

COOPERATIVE AGREEMENT BETWEEN THE CITY OF SANTA ANA AND THE CITY OF COSTA MESA FOR THE CONSTRUCTION OF THE SANTA ANA DELHI DIVERSION FORCED SEWER MAIN UNDER BRISTOL STREET FROM BAKER TO NEWPORT BEACH BOULEVARD

This cooperative agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2016, by and between the CITY OF COSTA MESA, a municipal corporation ("COSTA MESA"), and the CITY OF SANTA ANA, a municipal corporation ("SANTA ANA").

RECITALS:

- A. WHEREAS, the City of Santa Ana, Orange County Flood Control District, the County of Orange, the City of Newport Beach, the City of Costa Mesa, and the Irvine Ranch Water District are all parties to a separate agreement for the construction, maintenance, and operation of the Santa Ana Delhi-Diversion Channel Project ("Diversion Channel Project"); which is a collaborative effort to address regional water quality issues, and
- B. WHEREAS, one aspect of the Diversion Channel Project's proposed plan is to install, operate, and maintain forced sewer main pipelines within public street right-of-way of COSTA MESA, and
- C. WHEREAS, COSTA MESA agreed to contribute to the Diversion Channel Project a lump sum amount of \$600,000, and
- D. WHEREAS, in a separate and different project to begin before construction of the Diversion Channel Project, COSTA MESA will hire its own contractor to perform certain work in the median on Bristol Street within the city of COSTA MESA ("Bristol Street Median Project"), and
- E. WHEREAS, to benefit the Diversion Channel Project in terms of time and cost savings, COSTA MESA is agreeable to having its contractor for the Bristol Street Median Project, perform that portion of the Diversion Channel Project which calls for forced sewer main pipelines to be installed within Bristol Street between Baker Street to Newport Boulevard; as shown in Exhibit A, and
- F. WHEREAS, COSTA MESA desires, therefore, that COSTA MESA'S lump sum financial obligation to the Diversion Channel Project be offset by the cost of work performed by its contractor on the Bristol Street Median Project related to installing the forced sewer main pipeline, and
- G. WHEREAS, SANTA ANA is agreeable to advancing to COSTA MESA the funds required to cover the costs incurred by COSTA MESA to pay its contractor on the Bristol Street Median Project to install the forced sewer main pipeline ("Advanced Expended Funds");

as specified in Exhibit B; and

- H. WHEREAS, COSTA MESA shall reimburse SANTA ANA without interest the Advanced Expended Funds on or before January 31, 2017, and
- I. WHEREAS, the Diversion Channel Project is being designed by SANTA ANA, including that portion to be constructed and installed by COSTA MESA'S contractor on the Bristol Street Median Project, as shown in Exhibit "A," attached hereto and incorporated by this reference, and
- J. WHEREAS, for purposes of regulatory environmental review, SANTA ANA is the lead agency on the Diversion Channel Project and COSTA MESA is the lead agency on the Bristol Street Median Project, and
- K. WHEREAS, that portion of the Diversion Channel Project that is being constructed and installed by COSTA MESA'S contractor as part of the Bristol Street Median Project is declared by SANTA ANA to be categorically exempt under Section 15301 of the California Environmental Quality Act (CEQA) Guidelines – Class 1(c), (Existing Highways and Streets, Sidewalks, Gutters, Bicycle and Pedestrian Trails, and similar Facilities).

NOW, THEREFORE, the parties agree as follows:

A. COSTA MESA Rights and Duties:

- 1. COSTA MESA shall be the lead agency for construction of the Bristol Median Project and shall incorporate into said project, construction of that portion of the Diversion Channel Project to be constructed and installed by COSTA MESA'S contractor on the Bristol Street Median Project, as shown in Exhibit "A" ("Forced Sewer Main Pipeline") COSTA MESA shall provide all construction management. COSTA MESA shall be solely responsible for the administration and performance of the contract awarded to the contractor for the construction of the Bristol Median Project and Forced Sewer Main Pipeline.

COSTA MESA shall use the Advanced Expended Funds, in the amount not to exceed \$1,100,000.00, for the sole purpose of paying for construction and construction management costs associated with installation of the Forced Sewer Main Pipeline. No work on the Forced Sewer Main Pipeline shall commence until the Santa Ana-Delhi Channel Diversion Project Agreement D15-013 has been approved by all of the Funding Partners, within that agreement. In the event that the Agreement D15-13 is not approved by all of the Funding Partners or, after approval it is later determined that the Diversion Channel will not go forward for any reason, COSTA MESA shall reimburse SANTA ANA the \$1,100,000.00 within forty five (45) calendar days of said determination; provided however, if such a determination is made after COSTA MESA'S contractor has already completed work on the Forced Sewer Main Pipeline, then COSTA MESA shall withhold from reimbursement the actual costs of

construction/installation of the Forced Sewer Main Pipeline; and if such determination is made before construction begins, but after COSTA MESA'S contractor bid for and was awarded the contract, then COSTA MESA shall withhold from reimbursement the costs incurred by its contractor to secure the award of contract for the Forced Sewer Main Pipeline work that will not be going forward and for related claims by the contractor.

2. COSTA MESA shall reimburse SANTA ANA, without interest, the COSTA MESA's portion of the Advanced Expended Funds of \$600,000 on or before January 31, 2017.
3. Change orders associated with the Forced Sewer Main Pipeline must receive the written approval of the City Engineer of SANTA ANA prior to implementation, which approval shall not be unreasonably withheld. SANTA ANA shall have a minimum of five (5) working days to review and approve change orders.
4. COSTA MESA shall provide SANTA ANA final record drawings for the Forced Sewer Main Pipeline portion of the Bristol Median Project within sixty (60) days of the completion and acceptance of construction.

**B. SANTA ANA Rights and Duties:**

1. SANTA ANA shall have the right to enter and inspect the Forced Sewer Main Pipeline and the Bristol Median Project at all times for the purposes of overseeing COSTA MESA; lead agency functions and the work being performed by COSTA MESA's contractor, provided however, SANTA ANA shall indemnify, defend, and hold harmless COSTA MESA from any and all claims of damages or injury to SANTA ANA representatives while on the project premises
2. SANTA ANA shall transfer and give to COSTA MESA within thirty (30) days of the effective date of this Agreement, the Advanced Expended Funds totaling One Million and One Hundred Thousand Dollars (\$1,100,000.00).
3. SANTA ANA shall review all requests for progress payments for the Forced Sewer Main Pipeline; and shall approve or disapprove said request with five (5) business days of receipt of same by SANTA ANA. SANTA ANA shall timely provide necessary information and/or documents to substantiate its disapproval of a progress payment request.

**C. JOINT RIGHTS AND DUTIES:**

1. Responsibilities, Obligations and Mutual Indemnity:
  - a. GOVERNING LAW & VENUE - This Agreement shall be governed by and construed under the laws of the State of California. In the event of any legal action to enforce or interpret this Agreement, the sole and exclusive venue shall be a court

of competent jurisdiction located in Orange County, California, and the Parties hereto agree to and do hereby submit to the jurisdiction of such court, notwithstanding the provisions of Code of Civil Procedure Section 394. The Parties agree to waive any and all rights to request that an action be transferred for trial to another County.

- b. NOTICES - Any notice or other written instrument required or permitted by this Agreement to be given to any Party shall be deemed received when personally served or transmitted by facsimile, or forty-eight (48) hours after being deposited in the U.S. Mail, postage prepaid, First Class or certified, and addressed as follows:

City of Santa Ana	City of Costa Mesa
Tyrone Chesanek	Baltazar Mejia
Principal Civil Engineer	Acting City Engineer
20 Civic Center Plaza, M-22 P.O. Box 1988 Santa Ana, CA 92702	Public Services 77 Fair Drive, 4th Floor Costa Mesa, CA. 92626

- c. ATTORNEYS' FEES - In the event suit is brought by any Party to enforce the terms and provisions of this Agreement, or to secure the performance hereof, each Party shall bear its own attorneys' fees.

**FORCE MAJEURE** - Except for the payment of money, no Party shall be liable for any delays or other non-performance resulting from circumstances or causes beyond its reasonable control, including, without limitation, fire or other casualty, Acts of God, strike or labor dispute, war or other violence, acts of third parties not within either Party's reasonable control or any law, order or requirement of any governmental agency or authority.

- d. WAIVER - A waiver of a breach of the covenants, conditions or obligations under this Agreement by either Party shall not be construed as a waiver of any succeeding breach of the same or other covenants, conditions or obligations of this Agreement.
- e. MODIFICATION - Any alterations, changes or modifications to this Agreement shall be in the form of a written amendment, which shall be signed by each Party.
- f. ASSIGNMENT - No Party shall assign its performance of this Agreement, nor any part thereof, without the prior written consent of the non-assigning Party. Any assignment made in violation of this section shall be null and void.
- g. INDEMNIFICATION BY SANTA ANA: SANTA ANA shall indemnify, defend and hold COSTA MESA, its officers, agents and employees, harmless from any expense, liability or claim for death, injury, loss, damage or expense to persons or property which may arise or is claimed to have arisen as a result of any acts performed by SANTA ANA, its officers, agents, or employees, with respect to the Project, save and except to the extent such expense, liability or claim is proximately

caused in whole or in part by any negligence of the SANTA ANA, or by their respective officers, agents or employees, or by any act or omission for which SANTA ANA, or their respective officers, agents or employees are liable without fault.

- h. INDEMNIFICATION BY COSTA MESA: COSTA MESA shall indemnify, defend and hold SANTA ANA, its officers, agents and employees, harmless from any expense, liability or claim for death, injury, loss, damage or expense to persons or property which may arise or is claimed to have arisen as a result of any acts performed by COSTA MESA, its officers, agents, or employees, with respect to the Project, save and except to the extent such expense, liability or claim is proximately caused in whole or in part by any negligence of the COSTA MESA, or by their respective officers, agents or employees, or by any act or omission for which COSTA MESA, or their respective officers, agents or employees are liable without fault.
- i. TERMINATION - Either Party may terminate this Agreement upon the other Party's failure to comply with any term or condition of this Agreement, as long as the terminating party is not in default of any term or condition of this Agreement. To initiate termination, the terminating party must provide the defaulting party with a written "Notice of Termination" stating its intent to terminate and describing all terms and conditions with which the defaulting party has failed to comply. If the defaulting party has not remedied the default or not initiated good faith efforts to remedy its default within thirty (30) days after receiving the Notice of Termination, this Agreement will automatically terminate. This Agreement may also be terminated upon the written mutual consent of both parties.
- j. ENTIRE AGREEMENT - This Agreement constitutes the entire understanding and agreement between the Parties and supersedes all previous negotiations between them pertaining to the subject matter thereof.

RECOMMENDED FOR APPROVAL:

RECOMMENDED FOR APPROVAL:

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Fred Mousavipour  
Executive Director  
Public Works Agency

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Ernesto Munoz, P.E. Public  
Services Director

IN WITNESS WHEREOF, COSTA MESA has caused this agreement to be executed by its Mayor and attested by its Clerk, and SANTA ANA has caused this Agreement to be executed by its City Manager and attested by its Clerk, all thereunto duly authorized by the COSTA MESA City Council and the SANTA ANA City Council, respectively.

**CITY OF SANTA ANA,**  
a Municipal corporation of the State of  
California

By:

\_\_\_\_\_  
David Cavazos  
City Manager

APPROVED AS TO FORM:

\_\_\_\_\_  
Sonia R. Carvalho  
City Attorney

By:

  
\_\_\_\_\_  
Jose Sandoval  
Chief Assistant City Attorney

ATTEST:

\_\_\_\_\_  
Maria D. Huizar  
Clerk of the Council

**CITY OF COSTA MESA,** a California  
municipal corporation

By:

\_\_\_\_\_  
Tom Hatch  
Chief Executive Officer

APPROVED AS TO FORM:

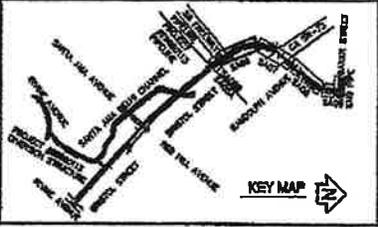
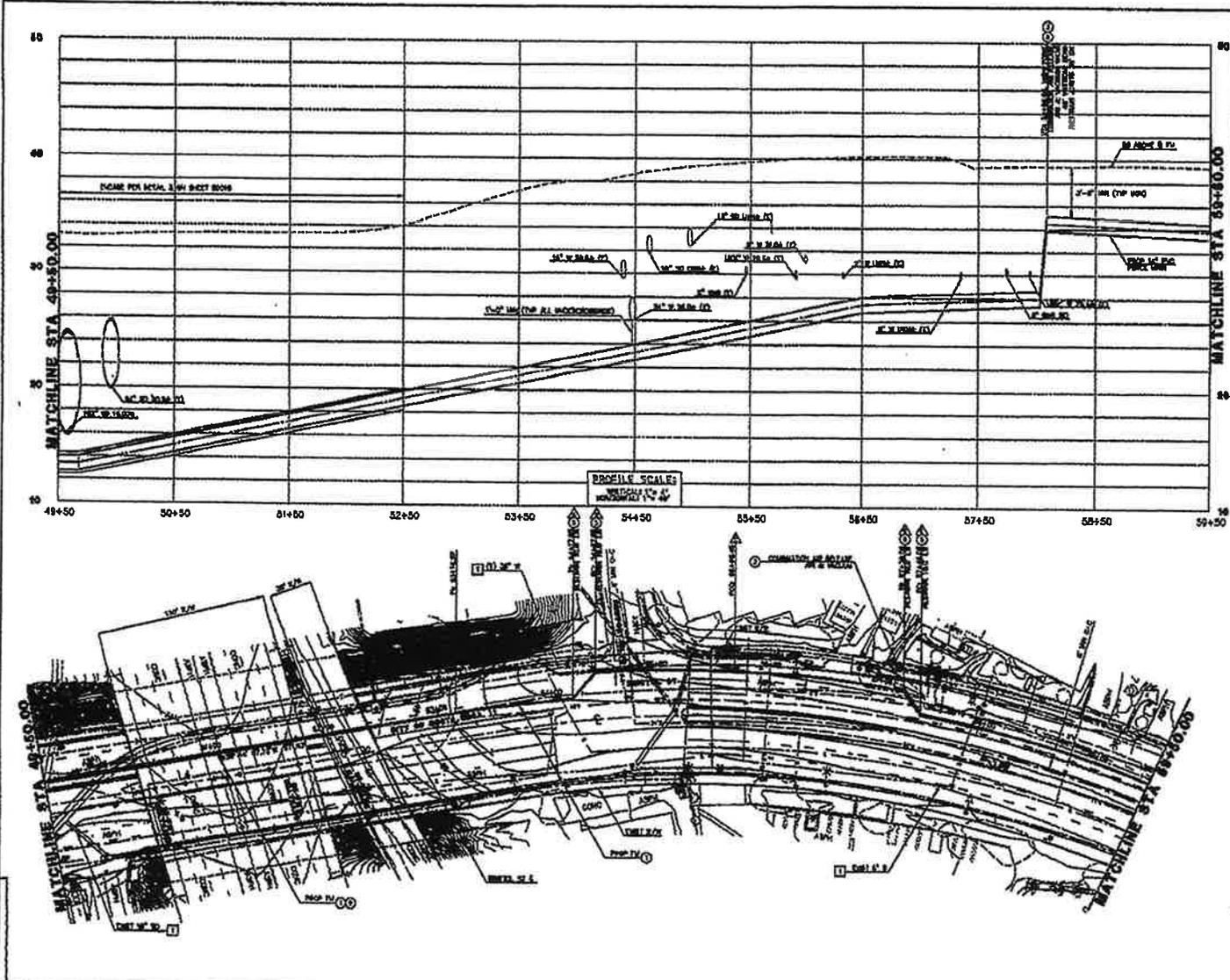
\_\_\_\_\_  
Tom Duarte  
City Attorney

ATTEST:

\_\_\_\_\_  
Brenda Green  
City Clerk



# EXHIBIT "A"



**CONSTRUCTION NOTES**

- 1. PIPE SHALL BE PERMANENTLY EMBEDDED IN CONCRETE
- 2. METALLIC CLEAN OUT FOR DETAIL 8 ON SHEET 8008
- 3. METALLIC AIR RELEASE CHAMBER FOR DETAIL 7 ON SHEET 8008
- 4. METALLIC AIR RELEASE VALVE FOR DETAIL 8 ON SHEET 8008
- 5. INCREASE PIPE JOINTS FOR EXPOSED SPECIFIED LENGTH
- 6. METALLIC THROUS BLOC FOR AREA 842
- 7. CAP PIPES FOR FUTURE CONTINUATION TO PROJECT (PARALLEL PIPELINES)
- 8. SOY OIL
- 9. TYPE 'N' BURIED FOR DETAIL 3 ON SHEET 8008
- 10. METALLIC NEW BURIED FOR LINES AVAILABLE FOR COOR. AND DRAIN 2'-0" & 3'-0"
- 11. METALLIC NEW FOR PIPE FOR COOR. DRAIN AND DRAIN BURIED FOR BURIED FOR BURIED 2' & 3' FOR BURIED
- 12. SUPPORT PIPE ABOVE SHALL PROVIDE FOR COOR. DRAIN 2'-0" & 3'-0"
- 13. COOR. DRAIN 2' SHALL HAVE BURIED WITH COOR. DRAIN 2'-0" & 3'-0" & 3'-0" FOR COOR. DRAIN 2'-0" & 3'-0"

**DISPOSITION NOTES**

- 1. REMOVE IN PLACE
- 2. REMOVE
- 3. RELOCATE/REMOVE AND REPLACE
- 4. REMOVE
- 5. REMOVE IN PLACE
- 6. REMOVE AND REPLACE AS INDICATED BY THE DRAWING
- 7. NEW EXISTING PIPELINE RELOCATION
- 8. REMOVE TO GRADE
- 9. ADJUST TO GRADE BY 6" OR

COORDINATE TABLE		
REVISION	DATE	DESCRIPTION
1	10/15/08	STA 50+00 TO 51+00
2	10/15/08	STA 51+00 TO 52+00
3	10/15/08	STA 52+00 TO 53+00
4	10/15/08	STA 53+00 TO 54+00
5	10/15/08	STA 54+00 TO 55+00
6	10/15/08	STA 55+00 TO 56+00
7	10/15/08	STA 56+00 TO 57+00
8	10/15/08	STA 57+00 TO 58+00
9	10/15/08	STA 58+00 TO 59+00



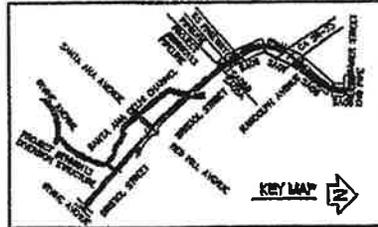
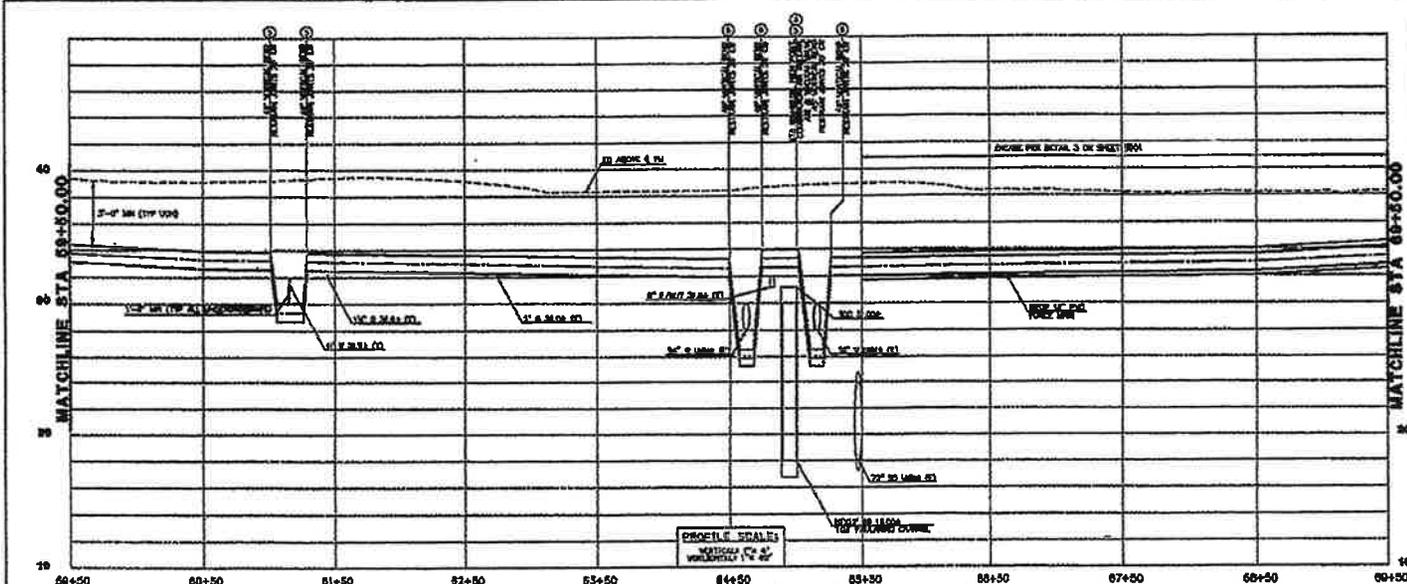
Underground Service Alert  
 CALL TOLL FREE 1-888-422-4123  
 TWO WORKING DAYS  
 BEFORE YOU DIG  
 NOTICE TO CONTRACTOR  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SANTA ANA AND THE CALIFORNIA STATE WATER RESOURCES AGENCY.

REVISIONS		REFERENCES		DATE	
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DATE

PIPELINE PLAN AND PROFILES  
 SANTA ANA DELHI CHANNEL DIVERSION  
 PIPELINE PROJECT  
 STA 49+50 TO 59+50  
 PUBLIC WORKS AGENCY  
 CITY OF SANTA ANA

PROJECT NO. XXXXXXXX SANTA ANA DELHI CHANNEL DIVERSION PIPELINE PROJECT FROM NEWPORT BLVD TO BAKER ST

# EXHIBIT "A"

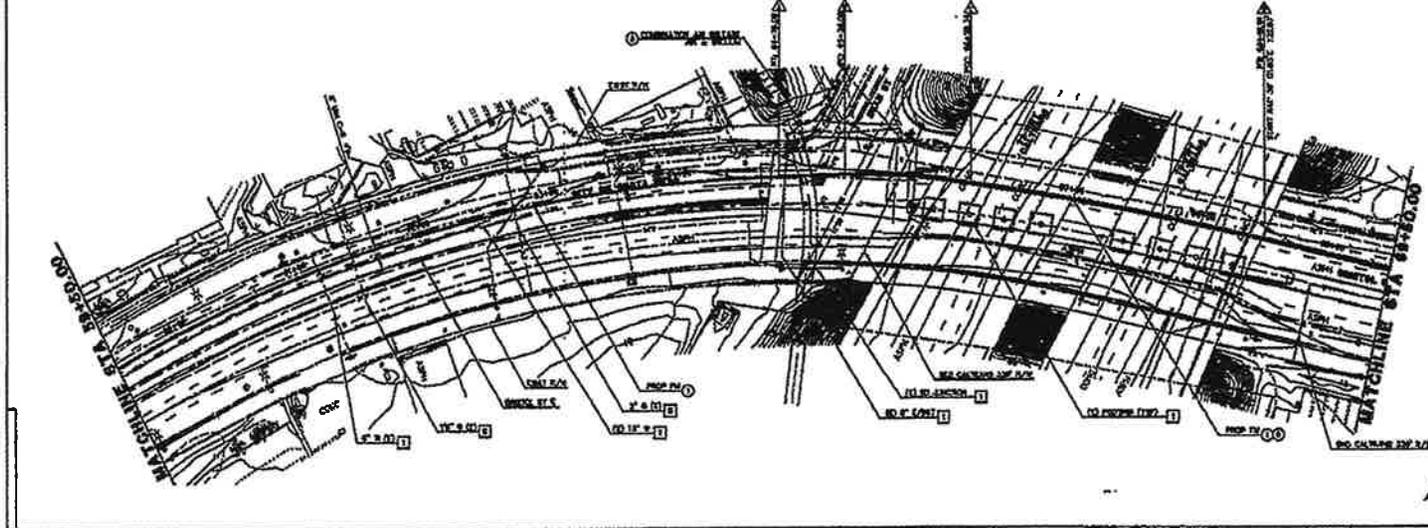


- CONSTRUCTION NOTES**
- ① INSTALL 12" O.D. DUCT IRON PIPE PER DETAIL 101, NUMBER BARRETS PER DETAIL 1 ON SHEET B008 & SPECIFICATION SECTION 410
  - ② INSTALL CLOSURE END FOR BENCH & END BENCH B008
  - ③ INSTALL 18" RADIUS CHAMFER PER DETAIL 7 ON SHEET B008
  - ④ INSTALL 18" RADIUS W/4" WELLS FOR PER DETAIL 3 ON SHEET B008
  - ⑤ REPAIR PIPE JOINTS FOR LENGTH SPECIFIED VERTICAL
  - ⑥ INSTALL BRIDGE BLOCK PER DETAIL 101
  - ⑦ 60# PIPELINE FOR PUBLIC CONVEYANCE TO PROJECT BENEFITS FUTURE
  - ⑧ NOT USED
  - ⑨ TYPE 2" ENDSIGHT PER DETAIL 3 ON SHEET B008
  - ⑩ INSTALL WIRE STANCHION END OVER MANHOLE PER B008
  - ⑪ 20# WIRE BRACE & 2" X 2"
  - ⑫ INSTALL 18" X 18" PIPE FOR END DETAIL AND CONSTRUCTION REQUIREMENTS FOR DETAIL SECTION & END OVER 2-20
  - ⑬ SUPPORT PIPE JOINTS WITH WOODEN FOR COSS END PER 2-20
  - ⑭ JOH ENDING 84" WELLS, 84" MANHOLE WITH COSS BILLED PIPE & 84" FLAP FOR COSS END OVER 2-20 & 2-21

- DISPOSITION NOTES**
- 1 PROJECT IN PLACE
  - 2 REMOVE
  - 3 RELOCATE/REMOVE AND REPLACE
  - 4 REMOVE
  - 5 REMOVE BY OWNER
  - 6 JOH AND PATCHER AS SPECIFIED BY THE OWNER
  - 7 JOH ENDING FLOORING REMOVAL
  - 8 PATCH TO BRACK
  - 9 PATCH TO BRACK BY OTHER

**COORDINATE TABLE**

MARKING	EXISTED	DESCRIPTION
A	EXISTED	STA 84+00.00 FT
B	EXISTED	STA 84+00.00 FT
C	EXISTED	STA 84+00.00 FT
D	EXISTED	STA 84+00.00 FT



Underground Service Alert  
at  
Santa Ana  
CALL TOLL FREE 1-888-422-4133  
TWO WEEKS OUT  
BEFORE YOU DIG

**NOTICE TO CONTRACTOR**  
CONTRACTOR TO VERIFY ALL UTILITIES AND RECORDS  
BEFORE ANY EXCAVATION OR CONSTRUCTION  
WORK BEGINS. SEE ATTACHED PLAN FOR  
UTILITIES AND RECORDS INFORMATION.

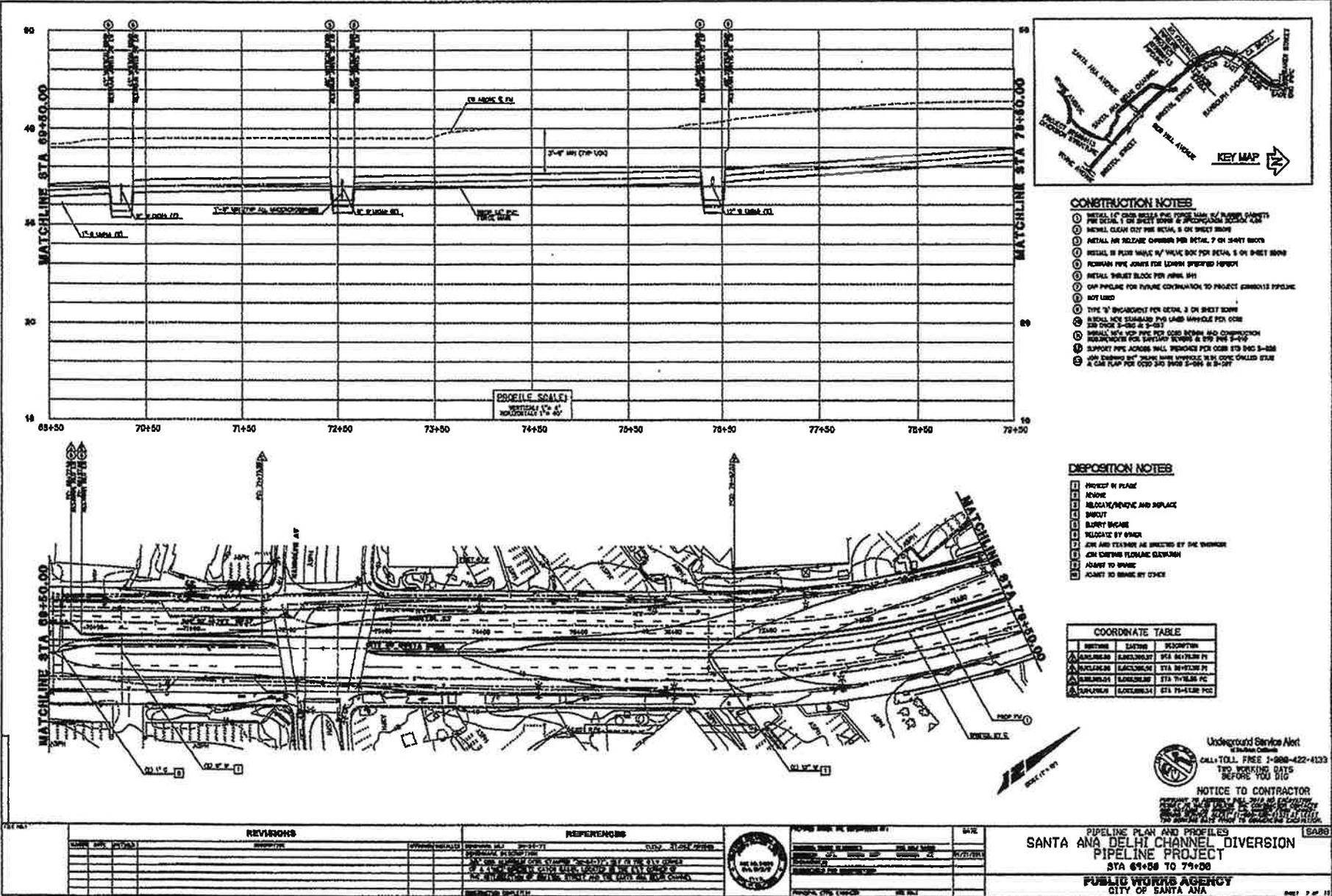
REVISIONS		REFERENCES		PROJECT WORK SHEET SPECIFICATION BY	DATE

**SANTA ANA DELHI CHANNEL DIVERSION  
PIPELINE PROJECT**  
STA 84+58 TO 89+58  
**PUBLIC WORKS AGENCY  
CITY OF SANTA ANA**

15287  
ISS. 5. W. 12

PROJECT NO. XXXXXXXX SANTA ANA DELHI CHANNEL DIVERSION PIPELINE PROJECT FROM NEWPORT BLVD TO BAKER ST

# EXHIBIT "A"



**CONSTRUCTION NOTES**

- 1 INSTALL 12" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC PIPE PER DETAIL 1 ON SHEET BROW & APPROPRIATE BENCH MARK
- 2 INSTALL CLEAN CUT PIPE REPAIR, 6 ON SHEET BROW
- 3 INSTALL AIR RELEASE VALVE PER DETAIL 7 ON SHEET BROW
- 4 INSTALL 18" FLEXIBLE W/ VULCANIZING BITUMEN PER DETAIL 8 ON SHEET BROW
- 5 FURNISH PIPE JOINTS FOR LEAKS SPECIFIED HEREON
- 6 INSTALL THURTEEN BLOCK PER DETAIL 11
- 7 CAP PIPELINE FOR FUTURE CONTINUATION TO PROJECT COMMENCE PIPELINE
- 8 NOT USED
- 9 TYPE "B" ENCASUREMENT PER DETAIL 2 ON SHEET BROW
- 10 INSTALL 18" SCH 40S STEEL PIPE PER DETAIL 12 ON SHEET BROW
- 11 INSTALL 18" SCH 40S STEEL PIPE PER DETAIL 13 ON SHEET BROW
- 12 INSTALL 18" SCH 40S STEEL PIPE PER DETAIL 14 ON SHEET BROW
- 13 SUPPORT PIPE ACROSS WALL, REINFORCE PER DETAIL 15 ON SHEET BROW
- 14 JOIN ENDING 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC PIPE TO 18" SCH 40S STEEL PIPE PER DETAIL 16 ON SHEET BROW

**DISPOSITION NOTES**

- 1 REMOVE IN PLACE
- 2 REMOVE
- 3 REMOVE/REMOVE AND REPLACE
- 4 REMOVE
- 5 BURRY IN PLACE
- 6 RELOCATE BY OTHER
- 7 JOIN AND TENDON AS DIRECTED BY THE ENGINEER
- 8 JOIN EXISTING FLOORING CLEANUP
- 9 ADJUST TO MATCH BY OTHER

COORDINATE TABLE		
STATION	EASTING	NORTHING
69+50	100000.00	100000.00
70+00	100000.00	100000.00
71+50	100000.00	100000.00
72+50	100000.00	100000.00
74+50	100000.00	100000.00
76+50	100000.00	100000.00
78+50	100000.00	100000.00
79+00	100000.00	100000.00

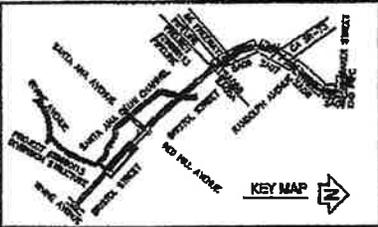
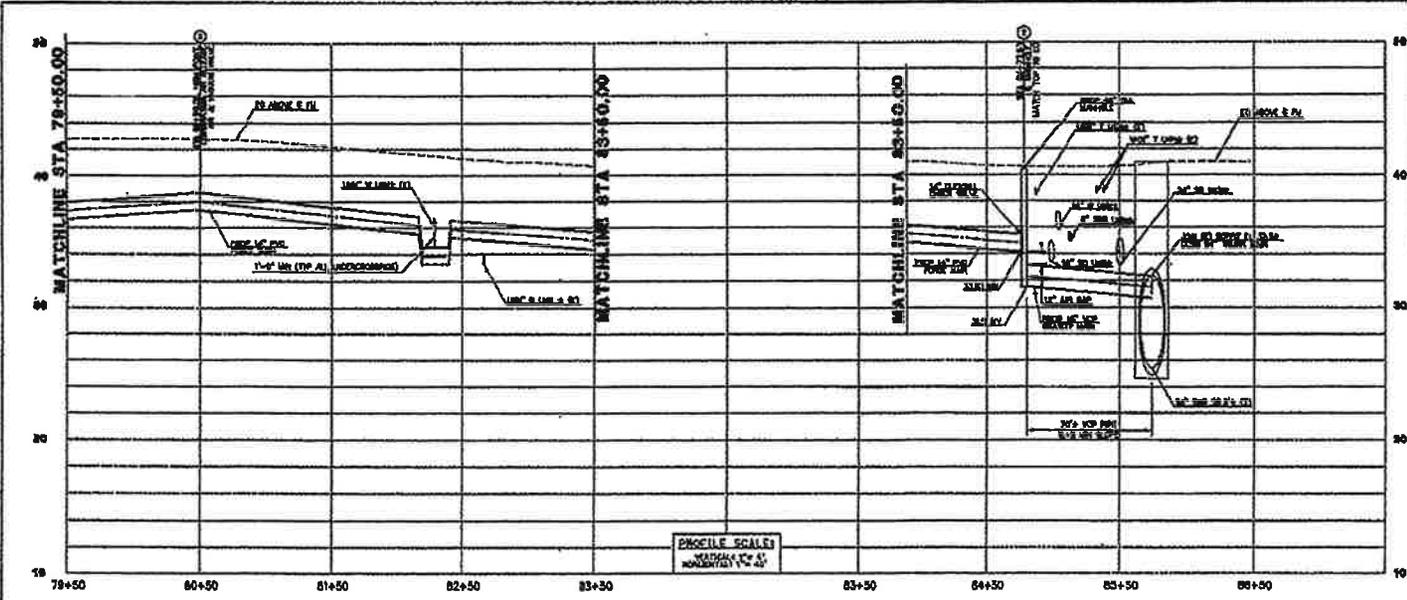
**Underground Service Alert**  
 CALL TOLL FREE 1-800-422-4133  
 TWO WORKING DAYS BEFORE YOU DIG  
**NOTICE TO CONTRACTOR**  
 THE CITY OF SANTA ANA HAS BEEN ADVISED THAT YOU ARE TO BE CONSIDERED AS A CONTRACTOR FOR THE PROJECT. YOU WILL BE REQUIRED TO SIGN AND RETURN THE CONTRACTOR'S NOTICE TO THE CITY OF SANTA ANA.

**PIPELINE PLAN AND PROFILES**  
**SANTA ANA DELHI CHANNEL DIVERSION**  
**PIPELINE PROJECT**  
**STA 69+50 TO 79+00**  
**PUBLIC WORKS AGENCY**  
**CITY OF SANTA ANA**

REVISIONS		REFERENCES	
NO.	DATE	DESCRIPTION	BY

PROJECT NO. XXXXXXXX SANTA ANA DELHI CHANNEL DIVERSION PIPELINE PROJECT FROM NEWPORT BLVD TO BAKER ST

# EXHIBIT "A"

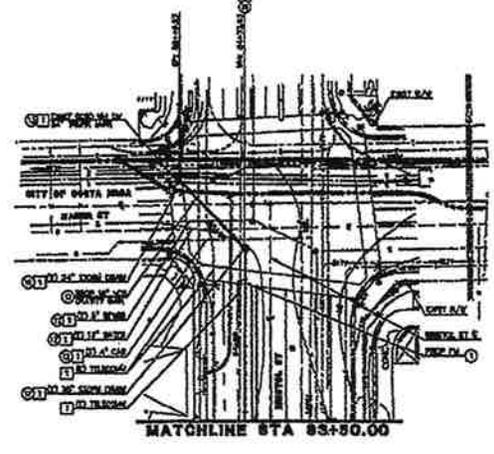
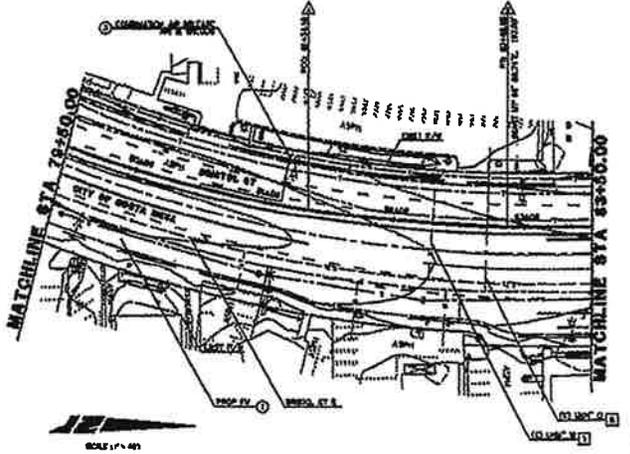


- CONSTRUCTION NOTES**
1. PER DETAIL FOR SCHEDULE OF MATERIALS BY AREA SHEETS
  2. INSTALL CLEAN OUT PER DETAIL, 8 ON INVERT 3000
  3. INSTALL AIR RELEASE VALVES PER DETAIL, 7 ON INVERT 3000
  4. INSTALL DE FLOO VALVE 5' VALVE BOX PER DETAIL, 8 ON INVERT 3000
  5. REPAIR PIPE JOINTS PER LOWE'S SPECIFICATIONS
  6. METAL THIMBLE BLOCK PER AREA 041
  7. CAP PIPELINE FOR FUTURE CONNECTION TO PROJECT (BANK) 111111
  8. PER SPEC
  9. TYPE 'B' ENCASUREMENT PER DETAIL 3 ON SHEET 3000
  10. INSTALL 1/2\"/>

- DEPOSITION NOTES**
1. REMOVE IN PLACE
  2. REMOVE
  3. REMOVE/REMOVE AND REPLACE
  4. SMOOTH
  5. BURRY IN PLACE
  6. REGRADE BY OWNER
  7. JOB JOB FEATHER AS DIRECTED BY THE OWNER
  8. JOB CHANGING FLOORING ELEVATION
  9. ADJUST TO GRADE
  10. SUBJECT TO CHECK BY OWNER

**COORDINATE TABLE**

MARKER	CHAINS	DESCRIPTION
1	10+00	STA 8+348 PCD
2	10+00	STA 8+348 PCD
3	10+00	STA 8+348 PCD



REV	DESCRIPTION	DATE	BY	CHECKED

**PIPELINE 'B' PLAN AND PROFILES**  
**SANTA ANA DELHI CHANNEL DIVERSION**  
**PIPELINE PROJECT**  
**STA 79+50 TO 86+50.93**  
**PUBLIC WORKS AGENCY**  
**CITY OF SANTA ANA**

PROJECT NO. XXXXXXXX SANTA ANA DELHI CHANNEL DIVERSION PIPELINE PROJECT FROM NEWPORT BLVD TO BAKER ST

**EXHIBIT "B"**

**ADVANCED EXPENDED FUNDS ANALYSIS**

<b>ENGINEERS ESTIMATE</b>					
<b>Bid Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Extended Cost</b>
1	14" PVC Force Main	LF	3774	\$222	\$837,828
2	Gravity Sewer Manhole	LS	1	\$12,000	\$12,000
3	16" VCP Gravity Sewer Main	LF	72	\$150	\$10,800
4	84" Trunk Main Manhole Connection	LS	1	\$1,500	\$1,500
5*	Pothole Utilities Not Shown In The Contract Documents	EA	10	\$350	\$3,500
6*	14" PVC Siphon	EA	10	\$6,000	\$60,000
7*	14" PVC Forced Main Installed Deeper Than 1-Foot But Less Than 3-Feet	LF	500	\$50	\$25,000
<b>Engineers Estimate</b>					<b>\$950,628</b>
<b>Contingency</b>					<b>\$149,372</b>
<b>Project Estimated Total</b>					<b>\$1,100,000</b>

<b>FUNDING SOURCE SUMMARY</b>	
City of Santa Ana	\$ 500,000
City of Costa Mesa	\$ 600,000
Total Project Funding Advanced by City of Santa Ana	<b>\$1,100,000</b>