



BRIDGE LOAD RATING SUMMARY REPORT

OFFICE OF STRUCTURAL ENGINEERING

OHIO DEPARTMENT OF TRANSPORTATION

SFN	BRIDGE NUMBER	DISTRICT	GPS COORDINATES	
			LATITUDE:	LONGITUDE:
5500516	MIA-41-0132	7	40.01171508	-84.06295006
ORIGINAL CONSTRUCTION YEAR	REHABILITATION YEAR	OVERALL STRUCTURE LENGTH	FEATURE INTERSECTED	
1950		19 ft	MCNEAL DITCH	

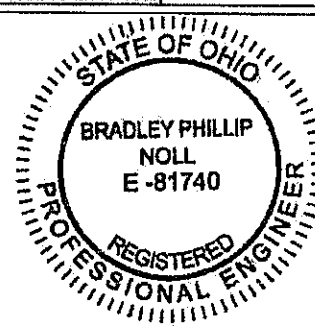
SPECIAL ASSUMPTIONS & COMMENTS	Modeled by MBI, reviewed by BPN, March 2020, from original (1950) & overlay (2005) construction plans, standard drawings, and inspection data.			
	Single span (16'-0" c/c brgs) reinforced concrete slab (11.5" thick, plus 3.9" asphalt overlay) on reinforced concrete substructure. Bridge alignment is tangent with a skew of 10 deg LF, a roadway width of 36'-0" f/f Rails and the design loading is S-15-46. Used modified EV live load factors. [EV2=1.3, EV3=1.1]			

PLEASE SELECT ON RIGHT, WHERE APPROPRIATE, BY USING THE DROP DOWN ARROW BUTTON	
LOAD RATING PURPOSE :	8 - Update Analysis Model and Software
GENERAL APPRAISAL (0-9) :	7
(708) LOAD RATING SOFTWARE :	3 - AASHTO BrR (VIRTIS)
SOFTWARE VERSION :	6.8.4.3001
(709) RATING SOURCE :	1 - Plan information available for load rating analysis
(63)(65) RATING METHOD :	6 - Load Factor (LF) rating reported by rating factor (RF)
(31) ORIGINAL DESIGN LOADING :	3 - HS15

STRUCTURE RATING SUMMARY							
OHIO LEGAL VEHICLES				DESIGN VEHICLE			
Loading Type	GVW (Tons)	Operating Rating RF	Legal Weight (Tons)	Loading Type	Rating by RF		
					Operating	Inventory	
2F1	15	1.994	15.00	HS20 Loading	1.246	0.746	
3F1	23	1.561	23.00				
4F1	27	1.424	27.00				
5C1	40	1.561	40.00	Overall Legal Posting Rating	100%		
				Posting Recommendation	No Load Posting is Recommended		
SPECIALIZED HAULING VEHICLES (SHV)				Sign Posting Recommendation:			
SU4	27	1.352	27.00				
SU5	31	1.352	31.00				
SU6	34.75	1.345	34.75				
SU7	38.75	1.345	38.75				
EMERGENCY VEHICLES (EV)							
Check box if this is an NBI bridge ☒							
EV2	28.75	1.190	28.75				
EV3	43	1.012	43.00				

AGENCY/FIRM/OFFICE	ODOT-Office of Structural Engineering	Report Date	2/26/2020
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Rated By		Reviewed By	
Name:	Michael Jonassen	Name:	Bradley P. Noll
PE Number:		PE Number:	81740
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DISTRICT SEVEN

Proj. 957-91

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

COUNTY: MIAMIROUTE: 41SECTION: 0.0 to TROY

BRIDGE DECK CONDITION SURVEY REPORT

BRIDGE NO.	TYPE	EXISTING SURFACE			AREA SURVEYED				DETERIORATION			REMARKS
		AREA	TYPE	CONDITION	METHOD	DATE	SQ. YDS.	UNBOUND	TOTAL EST.	FACTOR	PLAN QUAN.	
MIA-41-00.59	231	267	ASP.	GOOD	Visual	4-25-91	267	0%	—	—	—	OVERLAY w/ Minimal Amt.
			BUILT	IN 1936	—	2 1/2" ASP. w/ waterproofing					1A	
MIA-41-01.32	111	77	ASP.	FAIR	Visual	4-25-91	77	2%	Random	SURF.	Cracks	SEE PLAN SHEET
			EXISTING WEARING SURFACE = 8 1/2"								5A	
					# Cores							
MIA-41-02.31	321	131	ASP.	FAIR	Visual	4-25-91	131	0%	Random	Surface	Cracks	SEE PLAN SHEET
					# Cores						6A	
MIA-41-04.22	231	240	ASP.	FAIR	Visual	4-25-91	240	0%	Random	Surface	Cracks	Overlay w/ Minimal Amt.
											7A	
MIA-41-06.44	121	665	ASP.	FAIR	Visual	4-25-91	665	0%	Random	Surface	Cracks	Overlay w/ Minimal Amt.
					# Cores						6A	
			(EXISTING Asphalt varies from 6" to 4")									
MIA-41-07.85	195	TWIN	9' Concrete	Boxes	4-25-91	—	—	—	—	—	—	Overlay AS REGULAR ROADWAY
MIA-41-08.33	322	2527	ASP.	FAIR	Visual	4-25-91	2527	10%	—	—	—	SKIP STRUCTURE
					# Cores							
OPERATIONS: BRIDGE PLAN WILL RE-WATERPROOF & ASP. OVERLAY												

(JOB LIMITS WILL BE 75' FROM END DAMNS)

SUBMITTED BY:

Randy Chubbey

DATE:

6/26/91

- STRUCTURE MIA-41-01.32;
PROPOSED WORK;
- 1. PAVEMENT PLANING: ITEM 254
 - 2. WEARING COURSE REMOVAL: ITEM 202
(REMOVE 6.5" OF 8.5" WEARING SURFACE)
 - 3. SUBBASE REMOVAL AND PREPARATION
 - 4. 402 ASPHALT PLACEMENT
 - 5. DECK EDGE REPAIR
 - 6. GUARDRAIL RE-USE AND PLACEMENT
(BOTH SIDES)
 - 7. LINEAR GRADING
 - 8. PLACE 1.5" OVERLAY
(INCLUDED WITH 404 QUANTITIES)

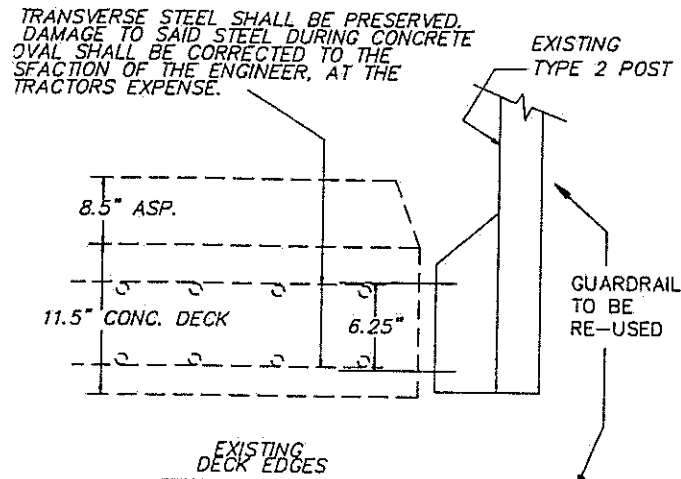
STRUCTURE DETAIL
MIA-41-01.32

FHWA REGION	STATE	FEDERAL PROJECT	
5	OHIO		

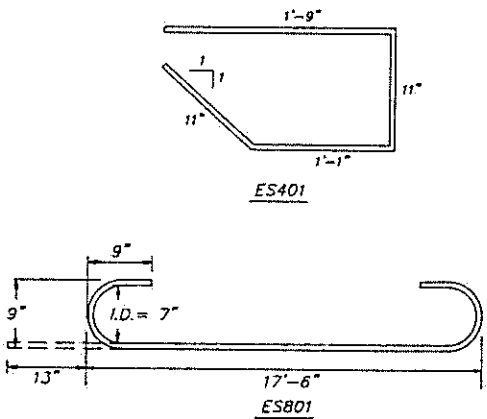
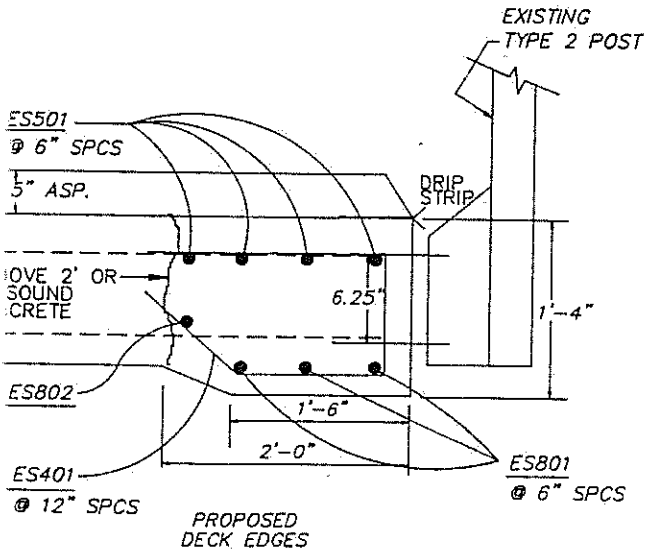
PLAN NO.

On Proj. 957-91

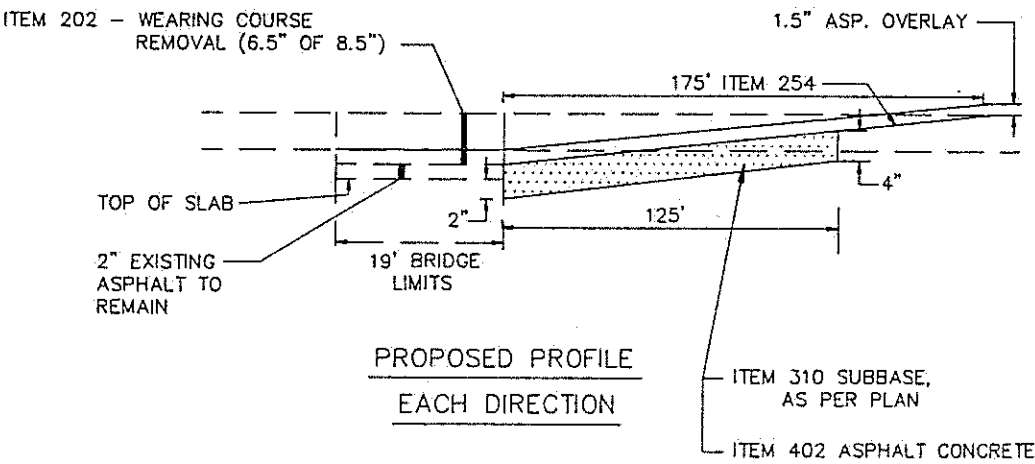
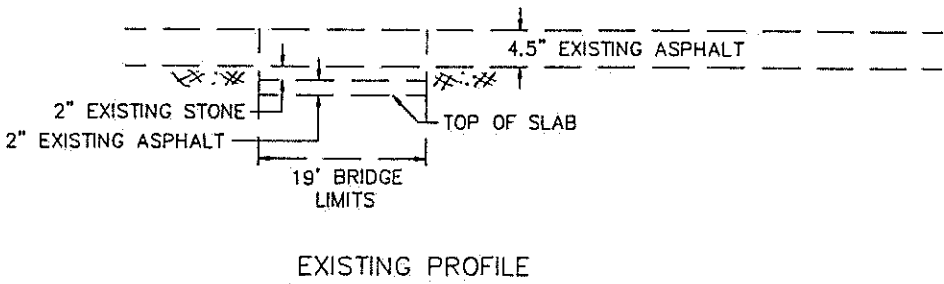
DECK EDGE REPAIR



ITEM 509, EPOXY COATED REIN. STEEL LIST				
MARK	NO.	LENGTH	WEIGHT	SHP.
ES401	38	4'- 5"	112	B
ES501	8	18'- 6"	154	S
ES801	6	20'- 2"	323	B
ES802	2	18'- 6"	99	S
TOTAL			688 LBS.	



PROFILES



BRIDGE GENERAL NOTES AND SUMMARY

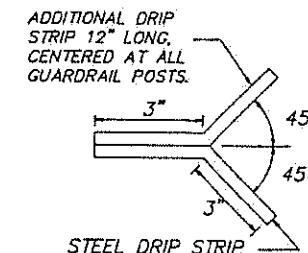
PLAN NO.	FHWA REGION	STATE	PROJECT	
	5	OHIO		



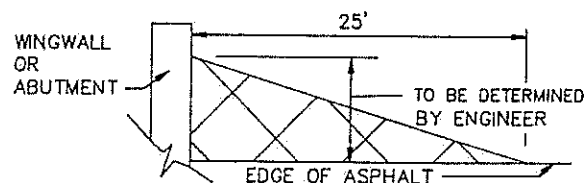
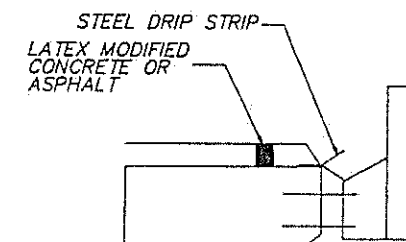
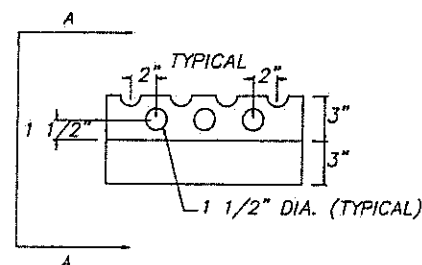
THE EXISTING ASPHALT THICKNESS OF THIS STRUCTURE IS APPROXIMATELY 5 1/2 INCHES. THE PROPOSED WORK SHALL CONSIST OF REMOVING 2 INCHES OF ASPHALT AND PLACING 1/2" OF ASPHALT WITH THE ROADWAY RESURFACING. ONE NEEDED FEET OF PAVEMENT PLANING IS SET UP TO PROVIDE CONSISTENCY TO AND FROM THE STRUCTURE. THE FINAL PROPOSED ASPHALT THICKNESS ON THE BRIDGE NEEDS TO BE 5".

THIS ITEM SHALL CONSIST OF PLACING ASPHALT AT BOTH BRIDGE APPROACHES LISTED BELOW. THE TOTAL DEPTH IS TO BE 6 INCHES, PLACED IN TWO LIFTS AND MEET THE FINAL PROPOSED BRIDGE SURFACE ELEVATION. THE LENGTH OF THE TRIANGLE WEDGES WILL BE 25 L.F. AND THE WIDTH AT THE BRIDGE WILL BE DETERMINED BY THE ENGINEER. ALL LABOR, EQUIPMENT AND MATERIAL TO PLACE THE ASPHALT WEDGE WILL BE INCLUDED IN THE BID PRICE FOR 404 ASPHALT CONCRETE.

A BENT DRIP STRIP SHALL BE INSTALLED ALONG THE EDGES OF THE DECK AS PER PLAN. THE STRIPS SHALL BE FASTENED AT 1'-6" c/c MAXIMUM WITH POWER DRIVEN PINS OR NO. 10 GALVANIZED SCREWS AND EXPANSION ANCHORS, SUBJECT TO THE APPROVAL OF THE ENGINEER. THE STRIPS SHALL BE PLACED THE FULL LENGTH OF THE DECK, ENDING AT THE FACE OF THE ABUTMENT WINGWALL OR STEEL END DAM ANGLE. DRIP STRIP PANELS SHALL BE BUTTED TOGETHER. STEEL FOR GALVANIZED STRIPS SHALL BE 6" X 0.105" AND SHALL MEET THE REQUIREMENTS OF ASTM A568. GALVANIZING SHALL BE IN ACCORDANCE WITH 711.02. STAINLESS STEEL SHALL BE 20 GAUGE ASTM A167, TYPE 304, MILL FINISH. PAYMENT SHALL BE AT THE CONTRACT PRICE BID FOR ITEMS SPECIAL, LIN. FT., STEEL DRIP STRIP, TYPE 2, WHICH INCLUDES ALL MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE ITEM. THE FINAL PAY QUANTITY SHALL BE THE ACTUAL OVERALL LENGTH OF THE DRIP STRIP. ADDITIONAL STRIPS AT POSTS SHALL NOT BE MEASURED FOR PAYMENT.



VIEW A-A

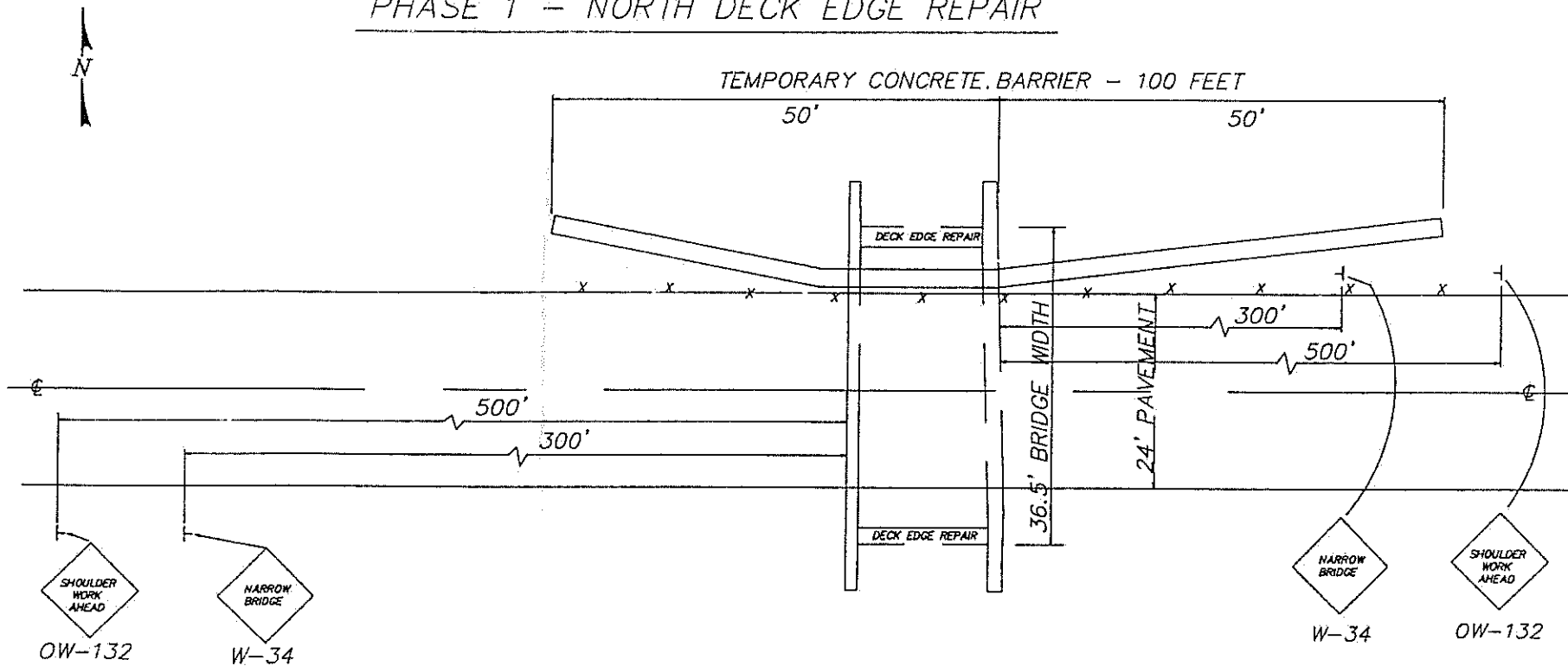


TYPICAL ASPHALT WEDGE

[illegible]

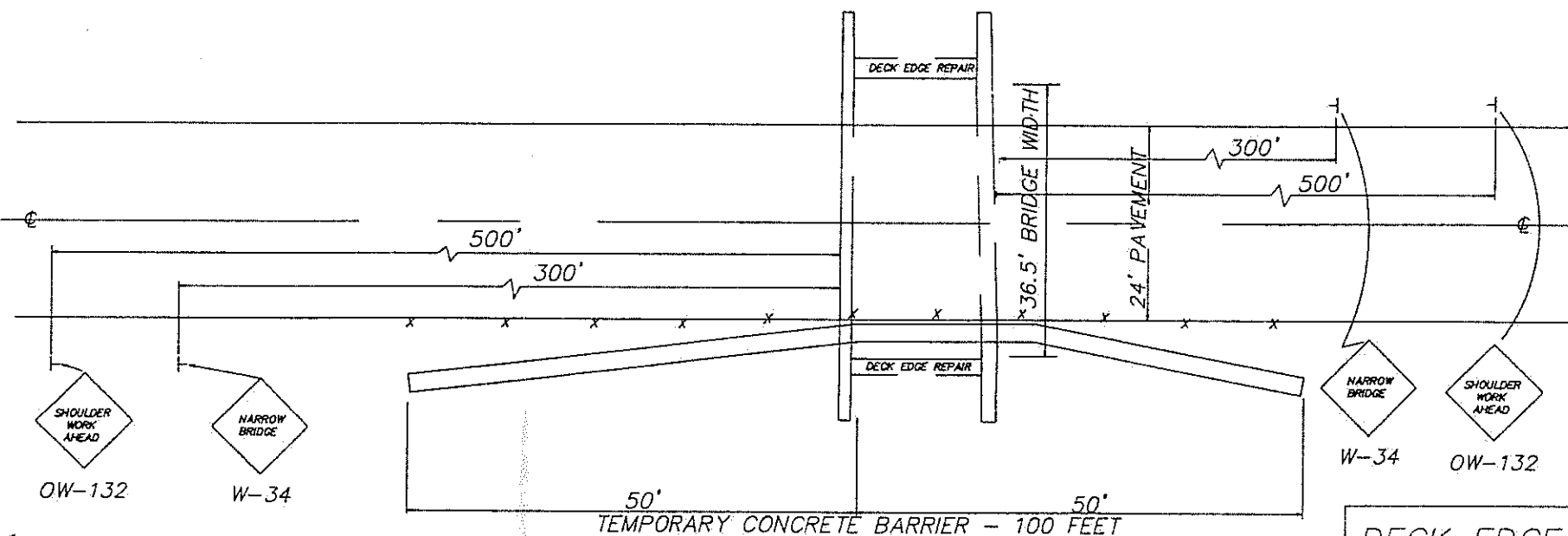
PHASE 1 – NORTH DECK EDGE REPAIR

TEMPORARY CONCRETE BARRIER – 100 FEET



PHASE 2 – SOUTH DECK EDGE REPAIR

TEMPORARY CONCRETE BARRIER – 100 FEET



FHWA REGION	STATE	PROJECT
5	OHIO	

TRAFFIC CONTROL
MIA-41-01.32
DECK EDGE REPAIR

ITEM 614 MAINTAINING TRAFFIC

ALL SIGNS (4 TOTAL), TEMPORARY RAISED PAVEMENT MARKERS (2 EACH), MATERIAL, EQUIPMENT, AND LABOR SET TRAFFIC CONTROL FOR STIP MIA-41-01.32 WILL BE INCLUDED UNDER THE LUMP SUM BID: ITEM 614 MAINTAINING TRAFFIC.

X TEMP. RAISED PAVE. MARKERS (2 EACH)
WHITE, 1-WAY, 10' SPACING
TOTAL = 11 EACH DECK

DECK EDGE TRAFFIC CONTROL - MIA-41-

BR.# MIA-41-02.31 / 01.32
 QTY & EST. CALC.

DATE 6/25/91
 NAME RLC

1/2

ITEM	QTY	DESCRIPTION	ESTIMATE
<u>MIA-41-02.31</u>			
202	131 SY	WEARING COURSE REMOVED $28(42)/9 = 131 \text{ SY} (\$8/\text{SY}) = \$$	1048
254	311 SY	PAVEMENT PLANING $2(50)28/9 = 311.1 \text{ SY} (\$8/\text{SY}) = \$$	2490
<u>MIA-41-01.32</u>			
202	77 SY	WEARING COURSE REMOVED $19(36.9)/9 = 77.1 (\$8/\text{SY})$	616
254	933 SY	PAVEMENT PLANING, BITUMINOUS $175(24)/9 * 2 = 933.3 (\$8/\text{SY})$	7464
511	4 CY	CLASS "S" CONCRETE $1.33(2)19 = 50.54 \text{ ft}^3$ $+ \frac{1}{2}(.5)(.375)(19) = 1.78 \text{ ft}^3$ $\frac{48.76 \text{ ft}^3}{27} = 1.8 \text{ CY}$ $2(500) = 1000$	2000
509	688 LBS	EPoxy RE.ST GR 60 (see PLAN SHEET) 688 LBS $688(1) = \$688$	688
310	667 SY	SUBBASE, AS PER PLAN, TYPE I $125(24)/9 = 333.3(2) = 666.7 \text{ SY} @ \$18 =$	12,000
402	74 CY	ASPHALT CONCRETE, AC-20 $[125(24) \frac{4}{12}] / 27 = 37(2) = 74 \text{ CY} @ \$55 =$	4070
606	51.6 L.F.	GUARDRAIL REBUILT, AS PER PLAN 51.6 L.F. FIELD MEASURED X \$6.00 =	310
SPEC.	32 L.F.	STEEL DRIP STRIP L.F. X \$12 =	384

BR.# 0231 CONT
QTY & EST. CALC.

DATE 6/25/91
NAME RLC

ITEM	QTY	DESCRIPTION	ESTIMATE
622	200 L.F.	TEMP CONC. BAR. 100' EACH DIR. X \$15 =	3000
614	LUMP	Maintaining Traffic	1500
202	LUMP	Portions of Structure Removed	5000
203	3.5 STA.	LINEAR GRADING 3.5 * 100	350
TOTAL			\$40920

DIVISION OF HIGHWAYS
BRIDGE INSPECTION REPORT

5500516

STRUCTURE FILE NUMBER

BRIDGE NUMBER

071A

041

0132

YEAR BUILT

5000

COUNTY

ROUTE

UNIT

DISTRICT

07

BRIDGE TYPE

111

TYPE SERVICE

115

McNeal Ditch

DECK

SUPERSTRUCTURE

SUBSTRUCTURE

CULVERTS

CHANNEL

APPROACHES

GENERAL

	MAT.	TYPE	80	81	82	83	84	85	87	88	89
1. FLOOR			1	1	2	1	2	1	2	2	2
2. WEARING SURFACE			2	1	1	1	1	1	2	2	2
3. CURBS & RAILWAYS											
4. MEDIAN											
5. RAILING			7	1	1	1	1	1	1	1	2
6. DRAINAGE			1								
7. EXPANSION JOINTS											
8. SUMMARY			8	6	8	6	8	5	5	3	5
9. ALIGNMENT			1	1	1	1	1	1	1	1	1
10. BEAMS OR GIRDERS											
11. DIAPHRAGMS OR CROSSFRAMES											
12. JOIST											
13. FLOOR BEAMS											
14. FLOOR BEAM CONNECTIONS											
15. VERTICALS											
16. DIAPHRAGMS											
17. END POST											
18. TOP CHORD											
19. LOWER CHORD											
20. LOWER LATERAL BRACING											
21. TOP LATERAL BRACING											
22. SHOT BRACING											
23. PORTALS											
24. BRACING			9	1	1	1	1	1	1	1	1
25. ARCH											
26. ARCH COUPLERS OR HANGERS											
27. SPAN RAIL WALLS											
28. SUSPENSION SYSTEM											
29. SUSPENDERS											
30. TURNS											
31. BENT POST											
32. ANCHOR											
33. BRIDGE MACHINERY											
34. PAINT											
35. LIVE LOAD RESPONSE			1	1	2	2	1	5	3	5	5
36. SUMMARY			8	8	8	6	8	5	5	5	5
37. ABUTMENTS			2	1	1	2	1	2	1	2	2
38. ABUTMENT SEATS			1	2	1	1	1	1	2	2	2
39. PIERS											
40. PIER SEATS											
41. BACKWALLS											
42. KINGWALLS											
43. FENCES & DOLPHINS			1	1	1	1	1	1	2	2	2
44. SUMMARY			8	8	8	7	8	7	7	7	7
45. GENERAL											
46. ALIGNMENT											
47. HEADWALLS OR END WALLS											
48. SUMMARY											
49. ALIGNMENT			1	1	1	1	1	1	1	1	1
50. PROTECTION			5	1	1	1	1	1	2	2	2
51. WATERWAY ADEQUACY			1	2	1	1	1	1	2	2	2
52. SUMMARY			8	7	8	8	8	8	5	5	5
53. PAVEMENT			2	1	1	1	1	2	2	2	2
54. ALIGNMENT			1	1	1	1	1	1	1	1	1
55. GRADE			1	1	1	1	1	1	1	1	1
56. APPROACH SLABS			1	1	1	1	1	1	1	1	1
57. GUARDRAIL			1	1	1	1	1	1	1	1	1
58. RELIEF JOINTS			1	1	1	1	1	1	1	1	1
59. EMBANKMENT			1	1	1	1	1	1	2	2	2
60. SUMMARY			8	8	8	8	8	7	7	7	7
61. NAVIGATION LIGHTS											
62. WARNING SIGNS											
63. INSPECTION RESPONSIBILITY			1	1	1	1	1	1	1	1	1
64. MAINTENANCE RESPONSIBILITY			1	1	1	1	1	1	1	1	1
65. VERTICAL CLEARANCE											
66. GENERAL APPRAISAL			8A	5A	8A	6A	8A	5A	5A	5A	5A
INSPECTED BY:			FLIMMEL	RL	KMG	WU	WU	WU	WU	WU	WU
DATE			12-23-12	12-11-12	12-11-12	12-11-12	12-11-12	12-11-12	12-11-12	12-11-12	12-11-12
YEAR			81	82	82	84	84	86	87	89	90

BRIDGE INVENTORY & APPRAISAL CODE SHEET

CODED BY CWP DATE 8-13-73 CHECKED BY _____ DATE _____

STRUCTURE FILE NO.		1	55,90,516
TRANS. CODE		8	

81-0132

(1) COUNTY										(2) CITY OR TOWN										(3) ON/UNDER SYSTEM										(4) ROUTE NUMBER										(5) DIRECT. BUFFER DESIGNATION										(6) PREF. ROUTE																																																											
COUNTY										CITY OR TOWN										ON/UNDER SYSTEM										ROUTE NUMBER										DIRECT. BUFFER DESIGNATION										PREF. ROUTE																																																											
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107										000																																																																																																			

CHECKLIST FOR INVENTORY UPDATE

STRUCTURE NUMBER MIA-41-0132 (5500516)

PROJECT NUMBER 44-81

 I. INVENTORY

- () File Folders
- () Aperture Cards
- (~~X~~) Bridge Cards
- (~~X~~) BR-87
- () Posting and Vertical Clearance Book
- () Ditch Files
- () Bridge Type Inventory List
- () Bridge Identification Signs
- () BARS drawer
- () Deck Condition Survey Report Listing

 II. MAPS

- () Large District Mylar
- () Small District Mylar
- () Individual County Mylars
- () Large Permit Map Mylar
- () Individual County Permit Maps (Vertical Clear & Postings)
- () Posted Bridge Map Mylar

 III. INSPECTION

- () BR-86
- () Bridge Inspection Review Sheets (Originals)
- () Bridge Inspection Summary (Black Books)

 IV. COMPUTER PRINTOUTS

- () Contract Repair and Replacement Needs
- () Waterproofing Bridge Deck List
- () Bridge Painting Estimates
- () Bridge Painting Inventory

 V. WORK PERFORMED

Deep Beam Rail

CHECKLIST FOR INVENTORY UPDATE

STRUCTURE NUMBER MIA-41-0132

PROJECT NUMBER 311-80 SR-724(2)
Completed 9-9-80

Leary 74"-1980

I. INVENTORY

- () File Folders
- () Aperture Cards
- ~~+~~ X) Bridge Cards
- ~~+~~ X) BR-87
- () Posting and Vertical Clearance Book
- () Ditch Files
- () Bridge Type Inventory List
- () Bridge Identification Signs
- () BARS drawer
- ~~+~~ X) Deck Condition Survey Report Listing

II. MAPS

- () Large District Mylar
- () Small District Mylar
- () Individual County Mylars
- () Large Permit Map Mylar
- () Individual County Permit Maps (Vertical Clear & Postings)
- () Posted Bridge Map Mylar

III. INSPECTION

- ~~+~~ X) BR-86
- ~~+~~ X) Bridge Inspection Review Sheets (Originals)
- ~~+~~ X) Bridge Inspection Summary (Black Books)

IV. COMPUTER PRINTOUTS

- () Contract Repair and Replacement Needs
- ~~+~~ X) Waterproofing Bridge Deck List
- () Bridge Painting Estimates
- () Bridge Painting Inventory

*8" Tile clay
3.22/24+90.
5135*

OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE INSPECTION REPORT

5500516

STRUCTURE FILE NUMBER

BRIDGE NUMBER

M/A

41

0132

YEAR BUILT 5000

COUNTY

ROUTE

UNIT

DISTRICT 07

BRIDGE TYPE III

TYPE SERVICE 115

Mc Neal Ditch

	MAT.	TYPE	75	76	77	78	79	80	81	82	83	84	85	86
DECK	1. FLOOR	1	2	1	1	1	2							
	2. WEARING SURFACE	2	1	2	2	2	2							
	3. CURBS & WALKWAYS													
	4. MEDIAN													
	5. RAILING	7	1	2	1	1	2							
	6. DRAINAGE	1	1	1	1	1	1							
	7. EXPANSION JOINTS													
	8. SUMMARY		6	7	7	7	6							
SUPERSTRUCTURE	9. ALIGNMENT		1	1	1	1	1							
	10. BEAMS OR GIRDERS													
	11. DIAPHRAGMS OR CROSSFRAMES													
	12. JOIST													
	13. FLOOR BEAMS													
	14. FLOOR BEAM CONNECTIONS													
	15. VERTICALS													
	16. DIAGONALS													
	17. END POST													
	18. TOP CHORD													
	19. LOWER CHORD													
	20. LOWER LATERAL BRACING													
	21. TOP LATERAL BRACING													
	22. SWAY BRACING													
	23. PORTALS													
	24. BEARINGS	5	1	2	1	1	1							
	25. ARCH													
	26. ARCH COLUMNS OR HANGERS													
	27. SPANDRAL WALLS													
	28. SUSPENSION SYSTEM													
	29. SUSPENDERS													
	30. TOWERS													
	31. BENT POST													
	32. ANCHORAGE													
	33. BRIDGE MACHINERY													
	34. PAINT													
SUBSTRUCTURE	35. LIVE LOAD RESPONSE		1	1	1	1	1							
	36. SUMMARY		8	8	8	8	8							
	37. ABUTMENTS	2	1	1	1	1	2							
	38. ABUTMENT SEATS		1	2	1	1	2							
	39. PIERS													
	40. PIER SEATS													
	41. BACKWALLS													
	42. WINGWALLS			1	1	1	1	2						
	43. FENDERS & DOLPHINS													
	44. SUMMARY		8	8	8	8	7							
CULVERTS	45. GENERAL													
	46. ALIGNMENT													
CHANNEL	47. HEADWALLS or END WALLS													
	48. SUMMARY													
APPROACHES	49. ALIGNMENT		1	1	1	1	1							
	50. PROTECTION		1	1	1	1	2							
	51. WATERWAY ADEQUACY		2	1	1	1	1							
	52. SUMMARY		8	8	8	8	7							
	53. PAVEMENT	2	2	2	2	3	2							
	54. ALIGNMENT		1	1	1	1	1							
	55. GRADE		1	2	1	1	1							
	56. APPROACH SLABS		1	1	1	1	1							
GENERAL	57. GUARD RAIL	7	1	2	3	1	2							
	58. RELIEF JOINTS		1	2	1	1	2							
	59. EMBANKMENT		1	1	1	1	1							
	60. SUMMARY		8	7	7	7	7							
	61. NAVIGATION LIGHTS		1	1	1	1	1							
	62. WARNING SIGNS		1	1	1	1	1							
	63. INSPECTION RESPONSIBILITY		1	1	1	1	1							
	64. MAINTENANCE RESPONSIBILITY		1	1	1	1	1							
	65. VERTICAL CLEARANCE		1	1	1	1	1							
	66. GENERAL APPRAISAL (CONDITION)		6	6	7	7	5							
	67. GENERAL APPRAISAL (STATUS)		A	A	A	A	A							
INSPECTED BY			WM	FL	JP	FL	MH							
DATE			4-6	12-9	13-15	16-24	1-23							
YEAR			76	76	78	78	80							

OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

BRIDGE INVENTORY & APPRAISAL CODE SHEET

PROCESSING KEY	
STRUCTURE FILE NO.	TRANS. CODE
650,051.6	4

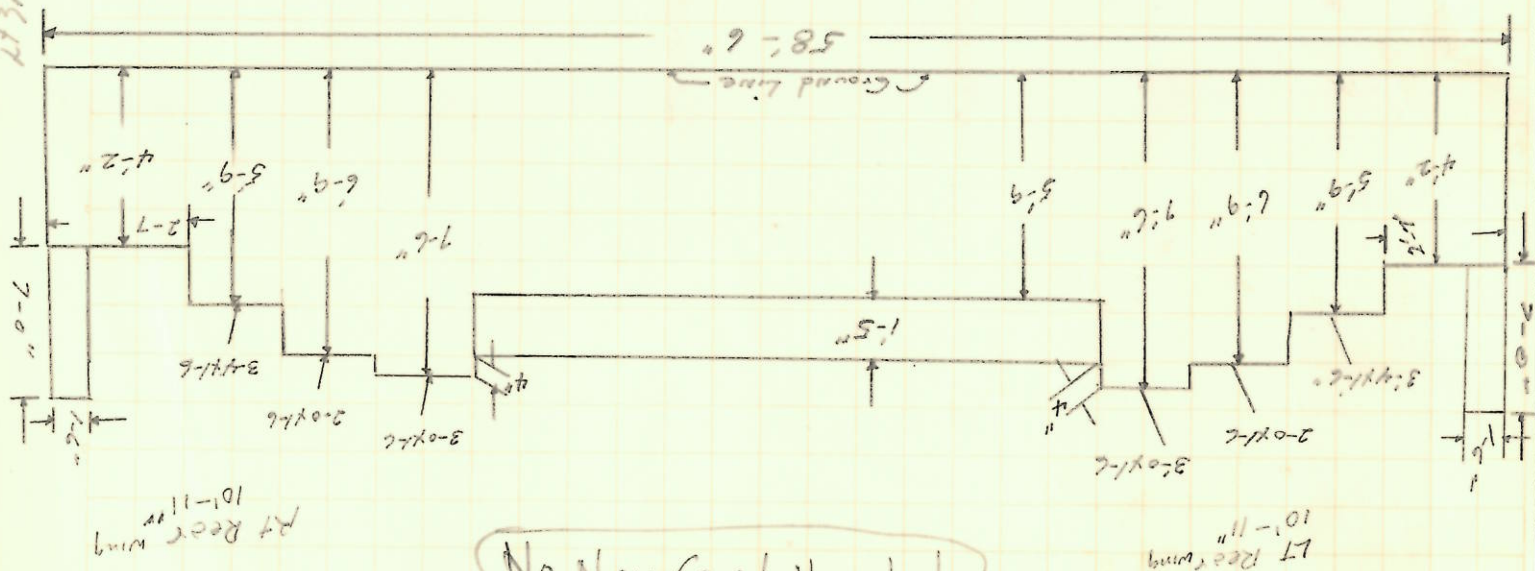
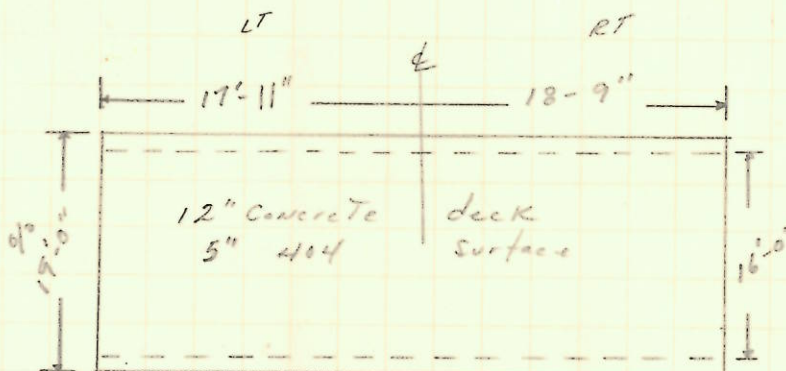
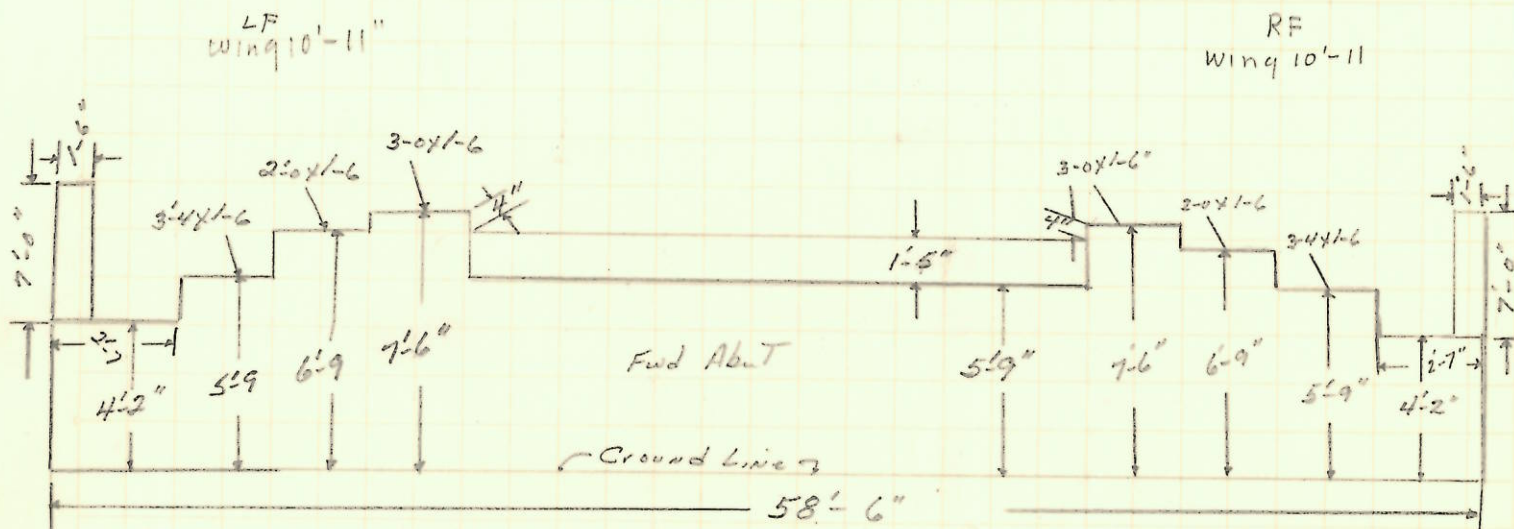
 CODED BY C.W.R. DATE 8-13-73 REVIEWED BY _____ DATE _____

CARD NO.		(1) ODOT DISTRICT		(2) CITY OR TOWN		(3) INVENTORY ROUTE		(4) FEATURE(S) INTERSECTED		(5) INV. RTE. BRIDGE NO.		(6) SECTION I.D. NUMBER		(7) INVENTORY ROUTE (TENS)		(8) A.D.T. YEAR		(9) FED. AID SYSTEM		(10) ADMIN. JURISD.		(11) FUNCTIONAL CLASS	
1070.00013		161718		41		1		MCNEAL DITCH		MI. A01.3.2		00.00.00.105700.51.0.4		16875		78							
SECTION NUMBER		MILEPOINT BEGIN SECTION		SECTION LENGTH		TOT. MIN. HORIZONTAL CLEAR.		PRACTICAL MAXIMUM VERTICAL CLEAR.		ON/UNDER SYSTEM		ROUTE NUMBER		DIRECT. BUFLIX DESIGNATION		PREF. ROUTE							
15		18		22		25		28		30		32		36		37		38		43		44	
2		15		18		22		25		28		30		32		36		37		38		43	
(13) DEFENSE		(14) DEFENSE		(15) DEFENSE		(16) DEFENSE		(17) DEFENSE		(18) DEFENSE		(19) DEFENSE		(20) DEFENSE		(21) DEFENSE		(22) DEFENSE		(23) DEFENSE		(24) DEFENSE	
20		21		22		23		24		25		26		27		28		29		30		31	
INTERSECTED ROUTE A.D.T. YEAR		FED. AID SYSTEM		ADMIN. JURISD.		FUNCTIONAL CLASS		SECTION NUMBER		MILEPOINT BEGIN SECTION		SECTION LENGTH		TOT. MIN. HORIZONTAL CLEAR.		PRACTICAL MAXIMUM VERTICAL CLEAR.		ON/UNDER SYSTEM		ROUTE NUMBER		DIRECT. BUFLIX DESIGNATION	
16		18		20		22		24		26		28		30		32		34		36		38	
3		16		18		20		22		24		26		28		30		32		34		36	
(38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100) (101) (102) (103) (104) (105) (106) (107) (108) (109) (110) (111) (112) (113) (114) (115) (116) (117) (118) (119) (120) (121) (122) (123) (124) (125) (126) (127) (128) (129) (130) (131) (132) (133) (134) (135) (136) (137) (138) (139) (140) (141) (142) (143) (144) (145) (146) (147) (148) (149) (150) (151) (152) (153) (154) (155) (156) (157) (158) (159) (160) (161) (162) (163) (164) (165) (166) (167) (168) (169) (170) (171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181) (182) (183) (184) (185) (186) (187) (188) (189) (190) (191) (192) (193) (194) (195) (196) (197) (198) (199) (200) (201) (202) (203) (204) (205) (206) (207) (208) (209) (210) (211) (212) (213) (214) 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COMPUTATION SHEET

STATE OF OHIO - DEPARTMENT OF HIGHWAYS - BUREAU OF LOCATION AND DESIGN

COLUMBUS, OHIO

BY Les Boyle & Mike MarkerDATE 7-22-74NO. OF SHEETSCOUNTY MINSECTION DIV. NO. 07S.R. 41U.S.R. I. R. SUBJECT OF THIS SHEET Min - Br - 41 - 0132

No New Card Needed