WEST YELLOWSTONE

7/20/06

A-3, surface detail with raveling

A-1, indent & swell

A-2, crack & raveling

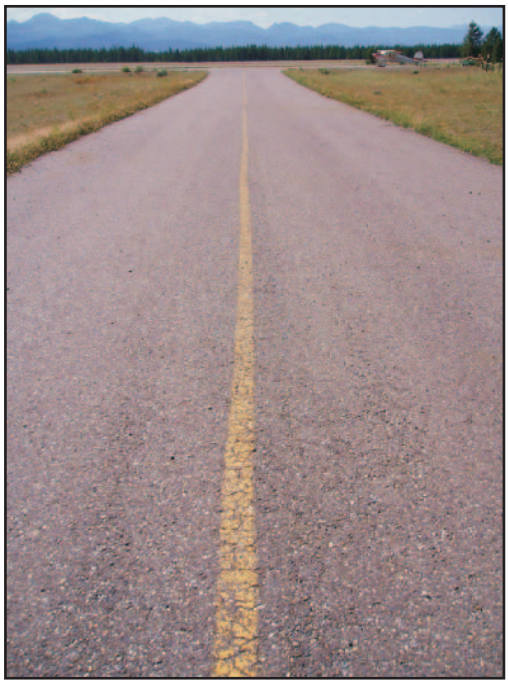
A-4, tie-down

WEST YELLOWSTONE

7/20/06

R-1, overview

T-1, crack with failed sealant

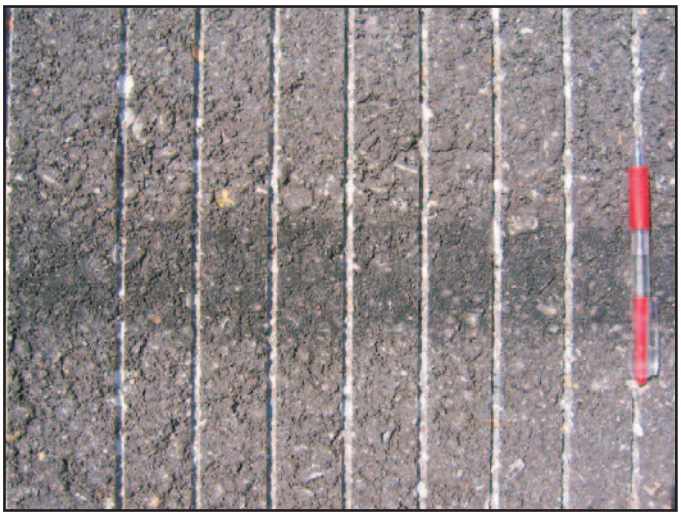


T-2, overview

T-1, overview

WEST YELLOWSTONE

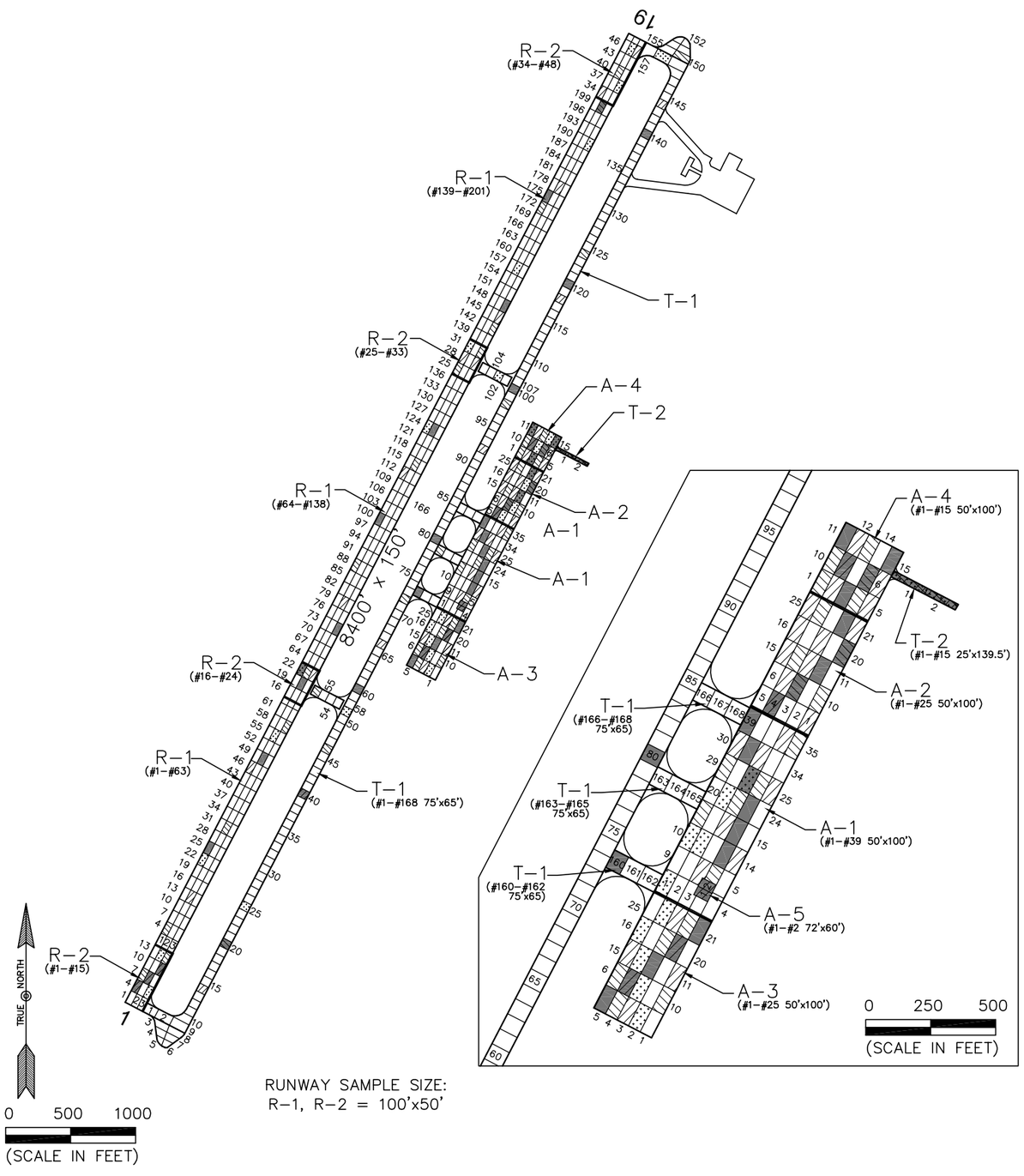
7/20/06



R-2, surface detail

A-5, surface detail with pop-outs

WEST YELLOWSTONE



RUNWAY SAMPLE SIZE:
R–1, R–2 = 100'x50'

PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

PAVE. IDENT.	SOIL CLASS	SUB GRADE CLASS	SUBBASE COURSE	BASE COURSE	SURFACE COURSE	OVERLAY	PAVEMENT STRENGTH MAX. GROSS LOAD (LBS) SINGLE	DUAL	DUAL TAN.	REMARKS
RUNWAYS										
R–1	E–1	FA		7" P–201	2.5" P–401	3" P–401	105,000	190,000	360,000	<2
R–2	E–1	FA		8" P–201	3" P–401	3" P–401	90,000	150,000	280,000	<2
TAXIWAYS										
T–1	E–1	FA		8" P–201	3" P–401		90,000	150,000	280,000	
T–2			P–152	4" P–208	3" P–401		12,500			<1
APRONS										
A–1	E–1	FA		8" P–201	3" P–401		90,000	150,000	280,000	
A–2	E–1	FA			1.5"		30,000			<A
A–3	E–1	FA		7" P–201	4" P–401		90,000	150,000	280,000	
A–4			6" P–152	6" P–208	P–609	2" P–402				<1
A–5			32"		16" P–501					

REMARKS:

PRESENT CRITICAL AIRCRAFT IS 100,000 LBS. (737) ON DUAL GEAR (9/69)

A> ESTIMATED SINGLE WHEEL LOADING

1> AIP–03, 1991, CONSTRUCT ACCESS TAXIWAY, REHABILITATE A–4.

2> AIP–005, 2003, OVERLAY AND GROOVE RUNWAY 1–19.

LEGEND

- 1994 SURVEY AREA
- 1997 SURVEY AREA
- 2000 SURVEY AREA
- 2003 SURVEY AREA (NOT SURVEYED)
- 2006 SURVEY AREA

DATE OF PAVEMENT STRENGTH SURVEY:	
EVALUATED BY:	
DATE OF MOST RECENT PAVEMENT CONDITION SURVEY:	JULY 20, 2006
EVALUATED BY:	B. BURKLAND

MONTANA AVIATION SYSTEM PLAN
2006 UPDATE - PAVEMENT CONDITION INDEXES

WEST YELLOWSTONE AIRPORT

PREPARED FOR: MONTANA AERONAUTICS DIVISION — ORO Y PLATA

WEST YELLOWSTONE
MONTANA

DATE: NOV. 2006

PREPARED BY: ROBERT PECCIA & ASSOCIATES

WEST YELLOWSTONE