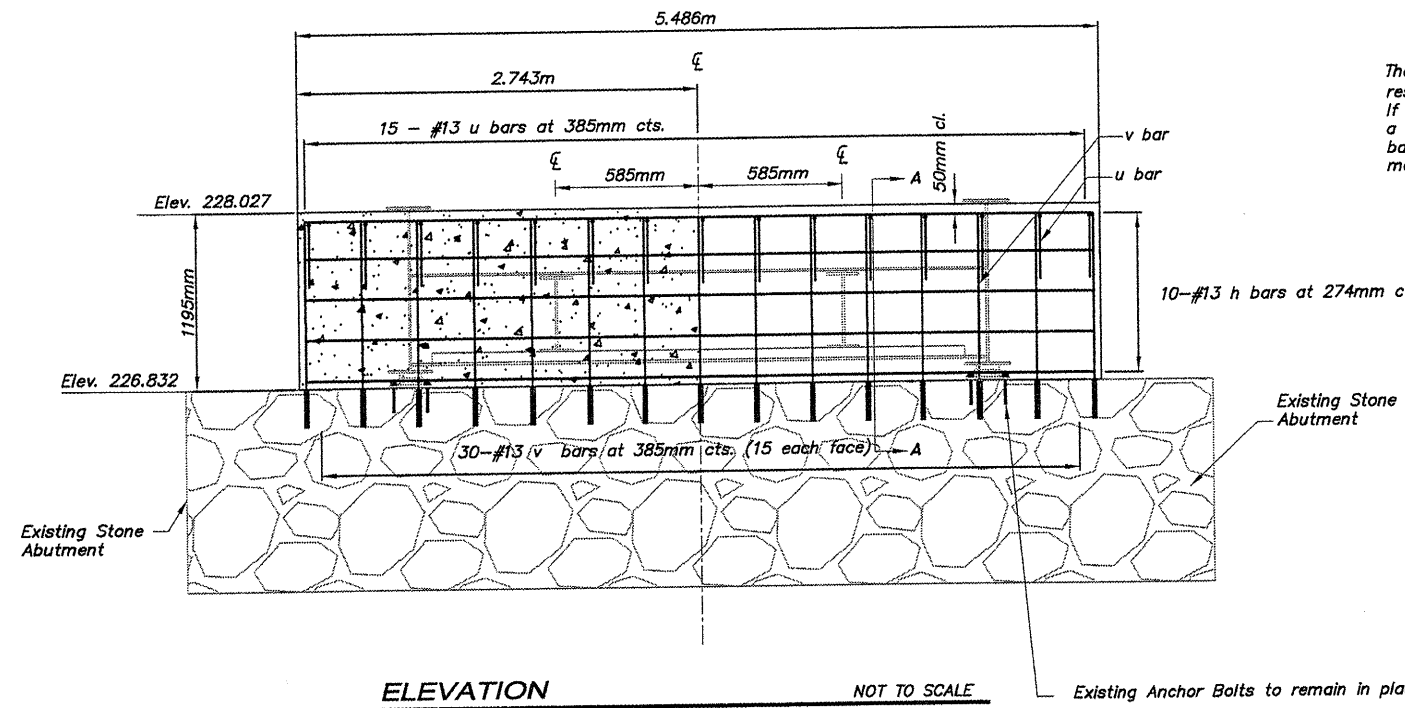
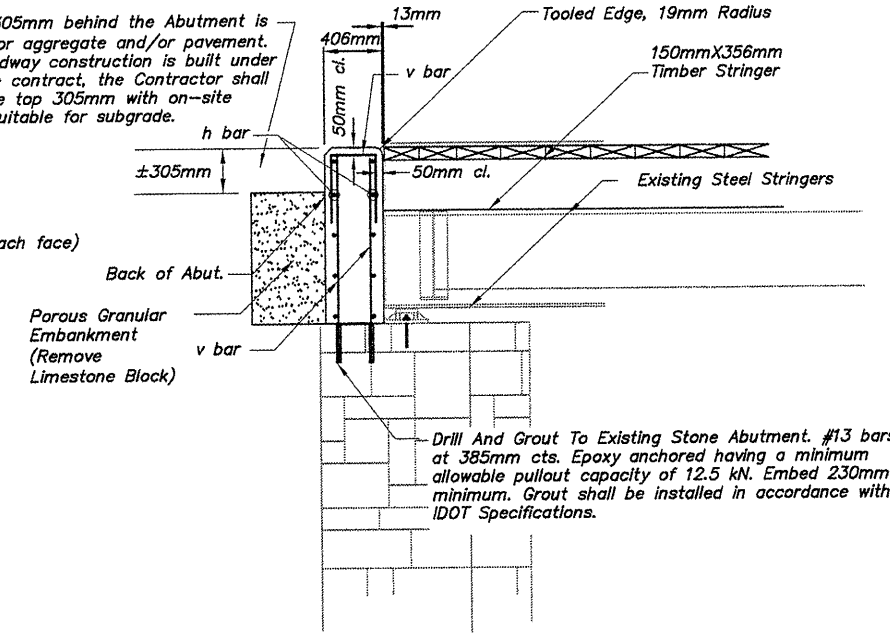


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



The final 305mm behind the Abutment is reserved for aggregate and/or pavement. If the Roadway construction is built under a separate contract, the Contractor shall backfill the top 305mm with on-site material suitable for subgrade.



**BILL OF MATERIAL**

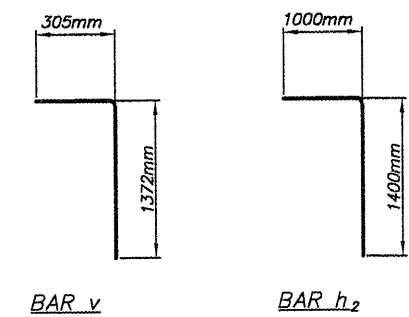
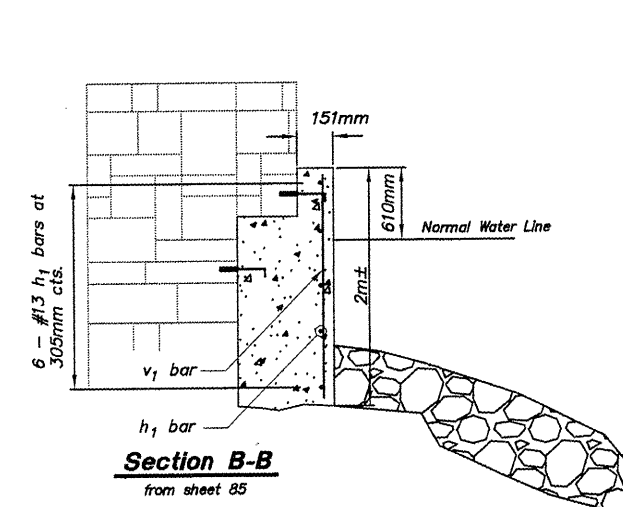
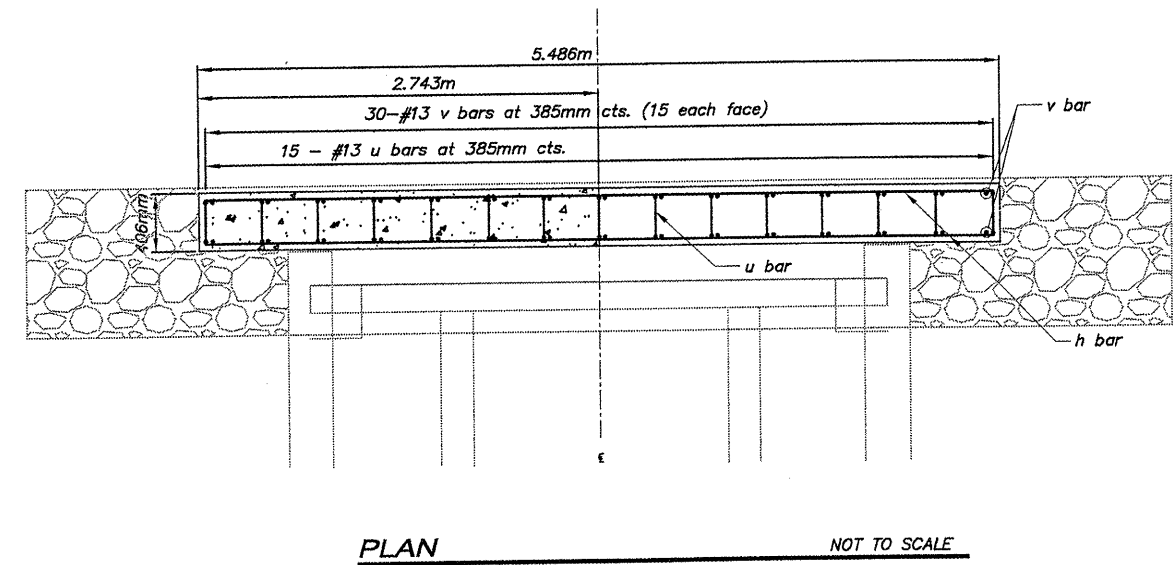
For Both Abutments

Bar	No.	Size	Length	Shape
h	20	#13	5.385m	—
h <sub>1</sub>	6	#13	2.400m	└┘
v	60	#13	1.375m	—
v <sub>1</sub>	8	#13	1.900m	—
u	30	#13	1.225m	└┘

Treated Timber Size	No.	Cu. M.
305mmX100mmX3.378m	37	3.812
150mmX356mmX3.868m	12	2.479
150mmX356mmX3.530m	6	1.131
150mmX150mmX4.267m	2	0.192
150mmX150mmX3.504m	4	0.315
50mmX150mmX4.267m	8	0.256
50mmX150mmX3.962m	16	0.475
25mmX200mmX4.267m	2	0.043
25mmX200mmX3.692m	4	0.074
150mmX150mmX0.457m	18	0.185
150mmX150mmX1.829m	18	0.741

Concrete Structures	Cu. M.	5.32
Reinforcement Bars	Kg	361
Drill and Grout Bars	Each	72
Expansion Bolts, M20	Each	12



**BRIDGE DETAILS**  
**BRIDGE 121**  
**OVER THE SUMNER CREEK**  
**WINNEBAGO COUNTY**  
**SECTION NO. 94-00267-00-BT**  
**STATION 28+215.43**

SHEET 4 OF 4

**CONCRETE ABUTMENT DETAILS**

<p>SHEET REVIEW</p> <table border="1"> <thead> <tr> <th>AGENCY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		AGENCY	DATE			<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>ITEM</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	ITEM	DATE				<p>SCALE: N/A</p> <p>DRAWN BY: REK</p> <p>CHECKED BY: JWH</p> <p>DATE: DECEMBER 12, 2011</p>	<p>7282 Argus Drive Rockford, Illinois 61107-8937 (815) 398-2332 FAX: (815) 398-2486 Design Firm License: Illinois 184-000818 Copyright 2011 By McClure Engineering Associates, Inc.</p>	<p><b>BRIDGE NO. 121 DETAILS 3</b></p> <p>WINNEBAGO COUNTY HIGHWAY DEPARTMENT      SECTION 94-00267-00-BT</p> <p>FILE:H:\10-042 WINN CO PEC PATH\DESIGN\DRAWINGS\BRIDGES\10-042 B121.DWG      JOB:04-50-10-042</p>	<p>SHEET NO.</p> <p>87 OF 107</p>
AGENCY	DATE																
NO.	ITEM	DATE															