Bridge Inspection Records Information System

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State of California
Department of Transportation

Division of Maintenance Structures Maintenance & Investigations



DEPARTMENT OF TRANSPORTATION

Structure Maintenance & Investigations

Bridge Number : 55C0154 Facility Carried: EDINGER AVE

Location : 0.3 MI E HARBOR BLVD

City

05-JUN-01 Inspection Date :

Inspection Type

Routine Group A Underwater Special Other X

Bridge Inspection Report

Name : SANTA ANA RIVER CHANNEL

CONSTRUCTION INFORMATION

Skew (degrees): 16 Year Built : 1959 No. of Joints: 0 Year Widened : N/A No. of Hinges: 2 : 91.4 Length (m)

Description of Structure : Continuous seven span CIP/RC T-beam (6 each) with RC pier walls and RC open

end diaphragm abutments, all supported upon concrete piles.

Span Configuration : (W) 10.4 m, 5 @ 14.0 m, 10.4 m (E) c/c

LOAD CAPACITY AND RATINGS

Design Live Load : MS - 18 OR HS - 20

Calculation Method : LOAD FACTOR Inventory Rating : 49.9 metric tons Calculation Method : LOAD FACTOR metric tons Operating Rating: 84.3

Permit Rating : PPPPP

Type 3S2 N/A english tons Type 3-3 N/A english tons : Type 3 N/A english tons Posting Load

DESCRIPTION ON STRUCTURE

Bridge width : (S) 0.1 m br, 4 @ 3.9 m, 0.1 m br (N)

No. of Lanes: 4 Net Width: 15.50 m Total Width: 15.8 Rail Code : 0000

Rail Description : MBGR

Unimpaired Min. Vertical Clearance :

DESCRIPTION UNDER STRUCTURE

Channel Description : RC trapezoidal.

CONDITION OF STRUCTURE

The structure is in good condition.

MISCELLANEOUS

Vehicular access into the channel is from the southwest quadrant.

	LEVEL INSPECTION RATINGS	Env	Total Units		Qty in eac	h Conditi	on State	
"# Ele: No	mElement Description		Quantity	St. 1	St. 2	St. 3	St. 4	st.
1 12	Concrete Deck - Bare	2	1420 sq.m.	1420	0	0	0	
_	Reinforced Conc Open Girder/Beam	2	546 m.	546	0	0	0	
	Reinforced Conc Pier Wall	2	120 m.	120	0	0	0	
	Reinforced Conc Abutment	2	34 m.	34	0	0	0	
1 304		2	34 m.	34	0	0		
	Enclosed/Concealed Bearing	2	2 ea.	2	0	0	0	
	Metal Railing (W6X25 Posts)	2	188 m.	188	0	0	0	

WORK RECOMMENDATIONS - NONE

Page 2 of 3

SMS12001 AAAB

Bridge No.: 55C0154

Location: 0.3 MI E HARBOR BLVD

Inspection Date: 05-JUN-01

Inspected By : M. Ogata

Register

el Civil Engineer

CC : TMRut

Orange County

Printed on : 08-JUN-2001 10:26:01 AM

Inspection Date: 05-JUN-01

STRUCTURE INVENTORY AND APPRAISAL REPORT

	STRUCTURE INVE	NTORY AND	APPRAISAL	REPORT
	**************************************	****** 069	. *	**************************************
	STATE NAME - CALIFORNIA	00154		STATUS =
	SIRUCIORE NUMBER			HEALTH INDEX = 100
	THAFMICKI KOOLF (ON) ONDER!	12		**************************************
	HIGHWAY AGENCY DISTRICT	00000		NBIS BRIDGE LENGTH - YES Y
	COUNTY CODE 059		•	HIGHWAY SYSTEM - NOT ON NHS 0
	FEATURE INTERSECTED - SANTA ANA RIVER CHANNEL		•	FUNCTIONAL CLASS - MINOR ARTERIAL URBAN 16
	FACILITY CARRIED - EDINGER AVE		•	DEFENSE HIGHWAY - NOT STRAHNET 0
	LOCATION - 0.3 MI E HARBOR BLVD	0		PARALLEL STRUCTURE - NONE EXISTS N
	MILEPOINT/KILOMETERPOINT BASE HIGHWAY NETWORK - NOT ON NET	0		DIRECTION OF TRAFFIC - 2 WAY 2
	DADE III CIIII III III III III III III III	-		TEMPORARY STRUCTURE -
	LRS INVENTORY ROUTE & SUBROUTE 1 ATTITUDE 33 DEG 43 MIN 4	0 SEC		FEDERAL LANDS HIGHWAY - NOT APPLICABLE 0
	LATITODS			DESIGNATED NATIONAL NETWORK - NOT ON NET 0
	LONGITUDE	*		TOLL - ON FREE ROAD 3
	BORDER BRIDGE STATE CODE			MAINTAIN - COUNTY HIGHWAY AGENCY 2
(99)	BORDER BRIDGE STRUCTURE NUMBER			OWNER - COUNTY HIGHWAY AGENCY 2
	************ STRUCTURE TYPE AND MATERIAL ****	******	(37)	HISTORICAL SIGNIFICANCE - NOT ELIGIBLE 5
(43)	STRUCTURE TYPE MAIN: MATERIAL - CONCRETE CONT			************ CONDITION ************************************
,	TYPE - TEE BEAM CODE	2 04		7
(44)	STRUCTURE TYPE APPR: MATERIAL -			DECK 7
(-2.2)	TYPE - CODE			SUPERSTRUCTURE 7
(45)	NUMBER OF SPANS IN MAIN UNIT	7		SUBSTRUCTURE
(46)	NUMBER OF APPROACH SPANS	0		CHANNEL & CHANNEL PROTECTION 8
		CODE 1	(62)	CULVERTS
	WEARING SURFACE / PROTECTIVE SYSTEM:			******* LOAD RATING AND POSTING ******** CODE
		CODE 1	/21\	DESIGN LOAD - MS - 18 OR HS - 20 5
		CODE 0	•	OPERATING RATING METHOD - LOAD FACTOR 1
		CODE 0	•	OPERATING RATING - 84.3
				INVENTORY RATING METHOD - LOAD FACTOR 1
	**************** AGE AND SERVICE ********			40.0
(27)	YEAR BUILT	1959		INVENTORY RATING - BRIDGE POSTING - Equal to or above legal loads 5
-	YEAR RECONSTRUCTED	0000		•
(42)	TYPE OF SERVICE: ON - HIGHWAY	1	(41)	STRUCTURE OPEN, POSTED OR CLOSED - DESCRIPTION - OPEN, NO RESTRICTION
	UNDER - WATERWAY	5		DESCRIPTION - OLDA, NO NOTICE -
(28) LANES: ON STRUCTURE 04 UNDER STRUCTUR	E 21000		********* CODE
(29	AVERAGE DAILY TRAFFIC	_	(67)	STRUCTURAL EVALUATION 7
	YEAR OF ADT 1999 (109) TRUCK ADT	1%	, ,	DECK GEOMETRY 4
(19) BYPASS, DETOUR LENGTH	3 KM		UNDERCLEARANCES, VERTICAL & HORIZONTAL N
	************** GEOMETRIC DATA *********	*****		WATER ADEQUACY 9
(48) LENGTH OF MAXIMUM SPAN	14 M	(72)	APPROACH ROADWAY ALIGNMENT 8
-) STRUCTURE LENGTH	91.4 M		TRAFFIC SAFETY FEATURES 0000
	CURB OR SIDEWALK: LEFT 0 M RIGHT	0 M		SCOUR CRITICAL BRIDGES 7
) BRIDGE ROADWAY WIDTH CURB TO CURB	15.5 M	,	************* PROPOSED IMPROVEMENTS ************
) DECK WIDTH OUT TO OUT	15.8 M		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	22.3 M	, · + ,	TYPE OF WORK - CODE
(33) BRIDGE MEDIAN - CLOSED (NO BARRIER)	2) LENGTH OF STRUCTURE IMPROVEMENT
) SKEW 16 DEG (35) STRUCTURE FLARED	МО) BRIDGE IMPROVEMENT COST
		99.99 M) ROADWAY IMPROVEMENT COST
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	15.6 M) TOTAL PROJECT COST
) MIN VERT CLEAR OVER BRIDGE RDWY	99.99 M) YEAR OF IMPROVEMENT COST ESTIMATE
) MIN VERT UNDERCLEAR REF - NOT H/RR	0 M	,) FUTURE ADT
† 55) MIN LAT UNDERCLEAR RT REF - NOT H/RR	0 M	(115) YEAR OF FUTORE ADI
(56	5) MIN LAT UNDERCLEAR LT	0 M		**************************************
	**************************************	****	(90) INSPECTION DATE 06/01 (91) FREQUENCY 24 MO
1.0	8) NAVIGATION CONTROL - NOT APPLICABLE	CODE N) CRITICAL FEATURE INSPECTION: (93) CFI DATE
	NAVIGATION CONTROL - NOT REPUISED L) PIER PROTECTION - NOT REQUIRED	CODE 1		A) FRACTURE CRIT DETAIL - NO -1 MO A)
	9) NAVIGATION VERTICAL CLEARANCE	0 M		B) UNDERWATER INSP - NO -1 MO B)
(3	5) VERT-LIFT BRIDGE NAV MIN VERT CLEAR	0 M	C	c) OTHER SPECIAL INSP - NO -1 MO C)
	0) NAVIGATION HORIZONTAL CLEARANCE	٥		
(4	U) AMAY # WAAR # WAY			

DIVISION OF STRUCTURES SUPPLEMENTARY	BRIDGE	REPORT	
DS-M19 (REV. 2/93)			

TYPE OF	INVESTIC	ATION/REPORT
BIENNIAL	<u>X</u>	DAMAGE
CATEGOR	RY A	OTHER
UNDERW	ATER	OFFICE

Bridge Number	55C-154

12 - Ora - FAU M032-CR Dist.-Co.-Rte.-City

Date of Investigation July 14, 1995

Name SANTA ANA RIVER CHANNEL (Edinger Avenue, 0.3 mile east of Harbor Boulevard)

CONDITION RATINGS:

Condition ratings of all bridge elements are shown on the PONTIS DATA FORM (Attachment A). Channel & Channel Protection (8)

SCOUR CRITICAL:

A scour rating of A-1 is appropriate.

CONDITION OF STRUCTURE:

Pourable joint seal has started to fail and debris has accumulated in the joint.

REVISION:

DESCRIPTION - HYDRAULICS.

Channel: RC bottom trapezoidal with RC side slopes.

WORK RECOMMENDED:

Remove and replace failed pourable seal.

ENCROACHMENT:

One 0.15 m welded steel pipe in north exterior bay.

M. Hadi Behrooj

GPB:cd

CDHarris cc:

Orange County

WLindsey

PONTIS DATA FORM - PIA

BRIDGE NUMBER	FRAME	INSPECTION DATE
	0 1	071495
5 5 C O 1 5 4		
1 8	9	11 16

INFORMATION ONLY - NOT FOR UPDATE
SCOUR CRITICAL NO CATEGORY A NO FRACTURE CRITICAL NO ELIGIBLE FOR RAIL UPGRADE NO UNDERWATER INSPECTION NO

DISTRICT	12
COUNTY	ORA
ROUTE	
POSTMILE	
NAME	<u> </u>

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07/18/95

Bridge	No.	55C-154

Name SANTA ANA RIVER CHANNEL (Edinger Location 12-Ora-FAS M032-CR Avenue, 0.3 mile east of Harbor Boulevard)

Dist.-Co.-Rte.-City

SUMMARY OF ENCROACHMENTS

Permit No. and Permittee	Date	Description & Location on Bridge
	Prior to 7-14-95	1 - 0.15 m welded steel pipe in north exterior bay.
		
1		

HBD M 30

Bridge Number	_55C-154	
-		

TYPE OF INV	ESTIGATION/REPORT
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BIENNIAL

X

DAMAGE

CATEGORY A

OTHER

UNDERWATER **OFFICE** 12 - Ora - FAU M032-CR Dist.-Co.-Rte.-City

Date of Investigation April 14, 1993

Name SANTA ANA RIVER CHANNEL (Edinger Avenue, 0.3 mile east of Harbor Boulevard)

CONDITION RATINGS:

Condition ratings of all bridge elements are shown on the PONTIS DATA FORM (Attachment A). Channel & Channel Protection

CONDITION OF STRUCTURE:

A minor dent, caused by traffic impact, in north steel bridge rail is noted near Pier 4 from east.

Condition of the structure is good.

Henry Ma

HM:cd

cc: INagai (2)

County of Orange

PONTIS DATA FORM - PIA

1			
55C0154	0 1	0414	9 3
1 8	9 .	11	16

INFORMATION ONLY - NOT FOR	UPDATE
SCOUR CRITICAL	NC
CATEGORY A	NO
FRACTURE CRITICAL	NO
ELIGIBLE FOR RAIL UPGRADE	NO
UNDERHATER INSPECTION	NO
·	

DISTRICT	12
COUNTY	ORA
ROUTE	KXX
POSTMILE	*****
NAME	

D E L	EL!		ELEMENT DESCRIPTION	E N Y	Tri QU			ГΥ	UNITS	CON		ΓIC		QUANT CONDITION STATE 2	QUANT CONDITION STATE 3	QUANT CONDITION STATE 4	QUANT CONDITION STATE 5
	1	0	CONCRETE OPEN GIRDER/STRINGER	2	1	8	0	0	LF	1	8	0	0				
	4	9	CONCRETE PIER WALL; DRY	2		1	L	7	EA	 	-		7				
	5	1	CONCRETE ABUTMENT; DRY	2		ـــــ	1,,,	2	EA		<u>. </u>		2	1 1 1		 	
-	9	1	POURABLE JOINT SEAL	2		4	0	8	LF		4	0	8		. 1	- 1 - 1 - 1 - 1 - 1	
	9	7	ENCLOSED/CONCEALED BEARING OR BEARING SEAT	2		ا		2	EA	 		_	×	1 1 1		1- 11111	1111
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18	10		<u> </u>	22	23				;	28		1		33	38	43	48

DESCRIPTION - HYDRAULICS

Navigable: Yes No X			Horiz.	
Pier/Abutment Protection (For	Navigation)]		
TRAFFIC INFORMATION	DECK	YEAR	UNDER	YEAR
Average Daily Traffic & Year :	21,000	1989	N	***********
verage Daily Traffic (Future) :	22,000 Est	2010		
verage Daily Trucks (% OF ADT)	: 1% Est		N	
ypass Detour Length	2 miles	***	N	
hell Route:	No	grade	No	
unctional Classification :	14		N	
OAD RATINGS: Inventory	HS 31	Operating	HS 52	****************
Permit	PPPPP	Computation 1	Method Load F	actor
ONDITION RATINGS:				
Deck 8 Su	perstructure 8		Substructure	
Channel & Channel Protection	7 Culver	rt N	Widenable	Yes
PPRAISAL RATINGS:	,			

CONDITION OF STRUCTURE:

There is light cracking in the concrete bridge deck.

Channel erosion has not changed significantly since the previous reports and 4'± of exposed concrete piles under all pier footings remain the same.

Condition of the structure is good.

WORK DONE:

West end span under the structure has been filled with embankment and sealed with grouted rock.

ENCROACHMENT:

6" welded steel pile in north exterior bay.

Henry Ma

HM:ms

cc: INagai (2)

ClibPDF - www.fastio.com County of Orange

Exp. 6-30-92

CIVIL

No. C-36817

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION SUPPLEMENTARY BRIDGE REPORT	Bridge No	55C - 154	
D6-1419 (REV. 1,#9)	Location	2- Ora - FAU MO3	City
		stigation 4-10-	
SANTA ANA RIVER (Edin Harbo	ger Avenue, or Boulevard	0.25 mile East	of
CONDITION RATING: Deck 7 Superstructure 8 Substr.&Pipes Channel & Channel Protection 8 Culvert 1		Widenable?	Yes
TYPE OF INVESTIGATION/REPORT BIENNIAL X DAMAGE CATEGORY A OTHER UNDERWATER OFFICE		·	
CONDITION OF STRUCTURE:			
Condition of the structure is goo	d.		
REVISION:			
Location: 12-Ora-FAU M032-CR			
WORK RECOMMENDED:			
None.			
RECOMMENDED POSTING:			
None.			

SUBSTRUCTURE CODING UPDATE:

2 RC open end diaphragm abutments on concrete piles.

6 RC pier walls on concrete piles.

Henry Ma

No. C-36817

HM:ms

INagai (2)
County of Orange (2)

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION SUPPLEMENTARY BRIDGE REPORT DH-OS M19 (REV. 1/74)			_	No			AU MØ32-				
					Date (of Inves	tigation .A)	eril	15,198	37	4.5
					er Ave.,		mile E	. of	Harbor	Blvd)	
CONDITIO	7		metura	8	_ Substr. & Pi	inae	8		,	L RATING: 7	
				8	_Retaining W		N		-		
Widenable		_			_			B -	PRIORITI Immediat Early Sc Routine For Reco	e Action heduling Maint.	

REVISION:

Average Daily Traffic - 19,000 (1985)

WORK DONE:

The previously recommended work to repair erosion behind the southwest wingwall has been done.

CONDITION OF STRUCTURE:

Exposed piling condition under pier footings previously reported remains the same.

Otherwise, overall condition of the structure is good.

RECOMMENDED POSTING:

None

WORK RECOMMENDED:

None

HM: pht

cc: INagai (2) Orange County (2) Henry Ma

Bridge No	55C-154
	7
	/-Ora-FAU M032-CR
	January 7 1986

•	Date of Investigation .	January	7, 1986	M 76 0 7 6 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Name SANTA ANA RIVER (Edinger A	venue, 0.25 m	ile east	of Harbor	Blvd
CONDITION RATING:		APP	RAISAL RATING:	:
Dock (7) Superstructure 8 Substr	. & Pipes8	Over	(7)	
Channel & Channel Protection 8 Retain	ing Waits N		· · · · · · · · · · · · · · · · · · ·	
Widenable? Yes X No Conditional County Action Required by Collination Yes X No C		A - Imme B - Ray! C - Roy!	ORITY diate Action y Scheduling kine Maint.	•
REVISION:		0 - For	Record Only	
Condition Rating - Deck 7 Appraisal Rating - Overall 7				•
ENCROACHMENT:				
6" steel pipe in north exterior	bay.	;		
WORK NOT DONE:				
The previously recommended work southwest wingwall has not been		osion bel	nind the	
CONDITION OF STRUCTURE:		•		
The channel has degraded and ex four pier footings within chann		(4' 5')	of all	
The overall condition of the str	ucture is goo	d.		•
RECOMMENDED POSTING:				
None		•		
WORK RECOMMENDED:			•	
1. Repair erosion behind the s	outhwest wing	wall.		
2. Regrade channel to cover al	l piles under	pier fo	otings.	

HM:pdh

cc:

INagai (2) Orange County (2)

Henry Ma C-36817

14411

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E	- 5

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTARY BRIDGE REPORT
DH-OS M19 (REV. 1/74)

Bridge No	55C-154
Location	7-Ora-FAU MO32-CR Dist-Co-Rie-PM-City (On deck)
Date of Investigation	onJune 8. 1983

Name	SANTA ANA RIVE	R (Edinge	er Avenue, O.	25 mile e	east of F	Harbor Blvd
CONDI	TION RATING:				APPRAISAI	L RATING:
Deck _	8 Superstructure	8	Substr. & Pipes	8	Overall	8
Channe	& Channel Protection	8	_Retaining Walls	N	_	
	ole? Yes 🗵 No 🗀 County Required by Dustriess			B - C -	PRIORITY - Immediate - Early Sol - Routine 1 - For Reco	e Action neduling Maint.

WORK DONE:

The previously recommended work to repair the erosion behind the southwest wingwall has not been done. Previously recommended item #2 has been done.

CONDITION OF STRUCTURE:

The overall condition of the structure is good.

RECOMMENDED POSTING:

None.

RECOMMENDATION:

Repair the erosion behind the southwest wingwall.

E. L. Neff C 28703

E.L. Neff

ELN:cd cc: DRHiggins (2) Orange County (2)

(1)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTARY BRIDGE REPORT
DH-OS N°9 (REV. 1/74)

Bridge No. 550	7-154
1	-Ora-FAU MO32-CR Dist-Co-Rto-PM-City (On deck)
Location	Dist-Ca-Rts-PM-City (On deck)
Note of Investigation	August 25, 1981

Name .	SANT	A ANA RIV	ER (Edi	nger Ave.,	0.25 mile	east of	Harbor	Blvd.)
COND	ITION RA	TING:				APPRAI	SAL RATIN	G:
Deck_	3	. Superstructure	8	Substr. & Pipes	8	Overail	8	
				Retaining Walls				
		⊠ No □		,				
Action	*aquired	County: by Cincint:	Yes 🔀	No 🗌				

WORK DONE:

The traviously recommended work has not been done, i.e., repair the trasion behind the southwest wingwall.

CONDITION OF STRUCTURE:

The tiles are exposed under the piers to a maximum of 4 feet.

The twerall condition of the structure is good.

RECOMMENDED POSTING:

None.

RECOMMENDATIONS:

- 1. Repair the erosion behind the southwest wingwall.
- 2. Regrade the river bottom to backfill the piles.

E. L. Neff C 28703

ELN:cd

cc: DRHiggins (2)
Orange County (2)

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

SUPPLEMENTARY BRIDGE REPORT

DH-OS M19 (REV. 1/74)

Bridge No	
-	07-0re-FAU-M032
Location	iet - Co - Rte - PM - City
Sala of Investigation	July 17, 1980

SANTA ANA RIVER	(Edinger Ave	25 ml. E	of Karbor Blvd.
	•		APPRAISAL RATING:
ITION RATING:	8	8	8
Superstructure	Substr. & Pipes _		Overall
	. 8	n	
el & Channel Protection	Retaining Walls		

Widenable? Yes Conditional

Action Required by District: Yes No

AVERAGE DATES TRAFFIC: 10,000 (Estimated 1980)

BYPASS DETOUR LANGUE: 4 miles

ENCROACHBURGE: 6" # pipe in the northerly exterior bay.

REVISIONS: *

RAIL - Metal Beam Guard Rail (0000) LAMES - 4 Tracks - Mone MENIAM - Mone VERTICAL GLEARANCE - Unimpaired APPROACH ROADWAY WIDTH - 83°

COMDITION - Approach Roadway Alignment -9
Estimated Remaining Life - 50

APPRAISAL - Deck Geometry -6 Safe Load Capacity - (9)* Approach Roadway Alignment -9

SEISHIC RETROFIT: It is recommended that this structure be considered for retrofitting with earthquake restrainers.

HISTORY: Due to the unusually heavy storm activity during the winter of 1979-80, the Santa Ana River has degraded for several miles of its length in Grange County. This is the first time that this has occurred during the period for which records have been kept. At 9th Street bridge over the Santa Ana River (Br. No. 556-372), the river was considered the most stable, and this point on the river gradient was used as the hinge point for the river's hydraulie design. The river degraded 30*+ (Nax.) at this bridge.

But pour Www.fastio.com

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Bridge No	55C-154
A	-
DATE	July 17, 1980

HISTORY - Continued

At this time, the U.S. Army Corps. of Engineers is designing a series of drop structures for this degraded stretch of the river in order to bring the gradient of the river back close to its original gradient. Any additional work necessary to stabilize and/or protect the structures along this portion of the river will be done by the owner of each structure.

CONDITION OF STRUCTURE: There is minor erosion behind the SW wingwall. The river bed has degraded 8'+ (Max.) at the structure and the middle 4 piers have piles exposed. Otherwise, the structure is in good condition.

RECOMMENDATIONS:

- 1. Repair the erosion behind the SW wingwall.
- 2. After the V.S. Army Corps, of Engineers has completed its design for the repair work in the Santa Ana River, a study should be made to determine if any additional work will be necessary to complete the stabilization and/or protection of the structure.
- 3. Initiate a project for any additional work necessary to stabilise and/or protect the structure.

Original signed by

FRANK J. WALLISER ***
CO19767

FJW:ym cc: DRHiggins Orange County (2) STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
BRIDGE REPORT

RIDGE REPORT	Bridge No.	55C-154	
OS M58 (REV. 3/74)	_		
		OCRD SA - 27	
	Location:	1/4 mi. E. of	Harbor Blvd.
e e e e e e e e e e e e e e e e e e e			
The state of the s	Location	Dist - Co - Rte - PM - C	City
	Office Repor	t yy December 1	5. 1975
me SANTA ANA RIVER (Delasianos de la compa		
me SANTA ANA RIVER (Edinger Avenue	<u> </u>	*
, 33 ⁸ -43.6° Long. 117 ⁶ -	54.81		
RUCTURAL DATA AND HISTORY			
ar Built 1959 By County		O - Aug - A No	
ar Built By By		Contract No	
te of Revisions			
signed by: B.D County		Plans Avail.	County
Continuin B C	6 girder) T-Ber	am.R.C. wall D	iers and R.C.
scription: diaphragm abutmer	te keved into	R.C. pile caps	supported o
R.C. pile foundat	ion.		•
11.0. pzze zemine.	,		
ans 1 6 35', 5 6 46', 1 63 5'	·····		
ength 300' Skew Rt. 16		Design I L	s16-44
ingth skew	*** EA K	-	D_13 / F
itings: Inventory HS 31.2/L.F.	Operating HS 72/L	Permit	1-17
ESCRIPTION - ON STRUCTURE			
10504			
otal Width52†		Lanes	Tracks
dian		Rail Type	
rt. Clearance over deck	A	ppr. Rdwy. Width	
earing Surface None			
ignment Tangent	····		
ESCRIPTION - UNDER STRUCTURE	·	Ç.	•
padway Section None			
earances: Vert	Horiz.;	Lt	
nesTracks	Pumpplant: None 🔲	See Br. No	
River Chann	el	· ·	

(1) CON'T.

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

BRIDGE REPORT	Bridge No. <u>55</u> C-154				
DS-M58A (REV. 1/75)	Date December 15, 1975				
DESCRIPTION - HYDRAULICS					
hannel Wide Sandy Channel	· · · · · · · · · · · · · · · · · · ·				
avigable: Yes 🗌 No 🗍 Clearances:	Vert. Horiz.				
AINTENANCE					
ustodian County	Owner County				
RIGINAL CONDITION RATING	ORIGINAL APPRAISAL				
eck					
uperstructure					
ubstructure & Pipes	Underclearances Vert. N/A				
hannel & Channel Protection	Horiz. H/A				
etaining Walls	Safe Load Capacity				
pproach Rdwy. Alignment	Waterway Adequacy				
stimated Remaining Life	Approach Rdwy. Alignment				
idenable? Yes No Conditional	Action Required by District: Yes No				

Original signed by W. R. Baker

WRB:ah