This chapter contains the following sections:

Steps to Create a Change Order	8-3
Setting a Change Order Back to a Draft Status	8-21
Change Order Report Generation	8-24
Approving a Change Order	8-25
Deleting or Denying a Change Order	8-28

A Change Order modifies the original contract. A contract may be modified for many reasons: new items may need to be added to the contract, quantities of existing contract items may need to be increased or decreased, items may need to be moved from one category to another, changes to working days or completion dates, changes to the contract documents, and completing the Closeout Change Order to reconcile existing items at the time of closeout.

Refer to Chapter 3, Change Orders and Letters of Authorization, in the <u>Documentation Manual</u>, and Chapter 2, Contract Administration, in the Construction Manual, for requirements and procedures on how to successfully execute a Change Order.

AWP limits overruns by establishing limits based on Major items. A Major item, as defined in section 101.03 in the Standard Specifications for Road and Bridge Construction, is an item which has a total cost equal to or greater than \$50,000.00. The AWP software is set up with the overrun rule that any Major Item, at the Project/Category level, cannot exceed the original quantity by 100% or exceed \$100,000.00. If these thresholds or overruns are exceeded, a Change Order will need to be executed to make future payments against the item.

STEPS TO CREATE A CHANGE ORDER

1. Confirm current role is set to NV Crew Office. (Figure 8-1)



Figure 8-1. Current Role

2. From the Home page, click Contract Progress hyperlink under the Construction component. (Figure 8-2)



Figure 8-2. Construction Component

3. In the search box, enter the Contract Number, or click the Show first 10 hyperlink. (Figure 8-3)

Contracts Progress Overview

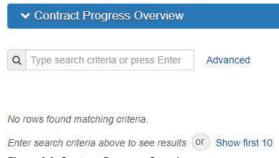


Figure 8-3. Contract Progress Overview

4. Click the Contract number hyperlink. (Figure 8-4)

Contracts Progress Overview



Figure 8-4. Contract Progress Overview with Results

5. Click the Change Orders tab. (Figure 8-5)

Contract Progress Summary

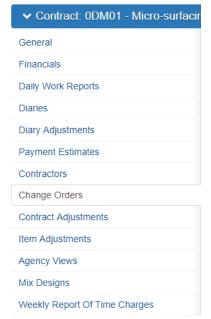


Figure 8-5. Contract Progress Summary Tab

6. Click the Add button. (Figure 8-6)

Contract Progress Summary

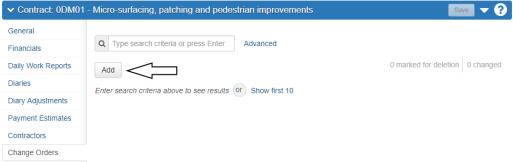


Figure 8-6. Change Order Add button

7. Complete all fields in the General Tab.

Note: The AWP software has two levels of Change Order types: **Change Order Type** and **Change Order Reason Type**. **Change Order Type:**

- 01 General: Includes Change Order Reason Types 01 24
- 02 Administrative: Includes Change Order Reason Types 25 29
- 03 Prior: Includes Change Order Reason Types 901 924

Refer to Chapter 3, Contract Modifications and Letters of Authorization, in the Documentation Manual for complete details on the Change Order types.

Refer to Chapter 11, Change Order Reason Types, in this User Guide for the complete list of Change Order Reason Types.

a. General Change Order (Figure 8-7)

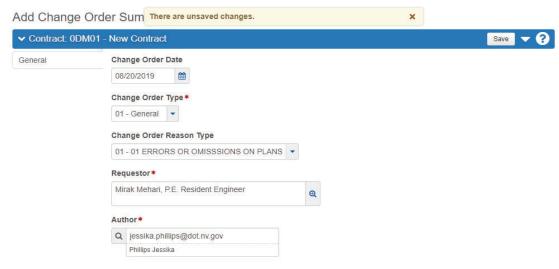


Figure 8-7. Add Change Order: General

b. Prior Change Order (Figure 8-8)



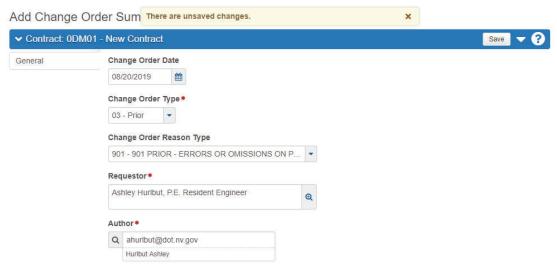


Figure 8-8. Add Change Order: Prior

c. Administrative Change Order (Figure 8-9)

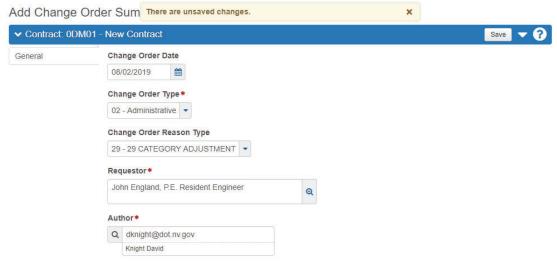


Figure 8-9. Add Change Order: Administrative

- 8. Click the Save button.
- 9. Complete Change Order tabs as applicable. (Figure 8-10)



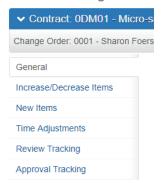


Figure 8-10. Change Order Tabs

a. General tab - Change Order Explanations Area: Enter the appropriate Change Order Explanations.

Note: The AWP system now includes the NDOT Accord and Satisfaction and Prior Clauses pre-populated.

i. For the Change Order description/explanation, enter a value of 1 for the Change Order Explanations - Order field (the Order field is a sequentially increasing value for as many Change Order Explanantions as needed), leave the Reference Explanation Name field blank, and type in the Supp Explanation field. (Figure 8-11)



Figure 8-11. Change Order Description

Note: If this is an Administrative type Change Order, the following steps do not need to be completed

ii. To select the appropriate clause, hit Enter in the Reference Explanation Name field. (Figure 8-12)

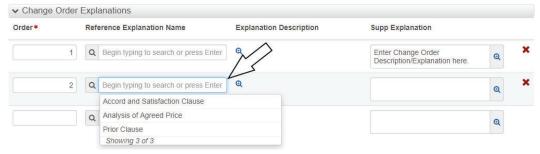


Figure 8-12. Clause Selection

Note: Only use the following Reference Explanation Names: Accord and Satisfaction Clause and Prior Clause. DO NOT USE Analysis of Agreed Price in this location.

iii. Change Order: Accord and Satisfaction Clause. Enter the next sequential value in the Order field and select the Accord and Satisfaction Clause. Leave the Supp Explanation field blank. (Figure 8-13)

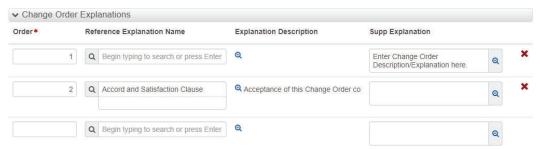


Figure 8-13. Change Order General with Clause

iv. Change Order: Prior Clause (Figure 8-14). Enter the next sequential value in the Order field, select the Prior Clause, and enter the following text in the Supp Explanation field: Change Order # will be generated to complete and finalize the quantities and associated payment. Replaced the # with the appropriate Change Order number that is associated with this Prior.



Figure 8-14. Change Order Prior with Clause

Important: General Change Orders must include the Accord and Satisfaction Clause as the last Change Order Explanation. Prior Change Orders must include the Prior Clause as the last Change Order Explanation.

- b. Increase/Decrease Items tab: Increase/Decrease Items
 - i. Under the Increase/Decrease Items section, click the Select Items button. (Figure 8-15)

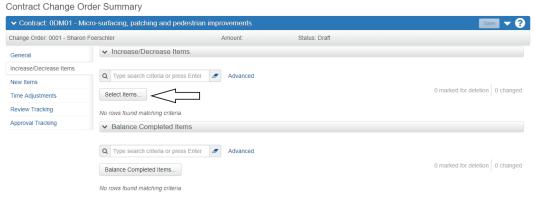


Figure 8-15. Increase/Decrease Select Items button

ii. Search for item(s) using Item Number, Keywords, or just hit Enter to bring up the full list. Once all items are selected, click the Add to Change Order button. (Figure 8-16)

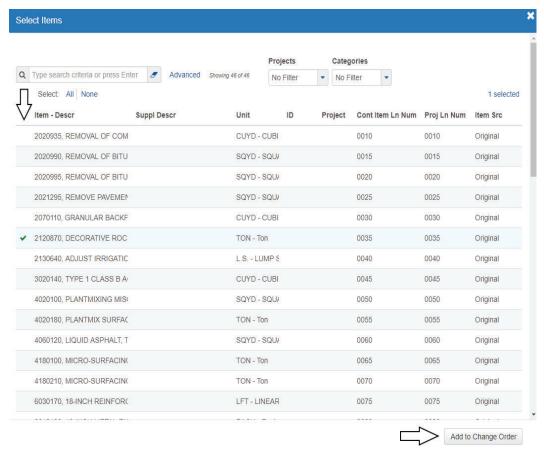


Figure 8-16. Increase/Decrease Item Selection

- iii. Enter the Quantity change for the item. (Figure 8-17) If more than 1 item was selected in the previous step, click the chevron on the item to expand the view and see the details.
- iv. In the Change Order Increase/Decrease Items Explanations area enter a value of 1 in the Order field (Figure 8-17), leave the Reference Explanation Name field blank, and enter a detailed description for the Increase/Decrease in the Explanation field.
- v. Click the Save button. (Figure 8-17)

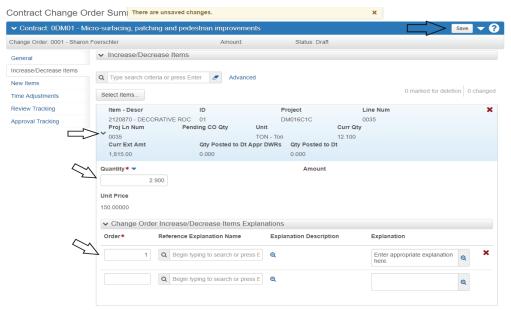


Figure 8-17. Increase/Decrease Item Details and Save

- c. **New Items tab: New Items** This is to add an item not originally associated to the contract, or a contract item with a new unit price.
 - i. Select the New Items tab. (Figure 8-18)

Contract Change Order

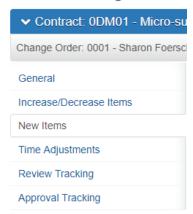


Figure 8-18. New Items Tab

ii. Under the New Items section, click the Select New Item button. (Figure 8-19)

Contract Change Order Summary

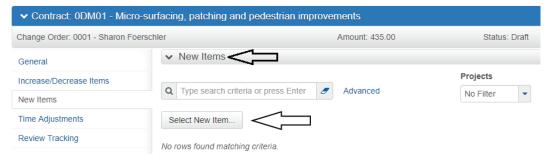


Figure 8-19. Contract Change Order Summary: New Item

iii. In the Items field, search for item(s) using Item Number, Keywords, or just hit Enter to bring up the full list. (Figure 8-20)

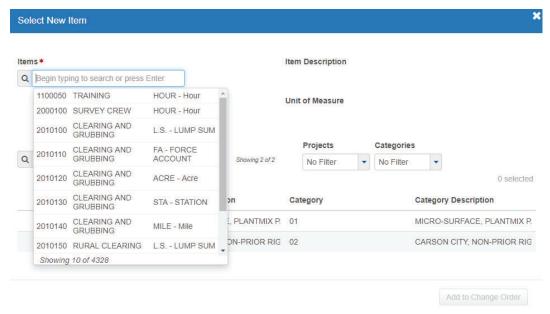


Figure 8-20. Select New Item Search box

iv. Select the Project(s) and Catgory(ies) the item will be associated to, then click the Add to Change Order button. (Figure 8-21)

Note: Make a note of the C1C, C2C or C3C of the Project/Category the item is getting added to. This information is needed in the next step.

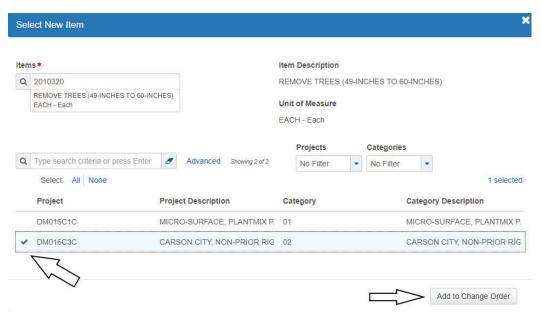


Figure 8-21. Select New Item

- v. Enter the following (Figure 8-23):
 - Quantity
 - **Funding** (Based on the funding set up on the contract. Use the Greement : C1C = State; C2C = Federal; C3C = Other)
 - Unit Price
 - Supplemental Description (required for all Negotiated Price items and 900XXXX and XXX9000 items)
 - Item Reason (Figure 8-22)



Figure 8-22. Item Reason Codes

- 00 Original Item Used when moving an original item from one category to another.
- CO Extra Work Additional items are being added to the contract...
- NP Negotiated Price Increasing or decreasing the unit price of an item.
- Contractor (ALWAYS the Prime Contractor)

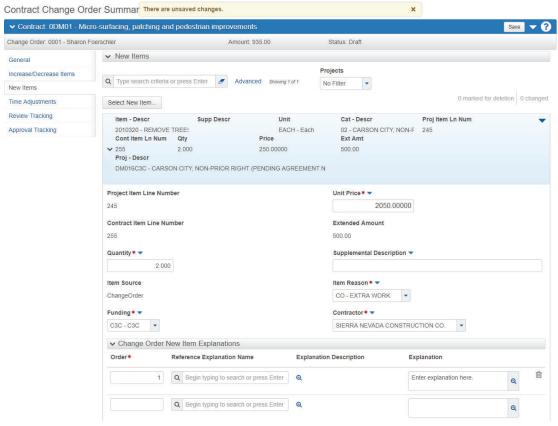


Figure 8-23. Contract Change Order Summary: New Item Detail

- If new item's price is obtained from the Integrated Project Development (iPD) system, add the following Change Order New Item Explanations. (Figures 8-24 and 8-25)
 - Enter the next sequential value in the Order field.
 - In the Reference Explanation Name field, hit enter and select Analysis of Agreed Price (Step 9.a.ii).
 - In the Explanantion field enter an explanation similar to this:

The average unit reasonable price of (Enter the new item's number and description here), is (enter the Average Price here) from the Integrated Project Development. A negotiated agreed unit price of (Enter the negotiated price here) was achieved.

The contractor and the Nevada Department of Transportation agree this negotiated agreed price is fair, equitable and reasonable.



Figure 8-24. Change Order New Item Explanations: Analysis of Agreed Price Example

Note: Additional text can be added to support the Analysis of Agreed Price. Use the Expand button (Figure 8-24) to edit the text in a larger area. Click the Apply button to save changes. (Figure 8-25)

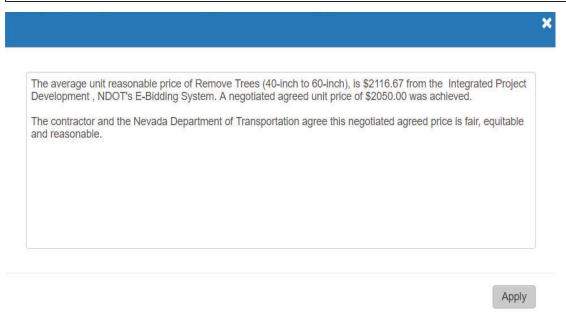


Figure 8-25. Change Order New Item Explanations: Analysis of Agreed Price Example Expanded

- If the new item's price is obtained from other sources, enter the following in the Change Order New Item Explanations area: (Figure 8-26)
 - Enter the next sequential value in the Order field.
 - Leave the Reference Explanation Name field blank.
 - Enter an appropriate description in the Explanation field. Reference cost justification as appropriate.

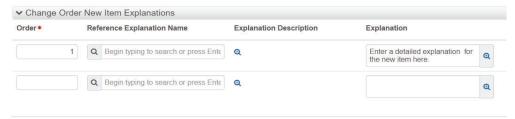


Figure 8-26. Change Order New Item Explanations

vi. Click the Save button. (Figure 8-27)



Figure 8-27. Contract Change Order Save button.

- vii. Verify the correct Funding was selected by comparing it to the Proj Descr in the item header (Figure 8-23). If the Funding and Proj Descr do not match, update the Funding field.
- viii. Click the Save button (Figure 8-27) if changes were made to the Funding field.

- d. **New Items tab: Contract Items** This is to add an original contract item (with original unit price) to another project/category where the item isn't currently associated.
 - i. Select the New Items tab. (Figure 8-31)
 - ii. Under the Contract Items section, click the Select Contract Items button. (Figure 8-31)

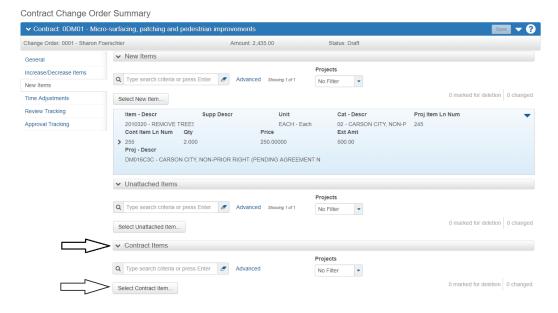


Figure 8-28. Contract Change Order Summary: Contract Item

iii. In the Items field, search for item(s) using Item Number, Keywords, or just hit Enter to bring up the full list. (Figure 8-32)

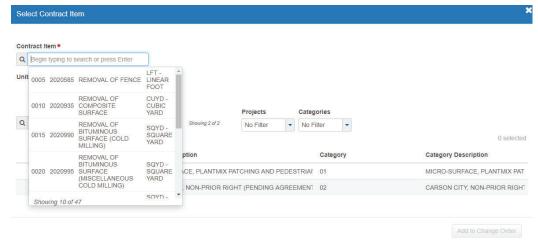


Figure 8-29. Select Contract Item Search box

iv. Select the Project(s)/Category(ies) the item will be associated to (only project(s)/category(ies) will display where the item isn't already associated), then click the Add to Change Order button. (Figure 8-33)

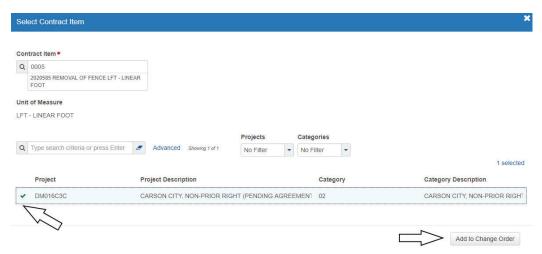


Figure 8-30. Select Contract Item

v. Follow the same steps as adding a new item to complete the Contract Item details. (Steps 9.c.v - 9.c.viii in this section, Figures 8-22 through 8-27)

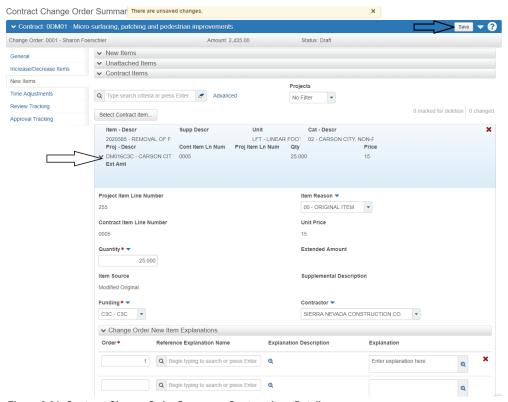


Figure 8-31. Contract Change Order Summary: Contract Item Detail

- vi. Click the Save button. (Figure 8-34)
- e. Time Adjustments tab

i. Select the Time Adjustments tab. (Figure 8-35)

Contract Change Order

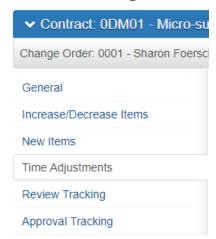


Figure 8-32. Time Adjustments tab

ii. Click the Select Contract Time button. (Figure 8-36)

Contract Change Order Summary



Figure 8-33. Time Adjustments Select Contract Time button

iii. In the search box, enter the Contract Time and hit enter on the keyboard, or click the Show first 10 hyperlink. (Figure 8-37)

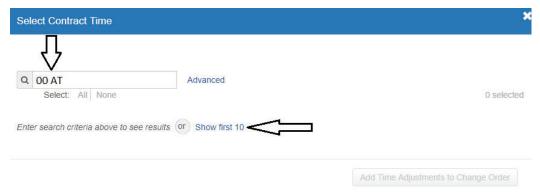


Figure 8-34. Select Contract Time

iv. Select the contract Time ID and then click the Add Time Adjustments to Change Order button. (Figure 8-38)

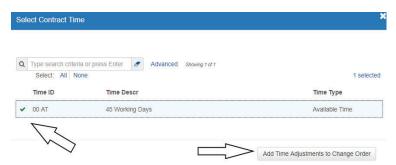


Figure 8-35. Select Contract Time with Search Results

v. Add or subtract working days in the Adjustment Time Units field. (Figure 8-39)

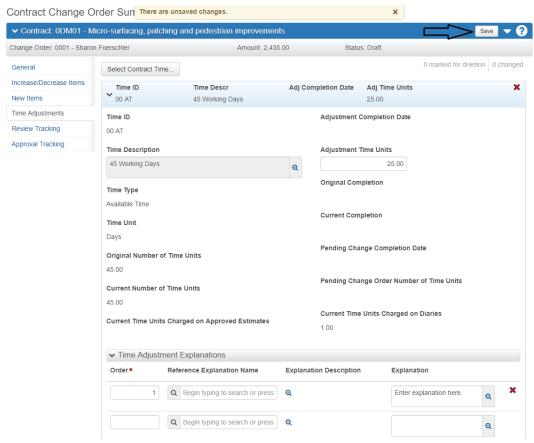


Figure 8-36. Contract Change Order Summary: Time Adjustment Details

- vi. Under the Time Adjustment Explanations section, enter Order number (starting with 1) and an Explanation explaining the time adjustment. (Figure 8-39)
- vii. Click the Save button. (Figure 8-39)
- f. **Review Tracking Tab:** This is the area where the appropriate Assistant Construction Chief and Construction Admin staff are REQUIRED to be added for the Change Order review process. The Change Order cannot be approved until both of the Reviewers have Approved their reviews.

i. Select the Review Tracking tab. (Figure 8-40)

Contract Change Order

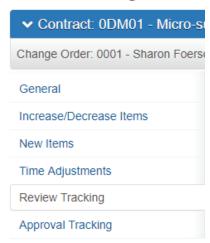


Figure 8-37. Contract Change Order Summary: Review Tracking tab

ii. Click the Select Reviewers button. (Figure 8-41)

Contract Change Order Summary



Figure 8-38. Review Tracking: Select Review button

iii. Using the Search box, type in the name of the appropriate Construction Administration's Staff 2 and click the User Name to select them. (Figure 8-42)

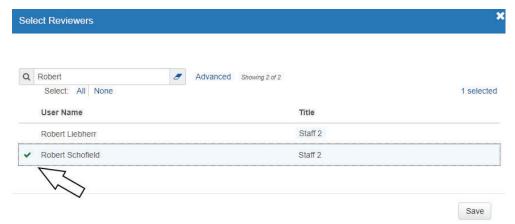


Figure 8-39. Select Reviewers: Construction Administration's Staff 2

iv. In the same screen, using the Search box, delete previous entry and type in the name of the appropriate Assistant Construction Engineer. Then click the User Name to select them. (Figure 8-43)



Figure 8-40. Select Reviewers, Construction Administration's Assistant Chief

v. The upper right corner of the screen now shows 2 selected. Click the Save button. (Figure 8-44).

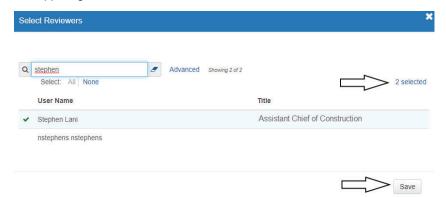


Figure 8-41. Select Reviewers Save Button

Note: At this point the selected Reviewers will receive an email notifying them that the Change Order is ready to review. They will perform a review of the Change Order and Reject or Approve the review.

Note: If the Change Order review is Rejected by either of the Reviewers the Change Order automatically gets set to a 'Rejected' status. It must be set back to a 'Draft' status by the Crew Office so updates can be completed. Follow the steps in the Section, Setting a Change Order Back To a Draft Status, in this Chapter.

Note: If the Change Order review is Approved by both Reviewers the Change Order automatically advances to the 'Pending Approval' status. Follow the steps in the Section, Change Order Report Generation, in this Chapter to complete the Change Order process.

g. Approval Tracking tab: NDOT will not be utilizing this screen. It is informational only, due to the signature process remaining outside of AWP. (Figure 8-45)

8

Contract Change Order Summary

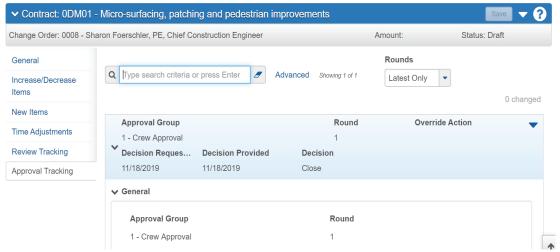


Figure 8-42. Contract Change Order: Approval Tracking Tab

SETTING A CHANGE ORDER BACK TO A DRAFT STATUS

If a Change Order review has been Rejected or a Change Order needs to be edited after it is in a Pending status (Pending Review or Pending Approval) it must be set back to a 'Draft' status so updates can be completed.

- 1. Navigate to the Contract's Change Order tab (See Section, Steps To Create a Change Order, Steps 1 5 in this Chapter).
- 2. Go to the Change Order Component Actions Menu and select Change to Draft. (Figure 8-46)

Contract Change Order Summary



Figure 8-43. Set Change Order to Draft

3. Make the appropriate updates to the Change Order and click the Save button. (Figure 8-47)

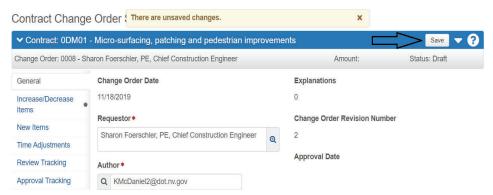


Figure 8-44. Change Order Save Button

4. The Review Process must be completed again so the Change Order can advance to the 'Pending Approval' status. Click the Review Tracking Tab. (Figure 8-48)

Contract Change Order

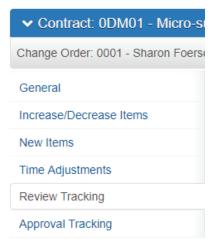


Figure 8-45. Contract Change Order Summary: Review Tracking tab

5. Click the Select Reviewers button. (Figure 8-49)

Contract Change Order Summary

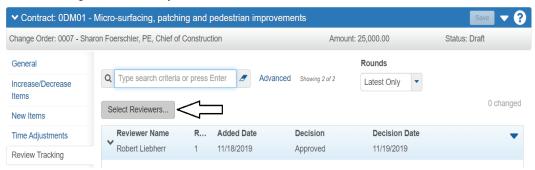


Figure 8-46. Review Tracking: Select Review button

6. Using the Search box, type in the name of the appropriate Construction Administration's Staff 2 and click the User Name to select them. (Figure 8-50)

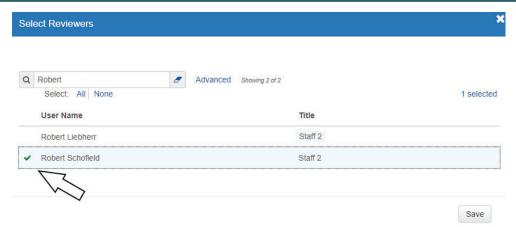


Figure 8-47. Select Reviewers: Construction Administration's Staff 2

7. In the same screen, using the Search box, delete previous entry and type in the name of the appropriate Assistant Construction Engineer. Then click the User Name to select them. (Figure 8-51)



Figure 8-48. Select Reviewers, Construction Administration's Assistant Chief

8. The upper right corner of the screen now shows 2 selected. Click the Save button. (Figure 8-52).

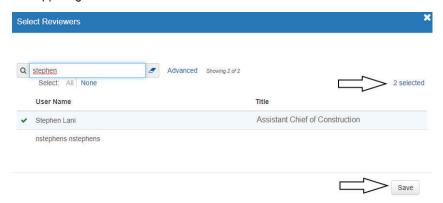


Figure 8-49. Select Reviewers Save Button

Note: At this point the selected Reviewers will receive an email notifying them that the Change Order is ready to review again. They will perform a review of the Change Order and Reject or Approve the review.

Note: Each time a Change Order is set back to a Draft status and updates are done, the Review Tracking process MUST be completed.

CHANGE ORDER REPORT GENERATION

When a Change Order is in a status of Pending Approval (both Reviewers have Approved their review) it is ready to have the Change Order report generated and saved to the appropriate EDOC Contract Files directory so it can be routed through DocuSign for signatures.

- 1. Navigate to the Contract's Change Order tab (See Section, Steps To Create a Change Order, Steps 1 5) in this Chapter.
- 2. Click the Contract Change Order Component Actions Menu drop-down and select Change Order Report under Reports. (Figure 8-53)

Contract Change Order Summary

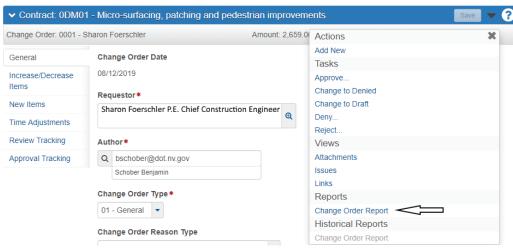


Figure 8-50. Contract Change Order Component Row Action Drop-down

3. Accept all default values and click the Execute button. (Figure 8-54)



Figure 8-51. Contract Change Order Generate Report - Change Order Report

4. The Change Order Report opens in a new browser window. (Figure 8-55)

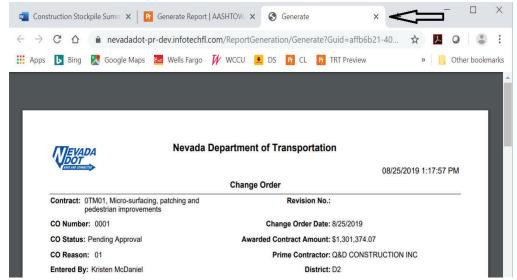


Figure 8-52. Change Order Report

- 5. Print the Change Order Report to a PDF file, following the browser print options, and save to the appropriate EDOC Contract Files\Contract Files\Division No. 5 Change Orders directory.
- 6. Close the browser tab.
- 7. Click the Previous button to return back to the Change Order. (Figure 8-56)



Figure 8-53. Previous Button

8. Route the Change Order Report for signatures via DocuSign, according to Chapter 3 of the Documentation Manual.

APPROVING A CHANGE ORDER

Once a Change Order has been routed through DocuSign for the required approval signatures it needs to be Approved in AWP to process related payments.

Note: The following steps can only be completed after the signed (executed) Change Order has been received from DocuSign and is saved to the appropriate EDOC Contract Files\Division No. 5 - Change Order directory.

- 1. Navigate to the Contract's Change Order tab (See section, Steps To Create a Change Order, Steps 1 5 in this Chapter).
- 2. Select the Change Order to approve and click the CO Num hyperlink. (Figure 8-57)

Contract Progress Summary

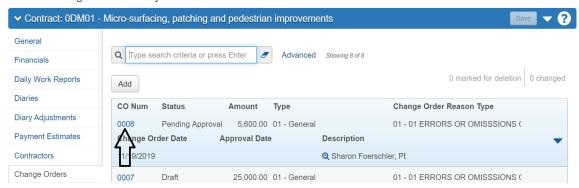


Figure 8-54. Contract Progress Summary, Change Order List

3. Go to the Contract Change Order Summary Component Row Actions drop-down and click Attachments. (Figure 8-58)

Contract Change Order Summary

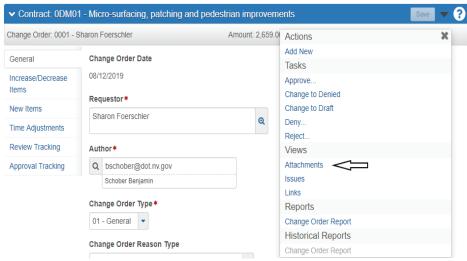


Figure 8-55. Contract Changer Order Summary Row Actions Drop-down

4. Click the Select File button. (Figure 8-59)



Figure 8-56. Attachments For Change Order Select File Button

5. Go to the appropriate EDOC Contract Files\Contract Files\Division No. 5 - Change Orders directory and select the packet containing the appropriate supporting documentation. In the case of a General Type Change Order, the only file that will be attached to the Change Order is the DocuSign packet containg the Cover Letter and Executed AWP Change Order. In the case of an Administrative, Type Change Order, the only file that will be attached is the Executed AWP Change Order. Refer to the AWP

Documentation Manual, Chapter 3, Change Orders and Letters of Authorization, Section, Change Order Execution Workflow for details. Then click the Open button. (Figure 8-60)

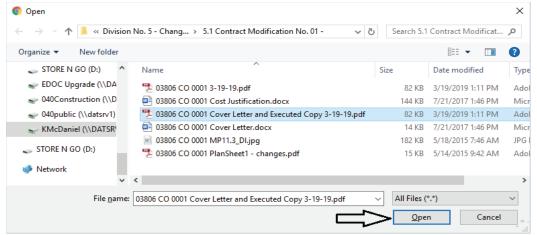


Figure 8-57. Contract Change Order Attachments File Selection Window

6. Enter a Description and click the Save button. (Figure 8-61)



Figure 8-58. Contract Change Order Attachment Comment and Save

7. To navigate back to the Change Order, click the Previous button. (Figure 8-62)



Figure 8-59. Previous Button

8. In the Contract Change Order Component Actions Menu, select Approve.... (Figure 8-63)

Contract Change Order Summary

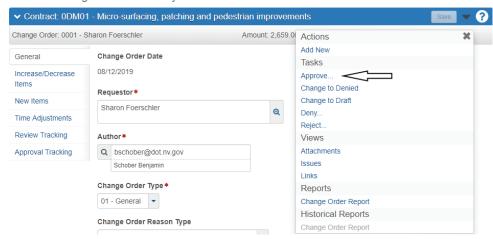


Figure 8-60. Approving a Contract Change Order

Important: If the Approved Change Order added a new bid item and/or increased an existing bid and the item(s) Current Extended Amount (current quantity x item unit price) is \$50,000 or more then the item(s) MUST be marked as a Major item. Refere to Chapter 4, Contract Items, Section, Marking a Contract Item As a Major Item, in this user guide for details.

DELETING OR DENYING A CHANGE ORDER

A Change Order can be deleted only if it is the last Change Order created and it is in Draft status. If a Change Order is NOT the last one created but it is no longer needed it can be Denied, it will be shown with a Denied status and the Change Order number will NOT be re-used. A Change Order can be Denied from any status (Draft, Pending Review and Pending Approval).

DELETE A CHANGE ORDER

- 1. Navigate to the Contract's Change Order tab (See section, Steps To Create a Change Order, Steps 1 5 in this Chapter). It must be the last Change Order created.
- 2. In the Change Order Row Actions Menu, select Delete. (Figure 8-64)

Contract Progress Summary

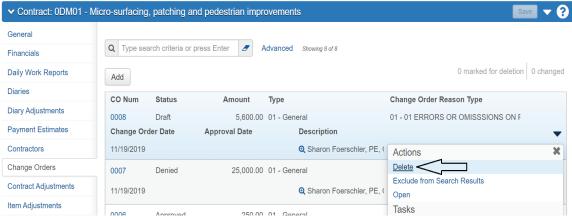


Figure 8-61. Change Order Delete

3. Click the Save button. (Figure 8-65)



Figure 8-62. Contract Progress Summary Save Button

DENYING A CHANGE ORDER

- 1. Navigate to the Contract's Change Order tab (See section, Steps To Create a Change Order, Steps 1 5 in this Chapter).
- 2. Select the Change OrderRow Actions Menu on the Change Order that is no longer needed, then select Change to Denied. (Figure 8-66)

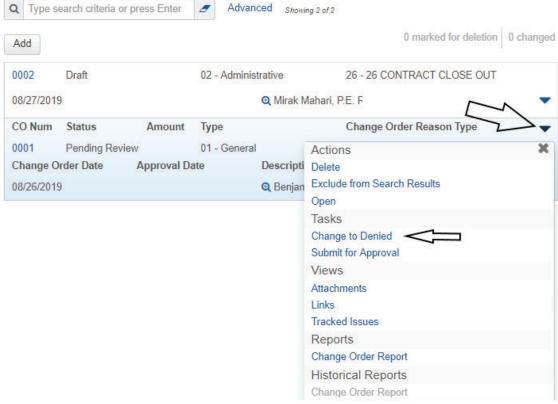


Figure 8-63. Change Order Row Actions Menu

3. Click the Save button. (Figure 8-67)



Figure 8-64. Contract Progress Summary Save Button