

CITY COUNCIL MEETING
JUNE 4, 1986

23

CALIFORNIA STREET
IMPROVEMENTS-LOCKEFORD
TO TURNER, UNSTABLE
SUBGRADE CHANGE
ORDER

CC-45(a)

Council was apprised that the California Street reconstruction project (total length 2700 ft.) has experienced significant problems with wet, unstable subgrade. In three areas with a combined length of 1000 feet, the ground was too unstable to work. After a number of discussions with the contractor, and performing two "test" sections, it was decided to excavate the street 12" to 18", place a soil stabilization fabric and new base rock - 36" depth was necessary in some areas. This technique has been very successful and paving should begin late this week.

The use of fabric is very cost-effective - it saves at least 6" to 12" of excavation while the "break-even" depth on fabric is less than 2". In addition, the shallow depth of many utilities made deeper excavation difficult to impossible. The total amount of the change order to correct this unstable subgrade was \$64,195.00. Net change by previous change orders amounted to \$12,425.00 thereby bringing the total dollar cost of change orders for this project to \$76,620.00.

Following discussion, on motion of Council Member Pinkerton, Reid second, Council approved Change Order No. 2 for the California Street Improvements - Lockeford to Turner (Unstable Subgrade Change Order), and authorized proceeding with the subject project with the inclusion of the subject Change Order.

MEMORANDUM, City of Lodi, Public Works Department

TO: City Council
FROM: Public Works Director
DATE: June 2, 1986
SUBJECT: California Street Improvements - Lockeford to Turner
Unstable Subgrade Change Order (Change Order No. 2)

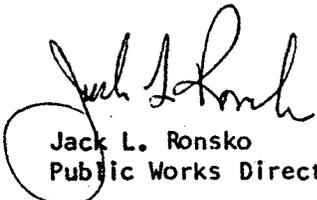
The California Street reconstruction project (total length 2700 ft.) has experienced significant problems with wet, unstable subgrade. In three areas with a combined length of 1000 ft., the ground was too unstable to work. After a number of discussions with the contractor, and performing two "test" sections, it was decided to excavate the street 12" to 18", place a soil stabilization fabric and new base rock - 36" depth was necessary in some areas. This technique has been successful and paving should begin late this week.

The use of fabric is very cost-effective - it saves at least 6" to 12" of excavation while the "break-even" depth on fabric is less than 2". In addition, the shallow depth of many utilities made deeper excavation difficult to impossible.

A copy of the change order is attached. A breakdown of contract change orders and contract amount is as follows:

Total cost of this change order	\$ 64,195.00*
Net change by previous change orders	<u>12,425.00</u>
Total of authorized change orders	\$ 76,620.00
Original contract amount	\$364,469.20
New contract amount including all change orders	\$441,089.20
% change from original contract amount	21.0%

*To be funded from 124 Fund.


Jack L. Ronsko
Public Works Director

Attachment

JLR/RCP/eeh

Date: 5/29/86

PROJECT: CALIFORNIA STREET RECONSTRUCTION
Lockeford St. to Turner Rd.
CONTRACTOR: Claude C. Wood Co.

You are hereby directed to make the herein described changes from the Plans and Specifications or do the following described work not included in the Plans and Specifications on this contract.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work at contract price, agreed price and force account. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

Correct unstable subgrade:

<u>Estimated quantity</u>	<u>Item</u>	<u>Unit Price</u>	<u>Total Price</u>
2200 CY	Excavation	\$ 5.50	\$ 12,100.00
3900 SY	Stabilization Fabric	1.05	4,095.00
4000 T	Imported base material	12.00	48,000.00

* except with changed quantities

Total Cost of Change Order NOT TO EXCEED * \$ 64,195.00
Contract Price, including this change order, will be \$ 441,089.20

By reason of this order the time of completion will be adjusted as follows:
add two weeks

Submitted by: Richard A. Young Date: 5/30/86
Approval Recommended: [Signature] Date: 5/30/86
Approved: [Signature] Date: 5/30/86
Approved, City Manager: Mr. A. Stinson Date: 6/2/86

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

ACCEPTED: Date: 5/30/86 Contractor: Claude C. Wood Co.
By: Don Fontana Title: Assist Sec.

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the Specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.