# DILLON

7/21/06

**T-1**, overview with patch

**A-2**, depression

**A-3**, crack with failed sealant

**A-4**, depression

**T-2**, overview

**T-3**, surface detail

**R-2**, rodent undercut

**R-4**, surface detail

**R-4**, bleeding

**R-3**, overview

**T-3**, overview

**R-2**, high crack & depression

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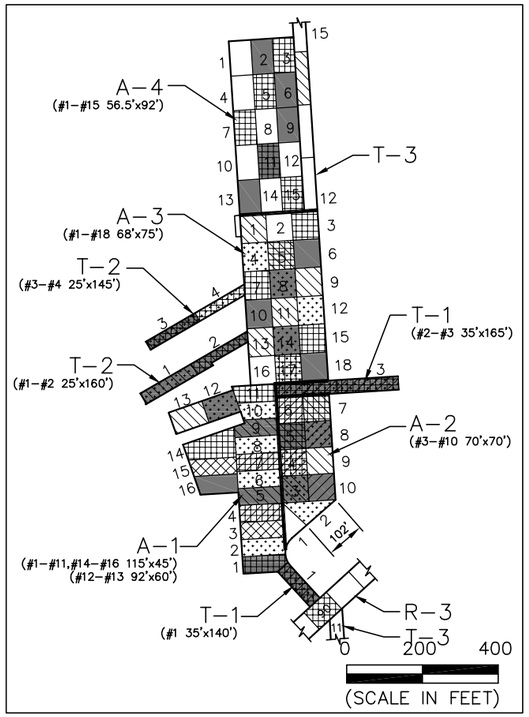


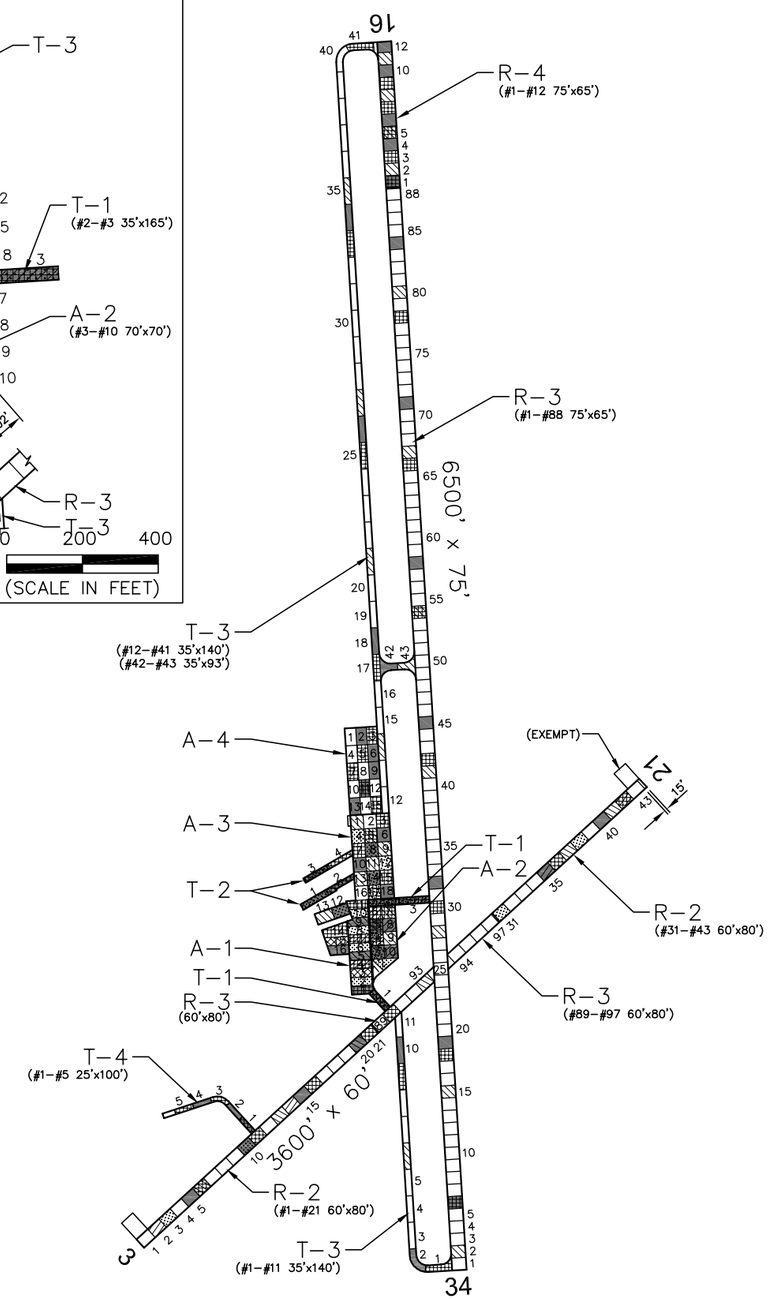


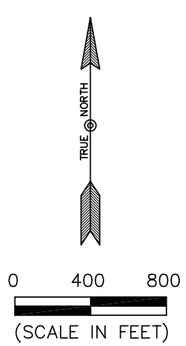


# PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

| 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–2 | E–6 | F4/7.5 | | 11" P–208 | 2" P–401 | P–609 | 30,000 | 50,000 | | 2 5 |
| R–3 | CBR=3.2 | F4/7.5 | 9" P–208 | 6" P–207 | 3" P–401 | | 12,500 | | | 4 5 |
| R–4 | CBR=3.2 | F4/7.5 | P–669, 24" P–208 | 15" P–207 | 3" P–401 | | 12,500 | | | 4 |
| **TAXIWAYS** | | | | | | | | | | |
| T–1 | E–6 | F6/7.5 | 4" P–207 | 8" P–209 | 2.5" P–401 | | 35,000 | 50,000 | | 1 2 A |
| T–2 | | P–152 | 10" P–154 | 4" P–208 | 3" P–401 | | 12,500 | | | 3 |
| T–3 | CBR=3.2 | P–152 | 7" P–154 | 4" P–208 | 3" P–401 | | 12,500 | | | 4 |
| T–4 | CBR=3.2 | P–152 | 7" P–154 WITH FABRIC | 4" P–208 | 3" P–401 | | 12,500 | | | 5 |
| **APRONS** | | | | | | | | | | |
| A–1 | E–6 | F6 | | 9" AGG. | 1.5" P–609 | P–609 | 22,000 | | | |
| A–2 | E–6 | F6/7.5 | 4" P–207 | 8" P–209 | 2.5" P–401 | P–609 | 35,000 | 50,000 | | 1 2 A |
| A–3 | | P–152 | 10" P–154 | 4" P–208 | 3" P–401 | | 12,500 | | | 3 |
| A–4 | CBR=3.2 | P–152 | 13" P–154 WITH FABRIC | 6"P–208 | 4" P–401 | | 35,000 | 50,000 | | 5 |

**REMARKS:**

A P–207 = RECLAIMED ASPHALT BASE COURSE AT 1.5" MINUS MATERIAL. PULVERIZING WAS DONE IN PLACE AND MIXED WITH SOME AGGREGATE BASE INTO FINAL MATERIAL.

1 AIP–02, 1988, NEW AND OVERLAY

2 AIP–03, 1988, NEW

3 AIP–04, 1994, EXPAND APRON AND CONSTRUCT ACCESS TAXIWAY.

4 AIP–05, 1998, FULL DEPTH PULVERIZATION AND RECONSTRUCTION RUNWAY 16–34 AND CROSS–WIND TRANSITION, CONSTRUCT PARALLEL AND CONNECTING TAXIWAYS.

5 AIP–06, 2002, APRON EXPANSION (A–4); CONSTRUCT TAXIWAY (T–4); CRACK SEAL, FOG SEAL, AND REMARK RUNWAY 3–21.

**LEGEND**

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

| | |
|---|---|
| DATE OF PAVEMENT STRENGTH SURVEY: | AUG. 22, 1988 |
| EVALUATED BY: | J. STYBA |
| DATE OF MOST RECENT PAVEMENT CONDITION SURVEY: | JULY 21, 2006 |
| EVALUATED BY: | B. BURKLAND |

**MONTANA AVIATION SYSTEM PLAN**
**2006 UPDATE - PAVEMENT CONDITION INDEXES**

**DILLON AIRPORT**

PREPARED FOR: MONTANA AERONAUTICS DIVISION

DILLON
MONTANA

DATE: NOV. 2006

PREPARED BY: ROBERT PECCIA & ASSOCIATES

DILLON