


MICHIGAN DEPARTMENT OF TRANSPORTATION

STR 7280

STRUCTURE INVENTORY AND APPRAISAL

Facility	Latitude / Longitude	MDOT Structure ID	Structure Condition	
OSTRANDER RD	42.019 / -83.6673	58200081000B020	Fair Condition(6)	
Feature	Length / Width	Owner		
MACON DRAIN	49.9 / 31.82	County: Monroe(58)		
Location	Built / Recon. / Paint / Ovly.	TSC	Operational Status	
.35 MI E OF ANN ARBOR RD	1950 / / 1970 / 1983	Brighton(6B)	A Open, no restriction(A)	
Region / County	Material / Design	Last NBI Inspection	Scour Evaluation	
University(6) / Monroe(58)	3 Steel / 02 Stringer/Girder	12/16/2014 / NPWO	8 Stable Above Footing	

Bridge History, Type, Materials	
27 - Year Built	1950
106 - Year Reconstructed	
202 - Year Painted	1970
203 - Year Overlay	1983
43 - Main Span Bridge Type	3 32
44 - Appr Span Bridge Type	
77 - Steel Type	1
78 - Paint Type	1
79 - Rail Type	4
80 - Post Type	9
107 - Deck Type	1
108A - Wearing Surface	6
108B - Membrane	0
108C - Deck Protection	0

Structure Dimensions	
34 - Skew	0
35 - Struct Flared	0
45 - Num Main Spans	1
46 - Num Apprs Spans	0
48 - Max Span Length	47.9
49 - Structure Length	49.9
50A - Width Left Curb/SW	1.31
50B - Width Right Curb/SW	3.94
33 - Median	0
51 - Width Curb to Curb	23.95
52 - Width Out to Out	31.82
112 - NBIS Length	Y

Inspection Data	
90 - Inspection Date	12/16/2014
91 - Inspection Freq	24
92A - Frac Crit Req/Freq	N
93A - Frac Crit Insp Date	
92B - Und Water Req/Freq	N
93B - Und Water Insp Date	
92C - Oth Spec Insp Req/Freq	N
93C - Oth Spec Insp Date	
92D - Fatigue Req/Freq	N
93D - Fatigue Insp Date	
176A - Und Water Insp Method	1
58 - Deck Rating	6
58A/B - Deck Surface/Bottom	4 6
59 - Superstructure Rating	6
59A - Paint Rating	2
60 - Substructure Rating	6
61 - Channel Rating	6
62 - Culvert Rating	N

Navigation Data	
38 - Navigation Control	0
39 - Vertical Clearance	0
40 - Horizontal Clearance	0
111 - Pier Protection	
116 - Lift Brgd Vert Clear	

Route Carried By Structure(ON Record)	
5A - Record Type	1
5B - Route Signing	4
5C - Level of Service	0
5D - Route Number	05878
5E - Direction Suffix	0
10L - Best 3m Unclr-Lt	0 0
10R - Best 3m Unclr-Rt	99 99
PR Number	
Control Section	
11 - Mile Point	
12 - Base Highway Network	0
13 - LRS Route-Subroute	0000012349 04
19 - Detour Length	4
20 - Toll Facility	3
26 - Functional Class	07
28A - Lanes On	2
29 - ADT	1400
30 - Year of ADT	2010
32 - Appr Roadway Width	23.95
32A/B - Ap Pvt Type/Width	6 24.02
42A - Service Type On	1
47L - Left Horizontal Clear	0.0
47R - Right Horizontal Clear	24.0
53 - Min Vert Clr Ov Deck	99 99
100 - STRAHNET	0
102 - Traffic Direct	2
109 - Truck %	4
110 - Truck Network	0
114 - Future ADT	1900
115 - Year Future ADT	2030
Freeway	0

Structure Appraisal	
36A - Bridge Railing	0
36B - Rail Transition	0
36C - Approach Rail	0
36D - Rail Termination	0
67 - Structure Evaluation	6
68 - Deck Geometry	4
69 - Underclearance	N
71 - Waterway Adequacy	6
72 - Approach Alignment	8
103 - Temporary Structure	
113 - Scour Criticality	8

Miscellaneous	
37 - Historical Significance	5
98A - Border Bridge State	
98B - Border Bridge %	
101 - Parallel Structure	N
EPA ID	
Stay in Place Forms	
143 - Pin & Hanger Code	
148 - No. of Pin & Hangers	

Route Under Structure (UNDER Record)	
5A - Record Type	
5B - Route Signing	
5C - Level of Service	
5D - Route Number	
5E - Direction Suffix	
10L - Best 3m Unclr-Lt	
10R - Best 3m Unclr-Rt	
PR Number	
Control Section	
11 - Mile Point	
12 - Base Highway Network	
13 - LRS Route-Subroute	
19 - Detour Length	
20 - Toll Facility	
26 - Functional Class	
28B - Lanes Under	
29 - ADT	
30 - Year of ADT	
42B - Service Type Under	5
47L - Left Horizontal Clear	
47R - Right Horizontal Clear	
54A - Left Feature	
54B - Left Underclearance	99 99
54C - Right Feature	
54D - Right Clearance	99 99
Under Clearance Year	
55A - Reference Feature	N
55B - Right Horiz Clearance	327.8
56 - Left Horiz Clearance	0
100 - STRAHNET	
102 - Traffic Direct	
109 - Truck %	
110 - Truck Network	
114 - Future ADT	
115 - Year Future ADT	
Freeway	

Proposed Improvements	
75 - Type of Work	
76 - Length of Improvement	
94 - Bridge Cost	
95 - Roadway Cost	
96 - Total Cost	
97 - Year of Cost Estimate	

Load Rating and Posting	
31 - Design Load	2
41 - Open, Posted, Closed	A
63 - Fed Oper Rtg Method	6
64F - Fed Oper Rtg Load	1.67
64MA - Mich Oper Rtg Method	6
64MB - Mich Oper Rtg	1.08
64MC - Mich Oper Truck	17
65 - Inv Rtg Method	6
66 - Inventory Load	.69
70 - Posting	5
141 - Posted Loading	
193 - Overload Class	D N