



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: October 21, 2011

PROJECT: BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE

SUBJECT: ADDENDUM NO. 3

PART A: ANNOUNCEMENT

1. The bid opening date is moved to **November 22, 2011**.
2. The last day to submit plans and calculations for preapproval is **November 2, 2011**
3. Approval of submitted plans and calculations will be given as soon as possible and no later than November 11, 2011
4. The last day to submit questions is extended to **November 15, 2011**.
5. The project duration is reduced from 150 work days to **120 work days**.
6. The City is issuing **Plan File No. 1902** per Addendum No. 3.

PART B: ANSWERS TO QUESTIONS

Q 1: On page 38 of 60 in the Technical Specs., it states any removal of existing curbs, sidewalks, dirt, aggregate import, etc. should be included in those specific items. If that is the case, we would request quantities of those removals, as we do not see them on the plans. We also would request cross sections for any dirt excavation or fill.

A1: The Special Provisions (SP) remains the same. No quantities and no cross section will be provided.

Q2: Is Item Q1 above covered under roadway excavation item?

A2: No it is not.

Q 3: Can the roadway excavation material be used as fill over the proposed Culvert as long as the material meet the specifications for class II base i.e. (cold milled material)?

A3: Yes, as long as they meet or exceed Caltrans specifications.

Q4: Is utilizing a combination of General Liability and Umbrella Policy sufficient to meet the limit stated in the contract?

A4: Yes it is as long as they are both accepted by the California Insurance Commission.

Q5: Our carrier has an AM Best rating of A, IX. Is it acceptable to the City of Beaumont, or be rated A, XV or better?

A5: AM Best rating of A, IX is acceptable to the City.

Q6: Item No. 4 of Addendum No. 1 - Do you mean Preapproval submittal is required 10 work days before the first working day or do you expect bidders to provide a submittal before the bid opening?

A7: Detailed drawings and calculations signed by a California licensed engineer are required for the culvert and/ or retaining wall preapproval. The last day to submit for preapproval is October 28, 2011

Q8: Please provide details for the retaining walls, none are provided.

A8: Plan File Number 1902 show structural details of both arch culvert and retaining walls.

Q9: Where is the detail drawing of the retaining walls of the culvert? On sheet 9, the retaining wall looks like cmu walls.

A9: Sheet 9 of 9 is revised and now show reinforced concrete retaining walls. See Plan File No. 1902 for specifications and details.

Q10: After we submit the proposed arch culvert to you 10 days before bid date, when do we get a response back from you saying that the proposed culvert is approved? I need a few days to figure out the cost.

A10: See Part A Item 3.

PART C: INSTRUCTION

1. Bidders' attention is directed to Bidders Instructions 11.

PART D: ATTACHMENT

1. Plan File No. 1896, 1809-A, and Option 2. Please note all delta revisions.
2. Plan File No. 1902.
3. Pages 5 & 9 thru 22 of 37 inclusive of Specs and Contracts
4. Pages 39, 40, & 41 of 60 of Technical Specs & Special Provisions
5. Caltrans Std. B11-54 with Std. B11-51
6. Modified Caltrans Std. B11-54 with Std. B11-51

NOTHING FOLLOWS_____

10. Bonds. The City requires a 100% Payment Bond and 100% Performance Bond from the successful bidder. All Bonds must be on City's forms contained in the Contract Documents.

The bonds must be underwritten by a Surety Company, which is admitted to transact the business of insurance in the State of California, and which carries a rating in the current issue of Best's Insurance Guide of "A" or better with a financial size of at least "VIII". The bond forms included in the project documents shall be used. All signatures on the bonds shall be notarized. Bonds shall be provided with an executed Power of Attorney issued by the surety.

11. Bids. Bids are required for the entire work including all options ~~and alternate bid schedules, if applicable, unless otherwise explicitly allowed in the bid documents.~~ The amount of the bid for comparison purposes will be the total of all items. The total of unit basis items will be determined by extension of the item price bid on the basis of the estimated quantity set forth for the item.

The bidder shall set forth for each item of work in clearly legible figures, an item price and a total for the item in the respective spaces provided for this purpose. In the case of unit basis items, the amount set forth under the "Total" column shall be the extension of the item price bid on the basis of the estimated quantity for the item.

In case of discrepancy between the item price and the total set forth for the item, the item price shall prevail, provided, however, if the amount set forth as an item price is ambiguous, unintelligible or uncertain for any cause, or is omitted, or in the case of unit basis items, is the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail in accordance with the following:

- a. As to lump sum items, the amount set forth in the "Total" column shall be the item price.
- b. As to unit basis items, the amount set forth in the "Total" column shall be divided by the estimated quantity for the item and the price thus obtained shall be the item price.

The bidder is advised that the items of work may be grouped into bid schedules, and that certain bid items may be listed in more than one bid schedule or option, and with different bid item numbers, and the following shall apply thereto:

The bidder is directed to submit the same bid amount for all contract bid items that are listed with the same item ~~code~~ number and item description. Said bid items are referred to herein as "Like Bid Items".

"Like Bid Items" shall be considered a single bid item for purposes of calculating increased and decreased quantities, and as otherwise applicable in Section 4-1.03, "Changes" of the Standard Specifications.

The following are not subject to this bidding requirement:

1. Bid items with the same item ~~code~~ number but different item descriptions.
2. ~~Bid items that are measured as "lump sum" or "force account".~~
3. ~~Alternate bid schedules.~~

CONTRACTOR'S PROPOSAL

DATE: _____

TO: CITY OF BEAUMONT, hereafter called "City":

BIDDER: _____ (hereafter called "Contractor")

THE UNDERSIGNED, Contractor, having carefully examined the site and the Contract Documents for construction of **BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE Between Oak View Drive and Beaumont Avenue (File No. 1896 & 1902)** hereby proposes to construct the work in accordance with the Contract Documents, including Addenda Nos. _____ for the amount stated in this Proposal.

By submitting this Proposal, Contractor agrees with City:

1. That unless withdrawn in person by Contractor or some person authorized in writing by Contractor not by telephone or telegram before the time specified in the Notice Inviting Bids for the public opening of bids, this Proposal constitutes an irrevocable offer for 90 calendar days after that date.
2. City has the right to reject any or all Proposals and to waive any informality contained in a Proposal.
3. To execute the Agreement and deliver the Faithful Performance Bond, Payment Bond and Insurance Certificate with endorsements, which comply with the requirements set forth in the Instructions to Bidders and General Conditions, within ten (10) working days of the date of the Notice of Acceptance of Proposal and Intent to Award as issued by the City of Beaumont.
4. That the contract shall be awarded upon a resolution or minute order to that effect duly adopted by the governing body of City; and that execution of the Contract Documents shall constitute a written memorial thereof.
5. To submit to City such information as City may require to determine whether a particular Proposal is the lowest responsible bid submitted.
6. That the accompanying certified or cashier's check or Bid Bond is in an amount not less than 10% of the total bid submitted and constitutes a guarantee that if awarded the contract, Contractor will execute the Agreement and deliver the required bonds within ten (10) days after notice of award. If Contractor fails to execute and deliver said documents, the check or bond is to be charged with the costs of the resultant damages to City, including but not limited to publication costs, the difference in money between the amount bid and the amount in excess of the bid which it costs City to do or cause to be done the work involved, lease and rental costs, additional salaries and overhead, increased interest and costs of funding the project, attorney expense, additional engineering and architectural expense and cost of maintaining or constructing alternate facilities occasioned by the failure to execute and deliver said documents.
7. By signing this proposal the Contractor certifies that the representations made therein are made under penalty of perjury.

BROOKSIDE AVE. BRIDGE AND STREET IMPROVEMENT PROJECT

PLAN FILE NO. 1896 (ADDENDUM NO. 3)

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	95 480	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	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	\$	\$

**BASIE
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. 3)

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					

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	\$ _____	\$ _____
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. CONTRACTOR 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. 3)

ITEM NO.	ESTIMATED QUANTITY	UNIT	OPTION 1 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	\$	\$
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	<i>DEDUCT ITEM 28 FROM BASE BID</i>		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					

BIDDER DATA:

Name of Bidder _____

Type of Organization _____

Person(s) Authorized to Sign for Bidder _____

Address _____

Phone _____

Contractor's License Type & Number _____

Expiration Date _____

DESIGNATION OF SUBCONTRACTORS: Contractor submits the following complete list of each subcontractor who will perform work or labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid.

<u>ITEM</u>	<u>SUBCONTRACTOR</u>	<u>ADDRESS</u>	<u>LICENSE NO.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Percent of work to be performed by sub-contractors: ___%
(Note: 50% of the work required to be performed by general contractor)

IN WITNESS WHERE OF Contractor executes this Bid as of the date set forth on Page 1 of this bid.

TITLE _____
"Contractor"

AFFIDAVIT FOR INDIVIDUAL CONTRACTORS

_____ declares as follows:

That he or she is the party making the foregoing proposal or bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the City of Beaumont or anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare, under penalty of perjury, that the foregoing is true and correct.

Dated this _____ (day) of _____ (month), _____ (year) at _____, California

Signature of affiant: _____

Note: Notarization of signature required

AFFIDAVIT FOR JOINT VENTURE OR PARTNERSHIP CONTRACTOR

_____ declares as follows:

That he or she is a member of the joint venture or partnership firm designated as _____ which is the party making the foregoing proposal or bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the City of Beaumont or anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository or to any member or agent thereof to effectuate a collusive or sham bid.

That he has been and is duly vested with authority to make and sign instruments for the joint venture or partnership by _____ who constitute the other members of the joint venture or partnership.

I declare, under penalty of perjury, that the foregoing is true and correct.

**Dated this _____ (day) of _____ (month), _____ (year)
at _____, California**

Signature of affiant: _____

Note: Notarization of signature required

AFFIDAVIT FOR CORPORATE CONTRACTOR

_____ declares as follows:

That he or she is _____ of

_____ a corporation which is the party making the foregoing proposal or bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the City of Beaumont or anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare, under penalty of perjury, that the foregoing is true and correct.

**Dated this _____ (day) of _____ (month), _____ (year)
at _____, California**

Signature of affiant: _____

Note: Notarization of signature required

BID BOND

Recitals:

_____ "Contractor", has submitted his Contractor's Proposal to City of Beaumont, "City", for the construction of public work for

1. **BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE Between Oak View Drive and Beaumont Avenue (File No. 1896 & 1902)** in accordance with a Notice Inviting Bids of City dated _____.

2. _____ a _____ corporation, hereafter called "Surety", is the surety of this Bond.

Agreement:

We, Contractor as principal and Surety as surety, jointly and severally agree and state as follows:

1. The amount of the obligation of this bond is 10% of the amount of the Contractor's Proposal, including bid alternates, and inures to the benefit of City.
2. This Bond is exonerated by (1) City rejecting said Proposal or, in the alternate, (2) if said Proposal is accepted, Contractor executes the Agreement and furnishes the Bonds as agreed to in its Proposal, otherwise it remains in full force and effect for the recovery of loss, damage and expense of City resulting from failure of Contractor to act as agreed to in its Proposal. Some types of possible loss, damage and expense are specified in the Contractor's Proposal.
3. Surety, for value received, stipulates and agrees that its obligations hereunder shall in no way be impaired or affected by any extension of time within which City may accept the Proposal and waives notice of any such extension.
4. This Bond is binding on our heirs, executors, administrators, successors and assigns.

Dated: _____

By _____
Title: Attorney in Fact
"Surety"

By _____
Title: _____
"Contractor"

STATE OF CALIFORNIA
COUNTY OF _____

} ss. SURETY'S ACKNOWLEDGEMENT

On _____ before me, _____ personally appeared, _____, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacities, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Notary Public (Seal)

Note: All signatures must be notarized

AGREEMENT

THIS AGREEMENT is entered into at Beaumont, California as of the date set forth below is between City of Beaumont hereafter called "City" and _____ hereafter called "Contractor".

W I T N E S S E T H

RECITALS:

1. Contractor has submitted to City his Contractor's Proposal for the construction of City Project **BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE Between Oak View Drive and Beaumont Avenue (File No. 1896 & 1902)** in strict accordance with the Contract Documents identified below and City has accepted said Proposal.
2. Contractor states that he has reexamined his Contractor's Proposal and found it to be correct, has ascertained that his subcontractors are properly licensed and possess the requisite skill and forces, has reexamined the site and Contract Documents and is of the opinion that he can presently do the work in accordance with the Contract Documents for the money set forth in his Proposal to be paid as provided in the Contract Documents.

AGREEMENT:

IT IS AGREED BY THE PARTIES AS FOLLOWS:

3. Contract Documents. The entire contract consists of the following:
 - (a) The Agreement,
 - (b) The Notice Inviting Bids,
 - (c) The Instruction to Bidders,
 - (d) The Contractor's Proposal,
 - (e) The Bid Bond,
 - (f) The Payment Bond,
 - (g) The Performance Bond,
 - (h) The General Conditions,
 - (i) The Special Provisions,
 - (j) The Standard Specifications of the State of California Department of Transportation edition of May 2006 as modified in other portions of the Contract Documents,
 - (k) The Standard Plans of the Department of Transportation identified on the plans or in the Special Provisions,
 - (l) The Plans, **File Number 1896, 1902 and 1809-A**
 - (m) Addenda No. _____,
 - (n) The Determination of Prevailing Wage Rates for Public Work,
 - (o) Any Change Orders issued, and
 - (p) Any additional or supplemental specifications, notice, instructions and drawings issued in accordance with the provisions of the Contract Documents.

All of said Documents presently in existence are herein incorporated by reference with like effect as if here set forth in full and upon the proper issuance of other documents they shall likewise be deemed incorporated.

The Bid Bond is exonerated upon execution of this Agreement and the Payment Bond and Faithful Performance Bond.

4. The Work. Contractor shall do all things necessary to construct the work generally described in Recital No. 1 in accordance with the Contract Documents.
5. Liquidated Damages and Time of Completion. Attention is directed to the provisions in Section 8-1.06, "Time of Completion", and in Section 8-1.07, "Liquidated Damages", of the Standard Specifications and these Special Provisions.

The Contractor shall begin work within 10 days of the date stated within the written "Notice to Proceed." Contractor shall complete this project within **one hundred fifty (150) twenty (120) working days.**

The Contractor shall notify the Engineer, in writing, of his intent to begin work at least 72 hours before work is begun. The notice shall be delivered to the Public Works Department's Construction Manager and shall specify the date the Contractor intends to start. If the project has more than one location of work, a separate notice shall be given for each location.

Should the Contractor begin work in advance of receiving a written "Notice to Proceed", any work performed by him in advance of the date stated in the "Notice to Proceed" shall be considered as having been done by him at his own risk and as a volunteer and subject to the following:

- (a) The Contractor shall, on commencing operations, take all precautions required for public safety and shall observe all the provisions in the Specifications and the Special Provisions.
 - (b) All work done according to the contract prior to the issuance of the "Notice to Proceed", will be considered authorized work and will be paid for as provided in the contract.
 - (c) The Contractor shall not be entitled to any additional compensation or an extension of time for any delay, hindrance or interference caused by or attributable to commencement of work prior to the issuance of the "Notice to Proceed".
6. Compensation. Contractor shall be paid in the manner set forth in the Contract Documents the amount of his Proposal as accepted by City, the above rates, subject to additions and deductions as provided in the Contract Documents. Said Proposal is on file in the Office of the City Clerk of the City of Beaumont.
 7. **CONTRACTOR'S RESPONSIBILITIES FOR REMOVAL, RELOCATION AND PROTECTION OF PUBLIC UTILITIES.** Because existing main or trunkline utility facilities at the construction site have been identified in the plans and specifications which are a part of the invitation for bids, contractor is contractually and financially responsible and liable for the timely removal, relocation and protection of the existing main or trunkline utility facilities and contractor is further responsible and liable for the coordination of such removal, relocation and protection of the existing main or trunkline utility facilities with the utility or utilities owning or operating such main or trunkline utility facilities.

Because the location of the existing utility service laterals and appurtenances can be inferred from the presence of other visible facilities, such as buildings, meter and junction boxes on or adjacent to the public works construction site, contractor is contractually and financially responsible and liable for the timely removal, relocation and protection of such utility service laterals and appurtenances and contractor is further responsible and liable for the coordination of such timely removal, relocation and

protection of such utility service laterals and appurtenances with the owner and/or operator of such utility service laterals and appurtenances.

The City shall not be responsible or liable for any delay or costs associated with the removal, relocation and protection of any main or trunkline utility facilities or any utility service laterals and appurtenances.

8. **CONTRACTOR'S RESPONSIBILITIES FOR WASTEWATER AND STORMWATER RUNOFF PREVENTION AND MITIGATION:**

Contractor shall be solely responsible for the prevention of, and mitigation against, wastewater and stormwater runoff from the construction site which is the subject matter of this Agreement. Contractor shall ensure that no wastewater and stormwater runoff flows are released or escape from the construction site. Any wastewater and stormwater runoff that accumulates at the construction site shall be contained by the Contractor at the site, and, if necessary, shall be disposed of by the Contractor in accordance with all applicable laws governing the discharge and disposal of wastewater and stormwater runoff. To the extent that any such flows do escape or are released from the construction site Contractor shall be responsible and liable for all claims, lawsuits, damages, fines and penalties that may be sought or assessed against the City or the Contractor and the Contractor shall indemnify and hold harmless the City from any and all such damages, fines, penalties and attorneys' fees that may be assessed or incurred by the City in connection with such wastewater and stormwater runoff flows.

IN WITNESS WHEREOF the parties hereto have executed this agreement as of the date set forth below.

CITY OF BEAUMONT

CONTRACTOR

BY _____
City Mayor

BY _____

Dated _____

TITLE: _____
(If Corporation, Affix Seal)

ATTEST:

ATTEST:

City Clerk

BY _____
Deputy

TITLE: _____

"City"
(Seal)

"Corporation"
(Seal)

PERFORMANCE BOND

Recitals:

1. _____ (Contractor) intend to enter into an Agreement with CITY OF BEAUMONT (City) for construction of public work known as **BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE Between Oak View Drive and Beaumont Avenue (File No. 1896 & 1902)**
2. _____, a _____ corporation (Surety), is the Surety under this Bond.

Agreement:

We, Contractor, as Principal, and Surety, as Surety, jointly and severally agree, state, and are bound unto City, as obligee, as follows:

1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of \$ _____ and inures to the benefit of City.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for the Project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of City resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of _____.

By _____

By _____

By _____

Type Name _____

Its Attorney in Fact
"Surety"

Title _____

"Contractor"

(Corporate Seal)

(Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

PAYMENT BOND
(Public Work - Civil Code 3247 et seq.)

The makers of this Bond are _____, as Principal and Original Contractor and _____, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and CITY OF BEAUMONT a public entity, as Owner, for \$_____, the total amount payable. **THE AMOUNT OF THIS BOND IS ONE HUNDRED PERCENT OF SAID SUM.** Said contract is for public work generally consisting of **BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE between Oak View Drive and Beaumont Avenue (File No. 1896 & 1902).** The beneficiaries of this Bond are as is stated in 3248 of the Civil Code and requirements and conditions of this Bond are as is set forth in 3248, 3249, 3250 and 3252 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

DATED: _____

Original Contractor - Principal

Surety

By _____

By _____
Its Attorney In Fact

Title _____

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF CALIFORNIA
CITY OF _____

} ss. SURETY'S ACKNOWLEDGEMENT

On _____ before me, _____ personally appeared, _____, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacities, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Note: All signatures must be notarized

Notary Public (Seal)

**BRIDGE and STREET IMPROVEMENT along BROOKSIDE AVENUE
Between Oak View Drive and Beaumont Avenue (File No. 1896)**

These Special Provisions issued per ADDENDUM NO. 3 are intended to replace "CAST-IN-PLACE, PRECAST THREE-SIDED ARCH BRIDGE SYSTEM, MULTI PLATE ARCH SYSTEM and RETAINING WALLS" starting on Page 39 of 60 and "CONSTRUCT RETAINING WALL PER DETAILS" on Page 41 of 60.

COMPOSITE SYSTEM of PREFABRICATED and CAST-IN-PLACE ARCH CULVERT and RETAINING WALLS

The City supports and encourages competition and does not endorse any product, manufacturer, distributor, or contractor. All ~~"approved equivalents" will be reviewed by the City as long as pre-approval prior to bidding is granted by the City. Pre-approval requests shall be submitted to the City at least 10 working days prior to bid opening.~~

~~ALLOWANCE OF \$5,000 SHALL BE INCLUDED FOR INITIAL ENGINEERING DESIGN.~~

Specific provisions for the construction of Cast-In-Place Concrete Arches, Precast Three-Sided Arch Bridge System and Multi Plate System are contained in the section titled "Specification for Cast-In-Place Concrete Arches," "Precast Three-Sided Arch Bridge System," and "Multi Plate System" If there is any conflict or inconsistency with any of the ENGINEERING AND CONSTRUCTION provisions herein, provisions therein will prevail. HOWEVER, provisions regarding measurement and payment shall be based from this Special Provisions. ~~Bidders shall submit materials and technical specifications with conceptual drawings and preliminary engineering drawings in conformance with Sheet 9 of the drawings for City approval one week before bid submittal.~~

Details of the proposed Composite Concrete Arch Bridge and Reinforced Concrete Retaining Walls are shown on the plans. Bidders are required to base their bid from drawings.

COMPOSITE CONCRETE ARCH BRIDGE CULVERT SYSTEM:

Contractor shall construct a concrete arch bridge culvert per details shown on the plans, specifications and special provisions.

For measurement and payment purposes, included with the arch-culvert LUMP SUM payment are **excavation and** earth backfill measured from exterior face of exterior walls and from top of culvert. Payment also includes construction of headwalls and footings. No additional payment will be allowed therefore. Excavation/Backfill will be paid as Roadway Excavation/Earthwork and no distinction is made for structural fill or backfill. Relative compaction shall be at 95% at optimum moisture content.

In the alternative, Bidders may choose to propose different materials. In which case, said bidders must submit **DETAILED PLANS and CALCULATIONS** signed by a California licensed engineer for City approval by close of business day on **November 2, 2011**. The City will evaluate all submittals to determine compliance with plans and specifications. If approval is given by the City to a product vendor or manufacturer, any bidder who attended the mandatory pre-bid meeting may use such approved product in his/her bid.

ALTERNATIVES Contractor has a choice of using A, B, or C for Pay Item 7.

A. CAST – IN – PLACE: Contractor shall construct (2) 20'x10' arch culvert per details and specifications. ARCH CULVERT payment shall be lump sum and shall include supply and installation of the reinforced arch, the scour depth concrete pedestal, foundation, curing, waterproofing, structural excavation and backfill, soil compaction, drain installation and all other related work. Cost of head walls is included in the arch culvert line item. Contractor must be a qualified contractor and shall have a minimum 5 years of experience constructing cast-in-place arches. The contractor must have completed comparable sized arches and verifiable in the last 5 years. Shotcrete must be free of excessive voids, sand pockets, incomplete embedment, and cores not meeting the requirements of ACI 506.3r-91.

OR

B. MULTI PLATE METAL ARCH:

Contractor shall construct (2) 20' x 10' arch culvert per details and specifications. If Contractor chooses to use metal plates, the clear opening should be equivalent to the 20 x 10 arch-structure as shown and with same or better hydraulic efficiency and structural integrity and lifespan. Payment shall be lump sum and shall include supply and installation of the metal plates, foundation, curing, structural excavation and backfill, soil compaction, drain installation and all other related work. Cost of head walls is included in the arch culvert pay item. Contractor must have at least 5 years of experience in the field.

OR

C. PRECAST THREE-SIDED ARCH:

Contractor shall construct (2) 20' x 10' arch culvert per details and specifications. If contractor proposes to use prefabricated concrete arches, the clear opening should be equivalent to the 20 x 10 arch-structure as shown and with same or better hydraulic efficiency and structural integrity and lifespan. Payment shall be lump sum and shall include supply and installation of prefabricated concrete arches, **wall and** foundation, curing, structural excavation and backfill, soil compaction, drain installation and all other related work. Cost of head walls is included in the arch culvert pay item. Contractor must have at least 5 years of experience in the field.

For measurement and payment purposes, included with the arch-culvert lump sum payment is earth backfill measured two feet from exterior face of exterior walls and two feet from top of culvert and construction of footings. No additional payment will be allowed therefore.

Excavation/Backfill will be paid as Roadway Excavation/Earthwork and no distinction is made for structural fill or backfill Payment also includes construction of headwalls and footings. Relative compaction shall be at 95% at optimum moisture content

CONSTRUCT RETAINING WALL PER DETAILS:

Contractor shall construct reinforced concrete Retaining Walls (RW) as shown on the plans using 4000 PSI concrete. RW shall be plumbed, have plane smooth finish and shall have even joints. RW2 shall be constructed flushed with the edge of the arch and shall have a smooth joints and finish.

Payment of retaining walls shall be per SQUARE FEET and are measured from top of footing and two outer edges. Payment shall include excavation, backfill, footing, compaction, supply and installation of rebar and concrete, formworks installation and removal, curing, ~~waterproofing~~ drainage and all necessary works to construct structurally sound retaining walls. Backfill of retaining

walls shall not begin until the structure has attained 75% of its ultimate compressive strength. In addition, ~~ALL RETAINING WALLS shall have cantilever footings due to right of way restrictions.~~

CONSTRUCT CONCRETE SCOUR WALL:

Contractor shall construct concrete scour wall as shown on the plans. Thickness shall be 12 inches and shall have ½ diameter reinforcement at 12-inch spacing each way.

Payment shall be per SQUARE FEET of installed wall and shall include excavation, backfill, compaction, forming, form removal, rebar placing, supply of all labor and materials, and equipment necessary.

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 MUGIL 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 104-31 OR 101-25 (MAX 12-AG).THE GRAFTITI COATING SHALL BE AMERISHIELD, FACTORY CERTIFIED AND APPLIED. THE ARM SHALL BE AMERON 14ZB8 (8") ARM AND SCROLL, FACTORY PAINTED BLACK RAL 9017.
7. THE TWIN ARM SHALL BE COMPARABLE BY AMERON. 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 EDISON APPROVED.
(B) FOR ALL 200 WATT LED FIXTURES- SOUTHERN CALIFORNIA EDISON APPROVED.
8. ALL PULL BOXES SHALL HAVE 6" OF 3/4" 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.

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

LIGHTING TABLE

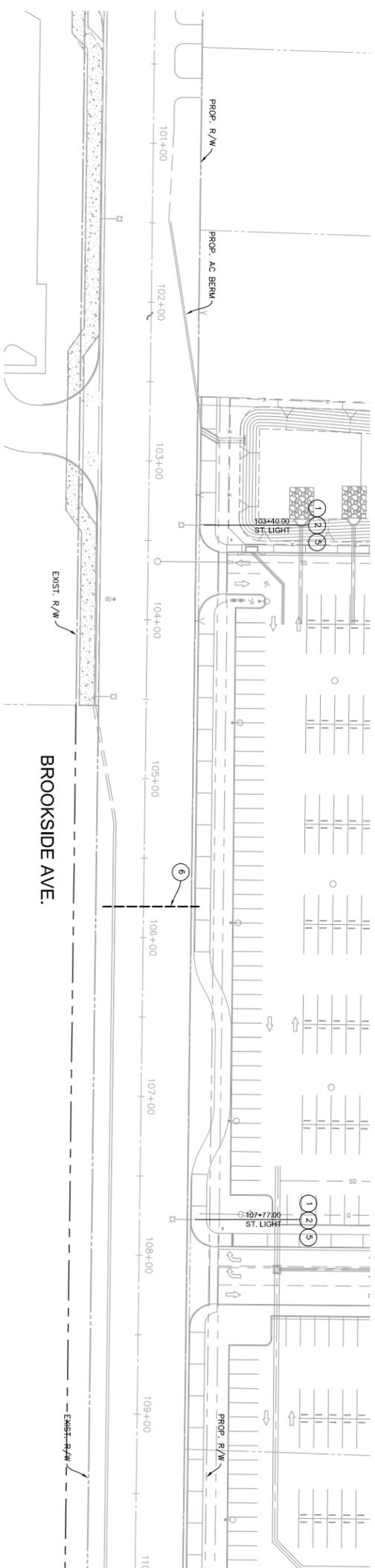
CONSTRUCTION NOTES		SHEET #	UNIT	TOTAL
①	TYPE BC-1 ST. LIGHT POLE W/200 WATT W/ COBRA HEAD		EA	5
②	1" CONDUIT W/ 5-#8 THWN WIRE PER CITY STD.		LF	2000
③	1" CONDUIT W/ #6 GREEN + 2#12 THWN WIRE PER CITY STD.		LF	230
④	LOCATE EDISON FEEDING POINT AND PROVIDE METERING PEDESTAL		EA	-
⑤	11X17 PULL BOXES PER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

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

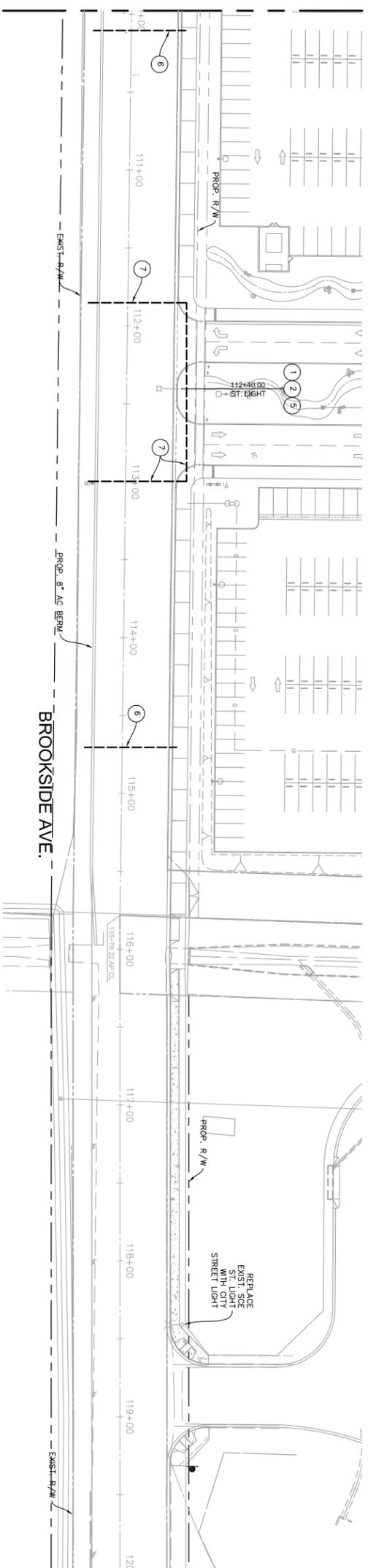
LEGEND / SYMBOL	
	LIGHT POLE PER CITY STANDARD.
	PULL BOX PER CITY STANDARD.
	1" CONDUIT WITH 5-#8 THWN WIRES.
	1" CONDUIT WITH #6 GREEN + 2-#12 THWN WIRES.
	METERING PEDESTAL PER CITY STANDARD (MP)

ADDENDUM NO. 3
10/19/11

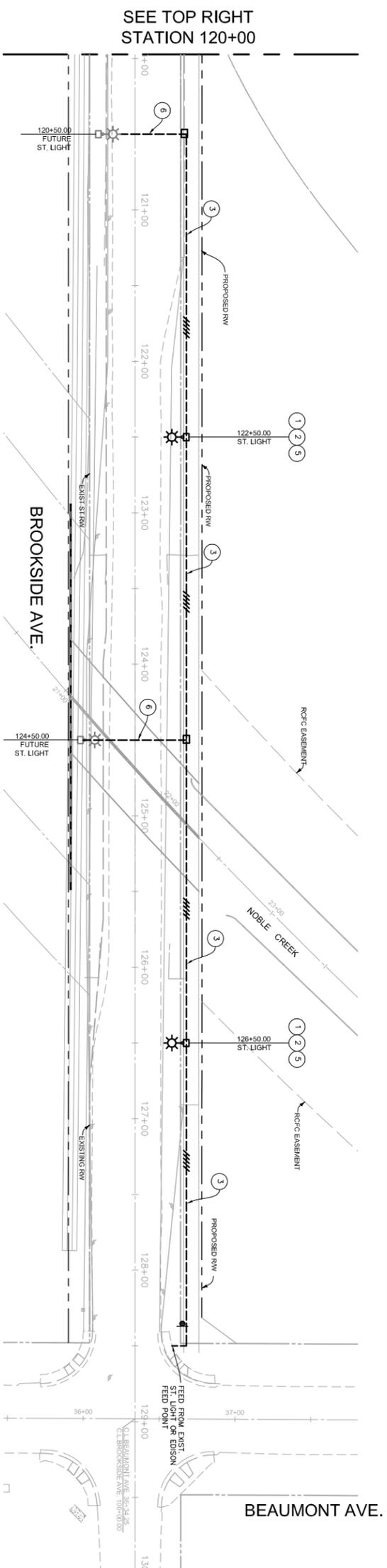
 Underground Service Alert Coll: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG	DESIGNED BY:	DATE:	APPROVAL:	RECOMMENDED FOR APPROVAL:	SEAL	APPROVED BY:	DATE:	SCALE: 1" = 40'	 Urban Logic Consultants 48817 Ridge Park Drive, Suite 200 Tennessee, California 92590 Tel: (951) 676-1944 Fax (951) 676-2024	FOR	SHEET NO.
	ENGINEER DELETED "FOR FUTURE" REVISIONS DRAWN BY: XXX CHECKED BY:	DATE: ENGINEER: CHECKED BY:	DATE: CITY:	DATE: CITY:	DATE: CITY:		ADMINISTRATIVE ENGINEER DATE: 10-19-2011 BENCHMARK SEE TITLE SHEET	BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR. ELECTRICAL NOTES		OF 9 SHEETS. FILE NO. 1896	



SEE BOTTOM LEFT STATION 110+00



SEE BOTTOM LEFT STATION 120+00

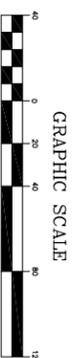


SEE TOP RIGHT STATION 120+00

- 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#2 THWN WIRE PER CITY STD.
 - 4 LOCATE EDISON FEEDING POINT AND PROVIDE METERING PEDESTAL
 - 5 1X17 PULL BOXES PER CITY STD.
 - 6 1" CONDUIT ~~FOR FUTURE~~
 - 7 3" CONDUIT ~~FOR FUTURE~~

NOTE:
FOR GENERAL NOTES, QUANTITIES SEE SHEET 8

ADDENDUM NO. 3
10/19/11



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 of the information shown. The engineer shall be responsible for determining the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.

DESIGNED BY:	DATE:	RECOMMENDED FOR APPROVAL:	SEAL:	APPROVED BY:	DATE:	FOR:
ENGINEER:	DESIGNED BY:	APPROVAL:	REGISTERED PROFESSIONAL ENGINEER PUNJIND M. MANDI C 78308 STATE OF CALIFORNIA	ADMINISTRATIVE ENGINEER:	DATE:	FOR:
DELETED "FOR FUTURE"	REVISIONS:	CHECKED BY:		SCALE: 1" = 40'	DATE: 10-19-2011	FOR:
DRAWN BY: XXX	CHECKED BY:	DATE:		BENCHMARK	SEE TITLE SHEET	FOR:
				Urban Logic Consultants 48517 Ridge Park Drive, Suite 200 Tennessee, California 92590 Tel: (951) 676-1944 Fax: (951) 676-2024		
				CITY OF BEAUMONT		
				BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR.		
				STREET LIGHT PLAN		
				SHEET NO. 7		
				OF 9 SHTS.		
				FILE NO. 1896		

STREET CONSTRUCTION NOTES:

- 1 CONSTRUCT 4.5" A.C. OVER 6" COMPACTED AGGREGATE BASE CL II (TO BE VERIFIED WITH SOIL ENGINEER AFTER B-WALE TESTING)
- 2 CONSTRUCT CURB AND GUTTER TYPE "A-6" PER R.C.T.D. STD. NO. 201
- 3 CONSTRUCT 8" TYPE "D" CURB PER R.C.T.D. STD. NO. 204
- 4 CONSTRUCT 4" P.C.C. SIDEWALK PER R.C.T.D. STD. NO. 401 (BY OTHERS)
- 5 CONSTRUCT CONCRETE PAVEMENT APPROACH PER R.C.T.D. STD. NO. 207A (WIDTH NOTED ON PLAN)
- 6 SAW CUT EXISTING PAVEMENT PER DETAIL HERE ON
- 7 COLUPANE (2" WDG) AND OVERLAY EXISTING PAVEMENT PER DETAIL 'X'
- 8 REMOVE AND RELOCATE
- 9 INSTALL ASPHALT DIKE PER STD. A878 TYPE 'E'
- 10 CONSTRUCT DRIVEWAY APPROACH WITH SIDEWALK AT CURB PER COUNTY OF RIVERSIDE STD. NO. 207
- 11 RELOCATE BY OTHERS
- 12 PROTECT EXISTING UTILITIES
- 13 CALL FOR EXISTING UTILITIES
- 14 CONSTRUCT CONCRETE BARRIER TYPE 26A PER CALTRANS STD. B11-54
- 15 CONSTRUCT 2'-24"X10' CAS-IN-PLACE CONC./METAL ARCH CULVERT PER DETAIL
- 16 CONSTRUCT R.C. RETAINING WALL PER DETAIL
- 17 CONSTRUCT MODIFIED BUS TURNOUT PER CITY OF BEAUMONT STD. PLAN 814
- 18 ADJUST TO GRADE
- 19 INSTALL 6" MODIFIED CURB OUTLET PER STD. 308 (REVERSE SLOPE)
- 20 CONSTRUCT 4" P.C.C. SIDEWALK PER R.C.T.D. STD. NO. 401
- 21 CONSTRUCT 3" AC ON MAIN
- 22 REMOVE 2'-6"X12" ASPHALT DIRT WALL FOR DRIVEWAY
- 23 INSTALL METAL BEAM GABRIEL (MBSG) PER CALTRANS STD. A774 A77A
- 24 CONSTRUCT MODIFIED CONCRETE BARRIER TYPE 26A PER CALTRANS STD. B11-54 W/ TUBULAR HANDRAILING PER CALTRANS STD. B11-51
- 25

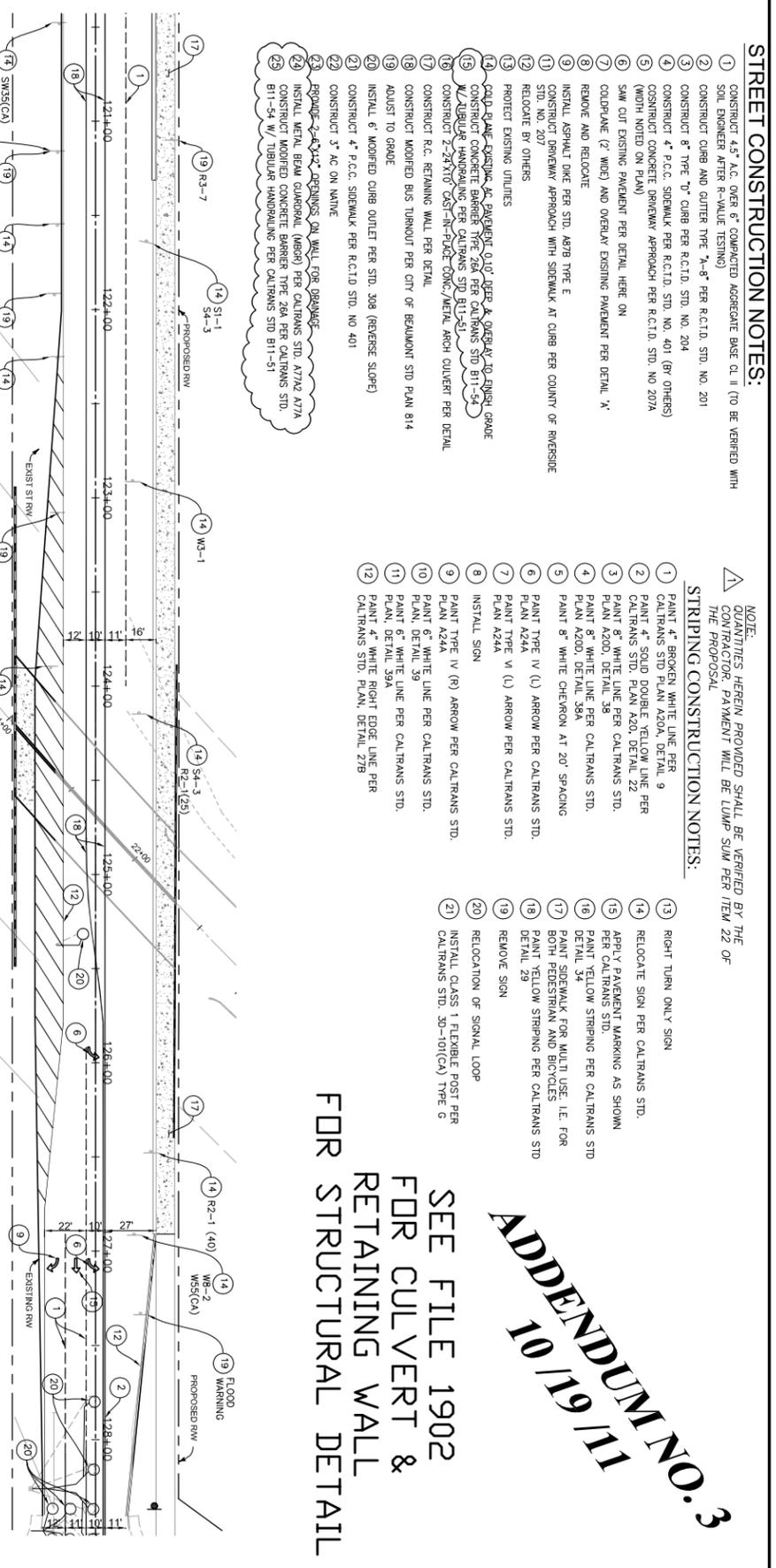
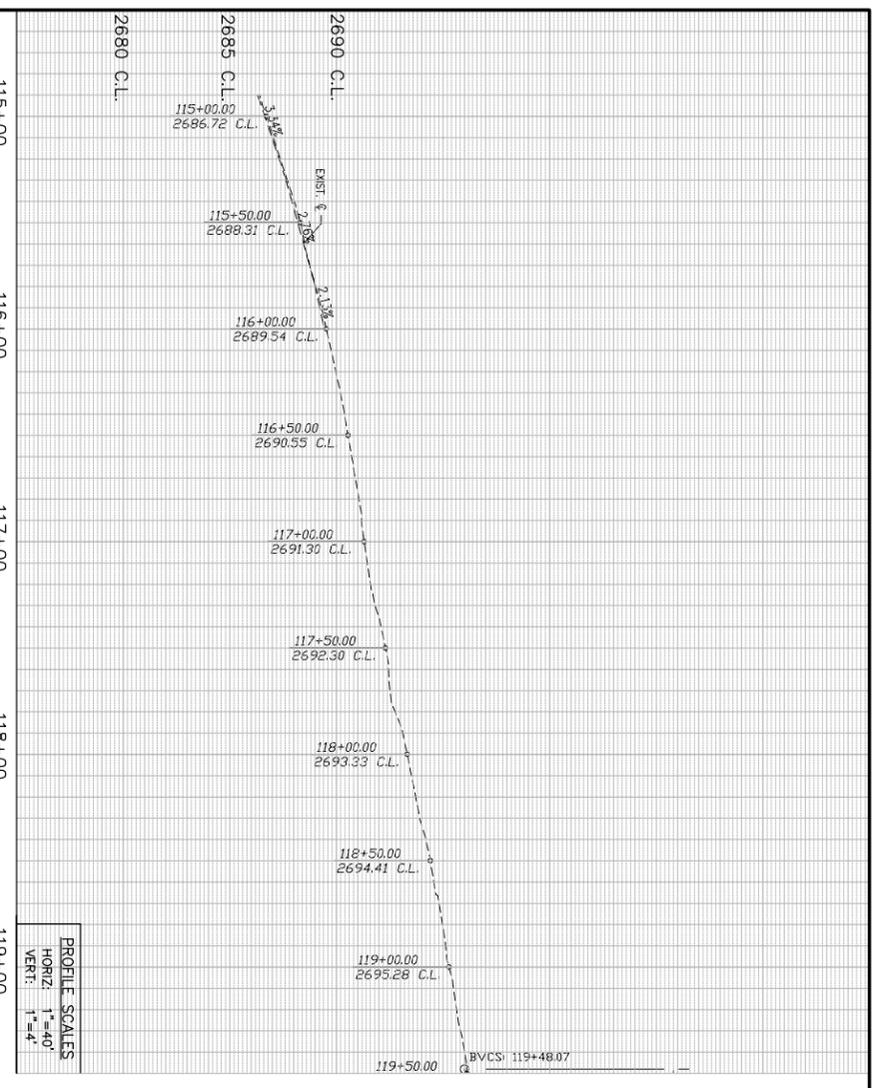
NOTE:
 QUANTITIES HEREIN PROVIDED SHALL BE VERIFIED BY THE CONTRACTOR. PAYMENT WILL BE LUMP SUM PER ITEM 22 OF THE PROPOSAL

STRIPING CONSTRUCTION NOTES:

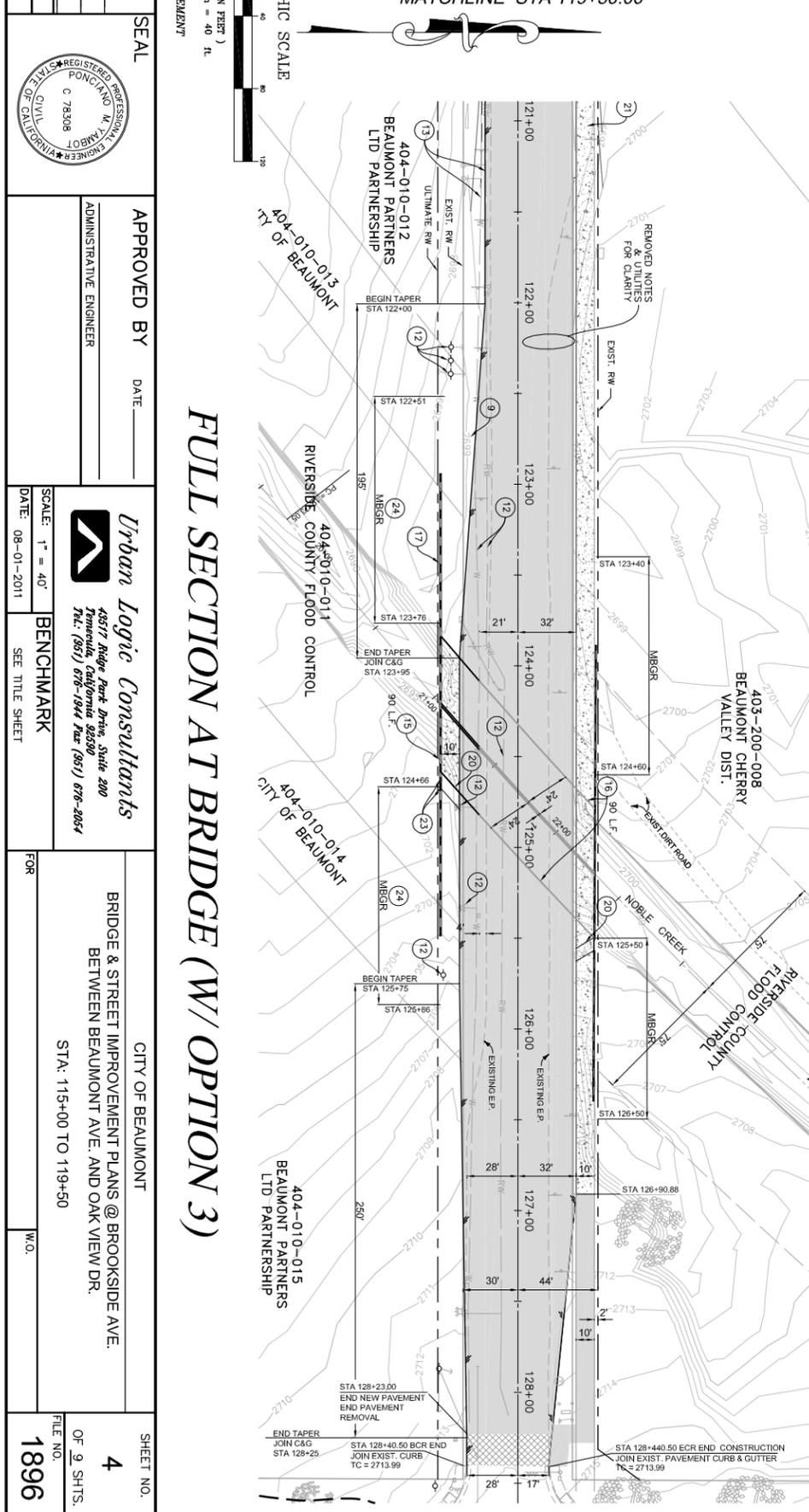
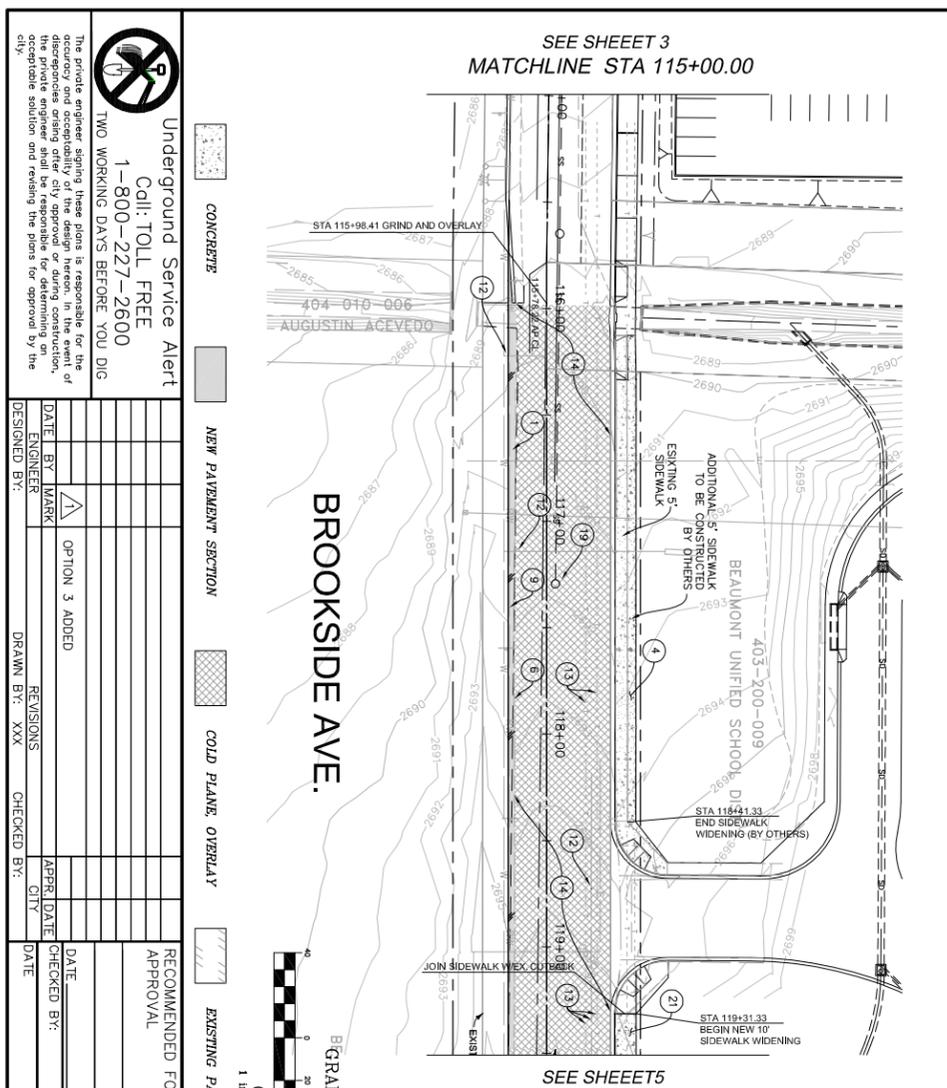
- 1 PAINT 4" BROKEN WHITE LINE PER CALTRANS STD. PLAN A20A, DETAIL 9
- 2 PAINT 4" SOLID DOUBLE YELLOW LINE PER CALTRANS STD. PLAN A20, DETAIL 22
- 3 PAINT 8" WHITE LINE PER CALTRANS STD. PLAN A20A, DETAIL 22
- 4 PAINT 8" WHITE LINE PER CALTRANS STD. PLAN A20A, DETAIL 22
- 5 PAINT 8" WHITE CHEROKEE AT 20' SPACING
- 6 PAINT TYPE IV (I) ARROW PER CALTRANS STD. PLAN A24A
- 7 PAINT TYPE V (L) ARROW PER CALTRANS STD. PLAN A24A
- 8 INSTALL SIGN
- 9 PAINT TYPE IV (R) ARROW PER CALTRANS STD. PLAN A24A
- 10 PAINT 6" WHITE LINE PER CALTRANS STD. PLAN, DETAIL 39
- 11 PAINT 6" WHITE LINE PER CALTRANS STD. PLAN, DETAIL 39A
- 12 PAINT 4" WHITE RIGHT EDGE LINE PER CALTRANS STD. PLAN, DETAIL 27B
- 13 RIGHT TURN ONLY SIGN
- 14 RELOCATE SIGN PER CALTRANS STD.
- 15 APPLY PAVEMENT MARKING AS SHOWN PER CALTRANS STD.
- 16 DETAIL YELLOW STRIPING PER CALTRANS STD. DETAIL 29
- 17 PAINT SIDEWALK FOR MUTI USE, I.E. FOR BOTH PEDESTRIAN AND BICYCLES
- 18 PAINT YELLOW STRIPING PER CALTRANS STD. DETAIL 29
- 19 REMOVE SIGN
- 20 RELOCATION OF SIGNAL LOOP
- 21 INSTALL CLASS 1 FLEXIBLE POST PER CALTRANS STD. 30-101(CA) TYPE G

ADDENDUM NO. 3
10/19/11

SEE FILE 1902 FOR CULVERT & RETAINING WALL FOR STRUCTURAL DETAIL



STRIPING PLAN FOR FULL SECTION AT BRIDGE (W/ OPTION 3)



FULL SECTION AT BRIDGE (W/ OPTION 3)

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

SEE SHEET 3
 MATCHLINE STA 115+00.00

SEE SHEETS
 MATCHLINE STA 119+50.00

CONCRETE

NEW PAVEMENT SECTION

COLD PLANE OVERLAY

EXISTING PAVEMENT

GRAPHIC SCALE
 1 inch = 40 ft

APPROVED BY _____ **DATE** _____

ADMINISTRATIVE ENGINEER

RECOMMENDED FOR APPROVAL

APPROVED BY _____ **DATE** _____

DESIGNED BY: _____

CHECKED BY: _____

REVISIONS

NO.	DATE	BY	MARK	DESCRIPTION
1				OPTION 3 ADDED

SEAL

REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STATE OF CALIFORNIA
 No. 78308

APPROVED BY _____ **DATE** _____

ADMINISTRATIVE ENGINEER

Urban Logic Consultants
 4857 Ridge Park Drive, Suite 200
 Torrance, California 90503
 Tel: (310) 676-1944 Fax: (310) 676-2024

CITY OF BEAUMONT

BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE.
 BETWEEN BEAUMONT AVE. AND OAK VIEW DR.

STA: 115+00 TO 119+50

SCALE: 1" = 40'

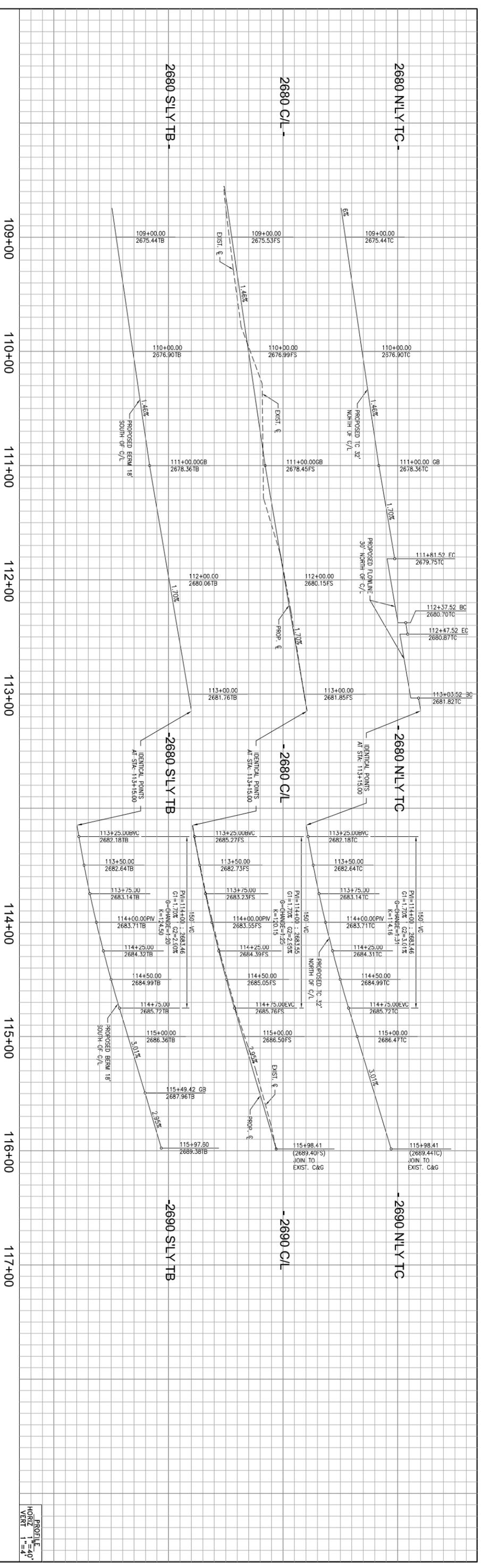
BENCHMARK

SEE TITLE SHEET

SHEET NO. 4

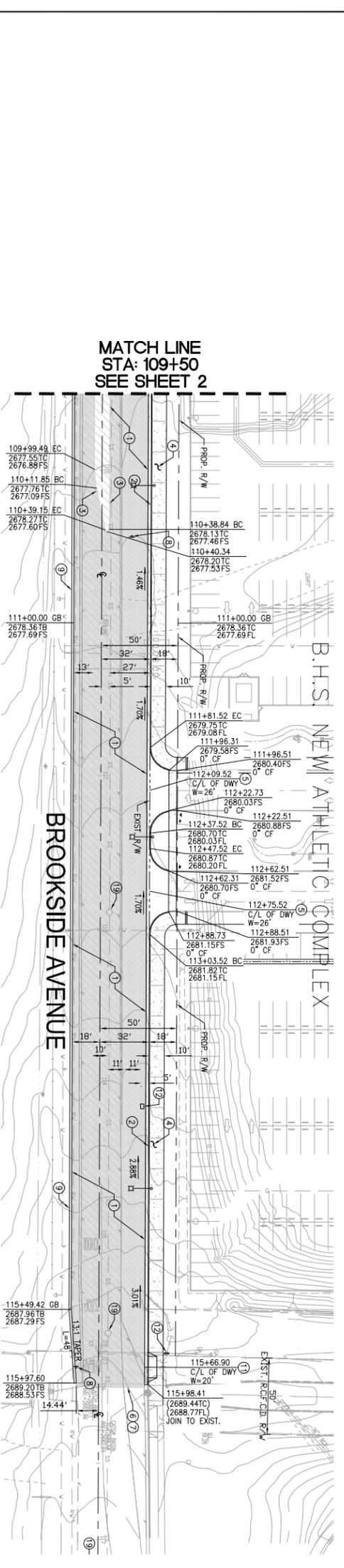
OF 9 SHTS.

FILE NO. 1896



STREET CONSTRUCTION NOTES:

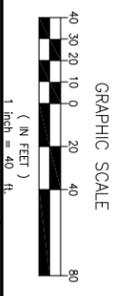
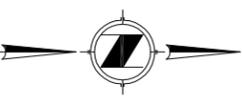
- 1) CONSTRUCT 4.5" A.C. OVER 6" COMPACTED AGGREGATE BASE CL II TO BE VERIFIED WITH SOIL ENGINEER AFTER R-WALK TESTING
- 2) CONSTRUCT CURB AND CUTTER TYPE "A-8" PER R.C.T.D. STD. NO. 201
- 3) CONSTRUCT 8" TYPE "D" CURB PER R.C.T.D. STD. NO. 204
- 4) CONSTRUCT 4" P.C.C. SIDEWALK PER R.C.T.D. STD. NO. 401 (BY OTHERS)
- 5) CONSTRUCT CONCRETE DRIVEWAY APPROACH PER R.C.T.D. STD. NO. 201A (WIDTH NOTED ON PLAN)
- 6) SAW CUT EXISTING PAVEMENT PER DETAIL HERE ON
- 7) COLUPANE (2" WIDE) AND OVERLAY EXISTING PAVEMENT PER DETAIL "A"
- 8) REMOVE AND RELOCATE
- 9) INSTALL ASPHALT DME PER STD. A87B TYPE E
- 10) CONSTRUCT DRIVEWAY APPROACH WITH SIDEWALK AT CURB PER COUNTY OF RIVERSIDE STD. NO. 207
- 11) RELOCATE BY OTHERS
- 12) PROTECT EXISTING UTILITIES
- 13) COLD PLANE EXISTING AC PAVEMENT 0.10' DEEP & OVERLAY TO FINISH GRADE
- 14) CONSTRUCT CONCRETE BARRIER TYPE 28A PER CALTRANS STD B11-54
- 15) CONSTRUCT 2'-4.41X10 CAST-IN-PLACE CONC./METAL ARCH CULVERT PER DETAIL
- 16) CONSTRUCT R.C. REMAINING WALL PER DETAIL
- 17) CONSTRUCT MODIFIED BUS TURNOUT PER CITY OF BEAUMONT STD PLAN 814
- 18) BRING TO GRADE
- 19) INSTALL 6" MODIFIED CURB OUTLET PER STD. 308 (REVERSE SLOPE)
- 20) CONSTRUCT 4" P.C.C. SIDEWALK PER R.C.T.D. STD. NO. 401
- 21) CONSTRUCT 3" AC ON NATIVE
- 22) PROVIDE 2'-6"X12" OPENINGS ON WALL FOR DRAINAGE



**MATCH LINE
STA: 109+50
SEE SHEET 2**

BROOKSIDE AVENUE

**BID SET
8/1/11**



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 herein, in the event of any error or omission, the contractor shall be responsible for determining the appropriate solution and relaying the plans for approval by the city.

APPROVED BY _____ **DATE** _____

CONSULTING ENGINEER

BENCHMARK:
1-3/8" DIA. BRASS CAP MONUMENT MARKED "CITY B.M. 2"
LOCATED AT THE NORTHEAST CORNER OF BEAUMONT AVENUE AND
RIVERSIDE AVENUE, APPROXIMATELY 7 FEET NORTHERLY OF BEGINNING OF
CURB. ELEVATION = 1982. BENCH MARK NO. 02.882

SCALE: _____

DATE: _____

DESIGNED BY: _____

ENGINEER: _____

REVISIONS:

NO.	DATE	BY	MARK

CHECKED BY: _____

APPR. DATE: _____

CITY: _____

RECOMMENDED FOR

APPROVAL

SEAL

REGISTERED PROFESSIONAL ENGINEER
NO. 0981947
Exp. 9-30-11
STATE OF CALIFORNIA

APPROVED BY _____ **DATE** _____

CONSULTING ENGINEER

BENCHMARK:
1-3/8" DIA. BRASS CAP MONUMENT MARKED "CITY B.M. 2"
LOCATED AT THE NORTHEAST CORNER OF BEAUMONT AVENUE AND
RIVERSIDE AVENUE, APPROXIMATELY 7 FEET NORTHERLY OF BEGINNING OF
CURB. ELEVATION = 1982. BENCH MARK NO. 02.882

SCALE: _____

DATE: _____

Urban Logic Consultants
49377 Ridge Park Drive, Suite 200
Folsom, CA 95630
Tel: (957) 676-1944 Fax: (957) 676-2084

CITY OF BEAUMONT

BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE.
BETWEEN BEAUMONT AVE. AND OAK VIEW DR.

STA: 109+50 TO 115+98.41

FOR _____ **W.O.** _____

FILE NO.
1896

SHEET NO.
3

OF 9 SHTS.

GENERAL NOTES :

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING OF THE PROPOSED WORK AREA, RELOCATION COSTS OF ALL EXISTING UTILITIES, PERMITTEE MUST INFORM CITY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. AT (951) 769-6820.
2. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT IMPROVEMENT STANDARDS AND SPECIFICATIONS, "LATEST EDITION," COUNTY ORDINANCE NO. 461 AND SUBSEQUENT AMENDMENTS.
3. ALL UTILITIES (EXISTING AND PROPOSED) SHALL BE UNDERGROUND, LATERALS, CROSSEINGS, AND THE-INS SHALL BE IN PLACE PRIOR TO PAVING THE STREET INCLUDING BUT NOT LIMITED TO, SEWER, WATER, STORM DRAIN, ELECTRIC, GAS AND COMMUNICATION LINES.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL AND MAINTAIN ALL CONSTRUCTION, REGULATION, GUIDE AND WARNING SIGNS WITHIN THE PROJECT LIMITS AND ITS SUBORDINATES TO PROVIDE SAFE PASSAGE FOR THE TRAVELING PUBLIC AND WORKERS UNTIL THE FINAL COMPLETION AND ACCEPTANCE OF THE PROJECT BY THE CITY.
5. ANY PRIVATE DRAINAGE FACILITIES SHOWN ON THESE PLANS ARE FOR INFORMATION ONLY. BY SIGNING THESE CITY OF BEAUMONT PUBLIC WORKS DEPARTMENT.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY TO THE CITY OF BEAUMONT PUBLIC WORKS DEPARTMENT FOR A PERMIT TO EXCAVATE AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, COMPLIANCE FOR ALL CURRENT ENVIRONMENTAL REGULATIONS DURING THE LIFE OF CONSTRUCTION ACTIVITIES FOR THE PROJECT. ADDITIONAL STUDIES AND/OR PERMIT MAY BE REQUIRED.
7. THE CONTRACTOR WILL INSTALL STREET NAME SIGNS CONFORMING TO COUNTY STANDARD NO. 816
8. ALL STREET SECTIONS ARE TENTATIVE, ADDITIONAL SOIL TESTS SHALL BE TAKEN AFTER ROUGH GRADING TO DETERMINE THE EXACT STREET SECTION REQUIREMENTS. USE STANDARD NO. 401 IF EXPANSIVE SOIL ARE ENCOUNTERED.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER TO INSTALL STREET CENTERLINE MONUMENTS AS REQUIRED BY RIVERSIDE COUNTY ORDINANCE NO. 461.
10. ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NOT LESS THAN FOURTEEN DAYS FOLLOWING PLACEMENT OF THE ASPHALT SURFACING. FOR SEAL AND PAINT BINDER SHALL BE APPLIED AT A RATE OF 0.05 AND 0.03 GAL/ON PER SQUARE YARD RESPECTIVELY. ASPHALTIC EMULSION SHALL CONFORM TO SECTION 57, 59 AND 94 OF THE STATE STANDARD SPECIFICATIONS.
11. AS DETERMINED BY THE PUBLIC WORKS DIRECTOR, THE DEVELOPER IS RESPONSIBLE AS A MINIMUM FOR ROAD IMPROVEMENT TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND MATCHING OVERLAY REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC INDEX.
12. CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNER/DEVELOPERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH STATE WATER RESOURCES CONTROL BOARD (SWRCB). PREPARE A STORM WATER POLLUTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL SIGNS AND MARKINGS NOT INCLUDED IN THE SIGNING AND STRIPING PLAN WITHIN THE PROJECT AREAS, OR ON ROADWAYS ADJACENT TO THE PROJECT BOUNDARIES, UPON THE REQUEST OF THE DIRECTOR OF PUBLIC WORKS OR HIS DESIGNEE TO IMPROVE TRAFFIC SAFETY ON THE REAS UNDER THE JURISDICTION OF THE DEVELOPER.
14. EXISTING STORM DRAIN PRESS/COVERS WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO BE JUST IN THE PROJECT BOUNDARY MUST BE REPAIRED AND/OR CLEANED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE PUBLIC WORKS DEPARTMENT.
15. ALL STORM DRAIN, CATCH BASINS AND STORM WATER RUNOFF STRUCTURES WILL BE PROVIDED WITH ADEQUATE CAPABILITIES TO FILTER AND RETAIN SEDIMENT AND GRIT, OIL AND GREASE, TO PREVENT POLLUTION FROM ENTERING THE STORM DRAIN SYSTEM. THESE STRUCTURES SHALL BE DESIGNED TO PREVENT POLLUTION AND RUNOFF FROM WASTEWATER PLANT FROM STORM WATER AS WELL AS BEST MANAGEMENT PRACTICES DERIVED IN THE CURRENT REPORT OF WASTE DISCHARGE FOR RIVERSIDE COUNTY PERMITS.
16. CONTRACTOR SHALL BE FULLY RESPONSIBLE IN ASSURING THAT PROPOSED IMPROVEMENTS CONFORM TO THE APPROVED PLANS, SPECIFICATIONS AND CITY OF BEAUMONT STANDARDS WHERE DEVIATIONS EXIST. DEVELOPER SHALL PROPOSE CORRECTIVE MEASURES FOR REVIEW AND APPROVAL BY THE CITY.
17. THE DEVELOPER SHALL HAVE GEOLOGICAL/GEOTECHNICAL/ENGINEERING FIRM OBSERVE, TRENCHING, BACK FILLING AND SOIL COMPACTION RECORDS. TRENCHING AND ROAD RIGHT-OF-WAY TWO FEET OF EXCAVATION SHALL BE MAINTAINED TO PROTECT EXISTING UTILITIES AND STRUCTURES. ALL EXCAVATION RECORDS SHALL BE SUBMITTED TO THE BEAUMONT PUBLIC WORKS DEPARTMENT PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL EXCAVATION RECORDS SHALL BE CHECKED BY THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL EXCAVATION RECORDS SHALL BE CHECKED BY THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL EXCAVATION RECORDS SHALL BE CHECKED BY THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION.
18. STREET LIGHTS ARE REQUIRED FOR ALL PROJECTS AND SHALL BE INSTALLED IN CONFORMANCE TO CITY OF BEAUMONT ORDINANCE AND APPROVED PLANS. WHERE STREET LIGHTS ARE PROPOSED HERE.

ENGINEERS NOTICE :

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL OBTAIN, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ALL AND EVERY LOSS, DAMAGE, LIABILITY, COSTS AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, INCURRED BY THE OWNER OR ENGINEER, ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER, THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY DILIGENT SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF BEAUMONT PUBLIC WORKS DEPARTMENT PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL EXCAVATION RECORDS SHALL BE CHECKED BY THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION. ALL EXCAVATION RECORDS SHALL BE CHECKED BY THE ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION.

SHEET INDEX:

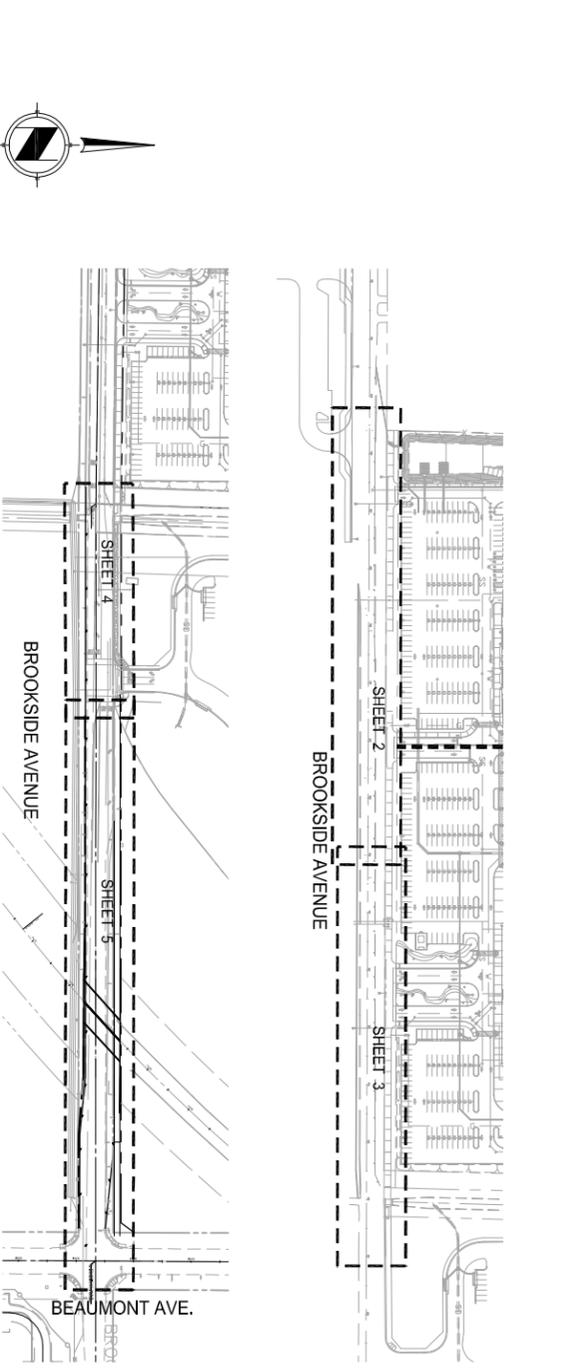
TITLE SHEET	1
PROFILE - STA 101+49.46 TO STA 109+50	2
PROFILE - STA 109+50 TO STA 115+98.41	3
PROFILE - STA 115+00 TO STA 119+50	4
PROFILE - STA 119+50 TO STA 128+40.50	5
STRIPING PLAN	6
STREET LIGHT PLAN	7
ELECTRICAL NOTES	8
DETAILS	9

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 herein, in the event of any discrepancy between the design herein and the actual conditions existing on the project site, the engineer shall be responsible for determining the acceptable solution and relaying the plans for approval by the city.

DESIGNED BY:	ENGINEER
CHECKED BY:	CITY

BRIDGE & STREET IMPROVEMENT PLAN @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. & OAK VIEW DR.



NOTICE TO CONTRACTOR :

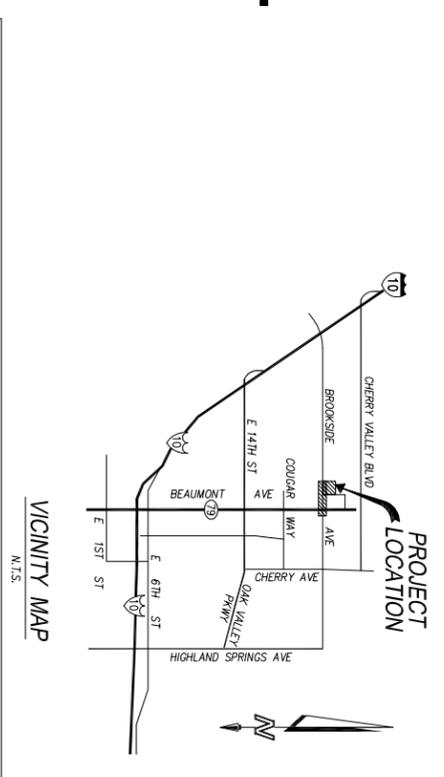
1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF BEAUMONT PUBLIC WORKS DEPARTMENT PRIOR TO THE BEGINNING OF CONSTRUCTION.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT UNDERGROUND SERVICE ALERT (PHONE: 1-800-227-2600) 48 HOURS IN ADVANCE OF ANY EXCAVATION FOR THE MARK-OUT OF THE LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK.
3. CONTRACTOR WILL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SPENTICENTLY AHEAD OF DISCREPANCIES IN UTILITY LINE LOCATIONS ARE FOUND.
4. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
5. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

EARTHWORK (BASE BID):

CUT = 1400 CUBIC YARDS
 FILL = 9900 CUBIC YARDS
 * NO ADJUSTMENT MADE FOR LOSS OR SHrinkAGE

ADDENDUM NO. 3 10/19/11

INDEX MAP
SCALE: 1" = 150'



PUBLIC STREET IMPROVEMENT CONSTRUCTION NOTES (BASE BID)

NO.	DESCRIPTION	QUANTITY	UNIT
1	CONSTRUCT 4.5" A.C. OVER 6" COMPACTED AGRREGATE BASE CL II (TO BE VERIFIED WITH SOIL ENGINEER AFTER R-VALUE TESTING)	115040	S.F.
2	AFTER R-VALUE TESTING)	2460	L.F.
3	CONSTRUCT 4" P.C.C. SIDEWALK PER R.C.I.D. STD. NO. 401 (BY OTHERS) (NWP)	43600	S.F.
4	CONSTRUCT CONCRETE DRIVEWAY APPROACH PER R.C.I.D. STD. NO. 207A (WIDTH NOTED ON PLAN)	3460	S.F.
5	5M CUT EXISTING PAVEMENT PER DETAIL ON SHEET 2	470	L.F.
6	COMPANE (2" WIDE) AND OVERLAY EXISTING PAVEMENT PER DETAIL 'X' ON SHEET 2	470	L.F.
7	REMOVE AND RELOCATE	9	EA
8	INSTALL ASPHALT DUNE PER STD. AS7B TYPE E	2,420	L.F.
9	CONSTRUCT 3" WIDE FLAT OUTLET DRAINAGE STRUCTURE PER COUNTY OF RIVERSIDE STD. NO. 303 TO BE COVERED UNDER SEPARATE ENCROACHMENT PERMIT	1	EA
10	CONSTRUCT DRIVEWAY APPROACH WITH SIDEWALK AT CURB PER COUNTY OF RIVERSIDE STD. NO. 207	140	S.F.
11	RELOCATED/ADJUST TO GRADE BY OTHERS	7	EA
12	PROTECT EXISTING UTILITIES	AS SHOWN	-
13	ROAD PLANE EXIST. AC PAVEMENT 0.10' DEPTH AND AC OVERLAY 10' (15' THICK UNL)	30,230	S.F.
14	CONSTRUCT CONCRETE BARRIER TYPE 26A PER CALTRANS STD. B11-54 W/ TUBULAR HANDRAILING PER DETAIL	480	L.F.
15	CONSTRUCT 2-24"x10" CAST-IN-PLACE CONC./METAL ARCH CULVERT PER DETAIL	1	L.S.
16	CONSTRUCT R.C. RETAINING WALL PER DETAIL	310	L.F.
17	CONSTRUCT MODIFIED BUS TURNOUT PER CITY OF BEAUMONT STD PLAN 814	1	EA
18	ADJUST TO GRADE	6	EA
19	INSTALL 6" MODIFIED CURB OUTLET PER STD. 308 (REVERSE SLOPE)	1	EA
20	CONSTRUCT 4" P.C.C. SIDEWALK PER R.C.I.D. STD. NO. 401	8,400	S.F.
21	CONSTRUCT 3" AC ON NATIVE	1,800	S.F.
22	PROVIDE 2-6"x12" GRANULES ON WALL FOR DRAINAGE	440	EA
23	INSTALL METAL BEAM GUARDRAIL (MGBR) PER CALTRANS STD. B11-54 W/ TUBULAR HANDRAILING PER DETAIL	90	L.F.
24	CONSTRUCT 10' DEEP EXISTING SIDEWALK 12" THICK CONCRETE SLOPER WALL (2000 P.S.) W/ 5# REBARS @ 12" O.C.B.W.	600	SF

NOTES: QUANTITIES SHOWN HEREON ARE FOR PERMIT AND/OR BIDDING PURPOSES ONLY AND SHALL NOT BE USED FOR BIDDING. CONTRACTOR SHALL DETERMINE HIS OWN QUANTITIES AND BID A COMPLETE JOB.

PUBLIC STREET IMPROVEMENT CONSTRUCTION NOTES (OPTION 3)

NO.	DESCRIPTION	QUANTITY	UNIT
1	CONSTRUCT 4.5" A.C. OVER 6" COMPACTED AGRREGATE BASE CL II (TO BE VERIFIED WITH SOIL ENGINEER AFTER R-VALUE TESTING)	150	TON
2	CONSTRUCT CURB AND GUTTER TYPE "A-8" PER R.C.I.D. STD. NO. 201	125	CV
3	CONSTRUCT 2-24"x10" CAST-IN-PLACE CONC./METAL ARCH CULVERT PER DETAIL	100	L.S.
4	INSTALL 6" MODIFIED CURB OUTLET PER STD. 308 (REVERSE SLOPE)	1	EA
5	CONSTRUCT 4" P.C.C. SIDEWALK PER R.C.I.D. STD. NO. 401	500	S.F.
6	CONSTRUCT MODIFIED CONCRETE BARRIER TYPE 26A PER CALTRANS STD. B11-54 W/ TUBULAR HANDRAILING PER CALTRANS STD. B11-51	95	L.F.

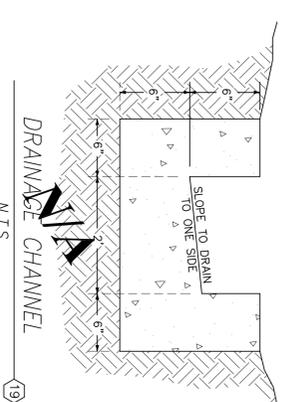
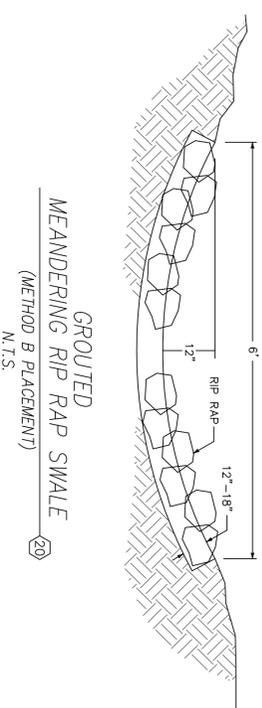
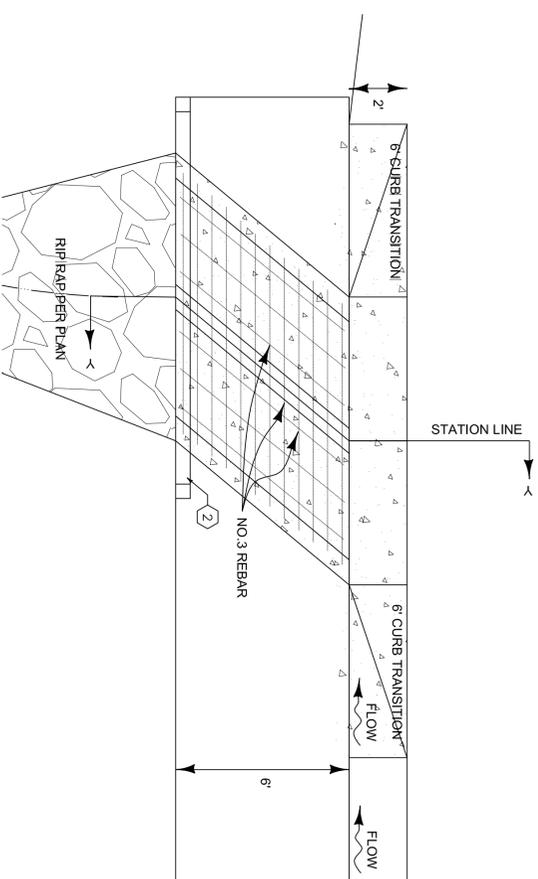
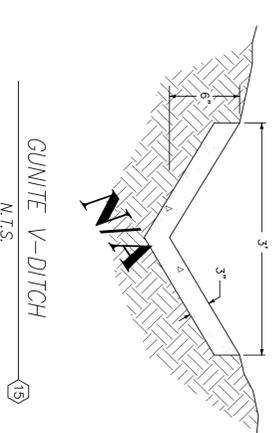
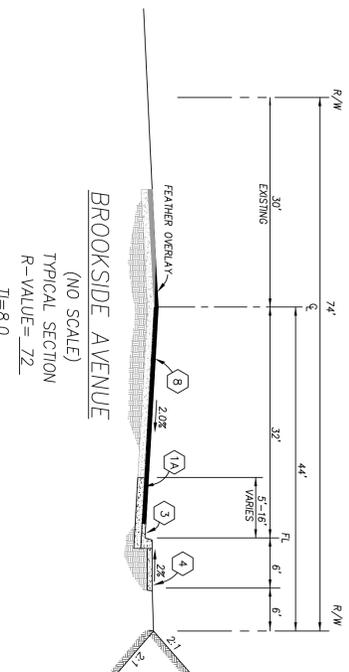
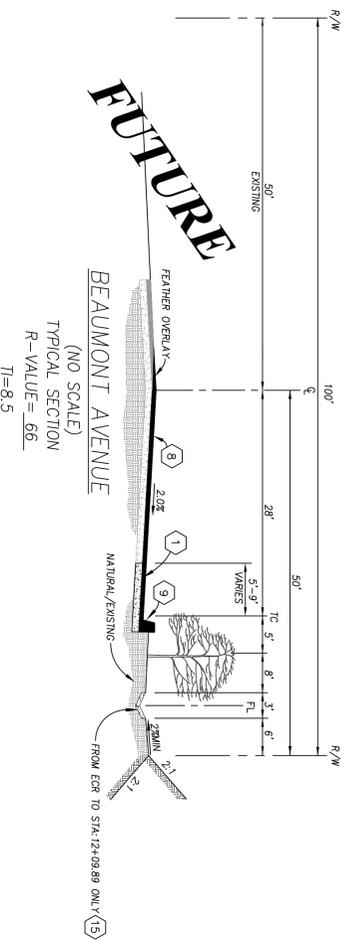
CITY OF BEAUMONT

BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR.

TITLE SHEET

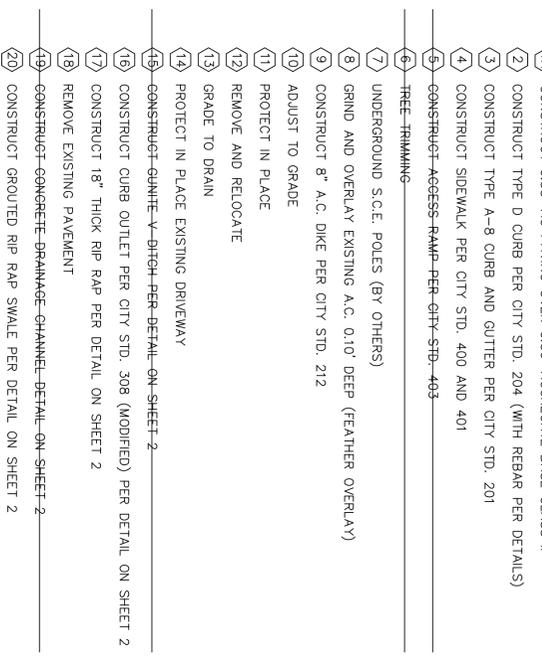
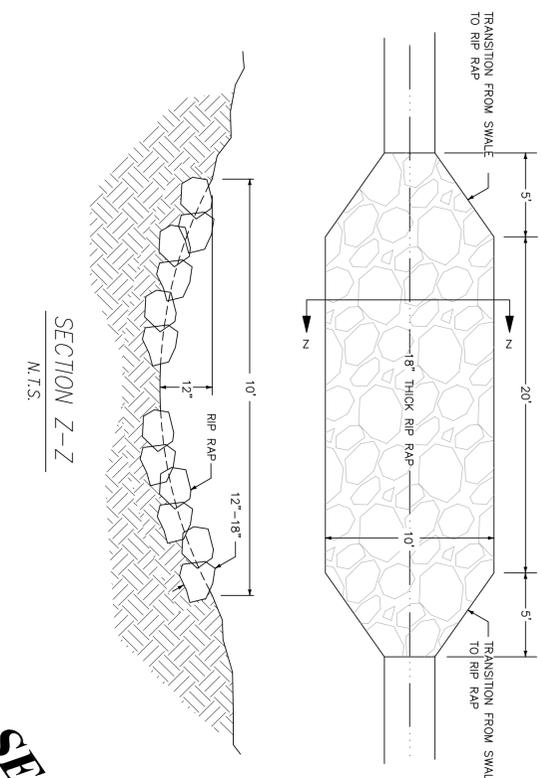
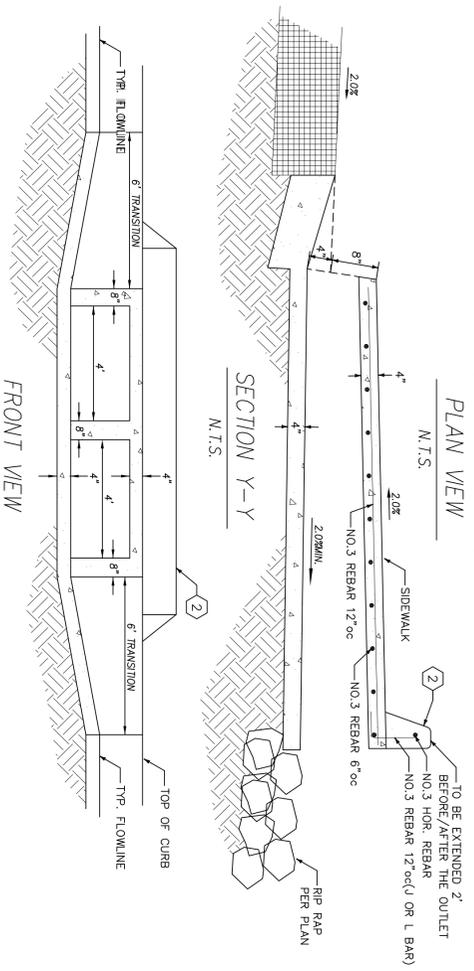
SHEET NO. 1 OF 9 SHTS.

FILE NO. 1896



CONSTRUCTION NOTES

- 1A CONSTRUCT 0.38' AC PAVING OVER 0.50' AGGREGATE BASE CLASS II
- 2 CONSTRUCT TYPE D CURB PER CITY STD. 204 (WITH REBAR PER DETAILS)
- 3 CONSTRUCT TYPE A-8 CURB AND GUTTER PER CITY STD. 201
- 4 CONSTRUCT SIDEWALK PER CITY STD. 400 AND 401
- 5 CONSTRUCT AGGRESS RAMP PER CITY STD. 403
- 6 TREE TRIMMING
- 7 UNDERGROUND S.C.E. POLES (BY OTHERS)
- 8 GRIND AND OVERLAY EXISTING A.C. 0.10' DEEP (FEATHER OVERLAY)
- 9 CONSTRUCT 8" A.C. DIKE PER CITY STD. 212
- 10 ADJUST TO GRADE
- 11 PROTECT IN PLACE
- 12 REMOVE AND RELOCATE
- 13 GRADE TO DRAIN
- 14 PROJECT IN PLACE EXISTING DRIVEWAY
- 15 CONSTRUCT GRANITE V-DITCH PER DETAIL ON SHEET 2
- 16 CONSTRUCT CURB OUTLET PER CITY STD. 308 (MODIFIED) PER DETAIL ON SHEET 2
- 17 CONSTRUCT 18" THICK RIP RAP PER DETAIL ON SHEET 2
- 18 REMOVE EXISTING PAVEMENT
- 19 CONSTRUCT CONCRETE DRAINAGE CHANNEL DETAIL ON SHEET 2
- 20 CONSTRUCT GROUTED RIP RAP SWALE PER DETAIL ON SHEET 2
- 21 CONSTRUCT OVERSIDE DRAIN PER CITY STD. 306 (MODIFIED TO GRANITE)



MODIFIED CURB OUTLET
N.T.S.

BID SET
8/1/11

OPTION 1

Underground Service Alert
Call: TOLL FREE
1-880-422-4133

TWO WORKING DAYS BEFORE YOU DIG

The private engineer signing these plans is responsible for the accuracy and acceptability of the design herein. In the event of any discrepancy between the design herein and the actual construction, the contractor shall be responsible for determining the appropriate acceptable solution and revising the plans for approval by the city.

RECOMMENDED FOR APPROVAL

DATE _____

CHECKED BY _____

DATE _____

DESIGNED BY _____

ENGINEER BY _____

MARK _____

DATE _____

REVISIONS _____

CHECKED BY _____

CITY _____

DATE _____

SEAL

APPROVED BY _____

DATE _____

CONSULTING ENGINEER

BENCHMARK USED FOR THIS PROJECT IS THE CITY OF BEAUMONT BENCHMARK NO. 05A.82 BENCHMARK TYPE: 1 1/2" BRASS CAR MONUMENT MARKED CITY B.M. 5TH STREET, 59 S.W. AND 33' ELY OF CENTERLINE INTERSECTION, 2' SLY OF B.C.R. ELEVATION: 2631.257 (1982)

SCALE 1"=40'

DATE 08/01/2011

Urban Logic Consultants
49317 Ridge Point Drive, Suite 200
The Woodlands, TX 77380
Tel: (937) 676-1944 Fax: (937) 676-2054

CITY OF BEAUMONT
STREET IMPROVEMENT PLANS
FOR BROOKSIDE AVE
FROM BEAUMONT AVE. TO 700 L.F. EASTERLY
CROSS SECTIONS AND DETAILS

FOR **The City of Beaumont**

W.O. U.C-02-056

SHEET NO. 2

OF 3 SHTS.

FILE NO. 1809A

CITY OF BEAUMONT
STREET IMPROVEMENT PLANS
 FOR
BROOKSIDE AVENUE
 FROM BEAUMONT AVE. TO 700 L.F. EASTERLY

NOTIFICATIONS:

LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES ON THE JOB PRIOR TO COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION. CALL UNDERGROUND SERVICES ALERT AT (800) 227-2600

EXISTING PRIVATELY OWNED IMPROVEMENTS ON PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED IF DAMAGED, AS DIRECTED BY THE ENGINEER.

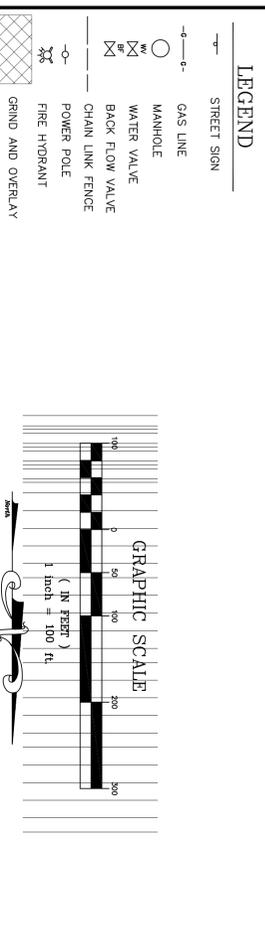
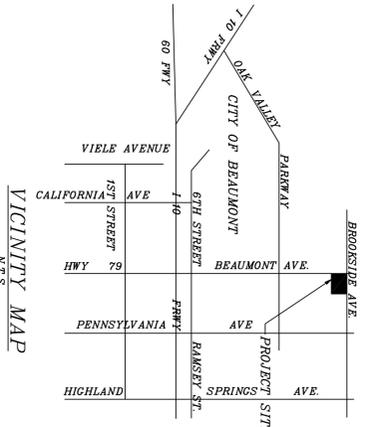
NO TRASH, DEBRIS OF ANY CONTAMINATED RUNOFF SHALL BE ALLOWED TO DRAIN THE EXISTING DRAIN BASINS. CONTRACTOR SHALL PROTECT THE EXISTING DRAIN BASINS BY EROSION SAND BAGS. CONTRACTOR SHALL PROTECT THE EXISTING DRAIN BASINS FROM SEDIMENT AND DEBRIS SHALL BE CAREFULLY REMOVED AND DISPOSED OFF SITE.

CONSTRUCTION NOTES

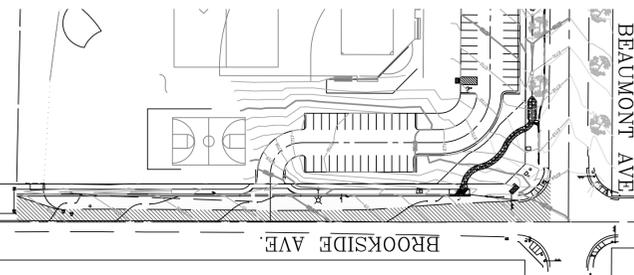
- ① CONSTRUCT 4" A.C. PAVING OVER 6" AGGREGATE BASE CLASS II
- ② CONSTRUCT 0.38" A.C. PAVING OVER 0.50' AGGREGATE BASE CLASS II
- ③ CONSTRUCT TYPE D CURB PER CITY STD. 204 (WITH REBAR PER DETAILS)
- ④ CONSTRUCT TYPE A-8 CURB AND GUTTER PER CITY STD. 201
- ⑤ CONSTRUCT SIDEWALK PER CITY STD. 400 AND 401
- ⑥ CONSTRUCT ACCESS RAMP PER CITY STD. 403
- ⑦ TREE TRIMMING
- ⑧ UNDERGROUND S.C.E. POLES (BY OTHERS)
- ⑨ GRIND AND OVERLAY EXISTING A.C. 0.10' DEEP (FEATHER OVERLAY)
- ⑩ CONSTRUCT 8" A.C. DIKE PER CITY STD. 212
- ⑪ ADJUST TO GRADE
- ⑫ PROTECT IN PLACE
- ⑬ REMOVE AND RELOCATE
- ⑭ GRADE TO DRAIN
- ⑮ PROTECT IN PLACE EXISTING DRIVEWAY
- ⑯ CONSTRUCT QUANTITE V-DITCH PER DETAIL ON SHEET 2
- ⑰ CONSTRUCT CURB OUTLET PER CITY STD. 308 (MODIFIED) PER DETAIL ON SHEET 2
- ⑱ CONSTRUCT 18" THICK RIP RAP PER DETAIL ON SHEET 2
- ⑲ REMOVE EXISTING PAVEMENT
- ⑳ CONSTRUCT CONCRETE DRAINAGE CHANNEL DETAIL ON SHEET 2
- ㉑ CONSTRUCT GROUDED RIP RAP SWALE PER DETAIL ON SHEET 2
- ㉒ CONSTRUCT OVERSIDE DRAIN PER CITY STD. 306 (MODIFIED TO QUANT)

QUANTITIES:

①	CONSTRUCT 4" A.C. PAVING OVER 6" AGGREGATE BASE CLASS II	18380 SQUARE FEET
②	CONSTRUCT 0.38" A.C. PAVING OVER 0.50' AGGREGATE BASE CLASS II	14 LINEAR FEET
③	CONSTRUCT TYPE A-8 CURB AND GUTTER PER CITY STD. 201	455 LINEAR FEET
④	CONSTRUCT SIDEWALK PER CITY STD. 400 AND 401	2730 SQUARE FEET
⑤	CONSTRUCT ACCESS RAMP PER CITY STD. 403	-
⑥	TREE TRIMMING	-
⑦	UNDERGROUND S.C.E. POLES (BY OTHERS)	4 EACH
⑧	GRIND AND OVERLAY EXISTING A.C. 0.10' DEEP (FEATHER OVERLAY)	850 SQUARE FEET
⑨	CONSTRUCT 8" A.C. DIKE PER CITY STD. 212	60 LINEAR FEET
⑩	ADJUST TO GRADE	4 EACH
⑪	PROTECT IN PLACE	3 EACH
⑫	REMOVE AND RELOCATE	2 EACH
⑬	GRADE TO DRAIN	AS NEEDED
⑭	PROTECT IN PLACE EXISTING DRIVEWAY	1 EACH
⑮	CONSTRUCT QUANTITE V-DITCH PER DETAIL ON SHEET 2	-
⑯	CONSTRUCT CURB OUTLET PER CITY STD. 308 (MODIFIED) PER DETAIL ON SHEET 2	1 EACH
⑰	CONSTRUCT 18" THICK RIP RAP PER DETAIL ON SHEET 2	1 EACH
⑱	REMOVE EXISTING PAVEMENT	10,748 SQUARE FEET
⑲	CONSTRUCT CONCRETE DRAINAGE CHANNEL DETAIL ON SHEET 2	-
㉑	CONSTRUCT GROUDED RIP RAP SWALE PER DETAIL ON SHEET 2	707 SQUARE FEET
㉒	CONSTRUCT OVERSIDE DRAIN PER CITY STD. 306 (MODIFIED TO QUANT)	-



THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR ENGINEER.

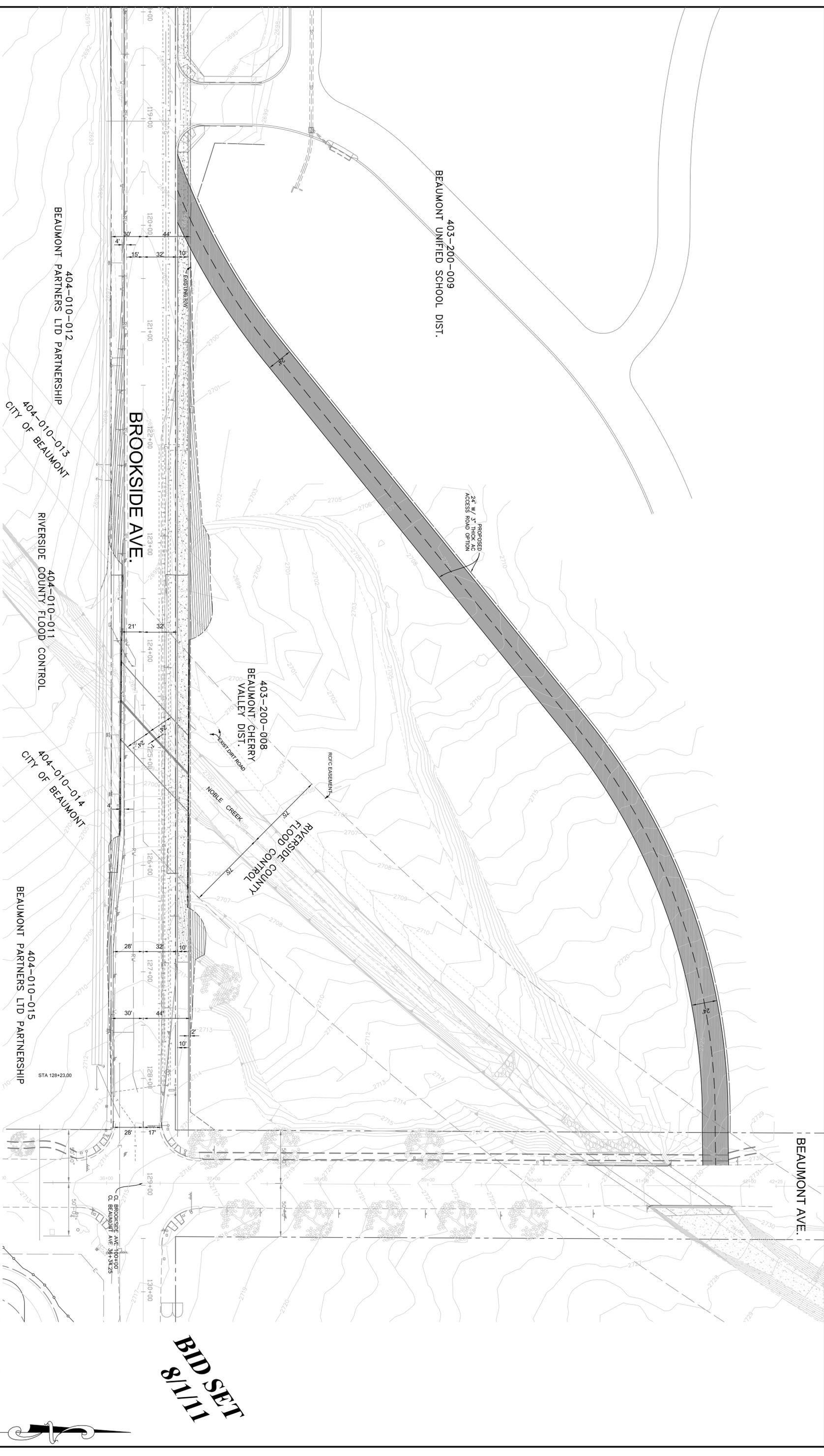


<u>SHEET INDEX</u>	
TITLE SHEET, GENERAL NOTES, PROJECT MAP, VICINITY MAP	1
SECTIONS AND DETAILS	2
BROOKSIDE AVENUE STA. 10+00 TO 16+35.40	3

OPTION 1

BID SET
8/1/11

<p>Underground Service Alert Call: TOLL FREE 1-880-422-4133 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>RECOMMENDED FOR APPROVAL</p> <p>DATE: _____ CHECKED BY: _____ DATE: _____</p>	<p>SEAL</p>	<p>APPROVED BY _____ DATE _____</p> <p>CONSULTING ENGINEER</p> <p>BENCHMARK USED FOR THIS PROJECT IS THE CITY OF BEAUMONT BENCHMARK NO. 05.A.82 BENCHMARK TYPE: 1 3/8" BRASS CAP MONUMENT MARKED CITY B.M. 5TH STREET 59° 51' S AND 3° 17' E OF CENTERLINE INTERSECTION, 2' S.W. OF B.C.R. ELEVATION: 2631.257 (1982)</p>										
<p>DESIGNED BY: _____</p> <p>ENGINEER: _____</p> <p>DRAWN BY: _____</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>BY</th> <th>MARK</th> <th>APPR.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	DATE	BY	MARK	APPR.	DATE						<p>CITY OF BEAUMONT</p> <p>STREET IMPROVEMENT PLANS</p> <p>FOR BROOKSIDE AVE</p> <p>FROM BEAUMONT AVE. TO 700 L.F. EASTERLY</p>	<p>FOR <i>The City of Beaumont</i></p> <p>W.O. _____ U.C.-02-056</p>
DATE	BY	MARK	APPR.	DATE									
<p>SHEET NO. 1</p> <p>OF 3 SHEETS</p> <p>FILE NO. 1809A</p>													



403-200-009
BEAUMONT UNIFIED SCHOOL DIST.

404-010-012
BEAUMONT PARTNERS LTD PARTNERSHIP

404-010-013
CITY OF BEAUMONT

404-010-011
RIVERSIDE COUNTY FLOOD CONTROL

404-010-014
CITY OF BEAUMONT

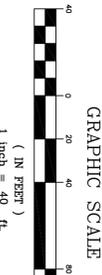
404-010-015
BEAUMONT PARTNERS LTD PARTNERSHIP

BROOKSIDE AVE.

**BID SET
8/1/11**

ACCESS ROAD OPTION (25700 SQ. FT.)

OPTION 2



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

DESIGNED BY:	ENGINEER:	DATE:
DRAWN BY: XXX	MARK	MARK
CHECKED BY:	APPR. DATE:	CITY:

RECOMMENDED FOR APPROVAL:	DATE:
SEAL:	CHECKED BY:

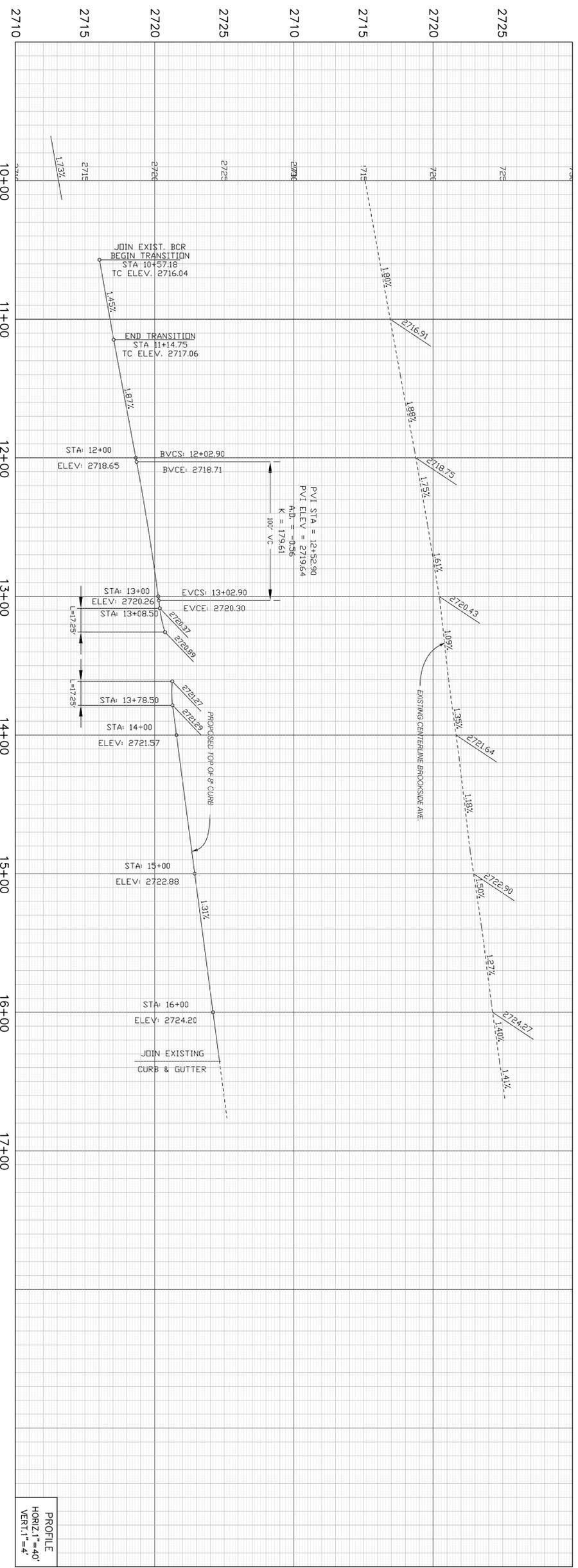
APPROVED BY:	DATE:
CONSULTING ENGINEER:	

Urban Logic Consultants
4517 Ridge Park Drive, Suite 200
Tremonte, California 92590
Tel: (951) 676-1944 Fax: (951) 676-2654

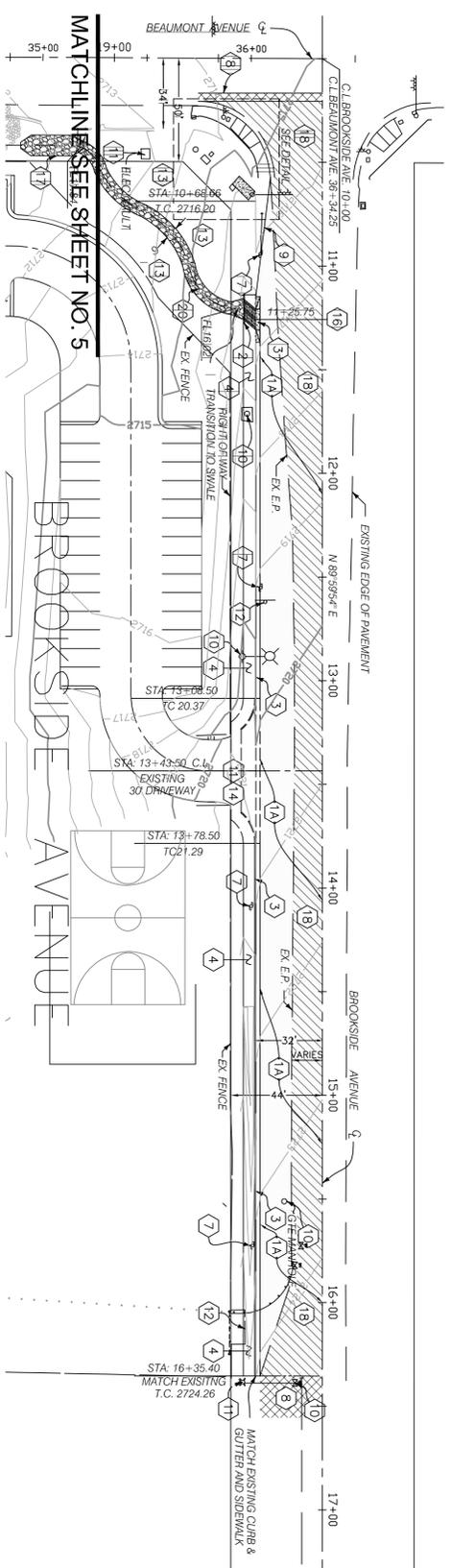
SCALE: 1" = 40'
DATE: 08-01-2011

BENCHMARK
SEE TITLE SHEET

FOR:	W.O.:
CITY OF BEAUMONT	
BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR.	
ACCESS ROAD OPTION	
SHEET NO. 1	OF 1 SHTS.
FILE NO. 1896	

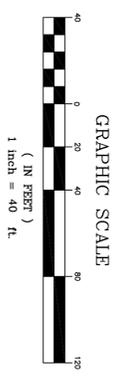


PROFILE
HORIZ. 1"=40'
VERT. 1"=4'

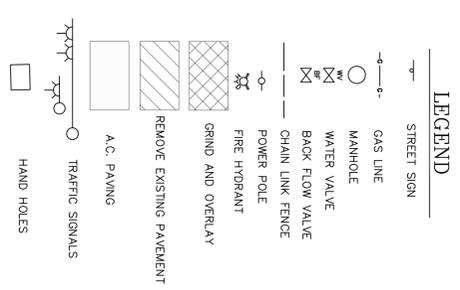


CONSTRUCTION NOTES

- 1A CONSTRUCT 0.38' AC PAVING OVER 0.50' AGGREGATE BASE CLASS II
- 2 CONSTRUCT TYPE D CURB PER CITY STD. 204 (WITH REBAR PER DETAILS)
- 3 CONSTRUCT TYPE A-8 CURB AND GUTTER PER CITY STD. 201
- 4 CONSTRUCT SIDEWALK PER CITY STD. 400 AND 401
- 7 UNDERGROUND S.C.E. POLES (BY OTHERS)
- 8 GRIND AND OVERLAY EXISTING A.C. 0.10' DEEP (FEATHER OVERLAY)
- 9 CONSTRUCT 8" A.C. DIKE PER CITY STD. 212
- 10 ADJUST TO GRADE
- 11 PROTECT IN PLACE
- 12 REMOVE AND RELOCATE
- 13 GRADE TO DRAIN
- 14 PROTECT IN PLACE EXISTING DRIVEWAY
- 16 CONSTRUCT CURB OUTLET PER CITY STD. 308 (MODIFIED) PER DETAIL ON SHEET 2
- 17 CONSTRUCT 18" THICK RIP RAP PER DETAIL ON SHEET 2
- 18 REMOVE EXISTING PAVEMENT
- 20 CONSTRUCT GROUDED RIP RAP SWALE PER DETAIL ON SHEET 2



**BID SET
8/1/11**



OPTION 1

Underground Service Alert
Call: TOLL FREE
1-880-422-4133

TWO WORKING DAYS BEFORE YOU DIG

The private engineer signing these plans is responsible for the accuracy and acceptability of the design herein. In the event of any discrepancy between the design herein and the actual conditions existing on the site, the contractor shall be responsible for determining the correct location and depth of any underground utility and for obtaining acceptable solutions and resubmitting the plans for approval by the City.

DESIGNED BY: [] ENGINEER: [] DRAWN BY: []

REVISIONS: []

CHECKED BY: []

APPROVED BY: [] DATE: []

APPROVED BY: [] DATE: []

CONSULTING ENGINEER: []

SEAL: [] REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF CALIFORNIA, LICENSE NO. C051047, EXPIRES 09-30-11

APPROVED BY: [] DATE: []

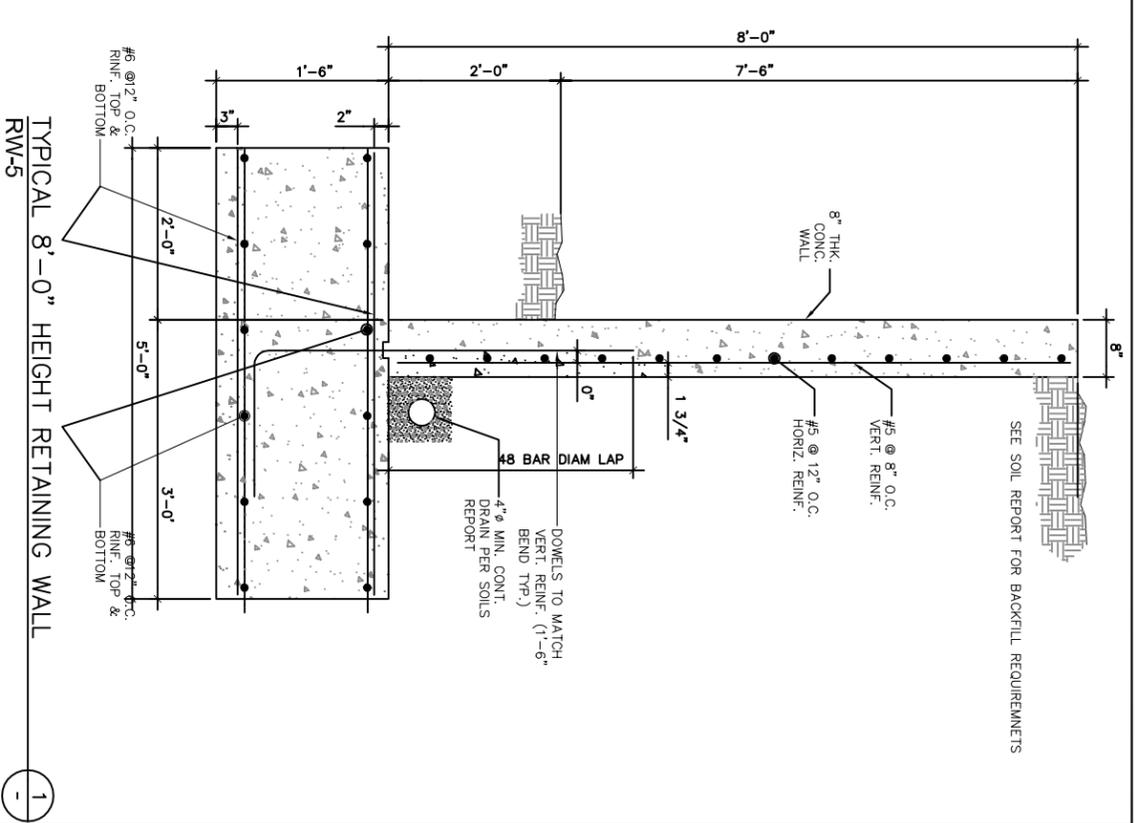
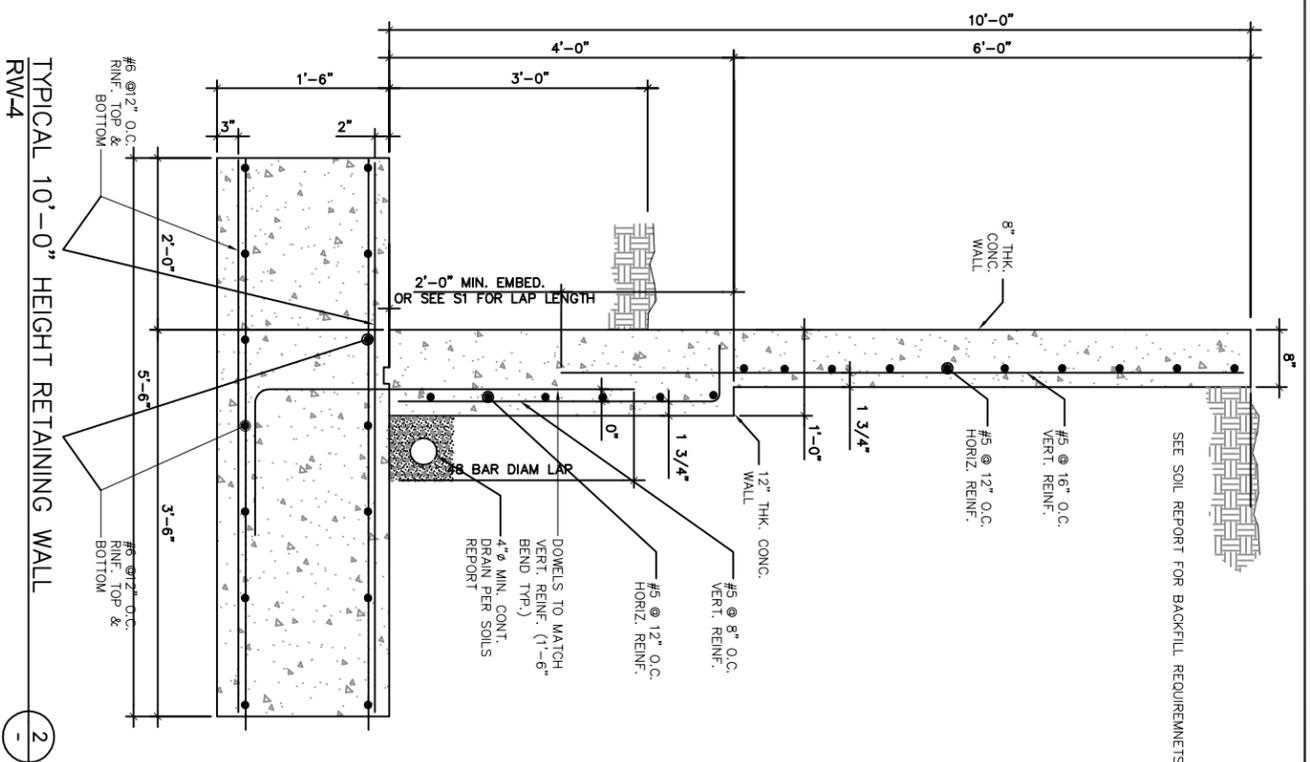
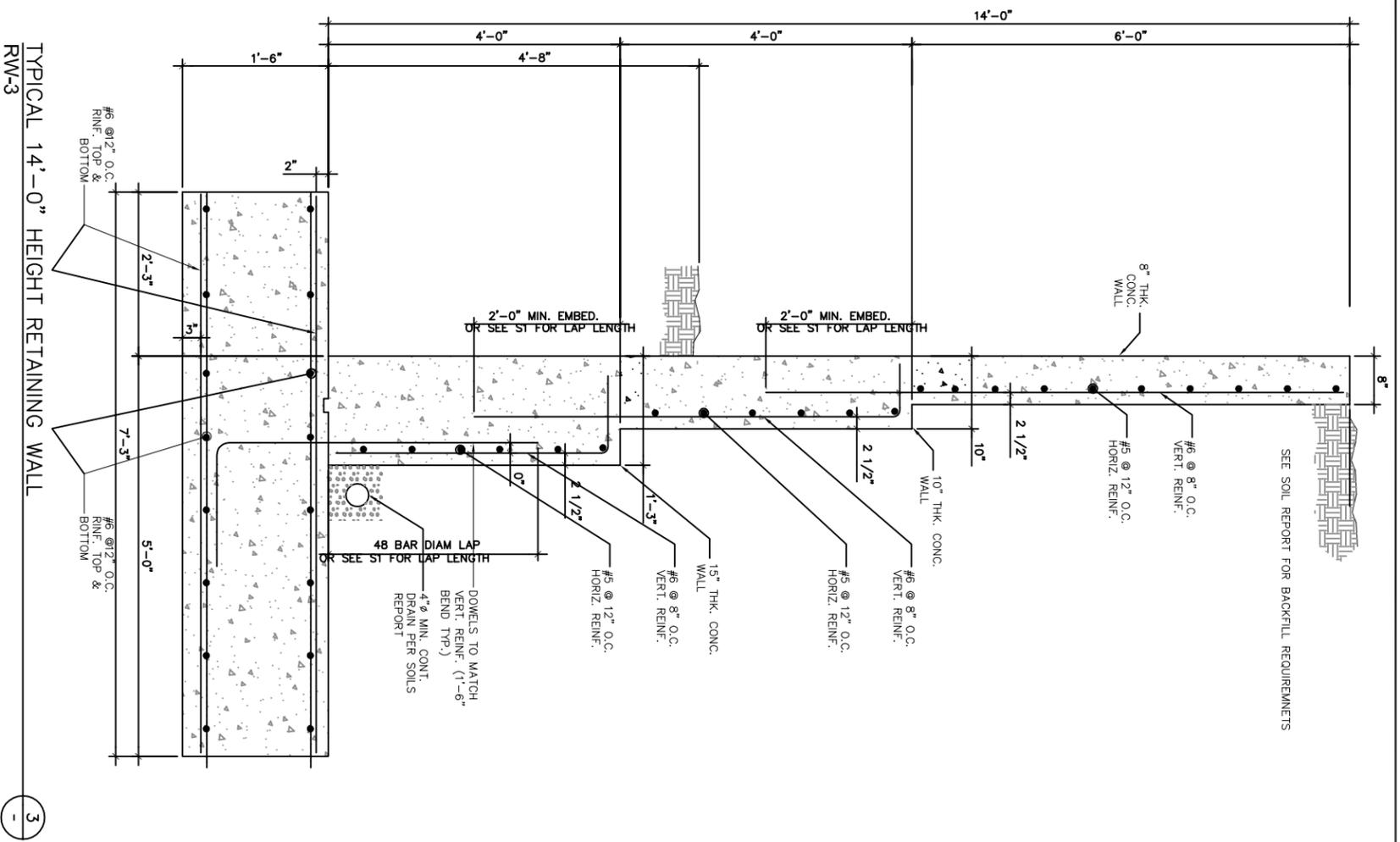
SCALE: 1"=40'

DATE: 8/1/2011

CITY OF BEAUMONT
STREET IMPROVEMENT PLANS
FOR BROOKSIDE AVE
FROM BEAUMONT AVE. TO 700 L.F. EASTERLY
STA. 10+00 TO 16+35.40

FOR The City of Beaumont W.O. U.C.-02-056

SHEET NO. 3
OF 3 SHEETS
FILE NO. 1809A



NOTE

1. CONSTRUCTION PLANS AND CALCULATIONS SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE 2010 EDITION
2. SOIL BEHIND RETAINING WALL MUST BE COMPACTED TO A MIN. 90% CONCRETE STRENGTH (F_c) FOR ALL CONCRETE AFTER 28 DAYS SHALL BE AT LEAST **4000** PSI

INSPECTION

1. CONTINUOUS SPECIAL INSPECTION IS REQUIRED PER CBC 2010 SECTION 1701. CONTINUOUS SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK AS DESCRIBED IN UBC SECTION 1701.5:
- 1.1 CONCRETE WALLS
- 1.2 FOR ALL CONCRETE WITH FC OVER 2500 PSI
2. APPROVAL BY THE INSPECTOR DOES NOT MEAN APPROVAL OF FAILURE TO COMPLY WITH THE PLANS OR SPECIFICATIONS. ANY DETAIL THAT FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE STRUCTURAL ENGINEER FOR INTERPRETATION OR CLARIFICATION.

ADDENDUM NO. 3

10/19/11

ALPHA ENGINEERING
CONSULTING STRUCTURAL ENGINEERS
1401 NORTH BATAVIA, SUITE 204
ORANGE, CA 92667
(714) 925-8900



TYPICAL 14'-0" HEIGHT RETAINING WALL

TYPICAL 10'-0" HEIGHT RETAINING WALL

TYPICAL 8'-0" HEIGHT RETAINING WALL

3

2

1

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

REGISTERED PROFESSIONAL ENGINEER
PUNJAB K. RAMDAS
C 78308
STATE OF CALIFORNIA

APPROVED BY: DATE: _____

ADMINISTRATIVE ENGINEER
BENCHMARK: 1-3/8" DIA. BRASS CAP MONUMENT MARKED 'CITY B.M. 2" LOCATED AT THE NORTHEAST CORNER OF BEAUMONT AVENUE AND 8TH STREET 50 FEET NORTHERLY AND 33 FEET EASTERLY OF CENTERLINE INTERSECTION 2 FEET NORTHERLY OF BENCHMARK CORNER ELEVATION = 1582, BENCH MARK NO. 025262

SCALE: _____
DATE: 10-19-2011

RECOMMENDED FOR APPROVAL

DESIGNED BY: _____

CHECKED BY: _____

APPROVAL DATE: _____

REVISIONS: _____

DATE: _____

DESIGNED BY: _____

CHECKED BY: _____

APPROVAL DATE: _____

REVISIONS: _____

DATE: _____

CITY OF BEAUMONT

BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE.
BETWEEN BEAUMONT AVE. AND OAK VIEW DR.

SITE RETAINING WALLS STRUCTURAL SECTIONS

W.O. _____

SHEET NO. **S-4**
OF 5 SHEETS

FILE NO. **1902**

GENERAL

1. ALL NEW CONSTRUCTION SHALL COMPLY WITH THE CONTRACT DOCUMENTS AND THE 2010 CALIFORNIA BUILDING CODE.
2. THESE GENERAL NOTES SUPERSEDE THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS, IN CASE OF CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, CONTACT THE OWNER'S REPRESENTATIVE.
3. REFERENCE TO CODES, RULES, REGULATIONS, STANDARDS, MANUFACTURER'S INSTRUCTIONS OR REQUIREMENTS OF REGULATORY AGENCIES IS TO THE LATEST PRINTED EDITION OF EACH IN EFFECT AT THE DATE OF SUBMISSION OF BID UNLESS THE DOCUMENT DATE IS SHOWN.
4. TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK EXCEPT WHERE SPECIFICALLY DETAILED OR UNLESS NOTED OTHERWISE (U.N.O.)
5. THE STRUCTURAL DRAWINGS ILLUSTRATE THE NEW STRUCTURAL MEMBERS - REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR NON-STRUCTURAL ITEMS WHICH REQUIRE SPECIAL PROVISIONS DURING THE CONSTRUCTION OF THE STRUCTURAL MEMBERS -
6. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR DEPRESSIONS - EDGE OF SLAB - OPENINGS - SLOPES - DRAINS - GIBBS - PANS - EMBEDED ITEMS - NON-BEARING PARTITIONS - ETC. - REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SLEEVES - OPENINGS - AND HANGERS FOR PIPES - DUCTS AND EQUIPMENT -
7. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL VERIFY ALL DIMENSIONS AND CONDITIONS WHICH IMPACT THE WORK. FIELD VERIFY SIZES, ELEVATIONS, HOLE LOCATIONS, ETC. PRIOR TO FABRICATION.
8. DRAWING DIMENSIONS ARE TO FACE OF FINISH, JOINT CENTERLINE OR COLUMN GRID CENTERLINE UNLESS NOTED OTHERWISE. DO NOT SCALE THE DRAWINGS.
9. CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS TO IDENTIFY THE SCOPE OF WORK REQUIRED. VISIT THE SITE TO RELATE THE SCOPE OF WORK TO EXISTING CONDITIONS AND DETERMINE THE EXTENT TO WHICH THOSE CONDITIONS AND PHYSICAL SURROUNDINGS WILL IMPACT THE WORK.
10. EXISTING CONDITIONS AS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S REPRESENTATIVE.
11. THE CONTRACTOR SHALL RESOLVE ANY CONFLICTS ON THE DRAWINGS OR IN THE SPECIFICATIONS WITH THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
12. ANY DEVIATION, MODIFICATION & SUBSTITUTION FROM THE APPROVED SET OF STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW/ APPROVAL. PRIOR TO ITS USE OR INCLUSION ON THE SHOP DRAWINGS & PRIOR TO PROCEEDING WITH THE WORK.
13. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORES, BRACES AND GUTS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURE AND COMPONENTS, SOILS, OTHER STRUCTURES AND UTILITIES MAY BE SUBJECTED DURING CONSTRUCTION. SHORING SYSTEMS SHALL BE DESIGNED AND STAMPED BY A CIVIL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. VISITS TO THE SITE BY THE OWNER'S REPRESENTATIVE WILL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS.
14. THE CONTRACTOR SHALL PROVIDE MEANS, METHOD, TECHNIQUES, SEQUENCE AND PROCEDURE OF CONSTRUCTION AS REQUIRED. SITE VISITS PERFORMED BY THE OWNER'S REPRESENTATIVE DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF CONSTRUCTION PERFORMED BY CONTRACTOR.
15. THE CONTRACTOR SHALL PROTECT ALL WORK, MATERIALS AND EQUIPMENT FROM DAMAGE AND SHALL PROVIDE PROPER STORAGE FACILITIES FOR MATERIALS AND EQUIPMENT DURING CONSTRUCTION.
16. STRUCTURAL OBSERVATIONS PERFORMED BY ENGINEER DURING CONSTRUCTION ARE NOT THE CONTINUOUS AND SPECIAL INSPECTION SERVICES AND DO NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING INSPECTOR OR THE DEPUTY INSPECTOR. OBSERVATIONS ALSO DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.

1. CONTINUOUS SPECIAL INSPECTION IS REQUIRED PER CBC 2010 SECTION 1701. CONTRACTOR'S SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK AS DESCRIBED IN UBC SECTION 1701.5:

- 1.1 CONCRETE WALLS.
- 1.2 FOR ALL CONCRETE WITH FC OVER 2500 PSI

2. APPROVAL BY THE INSPECTOR DOES NOT MEAN APPROVAL OF FAILURE TO COMPLY WITH THE SPECIAL INSPECTION REQUIREMENTS OF THE PLAN. FAILURE TO CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE STRUCTURAL ENGINEER FOR INTERPRETATION OR CLARIFICATION.

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 herein. In the event of discrepancies arising after city approval of drawings, construction, the private engineer shall be responsible for determining on-site conditions and resolving the plans to approval by the city.

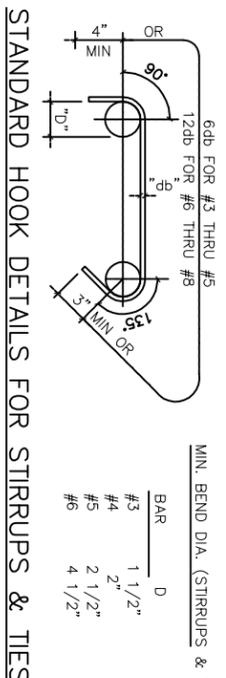
DESIGNED BY:	ENGINEER	DATE	BY	MARK
CHECKED BY:	ENGINEER	DATE	BY	MARK
APPROVED BY:	REGISTERED PROFESSIONAL ENGINEER	DATE	BY	MARK
REVISIONS	APPROVAL DATE	CITY	CHECKED BY:	DATE
DRAWN BY:	CHECKED BY:	DATE	APPROVAL	DATE

FOUNDATIONS

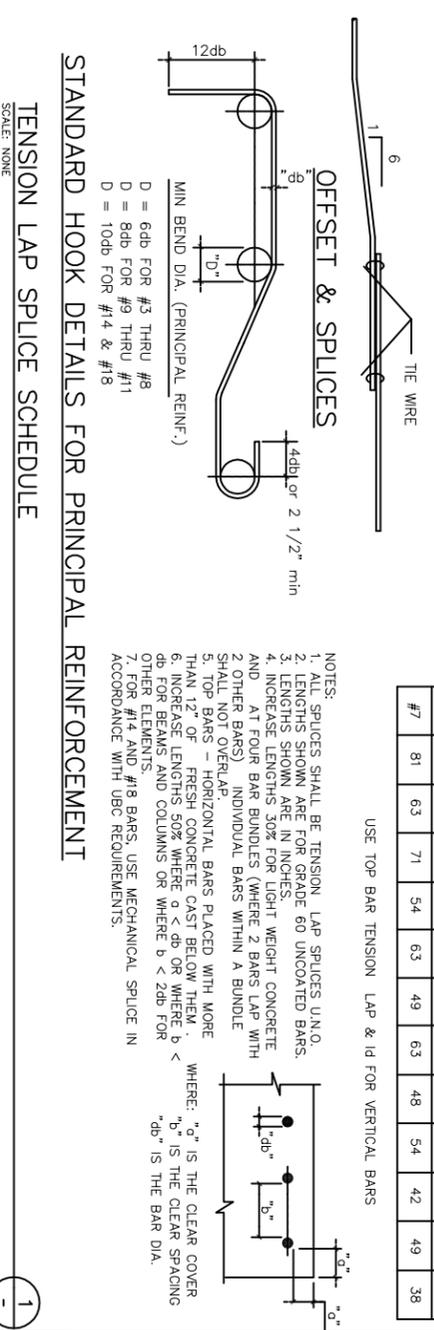
1. THE DESIGN OF THE FOUNDATION SYSTEM IS BASED UPON THE CRITERIA AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL INVESTIGATION REPORT.
2. THE GEOTECHNICAL INVESTIGATION REPORT INCLUDING ADDENDUMS AND ITS RECOMMENDATIONS SHALL BE FOLLORED AND SHALL BE CONSIDERED MINIMUM REQUIREMENTS UNLESS MORE STRINGENT REQUIREMENTS ARE PRESENTED IN THE SPECIFICATIONS OR ON THE DRAWINGS.
3. ALL RETAINING WALL FOOTINGS SHALL BE PLACED AT LEAST 18 INCHES INTO COMPACTED BEDROCK.
4. REMOVE LOOSE SOIL AND STANDING WATER FROM FOUNDATION EXCAVATIONS. PRIOR TO PLACING CONCRETE, THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE ALL EXCAVATIONS. SOIL COMPACTON WORK PRIOR TO PLACEMENT OF ANY REBAR OR CONCRETE. SHOPPING INSTALLATIONS, BACKFILL MATERIALS AND BACK FILLING PROCEDURES.
5. REMOVE ABANDONED FOOTINGS, UTILITIES, ETC. WHICH INTERFERE WITH NEW CONSTRUCTION, UNLESS OTHERWISE INDICATED.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION.
7. PLACE BACKFILL BEHIND RETAINING WALLS AFTER CONCRETE HAS ATTAINED FULL DESIGN STRENGTH. BRACE BUILDING WALLS BELOW GRADE FROM LATERAL LOADS UNTIL CONCRETE AND HAVE ATTAINED FULL DESIGN STRENGTH.

REINFORCEMENT

1. ALL REINFORCING SHALL CONFORM TO ASTM A615, 60 KSI UNLESS OTHERWISE NOTED.
 2. REINFORCING BARS SHALL HAVE THE FOLLOWING MINIMUM COVERAGE. PLACE BARS AS NEAR TO THE CONCRETE SURFACE AS THESE MINIMUMS PERMIT WHEREVER POSSIBLE UNLESS NOTED OTHERWISE:
- | | |
|---------------------------------------|---------------|
| COVER | MIN. CONCRETE |
| CONCRETE POURED AGAINST EARTH | 3" |
| FORMED CONCRETE IN CONTACT WITH EARTH | 2" |
| EXPOSED TO WEATHER (#6 AND LARGER) | 1-1/2" |
| SLABS & WALLS NOT EXPOSED TO WEATHER | 1" |
| NOT EXPOSED TO WEATHER | 1-1/2" |
3. #5 AND LARGER REINFORCING BARS SHALL NOT BE SPLICED EXCEPT AS LOCATED AND DETAILED ON THE DRAWINGS. #4 AND SMALLER BARS WITH LENGTH NOT SHOWN SHALL BE CONTINUOUS. LAPPING 1'-6" MINIMUM IN CONCRETE (SEE TYPICAL DETAILS). HORIZONTAL WALL SPLICES SHALL BE STAGGERED. VERTICAL BARS SHALL NOT BE SPLICED EXCEPT AT HORIZONTAL SUPPORT, SUCH AS FLOOR OR ROOF, UNLESS DETAILED OTHERWISE. ALL BARS ENDING AT THE FACE OF A WALL, COLUMN, OR BEAM SHALL EXTEND TO WITHIN 2" OF THE FAR FACE AND HAVE A 90 DEGREE HOOK UNLESS OTHERWISE SHOWN.
 4. BARS SHALL BE FIRMLY SUPPORTED AND ACCURATELY PLACED AS REQUIRED BY THE A.C.I. STANDARDS, USING TIE AND SUPPORT BARS IN ADDITION TO REINFORCEMENT SHOWN WHERE NECESSARY FOR FIRM AND ACCURATE PLACING. ALL DOWELS SHALL BE ACCURATELY SET IN PLACE BEFORE PLACING CONCRETE.
 5. DRAWINGS SHOW TYPICAL REINFORCING CONDITIONS. CONTRACTOR SHALL PREPARE DETAILED PLACEMENT DRAWINGS OF ALL CONDITIONS SHOWING QUANTITY, SPACING, SIZE, CLEARANCES, LAPS, INTERSECTIONS AND COVERAGE REQUIRED BY STRUCTURAL DETAILS. APPLICABLE CODE AND TRADE STANDARDS. CONTRACTOR SHALL NOTIFY REINFORCING INSPECTOR OF ANY ADJUSTMENTS FROM TYPICAL CONDITIONS THAT ARE PROPOSED IN PLACEMENT DRAWINGS TO FACILITATE FIELD PLACEMENT OF REINFORCING STEEL AND CONCRETE.

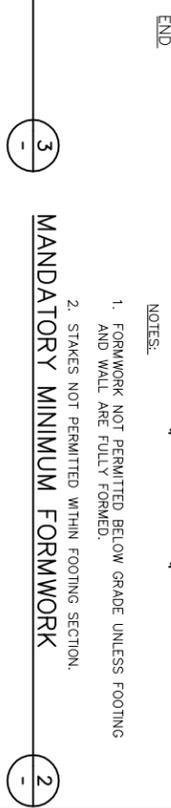
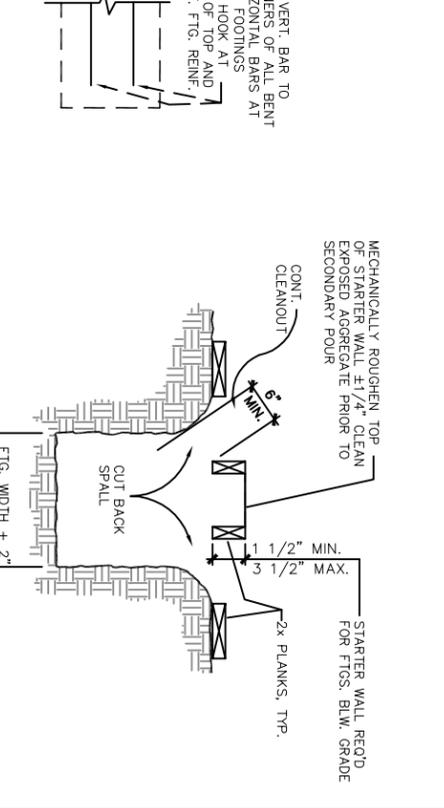


TEST	TENSION	LAP SPlice LENGTH (CLASS B)	DEVELOPMENT LENGTH (ld) (CLASS A)
#1	3000 PSI	4000 PSI	3000 PSI
#2	4000 PSI	5000 PSI	4000 PSI
#3	5000 PSI	6000 PSI	5000 PSI
#4	6000 PSI	7000 PSI	6000 PSI
#5	7000 PSI	8000 PSI	7000 PSI
#6	8000 PSI	9000 PSI	8000 PSI
#7	9000 PSI	10000 PSI	9000 PSI

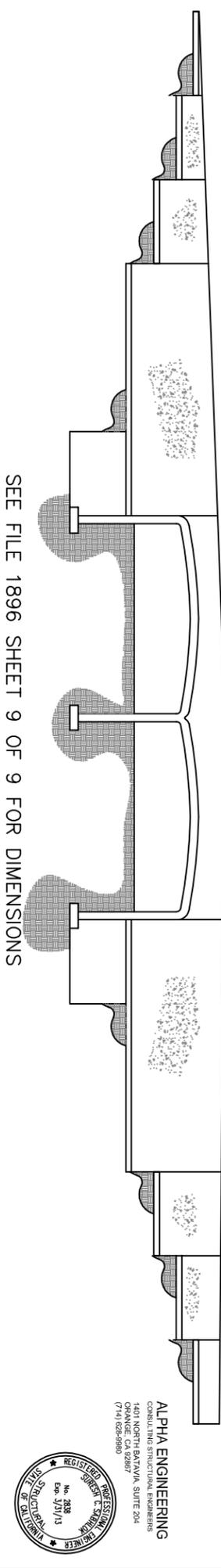


CONCRETE

1. CONCRETE IS REINFORCED AND CAST-IN-PLACE UNLESS OTHERWISE NOTED. DETAILS ARE NOT GIVEN. PROVIDE REINFORCING SIMILAR TO THAT SHOWN FOR SIMILAR CONDITIONS. SUBJECT TO REVIEW BY THE OWNER'S REPRESENTATIVE.
 2. ALL STRUCTURAL CONCRETE SHALL BE NORMAL WEIGHT & HAVE A MINIMUM COMPRESSIVE STRENGTH AS FOLLOWS:
- | | |
|---------------------|---|
| ALL CONCRETE WORK : | 4000 PSI AT 28 DAYS WITH W/C RATIO = 0.45 |
|---------------------|---|
3. ALL STRUCTURAL CONCRETE MIXES SHALL BE TYPE V CEMENT.
 4. NORMAL WEIGHT CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33. LIGHT WEIGHT CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-350.
 5. NO MORE THAN ONE GRADE OF CONCRETE SHALL BE ON THE JOB SITE AT ANY ONE TIME.
 6. THOROUGHLY CLEAN AND ROUGHEN ALL HARDENED CONCRETE AND MASONRY SURFACES TO RECEIVE NEW CONCRETE. INTERFACE SHALL BE ROUGHENED TO A FULL AMPLITUDE OF 1/4" UNLESS NOTED OTHERWISE.
 7. KEY AND DOWEL POUR JOINTS AS SHOWN ON THE PLANS. ANY DEVIATION FROM POUR JOINTS SHOWN ON THE PLANS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
 8. NON-SHRINK CEMENT GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 7000 PSI. USE FIVE STAR GROUT (RR # 23616) OR "MASTIFFLOW 928" (RR # 23157).
 9. DEFECTIVE CONCRETE (BOIDS, ROCK POCKETS, HONEYCOMBS, CRACKING, ETC.) SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.



ADDENDUM NO. 3
 10/19/11



SEE FILE 1896 SHEET 9 OF 9 FOR DIMENSIONS



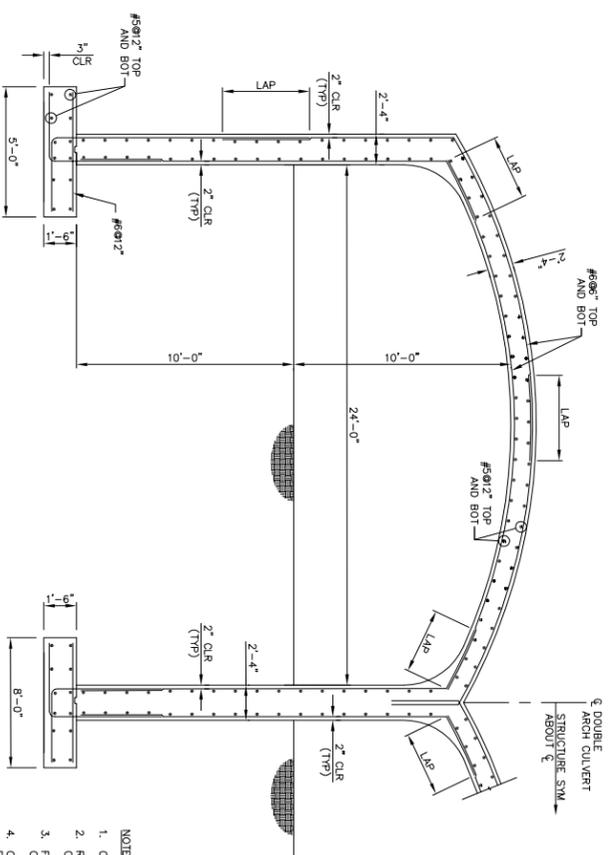
APPROVED BY: _____ DATE: _____
 ADMINISTRATIVE ENGINEER
 BENCHMARK:
 1-3/8" DIA. BRASS CAP MONUMENT MARKED 'CITY B.M. 2' LOCATED AT THE NORTHEAST CORNER OF BEAUMONT AVENUE AND 8TH STREET 50 FEET NORTHERLY AND 33 FEET EASTERLY OF CENTERLINE INTERSECTION 2 FEET NORTHERLY OF BEGINNING OF CURVE. ELEVATION = 1982. BENCH MARK NO. 025262

Urban Logic Consultants
 48517 Ridge Park Drive, Suite 200
 Temecula, California 92590
 Tel: (951) 678-1944 Fax: (951) 678-8064

CITY OF BEAUMONT
 BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR.
 SHEET NO. **S-3**
 OF 5 SHEETS.
 FILE NO. **1902**

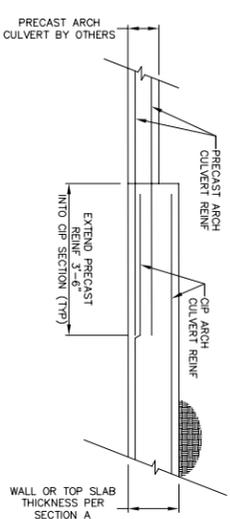


ALPHA ENGINEERING
 CONSULTING STRUCTURAL ENGINEERS
 1401 NORTH BATAVIA, SUITE 204
 ORANGE, CA 92667
 (714) 925-8900

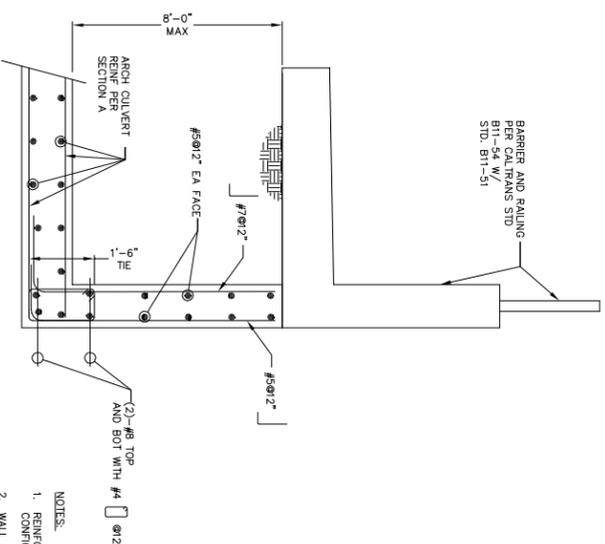


A CIP ARCH CULVERT SECTION

- NOTES:
1. CIP ARCH CONFIGURATION TO MATCH PRECAST ARCH.
 2. REINFORCING TO BE CONFIRMED WITH FINAL PRECAST ARCH CONFIGURATION.
 3. FOUNDATION SIZES TO BE CONFIRMED WITH FINAL PRECAST ARCH CONFIGURATION.
 4. CIP ARCH AND WALL THICKNESS TO BE CONFIRMED AFTER SUBMITTAL OF PRECAST ARCH DRAWINGS AND CALCULATIONS.
 5. DIMENSIONS AND REINFORCING FOR CIP ARCH AND FOUNDATIONS ARE ESTIMATED BASED ON A RIGID STRUCTURE DESIGN. FINAL DESIGN SHALL BE BY CONTRACTOR AND MAYBE DESIGN AS A RIGID STRUCTURE OR UTILITY/ SOIL INTERACTION.

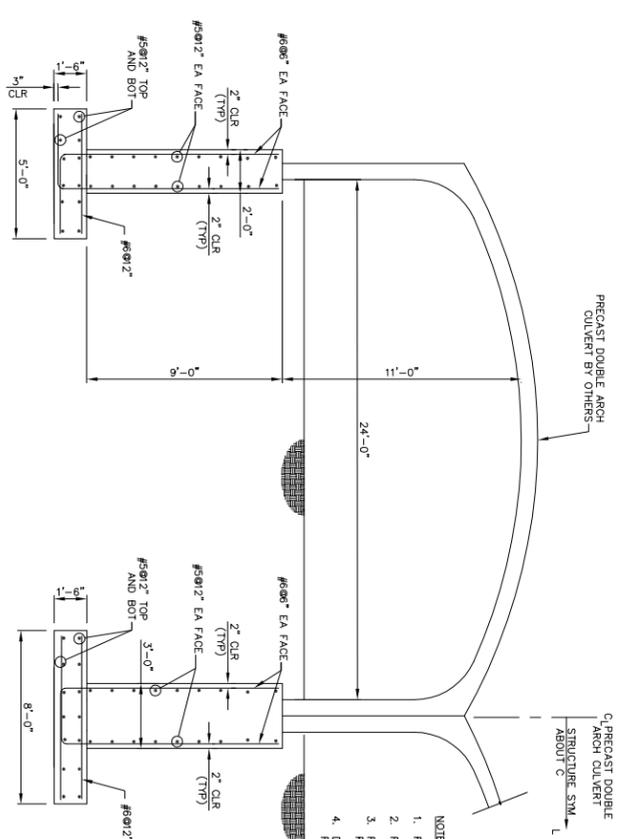


1 PRECAST TO CIP ARCH CULVERT CONNECTION DETAIL



B HEADWALL SECTION

- NOTES:
1. REINFORCING TO BE CONFIRMED WITH FINAL PRECAST ARCH CONFIGURATION.
 2. WALL THICKNESS TO BE CONFIRMED AFTER SUBMITTAL OF PRECAST ARCH DRAWINGS AND CALCULATIONS.
 3. DIMENSIONS AND REINFORCING FOR CIP HEADWALLS ARE ESTIMATED FOR BID PURPOSES ONLY. FINAL DESIGN SHALL BE BY CONTRACTOR.



C PRECAST ARCH CULVERT SECTION

- NOTES:
1. REINFORCING TO BE CONFIRMED WITH FINAL PRECAST ARCH CONFIGURATION.
 2. FOUNDATION SIZES TO BE CONFIRMED WITH FINAL PRECAST ARCH CONFIGURATION.
 3. FINAL FOUNDATION CONFIGURATION TO BE CONFIRMED AFTER SUBMITTAL OF PRECAST ARCH DRAWINGS AND CALCULATIONS.
 4. DIMENSIONS AND REINFORCING FOR ARCH AND FOUNDATIONS ARE ESTIMATED BASED ON A RIGID STRUCTURE DESIGN. FINAL DESIGN SHALL BE BY CONTRACTOR.

ADDENDUM NO. 3
10/19/11

CH2 DESIGN ASSOCIATES, INC.
 3001 REDHILL AVE., SUITE 6-206
 ORANGE, CA 92667
 PHONE: (714) 927-8880



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

DATE	BY	MARK	REVISIONS	APPRO. DATE
DESIGNED BY:	ENGINEER			CITY
DRAWN BY:				

RECOMMENDED FOR APPROVAL



APPROVED BY DATE

Urban Logic Consultants
 45517 Ridge Park Drive, Suite 200
 Temecula, California 92590
 Tel: (951) 678-1944 Fax: (951) 678-2054

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

FOR W.O. SHEET NO. S-2 OF 5 SHTS. FILE NO. 1902

The private engineer signing these plans is responsible for the design and construction of the project. The engineer shall be responsible for any discrepancies arising after city approval of during construction. The private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.

GENERAL NOTES

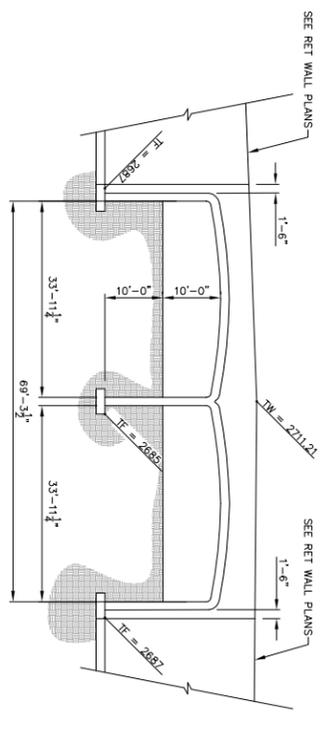
1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SHORING FOR ALL STRUCTURAL MEMBERS DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT ALL EXISTING FACILITIES. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
4. GOVERNING CODE IS THE ASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 4TH EDITION WITH CALIFORNIA AMENDMENTS.

CONCRETE NOTES

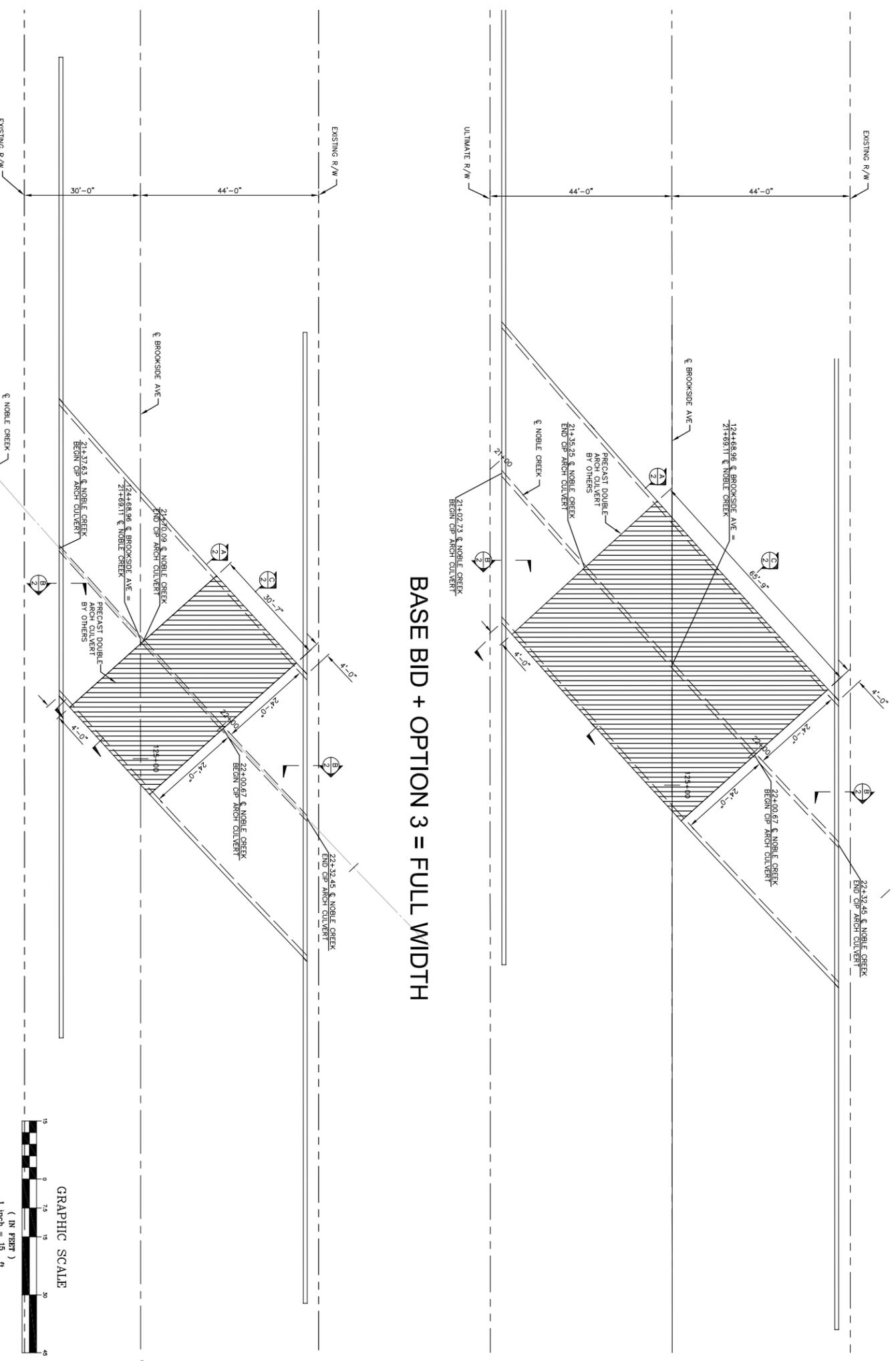
1. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
2. ALL EMBEDDED ITEMS SHALL BE IN PLACE PRIOR TO PLACING CONCRETE.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60.
4. WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A-185.
5. ALL REINFORCING SHALL BE LAPPED 48 BAR DIAMETERS OR 12 INCHES, WHICHEVER IS GREATER.
6. CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:
 CONCRETE CAST AGAINST EARTH 3"
 CONCRETE EXPOSED TO EARTH OR WEATHER 2"
 SLABS ON GRADE 1-1/2"
7. ALL ANCHOR BOLTS SHALL BE HEADED BOLTS WITH HEAVY HEX NUTS CONFORMING TO ASTM A-307.
8. PROVIDE EXPANSION JOINTS AT 40' MAXIMUM SPACING.
9. PLACE CONCRETE ON UNDISTURBED EARTH OR COMPACTED SOIL WITH 90% COMPACTION.
10. SEE STREET IMPROVEMENT PLANS FOR UTILITY DISPOSITIONS.
11. SEE RETAINING WALL PLANS FOR RETAINING WALL DETAILS.
12. SEE STREET PLANS FOR CONCRETE BARRIER DETAILS.
13. SEE STREET IMPROVEMENT PLANS FOR GRADING INFORMATION.
14. FOUNDATION AND GP ARCH SIZES AND REINFORCING BASED ON FOUNDATION AND GP ARCH SIZES AND REINFORCING BASED ON UPON FINAL SELECTION OF PRECAST ARCH CULVERT.
15. BOTH BASE BID AND OPTION 3 SHOWN. SEE BID INFORMATION FOR BIDDING INSTRUCTIONS.

PRECAST CULVERT NOTES

1. CULVERT AND CULVERT END SECTION DESIGN SHALL CONFORM TO WITH CALIFORNIA AMENDMENTS.
2. DESIGN LIVE LOAD: H-19.5. NO CONSTRUCTION LOADING IN EXCESS OF DESIGN LIVE LOAD SHALL BE APPLIED TO THE CULVERT. THE CONTRACTOR SHALL SUBMIT A PROPOSAL INCLUDING A DESIGN ANALYSIS APPROVE THE ANTICIPATED CONSTRUCTION LOADS. THE CONTRACTOR SHALL PROVIDE THE DESIGN OF FILL OVER THE CULVERT AS REQUIRED BY ANALYSIS HAS BEEN SUBMITTED TO THE ENGINEER FOR REVIEW. THE CONTRACTOR SHALL OVER THE CULVERT PRIOR TO APPLYING THE CONSTRUCTION LOAD. ALL COSTS ASSOCIATED WITH ACCOMMODATING ANY CONSTRUCTION LOADS SHALL BE BORNE BY THE CONTRACTOR.
3. THE DESIGN OF THE BARREL SECTIONS SHALL BE BASED ON A MINIMUM FILL HEIGHT OF 1 FOOT AND INCLUDE ALL SUBSEQUENT OF 10:1 OVER THE CULVERT.
4. MINIMUM PRECAST SECTION LENGTH SHALL BE 4 FT.
5. LIFT HOLES SHALL BE PLUGGED WITH AN APPROVED NONSHRINKABLE GROUT.
6. INSTALLATION OF THE PRECAST SECTIONS SHALL BE IN ACCORDANCE WITH THE FINAL APPROVED SHOP DRAWINGS.
7. CULVERT SECTIONS SHALL BE PREPARED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER AND SHALL BE SUBMITTED FOR APPROVAL.
8. CONCRETE MIX DESIGN SHALL BE AS PER FABRICATOR'S DESIGN. HOWEVER CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI AT 28 DAYS.
9. THE CONTRACTOR SHALL INITIALLY SUBMIT 3 COPIES OF THE SHOP PLANS AND DESIGN CALCULATIONS FOR REVIEW.
10. GEOTECHNICAL DESIGN INFORMATION PER SLOBERG ENGINEERING REPORT NO. 042-110904, DATED MAY 6, 2011.



ELEVATION



BASE BID

ADDENDUM NO. 3
10/19/11

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



CHD DESIGN ASSOCIATES, INC.
 3001 REDHILL AVE., Suite 6-206
 ORANGE, CA 92667
 PHONE: (714) 927-8880

4401 NORTH BATAVIA, SUITE 204
 ORANGE, CA 92667
 (714) 928-9880

Underground Service Alert
 Call: TOLL FREE
 1-800-227-2800
 TWO WORKING DAYS BEFORE YOU DIG

DESIGNED BY:	DATE:	APPROVED BY:	DATE:
ENGINEER:	CITY:	CHECKED BY:	DATE:
REVISIONS:			
DRAWN BY:			
CHECKED BY:			

RECOMMENDED FOR APPROVAL

The private engineer signing these plans is responsible for the design and construction of the project. The engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.

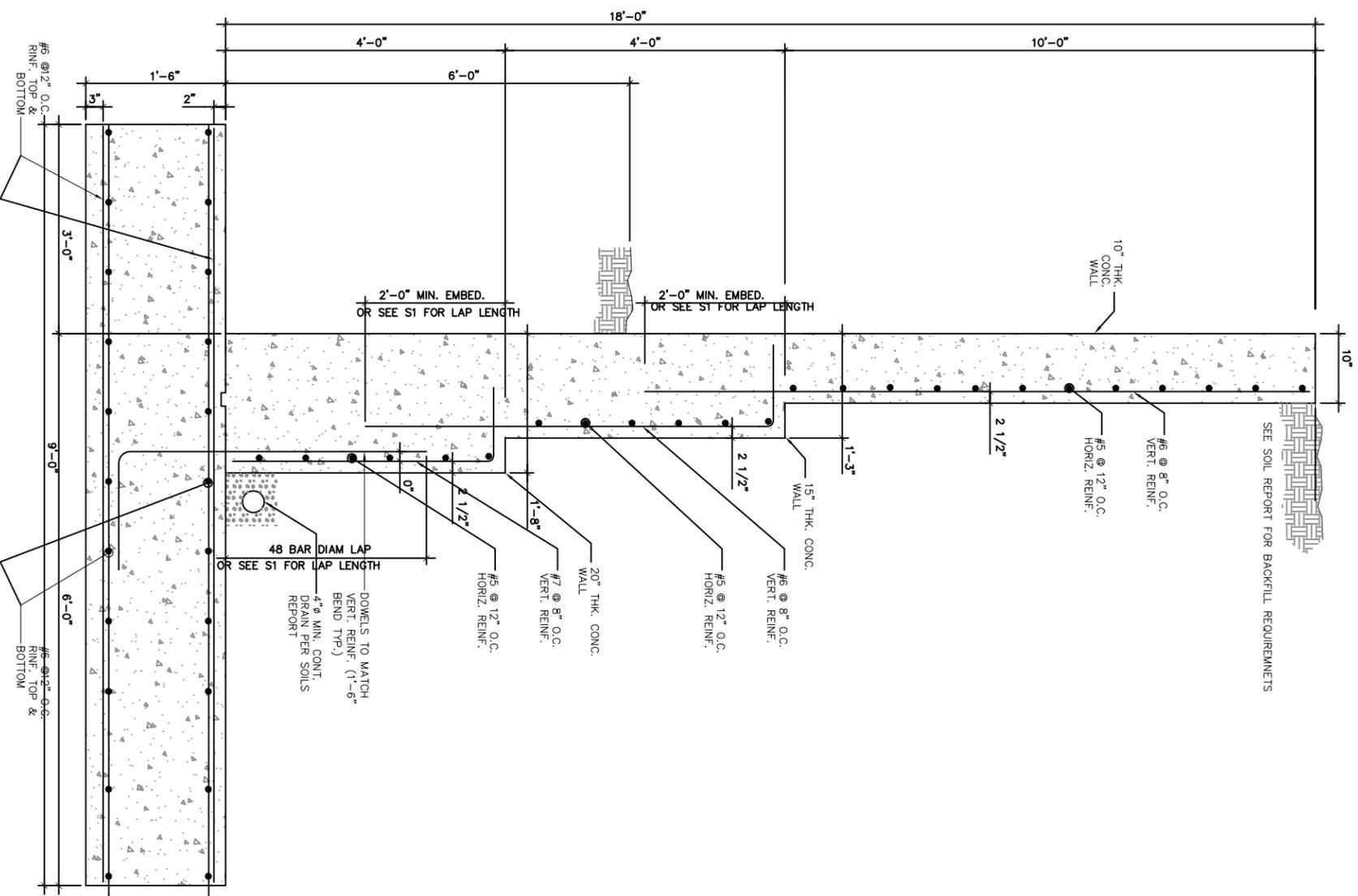
APPROVED BY: DATE: APPROVED BY: DATE:

SEAL

APPROVED BY: DATE:

Urban Logic Consultants
 45517 Ridge Park Drive, Suite 200
 Temecula, California 92590
 Tel: (951) 678-1944 Fax: (951) 678-2054

SHEET NO. S-1
 OF 5 SHITS.
 FILE NO. 1902



TYPICAL 18'-0" HEIGHT RETAINING WALL
RW-2

NOTE
 1. CONSTRUCTION PLANS AND CALCULATIONS SHALL COMPLY WITH ALL OF REQUIREMENTS OF THE CALIFORNIA BUILDING CODE 2007 EDITION
 2. SOIL BEHIND RETAINING WALL MUST BE COMPACTED TO A MIN. 90%
 3. CONCRETE STRENGTH (f'c) FOR ALL CONCRETE AFTER 28 DAYS SHALL BE AT LEAST **4000** PSI

INSPECTION
 1. CONTINUOUS SPECIAL INSPECTION IS REQUIRED PER CBC 2010 SECTION 1701. CONTINUOUS SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK AS DESCRIBED IN UBC SECTION 1701.5:
 1.1 CONCRETE WALLS
 1.2 FOR ALL CONCRETE WITH FC OVER 2500 PSI
 2. APPROVAL BY THE INSPECTOR DOES NOT MEAN APPROVAL OF FAILURE TO COMPLY WITH THE PLANS OR SPECIFICATIONS. ANY DETAIL THAT FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE STRUCTURAL ENGINEER FOR INTERPRETATION OR CLARIFICATION.

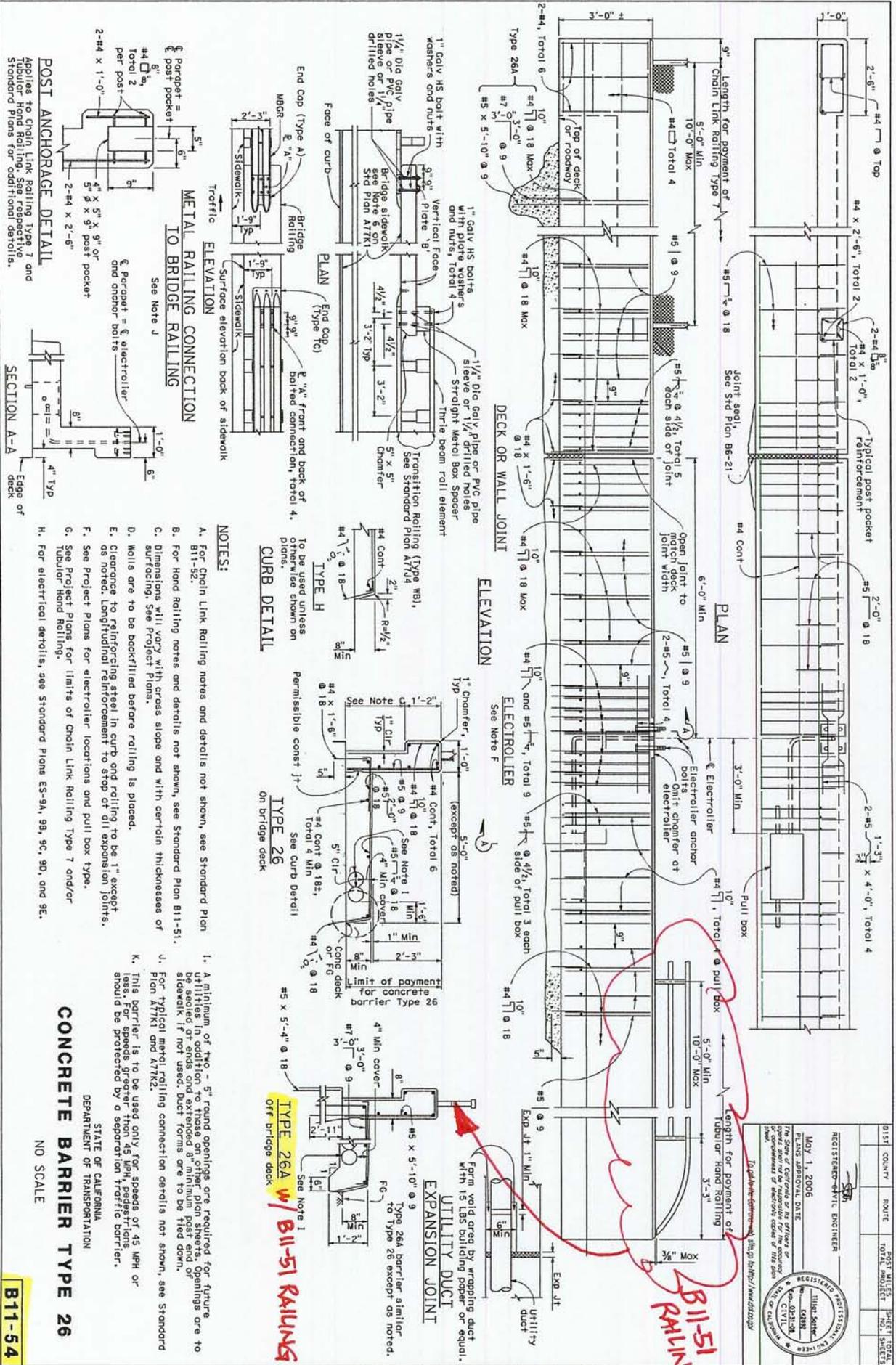
4

ADDENDUM NO. 3
 10/19/11



ALPHA ENGINEERING
 CONSULTING STRUCTURAL ENGINEERS
 1401 NORTH BATAVIA, SUITE 204
 ORANGE, CA 92667
 (714) 925-8900

		Underground Service Alert Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG	
DESIGNED BY:	ENGINEER	DATE:	CITY:
DRAWN BY:	REVISIONS	CHECKED BY:	DATE:
RECOMMENDED FOR APPROVAL		SEAL 	APPROVED BY: _____ DATE: _____
ADMINISTRATIVE ENGINEER BENCHMARK: 1-3/8" DIA. BRASS CAP MONUMENT MARKED "CITY B.M. 2" LOCATED AT THE NORTHEAST CORNER OF BEAUMONT AVENUE AND 8TH STREET 50 FEET NORTHERLY AND 33 FEET EASTERLY OF CENTERLINE INTERSECTION 2 FEET NORTHERLY OF BEGINNING OF CURB ELEVATION = 1582, BENCH MARK NO. 02582		SCALE: Urban Logic Consultants 43517 Ridge Park Drive, Suite 200 Temecula, California 92590 Tel: (951) 678-1944 Fax: (951) 678-8054	DATE: 10-19-2011
CITY OF BEAUMONT BRIDGE & STREET IMPROVEMENT PLANS @ BROOKSIDE AVE. BETWEEN BEAUMONT AVE. AND OAK VIEW DR.		SHEET NO. S-5 OF 5 SHITS.	FOR: _____ W.O. _____
FILE NO. 1902			



POST ANCHORAGE DETAIL
Applies to Chain Link Railing Type 7 and Tubular Hand Railing. See respective Standard Plans for additional details.

SECTION A-A
Edge of deck

NOTES:
A. For Chain Link Railing notes and details not shown, see Standard Plan B11-52.
B. For Hand Railing notes and details not shown, see Standard Plan B11-51.
C. Dimensions will vary with cross slope and with certain thicknesses of surfacing. See Project Plans.
D. Walls are to be backfilled before rolling is placed.
E. Clearance to reinforcing steel in curb and railing to be 1" except as noted. Longitudinal reinforcement to stop of all expansion joints.
F. See Project Plans for electrolier locations and pull box type.
G. See Project Plans for limits of Chain Link Railing Type 7 and/or Tubular Hand Railing.
H. For electrical details, see Standard Plans ES-94, 98, 9C, 9D, and 9E.

CONCRETE BARRIER TYPE 26
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
NO SCALE
B11-54

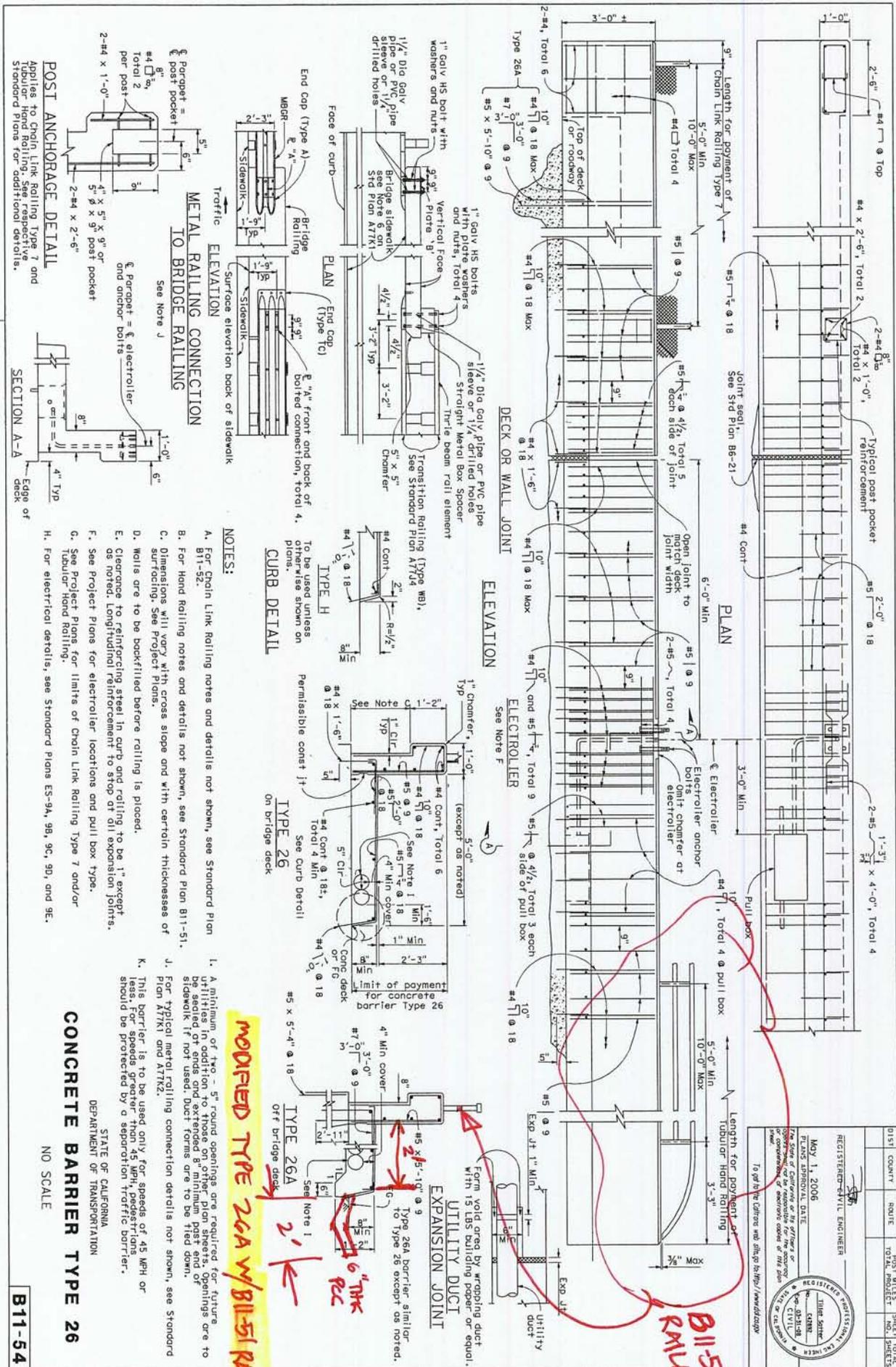
2006 STANDARD PLAN B11-54

REGISTERED PROFESSIONAL ENGINEER
MAY 1, 2006
ILLIAC, INC.
REGISTERED PROFESSIONAL ENGINEER
MAY 1, 2006
ILLIAC, INC.
REGISTERED PROFESSIONAL ENGINEER
MAY 1, 2006
ILLIAC, INC.

B11-51 RAILING

TYPE 26A w/ B11-51 RAILING

Return to Table of Contents



DIST.	COUNTY	ROUTE	POST MILES	SHEET TOTAL
			TOTAL PROJECT	TOTAL SHEETS
REGISTERED CIVIL ENGINEER MAY 1, 2006 PLANS APPROVAL DATE THE STATE OF CALIFORNIA REGISTERED CIVIL ENGINEER LICENSE NO. 45113 I am the Engineer of Record for the project shown on these plans. I get the Office and Stamp from: <i>Handwritten</i>				

CONCRETE BARRIER TYPE 26

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

NO SCALE

B11-54

MODIFIED TYPE 26A w/ B11-51 RAILING

B11-51 RAILING

6" THK REC

2' ←

2' ←

EXPANSION JOINT

UTILITY DUCT

Form void area by wrapping duct with 15 LBS building paper or equal.

- NOTES:**
- For Chain Link Rolling notes and details not shown, see Standard Plan B11-52.
 - For Hand Rolling notes and details not shown, see Standard Plan B11-51.
 - Dimensions will vary with cross slope and with certain thicknesses of surfacing. See Project Plans.
 - Walls are to be backfilled before railing is placed.
 - Clearance to reinforcing steel in curb and rolling to be 1" except as noted. Longitudinal reinforcement to stop at all expansion joints.
 - See Project Plans for electrical locations and pull box type.
 - See Project Plans for limits of Chain Link Rolling Type 7 and/or Tubular Hand Rolling.
 - For electrical details, see Standard Plans ES-94, 99, 9C, 9D, and 9E.
- POST ANCHORAGE DETAIL**
- Applies to Chain Link Rolling Type 7 and Standard Hand Rolling. See respective Standard Plans for additional details.
- METAL RAILING CONNECTION TO BRIDGE RAILING**
- See Note J
- CURB DETAIL**
- To be used unless otherwise shown on plans.
- EXPANSION JOINT**
- Form void area by wrapping duct with 15 LBS building paper or equal.

