

		STA		UMBER	
		2	2980-08-	70	
DESIG		•			
LIVE LOAD: 90 PSF 20,000 35 PSF	PEDESTRIAN I LB. VEHICLE L WIND LOAD (	– LOAD LOAD (H-10) AS IF ENCLOSE	ED)		
20 PSF HORIZONTAL 40 P.S.I SURCH	WIND UPLIFT EARTH PRESS F. EQUIVALEN ARGE PRESSU	URE: IT FLUID PRESS IRE = 2'-0" OF	SURE. EARTH.		
ULTIMATE DE CONCR CONCR	ESIGN STRESSE RETE DECK RETE SUBSTRU	ES:		_f'c = 4,000 ps _f'c = 3,500 ps	și și
STEEL F HIGH S ASTM	REINFORCEME TRENGTH STR A847, ASTM A	NT NCTURAL STE 588, ASTM A6	EL 606,	_fy = 60,000 p	si
ASTM / FOUNDATION ABUTM CONCR DRIVEN PER PIL	A709 OR ASTN N DATA: //ENT TO BE SU //ETE 10 3/4-IN N TO A REQUIF .E AS DETERM	/I A242 JPPORTED ON ICH, WITH 0.2: RED DRIVING F INED BY THE I	I PILING CAST- 19-INCH MININ RESISTANCE OF MODIFIED GAT	. fy = 50,000 p IN-PLACE MUM SHELL TI <sup>=</sup> 110 TONS** 'ES	si HICKNESS
DYNAN PLATES SOUTH	AIC FORMULA WELDED TO ABUTMENT A	. PROVIDE 1 1 BASES OF PILE AND 85' LONG	/4-INCH MININ S. ESTIMATED AT NORTH AB	AUM THICKNE 85' LONG AT UTMENT.	ESS END
THE FA USED F MULTII	CTORED AXIA OR DESIGN IS PLIED BY A RE	L RESISTANCE THE REQUIRE SISTANCE FAC	OF PILES IN CO D DRIVING RE TOR OF 0.5 US	OMPRESSION SISTANCE ING	
	IED GATES TO		REACT	APACITY.	
LOAD	ТҮРЕ	P (LBS.)	H (LBS.)	L (LBS.)	
DEAD LOAD			$\Lambda$	$\Lambda$	A
UNIFORM 90	LIVE LOAD, PSF			$  \rangle /$	′
VEHICLE I	LIVE LOAD			$\Box$	
WIND UPLIFT, 20 PSF WINDWARD/LEEWARD			$/ \land$		
WIND				$ / \rangle$	
SEISMIC		$\searrow$	$\searrow$	7	
THERMAL		$\square$			
				r)	_
P = VERTICAL H = HORIZON L = LONGITUE <u>NOTES:</u> 1. VALUE: BE PRO 2. "+" INC "-" IND 3. ESTIMA VERIFIE	S IN THIS TAB DINAL LOAD AT S IN THIS TAB DVIDED BY PRE DICATES DOW NICATES UPWA ATED BRIDGE ED BY BRIDGE	CH BASE PLATE EACH SPAN EI IT FIXED BEAR LE ARE ESTIM/ FFABRICATED NWARD LOAD NWARD LOAD. LIFTING WEIG MANUFACTU	(4 PER BRIDG ND (2 PER BRII ING (4 PER BRI ATES. ACTUAL BRIDGE MANU D. HT = 52,800 LE RER).	DGE) DGE) VALUES SHAL JFACTURER. 3S (TO BE	L
P = VERTICAL H = HORIZON L = LONGITUI NOTES: 1. VALUE: BE PRO 2. "+" IND 3. ESTIMA VERIFIE	ICAD AT EAC ITAL LOAD AT DINAL LOAD A S IN THIS TAB IVIDED BY PRE DICATES DOW ICATES DOW ICATES UPWA ATED BRIDGE ED BY BRIDGE NO. DATE	H BASE PLATE EACH SPAN EI T FIXED BEAR LE ARE ESTIM/ FRABRICATED NWARD LOAD LIFTING WEIG MANUFACTU	(4 PER BRID ND (2 PER BRII ING (4 PER BRI ATES. ACTUAL BRIDGE MANU ). HT = 52,800 LE RER).	E) DGE) DDE) VALUES SHAL JFACTURER. 3S (TO BE	L
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P = VERTICAL H = HORIZON L = LONGITUI NOTES: 1. VALUE BE PRC 2. "+" IND 3. ESTIMA VERIFIE	IDAL LOAD AT EAC DINAL LOAD AT DINAL LOAD A S IN THIS TAB WIDED BY PRIDICATES UPWA ATED BRIDGE D BY BRIDGE NO. DATE	CH BASE PLATE EACH SPAN EI T FIXED BEAR LE ARE ESTIMA FRABRICATED NWARD LOAD. LIFTING WEIG MANUFACTU MANUFACTU MANUFACTU MANUFACTU MANUFACTU MANUFACTU MANUFACTU MANUFACTU	(4 PER BRID ND (2 PER BRI ING (4 PER BRI BRIDGE MANU ). HT = 52,800 LE REVISION REVISION VISCONSIN )-251-4843 (251-8655 FAX W.STRAND.COM C OF WISCONSIN T OF TRANSPO	AUDES SHAL DGE) VALUES SHAL JFACTURER. 3S (TO BE 53715	L BY
P = VERTICAL H = HORIZON L = LONGITUI NOTES: 1. VALUE BE PRC 2. "+" INC "-" IND 3. ESTIMA VERIFIE	ACCEPTED	CHIEF STRUCTUR	(4 PER BRID ND (2 PER BRI ING (4 PER BRI ATES. ACTUAL BRIDGE MANU ). HT = 52,800 LE RER). REVISION REVISION REVISION ISON, WISCONSIN ).251-8655 FAX WISTRAND.COM E OF WISCONSIN T OF TRANSPO ES DESIGN ENGIN B-40-11	VALUES SHAL JFACTURER. 3S (TO BE 53715 N RTATION IEEER	L BY
P = VERTICAL H = HORIZON L = LONGITUI NOTES: 1. VALUE BE PRC 2. "+" IND 3. ESTIMA VERIFIE	ACCEPTED	CHIEF STRUCTUR	(4 PER BRIDG ING (2 PER BRI ING (4 PER BRI BRIDGE MANL BRIDGE MANL ). HT = 52,800 LE (RER). REVISION ISON, WISCONSIN )-251-4843 (251-8655 FAX W.STRAND.COM E OF WISCONSIN T OF TRANSPO ES DESIGN ENGIN B-40-111 (RAIL OVER RO	N RTATION IEEER DZ OJACTURES S3715 DI DJ DJ OT RIVER	L BY
P = VERTICAL H = HORIZON L = LONGITUI NOTES: 1. VALUE BE PRC 2. "+" INL "-" IND 3. ESTIMA VERIFIE	ACCEPTED	CHIEF STRUCTUR CHIEF STRUCTUR	(4 PER BRID ND (2 PER BRII ING (4 PER BRI ATES. ACTUAL BRIDGE MANL ). HT = 52,800 LE (RER). REVISION ISON, WISCONSIN 251-4843 ) 251-8655 FAX W.STRAND.COM ES DESIGN ENGIN B-40-111 (RAIL OVER RO	P) DGE) DGE) VALUES SHAL JFACTURER. 3S (TO BE 53715 N RTATION IEEER D/ 03 OT RIVER GRE	L BY ATE ENFIELD

I.D.

**GENERAL PLAN** 

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