



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 14, 2015

SUBJECT: Various Routes  
Project SRTS-4009(274)  
Section 12-00096-00-SW (Mundelein)  
Lake County  
Contract No. 61B39  
Item 138  
April 24, 2015 Letting  
Addendum (A)

## NOTICE TO PROSPECTIVE BIDDERS:

Due to clarify information necessary to revise the following:

- 1. Deleted Hot Mix Asphalt – Quantity Correction (BMPR) from the Table of Contents of the Special Provisions.**
- 2. Deleted Hot Mix Asphalt – Quantity Correction (BMPR) from Pages 10 and 11 of the Special Provisions.**

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

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John Baranzelli, P.E.  
Acting Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E." with a small "P.E." to the right.

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

## TABLE OF CONTENTS

LOCATION OF PROJECT .....	1
DESCRIPTION OF PROJECT .....	1
MAINTENANCE OF ROADWAYS .....	1
STATUS OF UTILITIES TO BE ADJUSTED .....	2
COMPLETION DATE PLUS WORKING DAYS.....	3
TRAFFIC CONTROL PLAN .....	3
FAILURE TO COMPLETE THE WORK ON TIME.....	4
PUBLIC CONVENIENCE AND SAFETY (DIST 1) .....	4
EXPLORATION TRENCH, SPECIAL .....	5
FENCE REMOVAL .....	5
DRIVEWAY PAVEMENT REMOVAL .....	6
DETECTABLE WARNINGS.....	6
DOMESTIC WATER SERVICE BOX TO BE ADJUSTED.....	7
SEEDING (COMPLETE).....	8
PIPE HANDRAIL, SPECIAL.....	8
AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS .....	9
<del>HOT MIX ASPHALT - QUANTITY CORRECTION (BMPR).....</del>	<del>10</del>
GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1).....	11
RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D-1).....	12
HMA MIXTURE DESIGN REQUIREMENTS (D-1).....	22

Revised 4/14/15

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface course for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03."

Add the following to Article 402.12 of the Standard Specifications:

"Aggregate surface course for temporary access will be measured for payment as each for every private entrance, commercial entrance or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified."

Revise the second paragraph of Article 402.13 of the Standard Specifications to read:

"Aggregate surface course for temporary access will be paid for at the contract unit price per each for TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE) or TEMPORARY ACCESS (ROAD).

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

- (a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.
- (b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access."

~~HOT MIX ASPHALT - QUANTITY CORRECTION (BMPP)~~

~~Effective: October 1, 2014~~

~~Revised: October 2, 2014~~

~~Revise the fifth paragraph of Article 406.13(b) of the Standard Specifications to read as follows:~~

~~"HMA and Stone Matrix Asphalt (SMA) mixture in excess of 100 percent of the quantity shown on the plans or the plan quantity as specified by the Engineer will not be measured for payment. The "adjusted quantity to be placed" and the "adjusted pay quantity" for HMA and SMA mixtures will be calculated as follows.~~

~~Adjusted Quantity To Be Placed = C x quantity shown on the plans or the plan quantity as specified by the Engineer~~

~~where: C = English:  $C = \frac{G_{mb} \times 46.8}{U}$  Metric:  $C = \frac{G_{mb} \times 24.99}{U}$~~

~~and where:  $G_{mb}$  = average bulk specific gravity from approved mix design  
 $U$  = unit weight of HMA shown on the plans in lb/sq yd/in.  
 (kg/sq m/25 mm), used to estimate plan quantity  
 46.8 = English constant  
 24.99 = metric constant~~

~~Adjusted Pay Quantity (not to exceed 103 percent of the quantity shown on the plans or the plan quantity as specified by the Engineer) =  $B \times$  HMA tons actually placed~~

~~where:  $B = \frac{1}{C}$~~

~~If project circumstances warrant a new mix design, the above equations shall be used to calculate the adjusted plan quantity and adjusted pay quantity for each mix design using its respective average bulk specific gravity."~~

**GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1)**

Effective: June 26, 2006

Revised: January 1, 2013

Add the following to the end of article 1032.05 of the Standard Specifications:

“(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65