

**JURUPA COMMUNITY SERVICES DISTRICT
RIVERSIDE, CALIFORNIA**

ADDENDUM NO. 1

**TO THE PLANS AND SPECIFICATIONS FOR
FLORINE LIFT STATION
REPLACEMENT PROJECT
[JCSD P.N. 2760]**

Bidders are advised that the plans and specifications for the above referenced contract are hereby amended in the following manner and the following manner only:

A. GENERAL

1. All provisions of this Addendum No. 1 are hereby incorporated into the Contract Documents and bidders shall account for all provisions pursuant to this Addendum No. 1 in submitting their bid proposals. Each Bidder shall include a dated and signed copy of this Addendum No. 1 with his sealed bid proposal.
2. Emergency Standby Generator Sets – Emergency standby generator sets shall meet the sizing requirements equal to or may be larger than the specifications. Refer to the specifications for requirements regarding sizing of concrete pads, electrical requirements, controls, instrumentations, and all other modifications and adjustments required.

B. SPECIFICATIONS

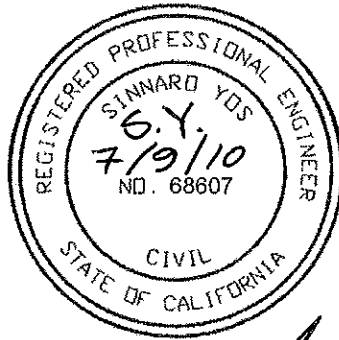
1. In the Contract and Contract Appendix of the Specifications, Union Pacific Railroad and Riverside County shall be named additionally insured for all insurance requirements in addition to currently named insured and additionally insured.
2. County of Riverside Transportation Department Encroachment Permit has been obtained and attached in this Addendum No. 1. See Attachment "A" hereon. County has approved grind and overlay limits and requirements as specified in Appendix B of the Specifications.

C. DRAWINGS

1. Detail 8 on Sheet 10: Delete 4"x2" stainless steel (S.S.) reducing coupling, 4" dia. S.S. nipple and 4" dia. threaded top outlet on ductile iron pipe (D.I.P.); and replace with: extend 2" dia. sch. 80 S.S. nipple to 10" to 12" long (length of nipple shall be field verified to provide top clearance of air valve for maintenances and removal), tap D.I.P., furnish and install saddle designed for use with D.I.P. in sewer conditions, saddle shall be all S.S. construction and provide

all gaskets, sealers, rings, nuts, bolts and pressure rating of saddle shall be equal to D.I.P. pressure rating.

2. The diagram entitled "Level Control Section Diagram" on Sheet E4: Incorporate the horn and strobe circuit to the Level Control Section Diagram per circuit shown on Attachment "B" hereon.



By:

Sinnaro Yos 7/19/10
Sinnaro Yos date
P. E. 68607

By: _____
(Bidder's Company Name)

Date Received by Bidder:

(Bidder's Signature)

(Type or Print Name)

Bidder shall include a signed copy of this Addendum No. 1 with the bid proposal.

Attachment "A"
County of Riverside Transportation
Department Encroachment Permit

NOTICE

The Riverside County Transportation Dept
Permit Section shall be notified 48 Hrs
prior to any construction
Telephone: 951-955-6790
If Permit Section is not notified, any
work performed is subject to immediate removal

Permit Nbr: R10-07-0013
Florine Avenue M2155
Armstrong Avenue S2006
33rd Street M2255
34th Street M2056B

RECEIVED

JUL - 8 2010

COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
TRANSPORTATION DEPARTMENT
ENCROACHMENT PERMIT

ALBERT A. WEBB ASSOCIATES

2006-0354

Re: ~~W. Shaw, Umesh~~
Ref: 685-7437 x-150
W/O: IP090085
W/O:

[
Jurupa Community Services District
11201 Harrel Street

Mira Loma, CA 91752-
]

July 8, 2010

Subject to the provisions of Riverside County Ord.#499, all the terms, conditions, restrictions, specifications, standards, rules and regulations of the County of Riverside or any other public agency written below or printed as general or special provision or incorporated herein by reference:

PERMISSION IS HEREBY GRANTED TO Install and maintain approximately 2140 feet of 8-inch diameter sewer force main, 250 feet of 10-inch diameter VCP sewer main, 200 feet of 12-inch diameter DIP sewer main and associated appurtenances within the Florine Avenue, Armstrong Avenue, 33rd Street and 34th Street rights of way as indicated on the attached drawings and specifications, which are hereby made a part of this permit.
(Sunny Slope area C-3-11)
Pavement may be cut to facilitate this installation.

PRIOR TO THE START OF WORK, THE APPLICANT IS REQUIRED TO OBTAIN A SEPERATE PERMIT FOR ANY APPROVED ROAD CLOSURES.

A SEPERATE PERMIT IS REQUIRED FOR ANY DRY UTILITY WORK IN THE RCTD ROAD RIGHT OF WAY.

- Continues on page 2 -

The following specifications and/or standards, a copy of which are attached to this permit are hereby referred to and made a part hereof as fully as if they are set out herein
COUNTY STANDARDS AND/OR SPECIFICATIONS FOR:

Type:
A copy of this permit is to be kept at the site of the work and must be shown on demand to any authorized representative of the County Transportation Director.
This permit is to be strictly construed and no work other than that specifically mentioned above authorized hereby. Performance of the work shall be deemed to be acceptance by the Permittee of all terms, conditions of this permit, and Ordinance No.499.

This permit is void unless work herein contemplated shall be completed before October 8, 2010
cc: Gillette

JUAN C. PEREZ, DIRECTOR OF TRANSPORTATION

CALL
Underground Service Alert
48 Hrs. Before You Dig
For Underground Locating
1-800-422-4133

By Claudia Merdza
Ward Maxwell, Permit Engineer

** applicant copy **

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- G01. IT IS THE REPSONSIBILITY OF THE PERMITTEE TO ENSURE THAT THIS PERMIT REMAINS CURRENT FOR THE DURATION OF THE PROJECT. WORKING WITH AN EXPIRED PERMIT WILL NECESSITATE THE IMMEDIATE TERMINATION OF ALL CONSTRUCTION WITHIN THE RIGHT OF WAY UNTIL AN EXTENSION OF TIME IS OBTAINED. FOR INFORMATION ON HOW TO APPLY FOR AN EXTENSION OF TIME TO THIS PERMIT, CALL 951.955.6790 (RIVERSIDE OFFICE) OR 760.863.8267 (Palm Desert Office)
- G02. The permittee and his or her successor(s) in-interest shall defend, indemnify and hold harmless the County of Riverside, its personnel and agents, from any accidents or injuries resulting from operations authorized by this permit.
- G03. Should it become necessary at some future time to relocate or remove this encroachment, it shall be at the expense of the permittee with no costs being incurred by the Riverside County Transportation Department or any other governmental agency.
- G04. It is the repsonsibility of the permittee to comply with all current CAL-OSHA safety requirements for work performed within County rights of way.
- G05. The permittee shall accept full responsibility for complying with Federal, State and County environmental laws and receiving any necessary environmental clearances and/or permits prior to commencing any work as authorized by this permit. If the permittee fails to comply with the required environmental laws, this permit shall be immediately revoked.
- G06. The Riverside County Transportation Department reserves the right to make changes or additions to a permit after issuance if such changes or additions are believed necessary for the protection of the roads or for the health and safety or the public.
- G07. ENCROACHMENT ON PRIVATE PROPERTY: This permit authorizes work to be accomplished within Riverside County road right of way ONLY. Whenever construction extends within private property, it shall be the responsibility of the permittee (or his contractors) to secure permission from abutting property owners. Such authorization must be secured by the permittee prior to starting work.

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G08. TRACK LAYING CONSTRUCTION EQUIPMENT: Cleated TRACK LAYING construction equipment shall not be permitted to operate on any paved surface unless fitted with smooth-faced street pads. All mechanical outriggers shall be fitted with rubber street shoes to protect the paving during excavations. Rubber-tired equipment only shall be used in backfill operations in paved areas. If the existing pavement is scarred, spalled, or broken during the term of this contract, or if the pavement is marred, Riverside County shall request that these portions of road be resurfaced over their entire width. Resurfacing shall consist of 0.1' of A.C. surfacing plus appropriate seal coat as indicated in County Ordinance 461 specifications and Standard 818. Feather overlay shall not be permitted except as approved by the Permit Engineer.

G09. CARE OF DRAINAGE STRUCTURES: Any drainage structure including corrugated metal pipe, steel culvert and concrete structures encountered during excavation which necessitate removal shall be replaced in kind. In the event it becomes necessary to remove or cut existing drainage structures, Riverside County Transportation Department shall be notified prior to commencement of this work. Drainage structures and open drains shall be kept free of debris at all times for proper drainage. Disposal of debris or other materials into drainage facilities is prohibited.

G10. RIGHT OF WAY CLEANUP: Any surplus material resulting from excavation and backfill operations shall be removed from the right of way. All paved surfaces shall be broomed clean of earth and other objectionable materials immediately after backfill and compaction. Existing gutter line and drainage ditches shall be replaced to their original standard or better. All excess material shall be removed prior to paving. Water tanker shall be used, as required, to sprinkle the job site to keep down dust conditions and shall be used immediately after backfill. See G16.

G11. DE-WATER OPERATIONS: If de-watering operations are required and pumps are forcing water on Riverside County roads, it shall be the responsibility of the permittee or his contractor to control this water and to provide off-street barricades when necessary. See G16.

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G12. UTILITY CLEARANCE: Prior to making any excavation within the County right of way as authorized by this permit, the permittee shall contact all concerned utility companies relative to the location of existing utility structures. Permits that require excavation shall be valid only after an Underground Service Alert (USA) inquiry identification number is issued. The USA ticket must be available for review at the job site. Damage to existing substructures resulting from operations conducted under this permit shall be the sole responsibility of the permittee.

G13. COORDINATE WORK: The proposed work shall be subordinate to any operation which the State of California or Riverside County may conduct in this area during the period of this permit. Work shall be coordinated with the State or County forces to preclude delay or interference with State or county projects.

G14. PROTECTION OF TRAFFIC: All excavations and work areas shall be properly signed, lighted, and barricaded as deemed necessary by the District Road Maintenance Supervisor or Transportation Department Inspector and in accordance with County Improvement Standards and Specifications, Ordinance Number 461; Section 6 "Public Safety and Convenience" (6.01 through 6.06).

G15. The Riverside County Transportation Department reserves the right to request the contractor to re-open the road to its full capacity in case of emergency occurring either on a State Highway or adjacent roads, and when traffic delays are excessive due to the contractor operations. Work can resume once the emergency is cleared and/or the traffic congestion is mitigated.

G16. NPDES: the permittee shall accept full responsibility for complying with all NPDES laws, regulations and requirements including the installation of Best Management Practices (BMP'S).

G17. Please contact the Traffic Signal Supervisor at (951) 955-6894, 48 hours prior to any excavation for location of conduits. Should any conduits or loops be damaged as a result of this installation, they should be replaced within ten days by the permittee as directed by the Transportation Department Director.

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A01. AC CUTTING: Pavement will be saw cut to a straight edge prior to removal. Method of pavement cutting shall be approved through the office of the Director of Transportation. (Under no circumstances shall excavating equipment be used to excavate prior to cutting of pavement). Excavation material shall be placed in such a position as to best facilitate the general flow of traffic. Prior to final paving operations, any damage to pavement straight edge shall be corrected.

A03. All AC overlays will be performed only between the hours of 7 a.m. and 4 p.m. on regular County working days and in the presence of a County Transportation Department inspector. Paving on days when the Transportation Department Permit Section is closed is prohibited (a schedule of days that this office is closed will be made available upon request). A 48-hour prior notice is required for scheduling inspections for paving. Should the scheduled paving operations extend beyond the 4 p.m. time limit, the permittee will be required to bear the cost of inspector overtime pay and vehicle expenses (in addition to the predetermined inspection fee) prior to receiving final release on the subject permit. All overlay paving not performed in the presence of a County Transportation Department inspector is subject to immediate removal and replacement at the discretion of the Permit Engineer.

A04. PAVEMENT REPAIR: After backfill and compaction operations have been completed, a temporary patch consisting of 2 inches of SC-800 shall be placed and maintained at the end of each working day. A permanent patch of .40' A.C. surfacing placed on a .50' Class 2 base shall be placed no later than 5 days on Armstrong Road, a permanent patch of .33' A.C. surfacing placed on a .50' Class 2 base shall be placed no later than 5 days on 33rd Street, 34th Street, and Florine Avenue after completion of temporary road repair.

A05. AC caps shall be 0.1' min. in thickness and shall be of the Performance Grade (PG) asphalt (see A27). Asphalt dike shall be PG 70-10 paving asphalt, 3/8-inch maximum, medium grading.

A10. A chip seal armor coat consisting of an application binder and screening shall be applied on all patch areas where such chip seal coats existed prior to the issuance of this permit. Chip seal coats shall be applied as specified in Section 37, State of California Standard Specifications, latest edition. Work of pavement repair shall be accomplished by a licensed contractor engaged in the business of pavement repair.

-- Continued --

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A11. FOG SEAL: A fog seal coat consisting of an application of asphaltic emulsion shall be applied over all patch areas as determined by the Riverside County Director of Transportation. Fog seal shall be applied as specified in ordinance 461 section 11.03.

A12. SEAL ARMOR COAT: A seal coat consisting of an application binder and screening shall be applied on all patch areas where such seal coats existed prior to issuance of this permit. Seal or armor coats shall be applied as specified in Ordinance 461 section 13.

A13. Should the existing concrete sidewalk, curb and gutter, cross-gutter, spandrel, driveway approach or other concrete facility be damaged or removed as a result of this installation, it shall be replaced full width to the nearest weakened plane joint or at the direction of the Riverside County Transportation Department inspector. New concrete that is vandalized or otherwise defaced prior to acceptance by the County shall be replaced to the satisfaction of the Permit Engineer. Grinding, patching or other unacceptable methods of replacement will not be permitted.

A14. Should the existing decomposed granite be disturbed on any of the above-mentioned streets or their shoulders, the permittee will be required to replace 4 inches of compacted decomposed granite or class III base over the entire width of the roadway including shoulders.

A15. Should the existing rolled berm or AC dike be disturbed as a result of this installation, the permittee shall be required to replace the berm or dike as directed by the Riverside County Transportation Department inspector. AC dikes shall be replaced in accordance with County Ordinance 461, Standard 212. AC dike shall be constructed using PG 70-10 asphalt.

A17. There shall be a minimum of 30 inches of cover over all pipes or conduits including all service lines or laterals. Any installation adjacent to a drainage culvert, ditch, box culvert, etc. shall be placed a minimum depth of 12 inches below flowline.

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A18. If the existing pavement adjacent to the trench is scarred, broken or removed during the term of this contract, the permittee shall be required to remove and replace all broken pavement in accordance with the pavement specifications of the permit, and place a 0.1 feet thick overlay the entire width of one traffic lane. If the work encroaches on more than one traffic lane, then the entire width of each lane shall receive the paving cap.

A19. The maximum length of open trench (excavation or back fill not resurfaced) allowed during construction shall be the distance of construction which can be reasonably installed in a single day. No excavation shall be made unless the construction material exists on the work site. An open trench shall be attended by contractor's personnel at all times. Where pavement has been removed, a minimum of 2 inches of temporary paving shall be placed and maintained before that area is made available to traffic. Before leaving the project and at the end of each day, all areas of pavement removal, including sidewalk, drainage courses and driveway approaches shall be backfilled, compacted, and surfaced with temporary asphalt. Upon approval of the permit engineer, appropriate areas of the trench may be protected by plate bridging or protective fencing. PLATE BRIDGING IN THE TRAVELED WAY SHALL BE AS SHOWN ON THE ATTACHED DRAWING.

A27. Performance Grade Asphalt (PG) selection is based on pavement climate regions and as per County Ordinance 461 specifications, section 11:

Inland Valley:	PG 64-10
South Mountain:	PG 64-16
Desert Areas:	PG 70-10 (also used for AC dikes)
Asphalt Rubber Hot Mix (ARHM)	PG 64-16 (all regions)

A2A. Final paving course will contain 1/2-inch maximum aggregate and shall be of the Performance Grade (PG) asphalt concrete see (A27) AC paving and placement will conform to applicable sections of the State of California Standards Specifications, latest edition and Ordinance 461 Specifications Section 11. For trench patches completed, a final paving course will be placed 0.1 feet in thickness as indicated on the attached drawing. Changes to overlay widths and other requirements may become necessary due to discrepancies between plans and existing field conditions, proposed excavation encroaching upon additional road lanes, unanticipated damage to a road caused by contractor and other similar considerations. Any and all such additional paving requirements deemed necessary by the County will be performed at the full expense of the permittee.

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A2B. In situations where the full roadway will be removed by the permittee, full reconstruction of the structural section will be required. The aggregate base will be Class II aggregate base, of appropriate thickness, 0.50' as the minimum. When the asphalt concrete section is 0.30' or thicker the paving will be as follows, leveling course 3/4 inch maximum, medium PG asphalt, over 3/4 inch maximum medium PG AC finish course.

C01. ROAD CLOSURES: No street shall be closed without expressed approval by the Permit Engineer. A minimum of one lane of traffic shall be maintained at all times to provide limited access for the adjoining property owners and emergency vehicles. In the event it is felt by the permittee that there is no alternative to closing a street in order to perform the work, a request by letter complete with detour plans and proposed closure dates must be submitted to the permit engineer, at least four (4) weeks in advance of the proposed road closure. Road closures, if approved, require a separate permit (no exceptions). Road closure requirements and procedures are available at the Riverside County Transportation Department permit section offices.

C02. ROAD CLOSURE DETOURS: All detour plans for approved road closures must be approved by the Transportation Department prior to start of construction. Detour signs shall be placed and maintained for the duration of the project.

C04. All businesses and property owners affected by the work performed under this permit shall be notified at least 24 hours prior to start of construction. Access to businesses shall be maintained at all times.

C05. A traffic control plan is required for this project. The removal of any existing striping shall be the responsibility of the permittee. Traffic signing and striping shall be done by County forces with all incurred costs borne by the permittee, unless otherwise approved by the County Traffic Engineer.

C08. All street crossings shall be cut in half-street sections to facilitate the flow of traffic. Under no circumstances shall work be performed on these crossings on Saturdays, Sundays, or holidays.

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C13. ALL WORK AS AUTHORIZED BY THIS PERMIT WITHIN THE PAVED SECTION SHALL BE PERFORMED BETWEEN THE HOURS OF 7 AM AND 4 PM UNLESS OTHERWISE DIRECTED BY THE RIVERSIDE COUNTY DIRECTOR OF TRANSPORTATION.

C15. It is the responsibility of the permittee to provide for the restoration of any traffic signing and striping or pavement markings that is disturbed as a result of this installation. Traffic signing and striping shall be done by County forces with all incurred costs borne by the permittee, unless otherwise approved by the County Traffic Engineer.

C16. SIGHT CLEARANCE: Sight clearance of 600 feet in either direction shall be assured and maintained.

L01. BACKFILL MATERIAL: Backfill shall be free of brush, roots or other organic substance detrimental to its use for purposes of producing an adequately consolidated backfill. Any material which the County deems unsuitable (spongy or saturated material) which is encountered during excavation shall not be used for backfill, but shall be supplemented or replaced by an approved sand or gravel.

L02. BACKFILL MATERIAL: Backfill shall be approved imported select material or equivalent and shall be placed in lifts of not greater than eight inches (8") and vibrated using vibrotamper or equivalent equipment. Alternate methods may be substituted, but in any case a relative compaction of 95 percent shall be attained within the structural section of the roadway.

L03. COMPACTION TESTS: If so required by the inspector, compaction tests shall be made at intervals of not more than 200 feet and a minimum of one (1) test on each road. One (1) copy of each test shall be forwarded to the Riverside County Director of Transportation for approval and filed prior to making permanent repairs. Compaction tests shall be made as outlined in Section 6.3.01 of State of California Standard Specifications, latest edition, County Ordinance 461 specifications (section 8.02) and Standard 818.

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L04. COMPACTION TESTS: If so required by the inspector, compaction tests shall be made for each crossing or service line. One copy of each test shall be forwarded to the Riverside County Director of Transportation for approval and filed prior to making permanent repairs. Compaction tests shall be made as outlined in Section 6.3.01 of State of California Standard Specifications, latest edition, County Ordinance 461 specifications (section 8.02) and Standard 818.

M05. The permittee shall provide and maintain enclosed toilets for the use of employees at all times while work is in progress.

M08. It is the responsibility of the permittee to replace all fire hydrant location pavement markers damaged during the construction of facilities specified in this encroachment permit. Permittee must contact the Riverside County Fire Department, at (951) 955-4777 for coordination prior to replacement of such markers.

S01. All street centerline and other survey monuments likely to be disturbed by construction of this project shall be perpetuated in conformance with 8771 of the Business and Professions Code (Prof.Land Surveyor's Act). A completed Corner Record showing at least 4 ties to each point shall be prepared by a licensed land surveyor or registered civil engineer (prior to 1982) and submitted to the County Surveyor prior to any construction. After construction, a subsequent corner record shall be filed with the County Surveyor for the replacement of any monument that has been destroyed, damaged, covered, obscured, or otherwise obliterated by the construction as stated by the Board of Registration for Professional Engineers and Land Surveyor's letter dated Feb. 28, 1997. All monuments shall be flush with the surface of the pavement and in conformance with Riverside County Ordinance 461, section 21. Corner Records for replacement monuments must be submitted prior to any proper project clearance.

S02. The permittee shall notify the Riverside County Surveyor's office (951.955.6700 for Riverside office or 760.863.8267 for Indio office) at least two weeks in advance of the starting of construction, so that any precise benchmarks located within this project may be moved prior to construction.

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U03. All manholes located within the traveled portion of County-owned streets shall be equipped with a minimum of 18 inches of adjustable grade rings and anti-rocking noiseless-type manhole covers.

U04. Manholes shall remain below the grading plane until final paving has been completed and then set flush with the surface, except in areas that require snow removal in which case the manhole frame shall be set 1/2-inch to 3/4-inch below pavement surface. In graded earth shoulders, traveled ways, or earth flow-line areas, 4 inches of asphalt concrete over compacted native material shall be placed to the edge of pavement (if existing) as shown on attached drawing.

U06. No utility surface structures, access openings to sub-structures, or any other facility will be allowed in any part of proposed or existing sidewalks. All such facilities, if already existing within a sidewalk, will be removed prior to acceptance of work. If such facilities exist within the area of a proposed sidewalk, they will be removed prior to pouring of concrete. All relocations will be performed at no cost to the County and at the direction of the Riverside County Transportation Department inspector.

Attachment "B"
Horn & Strobe Circuit

3272 N. "E" ST., SUITE E, SAN BERNARDINO, CA 92405
(909) 881-4200 Fax No. (909) 881-4223

DATE: 7/6/10

OWNER: JURUPA COMMUNITY SERVICE DISTRICT
PROJECT: FLORINE LIFT STATION
SUBJECT: ELECTRICAL LIFT STATION CONTROL REVISION

LIFT STATION LEVEL CONTROL SECTION CIRCUIT REVISION

