

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
N/A

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1

2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 24 NOV 98	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) W99B0001
6. ISSUED BY U.S. ARMY ENGINEER DISTRICT, LOS ANGELES P.O. BOX 532711 LOS ANGELES, CALIFORNIA 90053-2325		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(v)	9A. AMENDMENT OF SOLICITATION NO. DACW09-99-B-0001
	X	9B. DATED (SEE ITEM 11) 08 DEC 98 (BID OPENING)
		10A. MODIFICATION OF CONTRACT/ORDER NO. N/A
		10B. DATED (SEE ITEM 13) N/A
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(v)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

RIO HONDO CHANNEL IMPROVEMENTS, WHITTER NARROWS DAM TO FIRESTONE BOULEVARD  
LOS ANGELES COUNTY, CALIFORNIA

**\*\*The BID OPENING DATE is hereby changed from 01 December 98 to  
08 December 98\*\***

**\*REPLACE BIDDING SCHEDULE (Pages 00010-5 thru 00010-9) With Enclosure No.1  
\*REPLACE SECTION 01250, MEASUREMENT AND PAYMENT With Enclosure NO.2**

2 Encls:

1. BIDDING SCHEDULE (Pages 00010-5 thru 00010-9)
2. SECTION 01250, MEASUREMENT AND PAYMENT

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
<hr/> <i>(Signature of person authorized to sign)</i>		BY <hr/> <i>(Signature of Contracting Officer)</i>	

## SECTION 00010

BIDDING SCHEDULE

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Estimated Amount</u>
1.	CLEAR SITE AND REMOVE OBSTRUCTIONS	1	Job	L.S.	_____
2.	EXCAVATION	3,776	Cu.Yd.	_____	_____
3.	COMPACTED FILL	215,538	Cu.Yd.	_____	_____
4.	RIPRAP, 24-INCH	2,489	Ton	_____	_____
5.	STONE PROTECTION (LANDSCAPE STONE)	12,790	Ton	_____	_____
6.	GROUTED LANDSCAPE STONE	400	Ton	_____	_____
7.	GROUTED STONE	21,700	Ton	_____	_____
8.	CONCRETE PARAPET WALL	1	Job	L.S.	_____
9.	RETAINING WALL NO. 437	1	Job	L.S.	_____
10.	RETAINING WALL NO. 394	1	Job	L.S.	_____
11.	RETAINING WALL NO. 390	1	Job	L.S.	_____
12.	RETAINING WALL NO. 381	1	Job	L.S.	_____
13.	RETAINING WALL NO. 380	1	Job	L.S.	_____
14.	RETAINING WALL NO. 378	1	Job	L.S.	_____
15.	RETAINING WALL NO. 371	1	Job	L.S.	_____
16.	RETAINING WALL NO. 370	1	Job	L.S.	_____
17.	RETAINING WALL NO. 369	1	Job	L.S.	_____
18.	RETAINING WALL NO. 368	1	Job	L.S.	_____
19.	RETAINING WALL NO. 309	1	Job	L.S.	_____
20.	RETAINING WALL NO. 307	1	Job	L.S.	_____
21.	RETAINING WALL NO. 243	1	Job	L.S.	_____
22.	RETAINING WALL NO. 241	1	Job	L.S.	_____
23.	RETAINING WALL NO. 235	1	Job	L.S.	_____
24.	RETAINING WALL NO. 232	1	Job	L.S.	_____
25.	RETAINING WALL NO. 224	1	Job	L.S.	_____
26.	RETAINING WALL NO. 219	1	Job	L.S.	_____

## SECTION 00010

BIDDING SCHEDULE

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Estimated Amount</u>
27.	RETAINING WALL NO. 215	1	Job	L.S.	_____
28.	RETAINING WALL NO. 214	1	Job	L.S.	_____
29.	RETAINING WALL NO. 206	1	Job	L.S.	_____
30.	RETAINING WALL NO. 200	1	Job	L.S.	_____
31.	RETAINING WALL NO. 184	1	Job	L.S.	_____
32.	RETAINING WALL NO. 183	1	Job	L.S.	_____
33.	RETAINING WALL NO. 182	1	Job	L.S.	_____
34.	RETAINING WALL NO. 181	1	Job	L.S.	_____
35.	RETAINING WALL NO. 180	1	Job	L.S.	_____
36.	RETAINING WALL NO. 179	1	Job	L.S.	_____
37.	RETAINING WALL NO. 176	1	Job	L.S.	_____
38.	RETAINING WALL NO. 175	1	Job	L.S.	_____
39.	RETAINING WALL NO. 155	1	Job	L.S.	_____
40.	RETAINING WALL NO. 154	1	Job	L.S.	_____
41.	RETAINING WALL NO. 153	1	Job	L.S.	_____
42.	RETAINING WALL NO. 149	1	Job	L.S.	_____
43.	RETAINING WALL NO. 147	1	Job	L.S.	_____
44.	RETAINING WALL NO. 146	1	Job	L.S.	_____
45.	RETAINING WALL NO. 145	1	Job	L.S.	_____
46.	RETAINING WALL NO. 101	1	Job	L.S.	_____
47.	RETAINING WALL NO. 100	1	Job	L.S.	_____
48.	RETAINING WALL NO. 98	1	Job	L.S.	_____
49.	RETAINING WALL NO. 97	1	Job	L.S.	_____
50.	RETAINING WALL NO. 96	1	Job	L.S.	_____
51.	RETAINING WALL NO. 82	1	Job	L.S.	_____
52.	RETAINING WALL NO. 81	1	Job	L.S.	_____
53.	RETAINING WALL NO. 80	1	Job	L.S.	_____

## SECTION 00010

BIDDING SCHEDULE

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Estimated Amount</u>
54.	CONCRETE PAVEMENT	1	Job	L.S.	_____
55.	CONCRETE CHANNEL LINING	1	Job	L.S.	_____
56.	CONCRETE CHANNEL INVERT	1	Job	L.S.	_____
57.	CONCRETE DRIVEWAY	1	Each	_____	_____
58.	CONCRETE LOCAL DEPRESSION	1	Job	L.S.	_____
59.	DOWN DRAIN	6	Each	_____	_____
60.	ASPHALT CONCRETE PAVEMENT	10,789	Ton	_____	_____
61.	6" ASPHALT CONCRETE CURB/BERM	3,327	LF	_____	_____
62.	AGGREGATE BASE COURSE	30,529	Ton	_____	_____
63.	DECOMPOSED GRANITE	738	Ton	_____	_____
64.	ACCESS ROAD DRAIN	410	Each	_____	_____
65.	SAFETY RAILING	4,364	L.F.	_____	_____
66.	BREAKAWAY SAFETY RAILING	1,052	L.F.	_____	_____
67.	FENCING, CHAIN LINK, 4' H	253	L.F.	_____	_____
68.	FENCING, CHAIN LINK, 5' H	35,023	L.F.	_____	_____
69.	FENCING, ORNAMENTAL, 5' H	5,852	L.F.	_____	_____
70.	FENCING, ORNAMENTAL, 8' H	6,808	L.F.	_____	_____
71.	GATES, CHAIN LINK MAINTENANCE	12	Each	_____	_____
72.	GATES, ORNAMENTAL PEDESTRIAN, 5' H	5	Each	_____	_____
73.	GATES, ORNAMENTAL PEDESTRIAN, 8' H	5	Each	_____	_____
74.	GATES, ORNAMENTAL MAINTENANCE, 5' H	4	Each	_____	_____
75.	GATES, ORNAMENTAL MAINTENANCE, 8' H	3	Each	_____	_____
76.	REINFORCED CONCRETE STAIRWAY, LEFT LEVEE-STA 392+50,371+00, 367+75,350+00,311+50,271+50, AND 245+61	1	Job	L.S.	_____
77.	HYDROSEEDING	1	Job	L.S.	_____
78.	HYDROSEEDING, MAINTENANCE	1	Job	L.S.	_____

## SECTION 00010

BIDDING SCHEDULE

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Estimated Amount</u>
79.	TREE, SHRUB, GROUND COVER, AND VINE PLANTINGS	1	Job	L.S.	_____
80.	TREE, SHRUB, GROUND COVER AND VINE PLANTINGS, MAINTENANCE	1	Job	L.S.	_____
81.	JUTE MESH	498,000	Sq. Ft.	_____	_____
82.	IRRIGATION SYSTEM	1	Job	L.S.	_____
83.	BENCHES, BICYCLE RACKS, PADS AND SIGN PEDESTAL	1	Job	L.S.	_____
84.	BICYCLE TRAIL STRIPING AND SIGNING	1	Job	L.S.	_____
85.	BICYCLE TRAIL CLOSURE AND DETOUR	1	Job	L.S.	_____
86.	INLET STRUCTURE OF DIVERSION CHANNEL - STA 379+75, LEFT BANK	1	Job	L.S.	_____
87.	SWIFT-WATER RESCUE ANCHOR DEVICE	16	EACH	_____	_____
88.	SIDE DRAIN, STA 431+00	1	Job	L.S.	_____
89.	SIDE DRAIN, STA 236+70	1	Job	L.S.	_____
90.	SIDE DRAIN, STA 230+50	1	Job	L.S.	_____
91.	SIDE DRAIN, STA 206+50	1	Job	L.S.	_____
92.	SIDE DRAIN, STA 183+90	1	Job	L.S.	_____
93.	SIDE DRAIN, STA 182+85	1	Job	L.S.	_____
94.	SIDE DRAIN, STA 165+20	1	Job	L.S.	_____
95.	SIDE DRAIN, STA 152+00	1	Job	L.S.	_____
96.	SIDE DRAIN, STA 151+00	1	Job	L.S.	_____
97.	SIDE DRAIN, STA 136+00	1	Job	L.S.	_____
98.	SIDE DRAIN, STA 135+00	1	Job	L.S.	_____
99.	SIDE DRAIN, STA 128+35	1	Job	L.S.	_____
100.	SIDE DRAIN, STA 114+45	1	Job	L.S.	_____
101.	SIDE DRAIN, STA 110+00	1	Job	L.S.	_____
102.	SIDE DRAIN, STA 105+50	1	Job	L.S.	_____
103.	SIDE DRAIN, STA 104+50	1	Job	L.S.	_____

## SECTION 00010

BIDDING SCHEDULE

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Estimated Amount</u>
104.	SIDE DRAIN, STA 104+00	1	Job	L.S.	_____
105.	SIDE DRAIN, STA 100+40	1	Job	L.S.	_____
106.	SIDE DRAIN, STA 95+90	1	Job	L.S.	_____
107.	SIDE DRAIN, STA 93+13	1	Job	L.S.	_____
108.	SIDE DRAIN, STA 91+98	1	Job	L.S.	_____
109.	SIDE DRAIN, STA 90+73	1	Job	L.S.	_____
110.	SIDE DRAIN, STA 90+05	1	Job	L.S.	_____
111.	SIDE DRAIN, STA 89+36	1	Job	L.S.	_____
112.	SIDE DRAIN, STA 88+11	1	Job	L.S.	_____
113.	SIDE DRAIN, STA 86+86	1	Job	L.S.	_____
114.	SIDE DRAIN, STA 86+41	1	Job	L.S.	_____
115.	SIDE DRAIN, STA 85+96	1	Job	L.S.	_____
116.	SIDE DRAIN, STA 84+71	1	Job	L.S.	_____
117.	SIDE DRAIN, STA 83+25	1	Job	L.S.	_____
118.	MODIFY SEWER SIPHON VAULT STRUCTURE	1	Job	L.S.	_____
119.	ADJUST MANHOLE TO GRADE	1	Job	L.S.	_____
120.	SHOTCRETE	28	Cu. Yd.	_____	_____
121.	QUALITY ASSURANCE VEHICLE	10	EACH	_____	_____
122.	AS-BUILT DRAWINGS	1	Job	L.S.	_____
123.	54" SIPHON STRUCTURE MODIFICATION @ STA 392+50 - LEFT LEVEE	1	Job	L.S.	_____

TOTAL ESTIMATED AMOUNT \$ \_\_\_\_\_

NOTES All extensions of the unit prices shown will be subject to verification by the Government. In case of variation between the unit price and the extension, the unit price will be considered to be the bid.

Bids shall be submitted on all items of the Bidding Schedule, otherwise, the bid will be considered nonresponsive and will be rejected.

Amounts and prices shall be indicated in either figures or words, not both.

## SECTION 01250

## MEASUREMENT AND PAYMENT

## 1. GENERAL.

The contract price and payment shall constitute full compensation as stated in the Contract Clause, CONTRACT PRICES - BIDDING SCHEDULES, for completion of the work. No separate payment will be made for any material or work covered in this specification, but not specifically mentioned as part of a bid item, and all costs into which the work pertains or considered incidental to all bid items. As stated in Contract Clause, SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION, the word "provided" shall be understood to mean "furnished and installed" when used in this section or elsewhere in the technical sections.

## 2. CLEAR SITE AND REMOVE OBSTRUCTIONS.

Payment for Clear Site and Remove Obstructions will be made at the applicable contract price, which payment shall constitute full compensation for clearing, grubbing within the channel rights-of-way and at fill sites inside the construction easement and removal of all indicated obstructions within the project limits. Except as otherwise specified, payment for clearing and removal work includes applicable earthwork; removing and plugging abandoned lines; removal of existing asphalt concrete pavement and asphalt curb, flood control features (stone, reinforced concrete, removal of fencing, grouted stone work); removal of miscellaneous trash and debris; removal of vegetation; removal of materials for salvage; protection, replacement or restoration of utilities, fences, walls and features indicated to remain; and the disposal of all materials.

## 3. EXCAVATION.

3.1 Measurement. A survey of the site shall be made prior to commencement of work, and all measurements will be based on this survey without regard to any changes in the site that may be made between the excavation lines and grades indicated on the drawings or staked in the field and ground surfaces as indicated by the above mentioned surveys. The actual slopes as excavated may be greater or less than those indicated or staked depending on the materials excavated and methods used in performing the work, but such alterations shall not change the measurement for payment from the original lines as specified herein. The quantity of directed excavation necessary for the removal of unsuitable foundation material as specified shall be included in the measurement of the excavation where the unsuitable soils are encountered. Quantities will be computed in cubic yards by the average end area method and the planimeter will be considered a precise instrument for measurement of plotted cross sections. All excavation outside of excavation lines shown on the drawings or staked in the field will be considered as being for the convenience of the Contractor.

## 3.2 Payment

3.2.1 Payment for Excavation will be made at the applicable contract price, which payment shall constitute full compensation for excavation and disposal of excavated materials.

3.2.2 Unsatisfactory Soils. No separate payment will be made for the excavation and disposal of unsatisfactory soils. When such excavation is directed, payment will be included in the applicable contract price for the items of work under which the unsuitable soils are encountered. When there is no applicable contract item an adjustment will be made.

3.2.3 Excavation for Structures. No separate payment will be made for excavation for structures. All costs therefore shall be included in the applicable contract item to which the work applies.

3.2.4 Trenches. No separate payment will be made for excavation of utility and pipe trenches. All costs therefore shall be included in the applicable contract prices for the items to which the work applies.

#### 4. COMPACTED FILL.

4.1 Measurement for compacted fill will be made between the excavation and structure lines and the fill limit lines, or between the ground lines and fill lines, as indicated or staked in the field. Quantities will be computed in cubic yards by the average end area method and the planimeter will be considered a precise instrument for measuring plotted cross sections.

#### 4.2 Payment.

4.2.1 Payment for Compacted Fill will be made at the applicable contract price, which payment shall constitute full compensation for obtaining, placing and compacting the fill.

4.2.2 Fill for Structures. No separate payment will be made for fill or backfill about structures. All such costs shall be included in the applicable contract prices for items to which the work applies.

4.2.3 Trenches. No separate payment will be made for backfilling of pipelines. All costs in connection therewith shall be included in the contract prices for items to which the work applies.

4.2.4 Subgrade Preparation. No separate payment will be made for subgrade preparation and all costs in connection therewith shall be included in the contract prices for items to which the work applies.

4.2.5 No separate payment will be made for borrow.

#### 5. STONE PROTECTION.

5.1 Measurement. The quantity of stone to be paid for will be number of tons (2,000 pounds), determined by scale weights, acceptably placed within the lines and grades shown on the drawings or directed by the Contracting Officer.

5.2 Payment for Riprap will be made at the applicable contract price, which payment shall constitute full compensation for obtaining and placing the stone, and furnishing and installing geotextile, complete.

5.3 Payment for Landscape Stone will be made at the applicable contract price, which payment shall constitute full compensation for obtaining and placing the stone, complete.

5.4 Payment for Grouted Landscape Stone will be made at the applicable contract price, which payment shall constitute full compensation for obtaining and placing the grouted landscape stone (grout and landscape stone), complete.

5.5 Payment for Grouted Stone will be made at the applicable contract price, which payment shall constitute full compensation for obtaining and placing the grouted stone (grout and stone), complete.

#### 6. CONCRETE.

6.1 Concrete Parapet Wall. Payment for the Concrete Parapet Wall shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, wall texturing, joints, waterstops, form work, complete. Payment shall not include removal of stonework; asphalt, and concrete channel lining for which other applicable payment items are provided.

6.2 Concrete Pavement. Payment for the Concrete Pavement shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, form work, joints, complete. Payment shall not include removal of stonework, and concrete channel lining for which other applicable payment items are provided.

6.3 Concrete Channel Lining. Payment for the Concrete Channel Lining shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, form work, joints, complete. Payment shall not include construction of concrete channel invert and removal of existing stonework and concrete channel lining for which other applicable payment items are provided.

6.4 Concrete Channel Invert. Payment for the Concrete Channel Invert shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, form work, joints, complete. Payment shall not include construction of concrete channel lining and removal of existing stonework and concrete channel lining for which other applicable payment items are provided.

6.5 Concrete Driveway. Payment for the Concrete Drive Ways shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, form work, joints, concrete curb, complete. Payment shall not include excavation and compacted fill, for which other applicable payment items are provided.

6.6 Concrete Local Depression. Payment for the Concrete Local Depression shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, form work, joints, concrete local depression, complete. Payment shall not include excavation and compacted fill, for which other applicable payment items are provided.

#### 7. RETAINING WALL.

Payment for each Retaining Wall shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, wall texturing, joints, form work, complete. The earthwork included shall be only that earthwork which is located outside the limits of earthwork for which other payment is provided. Payment will not include fencing for which other applicable payment items are provided.

#### 8. DOWN DRAIN.

Payment for Down Drain shall be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, form work, joints, complete. Payment shall not include excavation and compacted fill, for which other applicable payment items are provided.

## 9. ASPHALT CONCRETE PAVEMENT.

9.1 Measurement. The unit of measurement for the asphalt concrete pavement will be the ton (2,000 pounds). The Contractor shall weigh each load on a certified platform scale and shall furnish the Contracting Officer with duplicate Weighmaster's Certificates showing the actual net weights. One ticket shall be furnished to the plant inspector and one ticket to the inspector at the construction site. The bituminous mixture shall be weighed after mixing and no deduction will be made for the weight of bituminous material incorporated therein. Asphalt concrete used for the convenience of the Contractor will not be measured for payment.

9.2 Payment for Asphalt Concrete Pavement will be made at the applicable contract price, which payment shall constitute full compensation for asphalt concrete surfacing, curbs, dike, and overside drains including prime coat, tack coat, concrete header, subgrade preparation and appurtenant work; except construction of Asphalt Concrete Pavement between Station 308+00 and Station 225+00, Left Bank, and between Station 107+50 and Firestone Boulevard, Right Bank, is not a part of this contract and is not included in the quantity for the applicable Bid Item shown in the Bidding Schedule.

## 10. AGGREGATE BASE COURSE.

10.1 Measurement. The unit of measurement for the Aggregate Base Course will be the ton (2,000 pounds). The Contractor shall weigh each load on a certified platform scale and furnish the Contracting Officer with Duplicate Weighmaster's Certificates showing the actual net weights. One ticket shall be furnished to the plant inspector and one ticket to the inspector at the construction site. Aggregate Base Course used for the convenience of the Contractor will not be measured for payment.

10.2 Payment for Aggregate Base Course will be made at the applicable contract price, which payment shall constitute full compensation for aggregate base course, complete: except construction of Aggregate Base Course between Station 308+00 and Station 225+00, Left Bank, and between Station 107+50 and Firestone Boulevard, Right Bank, is not a part of this contract and is not included in the quantity for the applicable Bid Item shown in the Bidding Schedule.

## 11. 6-INCH ASPHALT CONCRETE CURB/BERM.

11.1 Measurement. The unit of measurement for the 6-Inch Asphalt Concrete Curb/Berm will be the linear foot along the flow line.

11.2 Payment for 6-Inch Asphalt Concrete Curb/Berm will be made at the applicable contract price, which payment shall constitute full compensation for the curb and berm installation, complete.

12. DECOMPOSED GRANITE. Payment for Decomposed Granite will be made at the applicable contract unit price, which payment shall constitute full compensation for the decomposed granite, complete; except construction of Decomposed Granite between Station 107+50 and Station 100+00, Right Bank, is not a part of this contract and is not included in the quantity for the applicable Bid Item shown in the Bidding Schedule.

13. ACCESS ROAD DRAIN. Payment for Access Road Drain will be made at the applicable contract unit price, which payment shall constitute full compensation for the access road drains, complete, including ACO drain channel, vine pocket, grate, pipe, check valve, formwork, concrete (including Portland cement), steel reinforcement and concrete slurry.

## 14. SAFETY RAILING

14.1 Measurement of Safety Railing will be made to the nearest linear foot horizontally along the centerline from end-to-end of the railing in place.

14.2 Payment for Safety Railing will be made at the applicable contract price, which payment shall constitute full compensation for the safety railing, complete.

## 15. BREAKAWAY SAFETY RAILING.

15.1 Measurement of Breakaway Safety Railing will be made to the nearest linear foot horizontally along the centerline from end-to-end of the railing in place.

15.2 Payments for Breakaway Safety Railing will be made at the applicable contract price, which payment shall constitute full compensation for the breakaway safety railing, complete.

## 16. FENCING

16.1 Measurement of Chain Link Fencing and Ornamental Fencing will be made to the nearest linear foot horizontally along the centerline from end-to-end of the fence in place. Temporary fencing will not be included in the measurement.

16.2 Payment for Chain Link Fencing and Ornamental Fencing will be made at the applicable contract price, which payment shall constitute full compensation for furnishing and installing the fencing, complete in place.

17. GATES. Payment for Chain Link Maintenance, Ornamental Maintenance and Ornamental Pedestrian Gates will be made at the applicable contract price, which payment shall constitute full compensation for the gates, complete. Payment for Ornamental Maintenance Gates shall include one pair of bollards for each set of gate.

18. REINFORCED CONCRETE STAIRWAYS, LEFT LEVEE - STATIONS 392+50, 371+00, 367+75, 350+00, 311+50, 271+50, AND 245+61. Payment for the stairways will be made at the applicable contract price, which payment shall constitute full compensation for stairway, complete, including concrete (including Portland cement), steel reinforcement, and railing. See APWA Standard Plan 640-1 in Section 01200.

19. HYDROSEEDING. Payment for Seeding Operations will be made at the applicable contract price which payment shall constitute full compensation for the grading, tillage, soil amending, fertilizing, seeding, mulching, establishing, and maintaining of areas to be seeded; except planting work between Station 308+00 and Station 22f5+00, Left Bank, and between Station 107+50 and Firestone Boulevard, Right Bank, is not a part of this contract and is not included in the quantity for the applicable Bid Item shown in the Bidding Schedule.

20. HYDROSEEDING MAINTENANCE. Payment for Hydroseeding Maintenance will be made at the applicable contract price, which payment shall constitute full compensation for maintenance during the establishment period of the hydroseeded area of twelve (12) months.

21. TREE, SHRUB, GROUND COVER, AND VINE PLANTINGS. Payment for Tree, Shrub, Groundcover, and Vine Plantings will be made at the applicable contract price, which payment shall constitute full compensation for obtaining, planting, and maintaining all trees, shrubs, ground cover, and vines, complete; except planting work between Station 308+00 and Station 22f5+00, Left Bank, and between Station 107+50 and Firestone Boulevard, Right Bank, is not a part of this contract and is not included in the quantity for the applicable Bid Item shown in the Bidding Schedule.

22. TREE, SHRUB, GROUND COVER, AND VINE PLANTINGS MAINTENANCE. Payment for Trees, Shrubs, Ground Covers and Vine Plantings Maintenance will be made at the applicable contract price, which payment shall constitute full compensation for maintenance during the establishment period of the Trees, Shrubs, Ground Cover, and Vine Plantings of 12 months.

23. JUTE MESH. Measurement of jute mesh will be by square foot placed. Payment for jute mesh will be made at the applicable contract price, which payment shall constitute full compensation for obtaining and constructing, complete.

24. IRRIGATION SYSTEM. Payment for Irrigation System, except for the portions specified in 24.1 and 24.2 below, will be made at the applicable contract price, which payment shall constitute full compensation for the irrigation system, complete in place, including trenching, bedding, and backfilling. Payment will include all costs for electrical system for irrigation controller.

24.1 Construction of Irrigation System between Station 308+00 and Station 225+00, Left Bank, is not a part of this contract and is not included in the quantity for the applicable Bid Item shown in the Bidding Schedule, except for the following:

- a. One(1) new 2" water meter at existing gate on Washington Blvd approximately 1600 feet east of the bridge.
- b. Backflow device, flow meter, master valve, one(1) each, and two(2) gate valves as shown on Sht L-9 immediately south of Washington Blvd.
- c. Approximately 1600 feet of 3" mainline pipe from the new water meter to the point of connection(P.O.C.) at the existing galvanized pipe at the bridge. Make connection to the existing galvanized pipe at the P.O.C.

24.2 Construction of Irrigation System between Station 107+50 and Firestone Blvd, Right Bank, is not a part of this contract and is not included in the quantity for the applicable Bid Item shown in the Bidding Schedule, except for the following:

- a. Valve station GG-38 and the dripline system connected to this station upstream of Station 107+50.
- b. Cap mainline pipe after valve station GG-38 for future connection.
- c. Cap lateral pipe(valve station GG-40) after the last bubbler at Station 107+50 for future connection.

25. BENCHES, BICYCLE RACKS, PADS AND SIGN PEDESTALS. Payment for Benches, Bicycle Racks, Pads and Sign Pedestals will be made at the applicable contract price, which payment shall constitute full compensation for providing the benches, bicycle racks and concrete pads, bicycle barriers and sign pedestals, complete, including concrete and steel reinforcement.

26. BICYCLE TRAIL STRIPING AND SIGNING.

Payment for Bicycle Trail Striping and Signing will be made at the applicable contract price, which payment shall constitute full compensation for providing bicycle trail striping and signing.

27. BICYCLE TRAIL CLOSURE AND DETOUR.

Payment for Bicycle Trail Closure and Detour will be made at the applicable contract price, which payment shall constitute full compensation for providing the closure and

detours, including, striping, temporary barricades, signing, fences, and restoration of the closure and detour areas upon completion of the work.

## 28. UTILITY RELOCATION/RECONSTRUCTION

28.1 INLET STRUCTURE OF DIVERSION CHANNEL, STA 379+75, LEFT BANK. Payment for Inlet Structure of Diversion Channel will be made at the applicable contract price, which payment shall constitute full compensation for the inlet and outlet structures, reinforced concrete pipes, trash rack and automatic flap gates, complete in place; including demolition, earthwork, concrete, steel reinforcement, reinforced concrete pipes, trash rack and automatic flap gates. The earthwork included shall be only that earthwork which is located outside the limits of earthwork for which other payment is provided.

28.2 ADJUST TO GRADE. Payment for Adjust To Grade will be made at the applicable contract price, which payment shall constitute full compensation for the adjustment to grade of valves, covers, manholes, etc., complete, including demolition and earthwork.

29. SWIFT-WATER RESCUE ANCHOR DEVICE. Payment for Swift-water Rescue Anchor Device will be made at the applicable contract price, which payment shall constitute full compensation for providing the eyenut anchors, painted yellow circles and "blue dots", complete, including demolition, earthwork, concrete(including Portland cement) and epoxy adhesive.

30. SIDE DRAINS. Payment for Side Drains will be made at the applicable contract price, which payment shall constitute full compensation for providing the reinforced concrete pipes, steel pipes, concrete collars, automatic flap gates, outlet structures, types 1, 2 and 3 inlets, and concrete gutter, complete, including demolition, earthwork, concrete(including Portland cement) and steel reinforcement. The earthwork included shall be only that earthwork which is located outside the limits of earthwork for which other payment is provided. Payment for each Side Drain at Stations 91+98, 88+11 and 84+71 shall include the construction of concrete gutters behind each existing building that drain to each side drain. Payment for Side Drain at Station 230+50 shall include the construction of the toe drain and cut off wall between Stations 226+90 and 231+40, complete, earthwork, concrete(including Portland cement) and steel reinforcement.

31. MODIFY SEWER SIPHON VAULT STRUCTURE, LEFT LEVEE, STATION 149+00. Payment for Modify Sewer Siphon Vault Structure will be made at the applicable contract price, which payment shall constitute full compensation for reinforced concrete, manhole risers and manhole frame and cover, complete, including demolition, earthwork, concrete(including Portland Cement) and steel reinforcement. The earthwork included shall be only that earthwork which is located outside the limits of earthwork for which other payment is provided. Payment shall not include Retaining Wall for which other payment is provided.

## 32. SHOTCRETE.

32.1 Measurement. Shotcrete will be measured for payment based upon the quantity per cubic yard, based on 4500 square feet shotcreted to the thickness shown on the contract drawings.

32.2 Payment for Shotcrete will be made at the applicable contract price, which payment shall constitute full compensation for furnishing, delivering and placing shotcrete, finishing surfaces and curing.

33. QUALITY ASSURANCE VEHICLES. Payment for Quality Assurance Vehicles will be made at the applicable contract price, which payment shall constitute full

compensation for providing the vehicles and all labor and materials required for their operation and maintenance.

34. AS-BUILT DRAWINGS. Payment for As-built drawings will be made at the applicable contract price, which payment shall constitute full compensation for providing the project as-built drawings.

35. 54" SIPHON STRUCTURE MODIFICATION @ STA 392+50 - LEFT LEVEE. Payment for 54" Siphon Structure Modification at Sta 392+50 will be made at the applicable contract price, which payment shall constitute full compensation for earthwork, concrete (including Portland cement), steel reinforcement, wall texturing, joints, form work, complete. The earthwork included shall be only that earthwork which is located outside the limits of earthwork for which other payment is provided. Payment will not include grouted stone, concrete steps, parapet wall, handrail, chain link fence, concrete lining and other improvements at this location for which other applicable payment items are provided.

-- End of Section --