

An equal substitution of the low-relaxation strands for the stress-relieved strands will be permitted.

However, all strands shall be stressed to a maximum of 28,900 pounds per strand.

PRECAST PRESTRESSED CONCRETE DECK BEAM DETAILS PROPOSED BRIDGE CARRYING CH 16 OVER BRANCH TO CROOKED CREEK SECTION 00-00115-01-BR MARION COUNTY, ILLINOIS Job No. 50805

Bar

 A_{I}

B1

Precast Prestressed

Reinforcement Bars

Conc. Deck Bms.

Beam Weight

ROUTE

CH 16

SECTION

00-00115-01-BR

42"

ILLINOIS

4-#5 B₁ bars

3₁" Chamfer

about € of beam.

BILL OF MATERIAL

FOR ONE BEAM

No. Size Length Shape

#3 3'-8" #4

#5 12'-6"

#4 32'-0"

#3 7'-3"

Sq. Ft. 250

Pound 1260

Pound 47,440

#4

Place strands symmetrically

Each End

COUNTY

MARION

TOTAL SHEET SHEETS NO.

14 6

FEDERAL AID PROJECT

CONTRACT NO. 97287

Omit key on exterior face of outside beams.

RHUTASEL and ASSOCIATES, INC.

CONSULTING ENGINEERS • LAND SURVEYORS
CENTRALIA, ILLINOIS
FREEBURG, ILLINOIS

LIFTING LOOP DETAIL