AGENDA
ICA/INDOT STATEWIDE
JOINT COOPERATIVE COMMITTEE
12:30 P.M. – SEPTEMBER 27, 2015
ICA OFFICE - INDIANAPOLIS

A. Opening Comments & Introductions

B. Anchored Barrier Wall – Approval Process Update

C. Partial Payment for Lump Sum Pay Items
   ie, INDOT not paying full lump sum amount on some items.

D. Contract Duration and Timing of Letting Dates

E. Payment for Equipment Stand-by Time During Utility Delay
   Enclosure 2

F. Updates
   1. INDOT Spec Books
   2. Letting Statistics
   3. Work Zone Safety – New RSPs
   4. INDOT Standards Update
      (effective dates from September 1, 2014 to August 31, 2015)
   Enclosure 3

G. Region Meetings
   1. Southern Region – 10:00 AM, Tuesday, September 15
      Community Foundation of Jackson County, 107 Community Drive, Seymour
   2. Central Region – 10:00 AM, Wednesday, September 23
      INDOT Traffic Management Center, 8620 East 21st Street, Indianapolis
   3. Northern Region – 10:00 AM, Tuesday, September 29
      INDOT Subdistrict Office, 2790 North Fox Farm Road, Warsaw

H. Next Statewide Meeting
(g) Measurement of Timber or Lumber
Timber or lumber will be measured by the thousand feet board measure or MFBM actually incorporated into the work. Measurement will be based on nominal widths and thicknesses and the extreme length of each piece.

(h) Rental of Equipment
Rental of equipment will be measured in hours of actual working time and necessary traveling time of the equipment within the project limits. If special equipment has been ordered in connection with force account work, travel time and transportation costs to the project site will be recorded. If equipment has been ordered and held on the project site on a standby basis, full time rates for such equipment will be paid.

(i) Manufactured Materials
If standard manufactured materials are specified such as fence, wire, plates, rolled shapes, pipe, or conduit, and such materials are identified by gage, unit weight, or section dimensions, such identification will be considered to be nominal weights or dimensions. Unless more stringently controlled by tolerances in cited specifications, manufacturing tolerances established by the industries involved will be accepted. Nearly equivalent metric dimensioned manufactured items will be accepted in lieu of English dimensioned items, provided they are within the specified tolerances, when English sizes are specified (Nearly equivalent English dimensioned manufactured items will be accepted in lieu of metric dimensioned items, provided they are within the specified tolerances, when metric sizes are specified).

109.02 Scope of Payment
Compensation provided for in the contract shall be received and accepted as full payment for furnishing all materials and for performing all work specified in the contract in a complete and acceptable manner. This shall also be payment in full for all risk, loss, damage, or expense of whatever character arising out of the nature of the work or the prosecution thereof, in accordance with 107.23.

If the basis of payment clause in the specifications relating to a unit price in the Schedule of Pay Items requires that said unit price cover and be considered compensation for certain work or material essential to the pay item, this same work or material will not also be measured or paid for under another pay item which may appear elsewhere in the specifications.

The term lump sum when used as a unit of payment will mean complete payment for the pay items of work described in the contract.

The payment of a current estimate before final acceptance of the work shall not affect the obligation of the Contractor to repair or renew any defective parts of the construction. The responsibility for all damages due to such defects will be determined in accordance with 107.19.
If it is agreed in writing that the quantities of certain items or portions of items of work, as set forth in the contract, are in substantial agreement with actual quantities of work performed, compensation therefore will be based on the quantities set forth in the contract without measurement thereof upon completion of the work. Compensation based on contract quantities as agreed shall be accepted as full payment for such items or portions of items.

If the Contractor has previously agreed in writing to accept photogrammetric methods of measurement for common excavation and borrow, the Department may utilize such methods of measurement as the basis of payment. Computation of volumes shall be in accordance with 203.

109.03 Compensation for Altered Quantities
If the accepted quantities of work vary from the quantities shown in the Schedule of Pay Items, the Contractor shall accept as payment in full, so far as contract items are concerned, payment at the original contract unit prices for the accepted quantities of work done. No allowance, except as provided in 104.02, will be made for increased expense, loss of expected reimbursement, or loss of anticipated profits suffered or claimed by the Contractor resulting either directly from such alterations or indirectly from unbalanced allocation among the contract items of overhead expense on the part of the bidder and subsequent loss of expected reimbursement therefore, or from any other cause.

If an increase or decrease in a contract item is in accordance with 104.02, the contract unit price will be the rate of payment unless an adjusted price is agreed to by the parties to the contract. The contract unit price for a minor item may be adjusted if agreed to by parties for only that portion of the item which exceeds 6% of the total bid amount of the contract. A loss or gain of overhead costs will not be a consideration for adjusting the unit prices.

If such alteration directly causes the loss of any work or materials already furnished under the terms of the original contract, the actual cost of such work or of salvaging such materials will be reimbursed. All such materials may, at the option of the Department, be purchased at the actual cost including freight to the Contractor, plus 12%.

109.04 Cost Reduction Incentive, CRI
The Contractor may submit a written proposal for modifying the Contract Documents for the purpose of reducing construction costs or contract time. The proposal shall produce a savings without impairing essential functions, characteristics, and timing of the project including, but not limited to, safety, service life, economy of operations, the traveling public, ease of maintenance, desired appearance, design standards and construction schedules.
109.05.2 Delay Costs

When the Engineer determines that an excusable, compensable delay has occurred as defined in 108.08(b), the Department will pay for the costs incurred by the Contractor as a result of the delay. The Department will not pay for unrecoverable costs as defined in 104.02(d) and will not make duplicate payment for compensation made in accordance with 109.05.

The Department will not make payment for delays that occur during the period from December 1 through March 31 unless the Contractor’s current accepted progress schedule, as required by 108.04, indicates work on the controlling operation or critical path during this period.

The Contractor shall provide satisfactory documentation to support payment for delay costs. The Department will not make any payment for delay costs until the documentation is submitted.
Payments made under this specification shall constitute full compensation for all
delay costs and associated costs, including overhead.

(a) Allowable Delay Costs

1. Labor
Payment will be made for all necessary salaried and non-salaried personnel that
must remain on the project, as approved by the Engineer, during the delay period and
cannot be assigned to unaffected work. Necessary personnel will include field
superintendents, assistants, watchmen, clerical and other field support staff, and
those persons required for maintenance within the project limits, including
maintenance of traffic control devices, maintenance of erosion and sediment control
measures and similar activities as approved by the Engineer. Payment for labor costs
will be calculated in accordance with 109.05(b)1.

2. Insurance
Payment will be made for the increased cost of insurance resulting directly from
the delay and will be calculated in accordance with 109.05(b)2.

3. Equipment
Payment will be made for idle equipment that must remain on the project, as
approved by the Engineer, during the delay period and cannot be used for active
work. Payment for idle equipment will be calculated in accordance with 109.05(b)4.

If the Engineer determines that idle equipment should not remain on the project,
the Department will pay for the cost to demobilize the equipment during the delay
and remobilize it at the end of the delay.

4. Field Office Costs
Payment will be made for the cost to maintain a Contractor’s field office, if
determined necessary by the Engineer, during the delay period.

Field office costs include, but are not limited to, the Contractor’s field office
facilities, tool trailers, office equipment rental, temporary toilets, incidental supplies,
and utility expenses. Payment will be made only for the actual costs incurred during
the delay period as documented on paid invoices.

5. Escalation Costs
Payment for escalation costs due to an excusable, compensable delay will be
limited to the escalated cost of labor, materials, and equipment on that portion of the
work which is delayed beyond an original intermediate completion date or the
contract completion date and is caused to be performed during a period when the
costs were higher than when the work was planned to be performed as shown on the
accepted schedule prior to the delay. The Contractor shall submit satisfactory
documentation of escalation costs in a format approved by the Department.
a. Labor Escalation
Payment for escalated labor costs will be calculated as the difference in labor cost between the time the work was performed and the time the work was planned. Labor costs will be calculated in accordance with 109.05(b)1 except that no markup will be paid for labor escalation.

b. Materials Escalation or Storage
Payment for escalated material costs will be calculated as the difference in the material cost between the time the work was performed and the time the work was planned. No material escalation cost will be paid for any item covered by a separate escalation or indexing clause under the contract.

The Department will pay for storage of materials, as approved by the Engineer, due to the delay. Only the actual cost of storing the materials will be paid. No markup will be paid for materials storage.

c. Equipment Escalation
Payment for equipment escalation costs will be calculated as the difference between the Rental Rate Blue Book FHWA hourly rate at the time the work was performed and the Rental Rate Blue Book FHWA hourly rate at the time the work was planned. No markup will be paid for equipment escalation costs.

(b) Blank

109.06 Eliminated Pay Items
If pay items contained in the Schedule of Pay Items are found unnecessary for the proper completion of the work, they may be eliminated from the contract as a change order. Such action shall not invalidate the contract. When notified of the elimination of pay items, the Contractor will be reimbursed for actual work done and all costs incurred, including mobilization of materials prior to said notification. This material may, at the option of the Department, be purchased at the actual cost including freight to the Contractor, plus 12%.

109.07 Partial Payments
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.

Except as set out in 105 IAC 11-3-8 of the Rules For Prequalification of Contractors and Bidding, the balance, less all previous payments and less amounts
INDOT Standards Committee Actions Update
Effective Date Range: September 01, 2014 to August 31, 2015
Summary prepared by ICA Staff, 6/30/2015

SECTION 100

SECTION 101 – Substantial Completion
Section 101.59, Substantial Completion, has been revised to add that that no lanes restrictions will occur except for erosion and sediment control maintenance. Also, incorporate sidewalks, curbs, and drainage features to the minimum criteria for substantial completion.
EFFECTIVE DATE: Dec. 1, 2014
APPROVAL DATE: Sept. 18, 2014
2016 STANDARD SPECIFICATIONS: Yes
RSP: 101-C-240

SECTION 107.23 & 108.10 – Attorney Fees
INDOT added language to sections 107.23, Waiver of Legal Rights and 108.10, Default and Termination of the Contract, to allow INDOT to collect expenses including, but not limited to, attorney fees (outside counsel) and litigation costs due to a contractors or sureties performance during a contract and in the case of default or termination of the contract.
*Contractors should be diligent in reviewing contract information books and revisions to be sure that the RSP 107-C-242 is not included in any contracts after July 1, 2015. See the following entry...the language in RSP 107-C-242 has been struck per RSP 107-C-245 adopted 6/2/15.
EFFECTIVE DATE: July 1, 2015
APPROVAL DATE: Feb. 19, 2015
2016 STANDARD SPECIFICATIONS: Yes
RSP: 107-C-242

SECTION 107.23 & 108.10 – Attorney Fees
INDOT generated a new RSP 107-C-245 (adopted 6/2/15) to strike the attorney fee and litigation expenses language added in per RSP 107-C-242 (see entry directly above).
*RSP 107-C-242 was incorporated into the 2016 spec book. Contractors should be diligent in reviewing contract information books and revisions to ensure that RSP 107-C-245 is included in all contract bid documents for letting dates after Sept. 1, 2015.
EFFECTIVE DATE: Sept. 1, 2015
APPROVAL DATE: June 18, 2015
2016 STANDARD SPECIFICATIONS: Yes
RSP: 107-C-245

SECTION 200

SECTION 205 – Quality Control Temporary Erosion and Sediment Control
A new RSP has been generated to reflect a new approach to E&SC on INDOT projects. The contractor will be required to develop the revised SWPPP as a pay item. SWPPP to be submitted as part of the Quality Control Plan for E&SC giving the contractor more ownership in the implementation of the plan. Features to be paid using established prices for commonly used BMPs allowing their use on an ‘as needed’ basis without the need for negotiating a change order prior to use. This RSP will be used on few select contracts in CY 2015.
EFFECTIVE DATE: Feb. 1, 2015
APPROVAL DATE: Nov. 21, 2014
2016 STANDARD SPECIFICATIONS: No
RSP: 205-R-261
SECTION 207 – Subgrade
The following changes were made:
  • Sulfate and calcium/magnesium tests are added to 207.03 per ITM 507 and 510.
  • Subgrade treatment types are revised.
  • A provision is added to allow for contractor to request a subgrade treatment change (from type
    IB to IC) due to a shallow utility facility.
EFFECTIVE DATE: Sept. 1, 2014  2016 STANDARD SPECIFICATIONS: yes
APPROVAL DATE: Feb. 20, 2014  RSP: 207-R-616

SECTION 217 – Soils Drying with Chemical Modifiers
A recurring special provision has been generated to allow for the use of chemical modifiers for soil
drying due to wet unworkable soils resulting in schedule delays.
EFFECTIVE DATE: Nov. 1, 2014  2016 STANDARD SPECIFICATIONS: yes
APPROVAL DATE: July 17, 2014  RSP: 217-R-617

SECTION 600

SECTION 604 – Concrete Joint Material
Change in payment of joint material in section 604 to incidental to 604 pay items.
APPLICABLE STANDARD DRAWING: E 604-CCSI-01
EFFECTIVE DATE: Feb. 1, 2015  2016 STANDARD SPECIFICATIONS: Yes
APPROVAL DATE: Nov. 21, 2014  RSP: 604-R-620

SECTION 615 – Monuments, Markers and Parking Barriers
A new RSP has been created that changes the material requirement for the monument pin from
copper to steel.
APPLICABLE STANDARD DRAWING: 615-SLMN-01
EFFECTIVE DATE: Nov. 1, 2014  2016 STANDARD SPECIFICATIONS: yes
APPROVAL DATE: July 17, 2014  RSP: 615-C-239

SECTION 626 – Modified Section Concrete
RSP 626-R-165 has been removed and pertinent language from the discontinued has been
incorporated into standard specification section 602. A pay item has been created for modified
concrete barrier sections. This revision should also help eliminate the need for various unique pay
items currently in use.
EFFECTIVE DATE: Mar. 1, 2015  2016 STANDARD SPECIFICATIONS: Yes
APPROVAL DATE: Sept. 18, 2014  RSP: 602-R-619

SECTION 700

SECTION 701 – Driven Pile
701.05: Minimum requirements were added for consultants desiring to provide Pile Driving
Analysis (PDA) services on LPA contracts.
EFFECTIVE DATE: Sept. 1, 2014  2016 STANDARD SPECIFICATIONS: yes
APPROVAL DATE: May 15, 2014  RSP: 701-R-189
SECTION 724 – Expansion Joint Sealing System
RSP 724-B-145 has been revised eliminating the metric equivalents and updates have been made to the language to current Chapter 19 requirements.
EFFECTIVE DATE: Feb. 1, 2015 2016 STANDARD SPECIFICATIONS: No
APPROVAL DATE: Nov. 21, 2014 RSP: revised 724-B-145

SECTION 731 – MSE Wall Retaining Wall Requirements
RSP 731-B-205 has been created to clarify the responsibilities of the Engineer and the Contractor on the design of the MSE wall and the parameters used in the wall design. It also clarifies foundation soil preparation with respect to testing the entire MSE wall footprint as opposed to that of the leveling pad. It also clarifies measurement and payment of geotextile.
EFFECTIVE DATE: Mar. 1, 2015 2016 STANDARD SPECIFICATIONS: Yes
APPROVAL DATE: Dec. 18, 2014 RSP: revised 731-B-205

SECTION 800

SECTION 802 – Signs
Standard drawings 802-SNGP-11 through 14 were revised to clean up redundancy and to conform to current MUTCD requirements. 802-SNGP-11 and 14 have been removed due to the revisions.
EFFECTIVE DATE: Sept. 1, 2014 2016 STANDARD SPECIFICATIONS: N/A
APPROVAL DATE: March 20, 2014 RSP: no

SECTION 804 – Delineators
804.02 Materials: Language was added concerning the allowable types of flexible delineator posts: type I – ground mounted and type II – surface mounted.
EFFECTIVE DATE: Mar. 1, 2015 2016 STANDARD SPECIFICATIONS: Yes
APPROVAL DATE: July 17, 2014 RSP: 804-R-205

SECTION 804 – Lane Separators
The unique special provision currently used to address lane separators has been made into a recurring special provision.
EFFECTIVE DATE: Dec. 1, 2014 2016 STANDARD SPECIFICATIONS: No
APPROVAL DATE: July 17, 2014 RSP: 804-T-204

SECTION 805 – Wireless Vehicle Detection System
Recurring Special Provision 805-T-173 and Recurring Plan Detail 805-173d regarding wireless vehicle detection refer to two types of wireless detectors, a type that is capable of counting vehicles and a type that is not. However, it turns out that the type that was thought to be incapable of counting vehicles actually can and the one that INDOT had been buying to count vehicles is more expensive and has extra features that aren’t needed.

There is an updated approved materials list for Traffic Signal and ITS Control Equipment updates have been made to the recurring plan detail that the detectors can be programmed to count vehicles.
EFFECTIVE DATE: Dec. 1, 2014 2016 STANDARD SPECIFICATIONS: No
APPROVAL DATE: July 17, 2014 RSP: revised 805-T-173 & 805-T-173d
SECTION 808 – Pavement Marking Warranty Period Start Date
The durable pavement marking warranty start date has been changed to the date substantial completion (101.59) is achieved instead of the last working day per sections 808.09 and 808.09.1.
EFFECTIVE DATE: May 1, 2015
APPROVAL DATE: Jan. 15, 2014
2016 STANDARD SPECIFICATIONS: Yes
RSP: 808-T-206

SECTION 900

SECTION 910 – METAL MATERIALS
Removes reference to “ASTM B 695 class 55” (galvanizing procedure) that is not in accordance with AASHTO.

SECTION 910, BEGIN LINE 502, DELETE AND INSERT AS FOLLOWS:
Ground-reinforcement units shall be hot rolled from bars to the required shape and dimensions. Physical and mechanical properties of the units shall be in accordance with ASTM A 572, grade 65. Tie strips shall be shop fabricated with hot-rolled steel in accordance with the minimum requirements of ASTM A 1011, grade 50. **Galvanization for ground-reinforcing units and tie strips shall be in accordance with ASTM A 123, coating grade 85 or ASTM B 695, class 80, for strip-type reinforcements or ASTM A 641, class 5 or class C, for bar mat or grid-type reinforcements.** All ground-reinforcement units and tie strips will be inspected to ensure that they are true to size and free from defects which can impair their strength and durability.
EFFECTIVE DATE: Sept. 1, 2014
APPROVAL DATE: March 20, 2014
2016 STANDARD SPECIFICATIONS: Yes
RSP: REVISED 731-B-205 (sunset 9/1/15)

SECTION 919 and 926 Ground Mounted Delineator Posts – Sheeting Material and Flexible Delineator Posts
Reference to “ASTM B 695 class 55” (galvanizing procedure) have been removed that are not in accordance with AASHTO.
Changes to sections 919 and 926:
919 (Sheeting Material) – it is now required that delineators include reflective sheeting.
926 (Flexible Delineator Posts) – it is now required that impact resistant thermoplastics. Also, it is now required that NTEP testing and guidelines for acceptance of the delineator posts from bumper and tire impacts. Also, included are requirements for anchors of the posts and reflective sheeting.
EFFECTIVE DATE: Mar. 1, 2015
APPROVAL DATE: July 17, 2014
2016 STANDARD SPECIFICATIONS: Yes
RSP: 919-R-618