

**BIDDER'S SUBMITTAL**

Company: Wright Construction Engineering Corp Total Base Bid: \$ 711,250.00

**PROPOSAL, SPECIFICATIONS, BOND AND AFFIDAVIT FOR THE CONSTRUCTION OF  
WALNUT STORM WATER CAPTURE AND GROUNDWATER REPLENISHMENT BASIN, I-173  
B2019-37**

Honorable Mayor and Members  
of the Torrance City Council  
Torrance, California

Members of the Council:

In accordance with the Notice Inviting Bids pertaining to the receiving of sealed proposals by the City Clerk of the City of Torrance for the above titled improvement, the undersigned hereby proposes to furnish all Work to be performed in accordance with the Plans, Specifications, Standard Drawings, and the Contract Documents, for the unit price or lump sum set forth in the following schedules.

**BID SCHEDULE**

**BASE BID:**

Item #	Est. Qty	Unit	Bid Item Description	Sect. E Special Prov.	Unit Price	Total Bid
1	1	LS	MOBILIZATION (5% MAX. OF TOTAL BID SCHEDULE COST)	9-3.4	\$35,000.00	\$35,000.00
2	1	LS	SURVEYING	2-9	\$5,000.00	\$5,000.00
3	1	LS	NPDES COMPLIANCE	7-8.6	\$10,000.00	\$10,000.00
4	1	LS	TRAFFIC CONTROL	7-10.2 7-10.6	\$17,000.00	\$17,000.00
5	1	LS	STAFF GAUGE	217	\$3,500.00	\$3,500.00
6	1	LS	PHENOLOGY CAMERA	218	\$13,000.00	\$13,000.00
7	1	LS	CLEARING AND GRUBBING	300-1	\$15,500.00	\$15,500.00
8	300	CY	UNCLASSIFIED EXCAVATION	300-2	\$50.00	\$15,000.00
9	8	LF	REMOVE 48" RCP	300-1.3	\$200.00	\$1,600.00

Item #	Est. Qty	Unit	Bid Item Description	Sect. E Special Prov.	Unit Price	Total Bid
10	275	SF	REMOVAL AND DISPOSAL OF DRIVEWAY AND SIDEWALK	300-1.3	\$ 6.00	\$1,650.00
11	30	LF	REMOVAL AND DISPOSAL OF CURB AND GUTTER	300-1.3	\$50.00	\$1,500.00
12	83	TON	RIPRAP (FACING CLASS)	300-11	\$ 150.00	\$12,450.00
13	20	TON	AC PAVEMENT	302-5	\$350.00	\$7,000.00
14	1	EA	CATCH BASIN PER STD PLAN 300, W=7'	303-1	\$11,000.00	\$11,000.00
15	1	EA	PIPE CONNECTION PER STD PLAN 335, CASE 1	303-1	\$2,000.00	\$2,000.00
16	1	EA	DIVERSION STRUCTURE	303-1	\$14,000.00	\$14,000.00
17	1	EA	PERMANENT BULKHEAD, 48" RCP	303-1	\$3,000.00	\$3,000.00
18	1	EA	TEMPORARY BULKHEAD, 24" RCP	303-1	\$2,000.00	\$2,000.00
19	1	EA	HEADWALL & WINGWALLS PER CALTRANS STD PLAN D86B	303-1	\$28,500.00	\$28,500.00
20	30	LF	PCC CURB & GUTTER, TYPE A2-6	303-5	\$75.00	\$2,250.00
21	230	SF	PCC SIDEWALK, 4" THICK	303-5	\$15.00	\$3,450.00
22	35	SF	PCC DRIVEWAYS, 6" THICK	303-5	\$20.00	\$700.00
23	1	EA	LOCAL DEPRESSION PER STD PLAN 313-3, CASE B	303-5	\$2,000.00	\$2,000.00
24	1	EA	SLOPED PROTECTION BARRIER PER STD PLAN 360-2	304-1	\$16,000.00	\$16,000.00
25	17	LF	18" RCP, 1500 D	306-1	\$450.00	\$7,650.00
26	25	LF	24" RCP, 2200 D	306-1	\$475.00	\$11,875.00
27	25	LF	48" RCP, 2400 D	306-1	\$500.00	\$12,500.00
28	135	LF	JACK 48" RCP, 2400 D	306-2	\$1,815.39	\$242,125.00
29	1	LS	JACKING PIT	306-2	\$176,000.00	\$176,000.00
30	1	LS	RECEIVING PIT	306-2	\$7,000.00	\$7,000.00

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Item #	Est. Qty	Unit	Bid Item Description	Sect. E Special Prov.	Unit Price	Total Bid
31	110	LF	ABANDON EXISTING STORM DRAIN AND FILL WITH SLURRY	306-5	\$100. <sup>00</sup>	\$11,000. <sup>00</sup>
32	1	LS	HYDRODYNAMIC SEPARATOR	318	\$90,000. <sup>00</sup>	\$90,000. <sup>00</sup>

TOTAL BASE BID PRICE \$ 761,250.<sup>00</sup>  
 (Figures)\*

TOTAL BASE BID PRICE: <sup>www</sup> Seven hundred ~~seventy~~ <sup>Sixty-one</sup> thousand two hundred fifty  
 (Words)\*

and zero cents

**\*BASE BID MAY BE REJECTED IF TOTAL IS NOT SHOWN IN FIGURES AND WORDS.**

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**ADDITIVE BID ITEM (BASIN IMPROVEMENTS):**

Item #	Est. Qty	Unit	Bid Item Description	SPEC. SECTION	Unit Price	Total Bid
101	305	LF	REMOVE EXISTING CHAIN LINK FENCE	300-1.3	\$15.00	\$4,575.00
102	55	LF	REMOVE EXISTING CMP	300-1.3	\$85.00	\$4,675.00
103	7,000	SF	JUTE EROSION CONTROL MATTING AND SEEDS	300-9	\$1.60	\$11,200.00
104	41	CY	CRUSHED AGGREGATE BASE ACCESS ROAD	301-2	\$150.00	\$6,150.00
105	10	CY	2" GRAVEL	200-1.3	\$250.00	\$2,500.00
<del>105</del>	<del>100</del>	<del>SF</del>	<del>REINFORCED CONCRETE BLOCK WALL REPAIRS</del>	<del>303-4</del>	<del>\$</del>	<del>\$</del>
106	660	SF	PCC WALK, 4" THICK	303-5	\$10.00	\$6,600.00
107	290	LF	CHAIN LINK FENCE, 6' HIGH, WITH BARBED WIRE	304-3	\$60.00	\$17,400.00
108	2	EA	CHAIN LINK WALK GATE, 6' HIGH, WITH BARBED WIRE, W=4'	304-3	\$1,000.00	\$2,000.00
<del>109</del>	<del>1</del>	<del>EA</del>	<del>CHAIN LINK SINGLE LEAF DRIVE GATE, 6' HIGH, WITH BARBED WIRE, W=16'</del>	<del>304-3</del>	<del>\$</del>	<del>\$</del>
110	<del>50</del> 20	LF	BARBED WIRE AND ANGLE BRACKETS	304-5	\$65.00	\$1,300.00
111	65	LF	SPLIT RAIL FENCE	305-3	\$125.00	\$8,125.00
112	53	LF	18" ANNULAR HDPE STORM DRAIN PIPE	306-1, 207-18	\$150.00	\$7,950.00
113	152	LF	8" PVC CASING PIPE WITH CLEANOUTS	308-5.7	\$115.79	\$17,600.00
114	152	LF	ABANDON EXISTING STORM DRAIN AND FILL WITH SLURRY	306-5	\$115.79	\$17,600.00

**ADDITIVE (BASIN IMPROVEMENTS):**

TOTAL ADDITIVE BID PRICE \$ 107,675.00  
(Figures)\*

TOTAL ADDITIVE BID PRICE: One hundred seven thousand six hundred  
(Words)\*  
seventy-five & zero cents

**\*ADDITIVE BID MAY BE REJECTED IF TOTAL IS NOT SHOWN IN FIGURES AND WORDS.**

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C-4a

**BIDDER'S SUBMITTAL (Continued) B2019-37**

The contract will be awarded to the lowest responsive bidder based on the Total Base Bid Price. However, the Bidder shall complete the Bid Proposals for the Additive Bid.

The undersigned has read the contract and taking no exception, furthermore agrees to enter into and execute a contract, with necessary bonds, at the unit prices set forth herein and in case of default in executing such contract, with necessary bonds, the check or bond accompanying this bid and the money payable thereon shall be forfeited thereby to and remain the property of the City of Torrance.

The above unit prices include all work appurtenant to the various items as outlined in the Specifications and all work or expense required for the satisfactory completion of said items. In case of discrepancies between unit prices and totals, the unit prices shall govern.

The undersigned declares that it has carefully examined the Plans, Specifications, and Contract Documents, and has investigated the site of the work and is familiar with the conditions thereon.

Contractor: Wright Construction Engineering Corp

Date: 8/28/19 By:   
Wes Wright

Contractor's State License No. 995153 Class A

Address: 2625 S Santa Fe Ave., San Marcos, CA 92069

Phone: (760) 599-3915

Fax: (760) 599-3920

Email: [jmerritt4wright@gmail.com](mailto:jmerritt4wright@gmail.com)

**CERTIFICATE OF CORPORATE RESOLUTION  
WRIGHT CONSTRUCTION ENGINEERING CORP.**

I, Wesley Wright, President of Wright Construction Engineering Corp., organized and existing under the laws of California and having its principal place of business at 3725 Trieste Dr. Carlsbad, California, hereby certify that the following is a true copy of a resolution adopted by the Board of Directors of the Corporation at a meeting convened and held on July 1, 2014 at which a quorum was present and voting throughout and that such resolution is now in full force and effect and is in accordance with the provisions of the charter and by-laws of the Corporation.

RESOLVED: That the President, Wesley Wright, of the Corporation is hereby authorized to sign any contracts or forms on behalf of the Corporation.

RESOLVED FURTHER: That the President, Wesley Wright, is hereby authorized and directed to certify to any interested party that this resolution has been duly adopted, is in full force and effect, and is in accordance with the provisions of the charter and by-laws of the Corporation.

I further certify that this Corporation is duly organized and existing, and has the power to take the action called for by the foregoing resolution.

DIRECTORS

<u>Wesley Wright</u>	<u>7-1-2014</u>
President	Date
<u>Wesley Wright</u>	<u>7-1-2014</u>
Vice President	Date
<u>Wesley Wright</u>	<u>7-1-2014</u>
Secretary	Date
<u>Wesley Wright</u>	<u>7-1-2014</u>
Treasurer	Date

Witness my hand seal of this corporation on this 1st day of July, 2014.

**ACKNOWLEDGMENT OF ADDENDA RECEIVED – B2019-37**

The Bidder shall acknowledge the receipt of addenda by placing an "X" by each addendum received.

Addendum No. 1   X  

Addendum No. 2   X  

Addendum No. 3       

Addendum No. 4       

Addendum No. 5       

Addendum No. 6       

Addendum No. 7       

Addendum No. 8       

Addenda will be issued only by posting to the project's website listed in the Notice Inviting Bids. It is the Bidder's sole responsibility to visit the project's website to obtain and administer any Addendum related to this bid. An Addendum must be acknowledged above by a bidder in its submitted form of Proposal.

If an addendum or addenda have been issued by the City and not noted above as being received by the Bidder, the Bid Proposal may be rejected.

  
\_\_\_\_\_  
Bidder's Signature **Wes Wright**

8/28/19  
Date



CONTRACTOR'S AFFIDAVIT

STATE OF CALIFORNIA }  
COUNTY OF San Diego }

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Wes Wright, being first duly sworn, deposes and says:

- That he is the President  
Title  
of Wright Construction Engineering Corp  
(Name of Partnership, Corporation, or Sole Proprietorship)

hereinafter called "Contractor," who has submitted to the City of Torrance a proposal for the Construction of **WALNUT STORM WATER CAPTURE AND GROUNDWATER REPLENISHMENT BASIN, I-173, B2019-37.**

- That said proposal is genuine; that the same is not sham; that all statement of facts therein are true;
- That such proposal was not made in the interest or behalf of any person, partnership, company, association, organization or corporation not named or disclosed;
- That the Contractor did not, directly or indirectly, induce, solicit or agree with anyone else to submit a false or sham bid, to refrain from bidding, or to withdraw the bid, to raise or fix the bid price of the Contractor or anyone else, or to raise or fix any overhead, profit or cost element of the Contractor's price or the price of anyone else; and did not attempt to induce action prejudicial to the interest of the City of Torrance, or of any other bidder, or anyone else interested in the proposed contract;
- That the Contractor has not in any manner sought by collusion to secure for itself an advantage over any other bidder or to induce action prejudicial to the interests of the City of Torrance, or of any other bidder or of anyone else interested in the proposed contract;
- That the Contractor has not accepted any bid from any subcontractor or materialman through any bid depository, the bylaws, rules or regulations of which prohibit or prevent the Contractor from considering any bid from any subcontractor or materialman, which is not processed through said bid depository, or which prevent any subcontractor or materialman from bidding to any contractor who does not use the facilities of or accept bids from or through such bid depository;




**CONTRACTOR'S AFFIDAVIT (CONTINUED)**

**B2019-37**

7. That the Contractor did not, directly or indirectly, submit the Contractor's bid price or any breakdown thereof, or the contents thereof, or divulge information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any individual or group of Individuals, except to the City of Torrance, or to any person or persons who have a partnership or other financial interest with said Contractor in its business.

Dated this 28th day of August, 2019.

Subscribed and Sworn to  
before me this \_\_\_\_\_ day  
of \_\_\_\_\_, 20\_\_\_\_.

  
\_\_\_\_\_  
Wes Wright (Contractor)  
President  
(Title)

\_\_\_\_\_  
Notary Public in and for said  
County and State.  
(Seal)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 28th  
day of August, 2019, by Wesley William Wright

proved to me on the basis of satisfactory evidence to be the  
person ~~(s)~~ who appeared before me.



(Seal)

Signature

A handwritten signature in black ink, appearing to read "Wesley William Wright", written over a horizontal line.

### LIST OF SUBCONTRACTORS: B2019-37

The Bidder is required to complete this page in accordance with California Public Contract Code Sections 4100-4114, CHAPTER 4. SUBLETTING AND SUBCONTRACTING. The contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of Title 49 CFR (Code of Federal Regulations) part 26 in the award and administration of US DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate. Each subcontract signed by the bidder must include this assurance. Failure of the bidder to fulfill the requirements of the Special Provisions for submittals required to be furnished after bid opening, including but not limited to escrowed bid documents, where applicable, may subject the bidder to a determination of the bidder's responsibility in the event it is the apparent low bidder on a future public works contracts.

Name Under Which Subcontractor is Licensed: Golden State Boring & Pipe Jacking, Inc.

Subcontractor's Address: 700 Merrill Ave #40, Glendale, CA 91210

Specific Description and dollar value of Subcontract: 48" RCP Pipe Jacking \$20,150.<sup>00</sup>

Work to be performed is part or all of Bid Item(s): #28  
List all bid items

License Number: 678500 CA License Classification/Type: A

Name Under Which Subcontractor is Licensed: Team West Contracting

Subcontractor's Address: 2733 Vista Ave, Bloomington, CA 92316

Specific Description and dollar value of Subcontract: Fencing \$27,553.<sup>60</sup>

Work to be performed is part or all of Bid Item(s): 107, 108, 109, 110, 111  
List all bid items

License Number: 934352 CA License Classification/Type: A & C13

Name Under Which Subcontractor is Licensed: West Pacific Concrete

Subcontractor's Address: 200 E Beverly Blvd #102, Montebello, CA 90640

Specific Description and dollar value of Subcontract: Install concrete & structures \$58,787.<sup>50</sup>

Work to be performed is part or all of Bid Item(s): 14-24 & 106  
List all bid items

License Number: 1014531 CA License Classification/Type: C-8 & A

Subcontractors listed must be properly licensed under the laws of the State of California for the type of work which they are to perform. Do not list alternate subcontractors for the same work. The Bidding Contractor must include each subcontractor's contract license number (AB 44). An inadvertent error in listing the subcontractor's license number shall not be grounds for filing a bid protest, or grounds for considering the bid nonresponsive, if the corrected contractor's license number is submitted to the public entity by the prime contractor within 24 hours after the bid opening – provided that the corrected license number corresponds to the submitted name and location of the subcontractor.

### LIST OF SUBCONTRACTORS: B2019-37

The Bidder is required to complete this page in accordance with California Public Contract Code Sections 4100-4114, CHAPTER 4. SUBLETTING AND SUBCONTRACTING. The contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of Title 49 CFR (Code of Federal Regulations) part 26 in the award and administration of US DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate. Each subcontract signed by the bidder must include this assurance. Failure of the bidder to fulfill the requirements of the Special Provisions for submittals required to be furnished after bid opening, including but not limited to escrowed bid documents, where applicable, may subject the bidder to a determination of the bidder's responsibility in the event it is the apparent low bidder on a future public works contracts.

Name Under Which Subcontractor is Licensed: Hydro sprout, Inc.  
Subcontractor's Address: 460 Corporate Dr., Escorido, CA 92029  
Specific Description and dollar value of Subcontract: Hydroseeding \$5,296.<sup>00</sup>  
Work to be performed is part or all of Bid Item(s): #103  
List all bid items  
License Number: 582303 CA License Classification/Type: C-27

Name Under Which Subcontractor is Licensed: \_\_\_\_\_  
Subcontractor's Address: \_\_\_\_\_  
Specific Description and dollar value of Subcontract: \_\_\_\_\_  
Work to be performed is part or all of Bid Item(s): \_\_\_\_\_  
List all bid items  
License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: \_\_\_\_\_  
Subcontractor's Address: \_\_\_\_\_  
Specific Description and dollar value of Subcontract: \_\_\_\_\_  
Work to be performed is part or all of Bid Item(s): \_\_\_\_\_  
List all bid items  
License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

Subcontractors listed must be properly licensed under the laws of the State of California for the type of work which they are to perform. Do not list alternate subcontractors for the same work. The Bidding Contractor must include each subcontractor's contract license number (AB 44). An inadvertent error in listing the subcontractor's license number shall not be grounds for filing a bid protest, or grounds for considering the bid nonresponsive, if the corrected contractor's license number is submitted to the public entity by the prime contractor within 24 hours after the bid opening – provided that the corrected license number corresponds to the submitted name and location of the subcontractor.

**REFERENCES (Page 1 of 2)**  
**B2019-37**

List work similar in magnitude and degree of difficulty completed by the Contractor within the past three (3) years.

1. Name (Firm/Agency): City of Rancho Cucamonga  
Address: 10500 Civic Center Dr., Rancho Cucamonga, CA 91730  
Contact Person: Romeo David Telephone No.: (909) 774-4070  
Title of Project: Detention Basin at Rancho Wash  
Project Location: Rancho Cucamonga  
Date of Completion: 9/6/18 Contract Amount: \$296,570.68
  
2. Name (Firm/Agency): City of Diamond Bar  
Address: 21810 Copley Dr., Diamond Bar, CA 91765  
Contact Person: David Sloan Telephone No.: (909) 839-7043  
Title of Project: Citywide Drainage Improvements project  
Project Location: Diamond Bar  
Date of Completion: 7/2/18 Contract Amount: \$410,985.73
  
3. Name (Firm/Agency): City of Baldwin Park  
Address: 14403 E. Pacific Ave., Baldwin Park, CA 91706  
Contact Person: David Lopez Telephone No.: (626) 960-4011  
Title of Project: MTD 1854 Corak Storm Drain Improvements  
Project Location: Baldwin Park  
Date of Completion: 7/16/17 Contract Amount: \$1,205,039.60
  
4. Name (Firm/Agency): City of Manhattan Beach  
Address: 1400 Highland Ave., Manhattan Beach, CA 90266  
Contact Person: Tim Birthisel Telephone No.: (310) 802-5365  
Title of Project: Laurel Avenue Storm Drain Replacement  
Project Location: Manhattan Beach  
Date of Completion: 6/23/17 Contract Amount: \$105,541.16

**REFERENCES (PAGE 2 OF 2)  
B2019-37**

If Contractor has not performed work for the City of Torrance within the last five (5) years, list all work done within said five years (attach additional sheets if necessary). Note if work was done as subcontractor [include only subcontract amount]:

Work Description & Contract Amount	Agency	Date Completed
<b>*SEE ATTACHED LIST OF REFERENCES*</b>		

Contractor's License No.: 995153 Class: A

a. Date first obtained: 7/28/14 Expiration: 7/31/20

b. Has License ever been suspended or revoked? No

If yes, describe when and why: \_\_\_\_\_

c. Any current claims against License or Bond? No

If yes, describe claims: \_\_\_\_\_

Principals in Company (List all – attach additional sheets if necessary):

NAME	TITLE (If Applicable)	LICENSE NO.
<u>Wes Wright</u>	<u>President</u>	<u>995153</u>
_____	_____	_____
_____	_____	_____



# Technical Ability & Experience

Job #	Project Name	Description	Date Completed	Agency	Agency Contact	Contract Amount
27	SDWD 10-Inch Water Main Replacement Project	Removal of existing 10" steel water main (in casing), installation of new 10" PVC water main	3/5/19	San Dieguito Water District 160 Calle Magdalena Encinitas, CA 92024	Blair Knoll - (760) 633-2793 Bknoll@encinitasca.gov	\$78,607.67
26	Emergency Protection for Linda Lane Pump Station Phase IV	Installation of additional reinforcements / bracing for existing retaining wall, North Side	1/10/19	City of San Clemente 910 Calle Negocio San Clemente, CA 92673	Greg Deist - (949) 337-3139 DeistG@san-clemente.org	\$28,211.07
25	Meadowview Stream Restoration Stage 60	Streambank Restoration, Habitat Restoration, Filtrex Compost Roll System Installation	11/5/18	Riverside County Flood Control District 1995 Market Street Riverside, CA 92501	David Garcia - (951) 315-0730 Dhgarcia@rivco.org	\$385,546.55
24	Detention Basin at Rancho Wash	Construct concrete splitter structure, connect to existing CMP	9/6/18	City of Rancho Cucamonga 10500 Civic Center Drive Rancho Cucamonga, CA 91730	Romeo David - (909) 774-4070 Romeo.David@cityofrc.us	\$296,570.68
23	S. Palm Canyon Drive and La Plaza Safety Bollard Installation	Installation of 22 pneumatic retractable bollards including monolithic footing, pavers	7/25/18	City of Palm Springs 3200 E. Tahquitz Canyon Way Palm Springs, CA 92262	Mike Lytar - (760) 902-4861 Mike.Lytar@palm Springsca.gov	\$222,368.68
22	Queda Way Retaining Wall Replacement Project	Installation of a new retaining wall, CIDH Piles, timber lagging, concrete and asphalt work	7/10/18	City of Laguna Beach 505 S. Forest Ave Laguna Beach, CA 92651	Tri Nguyen - (949) 497-0741 TNguyen@lagunabeachcity.net	\$209,021.62
21	Emergency Protection for Linda Lane Pump Station Phase III	Reinforcement to existing retaining wall, Installation of Drainage Components, Steel Kicker Installation	7/6/18	City of San Clemente 910 Calle Negocio San Clemente, CA 92673	Greg Deist - (949) 337-3139 DeistG@san-clemente.org	\$82,589.71
20	Citywide Drainage Improvements Project	Parkway drains, small storm drain, Bioclean Inlet Structure	7/2/18	City of Diamond Bar 21810 Copley Drive Diamond Bar, CA 91765	David Sloan - (909) 839-7043 DSloan@ciab.com	\$410,985.73
19	Malaga Park Project	Construct a new park, install concrete monument sign, landscape & irrigation	5/3/18	City of Wildomar 23873 Clinton Keith Road Wildomar, CA 92595	Cameron Luna - (951) 677-7751 X.245 CLuna@cityofwildomar.org	\$284,980.02
18	Cambridge Ave / Edinburg Ave Alley Water Improvements Project	Installation of a new 4" water main, Abandon Existing water main, Reconnect resident service laterals	4/13/18	San Dieguito Water District 160 Calle Magdalena Encinitas, CA 92024	Blair Knoll - (760) 633-2793 Bknoll@encinitasca.gov	\$142,694.34
17	Santee Lakes Generator Project	Install a new 150 KW generator, including gated enclosure, and automatic transfer switch	2/28/18	Padre Dam Municipal Water District 9310 Fanita Parkway Santee, CA 92071	Brian Hague - (619) 258-4751 BHague@padre.org	\$197,294.71
16	Bojero Pressure Reducing Station Vault Replacement and Design Improvements Project	Remove existing waterworks vault, install new waterworks components	1/9/18	City of Carlsbad 1635 Faraday Ave Carlsbad, CA 92008	Dallas Poore - (619) 804-8180 DPoore@fortitidsec.com	\$259,796.99
15	Rathbun Creek Phase 1A Bridge Installation	Installation of a pre-fabricated pedestrian bridge, concrete approach slabs, Site work	12/18/17	City of Big Bear Lake P.O. Box 10000 Big Bear Lake, CA 92315	Andrew Simmons - (909) 866-5831 ASimmons@citybigbearlake.com	\$114,542.30



Job #	Project Name	Description	Date Completed	Agency	Agency Contact	Contract Amount
14	Cress Street Wall and Sidewalk Improvements	Soldier Pile Reinforcing Wall, Sidewalk Improvements, Atrium Drain System	11/15/17	City of Laguna Beach 505 S. Forest Ave Laguna Beach, CA 92651	Tom Sandefur - (949) 497-0339 Tsandefur@lagunabeachcity.net	\$400,138.00
13	MTD 1854 Corak Storm Drain Improvements	Reinforced Concrete Pipe, Sidewalk and ADA Ramp Improvements, Structures	7/16/17	City of Baldwin Park 14403 E Pacific Avenue Baldwin Park, CA 91706	David Lopez - (626) 960-4011 Dlopez@baldwinpark.com	\$1,205,039.60
12	Laurel Ave Storm Drain Replacement	Storm Drain and Catch Basin Installation	6/23/17	City of Manhattan Beach 1400 Highland Ave Manhattan Beach, CA 90266	Tim Birtchisel (310) 802-5365 Tbirtchisel@citymb.info	\$105,541.16
11	Cabot Road Bioswale	Bioswale Installation, Drainage Structure / Splitter structure installation.	4/1/17	City of Laguna Hills 24035 El Toro Road Laguna Hills, CA 92653	Ken Rosenfield (949) 707-2655 krosenfield@lagunahillisca.gov	\$376,732.05
10	Ray Stoyer WRF Concrete Repairs	Repair existing concrete influent and effluent channels. Replace old and damaged plumbing	4/1/17	Padre Dam Municipal Water District 9310 Fanita Parkway Santee, CA 92071	Arne Sandvik - (909) 305-2947 asandvik@padre.org	\$431,281.73
9	Emergency Protection for Linda Lane Pump Station Phase II	Increase lagging size in existing soldier pile reinforcing wall	2/9/17	City of San Clemente 910 Calle Negocio San Clemente, CA 92673	Greg Deist - (949) 337-3139 DeistG@san-clemente.org	\$73,399.43
8	Huntington Harbor Beaches Sand Replenishment	Import 8,500 CY of sand from the lower Santa Ana River to various Huntington Harbor beaches	2/7/17	City of Huntington Beach 2000 Main Street Huntington Beach, CA 92648	Scott Smith - (714) 536-5287 SmithS@surfcity-hb.org	\$453,864.00
7	Milligan drive Bridge Renovations	Remove existing milligan drive bridge. Replace with pre-cast bridge	12/20/16	City of Laguna Beach 505 S. Forest Ave Laguna Beach, CA 92651	Tri Nguyen - (949) 497-0741 tnguyen@lagunabeachcity.net	\$314,669.79
6	North Beach Opportunistic Sand Replenishment Project	Import 12,000 CY of sand to San Clemente's North Beach	12/9/16	City of San Clemente 910 Calle Negocio San Clemente, CA 92673	Aeryn Donnelly - (949) 361-8267 DonnellyA@san-clemente.org	\$430,900.00
5	HWY 101 Storm Drain and Slope Repair	Slope Restoration, Storm Drain, Road Repair, Runoff Mitigation, Work took place adjacent a coastal lagoon	6/22/16	City of Encinitas 505 S. Vulcan Ave. Encinitas, CA 92024	Nick Diele - (760) 633-2782 Ndiele@encinitasca.gov	\$667,821.26
4	Franklin Lift Station Wet Well Expansion	Expansion of an existing wet well at a sewage pump station. Included a 24-hour bypass	6/3/16	City of La Verne 3660 "D" Street La Verne, CA 91750	Jerry Mesa - (909) 596-8749 Jimesa@cityoflaverne.org	\$613,429.27
3	Juanita Cooke Greenbelt Trail	Construct pedestrian & horse trail, Landscape and Irrigation	5/9/16	City of Fullerton 303 W. Commonwealth Ave Fullerton, CA 92832	Paul Lubliner - (714) 738-6886 PaulL@ci.fullerton.ca.us	\$206,358.00
2	El Portal Beach Access Rehabilitation Project	Demolish existing beach access stairs, Construct new beach access stairs	12/11/15	City of San Clemente 910 Calle Negocio San Clemente, CA 92673	Aeryn Donnelly - (949) 361-8267 DonnellyA@san-clemente.org	\$850,104.00
1	Emergency Protection for Linda Lane Pump Station Phase I	Install soldier pile wall at toe of slope to protect existing pump station	8/4/15	City of San Clemente 910 Calle Negocio San Clemente, CA 92673	Greg Deist - (949) 337-3139 DeistG@san-clemente.org	\$107,000.00

**VIOLATIONS OF FEDERAL, STATE OR LOCAL LAWS  
B2019-37**

1. Has your firm or its officers been assessed any penalties by an agency for noncompliance or violations of Federal, State or Local labor laws and/or business or licensing regulations within the past five (5) years relating to your construction projects?

Yes/No:   **No**   Federal/State: \_\_\_\_\_

If "yes," identify and describe, (including agency and status): \_\_\_\_\_

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Have the penalties been paid? Yes/No: \_\_\_\_\_

2. Does your firm or its officers have any ongoing investigations by any public agency regarding violations of the State Labor Code, California Business and Professions Code or State Licensing Laws?

Yes/No:   **No**   Code/Laws: \_\_\_\_\_ Section/Article: \_\_\_\_\_

If "yes," identify and describe, (including agency and status): \_\_\_\_\_

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THE BIDDER'S SIGNATURE ON THE BIDDER'S PROPOSAL  
SUBMITTED WITH ITS BID SHALL CONSTITUTE  
AN ENDORSEMENT AND EXECUTION OF THIS CERTIFICATION

**EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION**

The bidder Wright Construction Engineering Corp,  
proposed subcontractor \_\_\_\_\_, hereby certifies that he has  
\_\_\_\_\_, has not X, participated in a previous contract or subcontract subject to the  
equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that,  
where required, he has filed with the Joint Reporting Committee, the Director of the Office of  
Federal Contract Compliance, a Federal Government contracting or administering agency, or the  
former President's Committee on Equal Employment Opportunity, all reports due under the  
applicable filing requirements.

**Note:** The above certification is required by the Equal Employment Opportunity Regulations of the  
Secretary of Labor (41 CFR 60-1.7(b) (1)), and must be submitted by bidders and proposed  
subcontractors only in connection with contracts and subcontracts, which are subject to the  
equal opportunity clause. Contracts and subcontracts which are exempt from the equal  
opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts  
of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or  
their implementing regulations.

Proposed prime CONTRACTORS and subcontractors who have participated in a previous  
contract or subcontract subject to the Executive Orders and have not filed the required  
reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contracts and  
subcontracts unless such CONTRACTOR submits a report covering the delinquent period or  
such other period specified by the Federal Highway Administration or by the Director, Office  
of Federal Contract Compliance, U.S. Department of Labor.

*Note: Providing false information may result in criminal prosecution or administrative sanctions*

**Exhibit 12-E, Attachment C**

THE BIDDER'S SIGNATURE ON THE BIDDER'S PROPOSAL  
SUBMITTED WITH ITS BID SHALL CONSTITUTE  
AN ENDORSEMENT AND EXECUTION OF THIS CERTIFICATION

**NONCOLLUSION AFFIDAVIT**  
(Title 23 United States Code Section 112 and  
Public Contract Code Section 7106)

To the CITY of TORRANCE, DEPARTMENT OF PUBLIC WORKS.

In conformance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares 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 public body awarding the contract of 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.

**Note:** The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

*Note: Providing false information may result in criminal prosecution or administrative sanctions*

**Exhibit 12-E, Attachment D**

**CITY OF TORRANCE, CALIFORNIA**

**ADDENDUM NO. 1**

**Issued: August 15, 2019**

**TO**

**PROPOSAL, SPECIFICATIONS, BOND AND  
AFFIDAVIT FOR THE CONSTRUCTION  
OF  
WALNUT STORM WATER CAPTURE AND GROUNDWATER  
REPLENISHMENT BASIN, I-173  
B2019-37**

Note the following changes and/or additions to the Bidder's Submittal, Plans and Specifications for the project indicated above. This Addendum in its entirety may be viewed and downloaded from the Project website at <https://www.torranceca.gov/our-city/public-works/civil-and-traffic-engineering/capital-improvement-projects/walnut-stormwater-capture-and-groundwater-replenishment-basin-project-3144>. The bidder shall execute the Bidder's Certification at the end of this addendum, and shall **attach all pages of this addendum to the Contract Documents submitted with the Bid**. In addition, the bidder shall complete and submit the "Acknowledgment of Addenda Received" Form provided in Section C, page C-6 of the Specifications.

1. **Refer to Section A, NOTICE INVITING BIDS, pages A-1 and A-2 of the Specifications:**

The NOTICE INVITING BIDS pages A-1 to A-2 are hereby deleted in their entirety and replaced with the new Notice Inviting Bids pages A-1a to A-2a which extended the bid date to August 29, 2019 and added a mandatory meeting on August 21, 2019 and are attached to this Addendum.

2. **Refer to Section C, BIDDER'S SUBMITTAL, pages C-1 to C-4 of the Specifications and in the official Bidder's Submittal package provided by the City Clerk:**

The Bidder's Submittal page C-2 is hereby deleted in its entirety and replaced with the new Bidder's Submittal page C-2a which changed JACKING PIT and RECEIVING PIT units from CY to LS and is attached to this Addendum. Bidders must use the new Bidder's Submittal page C-2a in their bid.

3. **Refer to Section E, SPECIAL PROVISIONS, Section 6-1, page E-15 of the Specifications:**

After the third paragraph, insert the following:

Following the pre-construction meeting, an Administrative Notice to Proceed will be issued to allow Contractor to procure long lead items required for work during road closure. A Notice to Proceed will be issued upon completion of the procurement of long lead items. The sixty-five (65) working days shall commence upon issuance of the Notice to Proceed.

4. **Refer to Section E, SPECIAL PROVISIONS, Section 6-7.1, page E-19 of the Specifications:**

Delete the entire paragraph and replace with the following:

Time shall be of the essence in the Contract. The Contractor shall begin Work after the mailing by the Engineer to the Contractor, first class mail, postage prepaid, a Notice to Proceed and shall diligently prosecute the same to completion within 65 working days from the start date specified in the Notice to Proceed. No work is allowed during the period of October 15 to April 15 on the 48" reinforced concrete pipe (RCP) Los Angeles County Project 9814-Unit 2, Line B owned by LACFCD, pursuant to LACFCD permit, Appendix X.

5. **Refer to Section E, SPECIAL PROVISIONS, Section 209, page E-40 of the Specifications:**

Section 209 is hereby deleted in its entirety.

6. **Refer to Section E, SPECIAL PROVISIONS, Section 303-4.1.5, page E-52 of the Specifications:**

Delete the entire paragraph and replace with the following:

Payment for concrete block masonry shall be per the Contract Unit Price in square feet for REINFORCED CONCRETE BLOCK WALL REPAIRS and shall include all removal of existing damaged wall, mortar joints, grout, reinforcing steel, masonry blocks, and all other tools, equipment, labor, materials and methods necessary for repairing the existing concrete block masonry wall. Bid item does not include removal and replacement of wall foundations. Repairs shall be made similar to SPPWC Std. 601-4.

7. **Refer to Section E, SPECIAL PROVISIONS, Section 306-2.6, page E-62 of the Specifications:**

Delete the entire paragraph and replace with the following:

The Contract Unit Price for JACKING PIT shall include full compensation for excavation within the jacking pit limits as specified on the Plans, sloping, shoring, bracing, loading, disposing of surplus material, stockpiling, and hauling material to its final location. The Contract Unit Price for RECEIVING PIT shall include full compensation for excavation of the receiving pit within the City's right-of-way along 238th Street, sloping, shoring, bracing, loading, supporting existing 4" gas line per SPPWC Std. 224-2 Case 1, disposing of surplus material, stockpiling, and hauling material to its final location. The Contract Unit Price per linear foot of JACK 48" RCP, 2400 D shall include the cost of furnishing and installing the conduit, as well as constructing, supporting, and removing pilot tunnels; constructing reinforced concrete cradles where required; providing grout holes, grout, and grouting where necessary; and doing whatever else is appurtenant to jacking conduit within the limits shown on the Plans and as specified herein.

8. **Refer to Section E, SPECIAL PROVISIONS, Section 318-2.3, page E-66 of the Specifications:**

After the second paragraph, insert the following:

Jensen Precast  
521 Dunn Circle  
Sparks, NV 89431  
(775) 352-2700

9. **Refer to SD-512 PLAN SHEETS, Sheet 4 of 9:**

SD-512 Plan Sheets, Sheet 4 of 9 is hereby deleted in its entirety and replaced with Sheet 4 of 9 Revision 1, where the split rail fence material was changed to Western Red Cedar and staff gauge height updated to 15 feet and is attached to this Addendum.

10. **Refer to SD-512 PLAN SHEETS, Sheet 5 of 9:**

SD-512 Plan Sheets, Sheet 5 of 9 is hereby deleted in its entirety and replaced with Sheet 5 of 9 Revision 1, which added note 54 remove abandoned utility line and is attached to this Addendum.

By Order of the City Engineer

/S/ STEVE FINTON

Steve Finton  
Acting Deputy Public Works Director/City Engineer

Attachments:

- 1.) Bidder's Certification
- 2.) Notice Inviting Bids, A-1a to A-2a
- 3.) Bidder's Submittal, C-2a
- 4.) SD-512, Sheet 4 of 9, Rev. 1
- 5.) SD-512, Sheet 5 of 9, Rev. 1
- 6.) SPPWC Std. 224-2 Case 1



BIDDER'S CERTIFICATION

I acknowledge receipt of the foregoing Addendum No. 1 and accept all conditions contained therein.

Wright Construction Engineering Corp

Bidder

  
By Wes Wright

8/28/19

Date

\*\*\*\*\* Submit this executed form with the bid \*\*\*\*\*

Please fill out and submit the  
"Acknowledgment of Addenda Received" form  
provided in Section C of the Specifications.

**CITY OF TORRANCE, CALIFORNIA**

**NOTICE INVITING BIDS**

Notice is hereby given that sealed bids for performing the following described work will be received at the Office of the City Clerk of the City of Torrance, California, **until 3:00 p.m. on Thursday, August 29, 2019**, after which time they will be publicly opened and read at 3:15 p.m. in the Council Chambers of said City:

**CONSTRUCTION OF  
WALNUT STORM WATER CAPTURE AND GROUNDWATER REPLENISHMENT BASIN, I-173**

**B2019-37**

Plans and Specifications are available on the City's project website at <https://www.torranceca.gov/our-city/public-works/civil-and-traffic-engineering/capital-improvement-projects/walnut-stormwater-capture-and-groundwater-replenishment-basin-project-3144>

Those who only view and/or print the Plans and Specifications from the City's website will not automatically be added to the City's Plan Holder list for this project.

**The official Bidder's Submittal packet must be obtained from the Office of the City Clerk, City Hall, 3031 Torrance Boulevard, Torrance, California. Contact the City Clerk's office at (310) 781-7530 or [CityClerk@TorranceCA.gov](mailto:CityClerk@TorranceCA.gov) for more information. There is no cost if the Bidder's Submittal is obtained at City Hall. A payment of \$5 is required if requested by mail.** The amount includes tax and is not refundable. A prospective bidder must provide to the City Clerk the firm's name, address, telephone and fax numbers, a contact person and a valid email address. This will ensure that your firm is listed as a "Plan Holder" and that you can be contacted for any purpose related to this bid. Addenda will be issued only by posting to the project's website listed above. It is the Bidder's sole responsibility to visit the project's website to obtain and administer any Addendum related to this bid. An Addendum must be acknowledged by a bidder in its submitted form of Proposal. **If a bidder submits its Bidder's Submittal on forms other than the official Bidder's Submittal forms, the City may declare the bid as non-responsive.**

Full-size 24" x 36" Plans and a bound Specifications booklet may also be obtained at the same Office of the City Clerk, upon payment of \$50 if obtained at City Hall, or payment of \$60 if requested by mail. Both amounts include tax. Neither amount is refundable. The \$50 includes a copy of the official Bidder's Submittal packet. If requesting any item(s) by mail, please send check to the following:

**CITY OF TORRANCE  
OFFICE OF THE CITY CLERK  
3031 TORRANCE BLVD  
TORRANCE, CA 90503  
ATTN: B2019-37**

The Engineer's estimate of the contract total is between \$735,000 and \$745,000. All work shall be completed within **65** working days from the date of the Construction Notice to Proceed (NTP).

An Administrative Notice to Proceed will be issued prior to the issuance of a Construction Notice to Proceed. Refer to Section 6-1.1 of the specifications for additional details.

Per Division 2, Chapter 2 of the Torrance Municipal Code, the Torrance City Council may reject any and all bids, waive any informality or irregularity in such bids, and determine the lowest responsible bidder. No facsimile bids shall be accepted by the City.

Substitution of securities for withheld funds is permitted per Section 22300 of the Public Contract Code.

The City has determined that a Class A Contractor's license is necessary to bid this project, but reserves the right to accept another Class at the sole discretion of either the Public Works Director or Engineer.

Pursuant to Section 1770, et. seq., of the California Labor Code, the successful bidder shall pay not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations. These wage rates are available from the California Department of Industrial Relations' Internet website at <http://www.dir.ca.gov/DLSR/PWD>

Pursuant to Section 1725.5 of the California Labor Code, no contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations at the time the contract is awarded. Contractors and subcontractors may find additional information for registering at the Department of Industrial Relations website at <http://www.dir.ca.gov/Public-Works/PublicWorks.html>.

Pursuant to Labor Code section 1771.1, no contractor or subcontractor may be listed on a bid proposal for a public works project submitted on or after March 1, 2015 unless registered with the Department of Industrial Relations. Furthermore, all bidders and contractors are hereby notified that no contractor or subcontractor may be awarded, on or after April 1, 2015, a contract for public work on a public works project unless registered with the Department of Industrial Relations.

Pursuant to Labor Code section 1771.4, all bidders are hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Also refer to Special Provisions Section 7-2.6 of this document. (SB854)

A **mandatory** meeting will be held at the Walnut Basin on Wednesday, August 21, 2019, 11:00 a.m. to 12 noon. A driveway leading to the entrance to the basin is located beside the property at 23914 Walnut Street near 240th Street.

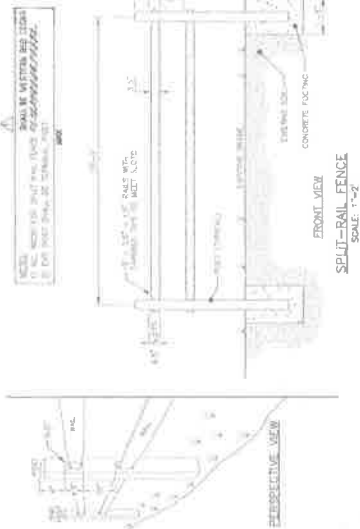
By order of the City Council of the City of Torrance, California.

For further information, please contact John Dettle, Engineering Manager in the Public Works Department at (310) 618-3059 or via the main office at (310) 781-6900.

Item #	Est. Qty	Unit	Bid Item Description	Sect. E Special Prov.	Unit Price	Total Bid
10	275	SF	REMOVAL AND DISPOSAL OF DRIVEWAY AND SIDEWALK	300-1.3	\$	\$
11	30	LF	REMOVAL AND DISPOSAL OF CURB AND GUTTER	300-1.3	\$	\$
12	83	TON	RIPRAP (FACING CLASS)	300-11	\$	\$
13	20	TON	AC PAVEMENT	302-5	\$	\$
14	1	EA	CATCH BASIN PER STD PLAN 300, W=7'	303-1	\$	\$
15	1	EA	PIPE CONNECTION PER STD PLAN 335, CASE 1	303-1	\$	\$
16	1	EA	DIVERSION STRUCTURE	303-1	\$	\$
17	1	EA	PERMANENT BULKHEAD, 48" RCP	303-1	\$	\$
18	1	EA	TEMPORARY BULKHEAD, 24" RCP	303-1	\$	\$
19	1	EA	HEADWALL & WINGWALLS PER CALTRANS STD PLAN D86B	303-1	\$	\$
20	30	LF	PCC CURB & GUTTER, TYPE A2-6	303-5	\$	\$
21	230	SF	PCC SIDEWALK, 4" THICK	303-5	\$	\$
22	35	SF	PCC DRIVEWAYS, 6" THICK	303-5	\$	\$
23	1	EA	LOCAL DEPRESSION PER STD PLAN 313-3, CASE B	303-5	\$	\$
24	1	EA	SLOPED PROTECTION BARRIER PER STD PLAN 360-2	304-1	\$	\$
25	8	LF	18" RCP, 1500 D	306-1	\$	\$
26	25	LF	24" RCP, 2200 D	306-1	\$	\$
27	25	LF	48" RCP, 2400 D	306-1	\$	\$
28	135	LF	JACK 48" RCP, 2400 D	306-2	\$	\$
29	1	LS	JACKING PIT	306-2	\$	\$
30	1	LS	RECEIVING PIT	306-2	\$	\$

**CONSTRUCTION NOTES:**

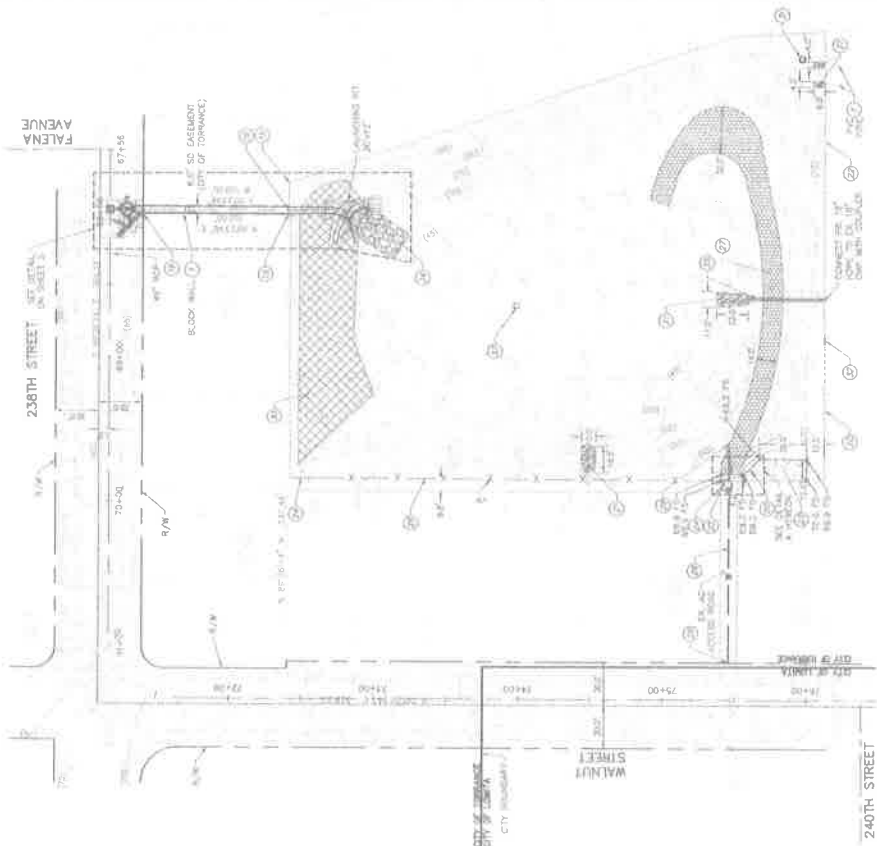
1. PROTECT IN PLACE
2. ELEVATION BENCHMARK ON 8" X 8" WALL PER SPECIFICATIONS
3. SPLIT-RAIL FENCE PER DETAIL ON SHEET 4
4. 8" DEPTH OF 2" SP-14L
5. BARBED WIRE AND ANGLE BRACKETS PER DETAIL HEREON
6. 4" THICK CONCRETE PAD
7. 8" HIGH WALK OFF MAT WITH BARBED WIRE PER SPRING STD PLAN 800-3, 100-4T
8. 8" HIGH SINGLE LEAF DRIVE GATE WITH BARBED WIRE PER SPRING STD PLAN 800-3, 100-4T
9. 8" HIGH CHAIN LINK FENCE WITH BARBED WIRE PER SPRING STD PLAN 800-3, 100-4T
10. 12" x 12" x 8" PVC CURBING INSTALLED IN 24" GAP PER CITY STD PLAN THIS FOR FUTURE IRRIGATION
11. 12" x 12" x 8" PVC CURBING INSTALLED IN 24" GAP PER CITY STD PLAN THIS FOR FUTURE IRRIGATION
12. 8" CLEAROUT FOR 8" PVC CURBING
13. JUTE EROSION CONTROL MATING AND SEEDS TO BE BURNED IN OR REMOVED BY TOPSOILS (SEE CLASS)
14. REINFORCED CONCRETE FLOOR ON EXISTING CONCRETE FLOOR
15. REPAIR BROKEN SECTION OF CONCRETE BLOCK WALL
16. FOOT RESTRAINT STAFF GAUGE PER DETAIL HEREON
17. 8" HP PER SECTION 20041-8 OF THE STANDARD SPECIFICATIONS (STEEL CLASS)
18. ANNUAL CURVE STORM SEALS PER DETAIL PER CITY STD PLAN 1022



VOLUME REQUIRED FOR FULL CAPTURE OF 80TH PERCENTILE STORM: 2.72 ACRE-FEET

VOLUME AVAILABLE BELOW ELEVATION OF OUTFLOW: 9.17 ACRE-FEET

DETAIL A  
SCALE: 1"=4'



**CITY OF TORRANCE  
PUBLIC WORKS DEPARTMENT**

PROJECT NO: 516207

DATE: 5/16/2017

SCALE: 1"=40'

PLAN NO: SD-512

DATE: 12/31/20

DESIGNED BY: S. BELL

DRAWN BY: T. TANIGAWA

ENGINEERS: [Signature]

ENGINEERING NUMBER: [Signature]

WALNUT STORM WATER CAPTURE AND GROUND WATER REPLENISHMENT BASIN, 1-173

SITE PLAN

NO.	DATE	BY	REVISIONS
1	12/31/20	S.B.	CHANGED STAFF GAUGE HEIGHT AND WEATHER SITE TOTAL
REVISED TOTAL			

DATE PREPARED BY: [Signature]

DATE: 12/31/20

PROJECT NO: 516207

SCALE: 1"=40'

**CWE**

1801 E. HANCOCK AVE  
DULLES, VA 20146  
TEL: 703-271-5200  
WWW.CWEENGINEERS.COM

52080

12/31/20

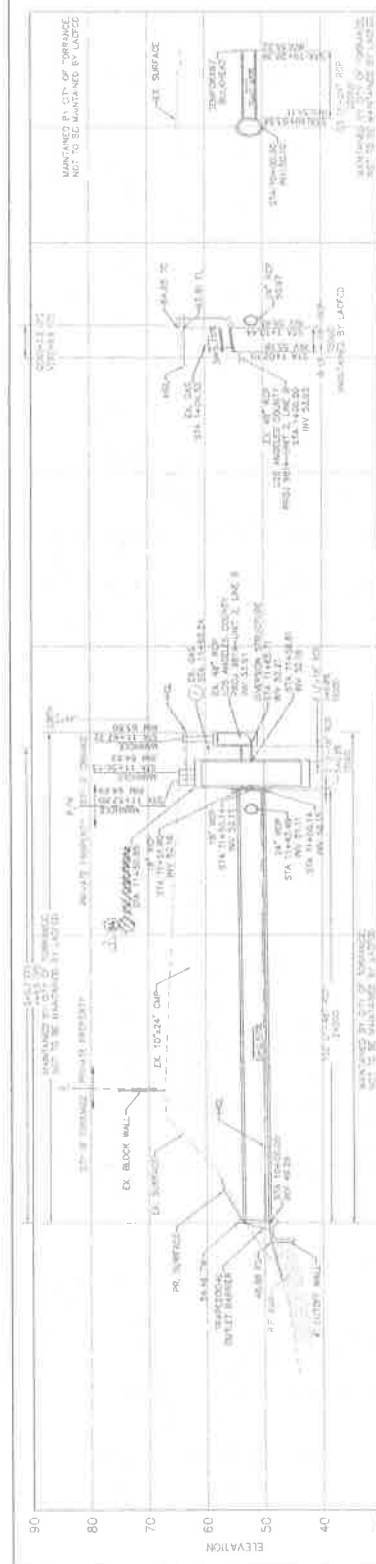
DATE: 12/31/20

DATE: 12/31/20

**811**

Know what's below. Call before you dig.

1-800-4-A-DIG



- CONSTRUCTION NOTES:**
1. 48" RCP, 2400# BEDDING PER JACOBS STD PLAN 3740-3, JACKED INTO PLACE PER SECTION 500-1 OF THE STD SPECIFICATIONS
  2. TRIANGULAR OUTLET BARRER PER SPRING STD PLAN 306-2
  3. CATCH BASIN PER SPRING STD PLAN 306-3 (W=10' H=10' max)
  4. LOCAL DEPRESSION FOR SPRING STD PLAN 313-3 CASE B
  5. DRIVEWAY APPROACH PER SPRING STD PLAN 110-2 TYPE B (APPROX ON V)
  6. ON PAVEMENT STRUCTURE USE DETAIL ON SHEET 5
  7. 24" RCP, 2400# BEDDING PER JACOBS STD PLAN 330-2, AT EXISTING STORM DRAIN FOR SPRING STD PLAN 332-2, CA
  8. HYDRODYNAMIC SEPARATOR (96" ID) PER DETAIL ON SHEET 6
  9. 5" AC OVER 6" AD
  10. 24" RCP, 2400# BEDDING PER JACOBS STD PLAN 306-3, AT EXISTING STORM DRAIN FOR SPRING STD PLAN 332-2, CASE 1
  11. CURB AND GUTTER PER SPRING STD PLAN 320-2 (42-6)(102)
  12. CONSTRUCT PCC SIDEWALK PER SPRING STD PLAN 113-2
  13. CONCRETE RETAINMENT WALL AND WALLS PER CHAIRS STD PLAN 238E (W=10' H=5' L=85' W=5.5' ANGLE OF FLOOR = 15')
  14. PERMANENT PIPE BULKHEAD SEE DETAIL HEREON
  15. TEMPORARY PIPE BULKHEAD SEE DETAIL HEREON
  16. 48" RCP, 2400# BEDDING PER JACOBS STD PLAN 306-3
  17. 18" RCP, 1500# BEDDING PER JACOBS STD PLAN 306-3
  18. 18" RCP, 1500# BEDDING PER JACOBS STD PLAN 306-3
  19. 18" RCP, 1500# BEDDING PER JACOBS STD PLAN 306-3

**CONSTRUCTION NOTES:**

1. 18" RCP
2. 24" RCP

**811**  
 Know what's below. Call before you dig.  
 1-800-4-A-SAFE

**CITY OF TORRANCE PUBLIC WORKS DEPARTMENT**

APPROVED BY: *S. Bell* DATE: 5/16/2019  
 DRAWN BY: *T. Takigawa*  
 CHECKED BY: *M. K. [Signature]*  
 ENGINEER: *[Signature]*  
 MANAGER: *[Signature]*

PROJECT: WALNUT STORM WATER CAPTURE AND GROUNDWATER REPLENISHMENT BASIN, I-173  
 SHEET: STORM DRAIN PLAN AND PROFILE

SCALE: 1" = 30'

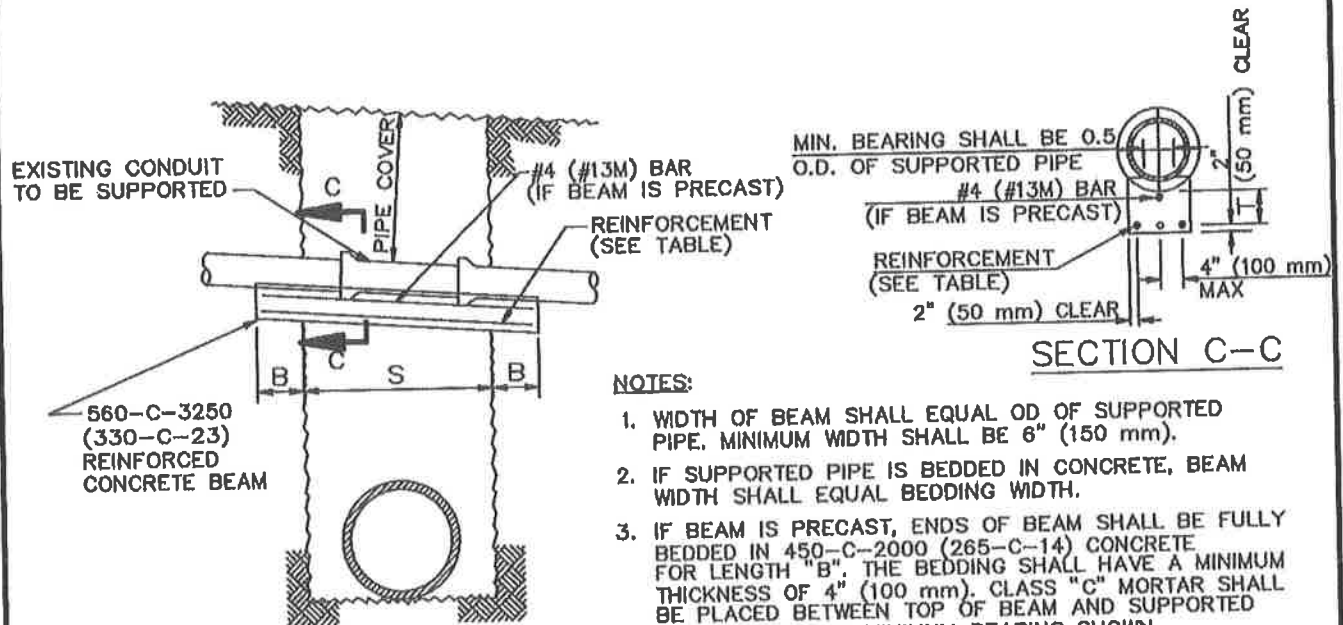
DATE: 12/31/20

PROJECT NO: 52060

SD-512

# CASE I REINFORCED CONCRETE BEAM

FOR 4" (100 mm) TO 24" (610 mm) ID PIPE



**NOTES:**

1. WIDTH OF BEAM SHALL EQUAL OD OF SUPPORTED PIPE. MINIMUM WIDTH SHALL BE 6" (150 mm).
2. IF SUPPORTED PIPE IS BEDDED IN CONCRETE, BEAM WIDTH SHALL EQUAL BEDDING WIDTH.
3. IF BEAM IS PRECAST, ENDS OF BEAM SHALL BE FULLY BEDDED IN 450-C-2000 (265-C-14) CONCRETE FOR LENGTH "B". THE BEDDING SHALL HAVE A MINIMUM THICKNESS OF 4" (100 mm). CLASS "C" MORTAR SHALL BE PLACED BETWEEN TOP OF BEAM AND SUPPORTED PIPE TO PROVIDE MINIMUM BEARING SHOWN.
4. THIS CASE IS PERMITTED ONLY IF THE TRENCH WALLS ARE FIRM AND UNYIELDING.
5. MAXIMUM SPACING OF BARS SHALL BE 4" (100 mm) OC.

SEE REINFORCED CONCRETE BEAM TABLE (DIMENSIONS AND REINFORCEMENT) ON PAGE 2, THIS SECTION.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE  
PUBLIC WORKS STANDARDS INC.  
GREENBOOK COMMITTEE  
1984  
REV. 1996, 2009

## SUPPORTS FOR CONDUITS ACROSS TRENCHES

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

224-2

SHEET 1 OF 4

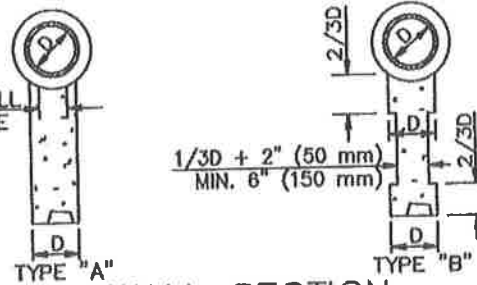
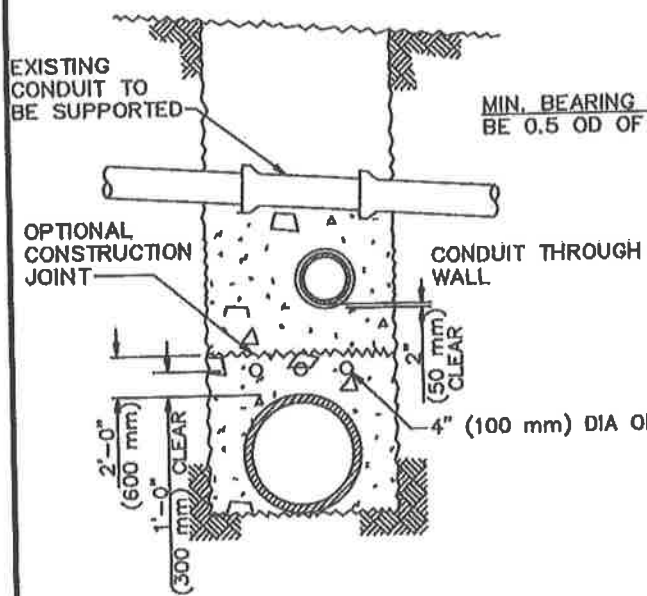


REINFORCED CONCRETE BEAM (DIMENSIONS AND REINFORCEMENT)

PIPE COVER

S	0' TO 8'-0"		8'-0" TO 12'-0"		12'-0" TO 16'-0"		16'-0" TO 20'-0"		20'-0" TO 25'-0"			
	(0 m TO 2.4 m)		(2.4 m TO 3.7 m)		(3.7 m TO 4.9 m)		(4.9 m TO 6.0 m)		(6.0 m TO 7.6 m)			
	T	BARS	B	T	BARS	B	T	BARS	B	T	BARS	B
0' TO 4'-0" (8m TO 1.2m)	8"	#4 (#13M)	1'-6" (0.50m)	8"	#4 (#13M)	1'-6" (0.50m)	10"	#4 (#13M)	1'-6" (0.50m)	10 1/2"	#4 (#13M)	0.50m (1'-6")
4'-0" TO 5'-0" (1.2m TO 1.50m)	8"	#4 (#13M)	1'-6" (0.50m)	9 1/2"	#4 (#13M)	1'-6" (0.50m)	11"	#4 (#13M)	1'-6" (0.50m)	12 1/2"	#5 (#16M)	0.50m (1'-6")
5'-0" TO 6'-0" (1.5m TO 1.85m)	9"	#4 (#13M)	1'-6" (0.50m)	11"	#5 (#16M)	1'-6" (0.50m)	12 1/2"	#5 (#16M)	2'-0" (0.6m)	14 1/2"	#5 (#16M)	0.6m (3'-0")
6'-0" TO 7'-0" (1.85m TO 2.15m)	10"	#5 (#16M)	1'-6" (0.50m)	12 1/2"	#5 (#16M)	2'-0" (0.6m)	14 1/2"	#5 (#16M)	2'-0" (0.6m)	16 1/2"	#6 (#19M)	0.6m (2'-0")
7'-0" TO 8'-0" (2.15m TO 2.45m)	11"	#5 (#16M)	1'-6" (0.50m)	14"	#5 (#16M)	2'-0" (0.6m)	16"	#5 (#16M)	2'-6" (0.75m)	19"	#6 (#19M)	0.6m (2'-6")
8'-0" TO 9'-0" (2.45m TO 2.75m)	12 1/2"	#5 (#16M)	2'-0" (0.6m)	15 1/2"	#5 (#19M)	2'-6" (0.75m)	17 1/2"	#6 (#19M)	3'-0" (0.90m)	21"	#6 (#19M)	0.75m (2'-6")
9'-0" TO 10'-0" (2.75m TO 3.0m)	13 1/2"	#6 (#19M)	2'-0" (0.6m)	17"	#6 (#19M)	2'-6" (0.75m)	19 1/2"	#6 (#19M)	3'-0" (0.90m)	23"	#6 (#19M)	0.75m (3'-0")
10'-0" TO 10'-0" (3.0m TO 3.35m)	14 1/2"	#6 (#19M)	2'-6" (0.75m)	18 1/2"	#6 (#19M)	3'-0" (0.90m)	21"	#6 (#19M)	3'-0" (0.90m)	25"	#7 (#22M)	0.90m (3'-0")
11'0" TO 12'-0" (3.35m TO 3.65m)	15 1/2"	#6 (#19M)	2'-6" (0.75m)	20"	#6 (#19M)	3'-0" (0.90m)	23"	#7 (#22M)	3'-6" (1.10m)	27"	#7 (#22M)	0.90m (3'-6")
12'-0" TO 13'-0" (3.65m TO 4.00m)	17"	#6 (#19M)	3'-0" (0.90m)	21 1/2"	#7 (#22M)	3'-6" (1.10m)	24 1/2"	#7 (#22M)	4'-0" (1.20m)	29"	#7 (#22M)	1.10m (4'-0")
13'-1" TO 14'-0" (4.00m TO 4.25m)	18"	#7 (#22M)	3'-0" (0.90m)	23"	#7 (#22M)	3'-6" (1.10m)	26 1/2"	#7 (#22M)	4'-0" (1.20m)	31 1/2"	#7 (#22M)	1.20m (4'-0")
14'-0" TO 15'-0" (4.25m TO 4.60m)	19"	#7 (#22M)	3'-0" (0.90m)	25"	#7 (#22M)	4'-0" (1.20m)	28"	#7 (#22M)	4'-6" (1.40m)			
15'-0" TO 16'-0" (4.6m TO 4.90m)	20 1/2"	#7 (#22M)	3'-6" (1.10m)	26 1/2"	#7 (#22M)	4'-0" (1.20m)	30"	#8 (#25M)	4'-6" (1.40m)			
16'-0" TO 17'-0" (4.90 TO 5.20m)	21 1/2"	#7 (#22M)	3'-6" (1.10m)	28"	#8 (#25M)	4'-6" (1.40m)						
17'-0" TO 18'-0" (5.20m TO 5.50m)	22 1/2"	#8 (#25M)	4'-6" (1.40m)	29 1/2"	#8 (#25M)	4'-6" (1.40m)						

## CASE 2 CONCRETE WALL

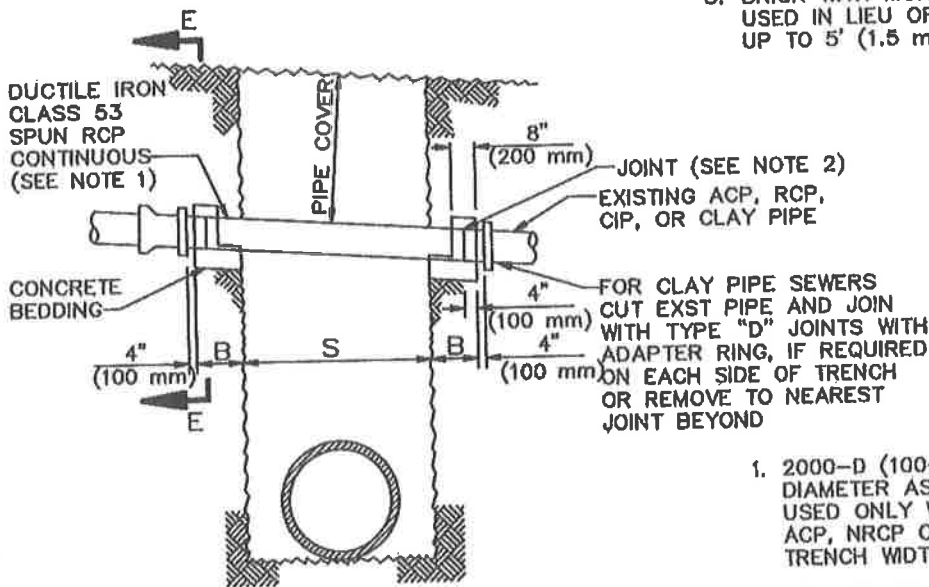


**WALL SECTION**

**NOTES**

1. THE SUPPORTING WALL SHALL HAVE A FIRM BEARING ON THE SUBGRADE AND AGAINST THE SLIDES OF THE EXCAVATION.
2. ANY CONDUIT PASSING THROUGH THE WALL SHALL HAVE 2" (50 mm) CLEARANCE FROM THE WALL.
3. 4' (100 mm) DIA OPENING THROUGH THE WALL AT 2' (600 mm) OC HORIZONTALLY AND AT 5' (1.5 m) OC VERTICALLY SHALL BE PROVIDED TO PREVENT UNEQUAL PRESSURE RESULTING FROM JETTED BACKFILL.
4. IF SUPPORTED PIPE IS BEDDED IN CONCRETE, MINIMUM THICKNESS OF WALL SHALL EQUAL BEDDING WIDTH.
5. BRICK WITH MORTAR JOINTS MAY BE USED IN LIEU OF CONCRETE FOR WALLS UP TO 5' (1.5 m) IN HEIGHT OR LENGTH.

## CASE 3 DUCTILE IRON PIPE

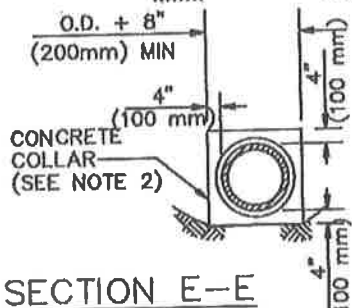


**NOTES**

1. 2000-D (100-D) SPUN RCP OF SAME DIAMETER AS THE EXISTING PIPE MAY BE USED ONLY WHEN THE EXISTING PIPE IS ACP, NRCP OR RCP AND THE TRENCH WIDTH IS 5' (1.5 m) OR LESS.
2. THE CONCRETE COLLAR JOINT SHALL BE USED FOR JOINTS IN STORM DRAIN PIPE.

**ALLOWABLE SPANS AND MIN. REQUIRED BEARING FOR DUCTILE IRON PIPE**

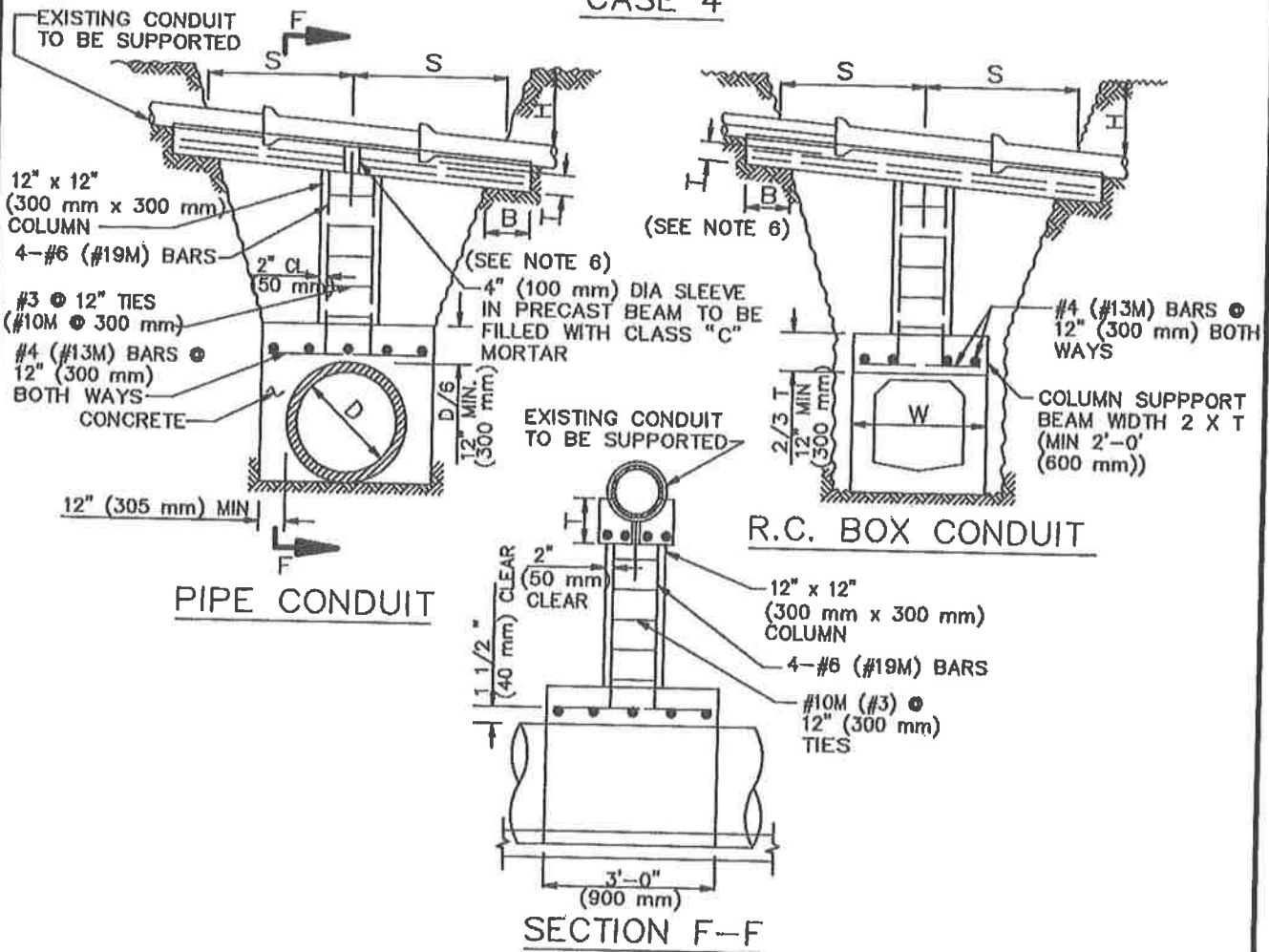
DEPTH OF COVER	6" (150 mm) PIPE		8" (200 mm) PIPE		10" (250 mm) PIPE	
	S (Max)	B (Min)	S (Max)	B (Min)	S (Max)	B (Min)
0" TO 8'-0" (0 m TO 2.45 m)	11'-0" (3.35 m)	1'-6" (0.5 m)	13'-6" (4.10 m)	1'-6" (0.5 m)	16'-6" (5.03 m)	2'-0" (0.6 m)
8'-0" TO 16'-0" (2.45 m TO 4.90 m)	8'-0" (2.45 m)	1'-6" (0.5 m)	10'-0" (3.00 m)	2'-0" (0.6 m)	12'-0" (3.66 m)	2'-0" (0.6 m)
16'-0" TO 25'-0" (4.90 m TO 7.60 m)	7'-0" (2.15 m)	1'-6" (0.5 m)	9'-0" (2.75 m)	2'-0" (0.6 m)	10'-6" (3.20 m)	2'-6" (0.75 m)



**SECTION E-E**

# COLUMN SUPPORT WITH REINFORCED CONCRETE BEAM

## CASE 4



### NOTES

- SPAN "S" SHALL BE MAXIMUM 18' (5.5 m) FOR EARTH COVER 8' (2.45 m) OR LESS, 12' (3.65 m) FOR EARTH COVER 16' (4.9 m) OR LESS, AND 10' (3.0 m) FOR OVER 16' (4.9 m) EARTH COVER.
- CONCRETE SHALL BE CLASS 560-C-3250 (330-C-23).
- WHEN THE PIPE TO BE SUPPORTED CROSSES THE TRENCH ON A SKEW ANGLE, THE WALL OR BEAM WHICH SUPPORTS THE COLUMN SHALL BE CONSTRUCTED AT RIGHT ANGLE TO THE TRENCH.
- SUPPORT SYSTEM MAY BE USED OVER CAST-IN-PLACE STRUCTURES.
- BACKFILL ABOVE THE SUPPORT BEAM SHALL NOT BE PLACED UNTIL 72 HOURS AFTER THE SUPPORT IS POURED.
- REINFORCED CONCRETE BEAM DIMENSIONED AND REINFORCED PER TABLE UNDER CASE 1.

### GENERAL NOTES

- "S" IS THE SPAN OF THE PIPE SUPPORT MEASURED ALONG ITS CENTERLINE.
- "B" IS THE LENGTH OF BEARING OF THE SUPPORT AGAINST UNDISTURBED EARTH MEASURED ALONG THE PIPE CENTERLINE.
- CASE 2 SHALL BE USED FOR PARTIAL CROSSINGS, EXCEPT THAT WHERE THE DISTANCE FROM A SEWER CHIMNEY TO UNDISTURBED EARTH IS 18" (450 mm) OR LESS, THE TRENCH BACKFILL MAY BE DENSIFIED TO 18" (450 mm) ABOVE A HOUSE CONNECTION SEWER AND THEN RE-EXCAVATED FOR THE PIPE INSTALLATION.
- ANY SEWER OR STORM DRAIN EXPOSED OR PARTIALLY EXPOSED IN A TUNNEL EXCAVATION SHALL BE SUPPORTED WITH A WALL, CASE 2.
- IF BEDDING IS REMOVED FROM THE EXISTING PIPE THAT WILL REMAIN IN PLACE, THE PIPE SHALL BE EMBEDDED WITH CONCRETE AT NO EXTRA COST TO THE AGENCY.
- UNLESS OTHERWISE INDICATED, CONCRETE SHALL BE CLASS 450-C2000 (265-C-14).

CITY OF TORRANCE, CALIFORNIA

ADDENDUM NO. 2  
Issued: August 22, 2019

TO

PROPOSAL, SPECIFICATIONS, BOND AND  
AFFIDAVIT FOR THE CONSTRUCTION  
OF  
WALNUT STORM WATER CAPTURE AND GROUNDWATER  
REPLENISHMENT BASIN, I-173  
B2019-37

Note the following changes and/or additions to the Bidder's Submittal, Plans and Specifications for the project indicated above. This Addendum in its entirety may be viewed and downloaded from the Project website at <https://www.torranceca.gov/our-city/public-works/civil-and-traffic-engineering/capital-improvement-projects/walnut-stormwater-capture-and-groundwater-replenishment-basin-project-3144>. The bidder shall execute the Bidder's Certification at the end of this addendum, and shall **attach all pages of this addendum to the Contract Documents submitted with the Bid**. In addition, the bidder shall complete and submit the "Acknowledgment of Addenda Received" Form provided in Section C, page C-6 of the Specifications.

1. **Refer to Section B, INSTRUCTIONS TO BIDDERS, D.3 Bid Instructions and Submissions, page B-2 of the Specifications:**

Delete Item #10 Debarment and Suspension Certification and Item #11 Disclosure of Lobbying Activities.

2. **Refer to Section C, BIDDER'S SUBMITTAL, pages C-1 and C-4 of the Specifications and in the official Bidder's Submittal package provided by the City Clerk:**

The Bidder's Submittal pages C-1 and C-4 are hereby deleted in their entirety and replaced with the new Bidder's Submittal pages C-1a and C-4a which changed the quantity of Item #8 UNCLASSIFIED EXCAVATION from 350 to 300, changed the quantity of Item #110 BARBED WIRE AND ANGLE BRACKETS from 50 to 20, deleted item #105 REINFORCED CONCRETE BLOCK WALL REPAIRS, deleted item #109 CHAIN LINK SINGLE LEAF DRIVE GATE, 6' HIGH, WITH BARBED WIRE, W=16', and added new bid item #105 for 2" GRAVEL. These sheets are attached to this Addendum and Bidders must use these new Bidder's Submittal pages C-1a and C-4a in their bid.

3. **Refer to Addendum #1 attachment, Bidder's Submittal C-2a:**

The Bidder's Submittal page C-2a is hereby deleted in its entirety and replaced with the new Bidder's Submittal page C-2b which changed the quantity of 18" RCP, 1500 D from 8 to 17 and is attached to this Addendum. Bidders must use the new Bidder's Submittal page C-2b in their bid.

4. Refer to Section E, SPECIAL PROVISIONS, Section 7-10.5, page E-32 of the Specifications:

Delete Section 7-10.5 and subsection 7-10.5.3 in their entirety.

5. Refer to Section E, SPECIAL PROVISIONS, Section 7-10.6, page E-34 of the Specifications:

Delete the sixth paragraph requiring submittal of Traffic Control Plan and replace with the following:

After award of the contract, the Contractor shall submit to the City its proposed Traffic Control Plan for non-working hours as required by the Special Provisions and to comply with the requirements specified herein. This submittal shall be made sufficiently in advance (street closure schedules MUST be submitted ten (10) days prior to closing the affected street) of any rerouting or diversion of traffic by the Contractor to allow for a review of the Contractor's proposed traffic control by the Public Works Director. During non-working hours, Contractor is allowed to leave temporary detour signs in place.

By Order of the City Engineer

/S/ STEVE FINTON

Steve Finton  
Acting Deputy Public Works Director/City Engineer

Attachments:

- 1.) Bidder's Certification
- 2.) Bidder's Submittal, C-1a
- 3.) Bidder's Submittal, C-2b
- 4.) Bidder's Submittal, C-4a

BIDDER'S CERTIFICATION

I acknowledge receipt of the foregoing Addendum No. 2 and accept all conditions contained therein.

Wright Construction Engineering Corp

Bidder

  
By Wes Wright

8/28/19  
Date

\*\*\*\*\* Submit this executed form with the bid \*\*\*\*\*

Please fill out and submit the  
"Acknowledgment of Addenda Received" form  
provided in Section C of the Specifications.

**BIDDER'S SUBMITTAL**

Company: \_\_\_\_\_ Total Base Bid: \_\_\_\_\_

**PROPOSAL, SPECIFICATIONS, BOND AND AFFIDAVIT FOR THE CONSTRUCTION OF  
WALNUT STORM WATER CAPTURE AND GROUNDWATER REPLENISHMENT BASIN, I-173  
B2019-37**

Honorable Mayor and Members  
of the Torrance City Council  
Torrance, California

Members of the Council:

In accordance with the Notice Inviting Bids pertaining to the receiving of sealed proposals by the City Clerk of the City of Torrance for the above titled improvement, the undersigned hereby proposes to furnish all Work to be performed in accordance with the Plans, Specifications, Standard Drawings, and the Contract Documents, for the unit price or lump sum set forth in the following schedules.

**BID SCHEDULE**

**BASE BID:**

Item #	Est. Qty	Unit	Bid Item Description	Sect. E Special Prov.	Unit Price	Total Bid
1	1	LS	MOBILIZATION (5% MAX. OF TOTAL BID SCHEDULE COST)	9-3.4	\$	\$
2	1	LS	SURVEYING	2-9	\$	\$
3	1	LS	NPDES COMPLIANCE	7-8.6	\$	\$
4	1	LS	TRAFFIC CONTROL	7-10.2 7-10.6	\$	\$
5	1	LS	STAFF GAUGE	217	\$	\$
6	1	LS	PHENOLOGY CAMERA	218	\$	\$
7	1	LS	CLEARING AND GRUBBING	300-1	\$	\$
8	300	CY	UNCLASSIFIED EXCAVATION	300-2	\$	\$
9	8	LF	REMOVE 48" RCP	300-1.3	\$	\$



Item #	Est. Qty	Unit	Bid Item Description	Sect. E Special Prov.	Unit Price	Total Bid
10	275	SF	REMOVAL AND DISPOSAL OF DRIVEWAY AND SIDEWALK	300-1.3	\$	\$
11	30	LF	REMOVAL AND DISPOSAL OF CURB AND GUTTER	300-1.3	\$	\$
12	83	TON	RIPRAP (FACING CLASS)	300-11	\$	\$
13	20	TON	AC PAVEMENT	302-5	\$	\$
14	1	EA	CATCH BASIN PER STD PLAN 300, W=7'	303-1	\$	\$
15	1	EA	PIPE CONNECTION PER STD PLAN 335, CASE 1	303-1	\$	\$
16	1	EA	DIVERSION STRUCTURE	303-1	\$	\$
17	1	EA	PERMANENT BULKHEAD, 48" RCP	303-1	\$	\$
18	1	EA	TEMPORARY BULKHEAD, 24" RCP	303-1	\$	\$
19	1	EA	HEADWALL & WINGWALLS PER CALTRANS STD PLAN D86B	303-1	\$	\$
20	30	LF	PCC CURB & GUTTER, TYPE A2-6	303-5	\$	\$
21	230	SF	PCC SIDEWALK, 4" THICK	303-5	\$	\$
22	35	SF	PCC DRIVEWAYS, 6" THICK	303-5	\$	\$
23	1	EA	LOCAL DEPRESSION PER STD PLAN 313-3, CASE B	303-5	\$	\$
24	1	EA	SLOPED PROTECTION BARRIER PER STD PLAN 360-2	304-1	\$	\$
25	17	LF	18" RCP, 1500 D	306-1	\$	\$
26	25	LF	24" RCP, 2200 D	306-1	\$	\$
27	25	LF	48" RCP, 2400 D	306-1	\$	\$
28	135	LF	JACK 48" RCP, 2400 D	306-2	\$	\$
29	1	LS	JACKING PIT	306-2	\$	\$
30	1	LS	RECEIVING PIT	306-2	\$	\$

**ADDITIVE BID ITEM (BASIN IMPROVEMENTS):**

Item #	Est. Qty	Unit	Bid Item Description	SPEC. SECTION	Unit Price	Total Bid
101	305	LF	REMOVE EXISTING CHAIN LINK FENCE	300-1.3	\$	\$
102	55	LF	REMOVE EXISTING CMP	300-1.3	\$	\$
103	7,000	SF	JUTE EROSION CONTROL MATTING AND SEEDS	300-9	\$	\$
104	41	CY	CRUSHED AGGREGATE BASE ACCESS ROAD	301-2	\$	\$
105	10	CY	2" GRAVEL	200-1.3	\$	\$
<del>105</del>	<del>100</del>	<del>SF</del>	<del>REINFORCED CONCRETE BLOCK WALL REPAIRS</del>	<del>303-4</del>	<del>\$</del>	<del>\$</del>
106	660	SF	PCC WALK, 4" THICK	303-5	\$	\$
107	290	LF	CHAIN LINK FENCE, 6' HIGH, WITH BARBED WIRE	304-3	\$	\$
108	2	EA	CHAIN LINK WALK GATE, 6' HIGH, WITH BARBED WIRE, W=4'	304-3	\$	\$
<del>109</del>	<del>1</del>	<del>EA</del>	<del>CHAIN LINK SINGLE LEAF DRIVE GATE, 6' HIGH, WITH BARBED WIRE, W=16'</del>	<del>304-3</del>	<del>\$</del>	<del>\$</del>
110	<del>50</del> 20	LF	BARBED WIRE AND ANGLE BRACKETS	304-5	\$	\$
111	65	LF	SPLIT RAIL FENCE	305-3	\$	\$
112	53	LF	18" ANNULAR HDPE STORM DRAIN PIPE	306-1, 207-18	\$	\$
113	152	LF	8" PVC CASING PIPE WITH CLEANOUTS	308-5.7	\$	\$
114	152	LF	ABANDON EXISTING STORM DRAIN AND FILL WITH SLURRY	306-5	\$	\$

**ADDITIVE (BASIN IMPROVEMENTS):**

TOTAL ADDITIVE BID PRICE \$ \_\_\_\_\_  
(Figures)\*

TOTAL ADDITIVE BID PRICE: \_\_\_\_\_  
(Words)\*

**\*ADDITIVE BID MAY BE REJECTED IF TOTAL IS NOT SHOWN IN FIGURES AND WORDS.**

**B2019-37**

C-4a