

Structure No:	530400870WDCW10
Bridge No:	184
Location:	MOSLEY AT 20TH ST NORTH
Inspected By:	Troy Clark
Date Inspected:	20-Dec-19
Facility Carried:	MOSLEY

2019 Routine Bridge Inspections



<u>Overall Structure Condition & Rating</u>	
Sufficiency Rating =	85.3%
Structurally Deficient =	No
Posted for Load =	No
NHS Routing =	No
Structure Material =	Concrete Cont.
Structure Design Type =	Tee Beam
KDOT 4 Letter Br. Type =	Reinf. Conc. Deck T-Gdr., Cont.
Year Built =	1964
Year Rehabilitated =	N/A
Average Daily Traffic =	4,000
Structure Length =	54.0 Ft.
Structural Evaluation =	5
Federal Funding =	Not Currently Eligible



<u>Maintenance Recommendations</u>	
CONCRETE PATCHING TOP OF DECK, BRIDGE RAIL REPAIR	

Deck :
 DECK TOP HAS CRACKS THAT HAVE BEEN FILLED AND NUMEROUS PREVIOUS REPAIRS, SOME SPALLING OUT. EAST SIDEWALK HAS AN AREA OF PREVIOUS REPAIR, REPAIR HOLDING. SOUTHEAST CORNER OF HANDRAILING IS SPALLED WITH EXP REBAR, SEE PHOTO. BOTTOM OF DECK HAS SPALLS WITH EXP REBAR AT NORTH ABUT AND AN AREA OF REPAIR AT SOUTH ABUTMENT. 1 ISOLATED SPALL AT MIDPOINT, WEST END SPALL WITH EXP REBAR, APPROX 3 INCHES DEEP. THERE IS A LARGE UTILITY ATTACHMENT HANGING UNDER

Superstructure :
 ALL BEAMS HAVE VARIOUS STAGES OF SPALLING AT ABUTMENT BEARINGS, NO EXP REBAR OBSERVED. ALL BEAMS HAVE VERTICAL OR DIAG CRACKS WITHIN 4 FT OF ABUTMENT FACES. BEAMS OVER PIER LOOK GOOD WITH FEW ISOLATED VERTICAL CRACKS. STEEL BEARINGS HAVE SURFACE RUST WITH SOME AREAS FLAKING.

<u>Sufficiency Rating Summary</u>	
N/A	

Substructure :
 ABUTMENTS HAVE MINOR SCALING, AND VERTICAL CRACKS. PIER CAP HAS NO VISIBLE DEFECTS. COLUMNS LOOK GOOD WITH ISOLATED HL CRACKS ONLY.

Inventory / Operating Rating **43.0 Tons** **72.0 Tons**

VEHICLE POSTING (R12-1 Single Vehicle)		VEHICLE POSTING (R12-5 Three Vehicle)	
<input type="checkbox"/> Tons - Single Vehicle	<input type="checkbox"/>	<input type="checkbox"/> Tons - 2 Axle	<input type="checkbox"/>
		<input type="checkbox"/> Tons - 3 Axle	<input type="checkbox"/>
		<input type="checkbox"/> Tons - 4 Axle	<input type="checkbox"/>

Channel :
 CHANNEL IS STEEP, GRASS LINED. HEAVY TRASH UNDER NORTH SPAN.

Condition Rating Color Code Key					
SI&A Rating:	(100 to 80)	(80 to 60)	(60 to 40)	(40 to 1)	(0)
City Rating:	= Good	= Fair	= Poor	= Replace	= Closed