MISSOURI S&T NONDESTRUCTIVE EVALUATION OF MODOT BRIDGE DECKS - PILOT STUDY

 TASK ORDER CONTRACT NO. TRYY1308
 BRIDGE NO: A2111
 FACILITY CARRIED: US 54
 DATE OF NDE INVESTIGATION: 05-23-2013

KEYED CONSTRUCTION JOINT

SPAN 1
SPAN 2
SPAN 3

TO I-70 AT KINGDOM CITY

TO FULTON

TOPMOST LAYER:
#5 (DIAMETER=0.625")
DIRECTION: TRANSVERSE
SPACING: 5" O.C
1'-7/8" CLEAR COVER

2ND LAYER:
#4 (DIAMETER=0.5")
DIRECTION: LONGITUDINAL
SPACING: 12" O.C.

OVER BENT:
#4 (DIAMETER=0.5")
DIRECTION: LONGITUDINAL
SPACING: 12" O.C.
BARS 16' LONG ON BOTH SIDES OF CENTERLINE BENT

DIMENSIONS:
TOTAL LENGTH: 175' - 2.25"
SPAN 1 LENGTH: 52' - 9.375"
SPAN 2 LENGTH: 68' - 0.0"
SPAN 3 LENGTH: 54' - 4.875"
TOTAL DECK WIDTH: 46' - 9.0"
ROADWAY WIDTH: 44' - 0.0"

COMMENTS:
CP=CONCRETE PATCH
AFP=ASPHALT FILLED POTHOLE
UCS=UNFILLED CONCRETE SPALL
NUMBERS IN PARENTHESIS CORRESPONDS TO PHOTOGRAPHS