

HPS 9-41-500; B-6 896-7

Colorado State Highway
Bridge Dept.

RAILROAD GRADE SEPARATION

Made AFF 2-42

Location Sec. 4 Township 15S Range 66W Photo. Neg. No. B-4845 Checked Date
 Railroad ^{Overpass} Underpass D&RGW RR Station No. and Type of Spans 4-T 1-2 STG Total length: 97'-2" RR
 Rating Member Rating Unit Stress Design Live Load E-72 Required Live Load E-72 44' Posted Live Load Year built 1942

GENERAL	Alinement	Grade	Sight Distance	Width	Vertical Clearance	Skew	Superelevation
Bridge				Between Curbs 42'-9"	Truss	Rear approach pavement and Rdwy	
Rear approach				Between Rail			
Forward approach				C to C Truss	Underpass	Forward approach pavement and Rdwy	
				Sidewalks none 15'-10"			

Design by D&RGW Built by D&RGW Maintained by D&RGW Plans Str. Index
 Contract No. Contractor Fabricator Contract Price
 Apportionment Cost Total cost by U.S. Army Blast Protection
 Provision for RR Development none
 Drainage
 Lighting System none Collision protection

SUBSTRUCTURE

Abut's Piers	CAP or SILL For RR			PILING - FRAME BENTS - CONCRETE				Wing (Lengths, angles, etc.)
	Size	Material	No.	Butt Size	Material	Grade to Footing	Footing Material	
Rear	12x12	TC	6	12°	32' TP			Open abutments. N&S End VERT CU End 16-06 16-03
Forward	12x12	TC	6	12°	32' TP			
2 Pier 5	12x12	TC	6	12°	32' TP			
3 Pier 4	4-12x12 Carries	TC	14	12°	32' TP Under 7 Post 12x14 TFB			

Piers 3+4 Double bent-14'x. caps + 12'x12'x6' Caps - 3-14x14 15

COLORADO DEPARTMENT OF TRANSPORTATION
STRUCTURE INSPECTION INVENTORY (SIA) REPORT FOR BRIDGE NUMBER
I-17-G

07/08/98

DRGW RR over DRGW RR on hiway 85 on section A at 137.122 (reference point)
SUFFICIENCY RATE OF -0- -0

ITEM #	DESCRIPTION	CODE	ITEM #	DESCRIPTION	CODE	ITEM #	DESCRIPTION	CODE	ITEM #	DESCRIPTION	CODE
(2e)	EngdistID:	2	(44a,b)	apprMat/Dsgn: 7 / 2	(100)	DODID:	0	(137,138)	suffRate,integrity		
(2m)	maintSecID:	4	(45)	mainSpanQty: 1	(101)	parallel:	N		-0- -0		
(2t)	transPlnRegion:	11	(46)	apprSpanQty: 4	(102)	twoWay:	3	(137a)	lowSuffRate:	-0-	
(3)	FIPSCounty:	41	(47)	horizClr: 36.	(103)	isTemp:	-	(137b)	lowSuffRateYr:	-0-	
(3a)	EL PASO		(48)	MAXIMUM spanLen: 46	(104)	fedSysID:	0	(137c)	isTenYrRule:	N	
(4)	FIPSCity:	0	(49)	strLen: 105	(105)	fedLandsHwy:	0	(139)	mapColor:	6	
	-0-		(50a,b)	lt,rtWalkWd: 0. 0.	(106)	reconstYr:	0	(140)	barsID:	-0-	
(5a)	routeRel:	2	(51)	roadWd: 14.3	(107)	deckSys:	1	(141)	fundType:	X	
(5b)	routeType:	2	(52)	OUT-TO-OUT strWd: 16.	(108a)	deckSurf:	9	(142)	status:	0	
(5c)	routeServ:	1	(53f,i)	MINI overClr: 99' 99"	(108b)	deckMembrane:	0	(205a)	routeRel:	0	
(5dn,136)	route,Indic: 85A		(54a,bf,bi)	minFeat/Clr:H 16' 0"	(108c)	deckProtect:	0	(205b)	routeType:	0	
(5df,136)	controlHwy,Indic: 85A		(55a,b)	minRtFeat/Clr: H 4.'	(109)	ADTComb:	4	(205c)	routeServ:	0	
(6)	intsecFeat:		(56)	minLtClr: 0.'	(110)	isTrkNet:	0	(205d,315)	route,indic:	0 X	
	DRGW RR		(58)	deck: 7	(112)	isNBIS:	Y	(206)	intsecFeat:		
(7)	useDesc:		(59)	superStr: 6	(113)	scour:	N		N/A		
	DRGW RR		(60)	subStr: 6	(114)	ADT20:	32400	(210f,i)	MaxClr: 99' 99"		
(8)	STR #: I-17-G		(61)	channelCond: N	(115)	ADT20Yr:	15	(211)	refPt: 0.000		
(8a)	Alias#: -0-		(62)	culvert: N	(120a)	strType:	STG	(212)	baseHwyNetwork:	0	
(8p)	paral#: -0-		(63)	methOperRate: 5	(120b)	constType:	0	(213a)	IrsInvRoute: 000000000		
(9)	locDesc:		(64)	operRate: 772	(121)	SybaseIndic:	1	(213b)	IrsSubRouteNo: 00		
	4.9 MI NW OF JCT SH 16		(65)	methInvRate: 5	(122a)	Lt24inspSD:	-	(219)	detourLen: 0		
(10f,i)	maxClr: 16' 4"		(66)	invRate: 772	(122aa)	lt24inspSDtrip:	-0	(226)	funcClassID: 0		
(11)	refPt: 137.122		(66a)	girderOperRate: -0-	(122b)	inspSPE:	0	(229)	ADT: 0		
(11f)	control refPt: 137.122		(66l)	loadFactRate: 5	(122c)	inspREG:	C	(230)	ADTYr: 0		
(11s)	stationing: -0-		(66s)	invCtrl: N	(122cc)	inspREGtrip:	9	(247)	horizClr: 0.		
(12)	baseHwyNetwork: 1		(66t)	asphFillThick: -0-	(122d)	4YrInsp1st:	-	(300)	DODID: 0		
(13a)	IrsInvRoute: 000000085A		(67)	structural: 6	(122dd)	4YrInsp1stTrip:	-0	(304)	FedSysID: 0		
(13b)	IrsSubRouteNo: 00		(68)	deckGeom: N	(122e)	4YrInsp2nd:	-	(309)	ADTComb: -0		
(16d,m)	latitude: 38 47.		(69)	underClr: N	(122ee)	4YrInsp2ndTrip:	-0	(310)	isTrkNet: 0		
(17d,m)	longitude: 104 47.8		(70)	legalLoad: 5	(122f)	re-visit comments:		(315)	HwyLogInd: X		
(18a,b,c)	R,T,S: 66 W 15 S 4		(71)	waterway: N		-0-					
(19)	detourLen: 2		(72)	approach: 8	(123)	patrolID: 53	()		measDate: 08/10/94		
(20,21,22)	toll,custodian,owner 3, 6, 1		(75a,b)	wrkType/Force: -0 -	(124)	expanType: 0	()		billType:		
(26)	funcClassID: 16		(76)	workLen: -0-	(125a,b)	railType,Version: NA 0	()		accDate: 03/31/98		
(27)	yearBuilt: 1942		(90a)	inspDate: 07/25/96	(129a,b,c)	post3: 0 0 0	()		creDate: 09/26/89		
(28a,b)	lanesOn/Under: 0 / 2		(90b)	team: W	(130)	ratedDate: 01/01/01	()		strType: -0-		
(29,30)	ADT,ADTYr: 13500 93		(91)	frequency: 24	(131)	scourCtrl: N	()		Totdeck: 1680.		
(31)	dsgnLoad: 8		(92abc)	Frac/Wtr/Oth:Y24 N N	(132)	ordinal: 41051.	()		msidate: -0-		
(32)	apprRoadWd: 36		(93a)	critFracDate: 07/25/96	(133)	specialEquip: 0					
(33,34)	Median,skew: 0 , 0		(93b)	waterDate: -0-	(134a)	boundNE: U					
(35)	isflared: 0		(93c)	otherCritDate: -0-	(134bf,bi)	maxClrNE: 16' 4"					
(36a,b,c,d)	rail: N N N N		(94)	strAmt: -0-	(134cf,ci)	minClrNE: 16' 0"					
	STR,TR,APPRO,END		(95)	roadAmt: -0-	(135a)	boundSW: U					
(36H)	railHt: -0-		(96)	totlmpAmt: -0-	(135bf,bi)	maxClrSW: 16' 4"					
(37)	histValue: 5		(97)	costYr: -0	(135cf,ci)	minClrSW: 16' 0"					
(41)	operStat: A		(98A,B)	otherState,Share:-0- -0	(136)	HwyLogInd: A					
(42a,b)	servOn/Under: 2 / 1		(99)	otrStateID:-0-	(136f)	controlLogInd: A					
(43a,b)	mainMat/Dsgn: 3 / 3		()	description: -0-							

Handwritten note: road to col 280105 7/98

