

DEPARTMENT OF TRANSPORTATION
DES-OE MS #43
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Note: Addenda information is NOT included with the electronic documents available via electronic file transfer. Only bidder or non-bidder package holders listed with the Caltrans Plans and Bid Documents section as described above will receive addenda information.

October 18, 2002

04-SF-101-R8.0/7.5
04-291404
ER-1525(004)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in THE CITY AND COUNTY OF SAN FRANCISCO FROM SOUTH VAN NESS AVENUE TO FELL STREET ON THE CENTRAL FREEWAY.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on November 6, 2002.

This addendum is being issued to revise the Notice to Contractors and Special Provisions and the Federal Minimum Wages with Modification Number 19 dated 10-4-02. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

In the Special Provisions, Section 10-1.03, "PHOTO SURVEY OF EXISTING FACILITIES," is replaced as attached.

In the Special Provisions, Section 10-1.04, "VIBRATION MONITORING," is replaced as attached.

In the Special Provisions, Section 10-1.15, "MAINTAINING TRAFFIC," subsection "A. TRAFFIC LANE AND PARKING REQUIREMENTS," is revised as attached.

To Proposal and Contract book holders:

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

Addendum No. 2
October 18, 2002

04-SF-101-R8.0/7.5
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This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

10-1.03 PHOTO SURVEY OF EXISTING FACILITIES

This work shall consist of preparing a photo survey and crack monitoring of existing facilities, buildings, sub sidewalk basements, and other improvements which could be damaged by the Contractor's operations. The Contractor shall prepare the photo survey prior to and after performing Demolition activities and as directed by the Engineer. The crack monitoring shall be on existing cracks and shall be completed with the first photo survey and periodically throughout Demolition activities. The contractor shall obtain consent from property owners prior to performing any photo survey or crack monitoring. Refusal of a property owner to allow photo survey or crack monitoring shall be duly documented by the contractor.

The photo survey shall consist of photographic and video recordings of the conditions of the facilities (internal and external cracks in structures, settlement, leakage and the like) and shall document the condition of the foundations, walls, ceiling, roof, improvements and other building elements on the interiors and exteriors of specified facilities.

The pre-construction photo survey shall be conducted at least 10 days prior to Demolition activities. The post-construction photo survey shall be performed on the same facilities within 5 working days after completion of Demolition activities.

The photo survey and crack monitoring shall be conducted at facilities shown in the table entitled "Vibration Monitoring and Photo Survey" in "Vibration Monitoring," elsewhere in these special provisions or as directed by the Engineer. Photo survey of any listed facility shall be completed within 26m of that particular building or structure.

Crack monitoring shall be with a calibrated crack monitoring device approved by the Engineer.

The Contractor shall submit to the Engineer for approval a complete description of the work to be completed for each surveyed location. The work to be completed shall consist of records of observations, videotapes, and photographs.

The Contractor shall notify the Engineer 48 hours prior to beginning the photo and crack monitoring work.

Each photograph is to be color and have a printed image size of at least 12.7 cm x 17.8 cm. All prints shall be on glossy photographic paper. Proof sheets, thumbnail prints, contract prints, or digital photos are not acceptable. All negatives shall be provided in protective sleeves. The negatives shall be index to facilitate expeditious reproduction. All photographs shall be identified by date, location, orientation, and labeled with a detailed description. All photographs shall be submitted in a 3-ring binder and shall include the following: protective photo sleeves, building layout, and summary sheet indexing all photographs.

The photo survey shall also include video tape recordings of the foundation, floor, walls, ceiling, roof, improvements, and all building elements inside and outside specified facilities. The video tapes shall show the condition of the facility, including but not limited to any and all deficiencies in the facility such as cracks, settlement, leakage, and the like. The video tape recordings shall be narrated contemporaneously by the camera operator, documenting the location, orientation, time and date of the scene. The videotapes shall be premium grade VHS color tapes and shall be recorded in the Standard Play (SP) mode. All video tape recordings shall be made to the highest quality standards. No more than one facility shall be recorded on a single videotape. The Contractor shall submit the original, unedited video recording to the Engineer.

A written report of the record of observations shall be submitted with the video tape. The written report shall include the time, date, and location of the video tape recording. The report shall also include a table listing any anomalies along with a videocassette counter for each anomaly recorded on the videotape.

The photographs, videotapes, and reports of all observations shall be prepared in triplicate by the Contractor and every document shall be signed by the authorized representatives of the State and of the Contractor. Videotapes and photographs, as deemed advisable by the Engineer will be made by the Contractor and signed in the manner specified above. One signed copy of every document and photograph will be kept on file by the Engineer.

The pre-construction survey records and documentation specified above shall be submitted to the Engineer prior to commencement of Demolition activities. The Engineer shall have 5 working days to review the submittal for adequacy. No work shall take place unless the Engineer approves the pre-construction survey records.

The post-construction survey documents shall be submitted with 10 working days after Demolition activities are completed.

The above-referenced records, videotapes, and photographs are intended for use as indisputable evidence in ascertaining the extent of any damage which may occur as a result of the Contractor's operations. The above-referenced records, videotapes, and photographs are for the protection of the adjacent property owners, the Contractor, and the State. These records will be used to determine any damage from the Contractor's operations during the work.

Attention is directed to Section 7-1.12, "Responsibility for Damage" of the Standard Specifications. The Contractor shall immediately inform the Engineer in writing of any damage to these and other facilities.

The contract lump sum price paid for Photo Survey of Existing Facilities shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in photo survey and crack monitoring, as specified in these special provisions, and as directed by the Engineer.

The Engineer may order photo surveys, and crack monitoring of existing facilities other than those facilities listed under, "Vibration Monitoring and Photo Survey." Photo surveys and crack monitoring of existing facilities other than those facilities listed under "Vibration Monitoring and Photo Survey" will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

10-1.04 VIBRATION MONITORING

This work shall consist of vibration monitoring as a means of protecting the following properties from excess vibration from the demolition of the adjacent structures. The contractor shall obtain consent from property owners prior to performing any vibration monitoring. Refusal of a property owner to allow vibration monitoring shall be duly documented by the contractor.

VIBRATION MONITORING AND PHOTO SURVEY

Address/Description

331 Octavia St.
301 Oak St.
303 Oak St.
275, 277 Oak St.
178, 180 Lily St.
200, 200a, 202 Octavia St.
221, 223 Octavia St.
176, 178 Page St.
170 Page St.
150 Page St.
201 Octavia St./ 210 Page St.
157, 159, 161, 163, 165, 167 Octavia St.
160 Rose St.
161, 165 Page St.
66, 68 Haight St.
60 Haight St.
67 & 71 Haight St.
61, 63, 65 Haight St.
51, 53, 55, 57 Haight St.
69 Waller St.
1772 Market St.
1755 Market St.
155 McCoppin St.
1795 Market St.
12 Elgin Park
25 Elgin Park
31 Elgin Park
33 Elgin Park
47, 49 Elgin Park
51 Elgin Park
100 Valencia St. (U-Haul Truck and Equipment Rental)
150 Valencia St.
170 Valencia St.
Building under Construction between 177 Valencia St. & McCoppin St.
177 Valencia St.
84 Duboce Ave.
80 Duboce Ave.
1354 Stevensen St.
1367, 1369 Stevensen St.
1363, 1365 Stevensen St.
190 Otis St.

1695 Mission St. (Discount Builder's Supply)
1710 Mission St
1700 Mission St.
1727 Mission St. (City Center Building)
15 Duboce Ave.
25 Duboce Ave.
31 Duboce Ave.
47 Duboce Ave.
170 South Van Ness Ave.
San Francisco Municipal Railway tunnel under Market St.
Bay Area Rapid Transit tunnels under Otis St.
205 13th Street

At the above listed locations, vibration monitoring and recording shall be performed during the course of all demolition activity, or other significant impact work, when that activity occurs within 26 meter of the said facilities. The 26 meter shall be measured from the edge of the construction activity. Vibration monitoring equipment shall be furnished and installed by the Contractor and shall be capable of continuous operation with instant monitoring results. The Contractor shall have the equipment in place and functioning properly prior to any work within 26 meter as defined above. No work occurring within this zone shall occur unless monitoring equipment is functioning properly. The equipment shall be set up in a manner such that an immediate warning is given when particle velocity equal to or exceeding 5 millimeter per second is produced. Monitoring equipment shall be stationed within 0.9 meter of the exterior of designated buildings on the side facing the Contractor's work site. For buildings whose frontage exceeds 60 meter, at least 2 monitors shall be utilized at that location. When any reading on monitoring equipment equals or exceeds 5 millimeter per second, work shall immediately cease and the Contractor shall take whatever action is necessary to reduce and maintain the monitoring equipment reading below a particle velocity of 5 millimeter per second.

Compliance with this section does not relieve the Contractor of full responsibility for damage caused by Contractor's operations as per Section 7-1.12 "Responsibility for Damage," of the Standard Specifications.

A written report detailing the monitoring results shall be submitted once or twice each week as determined by the Engineer.

The contract lump sum price paid for vibration monitoring shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involving vibration monitoring, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Additional areas to receive vibration monitoring will be paid for as extra work as provided in Section 4-1.03D "Extra Work," of the Standard Specifications.

A. TRAFFIC LANE AND PARKING REQUIREMENTS

The Contractor shall provide the lanes listed in the following table to satisfactorily accommodate vehicular traffic. "Full Rdwy" indicates that all traffic lanes shall remain open. Vehicular/ pedestrian access to properties along the project site shall be maintained at all times.

NUMBER OF LANES AND WIDTH THEREOF OF LANES THAT ARE TO REMAIN OPEN

Street	Time	North-bound	South bound	East-bound	West-bound
Fell St (Octavia to Buchanan)	7 AM – 9 AM (M-F) 4 PM ---6 PM (M-F) All Other Times				Full Rdwy Full Rdwy 2 @ 3.0m
Fell St (Octavia to Gough)	7 AM – 9 AM (M-F) 4 PM ---6 PM (M-F) All Other Times			Full Rdwy Full Rdwy 1 @ 3.4m	Full Rdwy Full Rdwy 1 @ 3.6m
Laguna St (Fell to Oak)	7 AM – 9 AM (M-F) 4 PM ---6 PM (M-F) All Other Times		Full Rdwy Full Rdwy 1 @ 3.6m		
Oak St (Laguna to Octavia)	7 AM – 9 AM (M-F) 4 PM ---6 PM (M-F) All Other Times			Full Rdwy Full Rdwy 2 @ 3.0m	
Octavia St	At All Times	1 at 3.4m	1 at 3.4m		
Lily St, Rose St	7 AM – 6 PM (M-S) AA Other Times			Rd Closed* Full Rdwy	Rd Closed* Full Rdwy
Page St	At All Times			1 @ 3.4m	1 @ 3.4m
Haight St (Gough to Octavia)	4 PM – 6 PM (M-F) All Other Times				2 @ 3.0m 1 @ 3.6m
Haight St (Buchanan to Octavia)	At All Times			1 @ 3.4m	1 @ 3.4m
Waller St	At All Times			1 @ 3.4m	1 @ 3.4m
Market St	7 AM -10 AM (M-F) 3 PM – 6 PM (M-F) 9 AM – 6 PM (S-S) All Other Times			Full Rdwy Full Rdwy Full Rdwy 1 @ 4.3m	Full Rdwy Full Rdwy Full Rdwy 1 @ 4.3m
Elgin Park Stevenson St	7 AM – 6 PM (M-S) All Other Times	Rd Closed* Full Rdwy	Rd Closed* Full Rdwy		
Valencia St.	7 AM- 9 AM (M-F) 4 PM – 6 PM (M-F) All Other Times	Full Rdwy Full Rdwy 1@ 4.3m***	Full Rdwy Full Rdwy 1@ 4.3m***		

McCoppin St.	7 AM - 9 AM (M-F) 4 PM – 6 PM (M-F) All Other Times		Full Rdwy Full Rdwy 1 @ 3.4m	Full Rdwy Full Rdwy 2 @ 3.0m
Woodward St	7 AM – 6 PM (M-F) All Other Times	Rd Closed* Full Rdwy		
Duboce Ave (Valencia to Mission).	7 AM – 9 AM (M-F) 4 PM – 6 PM (M-F) All Other Times		Full Rdwy Full Rdwy 2 @ 3.0m	Full Rdwy Full Rdwy 2 @ 3.0m
Division St/13 th St	7 AM – 9 AM (M-F) 4 PM – 6 PM (M-F) All Other Times		Full Rdwy Full Rdwy 2 @ 3.0m	Full Rdwy Full Rdwy 2 @ 3.0m
Mission St/Otis St (at Duboce)	7 AM – 10 AM (M-F) 3 PM – 6 PM (M-F) All Other Times	Full Rdwy Full Rdwy 2 @ 3.0m	Full Rdwy Full Rdwy 1 @ 3.6m	
So. Van Ness Av (at 13 th St and at 14 th)	7 AM – 10 AM (M-F) 3 PM – 6 PM (M-F) All Other Times	Full Rdwy Full Rdwy 1 @ 3.6m	Full Rdwy Full Rdwy 1 @ 3.6m	
14 th St	7 AM – 9 AM (M-F) 4 PM – 6 PM (M-F) All Other Times		Full Rdwy Full Rdwy 1 @ 4.3m	
Otis St.	All times		2 at 3.0m	

* Street may be closed during times of actual work in the street. “Road Closed” signs shall be removed or covered during non-working hours. The Contractor shall set up detour signs according to the approved traffic detour plans as deemed necessary. The Contractor shall comply with Note # 3 below. Provide local access at all times.

** The Contractor shall designate the lane for two-way traffic with flag person at each end of the two-way road segment.

*** Contractor is allowed to close the two-way left turn lane on Valencia Street during these hours.

NOTES:

- 1) Streets can be completely closed during active demolition of structure. Mission St., Valencia St. and Market St. can only be closed on weekends. Oak St. can be closed one weekend only, and can remain closed until the following Tuesday if it is necessary to complete work.
- 2) In addition to the above specified lanes for through traffic, the Contractor shall provide an additional left/right turn lane of 3.4 meter width at the intersection, when there is already an existing separate right/left turn lane.
- 3) The Contractor shall maintain the required travelway for vehicles in any public street or way and a minimum width of 1.8 meter of clear sidewalk for the pedestrians, at all times. The Contractor may be allowed to store materials and/or equipment for a limited time in the parking strip and/or portion of the sidewalk with written permission of the Engineer and appropriate permits from the Department of Parking and Traffic for use of the public right of way. The Contractor shall maintain adequate signing, barricades, lights etc. at all times. Permission to store the materials shall be limited to the unused materials during working hours or materials needed to resume the next day's work.

- 4) No work shall interfere with the access of emergency vehicles including those of Police and Fire Departments and ambulances. Local access shall be maintained at all times, by providing a 3.6 meter wide lane on all streets.
- 5) The Contractor shall notify the Engineer at least 10 days prior to each local street closure.
- 6) Advance information signs (with dates and time of closure) informing public traffic of future road closures shall be installed in locations to be determined by the Engineer, a minimum of 72 hours in advance of the intended closure.