SECTION 104.00 - SCOPE OF WORK

Scope of Work

104.01 Contract Administration. All construction contracts are required to be administered per the CA Manual.

104.02 Contract Revisions. The Engineer has the right to make changes in the work, eliminate work or add extra work within the general scope of the contract. The Contractor is contractually required to perform change order work. Contract revisions are issued using a change order (ITD-0400). Once the change order has been executed by the Department, the document modifies and becomes part of the contract, and carries the same legal force as the original contract.

Advance approval of contract revisions shall be given by the delegated approval authority. Use the <a href="https://example.com/true-required-name="https://example.co

<u>Table 104.02.1</u> below presents the contract revision approval authority for both the ITD-2317 and ITD-0400 forms for all ITD projects. Some changes (as noted on Table 104.02.1) also require prior approval by FHWA on Federal-aid projects.

Table 104.02.1: Change Order Approval Authority

(Promulgated November 2019, Manual Table Updated May 2023)

Change Type	Approval Authority	FHWA Prior Approval Federal-aid Project of Interest Contracts	FHWA Prior Approval All Federal-aid Contracts
Changes in the horizontal geometry of a roadway section (including revisions involving addition, deletion, relocation, or structural design of major structures, alignment, or typical section on main roads, ramps, and frontage roads or cross roads.	District Engineer	Yes	No
Revisions in conflict with approved standards, including new technologies for which no standards have been approved.	District Engineer	Yes	No
Changes in approved access provisions (Interstate and NHS routes).	District Engineer	Yes	Yes for Interstates No for NHS
Change in specifications.	District Engineer	Yes	No
Work allowed to remain in place with or without price adjustment.	District Engineer	Yes	No
Dispute Resolutions: <= \$25,000	Project Manager	See latest approved PODI	No
<= \$100,000	Resident Engineer	Spreadsheet	
<=\$1,000,000	District Engineer	for change orders	
>\$1,000,000	Chief Engineer		

Change Type	Approval Authority	FHWA Prior Approval Federal-aid Project of Interest Contracts	FHWA Prior Approval All Federal-aid Contracts
Changes, which would result in elimination of, or delay to, environmental mitigation measures or commitments on Federal-Aid and State-funded projects covered under a FHWA-approved environmental document.	District Engineer	Yes	Yes
Changes or extra work resulting in an increase or decrease in costs : <= \$25,000	Project Manager		
<= \$100,000	Resident Engineer	See latest approved PODI	
<=\$1,000,000	District Engineer	Spreadsheet for change orders	No
>\$1,000,000	Chief Engineer		
Changes in contract plans beyond the general scope and intent of the original contract, including revisions to project limits (Consult with Environmental Section if revising project limits and if changed must have an FHWA approved ITD 2101 in place before the work begins).	District Engineer	Yes	Yes
Contract Time Extensions			
< 5 Days	Project Manager	See latest approved PODI	No
6-10 Days	Resident Engineer	Spreadsheet for change orders	140
> 10 Days	District Engineer		

Change Type	Approval Authority	FHWA Prior Approval Federal-aid Project of Interest Contracts	FHWA Prior Approval All Federal-aid Contracts
Utility and Railroad Change Orders	District Engineer	No	No
Engineering Errors (only used for errors that are determined to fall outside normal standard of professional care) – These costs are non-participating on Federal-aid contracts.	District Engineer	No	No
Contract specifications modification or deletion.	District Engineer	Yes	No
Contract specification additions.	District Engineer	Yes	No

When the Contractor proposes a change to the contract, the Contractor shall complete and submit the ITD-2884 Request for Change (RFC), to justify the change along with any other information requested by the Engineer.

Contractor-requested changes should be evaluated for merit based on whether it is a benefit to the Department, the traveling public, and the taxpayers.

The Contractor is required to supply specific information to the Engineer regardless of whether the change is initiated by either the Engineer or the Contractor. Refer to ITD Standard Specifications For Highway Construction (SSHC) 104.02 for requirements. Requests by the Engineer to the Contractor should be made in writing and include a specified time for when the information is to be returned.

The Engineer will determine and document contract revision time and cost impacts per ITD <u>SSHC 108.07</u> and <u>109.03</u>, respectively.

The Contractor cannot be held responsible for any delays in work or additional costs if a specified time for when the information is to be submitted has not been included in the request letter.

Submit a separate change order for each individual change or operation and include all items of work, adjustment, changes in plans or specifications, etc. to entirely cover the new work. If the new work includes contract items at contract prices, include this information in the change order. Do not include other work items or changes that are unrelated.

Example: a change in specifications on crushed aggregate is warranted and a price adjustment is needed on this item. At the same time, an unplanned pipe must be installed at a particular location and there is no contract bid price for the pipe. Both conditions require a Change Order; however, they are entirely unrelated, so each must be submitted as a separate change order.

104.02.01 Issuing an Avoid Verbal Order (AVO) for a Change Order. If the change order has not yet been fully executed but has been approved, the Engineer may issue an order for the Contractor to proceed with the revised work using Form ITD-2055, Avoid Verbal Order (AVO). The order must be complete, correct, clear and concise for the work to be performed, along with the method of measurement and basis of payment. The AVO may be hand written, provided it is legible.

Prepare an AVO as follows:

- The message may be prepared and signed by the Engineer's representative. The Contractor's representative receiving the message must also sign the AVO.
- The yellow copy remains with the Contractor's representative; the Engineer retains the white and pink copies. Send a copy of the original white copy to the Contractor's home office to ensure their management is aware of this communication.

It is important that the Contractor officially acknowledge receipt of an AVO by requiring a signature and date from the Contractor's representative with a "hard copy" transmitted to his main office for

documentation purposes. Claims investigations have revealed, in too many instances, that no record is available confirming the Contractor received an AVO.

The Contractor must sign and date the AVO.

An AVO example is at the end of this section (Example 104.02-1).

104.02.02 Preparing the ITD-2317 Record of Change Order Authorization. The <u>ITD-2317</u> must include the following:

- The reason for the change order. Provide enough detail so a third party who is unfamiliar with the project can understand why the change order is needed.
- General description of the work to be performed (i.e. scope of work).
- Estimated Cost (final pricing from the Contractor is not required).
- Estimated time impacts (final schedule analyses are not required).

Changes involving project environmental documents require approval from those having authority for the environmental document. Similarly, changes that might affect the operations of Ports of Entry (POE) should be made only after consultation and concurrence with the POE Manager.

The individuals being consulted (including FHWA on FHWA Projects of Interest or local agencies on local agency projects) and approval dates must be completed on the ITD-2317 to advise management that appropriate specialists have been brought into the decision-making process for the change. Include all elements of the proposed change in the discussion with the specialists including cost and time. A proposed change may have technical merits, but the high cost impacts may negate any potential benefits.

Advance approval of contract revisions must be given by the delegated approval authority. The approval authority and the date of said approval should be shown in the "discussed with _____" column. Written documentation (e.g. signature on the ITD-2317) should be obtained from the individual indicating approval.

Record of Change Order Authorization (ITD 2317) examples are at the end of this section (Example 104.02-2 through 104.02-7).

104.02.03 Preparing the ITD-0400. Because a change order modifies or supplements the contract, write in a manner so that interpretation of the work is not misunderstood.

If any aspect of the proposed contract revision changes after the 2317 is approved, but before the 0400 is finalized, the 2317 should be revised to reflect the changes, so there is a clear record that the approval authority(s) and subject matter experts are still in concurrence with the proposed changes.

The <u>ITD-0400</u> authorization date will normally be the date on which the Contractor was ordered to do the work. This is not the date from the <u>ITD-2317</u> "Date Authorized by the Approval Authority". It is the date the actual order was given (either written or verbal) to the Contractor.

The Change Order should list as applicable:

- Description of the Work
- Material Requirements, including material acceptance requirements if applicable
- Construction Requirements
- Method of Measurement
- Basis of Payment (including a pricing table)
- Contract Time Adjustment.

Every change order must address cost and time even if it is a no cost change order or time has not been affected. Include a statement as to how agreed prices and lump sum item costs were justified, with back up (i.e. Contractor's detailed cost estimate, ITD's independent cost estimate, and written documentation of negotiations) in the change order file. The independent cost estimate could be based on average bid prices, prices from similar projects or a force account (i.e. materials, equipment and labor) analysis. Use force account procedures when an agreed price cannot be arrived at through normal negotiation or when work quantities are difficult to estimate. Address the time in the change order narrative. In the space for adjustment in contract time (located in the lower left hand corner) complete the time adjustment as applicable.

The space for adjustment in contract time must be filled in. The space provides for "time adjustments," not "time extensions". Documentation from the project schedule, including updates, is required for justifying a time adjustment. Contract time can be decreased or increased as the change warrants **only** if the critical path is impacted. Written documentation of time impact negotiations should be placed in the change order file.

Consider and resolve time adjustments when the change order is initiated. If the change cannot be accomplished concurrently with the controlling operations, or affects the critical path, then a time adjustment should be made.

Changing the materials specifications (i.e. price adjustment) is an acceptable practice **only** under certain limited circumstances such as materials placed in non-critical areas and materials that don't meet specs, but will still perform as intended based on an engineering and risk analyses.

In the event that a change in the general scope of work per <u>Table 104.02.1</u> is contemplated, the following must be accomplished:

- Identify the proposed work is truly needed
- Perform a re-evaluation of the environmental document if required
- Verify the ROW is adequate for the proposed change(s)

- Update the Erosion Control Plan or the SWPPP if required
- Check other Project Permit requirements (404, 401, Etc.)

When contract revisions will be performed after substantial completion or with interim completion dates, employ and document a method of time accounting to control the duration of the work. Specify in the change order the time allocation and liquidated damages that are associated with the change order work.

Number change orders consecutively, beginning with number 01 for each contract. If work involved in a previous change must be amended, complete a new change order and assign a new number.

Attachments may be necessary to supplement a change order. These documents must be legible prints showing all data necessary to properly describe the work. Attach the documents to each change order copy. A Professional Engineer licensed in the State of Idaho must stamp and endorse drawings that require Engineer certification.

104.02.04 Formatting the ITD-0400. Capitalize, underline, and begin <u>main headings</u> at the left margin. When more than one heading is necessary, use all that apply. Use one or more of the <u>main headings</u>:

- CHANGE IN PLANS
- CHANGE IN SPECIFICATION
- ADDED SPECIFICATION
- DELETED SPECIFICATION
- CHANGE IN PLANS AND SPECIFICATIONS
- MATERIALS LEFT ON HAND
- QUANTITY VARIANCE
- ACCEPTANCE PER 105.03
- RESOLUTION OF A DISPUTE
- CONSULTANT ERROR AND OMMISSION
- VALUE ENGINEERING CHANGE PROPOSAL
- CHANGE IN SCOPE
- OTHER.

104.02.05 Naming <u>ITD-0400</u> Contract Pay Items (WinCAPs only). Change order items are tracked by item number(s). The item number(s) or name(s) given to Change Order item(s) must be kept uniform from project to project.

Change order items that are not already provided for in the contract shall use the following numbering method. The number consists of:

- An alpha designator for the type of work.
 - C CHANGE ORDER (the majority of change orders will use this designation)
 - F FORCE ACCOUNT (used when ITD <u>SSHC 109.03.C.5</u> is applicable)
 - M MATERIALS ON HAND (used when ITD <u>SSHC 109.06</u> is applicable)
 - ML MATERIALS LEFT ON HAND (used when ITD SSHC 109.07 is applicable)
 - U UTILITY (used only for ITD-0403 change orders).
 - N For federal-aid contracts, an "N" alpha designator must be included preceding the alpha designators whenever the item has been **conclusively determined on a case-by-case basis** that it is a non-participating (i.e. Federal-aid dollars will not be used) cost. For example, materials left on hand costs are always non-participating on federal aid contracts.
- A number for the Change Order after the alpha designator. Always use at least two digits (e.g. 01, 09, 13, 27)
- The item number had the revised work been included in the original contract, a contract item designator. The entire coding or naming of the change order item cannot exceed 25 characters.

Naming Examples:

- A new item for Superpave HMA Pavement, Class SP4, established by Change Order No. 9 would be designated as: C09-405-320A Superpave SP4.
- Change Order No. 10 for adding work to dig a ditch by Force Account could be designated as: F10 Ditch Digging.
- Change Order No. 5, a new item for plantmix pavement as requested by the local agency to
 place on local streets outside of federal-aid project limits would be designated as: NC05-40510A Local Roads.

Items included in a change order are either in the original contract bid documents or an earlier change order will continue to use the established pay item number, provided the unit price remains the same.

Change Order (ITD-0400) examples are at the end of this section (Example 104.02-8 through 104.02-12).

104.02.06 Handwritten changes to the <u>ITD-0400</u>. Whoever makes the change will provide documentation of that change through an initial and date next to the change. The ITD-0400 can become evidence in a dispute. Proper identification of the person making a change, and the date of that change, are critical to the Department's record keeping process and the authenticity of the document. Changes made by the Department to a document after signature by the Contractor may present problems in terms of legality and is not recommended.

104.02.07 Contractor's Signature on the ITD-0400. Obtain the Contractor's original signature on two copies of the change order or facsimile signature on one copy before the approval authority signature. The Contractor is required to return the signed or unsigned change order(s) to the Engineer within five business days. If the Contractor does not agree to the change order and refuses to sign, the specifications also require the Contractor to provide a written explanation for refusal. The change order may then be issued unilaterally. A unilaterally issued change order is an effective order given to the Contractor. If the executed change order is contested by the Contractor, use certified mail with return receipt requested.

104.02.08 Local Agency's signature on the ITD-0400. The Local Public Agency (LPA) must be aware of and signatory to all change orders on local projects. Consult with the LPA in accordance with <u>Section</u> 640.00 of the "Guidelines for Local Public Agency Projects", and the applicable State/Local Agreement.

104.02.09 Claim Settlement. Contractor claim settlements are to be paid by change order. Claim settlement change orders should be paid by the District immediately after the change order is executed to avoid post judgment interest.

104.02.10 Preparing a Utility Agreement Change Order. Complete an <u>ITD-2317</u> for all Utility Change Orders. The <u>ITD-0403</u>, Utility Agreement Change Order, is used to make any change in the original utility agreement, or to facilitate utility work not covered by an agreement. Refer to <u>CA Manual 105.07</u> for a more thorough discussion of Utility and Railroad Agreement Change Orders and other actions that may be required because of such change orders. The District Engineer approves all utility change orders.

Utility change orders are to be numbered separately from Construction Change Orders. Begin with number 01 for each contract and number consecutively.

Utility Agreement Change Order (ITD-0403) examples are at the end of this section (Examples <u>104.02-13</u> and <u>104.02-14</u>).

All utility change order work is subject to Buy America if Federal Aid funds were expended on the project, including those projects that are state funded but a NEPA document was completed for the project.

104.02.11 Constructive Change. Any conduct by the Engineer (or a representative authorized to order changes), which is not a written change order, but which has the effect of requiring the Contractor to perform work different from that prescribed by the contract terms, could constitute a constructive change order. If the Contractor gives written notice that a constructive change has occurred, the Engineer will evaluate the change, and if in agreement, initiate and process a written Change Order if in agreement after evaluation.

104.02.12 Consultant Designs - Errors or Omissions Change Orders. Costs for design errors or omissions in contract documents are either recoverable or non-recoverable. Costs are considered non-recoverable if the consultant followed the work scope, followed established Departmental procedures and design standards, and practiced due diligence ("standard of care") in trying to prevent mistakes during design. For example, a problem may appear as substandard consultant design work when the problem could have been because of restrictions in the consultant's work scope or based on information and direction provided by the Department.

If the design consultant prepared the plans and other contract documents in accordance with Department standards, procedures, consultant agreement, and adhered to professional standards, the consultant cannot be held accountable.

However, cost can be recoverable if the errors and omissions result from the following:

- Substandard Design the design does not meet the standards and criteria established by the
 Department and referenced in the scope of services, federal regulations or other normal
 standards, accepted principles and practices.
- Defective Special Provision the special provision does not specify the necessary requirements or imposes requirements that cannot be reasonably attained.
- Deficient Site Investigation the investigation did not adequately identify all features, including subsurface features, resulting in adverse impacts to project construction.
- Contract errors, omissions and conflicts that materially affect construction.
- Work was completed according to the plans but was incorrect and must be redone.

To clarify recoverable and non-recoverable costs, the following two instances are used as examples:

Instance A: The consultant's plans failed to show guardrail on an embankment that would require protection in accordance with the Design Manual. The Department and local government determine that guardrail is required and the consultant is so informed. Subsequently, since there was no guardrail in the contract, the Resident Engineer negotiates a fair and equitable price for the guardrail and a Change Order is prepared.

Instance B: The consultant's plans specify spread footing for the abutments of a small single-span bridge. Apparently, the foundation investigation was improper, as the gravel layer on which the spread footing was to be founded amounted to a very thin layer that is unacceptable for supporting the abutments. The consultant and other department personnel are contacted. After additional

investigation, it is agreed that the spread footing design must be abandoned in favor of a pile-supported foundation. Consequently, the excavations must be backfilled and the backfill compacted in preparation for driving piling. A Change Order is prepared to cover the backfilling and the foundation design changed to piling.

The situation described in Instance A is one in which the consultant would not normally be expected to share in the construction cost. It is assumed that the negotiated price did not result in any greater total cost to the project than would have occurred had the item been included in the original plans; therefore, no assessment should be made against the consultant.

The situation described in Instance B, however, is one in which additional costs were incurred to perform corrective work that was the result of a recoverable design error or omission. The extra work resulted in no benefit to the project. Therefore, the consultant is liable for the costs of excavating between the newly established abutment grade and the originally designed footing grade, as well as backfilling and compaction. The cost of piling should not be considered the consultant's liability.

The following steps should be followed by the Engineer to identify and recover error and omission costs from the consultant:

- 1) Evaluate the error or omission to see if it is recoverable. The criteria to use are:
 - a) The error is clearly a design oversight
 - b) The error caused the project cost to increase above the amount considered necessary had the design been correct in the first place (e.g. work has to be removed and redone)
 - c) Project Development provided verification that restrictions in the consultant's work scope, and information or direction provided by the Department did not cause what may appear as substandard design work.
- 2) At the first indication of a potential design error and omission, take the following actions (the project development verification may not be received immediately):
 - a) Immediately notify the consultant (in writing) of the error
 - b) Give the consultant every opportunity to participate in a solution and to take corrective action
 - Record the work using force account procedures and photographs, and document all decisions and actions
 - d) Determine the increased construction cost of the corrective action
 - e) Provide the consultant a letter detailing the cost for the corrective action with a deadline for a response and potential repayment.

Before initiating recovery, the District Engineer must approve all potential recovery against engineering consultants for design errors and omissions costs. The cost for correcting an error and/or omissions is based on comparison with the actual first-time cost if the design had been initially correct. First-time costs, as well as routine variations in estimated quantities, are not considered recoverable costs. If

supportable, costs may include that which the Department may have incurred to resolve changes in the contract documents, additional engineering and inspection costs, and Contractor delay costs.

The Resident Engineer shall then correspond with the consultant setting forth the basis of the recovery. If the consultant disagrees and further action is necessary, the Department shall contact the Legal Section.

On locally-sponsored projects, the sponsor shall pursue restitution for errors and omissions from their consultant. The sponsor needs to be informed at the earliest possible date of an error or omission that could increase their cost. In the event the error or omission results in costs for which the consultant is judged responsible, the Engineer will assure that the payment received is credited to the project.

NON-PARTICIPATING Change Orders are change orders that are written to compensate the Contractor for correction of consultant engineering errors and omissions (where recovery of costs is being pursued). When the consultant is billed and payment is received, the Engineer will ensure that payment is credited to the project.

104.02.13 Contract Revision Types. There are six contract revision types:

- 1) Extra work ITD SSHC 104.02.B
- 2) Differing Site Conditions ITD SSHC 104.02.C
- 3) Suspensions of work ordered by the Engineer ITD SSHC 104.02.D
- 4) Significant Changes in the Character of the Work ITD SSHC 104.02.E
- 5) Eliminated Contract Pay Items ITD SSHC 104.02.F
- 6) Utility Facilities ITD SSHC 105.07.

104.02.14 Extra Work. Force Account for extra work is used for unknown quantities which make it difficult to agree upon a price, or where the Contractor and the Engineer cannot agree on a price. Force account is also used when the nature of the work makes it impossible to arrive at an agreed price, or when detailed records are needed, such as on potential claim issues. Use a contingency amount (CA), not lump sum (LS) when the actual cost cannot be reasonably estimated.

The Contractor is entitled to overhead and profit per ITD <u>SSHC 109.03.C</u> for extra work performed by a subcontractor. This fee is based on the total cost of work performed regardless of the number of subcontractors needed. The Contractor is not to receive any additional markups over and above what is specified in <u>SSHC 109.03.C</u>. The overhead and profit must be a separate cost item on the change order.

Do not accept change order pricing that does not also include documentation of the subcontractor detailed price proposal (i.e. under their letterhead and over their signature).

104.02.15 Differing Site Condition. A change order must be prepared to cover equitable adjustment in costs and time when differing site conditions are encountered and the Contractor has followed the procedures previously discussed.

1) Type 1 Differing Site Condition

Per ITD <u>SSHC 104.02.C</u>: "During the progress of work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the contract..."

A Type 1 differing site condition is a circumstantial change that involves an existing condition at the site of work that materially differs from the conditions represented in the contract (specifications and plans) documents, which was not anticipated by either the Department or the Contractor. In highway construction, most differing site conditions involve subsurface materials such as soil, rock, groundwater, underground facilities, and debris. The Contractor must prove that actual site conditions encountered differ materially (or significantly) from what the Department represented. To determine the merits of a Type 1 Differing Site Condition, the Engineer must first determine what was actually represented in the contract documents. The project plans, as-built plans from previous projects, soils reports and boring data, and any other documents that were available to the Contractor at the time of bidding must all be reviewed. At this stage the Engineer is trying to ascertain what the Department represented at the time of bidding. If the Department did not provide any site information, then no Type 1 Differing Site Condition exists because no conditions were represented.

The most difficult step is determining if the contract documents do indicate that conditions encountered differ materially from representations made by the contract, because there is no widely accepted definition of what is materially different. Usually only conditions that significantly change how the Contractor should have performed the work are considered materially different. The Engineer should consult with experts in the construction industry and with ITD's own in-house subject matter experts who are experienced in the type of work under issue.

Next, if the conditions are determined to be materially different, the Engineer must determine if the Contractor should have relied on the site information provided by the Department. Disclaimers and other contract language can sometimes negate reliance on site conditions provided in the contract documents. A site visit by the Contractor or the Contractor's past experience on similar projects may also negate reliance. If reliance was justified, then the Contractor may be able to recover.

2) Type 2 Differing Site Condition

When the contract does not clarify the existing conditions at the site of work, then a Type 2 differing site condition exists only "...if unknown physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the contract, are encountered at the site..." (see ITD <u>SSHC 104.02.C</u>)

This is a much broader definition of a differing site condition and applies to industry practices in general. For example, if a Contractor is installing pipe and the Department provides no soils information on the pipe run, then the Contractor must deal with whatever soil type and groundwater conditions are encountered at the site. If the Contractor expected firm clay and encounters loose, running sand, there is no relief since loose, running sand is not an unusual condition in pipe work. However, if the Contractor uncovered an old railroad line in the middle of a desert, then some relief would be available to the Contractor since old railroad lines are not normally encountered in pipe work in remote areas.

The Department must not withhold any information it has on site conditions to inquiring contractors. In cases in which the Department does not fully know the site conditions, contractors must adequately determine their risk and bid accordingly.

Whether the condition encountered fits a Type 1 or Type 2 Differing Site Condition, **prompt written notification** must be given by the party discovering the differing site condition to the Engineer. The Engineer must **promptly** investigate the conditions and **promptly** notify the Contractor in writing whether or not a differing site condition exists. If a differing site condition exists the contract is adjusted accordingly by change order.

The Contractor has the right to disagree and pursue a construction claim under ITD <u>SSHC 105.16</u>.

104.02.16 Eliminated Contract Pay Items. The Engineer will immediately issue a written order (a change order, letter, or AVO) to the Contractor to eliminate any items of work from the contract if it is found that these items are unnecessary for the proper completion of the work. A change order should be used to formalize the change when major items of work are eliminated, and wherever cost and time concerns become uncertain.

If the Contractor has incurred costs for the eliminated items, reimbursement for actual work completed and the costs incurred shall be paid by a change order. Reimbursement requests for lost overhead and profits are evaluated on a case-by-case basis.

Although items of work may be eliminated, the Contractor is still required to finish the remaining work on the project. Contract items that have unusually high unit bid prices should not be eliminated solely for the purpose of saving money.

104.02.17 Permanent erosion and sediment control plans, measures and specifications are often based on project environmental commitments. A change order is required if any modifications are made to contract requirements for temporary and permanent sediment and erosion control measures or vegetation establishment. This includes adding revised plan(s) or measure(s) to the contractual requirements.

The Resident Engineer must consult with the District Environmental Planner before implementing any changes. Consultation with the Headquarters Environmental Section may also be necessary. In addition, the Resident Engineer shall consult with the Department's Roadside Program Manager whenever erosion control modifications may affect the establishment of permanent seeding, sodding or plantings. All parties must respectively ensure that adequate time is given for review of the proposed change(s) and that their responses are timely.

In preparing SWPPP's, contractors may sometimes use contract plans as a base document to show that the temporary sediment and erosion control measures they are planning to use comply with NPDES requirements. Contractors also sometimes make revisions to the contract plans when preparing the SWPPP.

Revisions to contract plans should be reviewed by the Engineer of Record for concurrence. A change order may need to be issued if revisions to the contract plans are accepted as part of the SWPPP

process, depending on whether engineered features have been affected (e.g. size and location of siltation ponds).

It is recommended that the Engineer of Record who stamped the plan sheet(s) re-stamp revisions made to contract plan sheet(s), so that he/she remains in responsible charge. Otherwise, if the modified contract plans are not re-stamped, the authorizing individual, by signing the change order, is accepting responsibility for the change(s). Therefore, the RE should not approve contract document engineering changes that have not been re-stamped.

104.02.18 Examples 104.02-1 through 14. Examples of a completed AVO, six <u>ITD-2317s</u>, five <u>ITD-0400s</u> and two <u>ITD-0403</u>'s are on the following pages. All forms must be properly signed to be effective.

Use the most current electronic version of these forms to ensure correct content, approval signatures and distribution.

ITD 2055 (Rev. 7-08)

Avoid Verbal Order (Speed Letter)



itd.idaho.gov Idaho Transportation Department

<u>'</u>	
Mr. Contractor	Superintendent, Acme, Inc.
From	Title
Elmer Hardworker	Principle Inspector, ITD Residency 1
Subject / Project Number	
Replace Delineators / Key # 12345 SH 30 F City Limits to	Jct 20

Message	
Remove existing delineators and install new Type 1R or Type 2R delineators as marked in the field	d. Provide material and work
in accordance with Standard Drawing G-3 (copy attached) and Section 617 of the the Standard Sp	ecifications.
Per our conversation and Engineer's approval today an estimated quantity of 92 Type 1R delineate	ors and 27 Type 2R
delineators will be measured in place. The installed unit price for the Type 1R is agreed at \$17.13	and \$17.93 for Type 2R.
Overhead and Profit will be computed in accordance with Subsection 109.03.C.4.	
Contract time will be extended by one working day.	
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Reply

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Scope of Work 104 **Contract Administration**

Example 104.02-2

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91969		2691(969)				d., Jerome Co.		
Contract EMI	Or				Date This Form F 3-18-13	Filled In Change Ord	der Number	
Resident	Engineer				Requested By (C	ontractor requests - attac	th REC with this form)	
Geoff E					ITD	onitation requests attac	with the form,	
Nature	and Reason fo	r Revisior	1					
one pag		r key as m				his section on-line and k of boxes to the botto		than
and pur	ncture strength te	est areas.				led to meet the specif		ensile
materia						place with a 35% pric failing tests per the IT		anual
Subsec	tion 330.10 of the	e Lab Ope	rations Manua	al, for the insta	lled quantity repre	ost, in accordance wit esented by the failing the project records.	th the schedule in tests. The agreed p	rice
PRICIN	G:							
	Item		n Name	Quantity	Unit	Unit Price	Item Total	
	C07640-015A	Subgrad Separati Geotexti	on	(3,277.78	SY SY	\$1.77	(\$5,801.67)	
				0.077.7				
	C17640-015A	Subgrad Separati	on	3,277.7	8 SY	\$1.47	\$4,818.34	
	C17640-015A		on	3,277.7		\$1.47 ated Decrease	\$4,818.34 (\$983.33)	
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	TED TIME IMPA Date Work is to Star	Separation Geotextill	on le TY II contract time a	adjustment is v	Net Estim	ated Decrease	(\$983.33)	
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Page 1 of 1



Record Of Change Order Authorization

ITD 2317 (Rev. 07-13)

This form must be completed and approved before beginning this work. See Contract Administration Manual Subsection 104.02 for specific instructions. (Access the form fields and check boxes below by tabbing from field to field)

Lead Key Number	Lead Project Number	Location (same as describ	ped on contract cover)
30173	IM-99-3(011)973	I-99, Abbey Road to E	ast IC
Contractor		Date This Form Filled In Ch	ange Order Number
EMI		8-08-13 11	
Resident Engineer		Requested By (Contractor reques	sts - attach RFC with this form)
Alan Parsons		ITD	

Nature and Reason for Revision

To complete this field, click inside the box below. If desired, after completing this section on-line and it extends to more than one page, press the Enter key as many times as necessary to move the next block of boxes to the bottom of the last page.

CHANGE IN PLANS

REASON FOR CHANGE: This change order is to repair structural defects and address safety concerns for the traffic crossing this structure. The work includes replacing the bridge bearings and compression seal joints. Repair is critical for the problems to be resolved before further deterioration occurs potentially necessitating a load reduction.

WORK DESCRIPTION: Repair the Snake River Bridge per the attached Bridge Repair Drawings, Bridge Special Provisions, and other associated work as directed.

ESTIMATED COST: The Contractor provided a cost breakdown for the extra work. The Engineer used force account analysis and compared these unit item prices to the Department average bid prices. The subcontractor has completed contract work on the project and will need to remobilize his crews and equipment including costs for the superintendent, management, toilets, etc. The bridge removal cost is associated with increased width and depths required to remove the deteriorated material.

PRICING:

Item	Item Name	Quantity	Unit	Unit Price	Item Total
C11A	10-61 Rigid Mortar	9	CY	\$3,405.82	\$30,652.38
F11B	SWPPP Contingency (Includes River Protection)	5,000	CA	\$5,000.00	\$5,000.00
F11C	Weather Protection Contingency	15,000	CA	\$1.00	\$15,000.00
C11D	Prime Contractor Overhead and Profit	14,450	CA	\$1.00	\$14,450.00
C11S501-06B	Compression Seal Joint	193	FT	\$99.00	\$19,107.00
C11S501-35A	SP Bridge, Partial Removal of Bridge	57	SY	\$1,370.00	\$78,090.00
C11S501-40A	SP Bridge, Elastomeric Concrete Header	4.67	CY	\$12,200.00	\$56,974.00
C11S501-55A	Bridge Bearings and Steel Beam Seats	6	EA	\$4,155.00	\$24,930.00
C11S612-20A	Rem. & Reset Concrete Guardrail	1,000	FT	\$35.00	\$35,000.00
C11Z629-05A	Mobilization	1	LS	\$19,008.45	\$19,008.45
			Total Esti	mated Increase	\$298,211.83

ESTIMATED TIME IMPACTS: Rapid Mortar will be used instead of CL 40A to reduce the time by 3 weeks. The required 10-day cure time is eliminated since the Rapid Mortar cure time is much shorter. Also, on-ramp traffic requires 2 phases of bridge work, further justifying the Rapid Mortar. Reducing the CPM time by 3 weeks minimizes potential winter weather impacts to the project and traffic. The Contractor's proposed schedule shows completion by November 25th which is 45 working days beyond the contract completion date. The documentation is on file with the project records. The Department will increase Contract Time by 45 Working Days.

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Lead Key Number	Lead Project Number	er				Location (same as de		tract cover)			
30173	IM-99-3(011)973					I-99, Abbey Road	to East IC				
Contractor				,	Date T	his Form Filled In	Change Orde	r Number			
EMI					8-08-	13	11				
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9-27-13		**		X +	\$	298,211.83			Yes	L	_ No
Consulta	tion With	Date	Concu	ırrence		Consultation V	Vith	Date	С	oncur	rence
			Yes	No					7	<u>'es</u>	No
Alan Parso	ons, TFRE	8-05-13	\boxtimes							2	
Roger Wa	aters, EM-	8-08-13	\boxtimes						[
David Gilmour	, HQ Res. Ctr.	8-05-13	\boxtimes		<u>FH</u>	<u>WA</u> :			[
FHWA prior appr	oval? Yes	□ No ⊠	N/A								
Approval Authority	Date Au	thorized by Appro	val Auth	nority A	pproval	Authority's Signature					
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⊠o	ther Civil Enginee	ring, Inc.	_								



Record Of Change Order Authorization

ITD 2317 (Rev. 07-13)

This form must be completed and approved before beginning this work. See Contract Administration Manual Subsection 104.02 for specific instructions. (Access the form fields and check boxes below by tabbing from field to field)

Lead Key Number	Lead Project Number		Location (same as d	lescribed on contract cover)
91969	STP-2691(969)	Abbe		me Co.
Contractor		Date	This Form Filled In	Change Order Number
EMI	MI		5-06-13 14	
Resident Engineer		Requ	ested By (Contractor r	requests - attach RFC with this form)
Geoff Emerick		ITD		

Nature and Reason for Revision

To complete this field, click inside the box below. If desired, after completing this section on-line and it extends to more than one page, press the Enter key as many times as necessary to move the next block of boxes to the bottom of the last page.

QUANTITY VARIANCE

REASON FOR CHANGE: Directed Surveying will exceed 125% of the original estimate. A price adjustment was requested for the quantity exceeding 125%.

WORK DESCRIPTION: This change order adjusts the Contract Unit Price for S105-05A Directed Surveying 2-Person Crew and S105-05D Directed Surveying Office Computations for quantities exceeding 125% of the original Contract amount.

ESTIMATED COST: The Engineer has reviewed Contractor provided costs based on a force account analysis and found them justified.

PRICING:

Item	Item Name	Quantity	Unit	Unit Price	Item Total
S105-05A	Directed Surveying 2- Person Crew	12.5	HRS	\$0.00	\$0.00
S105-05D	Directed Surveying Office Computations	12.5	HRS	\$0.00	\$0.00
C14S105-05A	Directed Surveying 2- Person Crew	26.0	HRS	\$110.00	\$2860.00
C14S105-05D	Directed Surveying Office Computations	20.0	HRS	\$38.50	\$770.00
			Total Estir	nated Increase	\$3630.00

ESTIMATED TIME IMPACTS: No contract time adjustment is warranted for this work.

	Re	cora Ut	Cna	nge	Ora	er Authoriza	ation	ľ	TD 2317 (F	Rev. 07-13)
Lead Key Number	Lead Project Numb	er				Location (same as des	scribed on co	ntract cover)	
91969	STP-2691(969)					Abbey Rd., Jerrome Co.				
Contractor					Date 7	ate This Form Filled In Change Order Number				
EMI						-13	14			
Specific Date Work i	is to Start - if estimate	d, enter date then	("est.")	Total Es	timated	Change			Time Adju	stment
5-13-13				□ + [□-\$	3,630.00			☐ Yes	⊠ No
Consulta	tion With	Date	Concu	ırrence		Consultation Wi	th	Date	Con	currence
Geoff Eme	rick, TFRE	5/3/13	Yes 🖂	No					Yes	S No
George IV	lartin, EM	5/3/13	\boxtimes							
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⊠o	ther Civil Enginee	ering, Inc.								



Record Of Change Order Authorization

ITD 2317 (Rev. 07-13)

This form must be completed and approved before beginning this work. See Contract Administration Manual Subsection 104.02 for specific instructions. (Access the form fields and check boxes below by tabbing from field to field)

Lead Key Number	Lead Project Number	Location (same as described on contract cover)			
71971	DHP-NH-IR-CM-F-0071(971)	Fillmore East			
Contractor	to the contract with the state of the state	Date This Form Filled In	Change Order Number		
Capricorn,	Inc.	6-19-13 29			
Resident Eng	gineer	Requested By (Contractor re	equests - attach RFC with this form)		
Aaron Baron ITD					

Nature and Reason for Revision

To complete this field, click inside the box below. If desired, after completing this section on-line and it extends to more than one page, press the Enter key as many times as necessary to move the next block of boxes to the bottom of the last page.

CHANGE IN SPECIFICATION

REASON FOR CHANGE: This project was designed using the Hveem method of paving specifications. Since then, the Department has adopted Superpave HMA paving requirements. This change is a no-cost change order as both the Department and the Contractor are set up to meet the current Superpave paving specifications.

WORK DESCRIPTION: Delete references to items 405-005A, 405-160A, 405-170A, and 405-230A and replace them with the attached May 2010 Special Provision - Superpave Hot Mix Asphalt (HMA) Pavement. Complete the work as shown on the plans or as established. The Engineer will allow RAP at Level 1 as shown on the Superpave Special Provision.

ESTIMATED COST: The Engineer has reviewed the agreed prices for Superpave HMA Pavement and found they compare favorably with similar work. The documentation is on file with the project records.

PRICING:

Item	Item Name	Quantity	Unit	Unit Price	Item Total
405-005A	Plant Mix Pavement Class I	(38,305.49)	Tonnes	\$42.00	(\$1,608,830.58)
405-160A	PG 58-28 Asphalt for Plant Mix	(1,155.03)	Tonnes	\$745.00	(\$860,497.35)
405-170A	PG 64-28 Asphalt for Plant Mix	(882.00)	Tonnes	\$760.00	(\$670,320.00)
405-230A	0.5% Anti Strip Add. For Plant Mix	(2,207.03)	MTOA	\$9.00	(\$19,863.27)
C29S405-20A	SuperPave HMA Pavement Including Asphalt and Additives ¾" Agg. Class SP- 4 (58-28)	22,218.00	Tonnes	\$81.30	\$1,806,323.40
C29S405-30A	SuperPave HMA Pavement Including Asphalt and Additives ¾" Agg. Class SP- 4 (64-28)	16,089.00	Tonnes	\$84.10	\$1,353,084.90
			Net Estima	ted Decrease	(\$102.90)

ESTIMATED TIME IMPACTS: No contract time adjustment is requested or warranted with this change order.

	Re	ecord Of (Cha	nge	Ord	er Authoriza	ation	ľ	TD 2317	(Rev	. 07-13)
Lead Key Number	Lead Project Numb	er				Location (same as des	scribed on co	ntract cover)		
71971	DHP-NH-IR-CM-	F-0071(971)				Fillmore East					
Contractor					Date This Form Filled In Change Order Number						
Capricorn, Inc.					6-19-	13	29				
Specific Date Work	is to Start - if estimate	timated	Change			Time A	djustn	nent			
8-12-13				□ + □	⊠- \$	102.90			☐ Yes	3 [⊠ No
Consulta	ation With	Date	Conc	urrence		Consultation Wi	th	Date	(oncu	rrence
Aaron B	aron, RE	4/24/13	Yes	No		Gregg Allman, D	ME	4/26/1		Yes	No
Tom Do	owd, EM	4/26/13	\boxtimes								
Duane Allma	an, HQ DMC	6/17/13			FH	<u>WA</u> : Larry Dahlstroi	m	6/21/1	3	\boxtimes	
FHWA prior appr	oval? ⊠ Yes	□ No □	N/A								
Approval Authority CE DE	Approval Authority Date Authorized by Approval Authority Approval Authority's Signature										
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Record Of Change Order Authorization

ITD 2317 (Pay 07 13)

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Lead Key Number	Lead Project Number		Locatio	n (same as de	scribed on c	ontract cover)	
10123	A010(123)		SH-67	, EB Ramps	to Atlantic	Ave.	
Contractor			Date This Forr	m Filled In	Change Or	der Number	
Disraeli Construc	tion, Inc.		7-05-13		U01		
Resident Engineer			Requested By	(Contractor re	quests - atta	ch RFC with this	s form)
Tom Dowd			ITD	,			
Nature and Rea	son for Revision						
one page, press the CHANGE IN PLAN REASON FOR CH	field, click inside the box ne Enter key as many time S ANGE: On June 4th, 2013 re railroad crossing at station 75	es as necessary to move	ve the next blo	ock of boxes kR. Railmad√h	to the bott	om of the last	t page.
traffic control for crossing was w payement to ru planking that v all railroad-roa This work was	or the mill & inlay project whe earing away in the wheel part tout whichly to the same path was approximately 25 years of crossings. The Residency not contemplated during proper work to be accomplished by	re it meets the railroad of the so that if the new particular weights. The land the replaced to be replaced requested a pricing and ject development, there	crossing. At thi vement was pla was decided in ed with precast I time proposal	s meeting, it v aced adjacent vde:to peev insulated cond from the Raili	vas discove to the planl ent hendos crete planki road.	red that the rub king it would ca inon reoccurin ng; which is no	ber planking of the use the new ig,⁴hre≇thboer w commonly used a
Coordinate a purificación de la constitución de la	SCRIPTION: This change incoposed schedule of work an unit shall be performed. (precast congrete panels, tig I shall meet Railroad specific andard specifications for qua	d durations with the State index the pratection of the plates, rails, spike ations. The Railroad shallty.	te and the Con the Contractors and anchors all provide the	tractor. The v spropolerallis , and any othe State with a le	vork shall be Tomiroli. er requiredin	e incorreted in naterials) shall ng all materials	to the Contractor's be provided by the meet or exceed the
spikes, rails tie plates, r company s The Railro Railmad n	ad, at its determination, may	dispose of any unacce the deliver and install predefined provide inspection, section, section	otable ties and ast insulated o urity, flagging, oogerängings	ballast materi oncrete planki or other protec Bellmodupno	als, and deli no panels. ctive service	iver and replace Work shall have es as necessary	e necessary ballast, performed to Reiken r for the protection o
3-1-	(See the attached Change						
f this change order.	The TESTIMAN	ED COST: Submitted ent will pay for accepted	oricing includes	all costs incu	rred directly	or indirectly by	
	PRICIN						
Item Total		Item	Item Name	Qua	antity	Unit	Unit Price
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		Ciossiii	g i larining			Net Estima	เลกามเกลงค
	~_Thimwadertallahae	ESTIMATED Performed co	TIME IMPACTS	S: The Railrea	nd shall baw tems within	,	malata this work fro

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Lead Key Number	Lead Project Numb	er			Location (Location (same as described on contract cover)					
10123	A010(123)				SH-67, E	EB Ramps	to Atlantic A	Ave.			
Contractor					Date This Form F	illed In	Change Ord	er Number			
Disraeli Construc	ction, Inc.				7-05-13		U01				
Specific Date Work	is to Start - if estimate	ed, enter date the	n ("est.")	Total Es	timated Change		•		Time Ad	djustn	nent
7-13-13				□+ [] - \$_90,000.0	00			☐ Yes	6 [⊠ No
Consulta	ation With	Date	Conc	urrence	Con	sultation W	ith	Date	С	oncu	rrence
Tom Dov	wd, RE-1	7/3/13	Yes 🖂	No						Yes	No
Felix Papp	oalardi, EM	7/3/13									
Jack Bru	ce, ROW	7/8/13			FHWA:						
FHWA prior appr	oval? Yes	□ No □	N/A							1	
Approval Authority CE DE	Date Au 7-10-1	thorized by Appr 3	roval Auth	nority Ap	proval Authority's	Signature					
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Record Of Change Order Authorization

ITD 2317 (Rev. 07-13)

This form must be completed and approved before beginning this work. See Contract Administration Manual Subsection 104.02 for specific instructions. (Access the form fields and check boxes below by tabbing from field to field)

Lead Kev, Number.	Lead Project Number	Į.	Location/fame as described on contract covery			
21470	A010(456)		Leeds Way			
Contractor.			็กกรรชm _า ราแซนากา	Change Order Number		
Substitute, Inc.			-13	U01		
Resident Engineer			Requested By (Contractor requests - attach RFC with this form)			
Bob Pridden			ITD			

Nature and Reason for Revision

To complete this field, click inside the box below. If desired, after completing this section on-line and it extends to more than one page, press the Enter key as many times as necessary to move the next block of boxes to the bottom of the last page.

CHANGE IN PLANS

PEASON FOR CHANGE. This change order is to compensate MCA' bilinites for installing a pole, guying and dead ends to deenergize a span of primary transmission line, and remove existing anchors to allow holding construction. This includes the installation of anchor plates and reattachment of guy wires at new location. The existing guy wires were relocated due to interference with the MSE wall soil reinforcement. MCA Utilities moved the pole once according to plans but it was discovered later that the guy wires were still interfering with construction, so the pole required moving a second time. This change order also includes utility service hookup fees for interstate illumination.

Materials shall meet MCA Utilities specifications

ange

Construction shall meetiMCA Utilities specifications

ESTIMATED COST: Submitted pricing includes all costs incurred directly or indirectly by MCA Utilities as a result of this ch order. The Department will pay for accepted quantities pending utility invoice as follows:

PRICING:

\$7,597.32 \$7,597.32

Item	Item Name	Quantity	Unit	Unit Price
U01 Pole Locate	Relocate Utility Pole & Line	1	LS	\$7,597.32
			Net Estin	nated Increase

ESTIMATED TIME IMPACTS: There is no change in total contract time.

	R	ecord Of	Cha	nge	Order Autho	rization		ITD 2317	(Rev. 07-13
Lead Key Number	Lead Project Numb	oer			Location (same	as described on o			,
21470	A010(456)				Leeds Way				
Contractor					Date This Form Filled I	n Change O	rder Number		
Substitute, Inc.					7-10-13	U01			
Specific Date Work	is to Start - if estimat	ed, enter date the	n ("est.")	Total Es	timated Change	•		Time Adju	ustment
8-01-13				□ + □	\$_7,597.32			☐ Yes	⊠ No
Consulta	ation With	Date	Conc	urrence	Consultati	on With	Date	Co	ncurrence
Bob Prido	den, RE- 3	7/8/13	Yes 🖂	No				Ye	es <u>No</u>
Kit Lam	bert, EM	7/10/13	\boxtimes						
					FHWA:				
FHWA prior appr	oval? Yes	⊠ No [] N/A						
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	MC (electronic to	: HQ.ChangeC	Orders)	\boxtimes FH	IWA (Projects of Intere	st) Pete Towns	hend		
	Other								



You are ordered to perform the work described or incorporated below in accordance with the Contract or as amended by this change color. The costs perform him work includes the labor, equipment, materials, overhead, and the other incidental costs associated with completing the work.

Description of Work If no description is provided herein, the work description found in other accompanying documents is incorporated by this reference. Further, even if a description is provided herein, the work description in other accompanying documents is incorporated by this reference.

ACCEPTANCE PER 105.03

Description: The Engineer will allow Tencate geotextile to be left in place with a 35% price adjustment of the material cost only. This is only to be applied to the quantity represented by the failing tests per the ITD Lab Operations Manual Section 330.10.

Materials Requirements: No change.

Construction Requirements: No change.

Method of Measurement: The Engineer will measure acceptably completed quantities of Subgrade Separation Geotextile TY II in accordance with 640.04.

Basis of Payment: A price reduction of 35% is being applied to the material cost, in accordance with the schedule in Subsection 330.10 of the Lab Operations Manual, for the installed quantity represented by the failing tests. The agreed price includes labor plus the reduced material cost. The documentation is on file with the project records. The Department will pay for accepted quantities at the agreed unit price as follows:

4	Item	Item Name	Quantity	Unit	Unit Price	Item Total
1	C07640-015A	Subgrade	(3,277.7	8) SY	\$1.7	77 (\$5,801.67)
		Separation				
		Geotextile TY II				
<u> </u>	1737F44V91F3H	Subogradue	3,2	77378 35Y		\$1.47 \$4,81834
		Ser	paration	-1		
ĺ.				Geotextile	TYII	
ecrease	(\$983.33)					Net Estimated D
		13-a ** A **				
		<u> </u>	Canidatii i imfe. A	ccoiinund; Nac	ontract time adijisti	meatus watrantection this work.

		Chang	ge Order		ITD 0400 (Rev.03-13)
		Idaho Transpo	rtation Department		itd.idaho.gov
Key Number	Project Number	•	Contract Number		
91969	STP-2691(969)		XXXX		
Authority Num	nber	Location			
R92669		Abbey Rd., Jerome Co.			
Contractor's N	lame	1	Change Order Number	Date of 0	Contractor Authorization
EMI			17	3-18-13	
compensated Contractor's S	d at the prices speci	der is approved, we will perforn fied.	in the work described of incor	Date	
City, County, o	or Highway District Ag	ency's Name			
Authorized Re	presentative's Signatu	ıre	Title		Date
Approved for	or State of Idaho				
Authorized Re	presentative's Signatu	ire	Title		Date

D	Change Idaho Transporta		ITD 0400 (Rev.03-13) itd.idaho.gov				
	_	шоп Бераптепі	itu.idano.gov				
Paying Through: WinCaps	⊠ SiteManager						
See Contract Administration Manual Key Number Project Number	l Section 104.02	Contract Number					
30173 IM-99-3(011)973 XXXX							
,	ocation						
R311973 I-99, Abbey Road to East IC Contractor's Name Change Order Number Date of Contractor Authorization							
EMI		11	Date of Contractor Authorization 8-19-13				
requirements of the attached Sp Construction Requirements: Insthe requirements of the attached Method of Measurement: The E cubic yard. 2) SWPPP Conti- specified on the attached Sp Basis of Payment: The Conti- compared these unit item p	this work includes all labor, ork. In is provided herein, the work destion is provided herein, the work destion is provided herein, the work destined in the work destined in the work destined. O-61 Rapid Mortar instead of Opecial Provisions and Bridge Restall 10-61 Rapid Mortar in accord Special Provisions and Bridge Engineer will measure acceptatingency and Weather Protection ecial Provisions. tractor provided a cost breakd prices to the Department average and design and evidence with the provisions.	equipment, materials, overhead, a cription found in other accompanying do escription in other accompanying secretary accompanying the estration of the extra work. The English of the extra work is the estration of the extra work. The English of the extra work is the estration of the extra work is the estration of the extra work. The english of the extra work is the estration of the extra work is the extra work is the estration of the extra work is the estration of the extra work is the estration of the extra work is the extra wo	g documents is incorporated by this cuments is incorporated by this cuments is incorporated by this				

Anproved for State of I debot of Anthroinzed Representative's Signature

Example 104.02-9

			Ch Idaho Trai	nsportation Dep	artment		itd.idaho.
y Number	Project	Number		Contract N			
173	IM-99-3	3(011)973		XXXX			
uthority Nu	mber		Location				
R311973			I-99, Abbey Road to	East IC			
Contractor's	Name			Change	Order Number	Date of Con	ntractor Authorizat
MI				11		8-19-13	
C11A	m		tem Name	Quantity	Unit	Unit Price	Item Total
C11A F11B		10-61 Rigi	ontingency	5,000	CY CA	\$3,405.82 \$5,000.00	\$30,652.38
1110			River Protection)	3,000	CA	φ5,000.00	\$5,000.00
F11C		Weather P		15,000	CA	\$1.00	\$15,000.00
		Contingen					
C11D		Prime Con and Profit	tractor Overhead	14,450	CA	\$1.00	\$14,450.00
C11S50	1-06B		ion Seal Joint	193	FT	\$99.00	\$19,107.0
C11S50			Partial Removal of	57	SY	\$1,370.00	\$78,090.00
		Bridge				, ,, , , , ,	4.5,555.
C11S50	1-40A		Elastomeric	4.67	CY	\$12,200.00	\$56,974.00
C11S50	1-55Δ	Concrete H	arings and Steel	6	EA	\$4,155.00	\$24,930.00
011000	1 00/1	Beam Sea		١		Ψ4,133.00	φ24,930.00
C11S61	2-20A		eset Concrete	1,000	FT	\$35.00	\$35,000.00
044700	2.054	Guardrail					
C11Z629	9-05A	Mobilizatio	n	1	LS	\$19,008.45	\$19,008.45
				L	I otal Estima	ated Increase	\$298,211.83
eliminated Ijustifvjno	f since the sinc	ne Rapid Mo pid Mortar F tractor's proj	hh perseinneetarion rtar cure time is much Reducing the CPM tim posed schedule shows	shorter Also po-i e.by, 2 weeks minin	ramn,traffic.regu Lleitnator, zasin	ires 2 npases of ho vinter weather, impa	hagwookfiidhe stetothervoied
The De	oartmen	t will increase	e Contract Time by 45	working days.			
By reas	son of th	is change, co	ontract time will be adj	justed by			
	45	⊠W	/orking Days ☐ Ca	alendar Days			
We agre		this Change	Order is approved, with prices specified.	•	vork described o	or incorporated as st	nown above and
		ractor's Signa					Date
	Cont	ractor s olgina	turo				

Page 2 of 2

Tittre

D E			hange (ment			ITD 0400 (Rev.03-13) d.idaho.gov
Paying Thr	ough: 🗌 WinCaps	SiteMana	ger						
	ct Administration Mar	nual Section 104.02							
Key Number	Project Number		Co	ntract Numb	er				
91969	STP-2691(969)		XX	ΧX					
Authority Nu	mber	Location	•						
R92669		Abbey Rd., Jerome (Co.						
Contractor's	Name.			ange Order.	Number —	Date	of Contr	rater Ather	izztiณา
EMI			14	1		5-10	0-13		
Description Material	e. ITY VARIANCE ion: This change on the Surveying Office Coals Requirements: No action Requirements of Measurements. A press of Payments.	: No Change.	t.Unit.Price f nes exceedim eweb Contra	o <u>r \$105.05</u> g 425% of t	A. Directed the original state of the origin	Surveying 2 rContract an	Person fount.	്രാഷ്യ ഷൻ s	SARE SARE
	Item	Item Name	Quantity	Unit	l	Jnit Price	Ite	m Total	
		Directed Surveying 2- Person Crew	12.5	HRS		\$0.00		\$0.00	
	S105-05D	Directed Surveyii Office Computati	ons	12.5	HRS	The second second second	\$0.00	\$	0.00
		15A: Purected Survey Lesson Crew	· · ·	26:0			110:00	Account to the state of the sta	60 00
		Unio Die ponécie o Si Unio Die ponécie o Si	irvevi⊓u—— office Comput	ations	THE PERSON			Sover a - 1	* Section 1
3630 00	'1		- Joniput			Total E	stimate	ed Increase	
Samuel or specification of the	<u> </u>	Cotteataimands	n nortsnatdim	ลหระ ^เ ลด _โ นรถ	neincis mai	กรากร์ยาปราก	is doir.	The state of the s	

		Chan	ge Order		ITD 0400 (Rev.03-13)
		Idaho Transpo	ortation Department		itd.idaho.gov
Key Number	Project Number		Contract Number		
91969	STP-2691(969)		XXXX		
Authority Num	ber	Location			
R92669		Abbey Rd., Jerome Co.			
Contractor's N	lame		Change Order Number Date of Contractor		
EMI			14	5-10-1	3
compensated Contractor's S	d at the prices speci	fied.	rm the work described or incor	Da	
	or Highway District Ago	ency's Name			
Authorized Re	presentative's Signatu	ire	Title		Date
Approved for	or State of Idaho				
Authorized Re	presentative's Signatu	re	Title		Date

D P			nange Order nsportation Department	ITD 0400 (Rev.03-13) itd.idaho.gov
Paying Th	rough: WinCaps	⊠ SiteManage	er	
	act Administration Manu	al Section 104.02		
Key Numbe	er Project Number		Contract Number.	1
74974	DHP-NH-IR-EME	, ,	******	
Authority N R031971	Number	Location Fillmore East		
Contractor	r'e Nama	Fillimore East	Change Order Number	Date of Contractor Authorization
Capricorn			29	6-24-13
change ord associated Description reference CHAN Description Description Description associated Description reference CHAN Description Description associated reference CHAN Description associated reference CHAN Description associated reference CHAN Description associated reference CHAN Description associated associated associated reference CHAN Description associated as	der. The cost to perform I with completing the word of Work If no description of Work If no desc	n this work includes all ork. on is provided herein, the scription is provided hereion. N es to items 405-005A., perpave Hot Mix Aspha	in, the work description in other accomp	and, and all other incidental costs anying documents is incorporated by this anying documents is incorporated by this anying documents is incorporated by this and replace them with the attached Moork as shown on the plans or as
Delet	rage 493, Subsection 70 te the first 2 test require repaints and Determine pecimen by Means of 1 tuberpayer.	ements of Part 2 and su nghne Density/of/Hotels Viatory/Compactor	ibstitute the following: virxeaspinalit(httv/a): Avastaireourses	2
Ма	aterials Requirements:	Meet the Requirements	s of Superpave HMA Pavement.	
	pstruction Requirement in Commission (Commission)	ts: Meet the Recylines moussaumoulliment	outroelSungerouseHMM-Reusensete ningseemse/MonininsessyNMinyside	Change ancernet lift think geschung
F	Pavement and Asphalt	by the tonne. The Engi	ineer will not accept batch weights a	uantity of work as follows: 1) Superpavors a method of measurement. The Engor the weight of accepted Superpave H
<u> </u>	Basis of Payment: The	Department will calculate the property of the property will pay for a	ate any bonus to be paid or deducted naximum allowable bonus to be paid or deducted naximum allowable bonus to be paid or deducted naximum accepted quantities at agreed prices	d for QC/QA based on the original cont sor deducted as selectoristic the original as follows:

	3	₹ ·		

Page 1 of 2

	ITD 0400 (R			Change Or			
d.idaho.go	itd.			ransportation E	Idaho		
			ct Number			Project Number	Key Number
				XXXX	, ,	DHP-NH-IR-CM-F	71971
					Location	ber	Authority Numl
					Fillmore East		R031971
rization	Contractor Authoriz	Date o	e Order Number	Change	•	ame	Contractor's Na
		6-24-1		29		C.	Capricorn, Inc
				0 "	N	16	14
0)	Item Total	Unit Price	Unit	Quantity	Name vement Class I		Item 405-005A
	(\$1,608,830.58) (\$860,497.35)	\$42.00 \$745.00	Tonnes Tonnes	(38,305.49) (1,155.03)	ohalt for Plant		405-005A 405-160A
3)	(\$600,497.35)	\$745.00	Torines	(1,133.03)	Shall for Flant	Mix	403-1007
0)	(\$670,320.00)	\$760.00	Tonnes	(882.00)	ohalt for Plant		405-170A
	(\$19,863.27)	\$9.00	MTOA	(2,207.03)	•	0.5% Anti Str Plant Mix	405-230A
0	\$1,806,323.40	\$81.30	Tonnes	22,218.00	MA Pavement Asphalt and 3⁄4" Agg. Class SP-	i Tindiuaing /	C29S405-20
84.90	\$1,353,08	\$84.1	Tonnes	16,089.00	ve HMA Pavement Asphalt and ¾" Agg. Class SP-	Including	C29S40
	(\$102	ted Decrease	Net Estim				
02.90)	(\$102		THE LOUIS				1
		- endar Days	bis-chance ഹരി - Days 🔲 Ca	ÿlıı' pe a'äjuste'd py ⊠ Working	ange, contract time	o.contract time.adiu by reason or triis cr	
		- endar Days	bis.cbance.ord Days Ca	Win pe_adjusted by	ange, contract time 0 vVe acree that it for compensated	by reason of this cr	C sucits awin
		- endar Days	bis.cbance.ord Days Ca	Win pe_adjusted by	ange, contract time 0 vVe acree that it is	by reason of this cr	C sucits awin
		- endar Days	bis.cbance.ocd Days Ca Lapproved we ed.	Win pe_adjusted by	vvve agree that to compensated Contractor's Sig	by reason of this cr	C sucits awin
		- endar Days	bis chance and Days Ca approved 'we ed. Agency's Name	Wili' pe a'äjuste'd py	ovve agree triat it for compensated Contractor's Sig	by reason of this cr	
	rk'néscri <u>tjea or i</u>	- endar Days	bis.chance.ord	Will be adjusted by Working The prices specificature or Highway District	contract time 0 vVe agree that it to compensated Contractor's Sig City, Countractor Authorize	by reason-ór trins-cr	C sucits awin



Change Order

ITD 0400 (Rev.03-13) itd.idaho.gov

Idaho Transportation Department

rayเกิดูร่าวกปัญก: ชางโกเปล็อริวาา	of the first of th	
See Contract Administration Manual Section	104.02	

Key Number	Project Number		Contract Number		
10456	A010(456)		XXXX		
Authority Num	ber	Location	1		
R081969	R081969 !-99, Gary IC to Ten Mile RD				
Contractor's N	ame		Change Order Number	Date of Contractor Authorization	
Atco, Inc.			42	7-15-13	

You are ordered to perform the work described or incorporated below in accordance with the Contract or as amended by this change order. The cost to perform this work includes all labor, equipment, materials, overhead, and all other incidental costs associated with completing the work.

Description of Work If no description is provided herein, the work description found in other accompanying documents is incorporated by this reference. Further, even if a description is provided herein, the work description in other accompanying documents is incorporated by this reference.

CHANGE IN PLANS

Description: This Change Order provides for the installation of a sign overlay upgrade with Type 4 reflective sheeting to the Exit only portions of the overhead sign structures for the project.

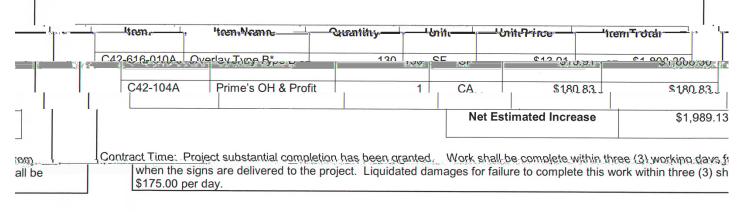
Materials Requirements: Materials shall meet the requirements of Subsections 616.02 and 712.02. The overlay shall consist of a minimum 2,963 chret cluminum panduvith hype 4 reflective shoeting per AGTMD. 1956 Threave hay shall be size bato the hull dimensions of the vellow exit only portions of the sign structures per the plans.

Construction Requirements: The sheet aluminum overlay shall be pop-riveted on the overhead sign structures to completely cover the yellow exit only portion of the four overhead sign structures at stations 2020+15 LT, 2125+20 Lt, 2047+00 Lt, and 2073+70 LT.

Method of Measurement. Ine Engineer will measure acceptably completed items as follows: Item C42-616-010A Overlay Type B will be measured by the square foot. Item C42-104A Prime's OH & Profit compensates the Contractor per 109.03 of the Contract.

Basis of Payment: The Department will pay for accepted quantities at contract unit prices as follows:

Pricing: Asterisked (*) items identify work by subcontractor.



		Chang	e Order		ITD 0400 (Rev.03-13)		
		Idaho Transport	ation Panartment		itd idaho gov		
Key Number	Project Number		Contract Number				
10456	A010(456)		XXXX				
Authority Num	nber	Location	_ocation				
R081969		!-99, Gary IC to Ten Mile RD					
Contractor's N	lame		Change Order Number	Date of Co	ntractor Authorization		
Atco, Inc.			42	7-15-13			
We agree the compensate Contractor's S	d at the prices speci	der is approved, we will perform fied.	the work described or incorporat	ed as show	vn above and be		
City, County, o	or Highway District Ag	ency's Name					
Authorized Re	epresentative's Signatu	ıre	Title		Date		
Approved for	or State of Idaho						
	epresentative's Signatu	ire	Title		Date		

⊃aying Thr		July Agreen	nent Change Order	ITD 0403 (Rev. 07- itd.idaho.g
, ,	ough: WinCaps	⊠ SiteManager		
See Contract	t Administration Manual Section	on 104.02 and 105.07)		
	Project Number	,	Contract Number	Work Authority
10123	A010(123)		xxxx	R51967
Location		Change Order Number	Name of Utility Company	Date
SH-67, EB	Ramps to Atlantic Ave.	U01	SWLABR Railroad	7-10-13
			the herein described changes fron ility agreement with the State of Id	
Change Reque	ested By		Change Submitted By	
ITD			Tom Dowd	
Descripțion o		materials required and es	stimate_of the cost to be paid by the St	ate
(Attach plan	ns, estimate, and explanation f	furnished by the railroad of	company.)	
the Railro	antrantimet Potimodrapeti ad's standard specifications fo The Potimodrapidi provide spikes pain and tin plate	<u>กะสัตอคร: "โรกปูโรสัต(odor S</u> or quality. อะไม่เรียงนะสกับอยุบัญทายป จะระบทกของสมบัตรของ	and anchors, and any other required number provided the State when a tener certification of the provided the state of the provided the state of the provided the state of the	uiging that all materials meet or exce
invalt—: —	company standards.	Annual of the property for the factors are	<u>renembound hur east in optoted felliefest</u>	sprantingspariers as observation perhet

Example 104.02-13

We, the undersigned utility company, hereby agree that if this proposal is approved, we will perform the work detailed above and accept payment at the prices shown for the respective items in accordance with the terms of the original agreement, except as herein provided.

Troit provided.		
Utility Company Representative's Authorized Signature	Title	Date
Local Jurisdiction Action	·	'
Approved For (name of city, county, or highway district)		
Authorized Representative's Signature	Title	Date
Idaho Transportation Department Action	·	
Chief Engineer or Authorized Representative's Signature	Title	Date
		The state of the s

Note: This Change Order is not effective until approved by the chief engineer or an authorized representative.

Example 104.02-14



13) gov

		Ut	ility Agreen	ITD 0403 (Rev. 07- itd.idaho.		
Paying Th	ough:	☐ WinCaps 🖂 :	SiteManager			
(See Contrac	t Admini:	stration Manual Section 104	.02 and 105.07)			
Key Number	Project N	lumber		Contract Number		Work Authority
21470	A010(4	-56)		XXXX		R51670
Location		Ch	ange Order Number	Name of Utility Co.	mpany	Date
Leeds Way	/	UC)1	MCA Utilities		7-10-13
The above rollowing wo	ork not ir	tility company is hereby on cluded in the plans and e	directed to make estimate of the ut	lity agreement v	vith the State of Idaho.	olans and estimate or do th
ITD	ested by			Change Submi Bob Pridder		
D = = = i= ti = =	- f I - I''	211111				
		tional work to be done, manation furnished by the u		and estimate of	cost to be paid by the S	tate. (Attach plans,
CHANGE I						
plates and illumination	reattach	sion line, and remove exi ment of guy wires at new Utilities specifications.	isting anchors to a location. This cl	allow bridge con nange order also	struction. This includes o includes utility service l	the installation of anchor hookup fees for interstate
Materiais. F	Per MCA	Ounties specifications.				
Constructio	n Requi	rement: Per MCA Utilitie	s specifications.			
Method of I	Measure	ment: The Engineer will	measure accepta	ably completed v	vork by the lump sum (L	S), per invoice.
Basis of Pa	ayment:	The Department will pay	for acceptable qu	uantities pending	utility invoice as follows);
Iter	n	Item Name	Quantity	Unit	Unit Price	Item Total
U01 Pole	Locate	Relocate Utility Pole &	1	LS	\$7,597.32	\$7,597.32
		Line		Net Estir	nated Increase	\$7,597.32
					 	, ,, , , , , , , , , , , , , , , , , , ,
Contract Ti	me: The	ere is no change in total c	contract time.			
We, the und accept payon herein prov	ment at	d utility company, hereby the prices shown for the r	agree that if this respective items in	proposal is app n accordance w	roved, we will perform the thing the terms of the origin	ne work detailed above and nal agreement, except as
		entative's Authorized Signature		Title		Date
_ocal Jurisdict	ion Action					
Approved For	(name of	alty accepts on high your district.				
approved For	(Harrie OT 6	city, county, or highway district)				
Authorized Re	presentati	ve's Signature		Title		Date
daho Transpo	rtation De	partment Action				
Chief Enginee	r or Author	rized Representative's Signatur	re	Title		Date

<u>Note</u>: This Change Order is not effective until approved by the chief engineer or an authorized representative.