

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Inspection Report for B-03-021 (USH 53 NB)

USH 53 NB over CHETEK RIVER Jun 08,2017



Туре		Prior	Frequency (mos)	Performed
Routine		06-05-15	24	Х
SIA Review		06-19-13	48	Х
Uw-Profile		06-05-15	24	Х
itude 45°18'04 80"N	Owner	STATE HIGHWA		

Latitude 45°18'04.80"N Longitude 91°39'13.88"W Owner STATE HIGHWAY DEPT Maintainer STATE HIGHWAY DEPT

	Time Log		Team member	rs	
	Hours 0	Minutes 45	wjk		
	Name		Number	Signature	Date
Inspector	Kovaleski, Willia	m J	8007	W/IIIam / Lovaleski E-signed by Bill(dotwjk)	09-08-17

BRIDGE INSPECTION REPORT Wisconsin Department of Transportation DT2007 2003 s.84.17 Wis. Stats.

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Identification & Loca	tion										
Feature On: USH 53 NB		Section Town Range: S31 T33N R10W			S	Structure Number:					
Feature Under: CHETEK RIVER		County: BARRON				E	B-03-021				
Location 8.1M N JCT CTH M TO	E	Municipality: CHETEK					tructure Na JSH 53 N				
Geometry	have weekend					Traffic			T#-		
measurements in feet, except w Approach Roadway Width:	Bridge Roadway Width:	Total	Length:			Lanes	ADT	ADT year	Traffic Patt	ern	
40	48.8	222.	8		On	2	5550	2014	ONE WA	AY TRAF	FIC
Approach Pavement Width: 24	Deck Width: 52.6	Deck 1127	Area (sq ft): 73								
Capacity	Load Rating										
Inventory rating: HS16	Overburden depth (in): 2.0		Last ratin 08-21-1			Controllin INTER		K GIRD	ER Nega	ative Mo	ment
Operating rating: HS25	Deck surface material: LOW SLUMP CON	ICRETE	Re-rate for	or capacity ((Y/N):	Control I SPAN					
Posting:	Re-rate notes:										
Hydraulic								Classi	fication		
Scour Critical Code(113): (8) STABLE-ABOVE TC	P FOOTING			Q100 (ft3/ 5400	sec):						
High water elevation (ft): 1029.9				Velocity (f 4.6	t/sec):			Sufficien 93.4	су #:		
Span(s)				1.0				00.1]
Span # Material			Configuration		Cepth (ir R 45				Leng		Main
	PREST CONC		DECK GIRD				.5 .5	74		Y	
	PREST CONC		DECK GIRE					.5	74		1
Expansion joint(s)						Temp	erature:	File:		New:	
Clearance											
Highway Min Vertical C		surement (ft)		File Date		New	Measureme	ent (ft)	1		
Horizontal C									_		
Special Components		10/	l. De eference el					Nete	-		
Component DECK - IOWA MIX	Year 1992		k Performed Y - CONCR	ETE				Note			
Construction History Year	,	More	Performed						FOS id		
1992			- CONCRE	TE					1190-17		
1972		NEW S	TRUCTURE						1196-04	-73	
Maintenance Items H	listory	Pacon	nmended by			S+	atus	Status	change	Year co	mplotod
Deck - Patching			lund, Allan	M (8003)			ECTED)2/15	Tear cor	Inpleted
Patch deck est 8SF. Pat SL1 or eqv.	tch parapet spalls, e	st 2sf. Sea	l vert jts at v	wings with	n NP1 oi	r eqv. S	eal joints	over pie	ers and er	nds of de	ck with
Deck - Patching		Harri	ngton, Dani	iel J (800	4)	COM	PLETE	01/*	7/13		
patch deck south end of	bridge 10 SF	I				1		1			
Approach - Seal Appro	each to Paving Blo	ck Harri	ngton, Dan	iel J (800 [,]	4)	COM	PLETE	01/*	7/13		
repour joints at ends of o	deck	I									

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page 3			Struct	ture No.: B-03-021
Deck - Patching	Harrington, Daniel J (8004)	COMPLETE	01/17/13	
approx 30 SF spalls		•	*	

Elements

:hk	Element	Defect	Description	UOM	Total	1	Quantity in C	ondition State 3	4
	Liement		Reinforced Concrete Deck	SF	11.732	11,726	4	2	0
Х	12					,			
_			Delamination - Spall - Patched Area	SF		0	4	2	0
		1080	See 2015 notes						
			Cracking (RC)	SF		11,726	0	0	0
		1130	General map CRKNG throughout.						
			Concrete Overlay	SF	11,732	11,306	368	58	0
	8514		Joints are not sealed over piers. Damage to edg cracked. Broken 2009 broken again in 2011. Faile	e of deck ed patch,	end at Sou 1ftx5ft and	ith abut ou 1ftx3ft, 8Sl	tside lane. F total plow	Patched a / damage.2	nd has 013.
			Debonding/Spall/Patched Area/Pothole	SF		0	121	49	0
		3210	6/5/2015 Debonding approx. 2% (See 2015 note	es).					
			Crack (Wearing Surface)	SF		11,306	247	9	0
		3220	Random map CRKNG throughout (See 2015 no	tes).					
,	400		Prestressed Concrete Open Girder	LF	1,338	1,319	14	5	0
<	109								
		4000	Delamination - Spall - Patched Area	LF		0	7	1	0
		1080	See 2015 notes						
			Cracking (PSC)	LF		0	7	4	0
		1110	See 2015 notes						
			Reinforced Concrete Column	EA	8	8	0	0	0
<	205								
			Reinforced Concrete Abutment	LF	98	70	14	14	0
<	215		Vertical cracks below girders 1 and 6 north abut	ment. S a	but vert. cra	acks under	[.] G1,4,6		
			Delamination - Spall - Patched Area	LF		0	7	14	0
		1080	See 2015 notes						
			Cracking (RC)	LF		0	7	0	0
		1130	6/5/2015 See notes.						
,			Reinforced Concrete Cap	LF	88	88	0	0	0
<	234								
			Reinforced Concrete Bridge Rail	LF	445	407	35	3	0
<	331		N. end west parapet spall at joint. Spall at FF sp 1ftx1ft.	an 1 top c	ot west rail	1ttx1ft. Spa	all on BF sp	oan 2 top of	t West
		4000	Delamination - Spall - Patched Area	LF		0	0	3	0
		1080	S RAIL SPL CS3 3LF.						
			Cracking (RC)	LF		0	35	0	0
		1130	N RAIL CRK CS2 18LF. S RAIL CRK CS2 17LF				•		

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page) 4							Structure No.:	B-03-021
			Integral Wingwall	EA	4	0	2	2	0
x	8400		Wings have tipped out SE 2 inches, SW 0.5 inche 2009. SE out 2 3/4in down 1in, NE out 2 3/4in down 1/4in.2013. Spalling also evident w/ some rebar	n 1 1/4ir	, NW out 1				
			Wall Movement	EA		0	2	2	0
		8902	NE 3" out 3/4" down. SE 5/8" out 0 down. NW	3" out	1 1/2" dow	n. SW 1 1	/2" out, 1/2	" down.	

Assessments

							Quantity in Co	ondition State				
Chk	Element	Defect	Description	UOM	Total	1	2	3	4			
v	0001		Drainage - Approach	EA	4	4	0	0	0			
Х	9001											
			Signs - Object Markers	EA	2	2	0	0	0			
Х	X 9030											
			Slope Protection- Riprap	EA	2	2	0	0	0			
X 9045												
			Concrete Diaphragm	EA	25	22	3	0	0			
Х	9168		Spalls on bays 1 and 5 over pier 2. P1 BAY5 CS2 BAY1 CS3. P2 BAY5 CS2.									
			Approach Roadway - Concrete (non-structural)	EA	2	0	0	2	0			
Х	9322		1-1/2 inch settlement north approach E SPL AT J	T SETT	LEMENT <	:1" CS3. V	/ SETTLED	0 1 3/4" CS	4.			

NBI Ratings

S

-	File	New
Deck	5	5
uperstructure	7	7
Substructure	6	6
Culvert	Ν	Ν
Channel	8	8
Waterway	8	8

Structure Specific Notes

OLD: Overall condition of structure is VG. .38% delam in 1996. Reinforced concrete deck, rails, abut, ps girders, cap columns and slope stabitliy all in very good cond. 2 vertical cracks at NW corner abut. No maintenence request items at this time. (99) Wings are moving, settling behind abutment otherwise structure is in fine shape. NE & NW wingwall & parapet moved out 1' and down 1' spall at joint SE wingwall has moved 2' out & 1' down. Washout SE approach Bit. shoulder undermined.
 (01) Structure is in overall very good condition. wings are stable approachs slabs very good. River in it's banks and no sign of scour at structure.

Inspection Specific Notes

Inspector Site-Specific Safety Considerations

Hours

Structure Inspection Procedures Walk-thru all accessible

Special Requirements

Chk

Cost Comments

Underwater Probe Form B-03-021

General Site Conditions - Scour

No obvious indications of scour from stream flow.

General Site Conditions - Embankment Erosion/Conditions No obvious indications of scour from stream flow.

Substructure Notes

Unit	Max Water Depth(ft)	Mode	Notes
Cardinal		Dry	No obvious indications of scour from stream flow.
Pier 1	0.5	Wade	No obvious indications of scour from stream flow.
Pier 2	1.0	Wade	No obvious indications of scour from stream flow.
Non Cardinal		Dry	No obvious indications of scour from stream flow.

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Structure No.: B-03-021

Non-Image Documents

Туре	Document	Document Comment/Description	Attached
UW Profile	b03-021_17_xpd1.pdf		Х

STRUCTURE INVENTORY AND APPRAISAL FIELD REVIEW FORM

B-03-021 USH 53 NB over CHETEK RIVER

LOCATION

(3) Municipality: (16) Latitiude(° ' "): (17) Longitude(° ' "):

(28A) Lanes On: (28B) Lanes Under:

(102) Traffic Pattern On: (102) Traffic Pattern Under: (19) Detour Length(mi):

	LOCATION
CHETEK	
45°18'04.80"N	
91°39'13.88"W	

TRAFFIC SERVICE

2

1 E
0
-NO TRAFFIC X-ONE WAY TRAFFIC -TWO WAY TRAFFIC
X-NO TRAFFIC -ONE WAY TRAFFIC -TWO WAY TRAFFIC
1

GEOMETRY

GEOWIETKT	
222.8	
Left: 0.0	Right: 0.0
	+ =
Angle(°): 0	Direction: -RIGHT FORWARD -LEFT FORWARD
Cardinal	Non-Cardinal
48.8	44.7
52.6	48.6
40	40
Cardinal Under Clearance	Non-Cardinal Under Clearance

RAILING APPRAISAL

		RAILING APPRAISAL
-SUB-	STANDAR	D X-STANDARD -NOT APPLICABLE
-SUB-	STANDAR	D X-STANDARD -NOT APPLICABLE
-SUB-	STANDAR	D X-STANDARD -NOT APPLICABLE
-SUB-	STANDAR	D X-STANDARD -NOT APPLICABLE
Left	Right	Туре
		TYPE F (TWO SQUARE TUBES) - STEEL(8)
		TYPE F (3 SQUARE TUBES) - STEEL(65)
		TYPE F (4 SQUARE TUBES) - STEEL(72)
		TYPE M-STEEL 3 SQUARE TUBES(93)
X	X	SLOPED FACE PARAPET LF(91)
		SLOPED FACE PARAPET HF(92)
		VERTICAL FACE PARAPET TYPE A(74)
		TYPE W-THRIE BEAM(79)
		TYPE H ON VERTICAL PARAPET(80)
		TIMBER(38)
		OTHER(99) (Please specify)
		UARD RAIL
		GRDRL
	-	ACHMENT
5		7/8") BOLT (Please enter quantity)
	25 MM(1") BOLT (Please enter quantity)	
	OTHER (Please specify)	
Х	· · ·	ERGY ABSORBING TERMINAL/EAT
	· · ·	RN DOWN
	(99) OTI	HER (Please specify)

ROADWAY ALIGNMENT APPRAISAL

	3 Intolerable- Substantial speed reduction
	6 Fair- Minor speed reduction
Х	8 Good- No speed reduction

(49) Structure Length(ft): (50) Sidewalk Width(ft): (50) Curb Width(ft): (52) Culvert Barrel Length(ft): (34) Skew:

(51) Bridge Roadway Width(ft):
(52) Deck Width(ft):
Right Wingwall Length(ft):
Left Wingwall Length(ft):
(32) Approach Roadway Width(ft):

(47) Minimum Horizontal(ft):(55) Minimum Right Lateral(ft):(56) Minimum Left Lateral(ft):

(36A) Bridge Rail Adequacy:(36B) Transition Adequacy:(36C) Approach Guardrail Adequacy:

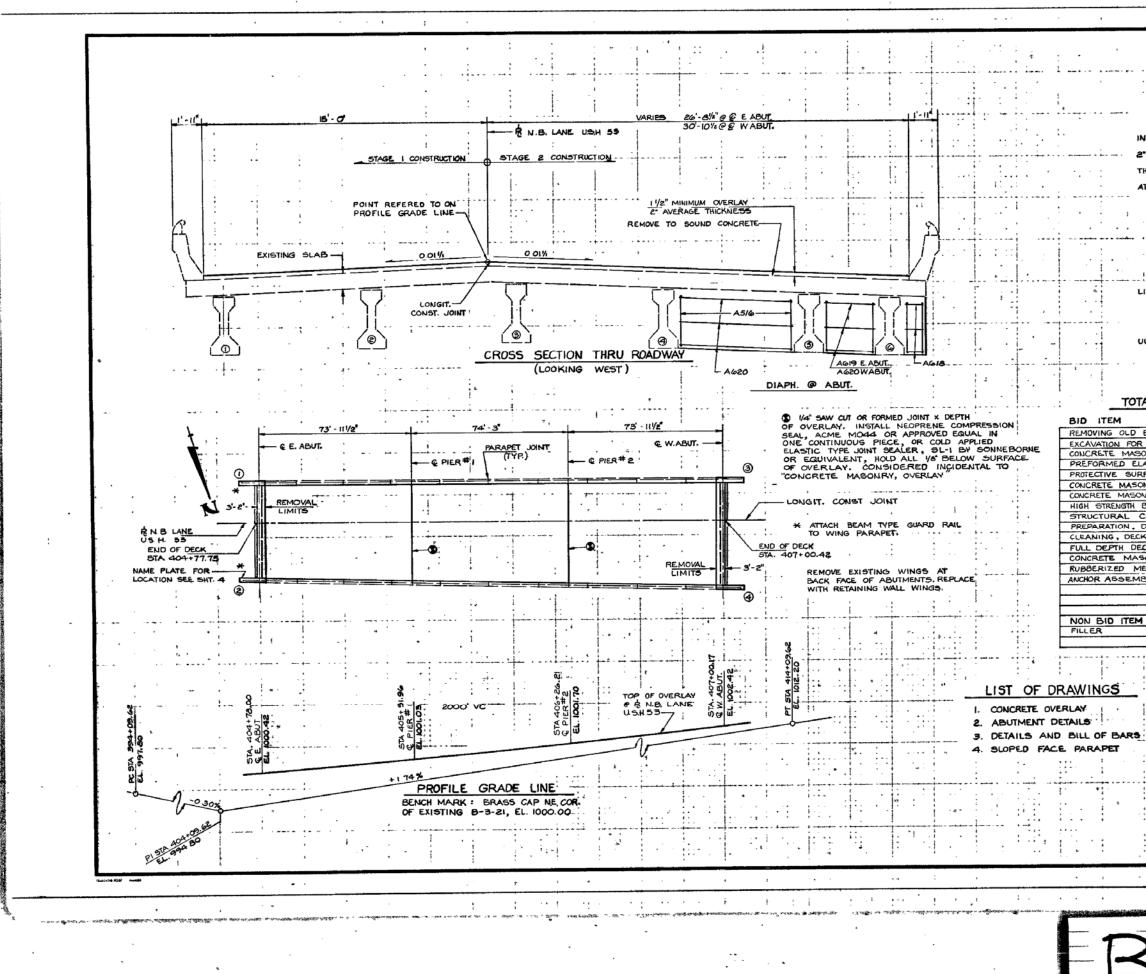
(36D) Guardrail Termination Adequacy: Outer Rail:

Transition Type:

Approach Attachment Rail Note: Guardrail Termination Type:

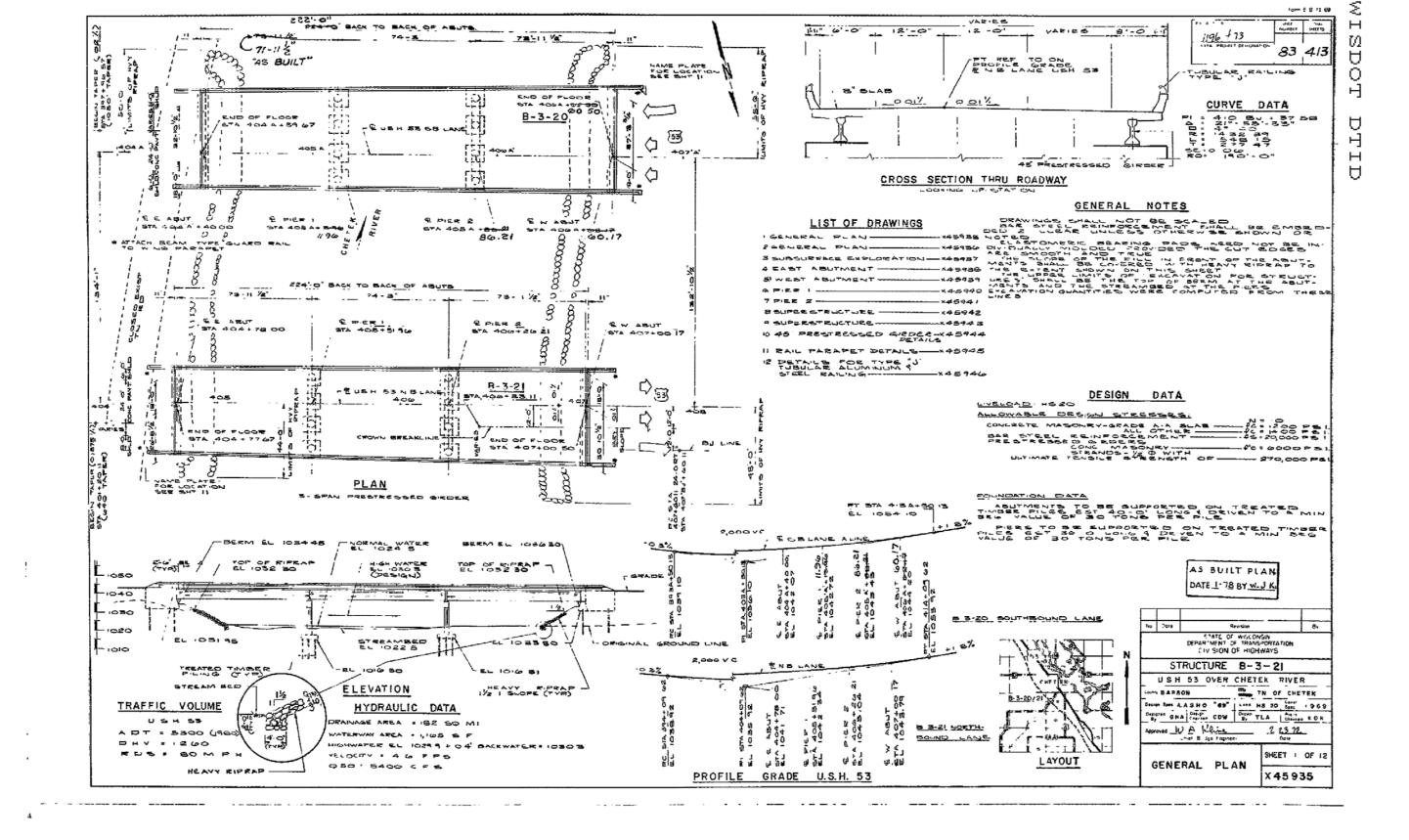
Guardrail Termination Note:

(72) Approach Alignment Appraisal:



STATE PROJECT NUMBER		
STATE PROJECT NUMBER		
	3	SHEET NO
		0 22
1190-17-71	•	8.22
		L
·		
	·	
GENERAL NOTES		
· Nor		and the second
DRAWINGS SHALL NOT BE SCALED.		
CONTRACTOR SHALL VERIFY ALL DE	MENSIONS	
BAR STEEL REINFORCEMENT SHA	BE EN	AFDOFR
BAR STEEL REINFORCEMENT SHA		
CLEAR UNLESS SHOWN OTHERWISH THE FIRST DIGIT OF THE BAR	MARK 3	GNIFICS
EXISTING NAMEPLATE TO BE SALVAGE	D AND AT	TACHED
T LOCATION SHOWN.		
		· ·
	-	
	1.	
Land Land Active		
•		
DESIGN DATA		f
	•, ••	··· -
IVE LOAD :	,	• •
INVENTORY RATING	3-17	
	5-27	· .
MAXIMUM ST'D. PERMIT	-	
VEHICLE LOAD 25	OKIPS "	
LTIMATE DESIGN STRESS		
SLAB CONCRETE MASONRY fo	- 4000	PSt
ALL OTHER CONCRETE MASONRY- +C	- 3,500	PSł
HIGH STRENGTH BAR STELL		
REINFORCEMENT FY	- 60,000	PSI
		••
AL COTILATOR ANALITITICA		
AL ESTIMATED QUANTITIES		
	-	
		OTAL
BRIDGE , STA 405+89.08	LS	1
STRUCTURES, B- 3-21	LS	1
DNRY, BRIDGES	CY	48
ASTOMERIC COMPRESSION JOINT SEALER "2"	LF	134
FACE TREATMENT	GAL.	71
NRY ANCHORS, TYPE L, NO.9 BARS	EA	24
	EA	46
ANCHORS, THEL, NO. 7 DARS		200
NRY ANCHORS, TYPE S, 5/8 - INCH		
NRY ANCHORS, TYPE 9, 50 - INCH BAR STEEL REINFORCEMENT, BRIDGES		
NRY ANCHORS, TYPE 3, 50 - INCA BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL	LB	670
NRY ANCHORS, TYPE 9, 50 - MCH BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS	LB SY	670 250
NRY ANCHORS, TYPE 9, 50 - MCH DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS KS	LB SY SY	670 250 1168
NRY ANCHORS, TYPE 9 , 56 - MCH BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS (S CK REPAIR	LB SY SY SY	470 250 1168 37
NRY ANCHORS, TYPE 9 , 56 - MCH BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS (S CK REPAIR	LB SY SY	670 250 1168
NRY ANCHORS, TYPE 9, 50 - MCH BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS KS CK REPAIR KONRY, OVERLAY, DECKS	LB SY SY SY	470 250 1168 37
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB SY SY SY CY SF	670 250 1160 37 73
NRY ANCHORS, TYPE 9, 50 - MCH BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS KS CK REPAIR KONRY, OVERLAY, DECKS	LB SY SY SY CY	670 250 1160 37 73 19
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB SY SY SY CY SF	670 250 1160 37 73 19
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB SY SY SY CY SF	670 250 1160 37 73 19
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB SY SY SY CY SF	670 250 1160 37 73 19
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB 57 57 57 CY 9F EA	470 250 1140 37 -33 19 23
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB 57 57 57 CY 9F EA	670 250 1160 37 73 19
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB 57 57 57 CY 9F EA	470 250 1140 37 -33 19 23
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB 57 57 57 CY 9F EA	470 250 1140 37 -33 19 23
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB 57 57 57 CY 9F EA	470 250 1140 37 -33 19 23
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING	LB 57 57 57 CY 9F EA	470 250 1140 37 -33 19 23
NRY ANCHORS, TYPE 9, 50 - MCM BAR STEEL REINFORCEMENT, BRIDGES ARBON STEEL DECKS CK REPAIR DORN, OVERLAY, DECKS EMBRANE WATERPROOFING BLIES FOR STEEL PLATE BEAM GUARD	LB SY SY CY SF EA SIZE //	470 250 1166 37 73 19 2 263/4
NRY ANCHORS, TYPE 9, 50 - MCM DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR HONRY, OVERLAY, DECKS EMBRANE WATERPROOFING BLIES FOR STEEL PLATE BEAM GUARD		470 250 1166 37 73 19 2 2 6 3/4 8
NRY ANCHORS, TYPE 9, 5/0 - MCM DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR DONRY, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE BEAM GUARD	LB 3Y SY SY CY 9F EA SIZE //	6 70 250 1160 37 73 19 2 6 3/4 8,
NRY ANCHORS, TYPE 9, 5/6 - MCA DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR DONRY, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE BEAM GUARD	LB SY SY SY CY SF EA SIZE //	6 70 250 1160 37 73 19 2 6 3/4 8,
NRY ANCHORS, TYPE 9, 5/6 - MCA DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR DONRY, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE BEAM GUARD	LB 3Y SY SY CY 9F EA SIZE //	6 70 250 1160 37 73 19 2 6 3/4 8,
NRY ANCHORS, TYPE 9, 5/6 - AICA DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR HONRY, OVERLAY, DECKS EMBRANE WATERPROOFING BLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE BEAM GUARD NO Dete Revoluent No Dete Revoluent STATE OF ME DIVISION OF ME STRUCTURE E	LB 37 37 37 37 37 37 57 57 57 57 57 57 57 57 57 57 57 57 57	470 250 1166 37 73 14 2 2 6 3/4 8
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NRY ANCHORS, TYPE 9, 5/0 - MCA DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR WATERPROOFING BLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE DEAM GUARD	LB SY SY CY SF EA SIZE // SIZE // SIZE // CONSIN INSPORTATION IGHWAYS D-3-21 CHETEK	470 250 1160 37 73 19 2 263/4 8, RIVER
NRY ANCHORS, TYPE 9, 5/0 - AICA DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR KONRY, OVERLAY, DECKS EMBRANE WATERPROOFING BLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE BEAM GUARD SIATE UT MS DEPARTMENT OF THE DIVISION OF H STRUCTURE E USH. J3 NB OVER County BARRON	LB SY SY CY SF EA SIZE // SIZE // SIZE // CONSIN INSPORTATION IGHWAYS D- 3- 21 CHETEK	470 250 1160 37 73 14 2 2 6 3/4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
NRY ANCHORS, TYPE 9, 5/6 - AICH DAR STEEL REINFORCEMENT, BRIDGES CARBON STEEL DECKS CK REPAIR NONRY, OVERLAY, DECKS EMBRANE WATERPROOFING BLIES FOR STEEL PLATE BEAM GUARD SLIES FOR STEEL PLATE BEAM GUARD STATE UP MS DEPAP WENT OF THE DIVISION OF M STRUCTURE USH. 33 NB OVER County BARRON Drigs Spin AASHTO 90 Las	LB SY SY SY SY SF EA SF EA SIZE // SIZE // SIZE // CNSIN IGHWAYS S-3-21 CHETEK	470 250 1160 37 73 19 263/4 8, RIVER CHETEK
NRY ANCHORS, TYPE 9, 5/0 - AICA DAR BON STEEL REINFORCEMENT, BRIDGES AR BON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING BLIES FOR STEEL PLATE DEAM GUARD SLIES FOR STEEL PLATE DEAM GUARD NO DEN NO DEN STATE UP YOS DEPAPMENT OF THA DIVISION OF H STRUCTURE U.S.H. 35 NB OVER County BARRON DEND SON ASHTO 90 LO	LB SY SY SY CV SF EA SIZE // SIZE // SIZE // CONSIN INSPORTATION IGHWAYS S-3-21 CHETEK	GTO 250 1160 37 73 19 2 263/4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
NRY ANCHORS, TYPE 9, 5/0 - MCA DAR STEEL REINFORCEMENT, BRIDGES AR BON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD NO DOW NO DOW STATE UP MISSION OF HA DIVISION OF HA DIVISION OF HA STRUCTURE COUNTY BARRON DECKS COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE STRUCTURE COUNTY BARRON DECKS STRUCTURE STR	LB SY SY CY SF EA SIZE // SIZE // SIZE // CONSIN INSPORTATION IGH WAYS D- 3- 21 CHETEK	470 250 1160 37 73 19 263/4 8, RIVER CHETEK
NRY ANCHORS, TYPE 9, 5/0 - AICA DAR BON STEEL REINFORCEMENT, BRIDGES AR BON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING BLIES FOR STEEL PLATE DEAM GUARD SLIES FOR STEEL PLATE DEAM GUARD NO DEN NO DEN STATE UP YOS DEPAPMENT OF THA DIVISION OF H STRUCTURE U.S.H. 35 NB OVER County BARRON DEND SON ASHTO 90 LO	LB SY SY CY SF EA SIZE // SIZE // SIZE // CONSIN INSPORTATION IGH WAYS D- 3- 21 CHETEK	GTO 250 1160 37 73 19 2 263/4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
NRY ANCHORS, TYPE 9, 5/0 - MCA DAR STEEL REINFORCEMENT, BRIDGES AR BON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD NO DOW NO DOW STATE UP MISSION OF HA DIVISION OF HA DIVISION OF HA STRUCTURE COUNTY BARRON DECKS COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE STRUCTURE COUNTY BARRON DECKS STRUCTURE STR	LB SY SY CY SF EA SIZE // SIZE // SIZE // CONSIN INSPORTATION IGH WAYS D- 3- 21 CHETEK	GTO 250 1160 37 73 19 2 263/4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
NRY ANCHORS, TYPE 9, 5/0 - MCA DAR STEEL REINFORCEMENT, BRIDGES AR BON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD NO DOW NO DOW STATE UP MISSION OF HA DIVISION OF HA DIVISION OF HA STRUCTURE COUNTY BARRON DECKS COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE COUNTY BARRON DECKS STRUCTURE STRUCTURE COUNTY BARRON DECKS STRUCTURE STR		CHETEK RIVER CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK
NRY ANCHORS, TYPE 9, 5/0 - MCA BAR STEEL REINFORCEMENT, BRIDGES ARBON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD DISTON OF MALE NO Dets NO Dets NO Dets STATE UP ME DEPAR MENT OF TRA- DIVISION OF H STRUCTURE U.S.H. J3 NB OVER County BARRON Drigon MGW Crease SM 5 By Approved State of SM 5 By Appro	LB SY SY CY SF EA SIZE // SIZE // SIZE // CONSIN INSPORTATION IGH WAYS D- 3- 21 CHETEK	CHETEK
NRY ANCHORS, TYPE 9, 50 - MCA DAR BON STEEL REINFORCEMENT, BRIDGES ARBON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD DIEDE FOR STEEL PLATE DEAM GUARD SLIES FOR STEEL PLATE DEAM GUARD DIVISION OF H STRUCTURE U.S.H. J3 NB OVER Countly BARRON Drigon Spin ASHTO 90 Lis DIVISION OF LIS CONCRETE		CHETEK RIVER CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK
NRY ANCHORS, TYPE 9, 5/0 - MCA BAR STEEL REINFORCEMENT, BRIDGES ARBON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD DISTON OF MAN DISTON OF MAN DIVISION OF MAN County BARRON DIVISION OF MAN County BARRON DIVISION OF MAN County BARRON DIVISION OF MAN DIVISION	LB SY SY SY CY SF EA SIZE J SIZE J SIZE J CONSIN INSPORTATION IGH WATYS IGH WATYS IGH WATYS IGH WATYS IGH WATYS IGH WATYS SHEET	CHETEK CHETEK
NRY ANCHORS, TYPE 9, 50 - MCA DAR BON STEEL REINFORCEMENT, BRIDGES ARBON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD DIEDE FOR STEEL PLATE DEAM GUARD SLIES FOR STEEL PLATE DEAM GUARD DIVISION OF H STRUCTURE U.S.H. J3 NB OVER Countly BARRON Drigon Spin ASHTO 90 Lis DIVISION OF LIS CONCRETE	LB SY SY SY CY SF EA SIZE J SIZE J SIZE J CONSIN INSPORTATION IGH WATYS IGH WATYS IGH WATYS IGH WATYS IGH WATYS IGH WATYS SHEET	CHETEK RIVER CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK CHETEK
NRY ANCHORS, TYPE 9, 50 - MCA DAR BON STEEL REINFORCEMENT, BRIDGES ARBON STEEL DECKS CK REPAIR KONRN, OVERLAY, DECKS EMBRANE WATERPROOFING SLIES FOR STEEL PLATE DEAM GUARD DIEDE FOR STEEL PLATE DEAM GUARD SLIES FOR STEEL PLATE DEAM GUARD DIVISION OF H STRUCTURE U.S.H. J3 NB OVER Countly BARRON Drigon Spin ASHTO 90 Lis DIVISION OF LIS CONCRETE	LB SY SY SY CY SF EA SIZE J SIZE J SIZE J CONSIN INSPORTATION IGH WATYS IGH WATYS IGH WATYS IGH WATYS IGH WATYS IGH WATYS SHEET	CHETEK CHETEK

5=3=2



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