



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 22, 2019

SUBJECT: FAP Route 702 (IL 117)  
Project STP-AAWY (576)  
Section 113RS-2  
Woodford County  
Contract No. 68E28  
Item No. 96, March 8, 2019 Letting  
Addendum A

## NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised page 13 of the Special Provisions

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Very truly yours,

Jack A. Elston, P.E.  
Bureau Chief, Design and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger P.E.'.

By: Ted B. Walschleger, P. E.  
Engineer of Project Management

2/22/19 JW/al

Table 2. Additional Crushed RAP		
Tests	Method	Limit
Deleterious Materials: Clay Lumps and Friable Particles in Aggregate, % max	ASTM C 142 or AASHTO T112	0.2 recommended
Maximum size, 100% Passing, Sieve Size	ASTM C 136 or AASHTO T 27	Section 2.2

2.6 **Additional aggregate** - Based on the results of the mix design or other requirements, the Contractor shall determine if additional aggregate is required. Any additional aggregate shall meet the requirements in Table 3, and it shall be graded to produce a product which meets the specification given in Table 1.

Table 3. Additional Aggregate		
Tests	Method	Limit
Los Angeles abrasion value, % loss	AASHTO T 96	40 max for Surface mix 50 max for Base mix
Sand Equivalent,%	ASTM D-2419	60 minimum
Maximum size, 100% Passing, Sieve Size	ASTM C 136 or AASHTO T 27	Section 2.2
Water absorption %	AASHTO T 85	5 max.

### 3. **Equipment**

The cold in-place recycling shall be completed with the following required equipment.

- 3.0 The single-unit recycler shall be a self-propelled cold milling machine/cold recycling machine with a down cutting cutter head capable of pulverizing and recycling the existing hot-mix asphalt pavement to a maximum depth of 5 in. (125 mm), incorporate the emulsified asphalt and water, and mix the materials to produce a homogeneous material. The minimum power of this machine is 900 hp (670 kW). The machine shall be capable of pulverizing and recycling not less than 12.5 ft. (3.8 m) wide in each pass. The machine shall have two systems for adding emulsified asphalt and water, with each system having a full-width spray bar with a positive displacement pump interlocked to the machine's ground speed to ensure that the amount of emulsified asphalt and water being added is automatically adjusted with changes to the machine's ground speed. Each additive system shall have its own spray bar equipped with two (2) nozzles per foot [six (6) nozzles per m] of spray bar and be capable of incorporating up to 7 gal./sq. yd. (31.7 L/Sq. m) of emulsified asphalt and/or water. Individual valves on the spray bar shall be capable of being turned off as necessary to minimize emulsified asphalt and water overlap on subsequent passes.
- 3.1 A self-propelled cold milling machine that is capable of pulverizing the existing bituminous material in a single pass to the depth shown on the plans and to a minimum width of not less than 12.5 feet (3.8 m). The machine shall have automatic depth controls to maintain the cutting depth to within  $\pm \frac{1}{4}$  in (6 mm) of that shown on the plans, and shall have a positive means for controlling cross slope elevations. The use of a heating device to soften the pavement will not be permitted.
- 3.2 A material sizing unit having screening and crushing capabilities to reduce the pulverized bituminous material to the size required by Section 2.2 prior to mixing with asphalt emulsion. The screening and crushing unit shall have a closed circuit system capable of continuously returning oversized material to the crusher. All of the reclaimed asphalt pavement (100%) shall be processed to the maximum size requirements as specified.

Revised 2/22/19