

TRANSPORTATION BULLETIN



Illinois Department of Transportation

ADDENDUM NO. 1

Dated: April 21, 2011

For: Transportation Bulletin
Volume 14, No. 12r

Dated: March 25, 2011, Revised: April 19, 2011

Letting Date: April 29, 2011

Item No. 7A – Construct Crosswind Runway 18-36

Edgar County Airport

Paris, Illinois

Edgar County

IL Project No. PRG-4018

AIP Project No. 3-17-0077-B13

Contract No. ED017

REASON FOR ADDENDUM:

This addendum moves the proposed wind cone out of the Runway Visibility Zone and clarifies the type of splice to be used on the AWOS communication cable.

TO ALL PLAN HOLDERS:

Construction Plans

Sheet **33** - The proposed L-807 Primary Lighted Wind Cone (Additive Alternate No. 2) is shown at 535' Rt. Station 122+56. The proposed location of this Wind Cone will be moved to 560' Rt. Station 122+30

Section III - Special Provisions

ITEM 108 INSTALLATION OF UNDERGROUND CABLE FOR AIRPORTS, 108-2.4 CABLE CONNECTIONS, Add the following to this section:

“Splices of telephone communications cable circuits (including those for the AWOS system) shall be made in splice cans or handholes. Splices for 12-Pair #24 AWG gopher-resistant, jelly-filled telephone communication cables shall be suitable for direct burial application and designed to keep moisture out. Splice kits shall include shield connector, encapsulating compound, and all components required to make a complete and operational system. Splices for 12-Pair #24 AWG, copper telephone communication cable shall be 3M Tel-Comm Products Division Scotchlok UR Connectors with Scotchcast 89 Series, PIC Encapsulating Closure Kits (Re-enterable), Product Number 8982-07, or approved equal. Wire pair connectors shall be 3M Tel-Comm Products Division Scotchlok[®], butt-type, wet conditions, Product Number UY2, or equal. All connections shall be made in the manner and with the type/model of tools recommended by the manufacturer. Splices shall be installed in accordance with the manufacturer's directions for the respective application. 18 inches minimum of slack shall be provided on each side of the splice before placing in the splice can to allow for future splicing and maintenance. Splices shall also conform to the requirements of the AWOS manufacturer's recommendations. Contact the AWOS representative to confirm splice requirements (Jerrad Fennern, AWOS Field Service Engineer, Product Services, Vaisala Inc., Minneapolis Office, 6300 34th Ave., Minneapolis, MN 55450, Phone: (612) 727-1084, Direct (612) 940-2791, Fax: (612) 727-3895, Email: jerrad.fennern@vaisala.com, Website: www.vaisala.com.”

ITEM 108 INSTALLATION OF UNDERGROUND CABLE FOR AIRPORTS, 108-3.5 SPLICING, Add the following to this section:

“Coordinate splices to the AWOS communications cable with the AWOS representative to confirm splice requirements (Jerrad Fennern, AWOS Field Service Engineer, Product Services, Vaisala Inc., Minneapolis Office, 6300 34th Ave., Minneapolis, MN 55450, Phone: (612) 727-1084, Direct (612) 940-2791, Fax: (612) 727-3895, Email: jerrad.fennern@vaisala.com, Website: www.vaisala.com. Take pictures of the AWOS splices and provide copies to the AWOS representative.”

ITEM 125 INSTALLATION OF AIRPORT LIGHTING SYSTEMS, CONSTRUCTION METHODS, add the following paragraph:

“125-3.6 GROUNDING FOR SPLICE CANS. A ground shall be installed at each splice can. The ground shall be a #6 AWG bare copper conductor bonded to the external ground lug on the respective L-867 splice can and a 5/8-in. diameter by 8-ft long (minimum), UL-listed, copper-clad ground rod. Connections to ground lugs on the L-867 splice can shall be with a UL-listed grounding connector. Connections to ground rods shall be made with exothermic-weld type connectors, Cadweld by Erico Products, Inc., Solon, Ohio (Phone: 800-248-9353), Thermoweld by Continental Industries, Inc., Tulsa, Oklahoma (Phone: 918-663-1440), or Ultraweld by Harger, Grayslake, Illinois (Phone: 800-842-7437), or approved equal. Exothermic-weld connections shall be installed in conformance with the respective manufacturer’s directions using molds, as required for each respective application. Bolted connections will not be permitted at ground rods. Top of ground rods shall be buried 12 in. minimum below grade, unless noted deeper on the Plans.

END OF ADDENDUM No. 1