



FINAL DRAFT MINUTES

March 21, 2024, Standards Committee Meeting

(Changes to the Agenda by the Action of the Committee shown as highlighted yellow.)

April 12, 2024

TO: Standards Committee

FROM: Scott Trammell, Secretary

RE: Minutes from the March 21 Standards Committee Meeting

The Standards Committee virtual (via Microsoft Teams) meeting was called to order by Mr. Pankow, Chair, at 09:00 a.m. on Thursday, March 21. The meeting was adjourned at 09:36 a.m.

The following committee members were in attendance:

Pankow, Gregory, Chairman, Director, Construction Management
Boruff, Dave, Traffic Engineering
Dave, Kumar, Pavement Engineering
Pelz, Kurt, Construction Technical Support
Novak, Joseph, Construction Management
Koch, Mike, District Construction, Fort Wayne District
Orton, Mark, Highway Engineering
Rearick, Anne, Bridge Management
Jacobs, David*, Materials and Tests
White, Peter, Bridge Engineering
Wooden, John, Contract Administration
*Proxy for Reilman, Jim

Also, the following attendees were present:

Aguirre, Frank, INDOT
Awwad, Nathan, INDOT
Blanchard, Jacob, INDOT
Barney, Bruce, INDOT
Bruno, Joseph, INDOT
Douthett, Karen, INDOT
Duncan, Steve, INDOT
Duncan, Thomas, FHWA

Kachler, Mischa, INDOT
Lamkin, Sara, INDOT
Mouser, Elizabeth, INDOT
Osborn, Dan, ICI
Perugu, Kshitija, INDOT
Podorvanova, Lana, INDOT
Powell, Traci, INDOT
Shi, Runfa, INDOT

Feutz, Douglas, INDOT
Fisher, Steve, INDOT
Hailat, Mahmoud, INDOT
Harris, Tom, INDOT
Hauser, Derrick, INDOT

Smart, Steve, guest
Smutzer, Katherine, INDOT
Thornton, Donald, INDOT
Trammell, Scott, INDOT
Triska, Brian A., guest

The following items were listed for consideration:

A. GENERAL BUSINESS

OLD BUSINESS (No items were listed)

NEW BUSINESS

1. Approval of the Minutes from the [February 15, 2024](#), meeting

Mr. Pankow requested a motion to approve the Minutes from the February 15 meeting.

Motion: Mr. Pelz
Second: Mr. Novak
Ayes: 10
Nays: 0

ACTION: PASSED AS SUBMITTED

B. CONCEPTUAL PROPOSAL

(No items were listed)

C. STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND STANDARD DRAWINGS PROPOSAL

OLD BUSINESS (No items were listed)

NEW BUSINESS

[Item No. 1](#) [Mr. Novak](#) [pg. 3](#)

Recurring Special Provision:
801-T-XXX

MOBILE BARRIERS

ACTION: PASSED AS REVISED

[Item No. 2](#) [Mr. Novak](#) [pg. 10](#)

Recurring Special Provision:
109-C-279

IDIQ WORK ORDERS

ACTION: PASSED AS SUBMITTED

cc: Committee Members
FHWA
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PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The Industry has begun to make Mobile Barriers available for use on highway construction contracts on interstates and freeways to improve safety for certain work types in highly congested areas. In order to allow incorporation of Mobile Barriers on contracts, a pay item and an RSP defining the requirements are needed.

PROPOSED SOLUTION: Create an RSP with requirements on Mobile Barrier equipment and construction requirements for implementation. In addition, standard drawings for MOT setups will also be included at a later date with the work zone placement shown for various traffic control scenarios and work durations.

APPLICABLE STANDARD SPECIFICATIONS: 801

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: N/A

APPLICABLE RECURRING SPECIAL PROVISIONS: N/A

PAY ITEMS AFFECTED: NEW ITEM.....Mobile Barrier Budget

APPLICABLE SUB-COMMITTEE ENDORSEMENT: Ad Hoc Committee of Karen Douthett, Chris Reynolds, Katherine Smutzer, Mischa Kachler, and Jacob Blanchard.

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE:
As determined necessary by LaPorte District Construction with required approval by the State Construction Engineer. *Contracts with the pay item 801-XXXXX Mobile Barrier Budget shall also include the pay item 801-12042 Truck Mounted Attenuator and RSP 801-T-227.*

IMPACT ANALYSIS (attach report):

Submitted By: Joe Novak
Title: State Construction Engineer
Organization: INDOT
Phone Number: 317-501-7805
Date: 2/19/24

IMPACT ANALYSIS REPORT CHECKLIST

Explain the business case as to why this item should be presented to the Standards Committee for approval. Answer the following questions with Yes, No or N/A.

Does this item appear in any other specification sections? No

Will approval of this item affect the Approved Materials List? No

Will this proposal improve:

Construction costs? No

Construction time? No

Customer satisfaction? No

Congestion/travel time? Yes

Ride quality? No

Will this proposal reduce operational costs or maintenance effort? No

Will this item improve safety:

For motorists? Yes

For construction workers? Yes

Will this proposal improve quality for:

Construction procedures/processes? No

Asset preservation? No

Design process? No

Will this change provide the contractor more flexibility? Yes

Will this proposal provide clarification for the Contractor and field personnel? No

Can this item improve/reduce the number of potential change orders? No

Is this proposal needed for compliance with:

Federal or State regulations? No

AASHTO or other design code? No

Is this item editorial? No

Provide any further information as to why this proposal should be placed on the Standards Committee meeting Agenda: N/A

REVISION TO SPECIAL PROVISIONS

801-T-xxx MOBILE BARRIERS (PROPOSED NEW)

801-T-XXX MOBILE BARRIERS

(Adopted xx-xx-24)

Description

This work shall consist of furnishing, installing, moving, and maintaining a work zone mobile barrier in accordance with 105.03. The mobile barrier shall be used to provide positive protection for workers in mobile, short, and intermediate duration work zones as specified or as directed.

Materials

The mobile barrier shall ~~include or meet~~ *be in accordance with* the following criteria:

1. Integrated, rigid wall, barrier trailer that can be used in conjunction with a standard semi-tractor.
2. Standard semi-tractor.
3. Integrated work lighting and beacons.
4. Rear facing programmable flashing arrow sign or PCMS in accordance with 801.15.
5. Truck mounted attenuator, TMA, attached that meets the requirements of MASH or NCHRP 350 Test Level 3 or higher.
6. Mobile barrier meeting the requirements of MASH or NCHRP 350 Test Level 3 or higher.
7. Provide variable length work zone protection with a minimum trailer length of ~~62~~ *62 ft* and up to a maximum of ~~102~~ *102 ft*, not including the length of the TMA or the semi-tractor.
8. Capable of being configured to protect the right or left side of the road.
9. Colored safety yellow.
10. Have side-marker lights mounted along the barrier trailer.
11. Have vehicle warning lights in accordance with 801.14(d).

A copy of the ~~crash test report~~ *FHWA eligibility letter* confirming the product is NCHRP 350 or MASH compliant for the test level specified, ~~or a copy of the FHWA eligibility letter,~~ shall be furnished to the Engineer prior to utilization.

Construction Requirements

~~The mobile barrier shall be used in accordance with 801.03, the Indiana Manual of Uniform Traffic Control Devices, MUTCD, the standard drawings, and the manufacturer's recommendations. Mobile barrier maintenance of traffic shall be in accordance with the standard drawings for the applicable work duration as defined in the MUTCD section 6C.02~~ *The mobile barrier shall be used in accordance with the manufacturer's recommendations to ensure each unit is deployed in a manner which meets the requirements of the crash test report and FHWA eligibility letter. Temporary traffic control for mobile barrier operations shall be in*

REVISION TO SPECIAL PROVISIONS

801-T-xxx MOBILE BARRIERS (PROPOSED NEW)

accordance with 801.03, the MUTCD, and as shown on the plans for the applicable work duration period as defined in the MUTCD.

A mobile barrier shall only be used within a mobile operation, a short-term duration lane closure, or an intermediate duration lane closure. The mobile barrier maintenance of traffic shall be under the supervision and direction of the certified worksite traffic supervisor, ~~(CWTS)~~, in accordance with 801.03. All mobile barrier materials shall be in good working condition. The mobile barrier shall be in place prior to beginning work and remain in place while workers are present.

If relocation of the mobile barrier requires movement of the mobile barrier into the only open lane of traffic, a traffic break may be implemented when approved by the Engineer in accordance with 801.16(c). ~~Traffic breaks on the interstate shall be in accordance with the Interstate Highways Congestion Policy and shall have an approved exception request if required.~~

The mobile barrier shall be placed in the work zone as a semi-tractor/trailer combination for the duration of use. Trailers shall not be dropped off in the work zone with a semi-tractor and picked up at a later time after work is complete.

Shadow vehicles shall be used while positioning the mobile barrier and throughout mobile barrier work operations as the work progresses *as shown on the plans*. Shadow vehicles shall be located in each closed traffic lane and shoulder greater than 8 ft in width ~~in accordance with the MUTCD and the mobile barrier standard drawings.~~

Shadow vehicles shall be positioned a sufficient distance in advance of the work area, workers, or equipment to reduce the severity of rear end collisions from errant vehicles, but not so far in advance that errant vehicles can travel around the shadow vehicle and endanger the workers or equipment. An additional shadow vehicle shall be provided where the gap between the shadow vehicle and work area, workers, or equipment exceeds the roll ahead distance required by the manufacturer's recommendations.

Shadow vehicle equipment shall include the following:

- TMA~~s~~ as specified *hereinelsewhere in the contract*.
- Flashing arrow signs in accordance with 801.15.
- Vehicle warning lights in accordance with 801.14(d).

Method of Measurement

Mobile barriers will be measured by the number of days that each unit is deployed. A day for the purpose of payment is a *12-hour* continuous period. Additional time will be measured in 1/12 day, ~~(1 hour)~~, increments. Each deployment shall be at a minimum duration of *4 hours* ~~4 hours~~ for each mobile barrier in use.

Basis of Payment

The Department will include the pay item Mobile Barrier Budget, with an established dollar amount, in the proposal to pay for all mobile barrier work. This established amount is the Department's estimate of the total cost of the mobile barrier work required to be performed on the contract. The established amount shown in the proposal is included in the

REVISION TO SPECIAL PROVISIONS

801-T-xxx MOBILE BARRIERS (PROPOSED NEW)

total bid amount. The Department will pay for mobile barriers with an established price per day for each unit. If the mobile barrier work exceeds the Department's estimated amount, the additional mobile barrier work shall be explained and submitted as a request to the Engineer. The additional work will be reviewed for acceptance in accordance with 104.03 except that the additional mobile barrier work will be paid for at the pre-determined established price.

The accepted quantity of mobile barriers will be paid for at the established unit price per day per each. Payment will be made only once for each day of use, regardless of the number of times the mobile barriers are moved. The established unit price per day for each mobile barrier will be \$5,000.

Payment will be made under:

Pay Item	Pay Unit Symbol
Mobile Barrier Budget.....	DOL

The cost of furnishing the truck, trailer, operator, integrated work lighting, flashing arrow board-signs or PCMS, and attached TMAs shall be included in the cost of the pay item. No additional payment will be made for maintenance, repairs, or replacement of the mobile barriers or components that are damaged or become inoperable. The cost of mobilize mobilization and demobilize demobilization to and from the work site each day including utilizing maintenance of traffic measures required to place the mobile barriers in the traffic lane with each setup shall be included in the cost of the mobile barrier.

Payment for shadow vehicles required by the MUTCD or the standard drawings to be used in conjunction with the mobile barriers for a mobile operation, short-term duration, or intermediate duration traffic control setup will be paid for separately as Truck Mounted Attenuator's at the contract unit price per day for each unit, as specified.

FINAL

COMMENTS AND ACTION

801-T-xxx MOBILE BARRIERS (proposed new)

DISCUSSION:

This item was introduced and presented by Mr. Novak, who stated that Industry has begun to make Mobile Barriers available for use on highway construction contracts on interstates and freeways to improve safety for certain work types in highly congested areas. In order to allow incorporation of Mobile Barriers on contracts, a pay item and an RSP defining the requirements are needed.

Mr. Novak proposed to create an RSP with requirements on Mobile Barrier equipment and construction requirements for implementation. Standard drawings for MOT setups will also be included, at a later date, with the work zone placement shown for various traffic control scenarios and work durations.

Minor revisions proposed by Mr. Blanchard are as shown.

Responding to an inquiry by Mr. Koch, and Ms. Smutzer, Mr. Novak stated that we are still in the pilot stage with this and need to be cautious about requiring it or even allowing it in a contract. This limitation was also requested by ICI. I originally just had myself in the BFU but found out from another unrelated RSP that requirement was once overlooked (I found out only because it resulted in a claim) so wanted to make it clear about limiting use. Obviously in the long-term, the BFU will need to change to get me out of the middle. This is really a glorified USP right now – just going with an RSP so it doesn't take on a life of its own.

Mr. Duncan, FHWA, asked how we plan to prove it meets MASH.

Mr. Blanchard responded that the barriers do have the required testing. It does seem like there's primarily 1 manufacturer for the mobile barriers, but they do have the required testing done for MASH and NCHRP 350. We would want the Contractor to just present that to us when it's on site.

Mr. Novak also mentioned that there are standard drawings that forthcoming for this.

Mr. Jacobs asked about, where it says copy of the crash test, if this should be modeled after on how we do Type 2 and Type 4 traffic barriers in 801.10, where those two specifications infer that the Federal Highway eligibility letter contains the MASH or NCHRP 350, and if we need to specify both.

Mr. Blanchard responded that we're trying to write it in a way that we allow both the existing manufacturer and potential future manufacturers to be able to present the crash test results or the eligibility letter and be qualified for use in Indiana. After further discussion, the crash test report language was struck, as shown. Other minor editorial revisions were also incorporated.

A minor discussion ensued between Mr. Triska and Mr. Blanchard concerning crash testing of TMAs and the Mobile barriers, and it was determined that those items will be handled separately.

Mr. Novak revised his motion. There was no further discussion and this item passed as revised.

[CONTINUED ON NEXT PAGE]

COMMENTS AND ACTION

801-T-xxx MOBILE BARRIERS (proposed new)

[CONTINUED]

<p>Motion: Mr. Novak Second: Mr. Boruff Ayes: 10 Nays: 0 FHWA Approval: YES</p>	<p>Action:</p> <p><input type="checkbox"/> Passed as Submitted <input checked="" type="checkbox"/> Passed as Revised <input type="checkbox"/> Withdrawn</p>
<p>2024 Standard Specifications Sections: 801 begin pg. 801.</p> <p>Recurring Special Provisions or Plan Details: NONE</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p>	<p>2026 Standard Specifications</p> <p><input checked="" type="checkbox"/> Revise Pay Items List</p> <p><input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP</p> <p><input checked="" type="checkbox"/> Create RSP (No. 801-T-xxx) Effective: September 1, 2024</p> <p><input type="checkbox"/> Revise RSP (No. __) Effective:</p> <p><input type="checkbox"/> Standard Drawing Effective:</p> <p><input type="checkbox"/> Create RPD (No. __) Effective:</p> <p><input type="checkbox"/> GIFE Update <input checked="" type="checkbox"/> Frequency Manual Update <input checked="" type="checkbox"/> SiteManager Update</p>

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: There is language concerning contract time that is redundant to language used in the IDIQ template in the CIB which has the potential to be in conflict. Also, new Davis-Bacon requirements need to be added.

PROPOSED SOLUTION: Remove redundant language concerning contract time to reduce potential for conflicting language; and add wage determination language to satisfy Davis-Bacon requirements.

APPLICABLE STANDARD SPECIFICATIONS: N/A

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: N/A

APPLICABLE RECURRING SPECIAL PROVISIONS: RSP 109-C-279

PAY ITEMS AFFECTED: N/A

APPLICABLE SUB-COMMITTEE ENDORSEMENT: N/A

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: All IDIQ contracts.

IMPACT ANALYSIS (attach report):

Submitted By: Joe Novak

Title: State Construction Engineer

Division: Construction Management

E-mail: jnovak@indot.in.gov

Date: 2/21/24

IMPACT ANALYSIS REPORT CHECKLIST

Explain the business case as to why this item should be presented to the Standards Committee for approval. Answer the following questions with Yes, No or N/A.

Does this item appear in any other specification sections? N/A

Will approval of this item affect the Qualified Products List (QPL)? No

Will this proposal improve:

Construction costs? No

Construction time? No

Customer satisfaction? No

Congestion/travel time? No

Ride quality? No

Will this proposal reduce operational costs or maintenance effort? No

Will this item improve safety:

For motorists? No

For construction workers? No

Will this proposal improve quality for:

Construction procedures/processes? No

Asset preservation? No

Design process? No

Will this change provide the contractor more flexibility? No

Will this proposal provide clarification for the Contractor and field personnel? Yes

Can this item improve/reduce the number of potential change orders? No

Is this proposal needed for compliance with:

Federal or State regulations? Yes

AASHTO or other design code? No

Is this item editorial? No

Provide any further information as to why this proposal should be placed on the Standards Committee meeting Agenda:

REVISION TO SPECIAL PROVISION

109-C-279 IDIQ WORK ORDERS

(Note: Proposed changes shown highlighted gray)

(BASIS FOR USE: Required for all IDIQ contracts.)

109-C-279 IDIQ WORK ORDERS

(Revised 06-15-23)

The Standard Specifications are revised as follows:

SECTION 101, AFTER LINE 220, INSERT AS FOLLOWS:

The contract ~~shall~~will also include all Work Orders and related documentation including, but not limited to, the scope of work, the Contractor's Work Order Request Form, and Supplemental Work Orders.

101.13 Contract Information Book

A document which includes a contract information sheet, ~~an estimate of quantities,~~ special provisions, and additional contract requirements. Such document may include the plans.

SECTION 101, BEGIN LINE 229, DELETE AND INSERT AS FOLLOWS:

101.15 Contract Time

~~The number of work days or calendar days allowed for completion of the contract or phase of the contract, including authorized time extensions.~~

~~If a calendar date of contract completion or contract phase completion is shown in the Proposal in lieu of the number of work or calendar days, the contract shall be completed by that date. The Base Term of the Contract is one year.~~

~~There is one bilateral Option Term. The duration of the Option Term is one year. Both parties shall agree to extend the Contract for the Option Term. The Department and the Contractor will agree whether to extend the Contract for the Option Term at least 90 days prior to the start of the Option Term.~~

~~As detailed in the Term of Contract and Option Periods section of INDEFINITE DELIVERY INDEFINITE QUANTITY WORK ORDER CONTRACT INTENT.~~

101.15.1 Work Order Completion Time

The Work Order Completion Time is the time within which the Contractor shall complete the detailed scope of work. The Work Order Completion Time will be identified with each Work Order on the Work Order Request Form.

SECTION 101, BEGIN LINE 270, DELETE AND INSERT AS FOLLOWS:

101.24 Extra Work

An item of work not ~~provided for in the contract as awarded~~in the original scope of work when the Work Order was issued but found essential to the satisfactory completion of the ~~contract~~Work Order.

REVISION TO SPECIAL PROVISION

109-C-279 IDIQ WORK ORDERS

SECTION 101, BEGIN LINE 344, DELETE AND INSERT AS FOLLOWS:

101.35 Notice to Proceed

Written notice to the Contractor to proceed with the contract work including, when applicable, the date of beginning of ~~contract~~ *work order completion* time.

SECTION 101, BEGIN LINE 378, INSERT AS FOLLOWS:

101.42 Project

The specific section of the highway where work ~~is to~~ *shall* be performed under the contract. *A project may consist of one or more related Work Orders and Supplemental Work Orders.*

SECTION 101, BEGIN LINE 465, DELETE AND INSERT AS FOLLOWS:

101.59 Specified Completion Date

The date on which the ~~contract work~~ *detailed scope of work* is specified to be complete.

SECTION 101, BEGIN LINE 554, INSERT AS FOLLOWS:

101.76 Work

The furnishing of labor, materials, equipment, and incidentals necessary or convenient to the successful completion of the project and the carrying out of the duties and obligations imposed by the contract *and work orders.*

SECTION 101, AFTER LINE 573, INSERT AS FOLLOWS:

101.80 Base Term

The initial period of the Contract and does not include any Option Terms.

101.81 Estimated Annual Value

An estimate of the value of Work Orders that could be issued to the Contractor each year.

101.82 Work Order

A written order issued by the Engineer, and the Work Order Request Form, requiring the Contractor to complete the scope of work within the Work Order Completion Time for the Work Order Price. A project may consist of one or more Work Orders.

101.83 Work Order Price

The value of the approved Work Order Price Proposal and the amount the Contractor will be paid for completing a Work Order.

101.84 Work Order Price Proposal

A price proposal prepared by the Contractor that includes the pay items required to complete the scope of work.

101.85 Work Order Request Form

A set of documents including at least: (a) Work Order Price Proposal; (b)

REVISION TO SPECIAL PROVISION

109-C-279 IDIQ WORK ORDERS

required drawings or sketches; (c) list of anticipated Subcontractors; (d) Construction schedule; and (e) other requested documents.

101.86 Joint Scope Meeting

A site meeting to discuss the work before the scope of work is finalized.

101.87 Maximum Contract Value

The maximum value of Work Orders that the Contractor may receive under this Contract.

101.88 Minimum Contract Value

The minimum value of Work Orders that the Contractor is guaranteed the opportunity to perform under this Contract.

101.89 Normal Working Hours

The hours from 7:00 a.m. to 4:00 p.m. Monday through Friday, except for holidays as specified in 108.08.

101.90 Option Term

An additional period of time beyond the Contract Term which extends the termination date of the Contract.

101.91 Other than Normal Working Hours

The hours of 4:01 p.m. to 6:59 a.m. Monday through Friday and all day Saturday, Sunday, and Holidays.

101.92 Supplemental Work Order

A secondary Work Order developed after the initial Work Order has been issued for the purpose of changing, deleting, or adding work to the initial scope of work, or changing the Work Order Completion Time.

101.93 Unit Price

The price published in the schedule of pay items for a specific construction or construction related work task. Each Unit Price is comprised of labor, equipment, and material costs to accomplish that pay item.

101.94 Work Order Notice to Proceed

A written notice issued by the Engineer directing the Contractor to proceed with construction activities to complete the Work Order.

SECTION 104, BEGIN LINE 37, DELETE AND INSERT AS FOLLOWS:

104.02 Changed Conditions

A changed condition causes the work to substantially differ in kind or nature from the work as required in the original contract scope of work. The Department will adjust the contract for changed conditions as described herein issue a Supplemental Work Order to alter, add to or deduct from the work for the changed conditions. A contract

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109-C-279 IDIQ WORK ORDERS

~~adjustment~~ *Supplemental Work Order* may revise one or more of the following:

SECTION 104, BEGIN LINE 49, DELETE AND INSERT AS FOLLOWS:

Changed conditions considered as reason for a ~~contract adjustment~~ *supplemental work order* are differing site conditions, suspensions of work ordered by the Engineer, and significant changes in the character of the work. A request by the Contractor for a contract adjustment shall be based on one or more of the changed conditions described herein.

SECTION 104, BEGIN LINE 63, DELETE AND INSERT AS FOLLOWS:

Upon written notification, the Engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the contract, an adjustment, excluding anticipated profits, will be made and the ~~contract modified~~ *supplemental work order will be made* in writing accordingly. The Engineer will notify the Contractor of the determination whether or not an ~~adjustment of the contract~~ *supplemental work order* is warranted.

No ~~contract adjustment~~ *supplemental work order* which results in a benefit to the Contractor will be allowed unless the Contractor has provided the required written notice of a changed condition in accordance with 105.16.

No ~~contract adjustment~~ *supplemental work order* will be allowed under this clause for any effects caused on unchanged work.

No supplemental work order will be written for work exceeding the initial scope of work that is not necessary for the completion of the work order.

(b) Suspensions of Work Ordered by the Engineer

If the performance of all or any portion of the work is suspended or delayed by the Engineer in writing for an unreasonable period of time (not originally anticipated, customary, or inherent to the construction industry) and the Contractor believes that additional compensation, and/or ~~contract work order completion~~ time is due as a result of such suspension or delay, the Contractor shall submit to the Engineer in writing a request for adjustment within seven calendar days of receipt of the notice to resume work. The request shall set forth the reasons and support for such adjustment.

Upon receipt, the Engineer will evaluate the Contractor's request. If the Engineer agrees that the cost and/or time required for the performance of the contract has increased as a result of such suspension and the suspension was caused by conditions beyond the control of and not the fault of the Contractor, its suppliers, or subcontractors at any approved tier, and not caused by weather, the Engineer will ~~make an adjustment (excluding profit) and modify the contract~~ *issue a supplemental work order* in writing accordingly. The Contractor will be notified of the Engineer's determination whether or not an ~~adjustment of the contract~~ *supplemental work order* is warranted.

No ~~contract adjustment~~ *supplemental work order* will be allowed unless the

REVISION TO SPECIAL PROVISION

109-C-279 IDIQ WORK ORDERS

Contractor has submitted the request for adjustment within the time prescribed in accordance with 105.16.

No ~~contract adjustments~~ *supplemental work order* will be allowed under this clause to the extent that performance would have been suspended or delayed by any other cause, or for which an adjustment is provided or excluded under any other term or condition of this contract.

(c) Significant Changes in the Character of Work

The Engineer reserves the right to make, in writing, at any time during the work, such changes in quantities and such alterations in the work as are necessary to satisfactorily complete the ~~project~~ *scope of work of the work order*. Such changes in quantities and alterations shall not invalidate the ~~contract~~ *work order* nor release the surety, and the Contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the ~~contract~~ *work order*, whether such alterations or changes are in themselves significant changes to the character of the work or by affecting other work cause such other work to become significantly different in character, an adjustment, excluding anticipated profit, will be made to the ~~contract~~ *work order*. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the Contractor in such amount as the Engineer may determine to be fair and equitable.

If the alterations or changes in quantities do not significantly change the character of the work to be performed under the contract, the altered work will be paid for as provided elsewhere in the contract.

No ~~contract adjustments~~ *supplemental work order* which results in a benefit to the Contractor will be allowed unless the Contractor has provided the required written notice of a changed condition in accordance with 105.16.

The term “significant change” shall be construed to apply only ~~to the following circumstances: when the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction.~~

1. ~~When the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction; or~~
2. ~~When a major item of work, as defined elsewhere in the contract, is increased in excess of 125% or decreased below 75% of the original contract quantity. Any allowance for an increase in quantity shall apply only to that portion in excess of 125% of the original contract item quantity, or in case of a decrease below 75%, to the actual~~

~~amount of work performed.~~

(d) Pre-established Remedies to Changed Conditions

The Contractor and the Department shall cooperatively work to resolve a request for a ~~contract adjustment~~ *supplemental work order* due to a changed condition by means of the pre-established remedies described herein.

After receipt of a notice of a changed condition in accordance with 105.16, the Engineer will determine if the Contractor's request for a ~~contract adjustment~~ *supplemental work order* is justified. The Engineer will respond to the Contractor in writing within two business days of the receipt of notification, or other time as mutually agreed, as to whether the request is justified and as to how the changed condition will be remedied.

If the Engineer determines that a request for a ~~contract adjustment~~ *supplemental work order* is justified, the changed condition will be remedied by means of a ~~contract adjustment~~ *supplemental work order* based on one or more of the following pre-established remedies.

1. Calculations and payment involving existing pay items in the contract.
2. Payment for extra work in accordance with 104.03.
3. Extension of ~~contract~~ *the work order completion time* ~~in accordance with 108.08.~~
4. Payment for delay costs in accordance with 109.05.2 as allowed by 108.08(b).

If the impact of a changed condition will not be known for some length of time, the following procedure shall be followed in order to expedite a ~~contract adjustment~~ *supplemental work order* until the impact of the change can be determined.

SECTION 104, BEGIN LINE 189, DELETE AND INSERT AS FOLLOWS:

5. Refusal by the Contractor to attend any weekly meeting or to submit daily records at a weekly meeting will constitute a waiver to any objections to the accuracy of the Engineer's records and the Engineer's records will control for purposes of computing any ~~contract adjustment~~ *supplemental work order* for the changed condition.

If the Contractor accepts the Engineer's remedy for a changed condition, the ~~contract adjustment~~ *supplemental work order* will be considered to be full and complete compensation for the changed condition and no further contract adjustment will be made for the circumstances of the Contractor's request.

REVISION TO SPECIAL PROVISION

109-C-279 IDIQ WORK ORDERS

SECTION 108, BEGIN LINE 311, DELETE AND INSERT AS FOLLOWS:

108.08 Determination and Extension of Contract Time

~~The number of days allowed for the completion of the work included in the contract will be stated in the Proposal and will be known as the contract time~~*The time for completion of the scope of work will be stated in the Work Order and will be known as the Work Order Completion Time.*

For work that occurs during an Option Term, the PAYMENT OF PREDETERMINED MINIMUM WAGE DETERMINATION, (DAVIS-BACON ACT,) General Decision Number in the Contract Information Book shall be replaced with the version last published, new year and current modification, on the USDOL System for Award Management, (<https://sam.gov/content/wage-determinations>), internet website 10 days prior to the date of the Contractor's request to extend the Contract. This will be referenced and physically attached in a change order.

If the ~~contract~~*work order completion* time is on a work day basis, as defined in 101.78, a weekly statement showing the number of days charged to the contract to date and for the preceding week, the number of days specified for completion of the ~~contract~~*work order*, and the days remaining and the controlling operation will be furnished. The Contractor will be allowed one week from the date it receives the statement in which to file a written protest setting forth in what respect the weekly statement is incorrect. Otherwise, the statement will be deemed to have been accepted by the Contractor as correct. For the purpose of computation, work days will be considered as beginning on the fifteenth calendar day after the date of the notice to proceed. All calendar days elapsing between the effective dates of orders to suspend work and to resume work for suspensions which are not the fault of the Contractor will be excluded.

If the ~~contract~~*work order completion* time is on a calendar day basis, it shall consist of the number of calendar days stated in the contract including all Sundays, holidays, and non-work days counting from the date of the notice to proceed. All calendar days elapsing between the effective dates of any orders to suspend work and to resume work for suspensions not the fault of the Contractor will be excluded. A weekly statement showing the controlling operation will be furnished. The Contractor will be allowed one week from the date it receives the statement in which to file a written protest setting forth in what respect said weekly statement is incorrect. Otherwise, the statement will be deemed to have been accepted by the Contractor as correct.

If the ~~contract~~*work order completion* time is a fixed calendar date, it shall be the date on which all work on the contract shall be completed. For such contracts, an extended date of completion will be considered for delay in the issuance of the notice to proceed if the notice to proceed is not issued within 30 days of the letting, except if the delay is due to the failure of the Contractor to furnish requested forms or information. Unless otherwise determined, an extension to the contract completion date and intermediate completion date will be allowed for each calendar day from 30 days after the date of the letting to and including the date of the notice to proceed. A weekly statement showing the controlling operation will be furnished. The Contractor will be allowed one week

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from the date it receives the statement in which to file a written protest setting forth in what respect said weekly statement is incorrect. Otherwise, the statement will be deemed to have been accepted by the Contractor as correct.

The number of days for performance shown in the ~~contract as awarded~~ *work order* will be based on the original quantities as defined in 104.02.

- (a) ~~For a completion date contract, unless otherwise determined, an increase in quantities will not increase the time specified for the performance of the contract~~ *Blank.*
- (b) ~~If intermediate completion times are specified, unless otherwise determined, an increase in quantities will not increase the time specified.~~

If an intermediate completion time is specified for road closure or restriction, the first day or portion thereof of the closure or restriction will constitute the first chargeable day. The date the road is opened to unrestricted traffic will be counted as a chargeable day, regardless of the time of day when the roadway is opened. Open to unrestricted traffic shall be as defined in 101.36. Temporary pavement marking materials in accordance with 801.12 shall be placed if the final marking materials cannot be placed in accordance with 808.07(b).

If the Contractor finds it impossible for reasons beyond its control to complete the work within the ~~contract~~ *work order completion* time as specified prior to the expiration of the contract time, a written request in accordance with 105.16 may be made for an extension of time setting forth therein the reasons which will justify the granting of the request. A plea that insufficient time was specified is not a valid reason for extension of time. If the Engineer finds that the ~~contract~~ *work order* controlling operation was delayed due to an excusable delay under 108.08(a) or 108.08(b), the Department will extend the ~~contract~~ *work order completion* time for completion in such amount as the conditions justify. The extended time for completion shall then be in full force and effect, the same as though it were the original time for completion. The Department will not extend ~~contract~~ *work order completion* time for a non-excusable delay under 108.08(c).

SECTION 108, BEGIN LINE 460, DELETE AND INSERT AS FOLLOWS:

~~Contract~~ *Work order completion* time will not be charged during the required cure period for concrete surfaces requiring a sealer, provided all other ~~contract~~ *work order* work is completed and all lanes are open to traffic. Charging of ~~contract~~ *work order* time will resume after the required cure period. The ~~contract~~ *work order completion* time will be adjusted as follows:

- (a) If the ~~contract~~ *work order completion* time is on a work day basis, work days will not be charged for those days on which work is suspended.

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- (b) If the ~~contract~~*work order* completion time is on a calendar day basis, all calendar days on which work is suspended will be excluded.
- (c) If the ~~contract~~*work order* completion time is a fixed calendar date, the ~~contract~~*work order* will not be extended.

SECTION 108, BEGIN LINE 566, DELETE AND INSERT AS FOLLOWS:

The Department will extend the ~~contract~~*work order completion* time for completion and will pay for delay costs covered under item 1 above in accordance with 104.03.

The Department will make payment for delay costs under items 2 and 3 above in accordance with 109.05.2.

(c) Non-Excusable Delays

Non-excusable delays are delays that are the fault or responsibility of the Contractor. The Department will not extend the ~~contract~~*work order completion* time or compensate the Contractor for delay costs due to non-excusable delays.

(d) Concurrent Delays

Concurrent delays are separate delays to the controlling operation or critical path that occur at the same time. When an excusable, non-compensable delay is concurrent with an excusable, compensable delay, the Department will extend the ~~contract~~*work order completion* time but will not make payment for delay costs. When a non-excusable delay is concurrent with an excusable delay, the Department will not extend the ~~contract~~*work order completion* time and will not make payment for delay costs.

SECTION 108, AFTER LINE 619, DELETE AND INSERT AS FOLLOWS:

When the work order completion time is on either the calendar day or fixed calendar date basis, the schedule for calendar days shall be used. When the work order completion time is on a work day basis, the schedule for work days shall be used.

Adjustments to the contract payment with respect to liquidated damages will be included in a liquidated damages pay item. The unit price for this pay item will be \$1.00 and the quantity will be in units of dollars. The quantity is the total calculated in accordance with the Proposal or Special Provisions shall be \$1,500 daily.

SECTION 109, DELETE LINE 290, THROUGH 636.

SECTION 109, AFTER LINE 636, INSERT AS FOLLOWS:

109.03 Blank

109.04 Blank

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SECTION 109, BEGIN LINE 1008, INSERT AS FOLLOWS:

109.07 Partial Payments

The Department will make one payment for all Work Orders that have a Work Order Completion Time of 45 days or less, or a Work Order Price of \$25,000 or less. For all other Work Orders, the Owner may make partial, monthly payments based on a percentage of the work completed.

Before submitting for Payment, Final or Partial, the Contractor shall reach an agreement with the Engineer concerning the percentage complete of the detailed scope of work and the dollar value for which the Payment may be submitted.

The contract may contain more than one project. Partial payments may be made once each month as the work progresses or twice each month if it is determined that the amount of work performed is sufficient to warrant such payment. These payments will be based on estimates, prepared by the Engineer, of the value of the work performed and materials complete in place in accordance with the contract. No partial payment will be made or estimates will not be submitted when the total value of the work done since the last estimate amounts to less than \$500.

SECTION 110, BEGIN LINE 9, DELETE AND INSERT AS FOLLOWS:

110.02 Limitations~~Blank~~

~~For the purpose of payment, the mobilization portion of this work will be limited to 5% of the original total contract price. The remainder of the work will be considered demobilization. The first progress estimate will include a percentage payment of the pay item for mobilization and demobilization that is equal to the lesser of 5% of the original total contract price or the contract lump sum price for the pay item mobilization and demobilization.~~

~~The balance of the lump sum price will be paid when the contract has been completed and accepted.~~

SECTION 110, BEGIN LINE 23, DELETE AS FOLLOWS:

110.04 Basis of Payment

~~This work will be paid for at the contract lump sum price for mobilization and demobilization.~~ *Payment for mobilization and demobilization will be calculated based on the needs to complete the scope of work determined for the work order at the time of the joint scoping meeting. Mobilization and Demobilization shall be included in the Work Order Price Proposal as part of the Work Order Request Form completed by the Contractor.*

Payment will be made under:

Pay Item	Pay Unit Symbol
Mobilization and Demobilization, <i>IDIQ</i>	L <i>SDOL</i>

The cost of all materials, equipment, tools, labor, transportation, operations, and incidentals required for mobilization and demobilization shall be included in the cost of this work.

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~~If no pay item for mobilization and demobilization is shown in the Schedule of Pay Items, the cost of the work described above shall be included in the total cost of the contract, with no direct payment for the work.~~

FINAL DRAFT MINUTES

COMMENTS AND ACTION

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DISCUSSION:

Mr. Novak introduced and presented this item explaining that there is language concerning contract time that is redundant to language used in the IDIQ template in the CIB which has the potential to be in conflict. New Davis-Bacon requirements also need to be added.

Mr. Novak proposed to remove redundant language concerning contract time to reduce the potential for conflicting language; and add wage determination language to satisfy Davis-Bacon requirements.

Minor editorial changes are as shown.

There was no further discussion and this item passed as submitted.

<p>Motion: Mr. Novak Second: Mr. Dave Ayes: 10 Nays: 0 FHWA Approval: YES</p>	<p>Action:</p> <p><input checked="" type="checkbox"/> Passed as Submitted <input type="checkbox"/> Passed as Revised <input type="checkbox"/> Withdrawn</p>
<p>2024 Standard Specifications Sections: 100 (various) begin pg. 1.</p> <p>Recurring Special Provisions or Plan Details: 109-C-279 IDIQ WORK ORDERS</p> <p>Standard Drawing affected: NONE</p> <p>Design Manual Chapter: NONE</p> <p>GIFE Section: NONE</p>	<p><input type="checkbox"/> 2026 Standard Specifications <input type="checkbox"/> Revise Pay Items List <input type="checkbox"/> Notification to Designers if change is <u>not</u> addressed by RSP</p> <p><input type="checkbox"/> Create RSP (No. __) Effective:</p> <p><input checked="" type="checkbox"/> Revise RSP (No. 109-C-279) Effective: September 1, 2024</p> <p><input type="checkbox"/> Standard Drawing Effective:</p> <p><input type="checkbox"/> Create RPD (No. __) Effective:</p> <p><input type="checkbox"/> GIFE Update <input type="checkbox"/> Frequency Manual Update <input type="checkbox"/> SiteManager Update</p>