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7/19/06

R-1, overview

R-1, surface detail

R-2, light alligator cracks

A-2, scrape & depression

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A-1, surface detail & crack with missing seal

T-5, overview with scrapes

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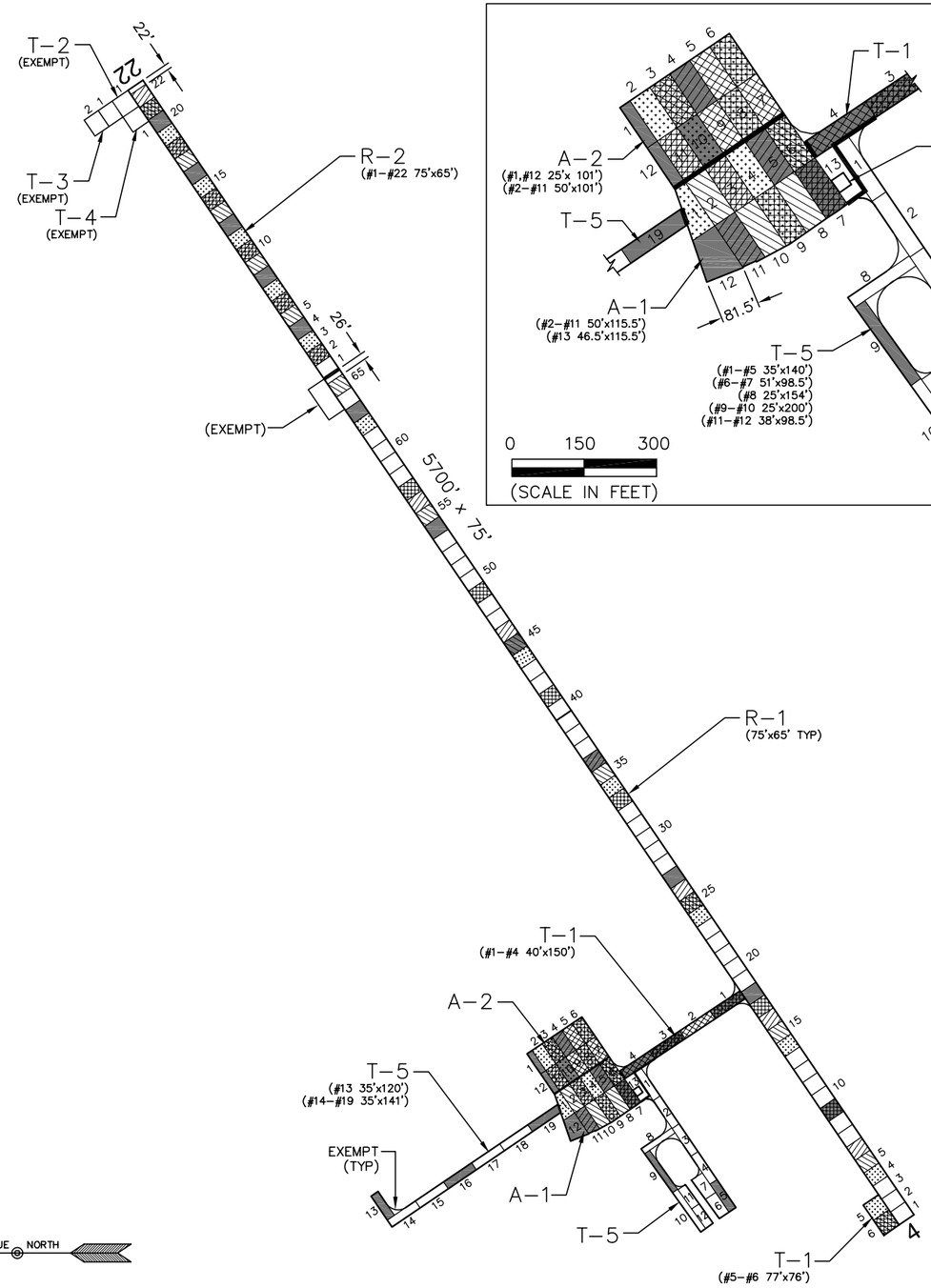

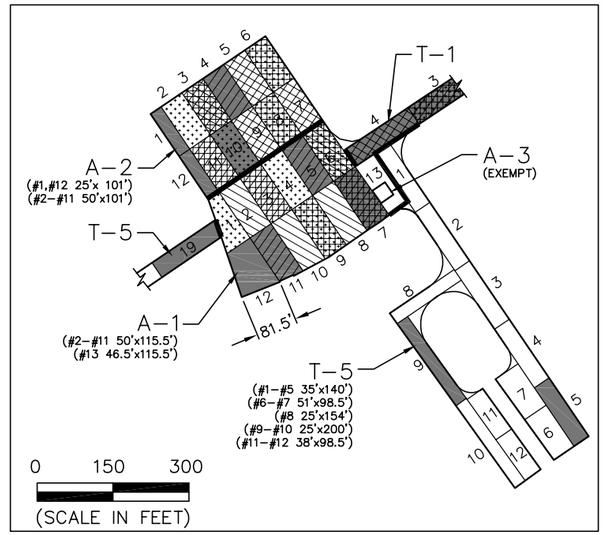

PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

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-2	FA		7" C. AGG.	1.5" AC	1"P-402,P-609	40,000	70,000	110,000	2 3 4
R-2	E-1	FA	P-154	7" P-208	2" P-401	1"P-402,P-609	30,000	50,000		1 2 3 4
TAXIWAYS										
T-1	E-2	FA		7" C. AGG.	1.5" AC	1"P-402,P-609	40,000	70,000	110,000	2 4
T-2	E-1	FA	P-154	7" P-208	2" P-401	1"P-402,P-609	30,000	50,000		3 4
T-3				4" P-208	3" P-401	1"P-402,P-609	12,500			3 4
T-4					6" PCC	1"P-402,P-609				3 4
T-5			8" P-154	6" P-209	3" P-401		40,000	70,000		5
APRONS										
A-1	E-2	FA		7" C. AGG.	2" AC	1"P-402,P-609	45,000	75,000	130,000	3 4
A-2	WELL-GRADED GRAVEL			4" P-208	3" P-401	1"P-402,P-609	12,500			3 4
A-3					PCC					

REMARKS:

1. ADAP-01, 1972, EXTEND RUNWAY AND CONSTRUCT TAXIWAY (T-2).
2. AIP-01, 1983, CHIP SEAL ALL PAVEMENTS (P-602).
3. AIP-02, 1993, 1" OVERLAY, APRON EXTENSION (A-2), AND CONSTRUCT TAXIWAY (T-3).
4. AIP-03, 2002, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.
5. AIP-004, 2005, CONSTRUCT TAXIWAYS (T-5). SELECT ON-SITE BORROW WAS USED TO REPLACE UNSUITABLE SUBGRADE, TYPICALLY RANGING FROM 0" TO 6" (SPOT LOCATIONS WERE AS DEEP AS 4 FT.).

LEGEND

- 1994 SURVEY AREA
- 1997 SURVEY AREA
- 2000 SURVEY AREA
- 2003 SURVEY AREA
- 2006 SURVEY AREA

DATE OF PAVEMENT STRENGTH SURVEY:	DEC. 1992
EVALUATED BY:	J. STYBA
DATE OF MOST RECENT PAVEMENT CONDITION SURVEY:	JULY 19, 2006
EVALUATED BY:	B. BURKLAND

MONTANA AVIATION SYSTEM PLAN
2006 UPDATE - PAVEMENT CONDITION INDEXES

MISSION FIELD

PREPARED FOR: MONTANA AERONAUTICS DIVISION ORO Y PLATA

LIVINGSTON
MONTANA

DATE: NOV. 2006

PREPARED BY: ROBERT PECCIA & ASSOCIATES

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