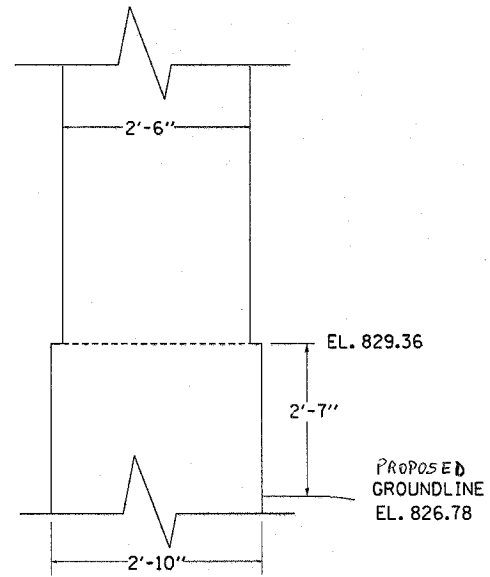


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WINNEBAGO	317	97
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# CRASH WALL RETROFIT DETAILS

SN 101-0135



CROSS SECTION  
 (@ PIER 1)

## GENERAL NOTES

1. 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 THE WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.
2. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENT OF AASHTO M31, OR M322 GRADE 60.
3. ALL CONSTRUCTION JOINTS SHALL BE BONDED.
4. REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
5. ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER.

DESIGN STRESSES  
 $f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (reinforcement bars)

## TOTAL BILL OF MATERIALS

BAR	NO.	SIZE	LENGTH	SHAPE
H(E)	15	#5	7'-0"	—————
H <sub>1</sub> (E)	26	#5	10'-3"	—————
H <sub>2</sub> (E)	14	#5	12'-0"	—————
V(E)	48	#5	3'-6"	—————
V <sub>1</sub> (E)	88	#5	3'-3"	—————
V <sub>2</sub> (E)	44	#5	2'-7"	—————
V <sub>3</sub> (E)	52	#5	5'-11"	—————
CONCRETE STRUCTURES			CU YD	16.7
REINFORCEMENT BARS EPOXY COATED			POUND	1470

PLOT DATE = Thu Dec 23 11:05:46 2004  
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