## Fund Encumbrances

When a Contract has been officially approved, the funds to cover the Contract amount have been encumbered. This encumbrance is a legal process governed by State laws to ensure money has been designated or set aside to pay the Contractor. The Engineer cannot issue a partial payment until the Office of Construction & Innovative Contracting (OCIC) downloads the original encumbrance to the field, and it is entered into the field computer application. This original encumbrance download will be made approximately three working days after Contract approval.

In addition to the original encumbrance, the following conditions may need the encumbrance of additional funds.

#### 1. Supplemental Agreement (SA)

SA funds are encumbered at the time the agreement is approved in the Central Office. Funds are encumbered by group number, thus the Engineer must take care to ensure the proper distribution of funds on the SA and in subsequent requests for funds to cover over-runs on the agreement. Any additional encumbrance for overruns, claims, etc. because of work performed under the SA is addressed below.

# 2. Anticipated Overrun in Contract Items

The Engineer should review all pay items in the Contract, SAs and Work Orders for Minor Extra Work (WO-MEW) for over-runs and under-runs when the certified value of work completed on a partial estimate voucher is equal to 80 percent of the total encumbrance to date. The Engineer should then estimate the final amount of each pay item. If the estimate indicates that the amount encumbered is inadequate to make final payment to the Contractor, the Engineer must submit a request for encumbrance to the OCIC Contract Administration Engineer, or the District State Aid Engineer, as appropriate, sufficient to meet the estimated value of the final payment for each pay group. The OCIC Contract Administration Engineer or District State Aid Engineer will review and approve prior to submitting it to the Department of Finance for encumbrance of additional funds.

The Engineer must list the amount to be encumbered by group in the request for encumbrance. Pay Items documented by Change Order, Work Order-Minor Extra Work, and Back Sheet Item entries are considered overruns and must be included in the request for encumbrance. The Engineer may submit as many requests for encumbrance as are needed.

## Fund De-encumbrances

When the Contract work is completed, the Engineer should review the final quantities and determine the amount of excess encumbered funds, if any. When the final voucher is received from the Contractor, or the 90-day clock has expired, whichever comes first, a de-encumbrance of any excess funds should be made in the same manner as described for encumbering.

# Partial Payment Process

In accordance with Standard Specification 1906, "Partial Payments," at least once a month at regular intervals, the Engineer will prepare an estimate of the value of the work completed or substantially

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completed for each Contract item, less an amount adequate to cover contingencies and costs still to be incurred. Partial payments may be withheld from the Contractor if any required documents in the Contract are delinquent or for other causes discussed in Specification 1906 "Partial Payments."

A partial payment cannot be made if the amount of the voucher exceeds the amount encumbered to date. When needed, the Engineer must encumber additional funds following the procedures outlined previously in this section.

Note: Notify the Contract Administration Supervisor in OCIC when there is a partial payment voucher that shows a minus dollar figure (Credit owed the State.)

The Project Engineer/Supervisor will review the voucher prior to approving it. By approving the voucher, the Project Engineer/Supervisor is certifying that Work has been done in accordance with the Specifications and that the quantities or work is a fair estimate of work performed.

#### Item Record Accounts (IRAs)

Partial payments to Contractors are made based on the pay item quantities that the Engineer has entered on to the IRAs contained in the field computer application. The IRA provides the Engineer with the ability to electronically record and track daily pay item quantity entries as they are measured, documented, and become eligible for payment.

## Original Contract Pay Item IRAs

At the time of Contract award, a complete set of IRAs is downloaded to the field computer application. This original download includes one IRA for each original Contract pay item for each funding split or Group included in the Contract. The Engineer can immediately make entries and keep track of quantities on these IRAs prior to Contract approval.

#### Back Sheet Pay Item IRAs

Back sheet pay items are those Contractual payments provided for by the Standard Specifications, Plans, or Special Provisions, excluding Contract bid Items and Supplemental Agreement pay items. Back Sheet pay items IRAs are not included in the original Contract pay item download; the Engineer must create the IRAs for Back sheet payments in the field computer application.

The following are examples of back sheet payments or deductions and authorizations:

- Credit (Deduction) for out of tolerance Curb & Gutter in accordance with Standard Specification 2531K1 "Workmanship and Finish."
- Items for additional traffic control that may be required as per Special Provision S- .
- Deduction taken for failing aggregate as authorized by memo from Mn/DOT Bituminous Office.

#### Material on Hand (MOH) Payments

In accordance with Standard Specification 1906 "Partial Payments," a payment will be made for acceptable material produced or furnished for incorporation as a permanent part of the work to be completed.

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In case any Vendor claims against the Contractor (for materials so paid for) remain unsatisfied for more than 30 days following issuance of the partial payment voucher to the Contractor, the applicable payment may be canceled on the next partial estimate.

The required invoice, billing, title, or assignment documents furnished by the Contractor shall contain complete material description and identification data.

Raw materials stockpiled at production plants or fabrication sites must be stored separately to qualify for partial payment and shall be used only for the assigned Contract.

No MOH payment will be made for living plant materials until planted. [Note: payment of certain percentages of the bid amount for plants can be made under the provisions of *Standard Specification* 2571.5 "Basis of Payment" (e.g. up to 10% payment can be made upon satisfactory completion of Preparatory Work etc.)]

MOH will be paid for as a Back Sheet Item. MOH payments will not be combined or "lumped together" as one MOH payment covering several pay items. (E.g.: Stockpile for Aggregate Shoulder Class 3, Structural Steel Beams and 12 inch Reinforced Concrete Culvert requires three separate MOH payments.)

The Engineer is responsible for monitoring all MOH payments to ensure that payment for such materials is appropriately reduced from the pay voucher as the actual pay items represented by the MOH are being placed and paid for under the Contract items.

# MOH payments for Contractor produced materials

The Engineer determines the amount of the MOH payment for those materials produced by the Contractor. The Engineer may request the Contractor to submit an itemized list showing the cost of producing the material, or use the following table as a guide, but in no case will the partial payment exceed the value of work it will be used in.

Item	Percent of Item Unit Bid Price
Aggregate Surfacing	40% in stockpile in pit
Aggregate Base	or
Aggregate Shouldering	65% in stockpile on project
2461 Concrete Sand	\$3.75 Ton at batch plant
	\$5.25 CY at batch plant
	\$2.00 Ton at producing plant
	\$2.80 CY at producing plant
2461 Concrete Coarse Aggregate	\$6.25 Ton at batch plant
	\$8.75 CY at batch plant
	\$4.25 Ton at producing plant
	\$5.95 CY at producing plant
2331, 2341 Bituminous Aggregate	12% in stockpile in pit
	20% in stockpile on project
	Aggregate Surfacing Aggregate Base Aggregate Shouldering Concrete Sand  Concrete Coarse Aggregate

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# Fuel Cost Escalation

- 1. A Fuel Cost Adjustment payment to the Contractor will be made as a lump sum each payment period based on the last published CFI.
- 2. A Fuel Cost Adjustment credit to the Department will be deducted as a lump sum each payment period from any monies due the Contractor.
- 3. Upon completion of the work under the Contract, any difference between the estimated quantities previously paid and the final quantities will be determined.
- 4. The CFI in effect on the day of completion of the Contract will be applied to the quantity differences in accordance with the procedures set forth above.
- 5. Only items shown in the 1910 Fuel Escalation Clause in the Special Provisions of the Contract will be considered for compensation adjustments.

Credit or additional payment will be computed as follows:

- 1. The Engineer will estimate the quantity of work done in that month under each of the Contract items listed in the 1910 Fuel Escalation clause in the Special Provisions of the Contract.
- 2. The Engineer will compute the gallons of fuel used in that month for each of the Contract items listed in the 1910 Fuel Escalation clause in the Special Provisions of the Contract by applying the unit fuel usage factors shown.
- 3. The Engineer will summarize the total gallons (Q) of fuel used in that month for the applicable items.
- 4. The Engineer will determine the Fuel Cost Adjustment (FCA) from the formulas as shown in the 1910 Fuel Escalation clause in the Special Provisions of the Contract.

Escalation for other items will only be allowed as provided for by the Contract.

#### Partial Estimate

After quantities have been entered, the Engineer may print a partial estimate. It is wise to create a Draft Partial Estimate for review by the Engineer and the Contractor prior to creating the "hard copy" partial estimate. This will allow the Engineer to make adjustments in quantities before submitting to Central Office Construction for payment.

After printing the voucher, the Engineer will sign the signature page and submit it with the front face of Partial Estimate Voucher to:

MN/DOT OCIC Attention: Estimate Section MS 650 395 John Ireland Blvd St Paul MN 55155

#### OR

Scan the front face of the Partial Estimate and the signed signature sheet and send to: CPG.DOT@state.mn.us.

Include the S.P. number, Contract number, and voucher number in the subject line.

The Estimate Section then checks the voucher for accuracy prior to submitting it to the Mn/DOT Office of Finance for payment. If the voucher is not payable as submitted, the Engineer is notified immediately of any corrective action necessary.

## PAYMENT FOR SURPLUS MATERIAL

Pay for surplus materials made in accordance with Specification 1907 "Payment for Surplus Materials." Mark payments as nonparticipating for all Federal-aid projects

See Section 5-591.500 for FINAL ESTIMATE AND PAYMENT PROCESS