
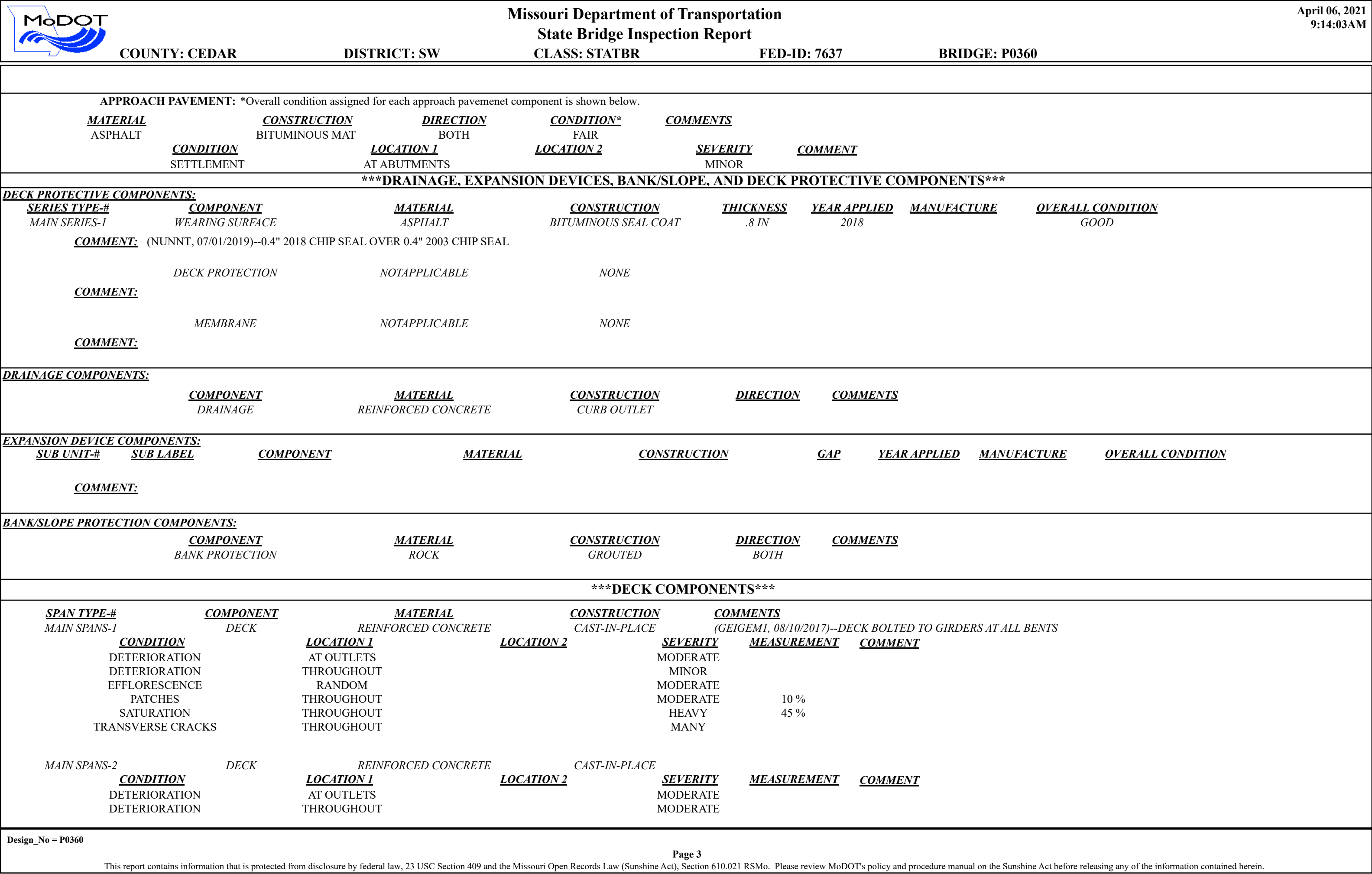
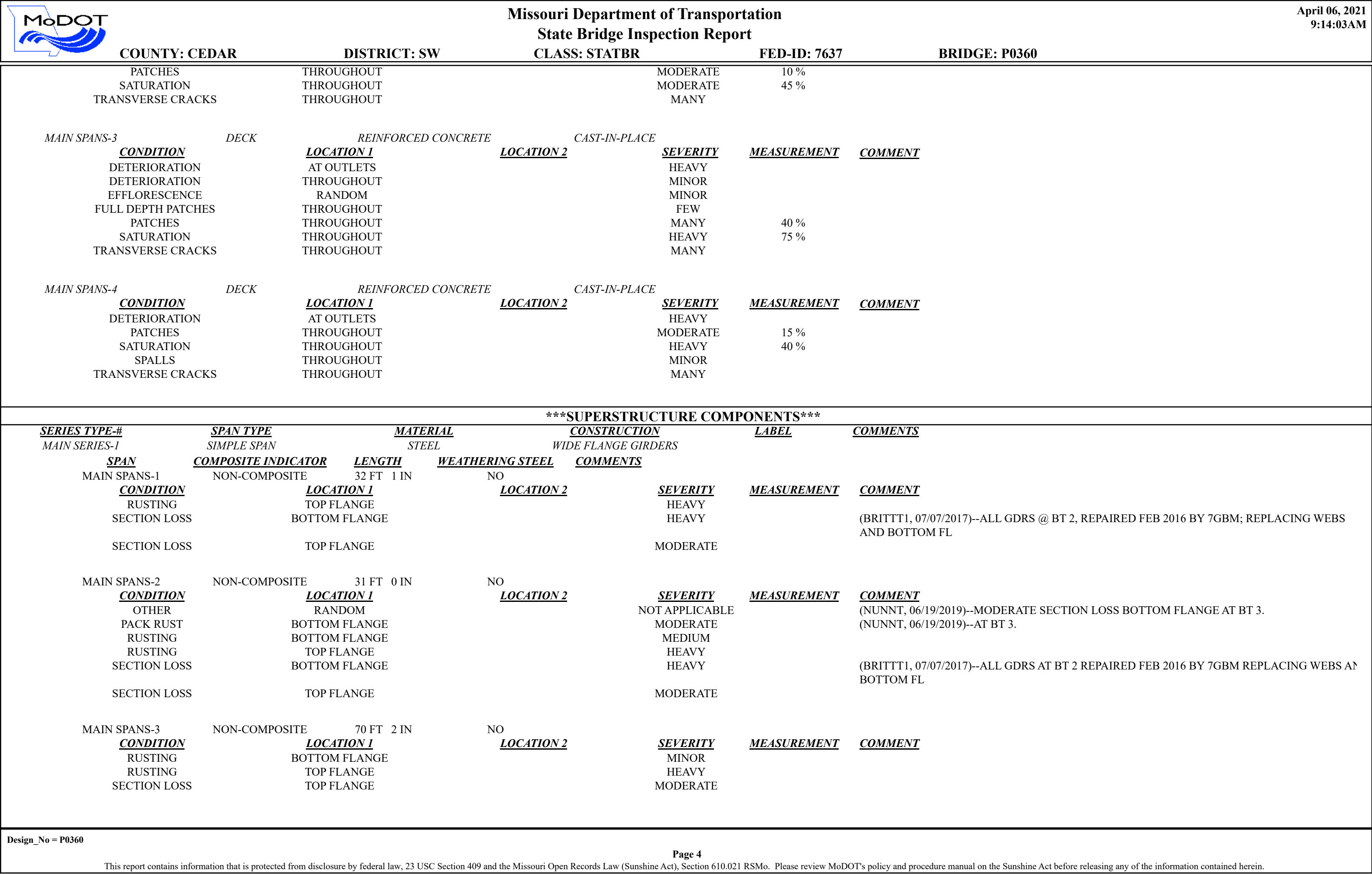
		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>April 06, 2021</div> <div>9:14:03AM</div>			
COUNTY: CEDAR		DISTRICT: SW		CLASS: STATBR		FED-ID: 7637		BRIDGE: P0360	
GENERAL STRUCTURE INFORMATION							***BRIDGE INSPECTION INFORMATION***		
<div>ROUTE: RTME</div> <div>FEATURE: BEAR CR</div> <div>STATUS: P-POSTLOAD</div> <div>LOG MILE: 0.996</div> <div>DETOUR: 26.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1953</div> <div>REHAB:</div> <div>LOCATION: S 12 T 34 R 26 W</div> <div>LATITUDE: 37 41 57.17 (DMS)</div> <div>LONGITUDE: 93 43 58.14 (DMS)</div>		<div># SPANS: 4</div> <div>LANES ON: 1</div> <div>LANES UNDER: 0</div> <div>COMPASS DIRECTION: WEST to EAST</div> <div>DIRECTION OF TRAFFIC: 1-LN/2-WAY</div> <div>FUNCTIONAL CLASS: RL-MAJOR COLLECTOR</div> <div>NBI OWNER: MODOT</div> <div>NBI MAINTAINED: MODOT</div> <div>MAINTENANCE DISTRICT: SW</div> <div>MAINTENANCE COUNTY: CEDAR</div> <div>SUB AREA: 7G52</div>		<div>PLACE CODE: 36728 JEFFERSON</div> <div>LENGTH: 165 FT 0 IN</div> <div>MAXIMUM SPAN: 70 FT 2 IN</div> <div>APPROACH ROADWAY: 18 FT 0 IN</div> <div>CURB TO CURB: 14 FT 0 IN</div> <div>OUT TO OUT: 16 FT 3 IN</div> <div>AADT: 676</div> <div>AADT YEAR: 2020</div> <div>AADT TRUCK: 9.1%</div> <div>FUTURE AADT: 980</div> <div>FUTURE AADT YEAR: 2040</div>		<div>DATE: 06/10/2019</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 24</div> <div>CALCULATED INTERVAL**: 24</div> <div>TEAM LEADER: MATTHEW GEIGER</div> <div>ELEMENT: NO</div> <div>INSPECTOR 2:</div> <div>INSPECTOR 4:</div> <div>INSPECTOR 3:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>			
						<div>GENERAL INSPECTION COMMENTS</div>			
FRACTURE CRITICAL INSPECTION INFORMATION					***INDEPTH INSPECTION INFORMATION***				
<div>DATE:</div> <div>FREQUENCY:</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2:</div> <div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY:</div> <div>NBI:</div> <div>METHOD:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>DATE:</div> <div>FREQUENCY:</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2:</div> <div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY:</div> <div>NBI:</div> <div>METHOD:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>				
<div>FRACTURE CRITICAL INSPECTION COMMENTS</div>					<div>INDEPTH INSPECTION COMMENTS</div>				
SPECIAL INSPECTION INFORMATION					***UNDERWATER INSPECTION INFORMATION***				
<div>DATE: 04/14/2015</div> <div>FREQUENCY: 999</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2: JESSE ELSEMAN</div> <div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3: DAVE MUSSER</div> <div>INSPECTOR 4:</div> <div>CATEGORY: QUALITY ASSURANCE</div> <div>NBI: NO</div> <div>METHOD:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>DATE: 06/10/2019</div> <div>FREQUENCY: 60</div> <div>TEAM LEADER: MATTHEW GEIGER</div> <div>INSPECTOR 2:</div> <div>RESPONSIBILITY: DISTRICT</div> <div>CALCULATED INTERVAL**: 24</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY: DRY</div> <div>NBI: NO</div> <div>METHOD: VISUAL</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>				
<div>SPECIAL INSPECTION COMMENTS</div>					<div>UNDERWATER INSPECTION COMMENTS</div>				
<div>(ELSEMJ, 04/20/2015)--USING THE FIELD VERIFICATION MODEL (FVM) - AS A THRID PARTY INSPECTOR, I TOOK THE PREVIOUS INSP REPORT INTO THE FIELD AND VERIFIED THOUROUGHNESS OF REPORT WITH ASSIGNED CONDITION AND APPRAISAL RATINGS</div>									
OTHER SPECIAL INSPECTIONS					OTHER UNDERWATER INSPECTIONS				
<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div> <div>02/11/2013</div> <div>120</div> <div>CHANNEL CROSS SECTIONS</div> <div>NO</div> <div>DISTRICT</div> <div>EMD</div>					<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div>				
<div>Design_No = P0360</div>									
<div>Page 1</div> <div>This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.</div>									

		Missouri Department of Transportation		April 06, 2021	
		State Bridge Inspection Report		9:14:03AM	
COUNTY: CEDAR		DISTRICT: SW		CLASS: STATBR	
		FED-ID: 7637		BRIDGE: P0360	
STRUCTURE POSTING					
APPROVED CATEGORY: S-17		CL OF BR AND TRK OVR 14 T 15MPH ON BR EXCPT SNGL E UNT TRKS WT LMT 19 T OTHR TRKS WT LMT 28 T.			
Ton 1: 14		Ton 2: 19		Ton 3: 28	
COMMENTS:					
FIELD CATEGORY: S-17		CL OF BR AND TRK OVR 14 T 15MPH ON BR EXCPT SNGL E UNT TRKS WT LMT 19 T OTHR TRKS			
Ton 1: 14		Ton 2: 19		Ton 3: 28	
COMMENTS:		PROBLEM:		PROBLEM DIRECTION:	
GENERAL COMMENTS/MAJOR RATED ITEMS					
GENERAL COMMENTS: (BOWDEJ1, 01/02/2008)--(32'-31'-70'-32') NON-COMP WF GDR SPANS					
[ITEM 58] DECK: 3-SERIOUS CONDITION		COMMENTS: (NUNNT, 06/18/2019)--45% - 75% SATURATION EACH SPAN.			
RATING : 07/07/2017					
[ITEM 59] SUPER: 5-FAIR CONDITION		COMMENTS: (BRITTT1, 07/07/2017)--60% SL IN BTM FLANGES OF ALL GDRS @ BT 2; REPAIRED IN 2016. MINOR - MODERATE FLANGE SECTION LOSS AT OTHER BTS			
RATING : 06/22/2015					
[ITEM 60] SUB: 6-SATISFACTORY CONDITION		COMMENTS: (WEHMES, 11/21/2013)--SPALLS, DELAMS			
RATING : 06/22/2015					
[ITEM 61] BANK/CHANNEL: 6-WIDESPREAD MINOR DAMAGE		COMMENTS: (BRITTT1, 07/07/2017)--MODERATE SLOPE EROSION			
RATING : 01/22/2003					
[ITEM 113] SCOUR: 8-STABLE FOR CALCULATED		COMMENTS: (NUNNT, 06/18/2019)--NO SCOUR			
RATING : 05/18/2001					
EVALUATION TYPE :					
[ITEM 71] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV		COMMENTS:			
RATING : 05/18/2001					
[ITEM 72] APPRRDWY ALIGNMENT: 5 - FAIR		COMMENTS: (BRITTT1, 07/07/2017)--SPEED REDUCTION DUE TO 14' WIDE @ BRIDGE			
RATING : 07/07/2017					
RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS					
[ITEM 36A] BRIDGE RAILING RATING: DOESNT MEET CURRNT STND-0		RATING : 01/07/2010		COMMENTS:	
<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>		
STEEL	ANGLE-DOUBLE	BOTH	(BRITTT1, 06/22/2015)--COLLISION DAMAGE NORTHWEST MINOR		
REINFORCED CONCRETE	CURB	BOTH			
[ITEM 36B] TRANSITION RAILING RATING: NOT PROVIDED-0		RATING : 05/18/2001		COMMENTS:	
[ITEM 36C] APPROACH RAILING RATING: DOESNT MEET CURRNT STND-0		RATING : 12/19/2011		COMMENTS:	
<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>		
GALVANIZED STEEL	W-BEAM	ALL	(BRITTT1, 07/07/2017)--POST SPACING TOO WIDE		
[ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0		RATING : 05/18/2001		COMMENTS:	
Design_No = P0360					
Page 2					
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COUNTY: CEDAR


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BRIDGE: P0360

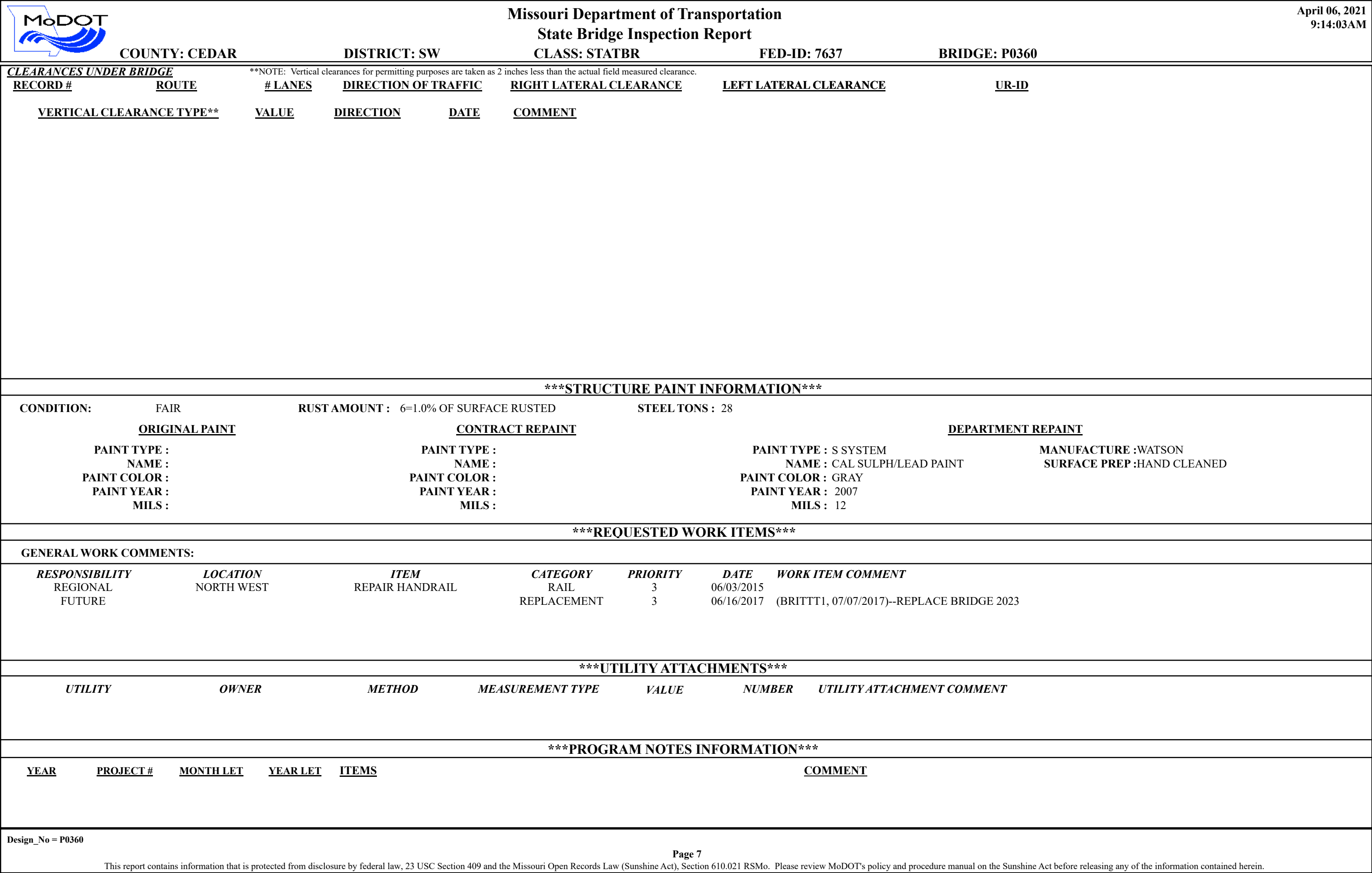
MAIN SPANS-4	NON-COMPOSITE	32 FT 1 IN	NO				
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
RUSTING		BOTTOM FLANGE		MODERATE			
RUSTING		TOP FLANGE		HEAVY			
SECTION LOSS		BOTTOM FLANGE		MINOR			
SECTION LOSS		TOP FLANGE		MODERATE			
SUBSTRUCTURE COMPONENTS							
<u>SUBSTRUCTURE</u>	<u>SKEW</u>	<u>LENGTH</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>	
ABUTMENT-1		16 FT 4 IN	REINFORCED CONCRETE	OPEN CONCRETE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>			<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	DELAMINATION		RANDOM		MINOR		
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING			REINFORCED CONCRETE	SPREAD			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
STRAIGHT WINGS			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING			STEEL	SLIDING FLAT PLATE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-2		15 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>			<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	DELAMINATION		BOTTOM		MINOR		
	SPALLS		ENDS		MINOR		
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	SPALLS		THROUGHOUT		SMALL		
FOOTING			REINFORCED CONCRETE	SPREAD			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING			STEEL	SLIDING FLAT PLATE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING			STEEL	FLAT PLATE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-3		15 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>			<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	DELAMINATION		BOTTOM		MODERATE		


		Missouri Department of Transportation					April 06, 2021		
		State Bridge Inspection Report					9:14:03AM		
COUNTY: CEDAR		DISTRICT: SW		CLASS: STATBR		FED-ID: 7637		BRIDGE: P0360	
COLUMN		REINFORCED CONCRETE		CAST-IN-PLACE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
	SCALING		WATERLINE			MEDIUM			
	SPALLS		RANDOM			MINOR			
	VERTICAL CRACKS		RANDOM			MEDIUM			
FOOTING		REINFORCED CONCRETE		SPREAD					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
TIE BEAM		REINFORCED CONCRETE		CAST-IN-PLACE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
EXPANSION BEARING		STEEL		SLIDING FLAT PLATE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
FIXED BEARING		STEEL		FLAT PLATE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
BENT-4		15 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
	ASSOCIATED COMPONENT		MATERIAL		CONSTRUCTION				
BEAM CAP		REINFORCED CONCRETE		CAST-IN-PLACE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
	DELAMINATION		BOTTOM			MODERATE			
	SPALLS		FRONT FACE			SMALL		(BRITTT1, 07/07/2017)--HIGH STEEL SPALLS	
	VERTICAL CRACKS		ENDS			FINE			
COLUMN		REINFORCED CONCRETE		CAST-IN-PLACE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
FOOTING		REINFORCED CONCRETE		SPREAD					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
FIXED BEARING		STEEL		FLAT PLATE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
ABUTMENT-5		16 FT 4 IN	REINFORCED CONCRETE	NON-INTEGRAL					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
	ASSOCIATED COMPONENT		MATERIAL		CONSTRUCTION				
BEAM CAP		REINFORCED CONCRETE		CAST-IN-PLACE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
	SCALING		TOP			LIGHT			
FOOTING		REINFORCED CONCRETE		SPREAD					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
STRAIGHT WINGS		REINFORCED CONCRETE		CAST-IN-PLACE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
EXPANSION BEARING		STEEL		SLIDING FLAT PLATE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
BACKWALL		REINFORCED CONCRETE		CAST-IN-PLACE					
	CONDITION		LOCATION 1		LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
	SPALLS		RANDOM			MINOR			
OVER/UNDER ROUTES CLEARANCE INFORMATION									
CLEARANCES OVER DECK		**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.							
VERTICAL CLEARANCE TYPE**		VALUE	DIRECTION	DATE	COMMENT				

Design_No = P0360

Page 6

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COUNTY: CEDAR			DISTRICT: SW		CLASS: STATBR	
			FED-ID: 7637		BRIDGE: P0360	
COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS					***ADVANCED SIGN INFORMATION***	
NOTE: The items listed in this section are updated whenever computer edits are ran on a structure after the inspection updates have been entered in to TMS.					SIGN #	
<u>Rated Item</u>					<u>Rating</u>	
<u>Rating Date</u>					SIGN TYPE	
[Item 67] Structure Evaluation Rating: 4-MEETS MINIMUM TOLERABLE 4/1/2019					DELINEATOR	
[Item 68] Deck Geometry Rating: 2-BASICALLY INTOLRBLE REQ 3/22/2002					YIELD TO ONCOMING TRAFFIC	
[Item 69] Underclearance: N-NOT APPLICABLE 5/18/2001					A - NARROW BRIDGE	
Sufficiency Rating: 30.7% 6/4/2020					C - IDHW	
Deficiency: STRUCTURAL 4/2/2003						
Funding Eligibility: FULL ----						
Estimated New Structure Length: 197 FT. ----						
Estimated Structure Cost: \$685,441 ----						
Estimated Total Project Cost: \$1,028,162 ----						
Year of Cost Estimate: 2021 ----						
NOTE: The above structure length and cost estimates are computer generated using algorithms in the TMS system. These algorithms are generalized to use NBI items to come up with a new structure length and width to calculate a new area which is taken times a representative cost per square foot. The actual structure size and cost may vary significantly from these numbers once site specific engineering is done.						
					OUTFALL INSPECTION INFORMATION	
					# OUTFALLS:	
					INSPECTOR:	
					STATUS:	
					DATE:	
					NOTES:	