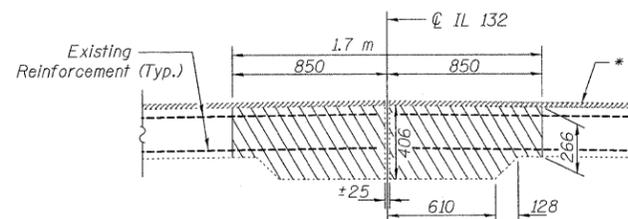


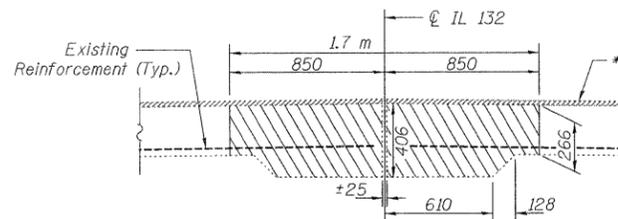
ROUTE NO.	SECTION	COUNTY	STATE SHEETS	SHEET NO.
F.A.P. 866	4N-1	LAKE	165	73
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO.  
4 of 22

Contract No.: 60931



**TYPICAL MIDSPAN**



**APPROACH SPANS**

\* Remove existing 38 mm bituminous overlay and scarify 15 mm of existing concrete deck using Hydro-Scarification

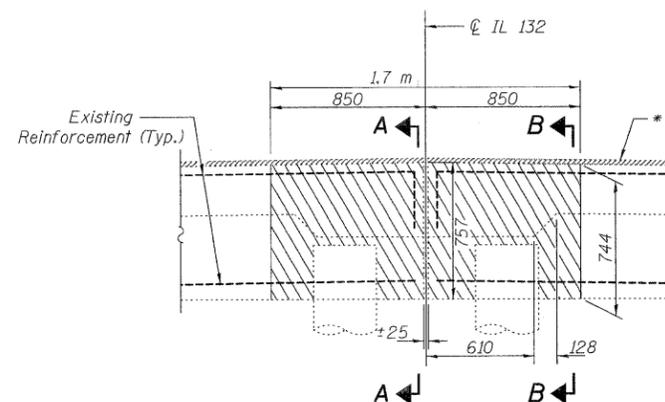
**NOTES**

Hatched areas indicate Concrete Removal. Edges of Concrete Removal areas shall be sawcut 20 mm prior to the removal of the concrete.

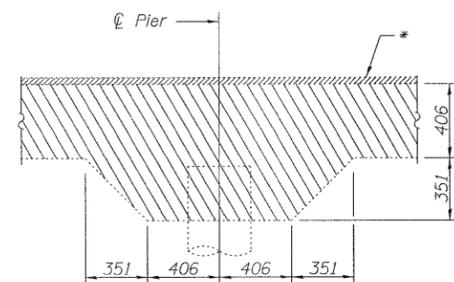
Existing reinforcement bars extending into the removal area shall be blast cleaned to gray metal and straightened. Blast cleaning and straightening shall be included with the cost of Concrete Removal.

Existing reinforcement bars which have lost 25% of their original diameter shall be supplemented by new epoxy coated bars of the same diameter, spliced in place. Furnishing and placing supplemental epoxy coated reinforcement bars shall be included with the cost of Reinforcement Bars, Epoxy Coated.

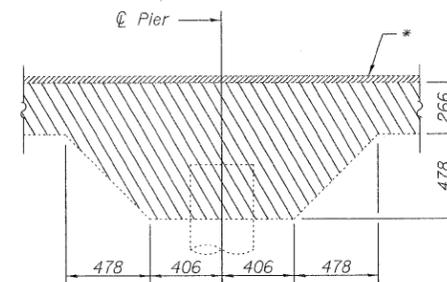
Care shall be exercised by the Contractor during and following removal operations to ensure that the existing rebar remaining in place are not damaged. All protruding rebar shall be cleaned, straightened, and properly positioned prior to concrete placement. Any rebar damaged during concrete removal shall be repaired or replaced using an approved Bar Splicer or Mechanical System. Cost included with Concrete Removal.



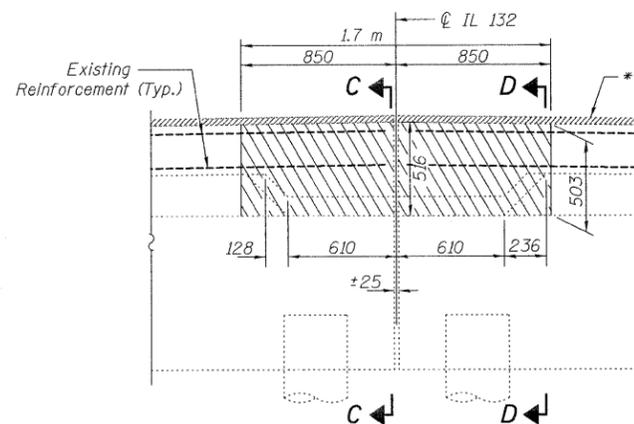
**PIERS 2, 3, 5, 6, 8, 9, 11, 12, 14 & 15**



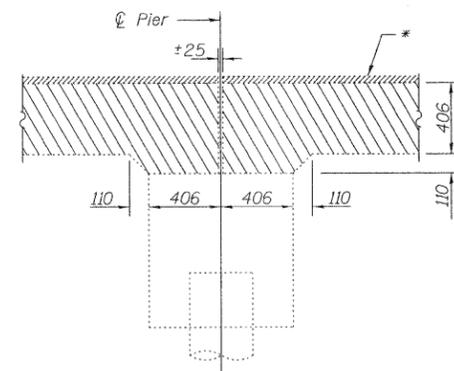
**SECTION A-A**



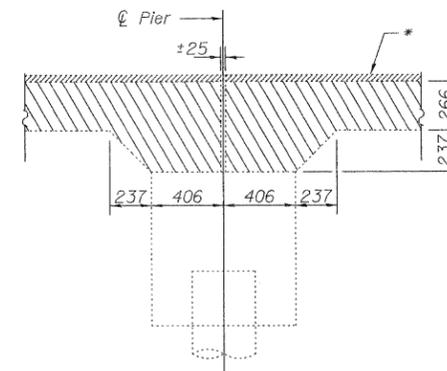
**SECTION B-B**



**PIERS 1, 4, 7, 10, 13 & 16**



**SECTION C-C**



**SECTION D-D**

**BILL OF MATERIAL**

(Includes Approach Slabs)

ITEM	UNIT	QUANTITY
Concrete Removal	Cu M	80.5
Hot-Mix Asphalt Surface Removal (Deck)	Sq M	1624
Bridge Deck Hydro-Scarification 15 mm	Sq M	1624



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CONCRETE REMOVAL DETAILS  
 IL RTE. 132 LAND BRIDGE  
 FAP RTE 866 - SEC 4N-1  
 LAKE COUNTY  
 STA. 1+143.3  
 SN 049-D002  
 DATE: 11-06-09  
 DRAWN BY: BLB  
 CHECKED BY: WJV