

V.C. = 130'

V.P.C. STA. 9+35. EL. 1358.58

+0.50%

PROFILE GRADE LINE - HIGHLAND AVE.

O TOWN AND				Marie Control of the						
	BENCHMARKS									
	NO.	LOCATION	DESCRIPTION	ELEV.						
		400 E 400 A001 A 400 A 7 S 2 C		1357.87						
	, my	7+75, 53' RT.	TOP OF BOULDER	1358.05						

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

CONSTRUCTION REQUIREMENTS SHALL CONFORM TO SECTION 507.

ALL TIMBER IS TO BE CREOSOTE OR PENTACHLOROPHENOL

TREATED PER SECTION 507.

ALL HARDWARE TO BE GALVANIZED PER SECTION 507.

TALL TIMBER IS ROUGH CUT UNLESS OTHERWISE NOTED.

TIMBER CONNECTORS AND HARDWARE SHALL BE INCLUDED IN

THE BID ITEM "TREATED LUMBER AND TIMBER".

DESTROY THREADS ON ALL BOLTS WITH A CENTER PUNCH

DESTROY THREADS ON ALL BOLTS WITH A CENTER PUNCH AFTER TIGHTENING NUT.

BOLT PROJECTIONS EXCEEDING 1" SHALL BE CUT OFF. REPAIR END OF BOLT BY PAINTING WITH ZINC RICH PRIMER.

GLU-LAM RAILING & TIMBER DECK PANELS TO BE INCLUDED IN THE BID ITEM, "TREATED LUMBER AND TIMBER".

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP AND GEOTEXTILE FABRIC TO THE EXTENT SHOWN ON THIS SHEET AND IN THE ABUTMENT DETAILS.

THIS STRUCTURE WILL REPLACE EXISTING BRIDGE P-35-0942, A 22.6 FT. LONG SINGLE SPAN, 23.3 FT. CLEAR ROADWAY WIDTH, STEEL DECK GIRDER SET ON FULL RETAINING CONCRETE ABUTMENTS.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES" FOR THE ABUTMENTS.

AT THE ABUTMENTS ALL EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH GRANULAR

BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH GRANULAR BACKFILL. PAYMENT WILL BE INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES, BRIDGES B-35-131".

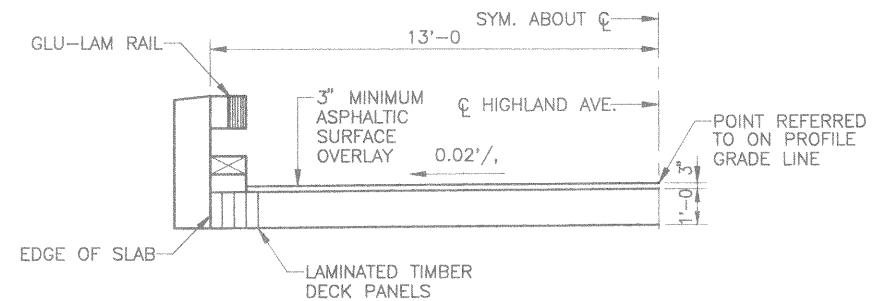
DEWATERING IF NECESSARY TO ATTACH THE BOTTOM TIMBER BACKING PLANKS FOR THE ABUTMENTS SHALL BE INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES, BRIDGES B-35-131".

PILES AND STEEL PLATES SHALL BE PAINTED PER SUPPLEMENTAL SPECIFICATIONS 511.3.5.

SUPERSTRUCTURE SHALL BE IN PLACE BEFORE ABUTMENTS ARE BACKFILLED ABOVE THE BERM ELEVATIONS. BACKFILL SIMULTANEOUSLY TO AVOID RACKING OF SUPERSTRUCTURE.

GENERAL NOTE FOR FUTURE MAINTENANCE

WHEN PLACING FUTURE WEARING SURFACE OVERLAY ON TOP OF ASPHALTIC SURFACE SHOWN ON THIS PLAN, THE THICKNESS OF THE OVERLAY MUST BE TAPERED NEAR THE VICINITY OF THE RAILING TO MAINTAIN THE REQUIRED (CRASH TESTED) DISTANCE OF 32 INCHES FROM TOP OF WEARING SURFACE TO TOP OF RAIL.



HALF-CROSS SECTION THRU ROADWAY

TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	WEST ABUT.		SUPER	TOTAL
REMOVING OLD BRIDGE, STATION 10+00	L.S.	mannaningan benambbidih	Onicional a Establishment Control (1994)	4989469888AW4888931039888	*
EXCAVATION FOR STRUCTURES, BRIDGES B-35-131	L.S.	alastumomasismoogista (r ²
STRUCTURAL CARBON STEEL		160	160	2 STATE AND STATE OF THE STATE	320
TREATED LUMBER AND TIMBER	MBM	1.8	1.8	8.9	12.5
STEEL PILING DELIVERED & DRIVEN HP 10 INCH, 42 POUND	l., F.,	210	175	monority partitifethy valuation shahring on-	385
HEAVY RIPRAP	C.Y.	25	25	Caratre Conservation of American American	50
GEOTEXTILE FABRIC, TYPE DF	S.Y.	35	35	nderformeldelskaldföldel köldelskal	70
GEOTEXTILE FABRIC, TYPE HR	S.Y.	50	50	200 - 200 -	100
		<u></u>	Witaramanno (Nonnoraliano es sonató e	Benyo vedinto o Odert Million III million Million	STORES OF THE PROPERTY OF THE

STATE PROJECT NUMBER SHEET NO.

9852-04-71

DESIGN DATA

LIVELOAD:

DESIGN RATING : HS-20
INVENTORY RATING : HS-25

TRAFFIC DATA:

A.D.T. (1995) = 20A.D.T. (2015) = 30

OPERATING RATING: HS-35
STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF

20 POUNDS PER SQUARE FOOT.

MAX. STD. PERMIT VEHICLE LOAD = 180 KIPS

ALLOWABLE DESIGN STRESSES:

Control Contro				
TIMBER RAIL POSTS (NO HEARTWOOD ALLOWED)	- fb	-gommetoo	1,900	P.S.
GLU-LAM RAILING (DRY CONDITION)	- fb	Solicitude Delicitude	2,400	P.S.
FLOOR PLANKS FOR PREFAB PANELS	- fb	52000-2011- 67700-2011-	1,500	P.S.
ALL OTHER TIMBER	- fb	entality (c)	1,300	P.S.

FOUNDATION DATA:

ABUTMENTS SHALL BE SUPPORTED ON HP 10x42 STEEL PILING DRIVEN TO SOUND ROCK WITH A MINIMUM BEARING VALUE OF 40 TONS PER PILE. ESTIMATED PILE LENGTHS ARE 30'-0 AT THE WEST ABUTMENT AND 25'-0 AT THE EAST ABUTMENT.

HYDRAULIC DATA:

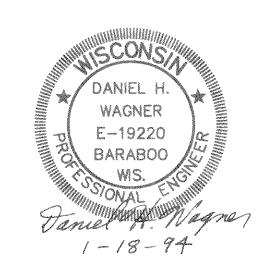
100 YEAR FREQUENCY

DRAINAGE AREA	
Q 100	· 510 C.F.S.
VELOCITY	
WATERWAY AREA	·63 SQ. FT.
HIGH WATER 100 ELEVATION	·1356.7 ±
ROADWAY OVERFLOW DESIGN FREQUENCY-	
SCOUR CRITICAL CODE	- 8

LIST OF DRAWINGS

1. GENERAL PLAN

- 2. SUBSURFACE EXPLORATION
 - 3. ABUTMENTS
 - 4. ABUTMENT DETAILS
- 5. SUPERSTRUCTURE
- 6. SUPERSTRUCTURE DETAILS



BRIDGE OFFICE CONTACT: (608) 264-9425

						and the second		
No.	Date	No. Renovo compressiva transmission	R	evision			des de la companya de	Ву
ostovinemusumkatele	llaten verannen vyyset ditees 5 km z ver pion pion antidi aelesa,	лівново постаном (Outerpol) терій болі не біно родо боло постанового постанового постанового постанового поста	PLANS F	PREPARED	ВҮ		705	\$0000000000000000000000000000000000000
				STATE ASS S. BLVD.,				913
35/1/2011/01/01/01/04/54/04		DEPART	MENT O	F WISCON F TRANSP)F HIGH	ORTAT		company or the United States of School Control o	Actualisativa del conservado de la conservada de la conse
		TRUCT	URC		Control of the contro			31
#*************************************	}=# { (SHLAND A	VENUE	OVER	DEVIL	S CRI	· L. K	1/00enay/1/0707/0800
Count	() }	LINCOLN	kemannan kenantan ke	Town/Gity/	Whage	COR	NING	NAMES OF THE PROPERTY OF THE P
Desig	n Spec.	AASHTO 1	992	Load HS	-20	Const. Spec.	WI "	89"
Desig By	ned DHN	Design Checked	RJR	Drawn By RL	Ŕ	Plans Checke	d DH	0
Approved State Bridge Engineer Da)ate	d Hamilton o Advisorial de version de la companya del companya de la companya de la companya del companya de la			
and the second s		SHEET 1			OF	8		
GENERAL PLAN				international and and and	godytral opposition of the street	**************************************	DANGER CONTRACTOR	