

# SCDOT BRIDGE INSPECTION FORM

73 of 195

(008) BRIDGE ID: 4010012640071  
(005) ROUTE: RICHLAND I- 126 RMP  
(006) CROSSING: ARROWWOOD DR S-287

(009) LOCATION: 3 MI N OF COLUMBIA  
(026) FUNCTIONAL CLASS: 11

## GENERAL BRIDGE DATA

	EXISTING	REVISED		EXISTING SUP-SUB	REVISED SUP-SUB
(027) YEAR BUILT	1985	_____	(043) MAIN ORIGINAL (A)	3 02 1	_____
(106) YEAR RECON	0	_____	MAIN RECONST (B)		_____
(031) DESIGN LOAD	5	_____	(044) APPR ORIGINAL (A)	0 00 0	_____
(032) APPR RDWAY	31	_____	APPR RECONST (B)		_____
(033) BRIDGE MEDIAN	0	_____	(107) DECK STRUCT	1	_____
(034) SKEW	0	_____	(108) WEAR SURF	1 8 8	_____
(035) FLARED	0	_____	(045) # MAIN SPANS	3	_____
(36A) RAILINGS	1	_____	(046) # APPR SPANS	0	_____
(36B) TRANSITIONS	1	_____	(048) MAX SPAN LGTH	165	_____
(36C) APPR GUARD	1	_____	(308) APPR SPAN LGTH	0	_____
(36D) APPR GUARD END	1	_____	(049) STRUCT LENGTH	328	_____
(041) TRAFFIC STATUS	A	_____	(037) HISTORY	5	_____

## GEOMETRIC DATA

	EXISTING	REVISED		EXISTING	REVISED
(038) NAVIGATION CONT	N	_____	(042) TYPE SERV; (A)-(B)	1 1	_____
(039) NAV VERT CLEAR	0	_____	(028) LANES; ON(A) UND(B)	1 3	_____
(040) NAV HORZ CLEAR	0	_____	(47A) HORZ CLEAR RIGHT	31.6	_____
(111) NAV PIER PROT		_____	(47B) HORZ CLEAR LEFT	0	_____
(10A) GREAT MIN OVER	FT IN	FT IN	(47UA) HORZ CLEAR RIGHT	0	_____
UNDERCLEARANCES	99 99	_____	(47UB) HORZ CLEAR LEFT	0	_____
(10B) GREAT MIN RIGHT	16 3	_____	(50B) SIDEWALK RIGHT	0	_____
(10C) GREAT MIN LEFT	0 0	_____	(50A) SIDEWALK LEFT	0	_____
(54A) VERT CLEAR REF	H	_____	(051) CURB TO CURB	31.6	_____
(54B) VERT CLEAR RIGHT	16 3	_____	(052) DECK OUT-OUT	34.8	_____
(54C) VERT CLEAR LEFT	0 0	_____	(053) VERT CLEARANCE	FT IN	FT IN
(55A) LAT CLEAR REF	H	_____	ABOVE DECK	99 99	_____
(55B) LAT CLEAR RIGHT	10	_____			
(55C) LAT CLEAR LEFT	0	_____			

## CONDITION RATINGS

	EXISTING	REVISED		EXISTING	REVISED
(063) OPERATING RATING METHOD	2	_____	(58) DECK	7	_____
(064) OPERATING RATING	50	_____	(59) SUPER STR	8	_____
(065) INVENTORY RATING METHOD	2	_____	(60) SUB STR	7	_____
(066) INVENTORY RATING	36	_____	(061) CHANNEL	N	_____
(319) LAST PAINT DATE		_____	(062) CULV RET	N	_____

## CRITICAL INSPECTION DATA

	EXISTING	REVISED
(090) INSP DATE	01/2012	<u>12/13</u>
(091) INSP FREQ	24	_____
(113) SCOUR CRITICAL	N	_____
	INTERVAL MTH YR	INTERVAL MTH YR
(93A) FRACTURE	N	_____
(93B) UNDERWATER	N	_____
(93C) SPECIAL	N	_____

## APPRAISAL RATINGS

	EXISTING	REVISED
(067) STRUCTURE	7	GEN
(068) DECK GEOM	4	GEN
(069) UNDERCLEAR	6	GEN
(070) BRIDGE POST	5	GEN
(071) WATER ADEQ	N	_____
(072) APPR RDWAY	8	_____
(411) LOAD RATING ID		_____

# 7936

## **Bridge Element Group Textual Data**

**Bridge ID:** 40-1-00126-4-00-71

30 Dec-2013

### **Abutments and/or Headwalls:**

Hairline cracks and slight settlement in slope protection, both abutments.

### **Bents and/or Piers:**

(7) Hairline crack in cap bents 2 and 3, between beam 2 and 3. Large amount of dirt/debris on bent 1, (see photo).

### **Bearings:**

### **Girders/Floor Beams/Stringers and/or Beams:**

(8)

### **Truss Members:**

**Expansion Joints:**

Compression seal is missing at bent 1, (see photo).

**Decks and/or Slabs:**

(7) Hairline cracks w/eff. on underside of deck around deck drains, and at soffit.  
Asphalt overlay on deck and cracked at joints.

**Curbs:****Bridge Railing/Parapets and/or Median Barriers:**

Bridge and approach rail in place. Hairline cracks in parapet walls.

**Paint System(s):**

**Waterway and Scour:**

**Fender System:**

**Roadway Alignment:**

Settlement on fill, and washing from under approach slab at both ends.

**Traffic Signs:**

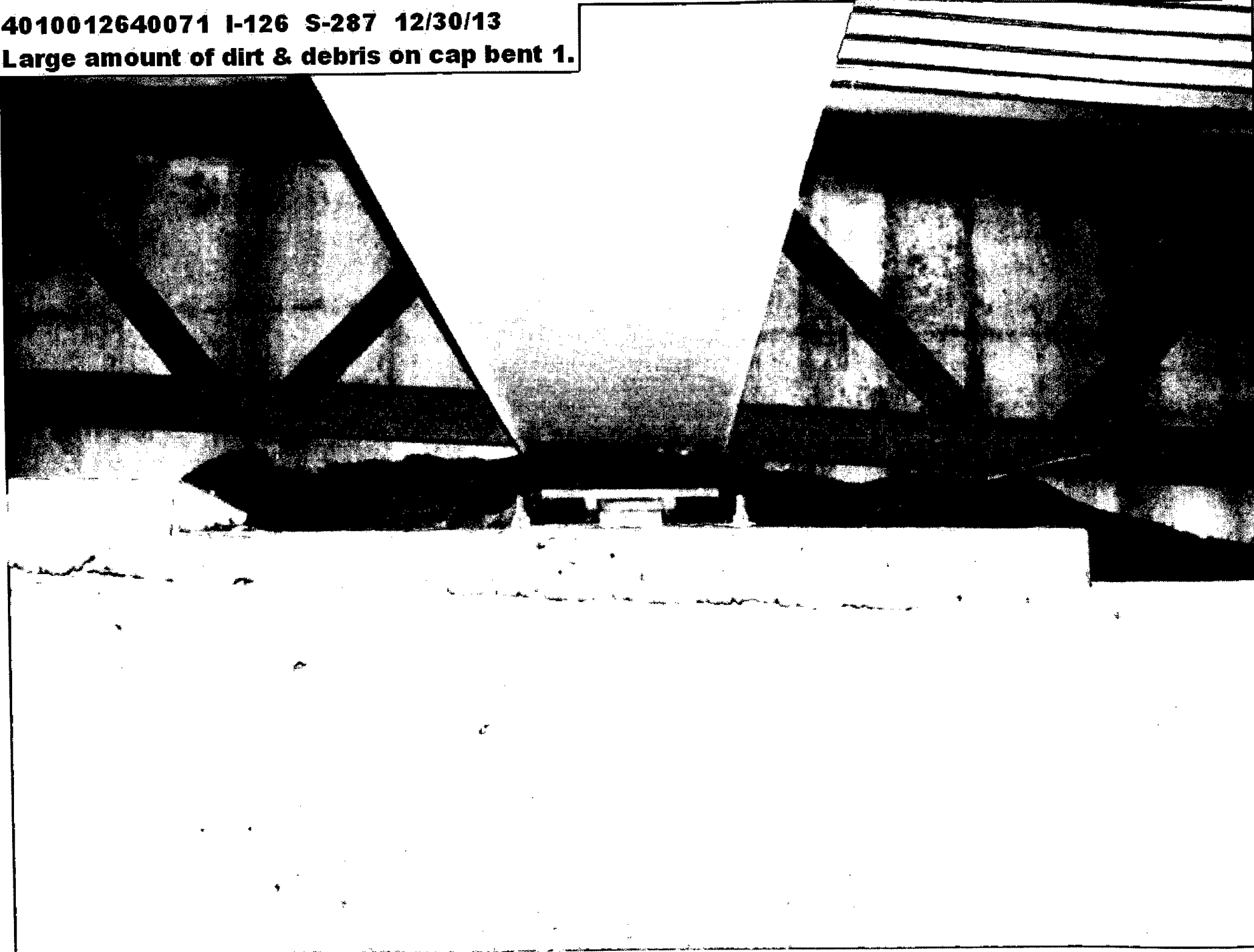
2 bridge end signs in place and 2 'Do Not Enter' signs on West end.

**Encroachments:**

**Miscellaneous Notes:**

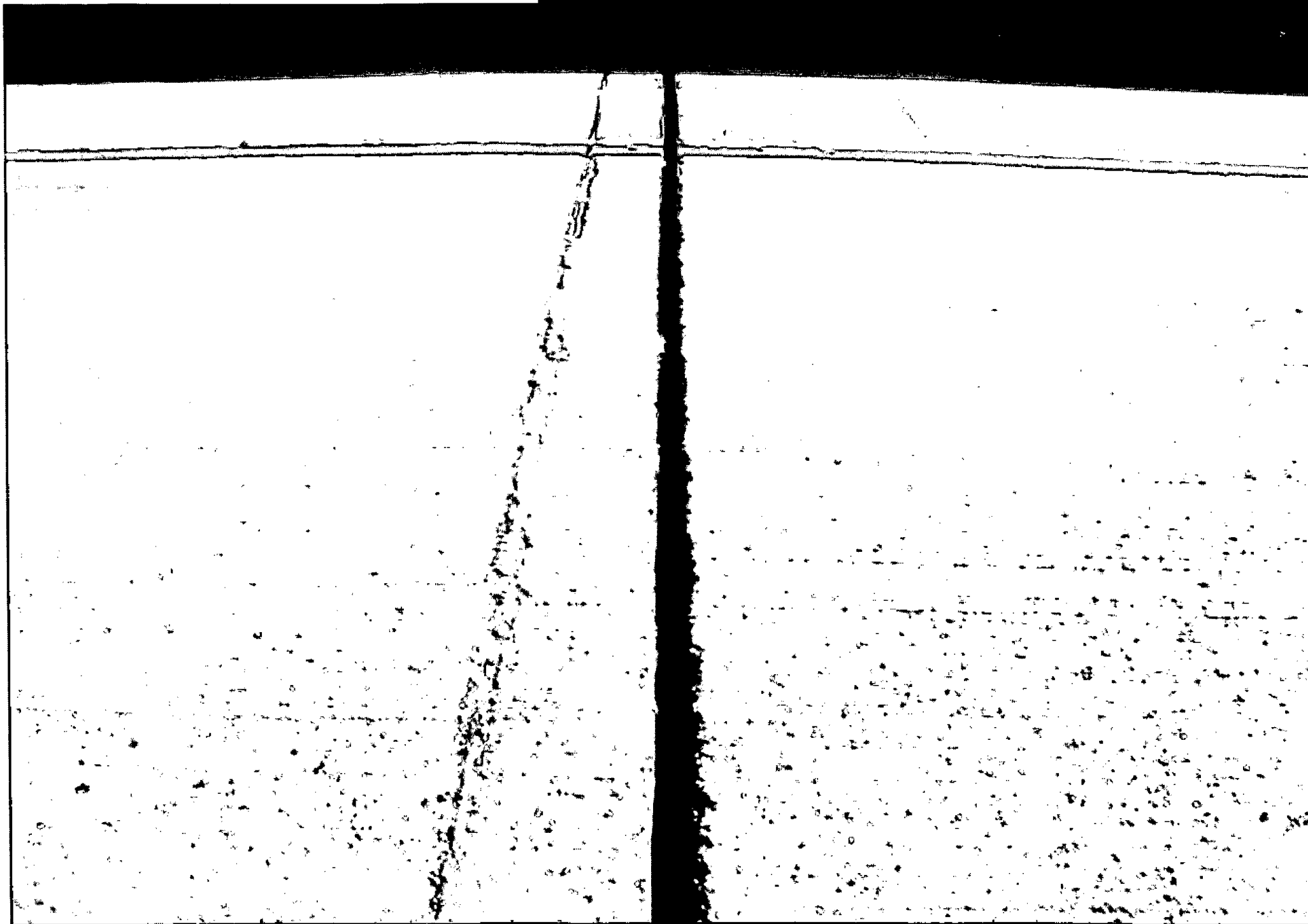
GPS: 34-01-15, 81-05-39.

**4010012640071 I-126 S-287 12/30/13**  
**Large amount of dirt & debris on cap bent 1.**



**4010012640071 I-126 S-287 12/30/13**

**Compression seal missing at bent 1.**



STRUCTURE NO.: 4010012640071  
FACILITY CARRIED: I-126 RAMP  
CROSSING: ARROWWOOD DR S-287  
INSPECTION DATE: ~~6 Jan 2012~~

CULVERT: N

.b