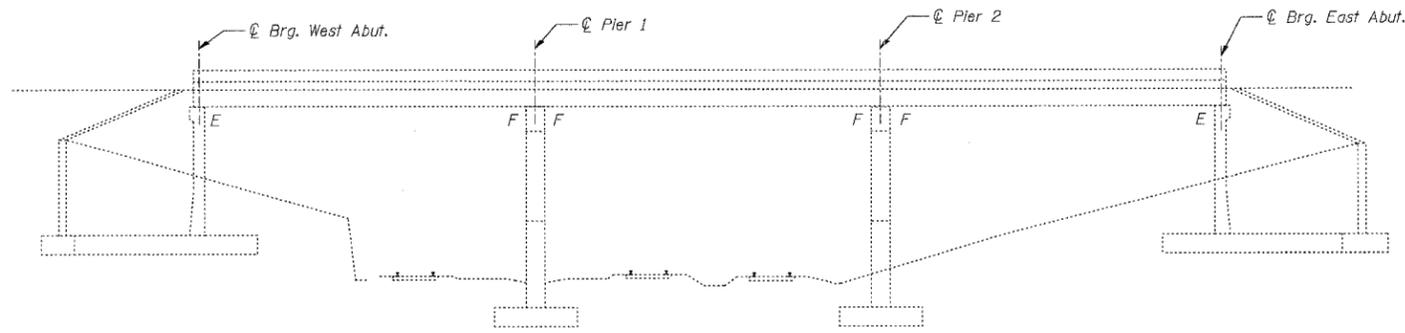


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	70D-Y-B-R	COOK	283	185A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62897				



**ELEVATION**

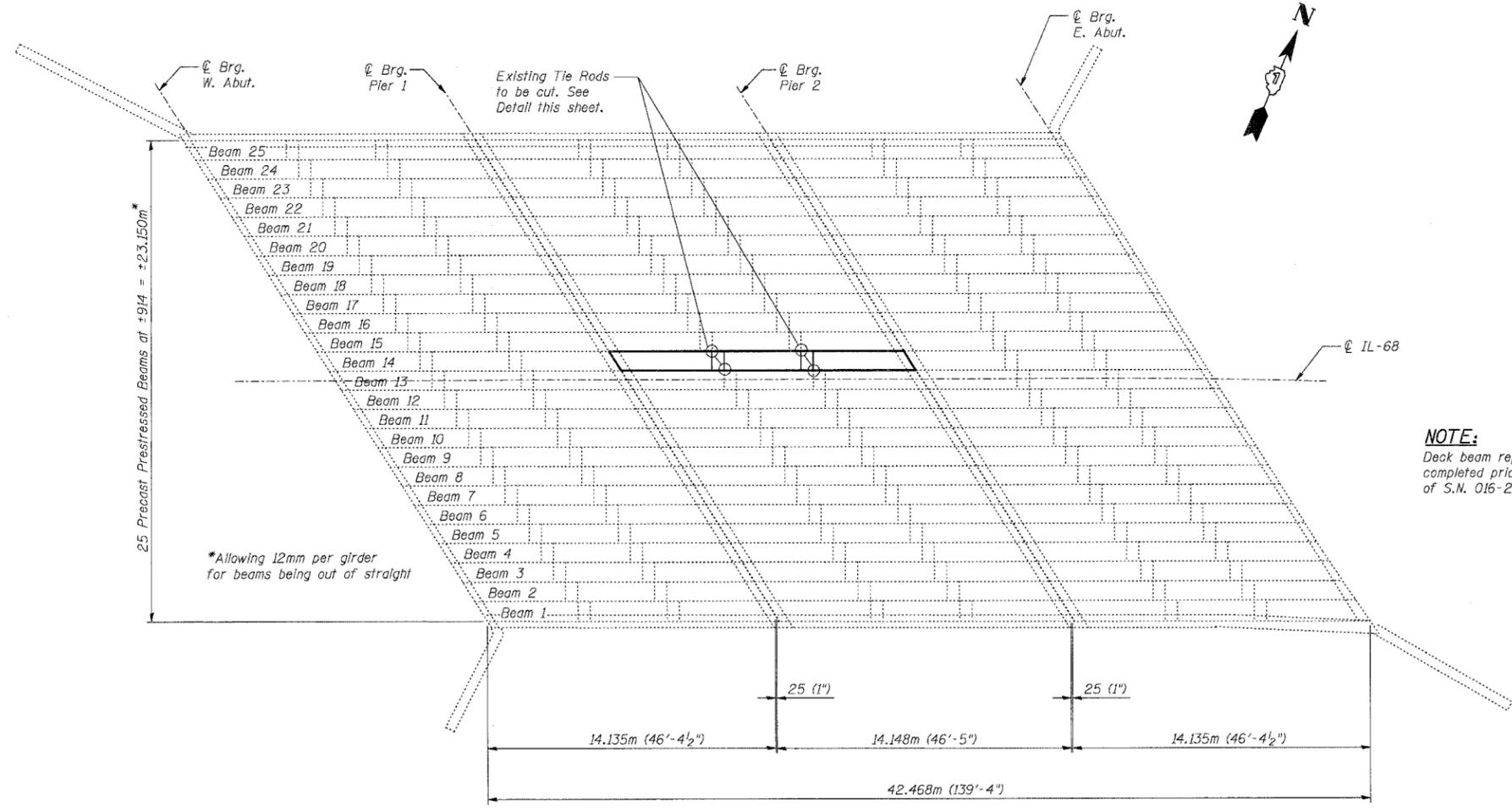
**GENERAL NOTES**

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

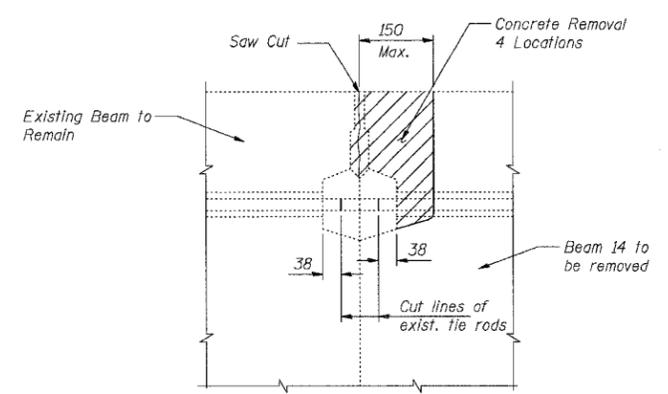
Any damage done to the bridge during beam removal shall be repaired by the Contractor. Cost of any damage and cost of removal of deck beam to be included in the cost of "Erecting Precast Prestressed Concrete Deck Beam (686 MM Depth)".

The top surface of the beams shall be finished in accordance with Article 504.06 of the Standard Specifications except that the surface shall be free of depressions or high spots with sharp corners, and the top edge of keys shall be rounded or chamfered a minimum of 6 mm.

The cut strands at each beam end shall be given two coats of zinc dust spray or paint meeting the requirements of ASTM A 780. The zinc dust spray or paint shall be applied before corrosion appears and allowed to dry according to the manufacturer's specifications prior to another coat of zinc.



**FRAMING PLAN**



**BEAM REMOVAL DETAIL AT TRANSVERSE TIES**

**NOTE:**

Deck beam replacement shall be completed prior to Stage I Construction of S.N. 016-2732.

**DESIGN STRESSES PRESTRESS UNITS**

- f'c = 35 MPa
- f'cl = 28 MPa
- f's = 1860 MPa (12.70mm  $\phi$  Strands)
- f'sl = 1302 MPa (12.70mm  $\phi$  Strands)

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Erecting Precast Prestressed Concrete Deck Beam (686 MM Depth)	m <sup>2</sup>	12.58

Note: Bituminous Concrete Surface Removal is incidental to Erecting Precast Prestressed Concrete Deck Beam (686 MM Depth).

REVISIONS	
NAME	DATE

SHT. S-32 OF S-34

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL ROUTE 68 OVER UPRR  
 F.A.P. ROUTE 343 SECTION 70D-Y-B-R  
 COOK COUNTY STATION 9+900.324  
 STRUCTURE NO. 016-2732  
 EXISTING SN 016-0523 PLAN

DESIGNED: BTO      DRAWN: BTO  
 DATE: 10/06      CHECKED: JAN      CHECKED: JAN