 1 AT PAGE 10 OF 37

PROPOSAL: OPTION 2

ITEM NO.	ESTIMATED QUANTITY	UNIT	OPTION 2 DESCRIPTION	ITEM PRICE	TOTAL
26	1	LS	CONSTRUCT ACCESS ROAD PER ATTACHED SKETCH . C0NTRACTOR SHALL CONSTRUCT 3-INCH AC PAVING ON 90% COMPACTED NATIVE. CROSS-FALL SHALL BE 2% , ROAD GRADIENT SHALL BE 5% MAXIMUM. INCIDENTAL GRADING & COMPACTION INCLUDED IN LUMPSUM COST	$	$
27	1	LS	REMOVAL OF ITEM 26 INCLUDING DISPOSAL	$	$

OPTION 2 _____ **$** _____

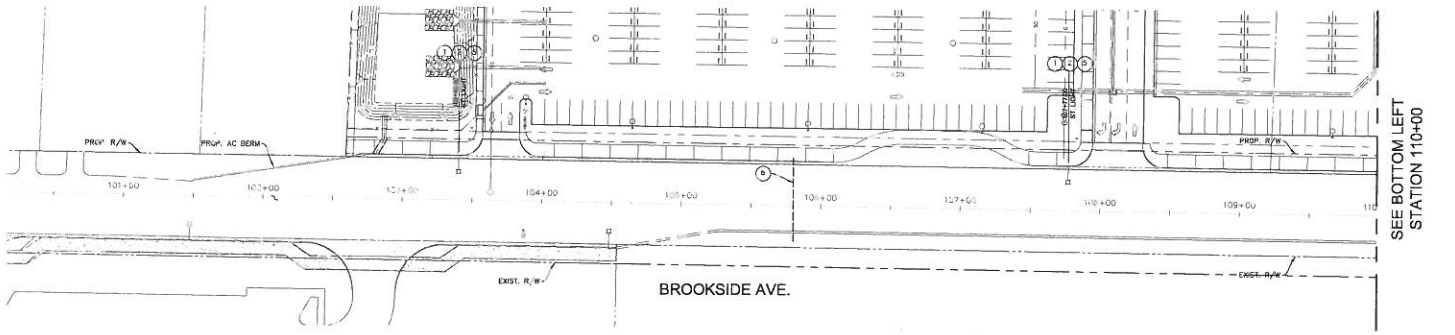
COPY THIS FIGURE TO OPTION 2 AT PAGE 10 OF 37

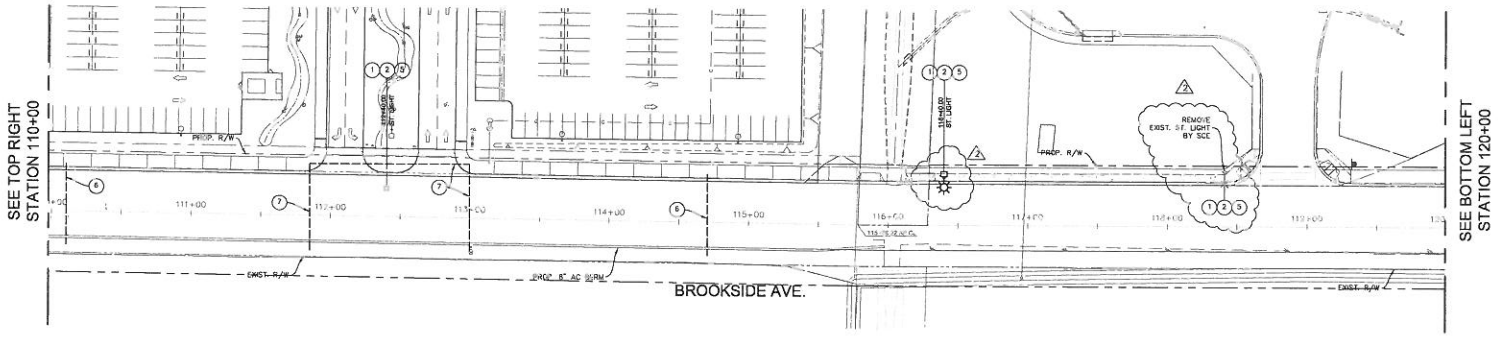
PROPOSAL: OPTION 3 (ADDENDUM NO. 4)

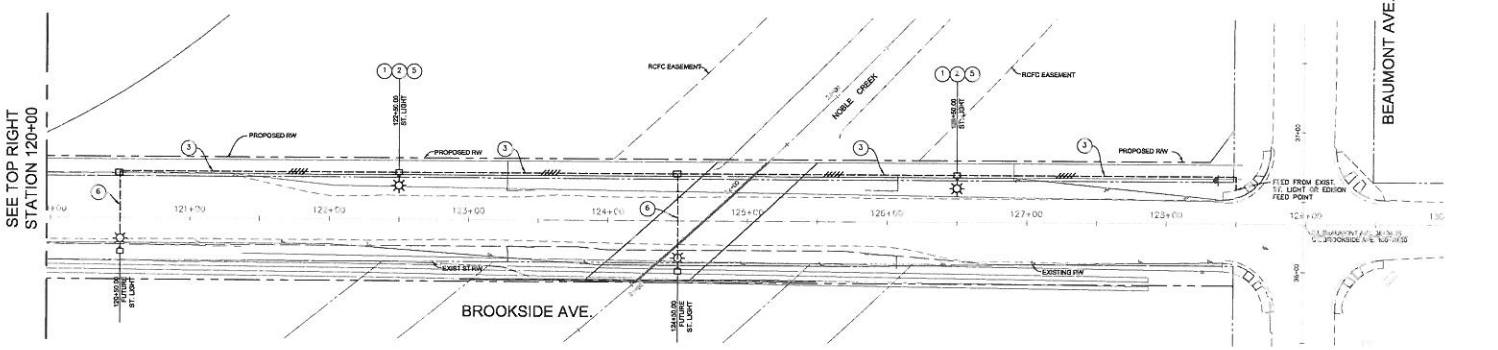
ITEM NO.	ESTIMATED QUANTITY	UNIT	OPTION 3 DESCRIPTION	ITEM PRICE	TOTAL
4	365	CY	ROADWAY EXCAVATION	$	$
5	150	TON	ASPHALT CONCRETE (0.38')	$	$
6	125	CY	AGGREGATE BASE CLASS II (0.50')	$	$
7	1	LS	CONSTRUCT 2-24' X 10' ARCH CROSSING. SEE PLAN & SPECS FOR DETAIL	$	$
11	100	LF	CONSTRUCT TYPE A-8 CURB AND GUTTER PER CITY STD. 201	$	$
15 ~~13~~	500	SF	CONSTRUCT CONCRETE SIDEWALK PER CITY STD. 401	$	$
14	95	LF	INSTALL CONCRETE BARRIER TYPE 26A PER STD B 11-54 w/ B11-51 TUBULAR HAND RAILING	$	$
20	1	EA	CONSTRUCT MODIFIED CURB OUTLET PER STD. 308 (REVERSE SLOPE) SEE DETAIL	$	$
22	1	LS	THERMOPLASTIC PAVEMENT MARKINGS AND STREET SIGNAGE PER PLAN NO. 1896 SHT 4 OF 9	$	$
28	***DEDUCT ITEM 28 FROM BASE BID***		INSTALL MODIFIED CONC. BARRIER TYPE 26A PER STD B 11-54 w/ B11-51 TUBULAR HAND RAIL.	$ ----------	$

OPTION 3 _____ **$** _____

COPY THIS FIGURE TO OPTION 3 AT PAGE 10 OF 37







CONSTRUCTION NOTES:

1. TYPE BC-1 ST. LIGHT POLE W/200 WATT W/ COBRA HEAD
2. 1" CONDUIT W/ 5-#8 THWN WIRE PER CITY STD.
3. 1" CONDUIT W/ #6 GREEN + 2#12 THWN WIRE PER CITY STD.
4. LOCATE EDISON FEEDING POINT AND PROVIDE METERING PEDESTAL
5. 11X17 PULL BOXES PER CITY STD.
6. 1" CONDUIT ~~FOR FUTURE~~ 1
7. 3" CONDUIT ~~FOR FUTURE~~

NOTE:
FOR GENERAL NOTES, QUANTITIES SEE SHEET 8

ADDENDUM NO. 4
11 /15 /11

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

The private engineer signing these plans is responsible for the accuracy and acceptability of the design hereon. In the event of discrepancies arising after city approval or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.

DATE	BY	MARK	REVISIONS	APPR.	DATE
		2	ADDED STREET LIGHT		
		1	DELETED "FOR FUTURE"		

ENGINEER
DESIGNED BY:
DRAWN BY: XXX
CHECKED BY:

RECOMMENDED FOR APPROVAL
DATE
CHECKED BY:
DATE

SEAL
WINDSOR MICHAEL JAMES PROFESSIONAL ENGINEER
POLICIANO M. YAMSOT
C 78306
CIVIL
STATE OF CALIFORNIA

APPROVED BY DATE
ADMINISTRATIVE ENGINEER

Urban Logic Consultants
43517 Ridge Park Drive, Suite 200
Temecula, California 92530
Tel.: (951) 676-1944 Fax (951) 676-2054

SCALE: 1" = 40'
DATE: 10-19-2011
BENCHMARK
SEE TITLE SHEET

CITY OF BEAUMONT
BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR.
STREET LIGHT PLAN

FOR
W.O.

SHEET NO. 7 OF 9 SHTS.
FILE NO. 1896

CITY STREET LIGHT GENERAL NOTES:-

1. ALL WORK AND MATERIAL INSTALLATIONS SHALL MEET THE CITY OF BEAUMONT'S STREET LIGHTING SPECIFICATIONS CHAPTER 8.50 AS APPROVED AT THE TIME OF PERMIT APPROVAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH THOSE SPECIFICATIONS.

2. ALL WORK SHALL BE DONE IN COMPLIANCE WITH LATEST EDITION OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, THE NATIONAL ELECTRICAL CODE, THE CALIFORNIA STATE SAFETY ORDERS AND ALL OTHER CODES, RULES AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. PARTICULAR ATTENTION IS DIRECTED TO SECTION 2 AND 307 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

3. ALL STREET LIGHT SYSTEMS SHALL BE METERED SYSTEMS AND SHALL BECOME, UPON ACCEPTANCE, THE SOLE PROPERTY OF THE CITY OF BEAUMONT.

4. MATERIALS SHALL BE RECOGNIZED BY THE UNDERWRITER'S LABORATORY, INC. AS HAVING SUITABLE CHARACTERISTICS WHEN PROPERLY FORMED AND TREATED, INCLUDING RIGID POLYVINYL CHLORIDE (SCHEDULE 40) FOR UNDERGROUND USE AND RIGID POLYVINYL CHLORIDE (SCHEDULE 80) FOR USE ABOVE GROUND AND PASSING UNDERWAY ROADWAYS. PVC CONDUIT SHALL BE GRAY IN COLOR.

5. CONDUIT OR DUCT PASSING UNDER ROADWAYS SHALL BE INSTALLED PRIOR TO PAVING OTHERWISE JACKING OR DRILLING METHODS SHALL BE EMPLOYED, UTILIZING GALVANIZED STEEL CONDUIT.

6. CONDUIT OR DUCT SHALL BE PLACED AT THE FOLLOWING DEPTHS BELOW GRADE: 18" WITHIN PARKWAY AND MEDIANS, BACK OF CURBS, AND OTHER CONCRETE SIDEWALKS 24" DEEP WHEN CROSSING STREETS AND/OR ALLEYS.

7. CONDUIT SHALL BE 1" DIAMETER MINIMUM. DETERMINATION OF CONDUIT SIZE (BASED ON NUMBER AND SIZE OF WIRES) SHALL BE ACCORDING TO CONDUIT AND WIRE TABLES OF THE NATIONAL ELECTRICAL CODE AND CALIFORNIA STATE SAFETY ORDERS.

8. CONDUCTORS SHALL MAINTAIN A VOLTAGE DROP NO GREATER THAN 5% OF THE SERVING VOLTAGE FOR HIGH PRESSURE SODIUM VAPOR LIGHTS. SPLICES SHALL ONLY BE MADE IN PULL BOXES, POLE BASES OR SERVICE PANELS, AND SHALL BE COVERED WITH ACCEPTABLE INSULATING MATERIAL EQUAL IN VALUE TO THAT OF THE CONDUCTORS. ALL TERMINATION ARE TO BE 3M BLUE WIRE NUTS. ALL TERMINATIONS/SPLICES REQUIRE EPOXY SEAL.

9. ELECTRICAL SERVICE SHALL BE PROVIDED AT LOCATIONS DESIGNATED JOINTLY BY THE CITY ENGINEER AND THE SERVING UTILITY. SERVICE SHALL BE 240 VOLT, SINGLE PHASE CITY OWNED, AND METERED. ALL STREET LIGHT INSTALLATIONS AND ELECTRICAL MATERIALS ARE SUBJECT TO AND APPROVAL OF THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVES

10. DURING ALL PHASES OF CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST 24 HOURS BEFORE ANY SCHEDULED PLAN TO POUR CONCRETE. THE CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR NOTIFYING THE CITY ENGINEER WHERE AND WHEN SUCH WORK IS IN READINESS FOR INSPECTION. SHOULD SUCH WORK BE COVERED UP WITHOUT INSPECTION AND APPROVAL, IT SHALL BE UNCOVERED, INSPECTED AND APPROVED, OR REDONE AT THE CONTRACTOR'S EXPENSE, AS THE CASE MAY BE.

SPECIAL NOTES

1. ALL LAMPS ARE LED, CLEAR WITH MOGUL BASE, WITH MINIMUM RATING OF 24,000 HRS.
2. ALL LUMINAIRES ARE FULL CUTOFF WITH 0 DEGREES OF LIGHT ABOVE 90 DEGREES.
3. ALL LUMINAIRES HAVE FLAT GLASS LENSES.
4. ALL LUMINAIRES HAVE QUAD TOP BALLAST AND TWIST LOCK PHOTO CELL SOCKETS.
5. TYPE C & D LUMINAIRES WILL GET TWIST LOCK PHOTO CELL ORIENTED TO THE NORTH OR AWAY FROM LIGHT SOURCES.
6. THE POLE TYPES ARE AMERON 1C4-31 OR 1C1-25 (MIX 12-AG).THE GRAFFITI COATING SHALL BE AMERISHIELD, FACTORY CERTIFIED AND APPLIED. THE ARM SHALL BE AMERON 1AZBB (8') ARM AND SCROLL, FACTORY PAINTED BLACK RAL 9017,
   THE TWIN ARM SHALL BE COMPARABLE BY AMERON.
7. THE FIXTURES SHALL BE SOUTH COAST LIGHTING, MISSION BELL SERIES ,FACTORY PAINTED RAL 9017, WITH PHOTOCELL ON THE TOP OF THE PLUMBIZER.
   (A) FOR ALL 100 WATT LED FIXTURES- SOUTHERN CALIFORNIA EDISION APPROVED.
   (B) FOR ALL 200 WATT LED FIXTURES- SOUTHERN CALIFORNIA EDISION APPROVED.
8. ALL PULL BOXES SHALL HAVE 6" OF ¾" ROCK FILL IN THE BOTTOM FOR DRAINAGE.
9. ALL POLES WILL HAVE AN ACCESS DOOR AT THE BASE TO FACILITATE WIRING.
10. ALL POLES WILL BE IDENTIFIED ON THE POLE LABEL WITH "BMT".

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE LATEST NATIONAL ELECTRICAL CODE.
2. ALL EQUIPMENT SHALL BE U.L. LISTED OR FM LISTED.
3. ALL CONDUITS, PULL BOXES POLES, LIGHTING FIXTURES, POLE BASES, WIRING TO POLES, MAIN WIRING, METER PEDESTAL AND FEEDING POINT, LAYOUT OF POLES, & LOCATION OF POLES MUST COMPLY WITH CITY OF BEAUMONT STREET LIGHTING SPECIFICATIONS SECTION 8.50.090.

LIGHTING TABLE

ITEM #	LED LAMP SPECS		LUMINAIRE FIXTURE SPECIFICATIONS			POLE SPECIFICATIONS				
	WATTS	LUMENS	MFR	STYLE	VOLTS	MFR	STYLE	HEIGHT	ARM	TYPE
1	200	–	STRESSCRETE GROUP	COBRA HEAD SERIES	240	STRESSCRETE GROUP	# P313	31'	8'	C-(200W)

GENERAL NOTE

ALL UTILITY COVERS TO BE VERIFIED, PROTECTED, AND COVER TO BE LOWERED OR RAISED TO FINISHED SURFACE.

CONSTRUCTION NOTES

SHEET #		UNIT	QNTY. TOTAL
1	TYPE BC-1 ST. LIGHT POLE W/200 WATT W/ COBRA HEAD	EA	7
2	1" CONDUIT W/ 5-#8 THWN WIRE PER CITY STD.	LF	2000
3	1" CONDUIT W/ #6 GREEN + 2#12 THWN WIRE PER CITY STD.	LF	230
4	LOCATE EDISON FEEDING POINT AND PROVIDE METERING PEDESTAL	EA	–
5	11X17 PULL BOXES PER CITY STD.	EA	4
6	1" CONDUIT ~~FOR FUTURE~~	LF	350
7	3" CONDUIT ~~FOR FUTURE~~	LF	250

LEGEND / SYMBOL

- LIGHT POLE PER CITY STANDARD.
- PULL BOX PER CITY STANDARD.
- 1" CONDUIT WITH 5-#8 THWN WIRES.
- 1" CONDUIT WITH #8 GREEN + 2-#12 THWN WIRES.
- METERING PEDESTAL PER CITY STANDARD (MP)

ADDENDUM NO.4
11/15/11

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TWO WORKING DAYS BEFORE YOU DIG

The prime engineer signing these plans is responsible for the accuracy and acceptability of the design hereon. In the event of discrepancies arising after city approval or during construction, the prime engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.

DATE	BY	MARK	REVISIONS	APPR.	DATE
		2	ADDED STREET LIGHT		
		1	DELETED "FOR FUTURE"		

ENGINEER — CITY
DESIGNED BY: DRAWN BY: XXX CHECKED BY:

RECOMMENDED FOR APPROVAL
DATE
CHECKED BY:
DATE

SEAL
REGISTERED PROFESSIONAL ENGINEER RICHARD M. FRANCIS C 28308 CIVIL STATE OF CALIFORNIA

APPROVED BY DATE
ADMINISTRATIVE ENGINEER

Urban Logic Consultants
43517 Ridge Park Drive, Suite 200
Temecula, California 92590
Tel: (951) 676-1044 Fax (951) 676-2054

SCALE: 1" = 40'
DATE: 10-19-2011
BENCHMARK
SEE TITLE SHEET

CITY OF BEAUMONT
BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR.
ELECTRICAL NOTES
FOR
W.O.

SHEET NO. 8 OF 9 SHTS.
FILE NO. 1896