

KENNETH L. EDWARDS  
CHIEF ENGINEER

1995 MARKET STREET  
P. O. BOX 1033  
TELEPHONE (714) 787-2015

**RECEIVED**  
APR 30 1982

**RIVERSIDE COUNTY FLOOD CONTROL AND  
WATER CONSERVATION DISTRICT**

RIVERSIDE, CALIFORNIA 92502  
April 29, 1982

**DEPT. OF PUBLIC WORKS**

City of Riverside  
Public Works Department  
3900 Main Street  
Riverside, CA 92502

Attention: William D. Gardner  
Chief Public Works Engineer

Gentlemen:

Re: Project 1120  
University Wash  
Parcel Map 16229

Pursuant to the application for encroachment permit dated January 27, 1982, received from Snyder-Langston, Inc., of Irvine, developers of the above referenced parcel map, I enclose herewith Riverside County Flood Control Encroachment Permit 1-0-120-720, in favor of the City of Riverside, granting permission to connect a 39-inch RCP to the District's University Wash Channel. The \$85 permit fee and \$200 inspection fee have been paid by the developer.

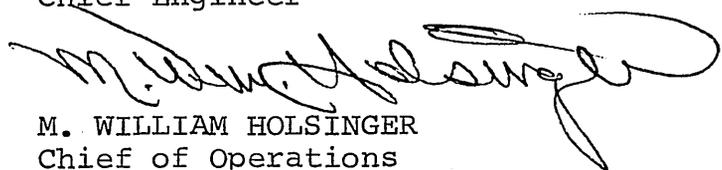
By letter dated April 26, 1982, Albert A. Webb Associates requested a time extension under this permit to October 30, 1982. Such time extension is hereby granted and this letter is made a part of the enclosed encroachment permit.

Your attention is called to Special Provision 2, found on the back of the permit, requiring 5 days notice prior to start of work.

Thank you for your cooperation.

Very truly yours,

KENNETH L. EDWARDS  
Chief Engineer

  
M. WILLIAM HOLSINGER  
Chief of Operations

Enclosure

cc: Albert A. Webb Associates  
Attention: Richard L. Teller  
with District receipt for \$200 inspection fee.

PUBLIC WORKS DEPT			
	Initial	File	Date
Director			
CPWE	<i>WJG</i>		
Sewer Plant			
Solid Waste			
Streets			
Traf. Engr.			
Cap. Proj.			
Land Dev.	<i>FRED</i>	<input checked="" type="checkbox"/>	4-30
Svy./L. Svc.	<i>KGS</i>	<input checked="" type="checkbox"/>	
Inspection	<i>MMO</i>	<input checked="" type="checkbox"/>	
Spec. Proj.			
Clerical			
Filed PM 16229			
K. L. Edwards			
C. L. Bata			

*PERMIT ON FILE?*

**ENCROACHMENT PERMIT**

City of Riverside  
Public Works Department  
3900 Main Street  
Riverside, CA 92502

Riverside, California

February 5, 1982

Attention: William D. Gardner  
Chief Public Works Engineer

In compliance with your request of January 27, 1982

and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form

PERMISSION IS HEREBY GRANTED TO connect a 39" R.C.P. (by means of Riverside County Flood Control and Water Conservation District Junction Structure No. 5, modified for flap gate installation) to University Wash Channel, Stage I, at Station 25+24.80.

Said work shall be performed in accordance with improvement plans for Parcel Map No. 16229.

Permittee's attention is called to Special Provisions Nos. 1 and 2, found on the reverse side hereof, requiring 5 days notice prior to commencing work. Notice may be given by calling Jack Hanson at 714/787-6667.

Permittee will have 20 days to complete the work.

Permittee shall indemnify District, its officers, agents and employees against and hold them free and harmless of, and from any and all liabilities, damages, and/or claims of any kind arising out of, or by reason of, the location, operation, maintenance, or use of District's right of way as authorized herein.

Said indemnification shall include any and all claims that may arise from a malfunction of the flap gate at the downstream end of the storm drain in the channel, or from any onsite drainage problem regardless of the cause. It should be noted that a grading plan was not submitted to the District.

This permit is to be strictly construed and no work other than that specifically mentioned above is authorized hereby. Performance of the work shall be deemed to be acceptance by the Permittee of all terms and conditions of this permit.

This permit shall be void unless work herein contemplated shall have been completed before July 30, 1982.

District Drawing No. 1-346, Sheet 3.

RECOMMENDED FOR APPROVAL:

By Jack L. Hanson  
PERMIT ENGINEER

By William D. Gardner  
CHIEF OF OPERATIONS

APPROVED:

Kenneth L. Edwards  
KENNETH L. EDWARDS  
CHIEF ENGINEER

## GENERAL PROVISIONS

1. ACCEPTANCE OF PROVISIONS. It is understood and agreed by the Permittee that the performance of any work authorized under this permit shall constitute an acceptance of the provisions contained herein, and failure to comply with said provisions shall result in revocation of this permit by the Riverside County Flood Control and Water Conservation District.

2. NO PRECEDENT ESTABLISHED. This permit is granted with the understanding that this action is not to be considered as establishing any precedent on the question of the expediency of permitting any certain kind of encroachment to be erected within right of way of the Riverside Flood Control and Water Conservation District.

3. KEEP PERMIT ON THE WORK. This permit shall be kept at the site of the work and must be shown to any representative of the Riverside County Flood Control and Water Conservation District.

4. PERMITS FROM OTHER AGENCIES. The party or parties to whom this permit is issued shall, whenever the same is required by law, secure the written order or consent to any work hereunder from the Public Utilities Commission of the State of California or any other public Board having jurisdiction, and this permit shall be suspended in operation unless and until such order or consent is obtained.

5. CLEAN UP RIGHT OF WAY. Upon completion of the work, all brush, timber, scraps and material shall be entirely removed and the right of way left in as presentable condition as before work started.

6. STANDARDS OF CONSTRUCTION. All work shall conform to recognized standards of construction.

7. SUPERVISION OF GRANTOR. All the work shall be done subject to the supervision of, and to the satisfaction of, the Riverside County Flood Control and Water Conservation District.

8. FUTURE MOVING OF INSTALLATION. It is understood by the Permittee that whenever construction, reconstruction or maintenance work on the right of way may require, the installation provided for herein shall, upon request of the Riverside County Flood Control and Water Conservation District, be immediately moved by, and at the sole expense of, the Permittee.

9. LIABILITY FOR DAMAGES. The Permittee is responsible for all liability for personal injury or property damage which may arise out of work herein permitted, or which may arise out of failure on the Permittee's part to perform his obligations under this permit in respect to maintenance. In the event any claim of such liability is made against the Riverside County Flood Control and Water Conservation District, or any officer or employee thereof, Permittee shall defend, indemnify and hold them and each of them harmless from such claim.

10. MAKING REPAIRS. The permittee shall replace and restore the right of way at the place of the excavation to its condition prior to the making of the excavation.

11. CARE OF DRAINAGE. If the work herein contemplated shall interfere with the established drainage, ample provision shall be made by the Permittee to provide for it as may be directed by the grantor.

12. MAINTENANCE. The permittee agrees by the acceptance of this permit to exercise reasonable care to maintain properly any encroachment placed by it in the right of way and to exercise reasonable care in inspecting for and immediately repairing and making good any injury to any portion of the right of way as a result of the work done under this permit, including any and all injury to the right of way which would not have occurred had such work not been done or such encroachment not placed therein.

13. PERFORMANCE WARRANTY. Bond may be required of the permittee whenever in the judgment of the Riverside County Flood Control and Water Conservation District, it becomes necessary or advisable to guarantee performance.

14. DURATION. This permit may be cancelled by the Riverside County Flood Control and Water Conservation District upon thirty days written notice to permittee.

## SPECIAL PROVISIONS

1. INSPECTION FEE REQUIRED BY GRANTOR. The permittee shall deposit a sum in the amount of \$ 200.00 with the Riverside County Flood Control and Water Conservation District at least five working days prior to the anticipated start of work covered by this permit. Said amount is to cover the estimated cost of inspection, investigation, testing, etc., by the District of the work proposed under the permit. \*

2. NOTICE OF BEGINNING OF WORK. The permittee shall advise the Chief Engineer in writing of the anticipated start of work covered by this permit. Said notice shall be delivered to the office of the Riverside County Flood Control and Water Conservation District at least five working days prior to the start of work.

\*If installation is not completed within either 10 working days after commencing work or such other time as may be specified on the encroachment permit, the permit will be suspended and no work will be allowed until a penalty payment equal to the original inspection fee is paid. This penalty will be assessed for each 10 working days or other specified period until the installation is completed.

Encroachment Permit No. 1-0-120-720  
City of Riverside  
February 5, 1982  
Page 3

Detail specifications listed on Pages 3 and 4 of this permit are hereby cited as part of the permit.

Materials and Methods

References made to the Standard Specifications refer to the Standard Specifications for Public Works Construction, 1979, including supplements. Wherever the words "State Standard Specifications" are used, they shall mean the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation, dated January, 1978.

1. Earthwork - Backfill shall be compacted to ninety (90) percent relative density, as specified in Section 300 of the Standard Specifications.

All surplus material shall become the property of the Permittee's contractor and shall be immediately disposed of by him, away from the site of the work.

2. Concrete Lining Slope Protection Removal and Replacement - All work described in this permit shall not begin until a schedule for removal and replacement of panels on the channel has been submitted to the District office and approved.

Concrete lining slope protection shall be removed and replaced in full panels only, partial panel removal and replacement will not be permitted. Any panels damaged by the contractor's operation shall be completely replaced as directed by the District.

Concrete slope paving removed to construct the Junction Structure shall be removed to transverse joints and longitudinal joint in the invert.

3. Concrete - The District requires all concrete shall conform To Section 90 of the State Standard Specifications. Combined aggregate grading shall be 1½ inch maximum per Section 90 - 3.04. Prior to placement of the concrete, the contractor shall submit mix designs to the District for approval. No admixture shall be used in any class of concrete without written permission from the District Chief Engineer. Slump shall not exceed 4 inches.

Concrete lining slope protection shall be Class "B" minimum 2,500 psi.

The Junction Structure No. 5 concrete shall be Class "A" minimum 3,000 psi with #4 bars doweled into slope paving as directed.

A tight wood float finish will be required on the surface of the concrete lining slope protection and excessive surface working will not be permitted. The concrete surfaces shall be broomed in a transverse direction with a fine textured hair push broom to produce a uniform surface and eliminate float marks. Brooming shall be done when the surface is sufficiently set to prevent deep scarring. If directed by the engineer, a fine spray of water shall be applied to the surface immediately in advance of brooming.

4. Curing - Concrete shall be coated with curing compound immediately after placing. The curing compound shall comply with the requirements of Section 90-7.01B of the State Standard Specifications. The curing compound shall be white pigmented Curing Compound-Petroleum Hydrocarbon Resin Base, State Specification (8030-71D-03).

5. Concrete Pipe - 39-inch R.C.P. shall be 1000-D. Pipe materials, manufacture and quality, shall conform to ASTM Designation: C 76.

Pipe shall be laid in a trench free of ponded water in conformance with Section 306-1.2.2 with joints in conformance with Section 306-1.2.4, of the Standard Specifications.

6. Flap gate - Materials and installation shall conform to Manufacturer's specifications and the following ASTM Standards:

Cast Iron	A126, Class B
Galvanized Steel (Fasteners)	A307 (Bolts)
	A164 (Galvanized Coating)
Galvanized Steel	A36 or A 306 (Carbon Steel)
	A123 (Galvanized Coating)