ADDENDUM NO. 1

CITY OF PEORIA
STENNING DRIVE RECONSTRUCTION PROJECT
BID OPENING JULY 26, 2016 @ 11 AM AT PEORIA PUBLIC WORKS

Addendum Issued: July 18, 2016

RE: Addendum #1 for the Stenning Drive Reconstruction project

The following shall be considered part of the Contract documents.

REVISED BID DOCUMENT (Issued with this Addendum):

1) Proposal – Re-number Item 23 as Item 24.
2) Proposal - Add Item 23 to the Bid Proposal “The City of Peoria plans to award the contract based on the low bid of the base bid.
3) Proposal – Add Addendum #1 receipt acknowledgement to the lower left hand corner of the “Stenning Drive Reconstruction Schedule of Prices – Base Bid”.
4) Page 33 – Remove entire section “UNDERGROUND CONDITIONS”
5) Page 36 – Add the following paragraph to the Section “P.C.C. SIDEWALK, 4”
   a. Excavate, prepare and compact subgrade to 95% of maximum laboratory density and in accordance with Section 424 of the Standard Specifications. The Contractor shall provide a 4-inch CA-6 gravel sub-base under all sidewalk locations as per City of Peoria standards. Excavating for, supplying, installing, shaping and compacting of the CA-6 gravel subbase shall not be paid for separately but shall be considered incidental to the pay item P.C.C. SIDEWALK, 4”.
6) Page 38 – Add the following paragraph to the Section “SIDEWALK RAMPS FOR THE DISABLED”
   a. Excavate, prepare and compact subgrade to 95% of maximum laboratory density and in accordance with Section 424 of the Standard Specifications. The Contractor shall provide a 4-inch CA-6 gravel sub-base under all sidewalk locations as per City of Peoria standards. Excavating for, supplying, installing, shaping and compacting of the CA-6 gravel subbase shall not be paid for separately but shall be considered incidental to the pay item P.C.C. COMBINATION CIRB & SIDEWALK, 4”. 


The following are attached and are to be considered part of this addendum:

1) Revised Table of Contents
2) Page 4 of the Proposal – Items 23 and 24
3) Stenning Drive Reconstruction Schedule of Prices – Base Bid
4) Pages 33 thru 41 – Special Provisions

This addendum must be acknowledged on the lower left hand corner of the “Stenning Drive Reconstruction Schedule of Prices – Base Bid” as part of the submittal package. Failure to do so may subject Bidder to Disqualification.

Sincerely,

Scott Reeise, P.E.
City Engineer
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EEO CERTIFICATION (Check one):

_____ We are renewing or applying for an EEO Certification Number. Employer Report Form CC-1 is completed and enclosed.

_____ We have a current EEO Certification Number on file with the City.

Our EEO Certification Number: __________________________

22. The City of Peoria will adjust the project limits in order to meet the available budget.

23. **The City of Peoria plans to award the contract based on the low bid of the base bid.**

24. The undersigned submits herewith this schedule of prices covering the work to be performed under this contract:
## STENNING DRIVE RECONSTRUCTION SCHEDULE OF PRICES - BASE BID

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pavement Removal</td>
<td>6,087</td>
<td>S.Y.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aggr. Base Course, CS-01, 7&quot;</td>
<td>6,087</td>
<td>S.Y.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aggr. Base Course, CA-6, 3&quot;</td>
<td>6,087</td>
<td>S.Y.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hot-Mix Asphalt Bind. Cse., IL-19.0, N50, 2 1/2&quot;</td>
<td>852</td>
<td>Ton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hot-Mix Asphalt Surf. Cse., Mix D, N50, 2&quot;</td>
<td>681</td>
<td>Ton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bituminous Materials (Prime Coat)</td>
<td>304</td>
<td>Pound</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sidewalk Removal</td>
<td>3,398</td>
<td>S.F.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.C.C. Sidewalk, 4&quot;</td>
<td>2,795</td>
<td>S.F.</td>
<td></td>
<td></td>
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<tr>
<td>P.C.C. Comb. Curb &amp; Sidewalk, 4&quot;</td>
<td>674</td>
<td>S.F.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comb. Concrete Curb &amp; Gutter (Special)</td>
<td>128</td>
<td>Ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Detectable Warning</td>
<td>128</td>
<td>S.F.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decorative Block Retaining Wall</td>
<td>300</td>
<td>S.F.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inlet Protection</td>
<td>9</td>
<td>Ea.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temporary Mailbox Relocation</td>
<td>1</td>
<td>L.Sum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction Layout</td>
<td>1</td>
<td>L.Sum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Traffic Control and Protection</td>
<td>1</td>
<td>L.Sum</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL BASE BID $________________________**

Addendum #1 __________________________
The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016, the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" in effect on the date of invitation for bids, the "Standard Specifications for Traffic Control Items," adopted April 1, 2016 and the "Supplemental Specifications and Recurring Special Provisions", adopted April 1, 2016, included herein which apply to and govern the construction of the STENNING DRIVE RECONSTRUCTION project, in the City of Peoria, Peoria County, and in case of conflict with any part of said specifications, the said Special Provisions shall take precedence and shall govern.

**MEASUREMENT METHODS**
Pay items shall be measured in accordance with the City of Peoria Manual of Practice and the IDOT standard specifications and as modified in these specifications.

**EROSION CONTROL**
The Contractor shall install erosion control systems as necessary or as directed by the Engineer to prevent sediment from entering the City’s storm drainage system or exiting the construction area. Erosion control systems shall be installed as necessary or as directed by the Engineer prior to stockpiling of material on the project site. The Contractor shall be responsible for the cost of cleanup and damages resulting from failure to comply with this provision. This work shall be considered incidental to the affected items of work and no additional compensation will be allowed.

The Contractor shall sweep and return to the work site any soil tracked onto the street by the end of the workday or before four (4) hours has elapsed, whichever is sooner. This work shall be considered incidental to the affected items of work and no additional compensation will be allowed.

**SAW CUTTING**
Sawcutting shall be required at all removal limits unless otherwise approved by the Engineer. This shall be considered incidental to the item of construction involved and no additional compensation will be allowed.

**PAVEMENT REMOVAL**
This work shall consist of the removal of pavement at the locations shown on the plans and as directed by the Engineer. This work shall be done in accordance with Section 440 of the “Standard Specifications for Road and Bridge Construction.” Payment for removal and replacement will not be allowed for items removed beyond the limits of construction or those items damaged needlessly by the contractor. The cost of sawing pavement where noted or directed by the engineer shall be incidental to the item of work.

This work will be paid for at the contract unit price per SQUARE YARD for PAVEMENT REMOVAL which shall include saw cutting, removing and disposing of said structure, all labor, tools, materials and equipment necessary to complete this work as specified.
**SIDEWALK REMOVAL**

This work shall consist of the removal of sidewalk at the locations shown on the plans and as directed by the Engineer. This work shall be done in accordance with Section 440 of the “Standard Specifications for Road and Bridge Construction.” Payment for removal and replacement will not be allowed for items removed beyond the limits of construction or those items damaged needlessly by the contractor. The cost of sawing pavement where noted or directed by the engineer shall by incidental to the item of work.

This work will be paid for at the contract unit price per SQUARE FOOT for SIDEWALK REMOVAL; which shall include saw cutting, removing and disposing of said structure, all labor, tools, materials and equipment necessary to complete this work as specified.

**UNDERCUTTING SUBBASE**

This item shall be done in accordance with Section 202 of the Standard Specifications only after receiving approval of the engineer. The Contractor must first satisfy the Engineer that they have made every effort to stabilize the subgrade in accordance with the methods outlined in Article 301.03 before requesting approval to proceed with any subgrade replacement. Contractor must use the appropriate type of equipment to process the subgrade, as specified in Article 301.04(b) of the Standard Specifications.

At the locations approved by the Engineer for subgrade removal, this item shall be paid for at the contract unit price per CUBIC YARD for UNDERCUTTING SUBBASE.

**GEOTECHNICAL FABRIC FOR BASE REPAIR**

This item shall be done in accordance with the applicable portions of Section 210 of the Standard Specifications. The work shall include the furnishing and installing the fabric on the subgrade at locations designated by the Engineer. This item has been provided in the event some areas in the subgrade require stabilization. This item shall be paid for at the contract unit price per square yard for Geotechnical Fabric for Base Repair. The granular blanket for this item shall be Aggregate Base Course, CA-6.

The Geotechnical Fabric shall be a woven fabric, equal to Amoco 2006, TNS W300, LINQ GTF 300, SYNTHETIC INDUSTRIES GEOTEX 315ST or TC MIRAFI 600X, and shall meet the following requirements:

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab Tensile Strength (lbs) – ASTM D 4632</td>
<td>300</td>
</tr>
<tr>
<td>Grab Elongation @ Break (%) – ASTM D 4632</td>
<td>15</td>
</tr>
<tr>
<td>Burst Strength (psi) – ASTM D751</td>
<td>600</td>
</tr>
<tr>
<td>Trapezoidal Tear Strength (lbs) – ASTM D 4533</td>
<td>120</td>
</tr>
<tr>
<td>Water Flow Rate (GPM/SF) – ASTM D 4491</td>
<td>4</td>
</tr>
</tbody>
</table>

Above values to be minimum average roll values. If unusual or abnormal conditions exist, a different fabric may be required, as suggested by the Engineer. If a different fabric is required, a cost
adjustment may be considered. Prior to installation, the Contractor shall submit, to the Engineer, a Physical Property Sheet for the type of fabric he or she intends to use.

**AGGREGATE BASE COURSE, TYPE CS-01**

This work shall consist of furnishing all labor, equipment, and material for the installation of Aggregate Base Course, Type CS-01, in accordance with Section 351 of the Standard Specifications, except as modified by attached BDE Special Provision “Aggregate Subgrade Improvement” and as modified herein. The coarse aggregate gradation shall be CS-01.

This work will be paid for at the contract unit price per SQUARE YARD for AGGREGATE BASE COURSE, TYPE CS-01.

**AGGREGATE BASE COURSE, TYPE B, CA-6**

This work shall consist of furnishing all labor, equipment, and material for the installation of Aggregate Base Course, Type CA-6, in accordance with Section 351 of the Standard Specifications, except as modified herein.

This work will be paid for at the contract unit price per SQUARE YARD for AGGREGATE BASE COURSE, TYPE CA-6.

**CURING COMPOUND**

This item shall be furnished and applied in accordance with Article 1020.13 of the "Standard Specifications" except as herein provided. Curing Compound shall be applied to all exposed Portland Cement Concrete Surfaces. This work will not be paid for separately but shall be included in the cost of the concrete item.

**CONCRETE FIBERS**

The contractor may use micro-fibers in lieu of the welded wire mesh. The micro-fibers and dosage rate shall be approved by the engineer prior to use. The dosage rate shall meet the recommendations of the supplier. The micro-fibers shall be supplied by an IDOT approved supplier of synthetic fibers. Concrete fibers will not be paid for separately but shall be included in the cost of the concrete item.

**TIE BARS & DOWEL BARS**

All tie bars required for sidewalk, curb, or pavement will not be paid for separately but included in the cost of the item the tie bars are required for. Any dowel bars required will not be paid for separately but included in the cost of the concrete item.

**P.C.C. BASE COURSE**

This work shall consist of furnishing all labor, equipment, and material for the installation of Portland Cement Base Course of the depth specified, in accordance with Section 353 of the Standard Specifications, except as modified herein.

This work will be paid for at the contract unit price per SQUARE YARD for PCC BASE COURSE, 5"
HOT MIX ASPHALT BINDER COURSE AND SURFACE COURSE
This work shall consist of furnishing all labor, equipment, and material for the installation of hot-mix asphalt binder and surface courses of the type and depth specified, in accordance with Section 406 of the Standard Specifications, except as modified herein.

The Hot-Mix Asphalt Binder Course, IL-19.0, N50 and Hot-Mix Asphalt Surface Course, Mix D, N50 shall be compacted to the satisfaction of the City of Peoria.

The hot-mix asphalt surface course shall be placed in a continuous paving operation at all times, No interruptions for side roads, entrances, etc. will be allowed.

This work will be paid for at the contract unit price per TON for HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 of the depth specified and the contract unit price per TON for HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 of the depth specified.

BITUMINOUS MATERIALS (PRIME COAT)
This work will be performed in accordance with Section 406.05(b)(1) of the “Standard Specifications for Road and Bridge Construction” and City Standards.

The application rate shall be as follows:
Base Bid: 0.05 lb/sy between HMA Binder Course and HMA Surface Course
Alternate Bid: 0.05 lb/sy between PCC Base Course and HMA Surface Course

This work will be paid for at the contract unit price bid per POUND for BITUMINOUS MATERIALS (PRIME COAT) which shall include all labor, tools and equipment necessary to complete this work as specified.

P.C.C. SIDEWALK, 4”
This work will be performed in accordance with Section 424 of the “Standard Specifications for Road and Bridge Construction” and City Standards.

Excavate, prepare and compact subgrade to 95% of maximum laboratory density and in accordance with Section 424 of the Standard Specifications. The Contractor shall provide a 4-inch CA-6 gravel sub-base under all sidewalk locations as per City of Peoria standards. Excavating for, supplying, installing, shaping and compacting of the CA-6 gravel subbase shall not be paid for separately but shall be considered incidental to the pay item P.C.C. SIDEWALK, 4”.

The method of measurement shall be the total exposed surface area of the walk in square feet for each property.

This work will be paid for at the contract unit price bid per SQUARE FOOT for P.C.C. SIDEWALK, 4”, which shall include all labor, curing compound, tools and equipment necessary to complete this work as specified.
DECORATIVE BLOCK RETAINING WALL
This work shall consist of the construction of a modular block wall (Allan Block, Keystone or approved equal) at the location shown on the plans. The modular block wall shall be installed as per manufacturer’s recommendations.

This item shall be paid for at the contract unit price per SQUARE FOOT for “DECORATIVE BLOCK RETAINING WALL”, which price shall include all labor, equipment, materials and incidentals necessary to complete the work.

COMBINATION CONCRETE CURB AND GUTTER (SPECIAL)
This work shall consist of sawcutting and/or removing and replacing the existing curb and gutter located at the ADA locations. Existing curb and gutter with non-standard ADA depressions shall be removed and replaced. Existing full-height curb and gutter may be sawcut to allow for ADA ramps.

The removal work will be performed in accordance with Section 440 of the “Standard Specifications for Road and Bridge Construction” and the replacement work will be performed in accordance with Section 606 of the “Standard Specifications for Road and Bridge Construction” and City Standards.

This work will include removal, replacement and sawcutting the curb at the locations shown on the plans and will be paid for at the contract unit price per FOOT for COMBINATION CONCRETE CURB AND GUTTER (SPECIAL)”.

DETECTABLE WARNINGS
This work shall consist of a 24-inch strip of the Federal Standard color 30166, brick red, as its standard of detectable warning in the direction of travel and shall extend the full width of the curb ramp or flush surface. This work shall conform to the details given in the plans and in accordance with Section 424 of the “Standard Specifications for Road and Bridge Construction”.

Detectable warnings shall be installed at all designated ADA ramps per the appropriate IDOT curb ramp standard.

The following will be the acceptable construction techniques.

1. Cast-in-Place truncated dome ramps must be formed with a rigid mold. Every area of the tool shall be tamped directly above the stamp to form a uniform appearance. The concrete used shall be Class X (SI) concrete that has the Federal Standard color 30166, brick red, the entire depth. Broadcasting brick red dye or painting the sidewalk brick red will not be acceptable methods.

2. DetecTile PFC Composite truncated dome panels. Panels must be the Federal Standard color 22144, brick red. Panels shall be placed within the Class X (SI) concrete. They shall have a minimum of four anchors per ceramic panel to secure the panels to the concrete ramp.

4. Pre-Cast concrete truncated dome ramp panels. The panels shall be a minimum of 2-inches thick with the entire depth consisting of Class X (SI) concrete that is Federal Standard color 22144, brick red. The pre-cast panels shall have wire mesh or fiber mesh reinforcement. Tapered edges or holes so that dowel reinforcement rod can be placed within the insert shall be acceptable methods. These shall be placed before placing the rest of the ramp so that they are tightly secured into place.

Final determination of acceptability shall be the responsibility of the construction engineer.

**THESE FOUR METHODS ARE THE ONLY ACCEPTABLE MEANS FOR TRUNCATED DOME RAMPS WITHIN THE CITY OF PEORIA.**

Detectable Warnings will be paid for at the contract unit price per square foot of surfacing, which shall include all labor, tools, materials and equipment necessary to complete the work as specified.

**SIDEWALK RAMPS FOR THE DISABLED**

Sidewalk ramps shall be constructed per ADA requirement. Details of ramps are per Highway Standard 424001-08, 424006-02 and 424016-02. Any variation in the shape of curbs and sidewalk or needed landscaping of dirt at a corner to accommodate ramps for the handicapped shall not be paid for separately, but shall be considered incidental to the item of construction involved.

Excavate, prepare and compact subgrade to 95% of maximum laboratory density and in accordance with Section 424 of the Standard Specifications. The Contractor shall provide a 4-inch CA-6 gravel sub-base under all sidewalk locations as per City of Peoria standards. Excavating for, supplying, installing, shaping and compacting of the CA-6 gravel subbase shall not be paid for separately but shall be considered incidental to the pay item P.C.C. COMBINATION CIRB & SIDEWALK, 4”.

This work will be paid for at the contract unit price per SQUARE FOOT of P.C.C. COMBINATION CURB & SIDEWALK, 4” or P.C.C. SIDEWALK 4”.

Any side curb poured integrally with a ramp will be paid for at the contract unit price per SQUARE FOOT OF P.C.C. COMBINATION CURB & SIDEWALK 4”; The square footage will not include the exposed vertical surface areas of the side curbs.

Detectable warnings will be paid for at the contract unit price per SQUARE FOOT. There shall be a minimum of four inches of concrete placed below the panels.

**TEMPORARY MAILBOX RELOCATION**

This item of work consists of providing temporary mailboxes and newspaper receptacles at two locations for 18 mailboxes along Stenning Drive. Each existing mailbox is on a post in combination with a newspaper receptacle. The existing mailboxes shall remain in place since no work is being performed behind the existing curb and gutter. Contractor shall provide temporary mailboxes and newspaper receptacle at two locations. Contractor shall also provide appropriate house numbers on the mailboxes. Prior to installing the temporary mailboxes, the Contractor shall contact the U.S. Post Office in Peoria for approval of the temporary location.
Contractor shall replace mailboxes that are damaged during construction.

After the project is completed, the Contractor shall remove the temporary mailboxes.

Payment for this item shall be at the contract unit price per lump sum for Mailbox Relocation, which price shall include all labor, equipment and materials necessary.

**AGGREGATE SUBGRADE IMPROVEMENT (BDE)**

Effective: April 1, 2012  
Revised: April 1, 2016

Add the following Section to the Standard Specifications:

"SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT"

**303.1 Description.** This work shall consist of constructing an aggregate subgrade improvement.

**303.2 Materials.** Materials shall be according to the following.

<table>
<thead>
<tr>
<th>Item</th>
<th>Article/Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Coarse Aggregate</td>
<td>1004.07</td>
</tr>
<tr>
<td>(b) Reclaimed Asphalt Pavement (RAP) (Notes 1, 2, and 3)</td>
<td>1031</td>
</tr>
</tbody>
</table>

Note 1. Crushed RAP, from either full depth or single lift removal, may be mechanically blended with aggregate gradations CS 01, CS 02, and RR 01 but shall not exceed 40 percent of the total product. The top size of the RAP shall be less than 4 in. (100 mm) and well graded.

Note 2. RAP having 100 percent passing the 1 1/2 in. (37.5 mm) sieve and being well graded, may be used as capping aggregate in the top 3 in. (75 mm) when aggregate gradations CS 01, CS 02, or RR 01 are used in lower lifts.

Note 3. The RAP used for aggregate subgrade improvement shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

**303.3 Equipment.** The vibratory machine shall be according to Article 1101.01, or as approved by the Engineer.

**303.4 Soil Preparation.** The stability of the soil shall be according to the Department's Subgrade Stability Manual for the aggregate thickness specified.

**303.5 Placing Aggregate.** The maximum nominal lift thickness of
aggregate gradations CA 02, CA 06, or CA 10 shall be 12 in. (300 mm). The maximum nominal lift thickness of aggregate gradations CS 01, CS 02, and RR 01 shall be 24 in. (600 mm).

303.6 Capping Aggregate. The top surface of the aggregate subgrade shall consist of a minimum 3 in. (75 mm) of aggregate gradations CA 06 or CA 10. When the contract specifies that a granular subbase is to be placed on the aggregate subgrade improvement, the 3 in. (75 mm) of capping aggregate shall be the same gradation and may be placed with the underlying aggregate subgrade improvement material.

303.7 Compaction. All aggregate lifts shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

303.8 Finishing and Maintenance of Aggregate Subgrade Improvement. The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

303.9 Method of Measurement. This work will be measured for payment according to Article 311.08.

303.10 Basis of Payment. This work will be paid for at the contract unit price per cubic yard (cubic meter) or ton (metric ton) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified."

Add the following to Section 1004 of the Standard Specifications:

"1004.07 Coarse Aggregate for Aggregate Subgrade Improvement. The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete. In applications where greater than 24 in. (600 mm) of subgrade material is required, gravel may be used below the first 12 in (300 mm) of subgrade.

(b) Quality. The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials.

(c) Gradation.

(1) The coarse aggregate gradation for total subgrade thickness less than
or equal to 12 in. (300 mm) shall be CA 2, CA 6, CA 10, or CS 01.

The coarse aggregate gradation for total subgrade thickness more than 12 in. (300 mm) shall be CS 01 or CS 02 as shown below or RR 01 according to Article 1005.01(c).

<table>
<thead>
<tr>
<th>Grad No.</th>
<th>COARSE AGGREGATE SUBGRADE GRADATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sieve Size and Percent Passing</td>
</tr>
<tr>
<td></td>
<td>8&quot;</td>
</tr>
<tr>
<td>cs 01</td>
<td>100</td>
</tr>
<tr>
<td>cs 02</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grad No.</th>
<th>COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Sieve Size and Percent Passing</td>
</tr>
<tr>
<td></td>
<td>200 mm</td>
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<tr>
<td>cs 01</td>
<td>100</td>
</tr>
<tr>
<td>cs 02</td>
<td>100</td>
</tr>
</tbody>
</table>

(2) The 3 in. (75 mm) capping aggregate shall be gradation CA 6 or CA 10."