

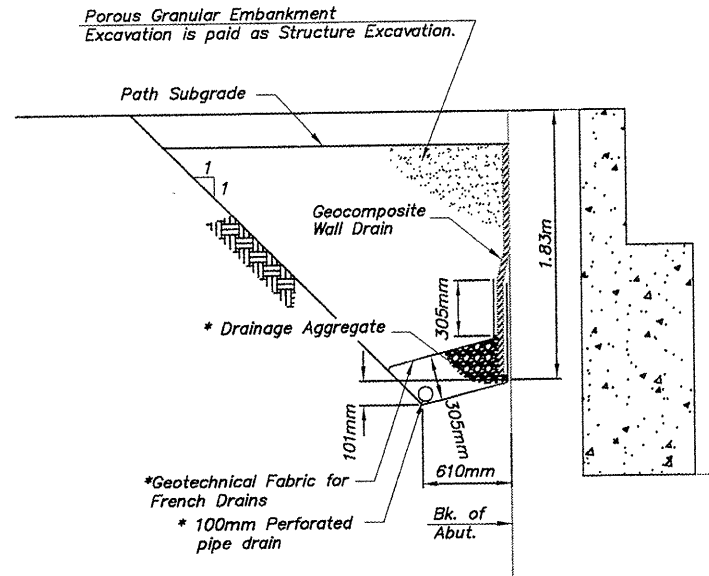
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BILL OF MATERIAL**  
For Both Abutments

Bar	No.	Size	Length	Shape
h	22	#19	4.597m	—
h <sub>1</sub>	17	#16	4.597m	—
h <sub>2</sub>	16	#16	2.000m	—
h <sub>3</sub>	8	#13	2.600m	—
h <sub>4</sub>	4	#16	2.500m	—
h <sub>5</sub>	12	#13	0.610m	—
v	64	#16	1.750m	—
v <sub>1</sub>	32	#13	1.321m	—
v <sub>2</sub>	32	#13	0.700m	—
v <sub>3</sub>	36	#13	1.064m	—
u	32	#16	1.930m	□
u <sub>1</sub>	32	#13	1.430m	□

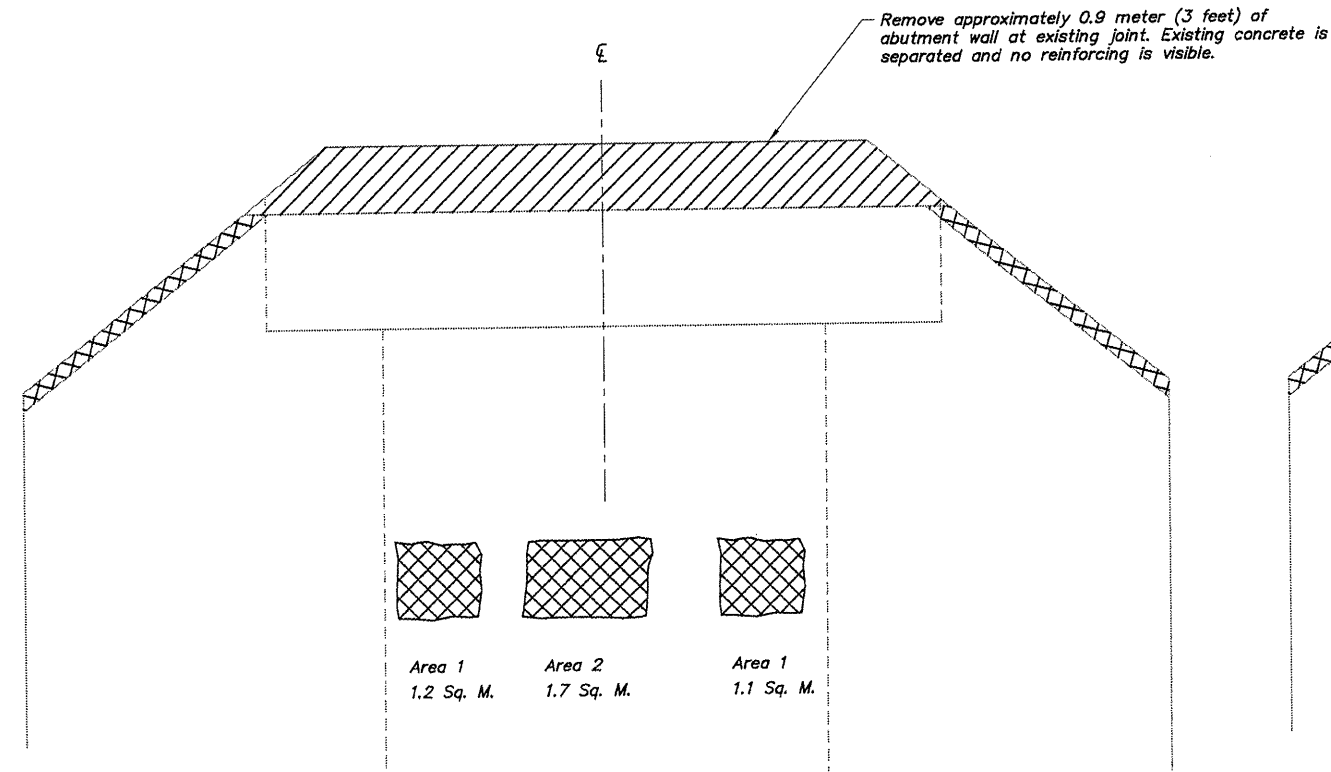
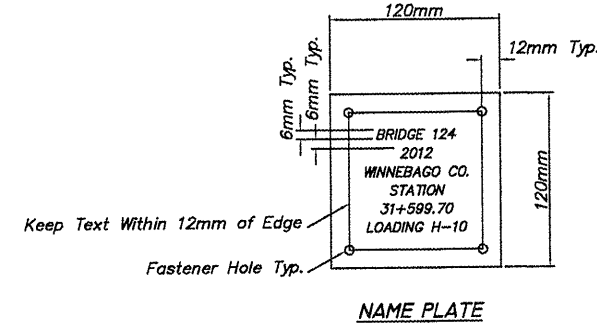
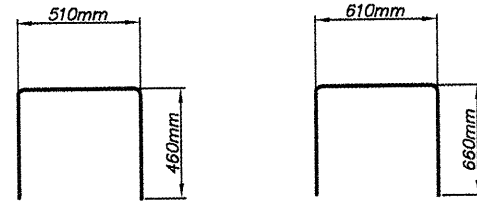
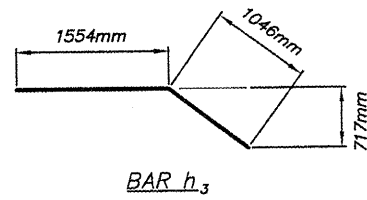
  

Structure Excavation	Cu. M.	56.6
Expansion Bolts M20	Each	48
Concrete Structures	Cu. M.	17.91
Reinforcement Bars	Kg	851
Drill and Grout Bars	Each	132
Anchor Bolts M24	Each	8
Structural Repair of Concrete (Depth Greater than 125mm)	Sq. M.	17.9
Structural Repair of Concrete (Depth Equal or Less than 125mm)	Sq. M.	5.7

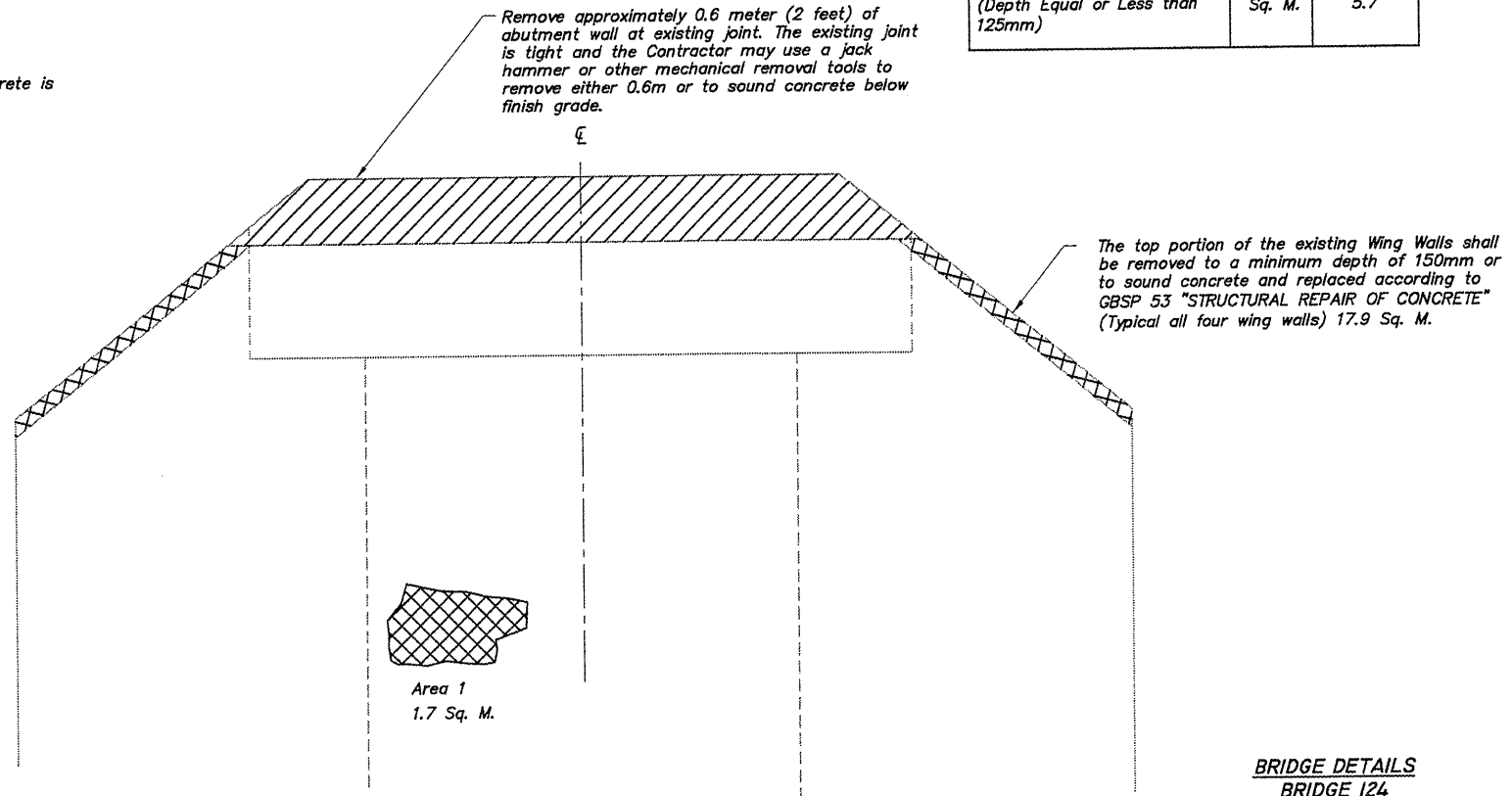


\* Included in the cost of Pipe Underdrains for Structures 100mm.  
All drainage system components shall extend to 610mm (2') from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)

**Pipe Underdrain Detail**



**EAST ABUTMENT ELEVATION** NOT TO SCALE



**WEST ABUTMENT ELEVATION** NOT TO SCALE

**BRIDGE DETAILS**  
**BRIDGE 124**  
**OVER KERR CREEK**  
**WINNEBAGO COUNTY**  
**SECTION NO. 94-00267-00-BT**  
**STATION 31+599.70**

SHEET 4 OF 4

	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr><th colspan="2">SHEET REVIEW</th></tr> <tr><th>AGENCY</th><th>DATE</th></tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	SHEET REVIEW		AGENCY	DATE					<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr><th colspan="4">REVISIONS</th></tr> <tr><th>NO.</th><th>ITEM</th><th>DATE</th><th> </th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS				NO.	ITEM	DATE										SCALE: N/A DRAWN BY: REK CHECKED BY: JWM DATE: DECEMBER 12, 2011	7282 Argus Drive Rockford, Illinois 61107-5937 (815) 398-2332 FAX (815) 398-2498 Design Firm License: Illinois 184-000816 Copyright 2011 By McClure Engineering Associates, Inc.	<b>BRIDGE NO. 124 DETAILS 3</b> PECATONICA PRAIRIE PATH WINNEBAGO COUNTY HIGHWAY DEPARTMENT SECTION 94-00267-00-BT FILE: H:\10-042 WINN CO PEC PATH\DESIGN\DRAWINGS\BRIDGES\10-042 B124.DWG JOB: 04-20-10-042	SHEET NO. <b>95</b> OF <b>107</b>
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