

Inspection Report for B-36-071

IH 43 NB over USH 10 EB-STH 42 SB Jun 28,2017



Туре	Prior	Frequency (mos)	Performed
Routine	09-09-15	24	X
Deck Evaluation	06-16-16	0	
SIA Review	09-09-15	48	

Latitude 44°06'33.41"N Longitude 87°43'50.10"W Owner STATE HIGHWAY DEPT
Maintainer STATE HIGHWAY DEPT

Time Log		Team members
Hours	Minutes	Dale Weber
0	30	

Name	Number	Signature	Date
Inspector		Brady Kades	
Rades, Brady	3015	E-signed by Brady Rades(dotbpr)	06-28-17

page 2

Identification & Location

Feature On: IH 43 NB	Section Town Range: S15 T19N R23E	Structure Number:
Feature Under: USH 10 EB-STH 42 SB	County: MANITOWOC	B-36-071
Location 2.8M N JCT USH 151	Municipality: MANITOWOC RAPIDS	Structure Name:

Geometry Traffic

measurements in feet, except where noted Approach Roadway Width: 40 Bridge Roadway Width: 40.0 Total Length: 157.8 On Approach Pavement Width: Deck Width: Deck Area (sq ft): 43.0 6785					
				On	
	Approach Pavement Width: 24	Deck Width: 43.0	Deck Area (sq ft): 6785	Under	

	Lanes	ADI	AD I year	Hamic Falletti
On	2	10100	2017	ONE WAY TRAFFIC
Under	5	5000	2017	TWO WAY TRAFFIC

Capacity Load Rating

- apacity			
Inventory rating: HS14	Overburden depth (in): 2.0	Last rating date: 07-22-15	Controlling: INTERIOR DECK GIRDER Positive Moment
Operating rating: HS21	Deck surface material: CONCRETE	Re-rate for capacity (Y/N):	Control location: SPAN 1
Posting:	Re-rate notes:		

Hydraulic Classification

Scour Critical Code(113): (N) NO WATERWAY	Q100 (ft3/sec): 0	
High water elevation (ft):	Velocity (ft/sec):	Sufficiency #:
0.0	0.0	_

Span(s)

Span #	Material	Configuration	Depth (in)	Length (ft)	Main	
1	CONT PREST CONC	DECK GIRDER	45	76.0		
2	CONT PREST CONC	DECK GIRDER	45	80.0	Y	

Expansion joint(s) Temperature: File: New:

Clearance

Item	File Measurement (ft)	File Date	New Measurement (ft)
Highway Min Vertical Under Cardinal	17.39		
Highway Min Vertical Under Non-Cardinal	17.06		
Horizontal Under Cardinal	34.0		
Horizontal Under Non-Cardinal	46.0		
Highway Min Vertical On Cardinal			
Horizontal On Cardinal			

Construction History

Year	Work Performed	FOS id
2016	OVERLAY - CONCRETE	1224-21-71
9999	NOT BUILT	1224-71-21
2001	OVERLAY - BITUMINOUS	1224-07-71
1992	REPAIR DECK	
1979	NEW STRUCTURE	1225-01-87

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Maintenance Items

Item	Priority	Recommended by	Status	Status change
Approach - Seal Approach to Paving Block	MEDIUM	Rades, Brady (3015)	IDENTIFIED	06/28/17
hot rubber				
Deck - Seal Surface Cracks	MEDIUM	Rades, Brady (3015)	IDENTIFIED	06/28/17
MMA				
Expansion Joints - Seal	MEDIUM	McDowell, Jim W (3008)	DEFERRED	04/07/16
With hot rubber				

Elements

							Quantity in Co	ndition State	
Chk	Element	Defect	Description Description	UOM	Total	1	2	3	4
Х	12		Reinforced Concrete Deck	SF	6,785	6,713	72	0	0
			Delamination - Spall - Patched Area	SF		0	4	0	0
		1080	CS-2: Full depth patch area in Span 1 (4sf)						
		4400	Cracking (RC)	SF		0	68	0	0
		1130	CS-2: Diagonal cracking at all abutment corn	ers (68st)				
			Concrete Overlay	SF	6,785	0	6,785	0	0
	8514		Concrete overlay placed in 2016						
			Crack (Wearing Surface)	SF		0	6,785	0	0
		3220	CS-2: Map cracking throughout entire deck.	Some cra	cks sealed	d with TK-	9030		
			Prestressed Concrete Open Girder	LF	770	770	0	0	0
Χ	109								
			Delamination - Spall - Patched Area	LF		0	0	0	0
		1080							
			Reinforced Concrete Column	EA	3	3	0	0	0
Χ	205			•					
			Delamination - Spall - Patched Area	EA		0	0	0	0
		1080							
			Cracking (RC)	EA		0	0	0	0
		1130							
			Reinforced Concrete Abutment	LF	84	68	16	0	0
Χ	215		CS-2 (S Abut 8" & N Abut 8")						
			Delamination - Spall - Patched Area	LF		0	0	0	0
		1080							
			Cracking (RC)	LF		0	16	0	0
		1130	Under girders						
.,			Reinforced Concrete Cap	LF	39	36	3	0	0
Χ	234								
			Cracking (RC)	LF		0	3	0	0
		1130	CS-2: Vertical hairline cracks						

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			Reinforced Concrete Bridge Rail	LF	364	339	25	0	0
X	331		Rail patched and protective coating applied 20)16.					
			Delamination - Spall - Patched Area	LF		0	0	0	0
		1080						•	
			Cracking (RC)	LF		0	25	0	0
		1130	CS-2: Horizontal cracking along top inside cor	ner thro	oughout (1	5' East, 10)' West)		
			Integral Wingwall	EA	4	0	4	0	0
X	8400								
					1				
			Wall Movement	EA		0	4	0	0
			NE Wing tipped 3/4"						
	8902	8902	SE Wing Tipped 3/4" NW Wing Tipped 1/2"						
			NW Wing Tipped 1/2"						
			SW Wing Tipped 1/2"						
		-	Wall Deterioration		1		1 1		
		0002	Wall Deterioration	EA		0	1	0	0
		8903							

Assessments

							Quantity in Co	ondition State	
Chk	Element	Defect	Description	UOM	Total	1	2	3	4
			Drainage - Approach	EΑ	4	4	0	0	0
X	9001		Inlets at NE and NW wing						
			Slope Protection- Riprap	EA	2	0	2	0	0
X	9045		Settled at both abutments						
			Concrete Diaphragm	EA	12	10	2	0	0
X	9168		Spalls over pier at outside diaphragms	1					
			Approach Roadway - Concrete (non-structural)	uctural) EA 1	1	1	0	0	0
X	9322		North Approach						
			Approach Roadway - Asphalt	EA	1	1	0	0	0
X	9323		South Approach						

NBI Ratings

	File	New
Deck	7	7
Superstructure		7
Substructure	7	7
Culvert	N	N
Channel	N	N
Waterway	N	N

Structure Specific Notes

Inspection Specific Notes

page 5 Structure No.: **B-36-071**

Inspector Site-Specific Safety Considerations

Structure Inspection Procedures

Special Requirements

Chk Hours Cost Comments

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Wisconsin Dept. of Transportation Structure Inventory Data

Bridge B360071

Structure No.:	Municipality:	Section:	Town:	Range:	Maintenance	Owner: STATE
B360071	MANITOWOC				Agency: STATE	HIGHWAY
	RAPIDS				HIGHWAY	DEPT
					DEPT	
Replaced Structure No.:	Historical Sig.: 5	Latitude:	Longitude:		County:	District: 3
		440633.	874350.1		MANITOWOC(3	
		41			6)	

ABUTMENT DATA (CARDINAL)

	Abutment Type: SILL FLEXIBLE
	Pile Type: PILING - CAST IN PLACE (CIP)
	Pile Size: 254 OR 273 MM (10 OR 10-3/4")
	Slope Protection Type: HEAVY RIPRAP
	Rdwy. Width: 40.0 ft
	Deck Width: 43.0 ft
7.	Wing Type:

GEOMETRIC DATA

GEOMETRIC DATA
1. Structure Length: 157.8 ft (Back to Back Abuts.
Along Rrdwy. Centerline)
2. No. Lanes On: 2
3. L. Sdk. Width On: 0.0 ft
4. R. Sdk. Width On: 0.0 ft
5. Median Type:
6. Median Width: 0.0 ft
7. Skew Angle: 4 Deg.
8. Direction Skew Angle: LEFT
9. Horizontal Curve: 0.0 Radius, ft
10. DirHor. Curve:
11. Girder Spacing: 8.7 ft
12. Height: 45.0 ft (Top Pier Footing to Top Deck or
Streambed Elev. to Top Deck)
13. NBI Bridge Length Met: true

CAPACITY DATA

1. Design MS: HS20M
2. Inventory MS: HS14
3. Operating MS: HS21
4. Max. Veh. Wt.: 250 kips
5. Load Rating Basis.: LFR
6. Load Governing Member: INTERIOR DECK
GIRDER
7. Deck Composition: NONE
8a. Deck Membrane: OTHER
8b. Deck Surface: CONCRETE

APPRAISAL UPDATE

ALL KAISAL OF DATE
1. Load Capacity: 5-LEGAL LOAD STRESS NOT
EXCEEDED
2. Geom. On:
3. Geom. Under:
4. Appr. Align: 8-COND EQUAL DESIRABLE
CRITERIA
5. Horiz. Align:
6. Vert. Align:

ABUTMENT DATA (NON-CARDINAL)

	Abutment Type: SILL FLEXIBLE
	Pile Type: PILING - CAST IN PLACE (CIP)
	Pile Size: 254 OR 273 MM (10 OR 10-3/4")
	Slope Protection Type: SOLID CONC
	Rdwy. Width: 40.0 ft
	Deck Width: 43.0 ft
7.	Wing Type:

APPROACH DATA

APPROACH DATA
1. Appr. Pavement Width: 24 ft
2. Rt. Shoulder Width: 10 ft
3. Lt. Shoulder Width: 6 ft
4. Total Width (Sum Above): 40 ft
5. Guardrail Termination: 1
6. Guardrail Adequacy: 1
7. Railing Attachment Type: 5 - 22 MM (7/8")
BOLTS
8. Railing Design Year: 1965 AASHO
9. Left Outer Railing Type:
10. Right Outer Railing Type:
11. Left Inner Railing Type:
12. Right Inner Railing Type:

HYDRAULIC DATA

1. Design Flood Frequency: 0 yrs
2. Design Discharge: 0 cu-ft/s
3. Max. Velocity: 0.0 ft/s
4. Drainage Area: 0.0 sq. ft
5. High Water Elev.: 0.0 ft
6. Scour Critical Code: N
7. Scour Calculated?: false

STRUCTURE SERVICE DATA

1. Hwy. On Detour Length: 0 ft			
2. Type Service On: HIGHWAY			
3. Type Service Under: HIGHWAY			

PLANNING DATA

I LAMMING DATA	
1. Functional Classification	: INTERSTATE-
RURAL(01)	
2. ADT: 10100	
3. ADT-Year: 2017	
4. Truck ADT %: 22	
5. Future ADT: 21650	
6. Future ADT-Year: 2016	

CONDITION DATA

Deck:	SuperStructure:	SubStructure:	Channel:
Culvert:	Waterway:		

Bridge B360071

CONSTRUCTION DATE

Project ID	Construction Contractor	Construction Designer	Construction Year	Plans Reel Number	Letting Date	Survey Received	Work Performed
1224-21-	NORTHEAST	OMNNI	2016		12-Jan-		OVERLAY -
71	ASPHALT,				2016		CONCRETE
	INC.						
1224-71-		OMNNI	9999			01-Apr-	NOT BUILT
21						2014	
1224-07-	NORTHEAST	BRIDGE	2001		12-Oct-	22-Sep-	OVERLAY -
71	ASPHALT,	SECTION			2000	1998	BITUMINOU
	INC.	DESIGN					S
		UNIT 1					
	UNKNOWN	UNKNOWN	1992				REPAIR
							DECK
1225-01-	LUNDA	BRIDGE	1979	C221		01-Aug-	NEW
87	CONST	SECTION				1975	STRUCTURE

CLEARANCE DATA

Clearance Lane Number	Minimum Vertical	Minimum Vertical Date	Minumum Horizontal Distance	Right Minimum Lateral
1	17.19	12-Jun-2018	34.0	3.0
1	16.82	12-Jun-2018	46.0	3.0

Left Minimum Lateral	Railroad Right Minimum Lateral	Railroad Left Minimum Lateral	Railroad Vertical Distance	Railroad Horizontal Distance
7.0				
7.0	-			

ROUTE DATA

Number	Direction	Туре	Structure Route On / Under	Structure Route Cardinal / NonCardinal
043	N		0	C
010	E		U	C
042	S		Ü	N

Number	Structure Route Location	Highway Feature Name	Structure Route Local System	Highway Feature Designation
043	2.8M N JCT USH 151	IH 43 NB	IH	MAINLINE
010	0.2M E JCT STH 42	USH 10 EB-STH 42	USH	MAINLINE
	TO S	SB		
042	0.9M S JCT USH 10	USH 10 EB-STH 42	STH	MAINLINE
	TO W	SB		

Number	Structure Route Primary Flag	Designed National Network Flag	Structure Defense Highway Designation	Highway On Inventory Route
043	Y	Y	1	NHI
010	Y	Y	0	NHS
042	N	Y	Ô	NON

PIER DATA

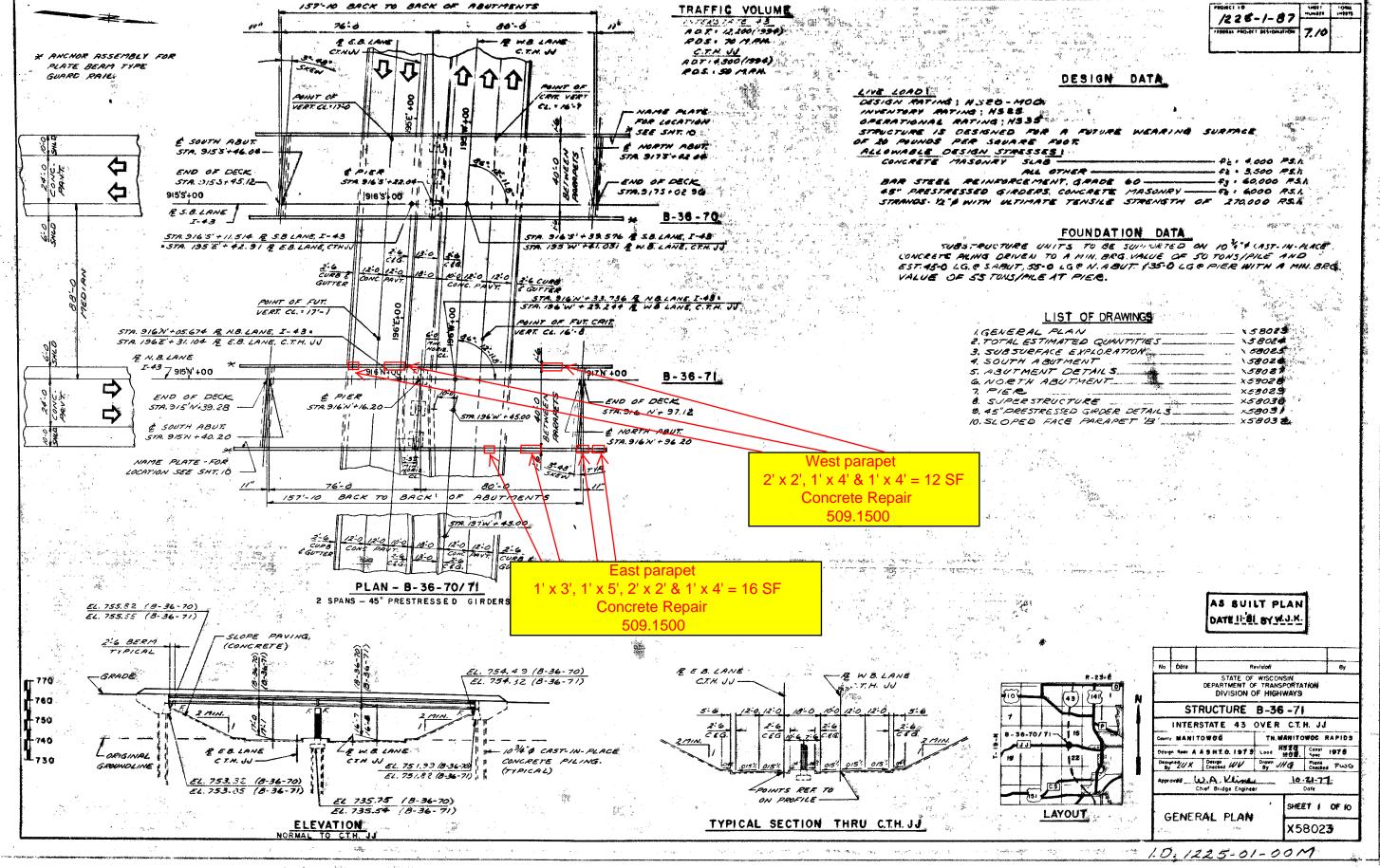
Number	Pier Type	Piling Type	Piling Size	Pier Skew Angle	Direction of Skew
1	ROUND COL BENT	PILING - CAST IN PLACE (CIP)	254 OR 273 MM (10 OR 10-3/4")		

SPAN DATA

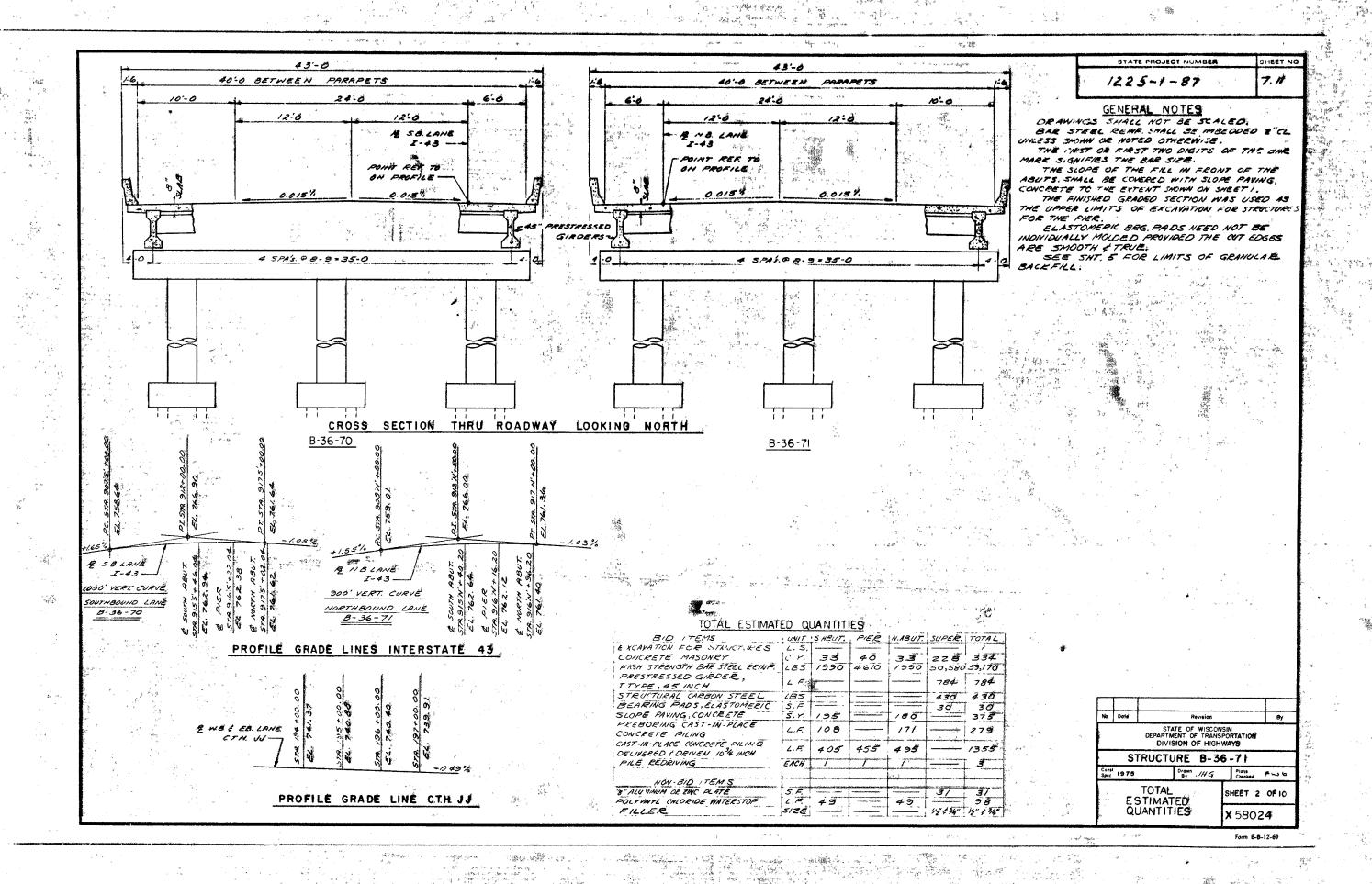
Number	Type	Length	Configuration	Material	Girder or Truss Height	Girder or Truss Spacing
1		76.0	DECK GIRDER	CONT PREST CONC	45.0	8.7
2		80.0	DECK GIRDER	CONT PREST CONC	45.0	8.7

EXPANSIONJOINT DATA

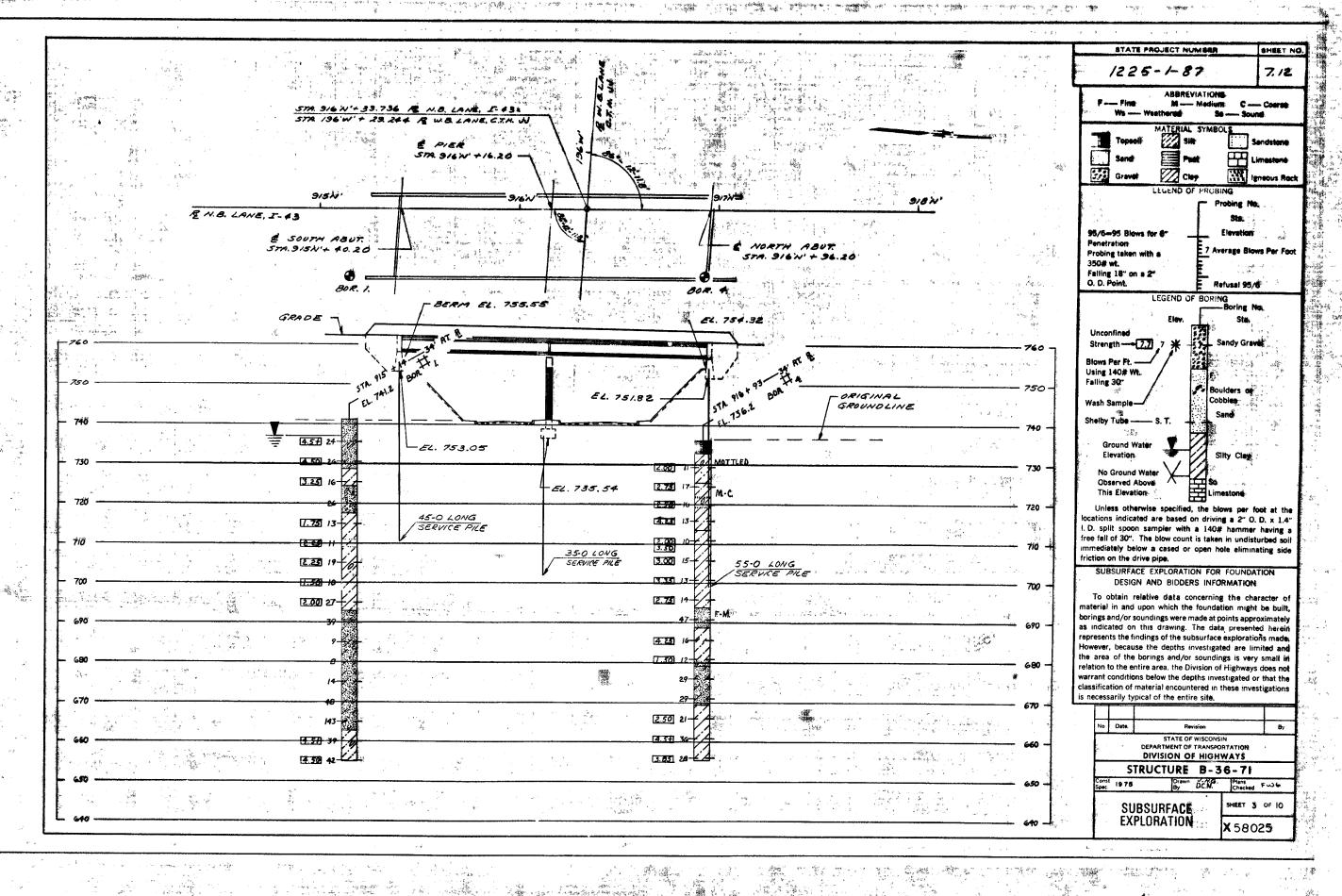
Number	Location	Type	Inactive
		••	Date



1 En 2

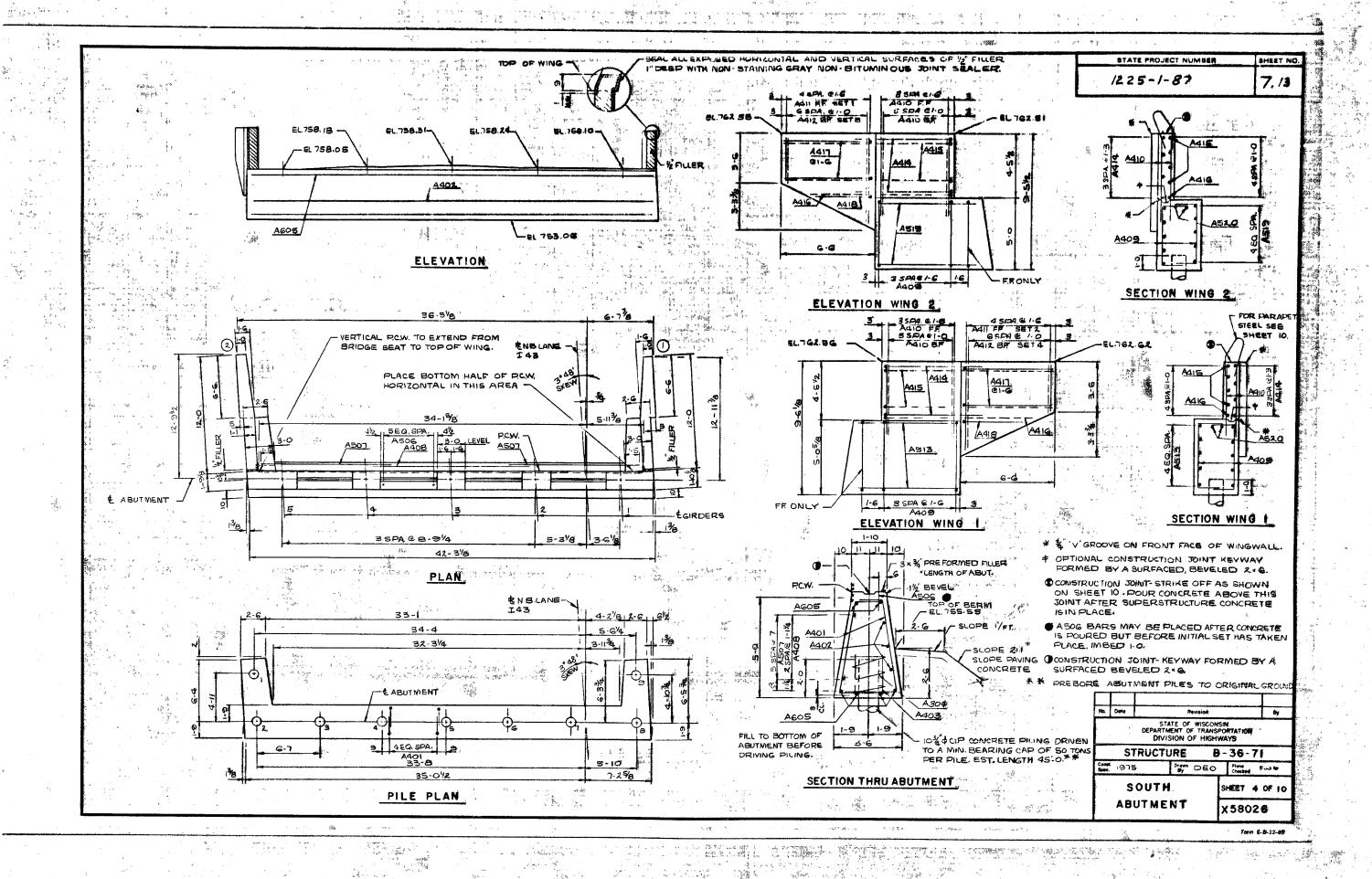


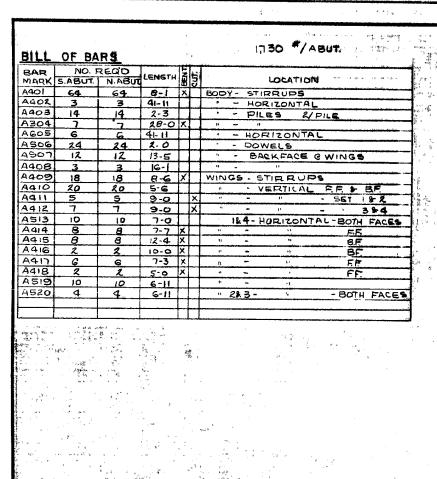
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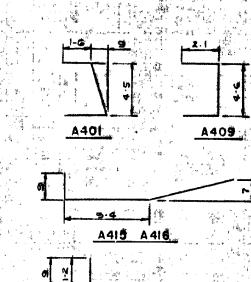


BOX .924

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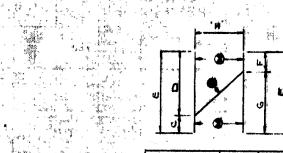






4417 A418

A 414



5 WRAP SPIRAL

A304

STATE PROJECT NUMBER SHEET NO. 1225-1-87 7.14

HIS NUMBER OF BARS BEFORE CUTTING.

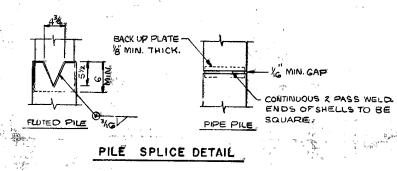
BUNDLE AND MARK CUT BARS WITH BAR AND SET NUMBERS.

MARK AND 1UT ALL BARS ALONG THIS LINE.

MAKE ALL CUTS NORMAL TO BAR AXIS.

CUTTING DIAGRAM

MA	RK	C	0	5	F	G	·#.	SETS REGO
A411	36T I	3.2				5-10	_	Z
	SET 2		3-1Q	a-o	3-2		5	2
A412	SET 3	3-2				5-10	_	2
	SET 4		a . iO	9-0	3-2		7	2



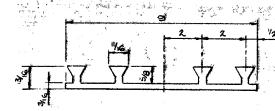
organ arm

LIMITS OF GRANULAR BACKFILL

AT ABUTMENTS

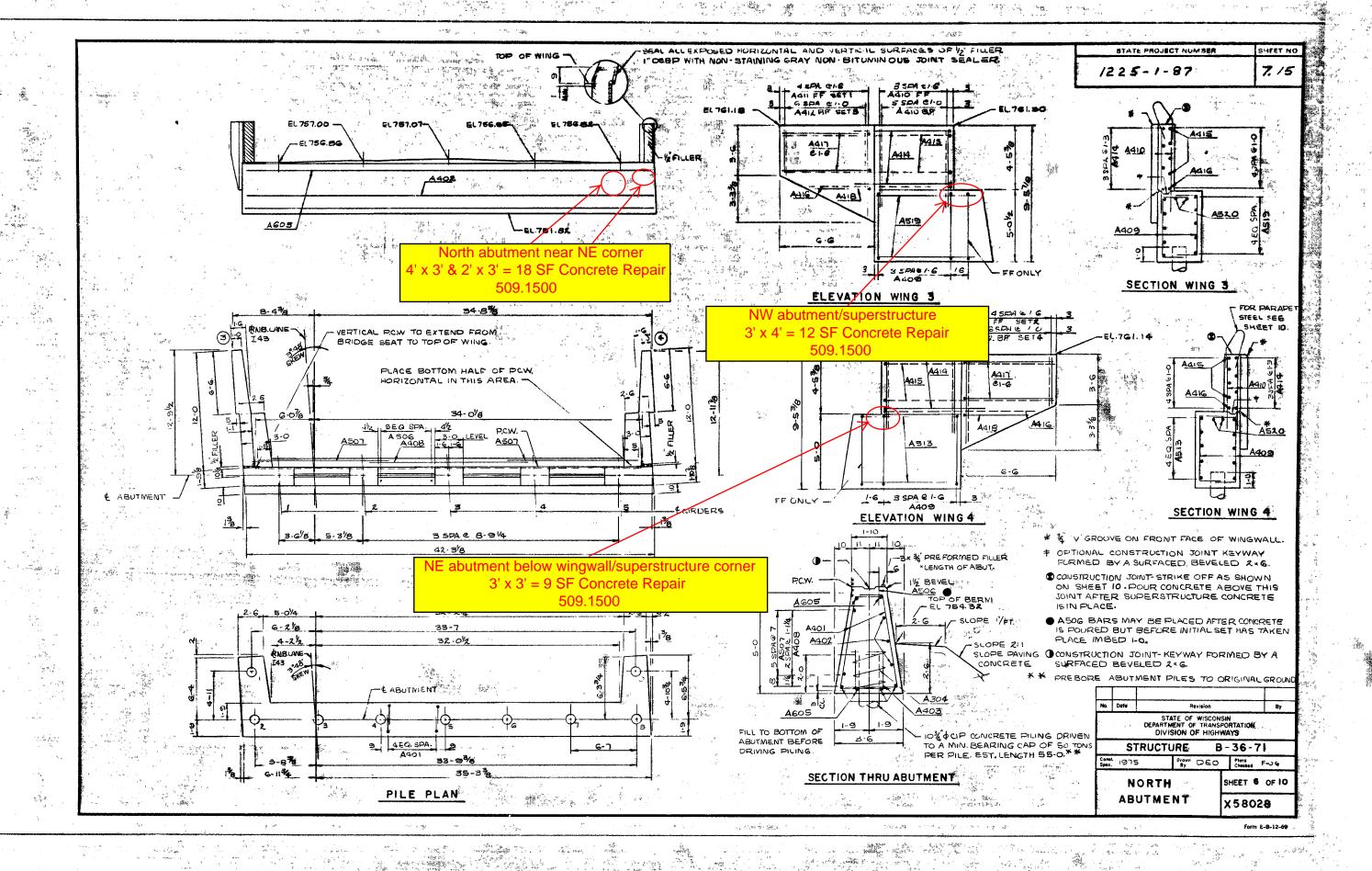
GRANULAR -

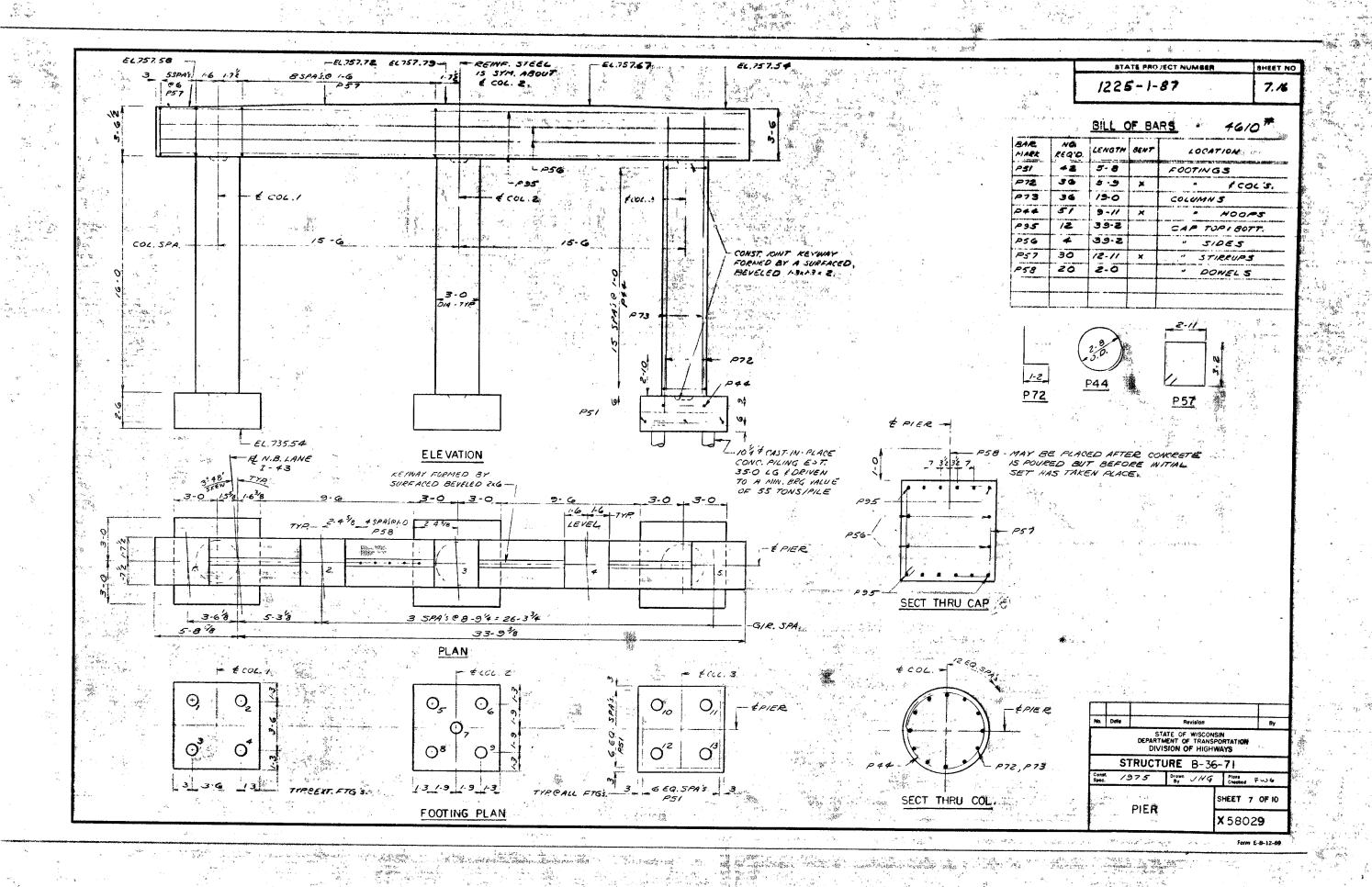
BACKFILL



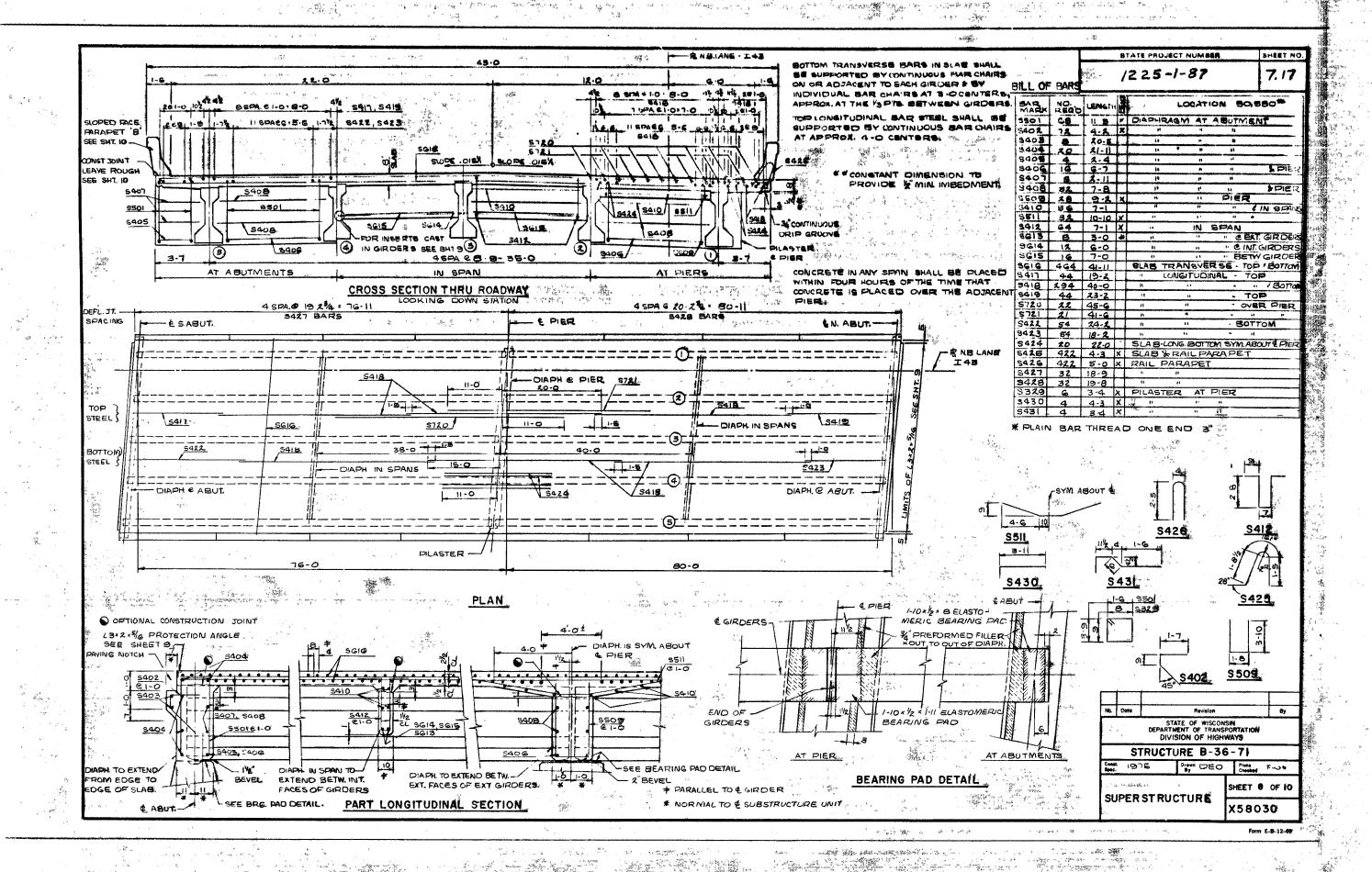
POLYVINYL CHLORIDE WATERSTOP

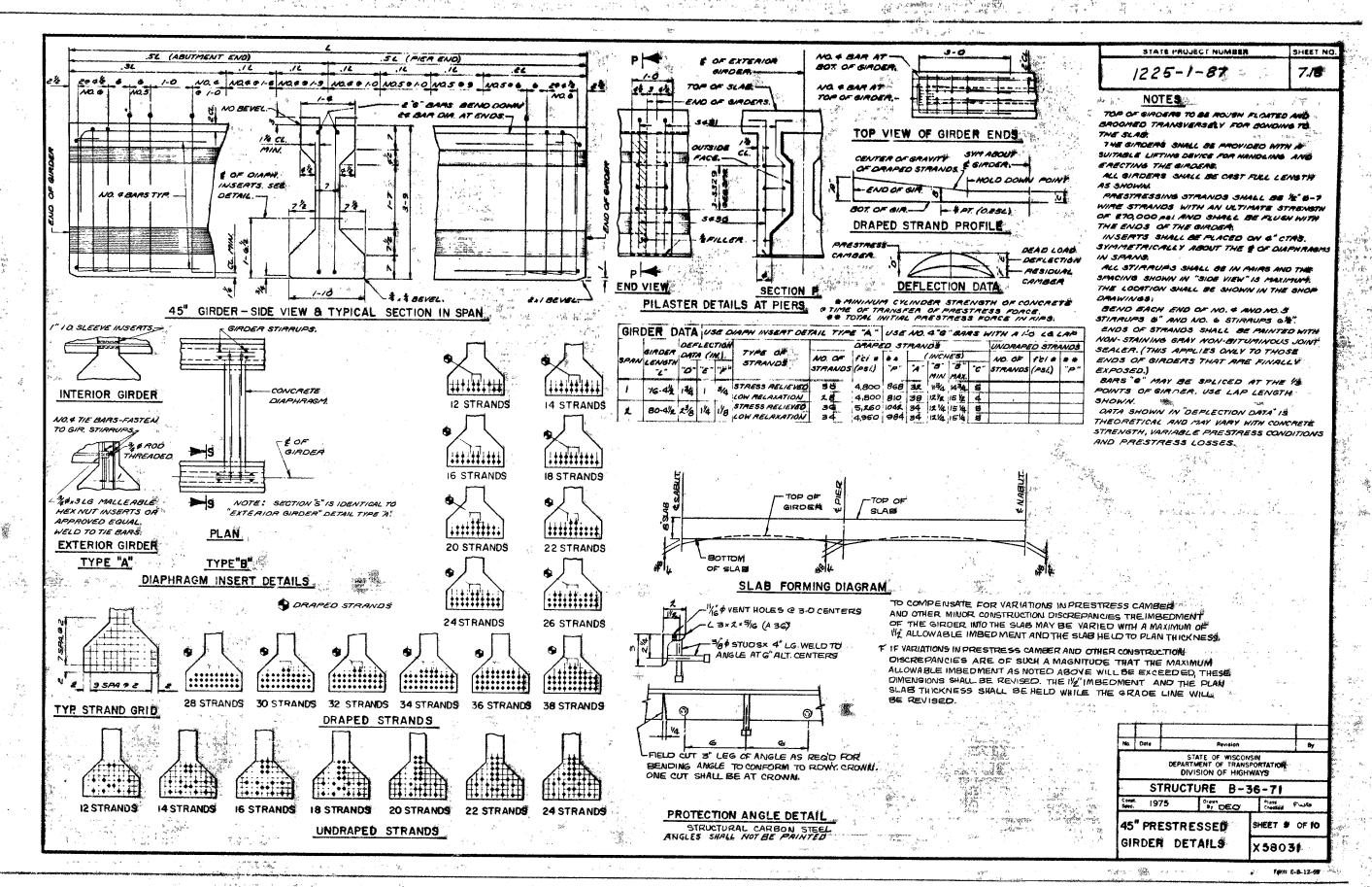
No.	Date	Revision		Эу
		STATE OF WISCONDEPARTMENT OF TRANSI DIVISION OF HIGH	PORTATION	
	รา	RUCTURE B-	36-71	
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i i	ABI	TMENT	SHEET 5	OF FO
	DE	TAILS	X58027	F

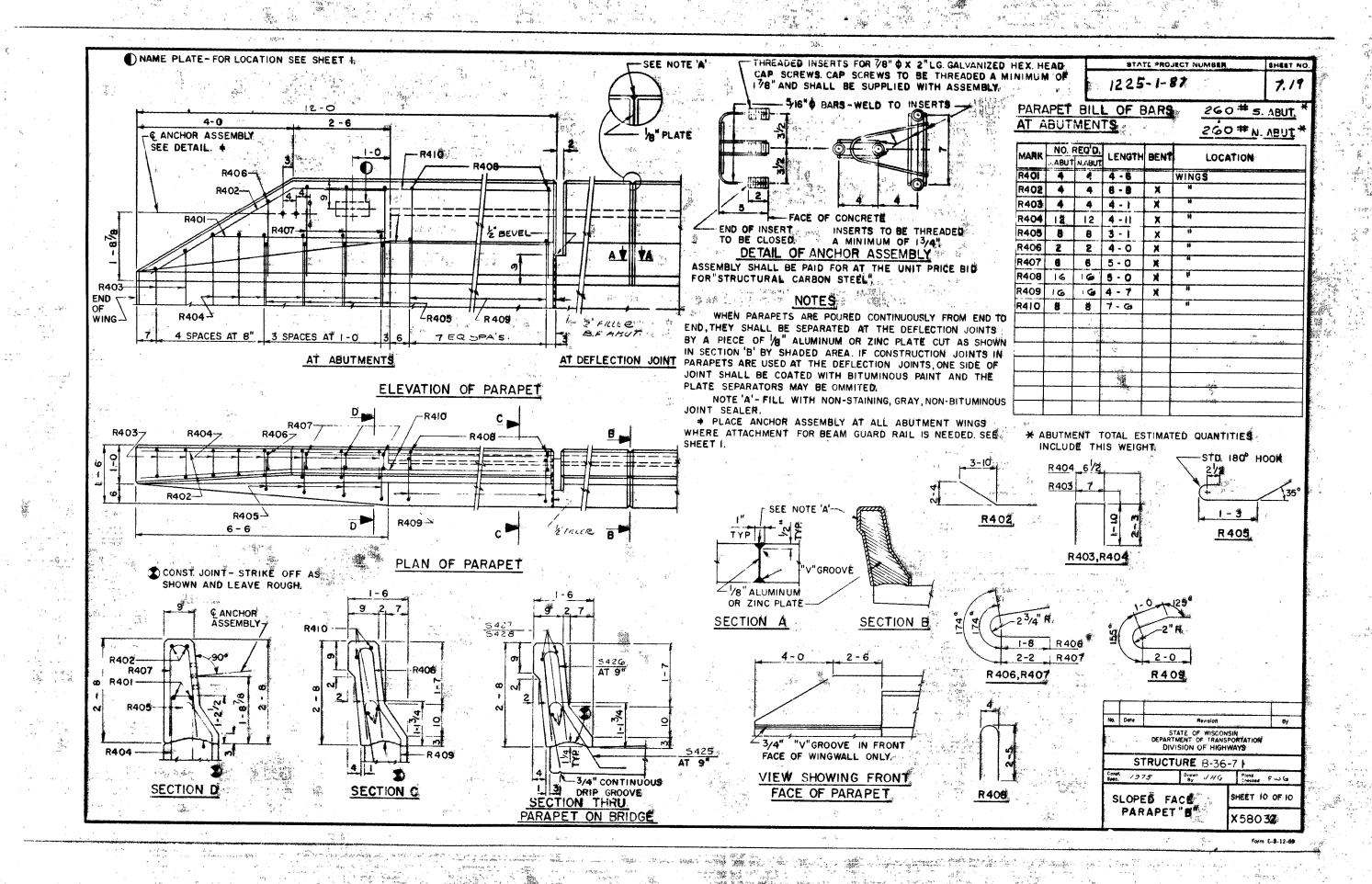




D-57 7A







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Sheet No.3.1-3.3 Estimate of Quantities

Sheet No.3A-35 Miscellaneous Quantities

Sheet No. ---- Right of Way Plat Sheet No.5.1-5.6 Plan and Profile

Sheet No. 6.1-6.25 Standard Detail Drawings

Sheet No. 7.1 Sign Plates

Sheet No.8.1-8.16 Structure Plans

Sheet No. — Computer Earthwork Data

Sheet No. ____ Cross Sections

TOTAL SHEETS = 80



DESIGN DESIGNATION

A.D.T. 2001 = 11,120 NB 11,640 SB A.D.T. 2021 = 17,080 NB 17,890 SB = 2,289 NB 2,397 SB D.H.V. 50/50 Τ. 11.7% DESIGN SPEED = . 65 MPH = 8,402,300

CONVENTIONAL SYMBOLS

COUNTY LINE COMBUSTIBLE FLUIDS CORPORATE LIMITS UNDERGROUND UTILITIES PROPERTY LINE P.L. + 58.1 GAS LOT LINE ELECTRIC LIMITED EASEMENT TELEPHONE OR TELEGRAPH EXISTING RIGHT OF WAY COMMUNICATIONS LINE PROPOSED OR NEW R/W LINE SERVICE PEDESTAL SURVEY LINE POWER POLE TELEPHONE POLE SLOPE INTERCEPT ORIGINAL GROUND RAILROAD _ ROCK MARSH OR ROCK PROFILE SANITARY SEWER STORM SEWER WATER MARSH AREA EXISTING CULVERT PROPOSED CULVERT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

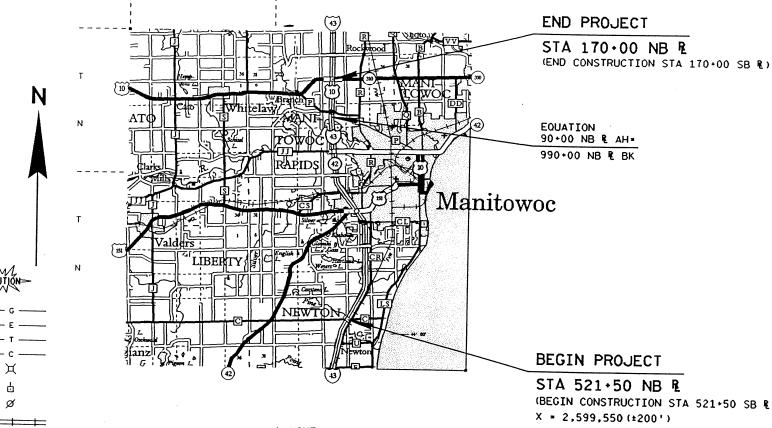
CTH C - USH 10

IH 43 MANITOWOC COUNTY



- E

R - . - E



FEDERAL PROJECT

CONTRACT

1

PROJECT

IM 2001 (023)

STATE PROJECT

1224-07-71

THIS PLAN IS SUBJECT TO FEDERAL OVERSIGHT STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION PREPARED BY Surveyor Designer J. J. GRAINGER, F. N. HEINTZ District Examiner __ District Supervisor S. C. NOEL Proj. Dev. Engineer N.R. AFFELDT C.O. Examiner APPROVED FOR DISTRICT OFFICE

STA 521+50 NB R

(BEGIN CONSTRUCTION STA 521+50 SB R) $X = 2,599,550 (\pm 200')$

 $Y = 739,450 (\pm 200')$

COORDINATES ARE SCALED FROM USGS TOPOGRAPHIC MAP MANITOWOC, WISCONSIN QUADRANGLE, FOR IDENTIFICATION ONLY.

FILE NAME: d3_122407:101.dgm

WOODED OR SHRUB AREA

PLOT DATE:

5-15-2000

---- SAN -----

CULVERT (Profile View)

ORG DATE : 5-15-2000

TOTAL NET LENGTH OF CENTERLINE - 10.38 MI.

PLOT NAME : 101d

Originator : Dist 3

PLOT SCALE :

WISDOT/CADDS SHEET 10

STATE PROJECT NUMBER SHEET NO. 1224-07-71

8.14

DESIGN DATA

LIVE LOAD :

INVENTORY RATING : HS20 OPERATIONAL RATING: HS39

MAX. STANDARD PERMIT VEHICLE LOAD = 250 KIPS

ULTIMATE DESIGN STRESSES :

CONCRETE MASONRY, SLAB _____ __f'c = 4,000 p.s.i.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED. DIMENSIONS ARE BASED ON THE EXISTING ORIGINAL PLANS.

TOTAL ESTIMATED QUANTITIES

SHEET MEMBRANE WATERPROOFING	702 S.Y.
ASPHALTIC CONCRETE PAVEMENT, SUPERPAVE	. 76 TON
ASPHALTIC MATERIAL FOR PLANT MIXES	4.6 TON
CONCRETE MASONRY, DECK PATCHING	4 C.Y.
CURB RESURFACING	314 L.F.
PREPARATION, DECKS, TYPE 1	38 S.Y.
PREPARATION, DECKS, TYPE 2	
GROUTING BRIDGE DECK	1 L.S.
SAWING PAVEMENT, DECK PREPARATION AREAS	209 L.F.

LIST OF DRAWINGS

1. ASPHALTIC OVERLAY

BRIDGE OFFICE CONTACTS:

FINN HUBBARD (608) 266-8489 DAVE KIEKBUSCH (608) 266-5084

-		_					
NO.	DATE		REV	VISION		BY	1
			PARTMENT OF	WISCONSIN TRANSPORTA DESIGN SEC			AIF =
	STR	UC	TURE	B-36-71			SCAL
			IH 43 N.B. 0	VER C.T.H. J	J		
COU	NTY	M	IANITOWOC	TOWN/CITY/VIL MANI		RAPIDS	
DES	GN SPE	C. A	ASHTO 1998	LOAD ——	CONST. SPEC.	1996	_
DES BY	IGNED D	JK	DESIGN	DRAWN RJG	PLANS CK'D.	D1K	
APP	ROVED	4%	Ander	soul	08-	03-00	>
L	c	HIEF		ESIGN ENGINEER		DATE	-

ASPHALTIC OVERLAY

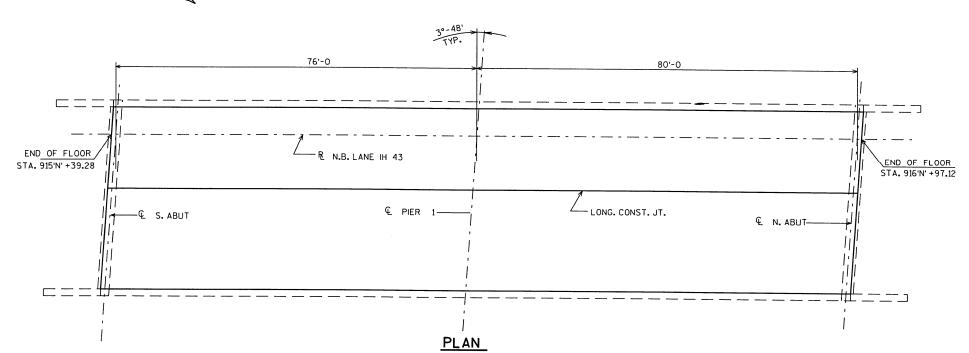
SHEET 1 OF 1 DATE: APR '99

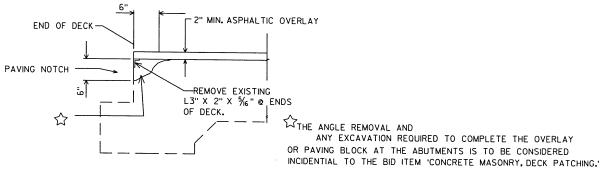
R N.B. LANE IH 43- 1 STAGE 1 CONST STAGE 2 CONST 22'-0 -SHEET MEMBRANE UNDER 2" ASPHALTIC CONCRETE OVERLAY TOP OF 2" ASPHALTIC CONCRETE OVERLAY (MATCH EXIST X-SLOPE) 7 SLOPE 0.015% SLOPE 0.015% 3 SPACES @ 8'-9 = 26'-3 3'-7 GIRDER SPACING

CROSS SECTION THRU ROADWAY

(LOOKING NORTH)







DETAIL AT S. END OF DECK

I.D. 1224-07-00E

CONTACT DISTRICT

STATE PROJECT NUMBER 1225-10-71 DESIGN DATA 157'-10" LIVE LOAD: BACK TO BACK OF ABUTMENTS DESIGN LOADING: HS-20 76'-0" 80'-0" INVENTORY RATING: HS-xx OPERATING RATING: HS-xx 3°48, WISCONSIN STANDARD PERMIT VEHICLE (Wis-SPV): 250 KIPS 2 MATERIAL PROPERTIES: CONCRETE MASONRY OVERLAY – ₽ IH 43 NB DECKS & PARAPETS: f'c = 4,000 p.s.i. BAR STEEL REINFORCEMENT BACK OF -END OF DECK END OF DECK GRADE 60: fy = 60,000 p.s.i. ABUTMENT-STA. 1779+04.27 STA. 1780+62.10 PAVING PAVING NOTCH NOTCH-**GENERAL NOTES** LONGITUDINAL CONSTRUCTION DRAWINGS SHALL NOT BE SCALED. JOINT -BACK OF DIMENSIONS ARE BASED ON EXISTING STRUCTURE PLANS. ABUTMENT DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY". 1 € BRG. **(4)** € BRG. TOTAL ESTIMATED QUANTITIES F PIER 1 N. ABUT. -> S. ABUT. 509.5100.S POLYMER OVERLAY ----- 702 SY (X) INDICATES WING NUMBER PLAN TRAFFIC DATA ADT = 11,800 (2036) RDS = 70 M.P.H. BRIDGE OFFICE CONTACT LIST OF DRAWINGS WILLIAM DREHER (608) 266-8489 1. GENERAL PLAN 40'-0" POLYMER OVERLAY LIMITS CONSULTANT CONTACT KRISTOFER OLSON STAGE XX CONSTRUCTION STAGE XX CONSTRUCTION OMNNI ASSOCIATES (920) 735-6900 6'-0" 12'-0" 12'-0" _1'-6" 10'-0" 1'-6" SHOULDER LANE LANE SHOULDER LONGITUDINAL CONSTRUCTION NO. DATE REVISION BY 0.02% 0.02% STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION EXISTING 45" PRESTRESSED GIRDER TYP. STRUCTURE B-36-71 IH 43 NB OVER USH 10/STH 42/CTH JJ 3'-7" 4 SPACES @ 8'-9" = 35'-0" 3'-7" COUNTY MANITOWOC MANITOWOC RAPIDS DESIGN SPEC.
REHABILITATION N/A
DESIGNED BY BRE CKD. KRO BY BRE CKD. KRO 42'-2" EDGE TO EDGE OF DECK

8

CROSS SECTION THRU EXISTING ROADWAY

(LOOKING NORTH)

SHEET 1 OF 1

GENERAL

PLAN

WISCONSIN DEPARTMENT OF TRANSPORTATION BRIDGE LOAD RATING SUMMARY

Bridge Data (used in this rating)

Dirago Data (acca in tino rating)	
Bridge Number: B36-071	Section Loss(%): *
Feature Carried: IH 43 NB	SL Description: *
Rating Date: 24-May-2013	Overburden Depth(in): 2.0
Span Type: DECK GIRDER	Overburden Type: BITUMINOUS
Span Material: CONT PREST CONC	Last Inspection Date: 14-Sep-2011*

* Inspection data reflects last inspection prior to rating. Latest inspection is on09-Sep-2013

Bridge Load Rating Summary

Rating Method: LFR	Rating Vehicle: HS20			
LFR	Rating	Controlling Element	Controlling Location (ft)	Live Load Distribution Factor
Inventory	HS19.6	DECK GIRDER Positive Moment	SPAN 1	1.59
Operating	HS39.9	DECK GIRDER Positive Moment	SPAN 1	1.59

Wisconsin Standard Permit Vehicle (Wis-SPV)

	MVW (kips)	Controlling Element	Controlling Location (ft)	Live Load Distribution Factor
:				
:				

Posting Vehicle Type*	Vehicle GVW (kips)	Operating Rating (kips)	Controlling Element/Controlling Check	Controlling Location (ft)	Live Load Distribution Factor
WISSPV 250	0.0	258	DECK GIRDER Positive Moment	SPAN 1	1.59
WISSPV 250	0.0	328	DECK GIRDER Positive Moment	SPAN 1	1.25
* Posting Vehicle Analysis (Run o	nly when HL-93 Operating RF <1	0 or when HS20 Operating RF <	1.0		•

Name: Dietsche, Joshua Date: 24-May-2013
PE Stamp Here

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