

PAVEMENT SENSOR NOTES

GENERAL

THIS WORK SHALL CONSIST OF THE REPAIR AND REPLACEMENT OF A ROADWAY MOUNTED E SENSORS THAT ARE AFFECTED BY THE PAVEMENT PROCESS. ALL MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO SPECIFICATIONS OF SURFACE SYSTEMS INC. (SSI) 11612 LIBURN PARK ROAD, ST. LOUIS, MO. (1-800-325-7226)

THE PROJECT ENGINEER SHALL CONTACT JIM MARSZAL IN ROADWAY SERVICES (216) 581-2333 EXT. 290, FOUR (4) WORKING DAYS PRIOR TO THE SENSOR INSTALLATION. THIS NOTICE WILL ALLOW ODOT PERSONAL TO DE-ENERGIZE THE AFFECTED SENSORS AND MARK THE EXACT LOCATION FOR THE NEW SENSORS.

ITEM SPECIAL-ROADWAY, MISC., CABLE SPLICING KIT

A QUANTITY OF ONE (1) EACH, 3M SCOTCHCAST 8982/GEL SPLICE KITS HAS BEEN SET UP TO CONNECT THE SENSOR WIRE TO THE DIRECT BURIAL SSI TYPE V CABLE. THIS ITEM SHALL INCLUDE ALL THE TOOLS, ENCAPSULANT, CONNECTORS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO PERFORM THIS WORK.

ITEM SPECIAL-ROADWAY, MISC., ROADWAY MOUNTED E SENSOR

A QUANTITY OF ONE (1) EACH, ROADWAY MOUNTED E SENSORS, PART #72320250, SHADE #9 "NEW ASPHALT" SHALL BE USED. THE EXACT LOCATION OF THE SENSOR IN THE ROAD SHALL BE DETERMINED BY JIM MARSZAL IN ROADWAY SERVICES (216) 581-2333 *290. THE SENSOR WIRE SHALL ONLY BE SPLICED AT A PULL BOX OR AS DIRECTED BY THE ENGINEER. THE SENSOR WIRE SHALL BE PLACED IN A SAW CUT FOR THE LENGTH OF THE ROAD. THE SENSOR CABLE SHALL BE PLACED IN CONDUIT BETWEEN THE EDGE OF THE ROAD AND THE PULLBOX. THE SAWCUT SEALER MATERIAL SHALL NOT REACH A CURING TEMPERATURE OF ABOVE 200 DEGREES F (79 DEGREES C). THIS BID ITEM SHALL INCLUDE ALL THE MATERIALS, SAW CUTTING, BACKER ROD, SAWCUT SEALANT COMPOUND, CONDUIT, EPOXY, GROUNDING ROD, GROUNDING WIRE, TRENCHING, TOOLS, LABOR, AND EQUIPMENT NECESSARY TO INSTALL THIS SENSOR CONFORMING TO THE SPECIFICATIONS OF SSI.

PLOT SUBMITTED: 05-FEB-1998 10:31

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PAVEMENT SENSOR DETAILS
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