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AIRFIELD ENGINEERING ASSESSMENT and PAVEMENT CONDITION SURVEY

KEESLER AIR FORCE BASE, MISSISSIPPI

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PREFACE

This report provides an assessment of the surface condition of the airfield pavements at Keesler Air Force Base, Mississippi. The report provides information for the following functional activities:

- Planning and programming for pavement maintenance, repairs, and structural improvements.
- Design of pavement maintenance, repair, and construction projects.

This report meets the requirements for airfield pavement condition inspection established in "Procedures for US Army and US Air Force Airfield Pavement Surveys," Air Force Regulation AFJMAN 32-1038, Headquarters, Department of the Air Force 1989, and Engineering Technical Letter 99-7, Airfield Pavement Engineering Assessment Rating Standards, and applicable sections as advised by Headquarters, Air Education Training Command (HQ, AETC).

Funding for this airfield condition survey was provided by the HQ, AETC through the Scientific, Engineering, and Manpower Assistance Support, contract number F08637-98-C-6001, Supplemental Support Group Task, 22.00.41. The project is administered through the (Air Force Civil Engineering Support Agency) AFCESA, and Capt. Jim Chrisley is the technical monitor.

Lt. Jason Lyons, 81 CES/CE, Ms. Sylvia Struble, 81 TRW/OSFAM and C MSgt, 81 SFS/SFTR, provided valuable assistance and engineering data for the field investigation.

The field team from ERES included Bill Burke, Jamie Key, Grady Holly, Tiffany Mims, Wayne Patrick, and Lance Walker. The field survey was conducted in February 2001. Bill Burke and Jim Hall prepared this report, and Jamie Key and Grady Holly prepared Computer-Aided Drafting and Design (CADD) drawings.

CHAPTER 1
INTRODUCTION

General

This report describes the airfield Pavement Condition Index (PCI) rating of the airfield pavements (runways, taxiways, and aprons) at Keesler Air Force Base (KAFB), Mississippi, and implementation of MicroPAVER, a pavement management system. The implementation was performed to provide the Base Civil Engineer and other organizations with a database that can be used with MicroPAVER for identifying and prioritizing pavement maintenance requirements. The PCI data for each feature/section, combined with current skid/hydroplaning test results, foreign object damage (FOD) potential, and the Aircraft Classification Number/ Pavement Classification Number (CAN/PCN) are used to develop the Engineering Assessment (EA) ratings, as defined by Engineering Technical Letter 99-7, Airfield Pavement Engineering Assessment Rating Standards, dated 27 September 1999. The condition survey was performed during February 2001.

Objective and Scope

The primary objectives of this investigation were to determine the surface condition of the airfield pavements at KAFB and create a MicroPAVER database of the inventory and inspection data for each network. The database is a tool for use by Operations and Civil Engineering functions to make pavement management decisions. The objectives were accomplished by:

- Conducting a PCI survey on airfield pavements and recording data in accordance with "Standard Test Method for Airport Pavement Condition Index Surveys" ASTM D 5340-93.

- Reviewing as-built drawings and records and documenting the general description of the airfield for all inspected pavements and interviewing Base Civil Engineering and Maintenance to determine the pavement age and thickness.

- Entering the pavement network and condition survey information into the MicroPAVER system database and determining the PCI of each of the pavement features, and producing MicroPAVER reports, including the 5-year Work Plan.

- Developing maintenance and repair requirements for each pavement facility.

- Producing detailed drawings of the pavement features to ensure that future pavement condition surveys will be performed at the same locations as this survey.

- Determining the EA for each feature and an overall facility rating.

This report gives a general description of the KAFB airfield, the construction history, and the PCI of the existing pavement features, and provides the recommended alternatives for maintenance, repair, and reconstruction.

CHAPTER 2
BACKGROUND DATA

Design and Construction History

Keesler Air Force Base (KAFB) opened in 1941, when the city of Biloxi deeded 1,563 acres of land to the Government for an Army Air Corps technical training base for airplane and engine mechanics. The original airfield pavements were constructed in 1942, and they consisted of two runways, aircraft parking aprons, and parallel and ladder taxiways. Numerous pavement maintenance and repair projects were performed in the 1970's and 1980's. Table 2-1 presents a summary of the construction and maintenance history. The construction history is based on the Airfield Pavement Evaluation Report, Keesler Air Force Base Mississippi, Air Force Civil Engineer Support Agency, Tyndall AFB, FL dated, October 2000, with additional information provided by the KAFB Base Civil Engineer office.

Traffic History

The primary military aircraft operating at KAFB are C-130's and C-21's. C-9's and light trainers are common transient aircraft. These aircraft averaged about 720 passes in the past 6 months.

Topography

KAFB is located on the north side of the Biloxi Peninsula. This peninsula, which runs east-west, is 8-miles long and 1-mile wide. It is separated from the interior by the half-mile-wide Back Bay, which is less than 3-fathoms deep in most places. The peninsula is protected from the deeper waters of the Gulf of Mexico by a chain of narrow islands 12 miles out. The shallow waters in between constitute the Mississippi Sound. The shallow bay and sound are cooler than the Gulf in winter and warmer in summer. This results in prolonged periods of fog and stratus clouds during the winter and a sea breeze during the summer. The breeze effect helps the formation of thunderstorm cells just to the north of the peninsula. Keesler's proximity to the water also results in maximum temperatures and a smaller diurnal temperature range in the summer months. The maximum elevation within a 50-mile radius of KAFB is 350 feet; therefore, orographic effects are not a factor.

Visibility

Visibility restrictions due to fog are a major problem in the winter months. Visibility will be reduced to ¾ mile or less 5 to 10% of the time.

Restrictions to visibility from pollution are rare due to the lack of industry along the coast. However, during periods of extremely stagnant, stable conditions in the summer, haze and smoke can become trapped by the radiation inversion. This causes the visibility over the coast to become restricted to ¾ mile during the early morning.

Severe Weather

Thunderstorms occur year round. The maximum activity is in July when there are an average of 12 days with thunderstorm activity. Damaging hail and tornadoes are infrequent. Tropical storms generating in or entering the Gulf of Mexico are always considered a threat to KAFB. The average occurrence is one per year within 500 miles of KAFB, but the number that directly affects the base is only one in 10-years.

Previous Reports

Previous reports pertaining to the airfield facilities are listed below, and pertinent data were extracted from them for use in this condition survey report.

- Airfield Pavement Evaluation Report, Keesler Air Force Base Mississippi, Air Force Civil Engineer Support Agency, Tyndall AFB, FL, October 2000.

- Runway Friction Characteristics Evaluation Report, Keesler Air Force Base Mississippi, Air Force Civil Engineer Support Agency, Tyndall AFB, FL, March 1991.

- Airfield Pavement Evaluation Report, Keesler Air Force Base Mississippi, Air Force Civil Engineer Support Agency, Tyndall AFB, FL, July 1988.

Much of the background and historical data regarding this air base was taken directly from the reports described above.

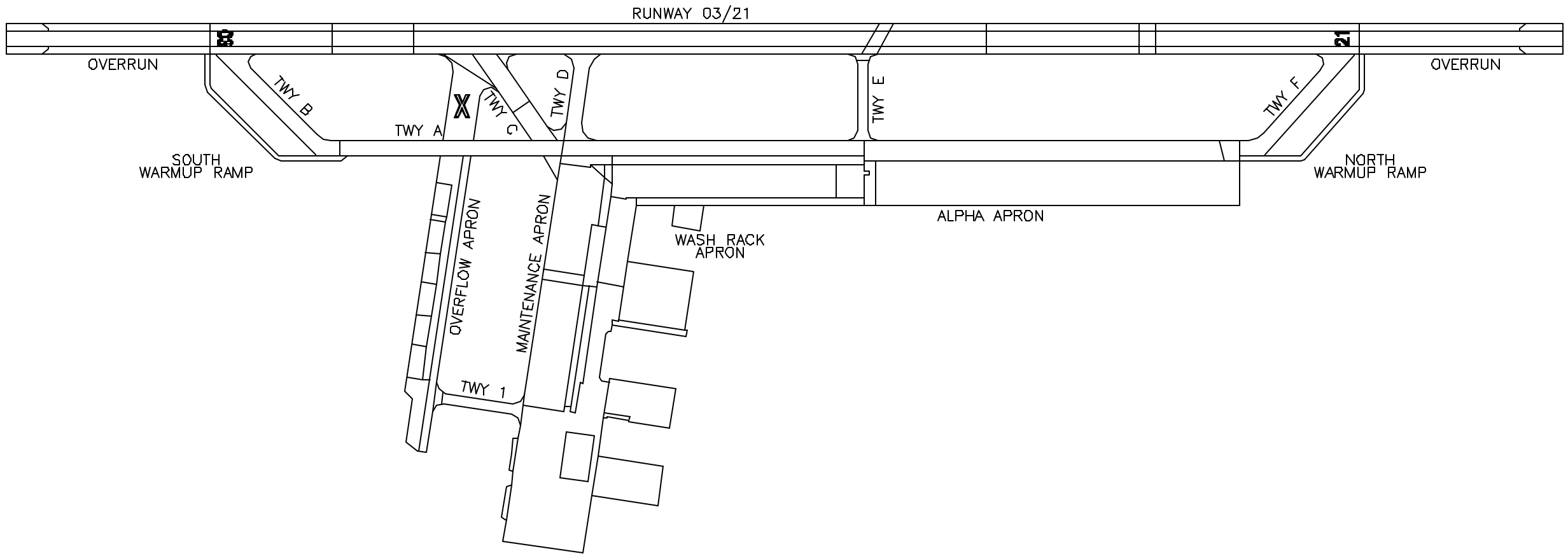

Figure 2–1. Facility Identification at Keesler Air Force Base.

Table 2-1
Construction History
Keesler AFB, MS

Feature	Designations	Construction Period	Type & Thickness (in)	Remarks
Runway 03/21				
R01A	NE-SW Runway Overrun Keel and Turnaround STA 0+00 to 10-00	1973 1979 1982	8.0 PCC 8.0 PCC	US Navy – Project N62467-72-C-0398 Seal PCC Edge Pavement, Project 77-0032 Widen existing PCC overrun keel sections, Project KE-83-0044
R02C	NE-SW Runway Edges STA 0+00 to 8+50	1973	2.0 AC	US Navy – Project N62467-72-C-0398
R03A	NE-SW Runway STA 0+00 to 5+00	1973 1977	8.0 PCC	Reconstruction, US Navy – Project N62467-72-0398 Seal PCC edge pavements, Project 77-0032
R04A	NE-SW Runway STA 6+00 to 10+00	1942 Unknown 1959 1968 1976 1982 1986	2.0 AC 2.0 AC 1.5 AC 4.0 AC 3.0 AC	Corps of Engineers Overlay Overlay Seal coat USAF Overlay, Project KE-76-0027 Route/Seal apron & runway joints, Project KE-82-0006 Cold Mill 3” at 75’ wide keel & 1.5” at 37.5” edges each side, replace w/3” AC KE-83-0008, 86-0030, 86-0031
R05C	NE-SW Runway STA 10+00 to 32+10	1942 Unknown 1959 1968 1976 1982 1986	2.0 AC 2.0 AC 1.5 AC 4.0 AC 3.0 AC	Corps of Engineers Overlay Overlay Seal coat USAF Overlay, Project KE-76-0027 Route/Seal apron & runway joints, Project KE-82-0006 Cold Mill 3” at 75’ wide keel & 1.5” at 37.5” edges each side, replace w/3” AC KE-83-0008, 86-0030, 86-0031
R06C	NE-SW Runway STA 32+10 to 32+70	1973 1976 1982 1986	12.5 AC 4.0 AC 3.0 AC	Reconstruction, BCE USAF Overlay, Project KE-76-0027 Route/Seal apron & runway joints, Project KE-82-0006 Cold Mill 3” at 75’ wide Keel & 1.5” at 37.5” edges each side, replace w/3” AC KE-83-0008, 86-0030, 86-0031
R07C	NE-SW Runway STA 32+70 to 38+00	1942 Unknown 1959 1968 1976 1982	2.0 AC 2.0 AC 1.5 AC 4.0	Corps of Engineers Overlay Overlay Seal coat USAF Overlay, Project KE-76-0027 Route/Seal apron & runway joints, Project KE-82-0006

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Table 2-1
Construction History
Keesler AFB, MS

Feature	Designations	Construction Period	Type & Thickness (in)	Remarks
Runway 03/21 (Continued)				
R07C (Continued)	NE-SW Runway STA 32+70 to 38+00	1986	3.0 AC	Cold Mill 3" at 75' wide Keel & 1.5" at 37.5" edges each side, replace w/3" AC KE-83-0008, 86-0030, 86-0031
R08C	NE-SW Runway STA 38+00 to 45+50	1942 Unknown 1959 1973 1982 1986	2.0 AC 2.0 AC 1.5 AC 1.5 AC 3.0 AC	Corps of Engineers Overlay Overlay Overlay, US Navy – Project N62467-72-C-0398 Route/Seal apron & runway joints, Project KE-82-0006 Cold Mill 3" at 75' wide keel & 1.5" at 37.5" edges each side, replace w/3" AC KE-83-0008, 86-0030, 86-0031
R09C	NE-SW Runway STA 45+50 to 46+30	1973 1982 1986	4.0 AC 3.0 AC	Reconstruction, US Navy – Project N62467-72-C-0398 Route/Seal aprons and runway joints, Project KE-82-0006 Cold Mill 3" at 75' wide keel & 1.5" at 37.5" edges each side, replace w/3" AC KE-83-0008, 86-0030, 86-0031
R10A	NE-SW Runway STA 46+30 to 56+30	1973	8.0 PCC	Reconstruction, US Navy – Project N62467-72-C-0398
R11C	NE-SW Runway Edges STA 56+30 to 64+30	1973	2.0 AC	US Navy – Project N62467-72-C-0398
R12A	NE-SW Runway Overrun Keel & Turnaround STA 56+30 to 66+30	1973 1979 1982	8.0 PCC 8.0 PCC	US Navy – Project N62467-72-C-0398 Seal PCC edges pavement, Project 77-0032 Widen existing PCC overrun keel sections, Project KE-83-0044
Taxiways				
T01A	Taxiway 2 (Alpha South And Bravo)	1973	8.0 PCC	Reconstruction, US Navy – Project N62467-72-C-0398
T02C	Taxiway 3 (Charlie)	1942 Unknown 1968 1983 1986	2.0 AC 1.0 AC 4.0 AC 6.0 AC	Corps of Engineers Overlay Seal Coat Mill 2" existing pavement/replace w/4" AC Project KE-83-0009 Cold Mill existing/replace w/6" AC KE-83-0008, 86-0030, 86-0031
T03C	Taxiway 3 (Charlie)	1942 Unknown 1968 1983	2.0 AC 1.0 AC 4.0 AC	Corps of Engineers Overlay Seal coat Mill 2" existing pavement/replace w/4" AC Project KE-83-0009

Table 2-1
Construction History
Keesler AFB, MS

Feature	Designations	Construction Period	Type & Thickness (in)	Remarks
Taxiways (Continued)				
T04C	Taxiway 4 (Delta)	1953 1968 1986	2.5 AC 6.0 AC	Corps of Engineers Seal coat Cold Mill existing/replace with 6" AC KE-83-0008, 86-0030, 86-0031
T05A	Taxiway 6 (Alpha Center)	1942 1974 1982 1985 [e]	6/8.0 PCC 4.0 AC 2.0 AC	8/6/6/6" PCC, Corps of Engineers Overlay, US Navy Project N62467-74-C-0008 Route/Seal apron & runway joints Project KE-82-0006 Unknown
T06C	Taxiway 5 (Echo)	1942 Unknown 1975	2.0 AC 1.5 AC 2.0 AC	Corps of Engineers Overlay Overlay, Project 73-0036
T07A	Taxiway 6 (Alpha North)	1942 1953 Unknown 1975 1982 1983 2000	2.0 AC 1.0 AC 1.0 AC 2.0 AC 4.0 AC Unknown	Corps of Engineers Overlay and leveling course Overlay Overlay, Project 73-0036 Route/Seal apron and runway joints Project KE-82-0006 Mill 2" existing pavement/replace w/4" AC Project KE-83-0009 Mill and overlay
T08A	Taxiway 6 (Alpha North)	1973 1983 2000	4.5 AC 2.0 AC Unknown	Reconstruction, US Navy – Project N62467-72-C-0398 Mill 2" existing pavement/replace w/4" AC Project KE-83-0009 Mill and Overlay
T09A	Taxiway 6 (Foxtrot)	1973	8.0 PCC	Reconstruction, US Navy – Project N62467-72-C-0398
T10C	Taxiway 1 (Overflow Apron Taxiway)	1942 1968 1975	2.5 AC 2.0 AC	Corps of Engineers Seal coat Overlay, Project KE-73-0036
T11C	Taxiway 1	1942 Unknown 1972	2.0 AC 1.5 AC 2.0 AC	Corps of Engineers Overlay Overlay, Project KE-73-0036
T11C	Taxiway 3 (Charlie)	1974 [e]	7.0 AC	Unknown
Aprons				
A01B	South Warm-up Apron	1973	8.0 PCC	US Navy Project N62467-72C-0398
A02B	Apron Portion of Taxiway 1	1942 1975	2.5 AC 2.0 AC	Corps of Engineers Overlay, Project KE-73-0036
A03B	Aircraft Parking Pads	1981	12.0 PCC	Project KE-79-0017A/B
A04B	Fillet of Taxiway 2 and Parking Apron 2	1973	6.5 AC	US Navy – Project N62467-72-C-0398

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Table 2-1
Construction History
Keesler AFB, MS

Feature	Designations	Construction Period	Type & Thickness (in)	Remarks
Aprons (Continued)				
A05B	Parking Apron 2	1942 1985 [e]	6/8.0 PCC 7.0 PCC	8/6/6/8 " PCC, Corps of Engineers Unknown
A06B	Parking Apron 2	1942 1962 1969 1974	6/8.0 PCC 6.0 PCC	8/6/6/8 " PCC, Corps of Engineers 77 Slabs replaced w/ 8" PCC, reinforced with 6" x 6" x #5 WWF–Project KE-68-2 Seal joints, Project KE-96-9 Overlay, US Navy-Project N62467-74-C-0008
A07B	Taxi lane on Apron 2	1942 1969 1974	6/8.0 PCC 6.0 PCC	8/6/6/8 "PCC, Corps of Engineers Seal Joints, Project KE-96-9 Overlay, US Navy-Project N62467-74-C-0008
A08B	Parking Apron 2	1942 1969 1975	6/8.0 PCC 4.25 AC	8/6/6/8" PCC, Corps of Engineers Seal Joints, Project KE-96-9 Transition Area
A10B	Parking Apron 1	1942 1962 1969 1981 1982 1986 1988	6/8.0 PCC 6.0 PCC 9.0 PCC 9.0 PCC	8/6/6/8" PCC. Corps of Engineers 38 Slabs replaced w/ 8" PCC, reinforced w/ 6" x 6" x #5 WWF – Project KE-68-2. Sealed joints, Project KE-96-9 Repair/Replace broken PCC slabs, KE-79-0024 Route/Seal apron and runway joints Project KE-82-0006 Slab replacement approx 20% replaced KE-83-0008, 86-0030,86-0031 Slab replacement approx 10% replaced Project KE-87-0024
A11B	Nose Dock Access Aprons	1973-1975	12.0 PCC	US Navy Projects N6246-73-C-0259, N62467-74-C-0057, N62467-75-C-0386. Tapers to 8" on sides of non-traffic area
A12A	Taxi lane on Apron 1	1942 1969 1977 1981	6/8.0 PCC 9.0 PCC 8.0 PCC	8/6/6/8" PCC, Corps of Engineers Sealed joints – Project KE-96-9 Replaced 11 slabs Parking Apron Project KE-77-0054 Replaced 18 PCC slabs
A14B	Additional Parking Apron 2	1945 1969 1977 1983	6/8.0 PCC 12.0 PCC 	9/6/6/9" PCC, Corps of Engineers Sealed joints – Project KE-96-9 Remove & replace asphalt, aircraft area USAF Project 77-0054 Replace joint seals, aircraft parking apron, Project KE-83-0007

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Table 2-1
Construction History
Keesler AFB, MS

Feature	Designations	Construction Period	Type & Thickness (in)	Remarks
Aprons (Continued)				
A15B	Aircraft Wash rack	1945 1969 1974	6/9.0 PCC	9/6/6/9" PCC, Corps of Engineers Sealed Joints-Project KE-96-9 12 slabs replaced with 7" PCC with ¼" reinforcing.
A16B	Parking Apron 2 (Roadway)	1942 1969 1982	6/8.0 PCC	8/6/6/8" PCC, Corps of Engineers Seal joints – Project KE-96-9 Route/Seal apron & runway joints, Project KE-82-0006
A17B	Parking Apron 2 (Roadway)	1942 1975	6/8.0 PCC 4.0 AC	8/6/6/8" PCC, Corps of Engineers Overlay
A18B	Parking Apron 2 (Roadway)	1942 1962 1969 1974	6/8.0 PCC 6.0 PCC	8/6/6/8" PCC. Corps of Engineers 77 Slabs replaced w/8" PCC reinforced with 6 x 6 x #5 WWF – Project KE-68-2 Sealed joints – Project KE-68-2 Overlay, US Navy – Project N62467-74-C-0008
A19B	Parking Apron 3 Transition	1952 1969 1977 1979 1970 [e]	8.0 PCC 9.0 PCC 9.0 PCC AC	Corps of Engineers Sealed joints – Project KE-96-9 Remove/Replace 5 PCC slabs, Project KE-77-0054 Repair/Replace 3 PCC slabs at Catch basin, Project KE-79-0043 Transition to old ramp pavement
A20B	Parking Apron 3	1952 1969 1977 1979	8.0 PCC 9.0 PCC 9.0 PCC	Corps of Engineers Sealed joints – Project KE-96-9 Remove/Replace 5 PCC slabs, Project KE-77-0054 Repair/Replace 3 PCC slabs at Catch basin, Project KE-790043
A21B	North Warm-up Apron	1973	8.0 PCC	US Navy Project N62467-72-C-0398
A22C	Hangar Apron	1942 1962 1969 1981 1982 1986 1988	6/8.0 PCC 6.0 PCC 9.0 PCC 9.0 PCC	8/6/6/8.0" PCC, COE 38 slabs replaced with 8" PCC, reinforced with 6X6X#5 WWF, Project KE-68-2 Seal Joints, Project KE-96-9 Repair/replace broken PCC slabs, Project KE-79-0024 Route seal apron and runway joints, Project KE-82-0006 Approximately 20% slabs replaced, Project KE-83-0008 and 86-0031 Approximately 10% slabs replaced, Project KE-88-0024

Table 2-1
Construction History
Keesler AFB, MS

Feature	Designations	Construction Period	Type & Thickness (in)	Remarks
Aprons (Continued)				
A23B	Maintenance Apron	1988	11.5 PCC	Unknown
A24C	Hangar Access	1942	6/8.0 PCC	8/6/6/8.0" PCC, COE
		1962		38 slabs replaced with 8" PCC, Reinforced with 6"X6"X#5 WWF, Project KE-68-2
		1969		Seal joints, Project KE-96-9
		1981	6.0 PCC	Repair/replace broken PCC slabs, KE-79-0024
		1982		Route and seal apron and runway joints, Project KE-82-0006
		1986	9.0 PCC	Slab replacement, approx. 20% replaced, KE-83-0008, 86-0031
		1988	9.0 PCC	Slab replacement, approx. 10% replaced, KE-87-0024
A25C	Hangar Apron	1942	6/8.0 PCC	8/6/6/8.0" PCC, COE
		1962		38 slabs replaced with 8" PCC, Reinforced with 6"X6"X#5 WWF, Project KE-68-2
		1969		Seal joints, Project KE-96-9
		1981	6.0 PCC	Repair/replace broken PCC slabs, KE-79-0024
		1982		Route and seal apron and runway joints, Project KE-82-0006
		1986	9.0 PCC	Slab replacement, approx. 20% replaced, KE-83-0008, 86-0031
		1988	9.0 PCC	Slab replacement, approx. 10% replaced, KE-87-0024
A26A	Maintenance Apron Taxiway	1989	11.75 PCC	Unknown
A27B	Alpha Apron South Spot 12	1942	6/8.0 PCC	8/6/6/8.0" PCC, COE
		1962		77 slabs replaced with 8" PCC, Reinforced with 6"X6"X#5 WWF, Project KE-68-2
		1969		Seal joints, Project KE-96-9
		1974	6.0 PCC	Overlay, US Navy – Project N62467-74-C-0008
A28D	South warm-up Apron Shoulder	1985 [e]	Unknown	Unknown
A29D	North warm-up Apron Shoulder	1985 [e]	Unknown	Unknown

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CHAPTER 3
CONDITION SURVEY
AND
ENGINEERING ASSESSMENT

Pavement Condition Index Survey Procedure

A pavement condition survey is a visual inspection of the airfield pavements to determine their present surface condition and provide input for the MicroPAVER pavement management program. The condition survey consists of inspecting the pavement surfaces for the various types of distresses, determining the severity level of each distress, and measuring the quantity of each distress.
The Pavement Condition Index (PCI) value is a numerical indicator based on a scale from zero (failed) to 100 (perfect, no distresses) that reflects the surface condition of the pavement. The PCI scale is shown in Figure 3-1. The distress types and definitions, distress severity levels, method of survey, and PCI calculation are described in, "Standard Test Method for Airport Pavement Condition Index Surveys," ASTM 5340-93. The PCI is a significant factor in computation of the EA ratings.

Pavement Definition and Identification

The airfield pavement facilities were divided into features based on the pavement type, construction history, and usage. The feature designations used in this condition survey report are in general agreement with the Airfield Pavement Evaluation Report prepared by AFCESA, dated October 2000.

After each pavement feature has been defined, further subdivision may be required. Features can be divided into sections that identify changes due to use, location, or for convenience in surveying. An example is separating the runway keel section (primary traffic lane) from outside the traffic lanes. Sample units are subdivisions of a feature/section used exclusively to facilitate the inspection process and reduce the effort needed to determine distress quantities and the PCI. The typical sample unit size for an asphalt concrete (AC) pavement feature is 5,000 sq. ft ± 1,000 sq. ft. Sample units on portland cement concrete (PCC) pavement features contain 20 slabs with an allowable variation of ± 8 slabs. In a few instances, the size of sample units varied due to circumstances that dictated such a departure. Inspection of all the sample units within a feature can require a considerable amount of time; therefore, a statistical sampling technique is used to determine the number of sample units to be inspected to provide a 95% confidence level, as described in ASTM-5340-93.

An essential concept in pavement management is determining the deterioration of the pavement surface over time. The PCI is used in the MicroPAVER program to aid in determining the deterioration. Determining the PCI of a pavement feature at different time intervals requires that the same sample units on the feature be surveyed to accurately evaluate the deterioration rate. Drawings of each pavement feature have been included in this report to illustrate the locations of the sample units that were surveyed within each feature to ensure that future condition surveys are conducted at these same locations. The feature identifications and locations at KAFB are shown in Figure 3-2. Figure 3-3 provides an index of the individual drawings of sample unit locations for each pavement feature. Circled numbers on Figures 3-4 through 3-7 identify the sample units surveyed at KAFB.

The Keesler Air Force Base (KAFB) primary, secondary and tertiary pavements designations are shown in Table 3-1 and on Figure 3-8. The critical PCI (i.e., the PCI at which maintenance or repair

activities are indicated) for primary pavements is 70. The critical PCI for secondary and tertiary pavements is 55.

Table 3-1
KAFB, Pavement Ranking Assignments

Facility	Primary	Secondary	Tertiary
Runway	03/21	None	None
Overruns	Keel and Turnaround	Overrun Edges	None
Taxiways	Taxiway 2 (Alpha South & Bravo), Taxiway 6 (Alpha Center, Alpha North and Foxtrot)	Taxiways 2 & 3 (Charlie), Taxiway 5 (Echo), 1 (Overflow Apron Taxiway) and Taxiway 1	None
Aprons	Filet, Taxiway 2 & Parking Apron, Parking Apron 2,Taxilane, Apron 1, Alpha Apron South, Parking Apron 2, Parking Apron 3 Transition, (A25B) Hangar Apron, Maintenance Apron Taxiway and Alpha Apron	North and South Warm-up Aprons, Overflow Apron, Aircraft Parking Pads, Parking Apron 1, Nose Dock Access, Additional Parking Apron 2, (A22C, & A24C) Hangar Aprons, (A23B) Maintenance Apron	Wash-rack
Shoulders	None	None	North & South Warm-up

Condition Survey Results

The distress data collected during the survey were entered into the MicroPAVER database to determine the PCI value for each sample unit surveyed and an overall PCI rating for each feature. MicroPAVER reports showing the inspection data entered and inspection results are provided in the appendixes.

A summary of the condition survey results at KAFB is shown in Table 3-2, and color-coded illustrations of the PCI rating for each feature are shown in Figure 3-9.

Table 3-2
KAFB, Airfield Use and Area with Weighted PCI

Facility	Pavement Area, sq. ft	Pct Area	Weighted PCI
Runway 03/21	846,090	22	70
Overruns	301,148	8	79
Taxiways	699,101	18	72
Aprons	1,999,861	51	62
Shoulders	47,975	1	56
Overall	3,894,174	100	67

The airfield pavements at KAFB consisted of 40% AC and 60% PCC.

The pavement condition survey identified some area of the airfield pavement features requiring repair and reconstruction. These areas are discussed in detail in Chapter 4.

Runway 03/21. As indicated in Table 3-2, Runway 03/21 accounts for 22% of the airfield pavements at KAFB with an area weighted PCI of 70. The average age of these pavements is 27 years. Table 3-3 presents the PCI distribution.

Table 3-3 PCI Range for Runway with Number of Sections & Percent of Runway Area		
PCI Range	**Number of Sections**	**Percent of Area**
70-100	10	34
55-69	11	36
0-54	3	30

Distresses noted on the PCC paved sections of Runway 03/21 were low- to high-severity longitudinal, transverse, and diagonal cracking, medium-severity scaling, low- to medium-severity joint and corner spalling and corner breaks, and low-severity joint seal damage. Distresses noted on the AC paved section were low- to high-severity patching and depressions, medium-severity swelling, low- to medium-severity longitudinal and transverse cracking, block cracking, and weathering, and low-severity slippage cracking.

Taxiways. As indicated in Table 3-2, taxiways account for 18% of the airfield pavements at KAFB with an area weighted PCI of 72. The average age of these pavements is 21 years. Table 3-4 presents the PCI distribution.

Table 3-4 PCI Range for Taxiways with Number of Sections & Percent of Taxiway Area		
PCI Range	**Number of Sections**	**Percent of Area**
70-100	6	59
55-69	1	5
0-54	10	36

Distresses noted on the PCC paved sections of the taxiways were low- to high-severity corner spalling, low- to medium-severity patching and joint spalling, and low-severity longitudinal, transverse and diagonal cracking, joint seal damage, and corner breaks. Distresses noted on the AC paved sections of the taxiways were low- to high-severity patching, medium-severity depressions, low- to medium-severity block cracking and weathering, and low-severity longitudinal and transverse cracking, joint reflection cracking, alligator cracking, and swelling.

Aprons. As indicated in Table 3-2, aprons account for 51% of the airfield pavements at KAFB with an area weighted PCI of 63. The average age of these pavements is 26 years. Table 3-5 presents the PCI distribution.

Table 3-5 PCI Range for Aprons with Number of Sections & Percent of Apron Area		
PCI Range	**Number of Sections**	**Percent of Area**
70-100	17	59
55-69	4	3
0-54	18	37

Distresses noted on the apron PCC paved sections of the aprons were low- to high-severity joint seal damage, longitudinal, transverse, and diagonal cracking, patching, joint and corner spalling, corner breaks, shattered slabs, and scaling, and low- to medium-severity faulting. Distresses noted on the AC paved sections of the aprons were medium-severity depressions and shoving, low- to medium-severity block cracking and weathering, longitudinal and transverse cracking, and joint reflection cracking, and low-severity patching.

Shoulders. As indicated in Table 3-2, shoulders account for 1% of the airfield pavements at KAFB with an area weighted PCI of 56. The average age of these pavements is 16 years. The condition distribution is shown in Table 3-6.

Table 3-6
PCI Range for Shoulders with Number of Sections & Percent of Shoulders Area

PCI Range	Number of Sections	Percent of Area
65-100	0	0
40-64	2	100
0-39	0	0

Distresses noted on the AC paved shoulders were high-severity depressions, medium-severity patching, low- to medium-severity longitudinal and transverse cracking, and low-severity weathering and block cracking.

Overruns. As indicated in Table 3-2, Overruns account for 8% of the airfield pavements at KAFB with an area weighted PCI of 79. The average age of these pavements is 23 years. Table 3-7 presents the PCI distribution.

Table 3-7
PCI Range for Overruns with Number of Sections & Percent of Overruns Area

PCI Range	Number of Sections	Percent of Area
70-100	6	60
55-69	2	20
0-54	2	20

Distresses noted on the PCC paved sections of the overruns were low- to high-severity longitudinal, transverse, and diagonal cracking, low- to medium-severity joint and corner spalling, and low-severity joint seal damage and corner breaks. Distresses noted on the AC paved section were low- to medium-severity block cracking, and longitudinal and transverse cracking, and low-severity weathering and patching.

All Pavements. As indicated in Table 3-2, the overall area weighted PCI is 67. PCC pavements make up 60% of the total airfield pavements and have an average age of 26 years. AC pavements make up 40% of the airfield pavements and have an average age of 20 years. Primary pavements comprise 70% of the pavements, and the average weighted PCI is 73. Secondary pavements constitute 29% of the pavements, and the average weighted PCI is 53. Tertiary pavements constitute 1% of the pavements, and the average weighted PCI is 50. The condition distribution is shown in Table 3-8.

Table 3-8
PCI Range for Overall Airfield with Number of Sections & Percent of Total Area

PCI Range	Number of Sections	Percent of Area
70-100	37	52
55-69	19	12
0-54	36	36

Table 3-9 presents the facility/feature/section summary for the airfield pavements at KAFB. This table gives dimensions of sections, pavement area, number of slabs, number of samples, number of samples surveyed, and the distress density.

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Overrun					Runway 03/21
Feature/Section	R01A-01	R01A-02	R01A-03	R02C-01	R02C-02	R03A-01
Surface Type	PCC	PCC	PCC	AC	AC	PCC
Length, ft	200	1,005	200	810.3	810.3	600
Width, ft	37.5	75	37.5	37.5	37.5	37.5
Area, sq. ft.	7,500	75,375	7,500	30,386.25	30,386.25	22,500
Slab Length, ft	12.5	12.5	12.5	NA	NA	12.5
Slab Width, ft	15	15	15	NA	NA	15
Number of Slabs	41	402	41	NA	NA	120
Total Samples	2	17	2	6	6	6
Samples Surveyed	2	12	2	6	6	6
Average PCI	95	96	97	54	58	97

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																		
Bleeding																		
Block Cracking										86	3		19					
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking													2	2				
Oil Spillage																		
Patching													2					
Polished Aggregate																		
Ravel/Weathering										100			98					
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break				1			2											
L/T Cracking	2																	
"D" Cracking																		
Joint Seal Damage																68		
Small Patch				1	1													
Large Patch																		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage				1														
Joint Spalling	9			4	1		2									3		
Corner Spalling				3	1											3		

(Page 1 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Runway 03/21																	
Feature/Section	R03A-02			R03A-03			R04A-01			R04A-02			R04A-03			R05C-01		
Surface Type	PCC			PCC			PCC			AC			AC			AC		
Length, ft	600			600			400			400			400			2,275.56		
Width, ft	75			37.5			37.5			75			37.5			37.5		
Area, sq. ft.	45,000			22,500			15,000			30,000			15,000			85,333.5		
Slab Length, ft	12.5			12.5			NA			NA			NA			NA		
Slab Width, ft	15			15			NA			NA			NA			NA		
Number of Slabs	240			120			NA			NA			NA			NA		
Total Samples	10			6			3			6			3			15		
Samples Surveyed	10			6			3			6			3			10		
Average PCI	98			96			57			57			78			63		
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking							14			17			4			22	4	
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking							7	1		8	3		3	2		4	1	
Oil Spillage																		
Patching																		
Polished Aggregate																6	2	
Ravel/Weathering							100			62								
Rutting																		
Shoving																		
Slippage																		
Swell																		
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break																		
L/T Cracking					1													
"D" Cracking																		
Joint Seal Damage																		
Small Patch	1	1																
Large Patch																		
Popouts																		
Pumping																		
Scaling					1													
Settlement																		
Shattered Slab																		
Shrinkage				1														
Joint Spalling	3			2														
Corner Spalling	1																	

(Page 2 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Runway 03/21																	
Feature/Section	R05C-02			R05C-03			R06C-01			R06C-02			R06C-03			R07C-01		
Surface Type	AC			AC			AC			AC			AC			AC		
Length, ft	2,243.11			2,210.66			69.28			69.28			69.28			465.63		
Width, ft	75			37.5			37.5			75			37.5			37.5		
Area, sq. ft.	168,233.25			82,899.75			2,598			5,196			2,598			17,461.13		
Slab Length, ft	NA			NA			NA			NA			NA			NA		
Slab Width, ft	NA			NA			NA			NA			NA			NA		
Number of Slabs	NA			NA			NA			NA			NA			NA		
Total Samples	30			15			1			1			1			4		
Samples Surveyed	11			10			1			1			1			4		
Average PCI	55			55			79			66			51			58		
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking	26			5						29						16	9	
Corrugation																		
Depression	1																	
Jet Blast																		
Joint Reflection																		
L/T Cracking	8	1		3	6		6	2		10			9	15		4	1	
Oil Spillage																		
Patching																2		
Polished Aggregate																		
Ravel/Weathering	100			100												17		
Rutting																		
Shoving																		
Slippage																		
Swell																		
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break																		
L/T Cracking																		
"D" Cracking																		
Joint Seal Damage																		
Small Patch																		
Large Patch																		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage																		
Joint Spalling																		
Corner Spalling																		

(Page 3 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	**Runway 03/21**																	
Feature/Section	R07C-02			R07C-03			R08C-01			R08C-02			R08C-03			R09C-01		
Surface Type	AC			AC			AC			AC			AC			AC		
Length, ft	498.08			531.04			750			750			750			80		
Width, ft	75			37.5			37.5			75			37.5			37.5		
Area, sq. ft.	37,356			19,914			28,125			56,250			28,125			3,000		
Slab Length, ft	NA			NA			NA			NA			NA			NA		
Slab Width, ft	NA			NA			NA			NA			NA			NA		
Number of Slabs	NA			NA			NA			NA			NA			NA		
Total Samples	7			4			5			10			5			1		
Samples Surveyed	7			4			5			10			5			1		
Average PCI	56			63			73			56			61			74		
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking	37									41								
Corrugation																		
Depression			2															
Jet Blast																		
Joint Reflection																		
L/T Cracking	3	3		4	7		6	2		5	1		5	4		6	1	
Oil Spillage																		
Patching				2														
Polished Aggregate																		
Ravel/Weathering	45						10			100			100			10		
Rutting																		
Shoving																		
Slippage																		
Swell																		
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break																		
L/T Cracking																		
"D" Cracking																		
Joint Seal Damage																		
Small Patch																		
Large Patch																		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage																		
Joint Spalling																		
Corner Spalling																		

(Page 4 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Runway 03/21															Overrun		
Feature/Section	R09C-02			R09C-03			R10A-01			R10A-02			R10A-03			R11C-01		
Surface Type	AC			AC			PCC			PCC			PCC			AC		
Length, ft	80			80			1,000			1,000			1,000			800		
Width, ft	75			37.5			37.5			75			37.5			37.5		
Area, sq. ft.	6,000			3,000			37,500			75,000			37,500			30,000		
Slab Length, ft	NA			NA			12.5			12.5			12.5			NA		
Slab Width, ft	NA			NA			12.5			12.5			12.5			NA		
Number of Slabs	NA			NA			240			480			240			NA		
Total Samples	1			1			10			12			10			6		
Samples Surveyed	1			1			10			12			10			6		
Average PCI	66			67			98			95			95			41		
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking																51	37	
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking		5		10														
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering	100			100												100		
Rutting																		
Shoving																		
Slippage																		
Swell																		
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break										1			2	1				
L/T Cracking							1			1	1		1					
"D" Cracking																		
Joint Seal Damage										9								
Small Patch							1			4	1							
Large Patch													4					
Popouts																		
Pumping																		
Scaling														1				
Settlement																		
Shattered Slab																		
Shrinkage										1								
Joint Spalling							1			2				1				
Corner Spalling							1			1	1							

(Page 5 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Overrun				Taxiway 2 (Alpha South & Bravo)	
Feature/Section	R11C-02	R12A-01	R12A-02	R12A-03	T01A-01	T01A-02
Surface Type	AC	PCC	PCC	PCC	PCC	PCC
Length, ft	800	200	1,000	200	1,092	783
Width, ft	37.5	37.5	75	37.5	75	75
Area, sq. ft.	30,000	7,500	75,000	7,500	81,900	58,725
Slab Length, ft	NA	15	15	15	15	15
Slab Width, ft	NA	12.5	12.5	12.5	12.5	12.5
Number of Slabs	NA	41	400	38	437	313
Total Samples	6	2	17	2	18	15
Samples Surveyed	6	2	12	2	13	11
Average PCI	63	100	93	100	89	94

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																		
Bleeding																		
Block Cracking	15																	
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking	11																	
Oil Spillage																		
Patching	1																	
Polished Aggregate																		
Ravel/Weathering	56																	
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break																2		
L/T Cracking							1	1	1				8			2		
"D" Cracking																		
Joint Seal Damage							9						23					
Small Patch							3	1		3			1					
Large Patch							1	1								1		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage							2						1					
Joint Spalling							1						7	1		5		
Corner Spalling							2						2	1	1	2	1	

(Page 6 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Taxiway 3 (Charlie)									Taxiway 4 (Delta)			Taxiway 6 (Alpha Center)			Taxiway 5 (Echo)		
Feature/Section	T02C-01			T03C-01			T03C-02			T04C-01			T05A-01			T06C-01		
Surface Type	AC			AC			AC			AC			AC			AC		
Length, ft	314.31			93.5			203.64			453.13			1,486.37			420.58		
Width, ft	100			30			100			75			75			50		
Area, sq. ft.	31,431			2,805			20,364			33,394.75			11,477.75			21,029		
Slab Length, ft	NA			NA			NA			NA			NA			NA		
Slab Width, ft	NA			NA			NA			NA			NA			NA		
Number of Slabs	NA			NA			NA			NA			NA			NA		
Total Samples	7			1			4			8			20			4		
Samples Surveyed	7			1			4			8			11			4		
Average PCI	79			42			42			64			45			54		
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking										5			90	6		100		
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection													19					
L/T Cracking	8				100			100		7								
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering				100			100			96	4		100			100		
Rutting																		
Shoving																		
Slippage																		
Swell																		
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break																		
L/T Cracking																		
"D" Cracking																		
Joint Seal Damage																		
Small Patch																		
Large Patch																		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage																		
Joint Spalling																		
Corner Spalling																		

(Page 7 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Taxiway 5 (Echo)	Taxiway 6 (Alpha North)		Taxiway 6 (Foxtrot)	Taxiway 1 (Apron Overflow)	Taxiway 1
Feature/Section	T06C-02	T07A-01	T08A-01	T09A-01	T10C-01	T11C-01
Surface Type	AC	AC	AC	PCC	AC	AC
Length, ft	30	1,750.95	87.43	766.42	1,470.08	422.91
Width, ft	85.2	100	100	75	37.5	50
Area, sq. ft.	2,556	175,095	8,743	57,481.50	55,128	21,145.50
Slab Length, ft	NA	NA	NA	15	NA	NA
Slab Width, ft	NA	NA	NA	12.5	NA	NA
Number of Slabs	NA	NA	NA	307	NA	NA
Total Samples	1	12	2	14	10	4
Samples Surveyed	1	12	2	10	10	4
Average PCI	25	98	100	90	25	36

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																13		
Bleeding																		
Block Cracking		100												100		61		
Corrugation																		
Depression				1														
Jet Blast																		
Joint Reflection																		
L/T Cracking																1		
Oil Spillage																		
Patching																4	1	3
Polished Aggregate																		
Ravel/Weathering		100												100		100		
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break										2								
L/T Cracking																		
"D" Cracking																		
Joint Seal Damage																		
Small Patch										1	1							
Large Patch										1								
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage										1								
Joint Spalling										13	2							
Corner Spalling										4	1							

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Taxiway 1			Taxiway 2 (Charlie)						Warm-up Apron						Overflow Apron		
Feature/Section	T11C-02			T12C-01			T12C-02			A01B-01			A21B-01			A02B-01		
Surface Type	AC			AC			AC			PCC			PCC			PCC		
Length, ft	36.38			94.27			204			604			561			1,414		
Width, ft	80.30			22			60			130			130			37.5		
Area, sq. ft.	2,921.31			2,037.98			12,240			78,520			72,930			53,025		
Slab Length, ft	NA			NA			NA			15			15			NA		
Slab Width, ft	NA			NA			NA			12.5			12.5			NA		
Number of Slabs	NA			NA			NA			419			389			NA		
Total Samples	1			1			3			21			20			10		
Samples Surveyed	1			1			3			14			13			10		
Average PCI	25			25			20			97			98			24		
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking		100			100			100									100	
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking																		
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering		100			100			100									100	
Rutting																		
Shoving																		
Slippage																		
Swell							18											
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break										1			1					
L/T Cracking													1					
"D" Cracking																		
Joint Seal Damage										7								
Small Patch										1								
Large Patch													1					
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage																		
Joint Spalling										4	1		1					
Corner Spalling										2			1					

(Page 9 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Overflow Apron				Aircraft Parking Pads	
Feature/Section	A02B-02	A02B-03	A02B-04	A02B-05	A03B-01	A03B-02
Surface Type	AC	AC	AC	AC	PCC	PCC
Length, ft	25	150	150	335	160	160
Width, ft	75	75	75	75	75	75
Area, sq. ft.	1,875	11,250	11,250	25,125	12,000	12,000
Slab Length, ft	NA	NA	NA	NA	16	16
Slab Width, ft	NA	NA	NA	NA	12.5	12.5
Number of Slabs	NA	NA	NA	NA	60	60
Total Samples	1	2	2	5	3	3
Samples Surveyed	1	2	2	5	3	3
Average PCI	25	25	25	29	98	99

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																		
Bleeding																		
Block Cracking		100			100			100			100							
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking																		
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering		100			100			100		10	89							
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break																		
L/T Cracking																		
"D" Cracking																		
Joint Seal Damage													60			40		
Small Patch																		
Large Patch																		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage													2					
Joint Spalling																		
Corner Spalling																		

(Page 10 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Aircraft Parking Pads		Filet, Taxiway 2 Parking Apron	Parking Apron 2		
Feature/Section	A03B-03	A03B-04	A04B-01	A05B-01	A05B-02	A06B-01
Surface Type	PCC	PCC	AC	AC	AC	PCC
Length, ft	160	160	121	1,239	300.7	378.11
Width, ft	75	75	42	40	40	299.22
Area, sq. ft.	12,000	12,000	5,082	49,560	12,028	113,138.08
Slab Length, ft	16	16	NA	NA	NA	10
Slab Width, ft	12.5	12.5	NA	NA	NA	12.5
Number of Slabs	60	60	NA	NA	NA	905
Total Samples	3	3	1	13	2	46
Samples Surveyed	3	3	1	10	2	22
Average PCI	97	95	37	43	40	81

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																		
Bleeding																		
Block Cracking							50	50		90	11		81	20				
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection										15			7					
L/T Cracking							2											
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering							100			100			100					
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break																3	1	
L/T Cracking																18	1	
"D" Cracking																		
Joint Seal Damage	100			20	80											22	5	
Small Patch																2		
Large Patch																1		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage																1		
Joint Spalling	3															5		
Corner Spalling																2		

(Page 11 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Parking Apron 2									Taxi-lane on Apron 2						Parking Apron 1		
Feature/Section	A06B-02			A08B-01			A18B-01			A07A-01			A07A-02			A10B-01		
Surface Type	PCC			AC			PCC			PCC			PCC			PCC		
Length, ft	35.64			50			1,105			81.05			224.76			779		
Width, ft	64			201.75			160			38			40			400		
Area, sq. ft.	2,280.96			10,087.50			176,800			3,079.90			8,990.4			311,600		
Slab Length, ft	10			NA			12.5			10			10			25		
Slab Width, ft	12.5			NA			10			12.5			12.5			10		
Number of Slabs	21			NA			1,414			28			72			1,246		
Total Samples	1			2			61			2			4			71		
Samples Surveyed	1			2			27			2			4			23		
Average PCI	80			24			78			68			65			39		
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking				25														
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection					10													
L/T Cracking					4													
Oil Spillage																		
Patching				1														
Polished Aggregate																		
Ravel/Weathering					100													
Rutting																		
Shoving																		
Slippage																		
Swell																		
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break							2	1			4	4	5			2	1	1
L/T Cracking	19	5					18	3		4	7	4	35	5		11	29	9
"D" Cracking																		
Joint Seal Damage							15						27				6	77
Small Patch							1	1					1			2	1	
Large Patch							1									1	1	
Popouts																		
Pumping																		
Scaling																1		1
Settlement													7			1		
Shattered Slab							1	1						1		2	1	1
Shrinkage							3						1			2		
Joint Spalling							5	1					3			3	1	1
Corner Spalling							2	1								2	1	

(Page 12 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Parking Apron 1	Nose Dock Access Apron		Taxi-lane on Apron 1	Additional Parking Apron 2	
Feature/Section	A10B-02	A11B-01	A11B-02	A12A-01	A14B-01	A14B-02
Surface Type	PCC	PCC	PCC	PCC	PCC	PCC
Length, ft	600	162.3	162.3	625	363.50	325
Width, ft	28.25	24.25	24.25	37.6	29	290
Area, sq. ft.	16,950	3,935.78	3935.78	23,500	10,541.50	94,250
Slab Length, ft	25	40	40	25	40	15
Slab Width, ft	10	24.25	24.25	10	14	12.5
Number of Slabs	68	6	6	94	19	503
Total Samples	7	1	1	10	1	25
Samples Surveyed	7	1	1	10	1	15
Average PCI	80	46	78	70	32	90

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																		
Bleeding																		
Block Cracking																		
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking																		
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering																		
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break	6									3	1	1	5			1	1	
L/T Cracking	2	3					70			1	2	2	47	11		2		
"D" Cracking												100						
Joint Seal Damage	15	73								2	2				100	21	13	
Small Patch	1									1			5			1	1	
Large Patch																2	1	
Popouts																		
Pumping																		
Scaling																		
Settlement		1								3								
Shattered Slab				83									5					
Shrinkage													16			2		
Joint Spalling	2	1								5	2		37	16	16	3	1	1
Corner Spalling		1								5	3	1	11			2	1	

(Page 13 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Aircraft Wash-rack	Alpha Apron South		Parking Apron 3 Transition	Parking Apron 3	Hangar Apron
Feature/Section	A15B-01	A17B-01	A17B-02	A19B-01	A20B-01	A22C-01
Surface Type	PCC	AC	AC	AC	PCC	PCC
Length, ft	113.04	1,122.7	428.38	212.6	1,785	325
Width, ft	142.50	40	132.	55	220	196
Area, sq. ft.	16,108.2	44,908	56,545.9	11,693	392,700	63,700
Slab Length, ft	25	NA	NA	NA	20	25
Slab Width, ft	12.5	NA	NA	NA	12.5	10
Number of Slabs	52	NA	NA	NA	1,571	255
Total Samples	4	11	12	3	69	13
Samples Surveyed	4	8	8	3	21	10
Average PCI	31	44	27	36	74	9

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																		
Bleeding																		
Block Cracking				8						82								
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection					14			12										
L/T Cracking					2			4			13							
Oil Spillage																		
Patching																		
Polished Aggregate								100		96								
Ravel/Weathering				100														
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break	2	4											1	1	1			
L/T Cracking	15	6	2										8	4	1	5	28	54
"D" Cracking																		
Joint Seal Damage		51											4	45	35		10	80
Small Patch													1			9	1	
Large Patch	6	2											2	1				1
Popouts																		
Pumping																		
Scaling																		
Settlement													2	1			1	
Shattered Slab	34	11											1	1		2	4	1
Shrinkage	2												7			2		
Joint Spalling	2	2											2					
Corner Spalling	2		2										1	1				

(Page 14 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Hangar Access		Hangar Apron	Maintenance Apron	Maintenance Apron Taxiway	Alpha Apron
Feature/Section	A24C-01	A24C-02	A25B-01	A23B-01	A26A-01	A27B-01
Surface Type	PCC	PCC	PCC	PCC	PCC	PCC
Length, ft	325	125	625	225	300	140
Width, ft	196	19.02	201.75	140	68	160
Area, sq. ft.	63,700	2,377.6	126,096.75	31,500	20,400	22,400
Slab Length, ft	25	25	25	25	12.5	12.5
Slab Width, ft	10	10	10	10	10	10
Number of Slabs	255	13	504	126	168	178
Total Samples	10	1	52	12	8	8
Samples Surveyed	10	1	22	10	8	8
Average PCI	16	81	78	99	96	67

AC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Alligator Cracking																		
Bleeding																		
Block Cracking																		
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking																		
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering																		
Rutting																		
Shoving																		
Slippage																		
Swell																		

PCC Distress Density, Percent

Severity Level	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Blow-up																		
Corner Break							3									4	1	
L/T Cracking	2	47	34	38			3	6								31	2	
"D" Cracking																		
Joint Seal Damage			100				10	46	24				75			40		
Small Patch			1				2									1		
Large Patch		1					1									7		
Popouts																		
Pumping																		
Scaling																		
Settlement							1											
Shattered Slab	2	2	1				1									4	2	
Shrinkage	2						1									17		
Joint Spalling	2	1	1				4	1			1		5			1		
Corner Spalling	1	1	1				2	1		1			1					

(Page 15 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Table 3-9
Facility Feature/Section Summary, Keesler AFB, MS

Facility	Warm-up Apron (South Shoulder)			Warm-up Apron (North Shoulder)														
Feature/Section	A28D-01			A29D-01														
Surface Type	AC			AC														
Length, ft	982			937														
Width, ft	25			25														
Area, sq. ft.	24,550			23,425														
Slab Length, ft	NA			NA														
Slab Width, ft	NA			NA														
Number of Slabs	NA			NA														
Total Samples	5			5														
Samples Surveyed	5			5														
Average PCI	53			59														
AC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Alligator Cracking																		
Bleeding																		
Block Cracking				47														
Corrugation																		
Depression																		
Jet Blast																		
Joint Reflection																		
L/T Cracking	2	8		4	4													
Oil Spillage																		
Patching																		
Polished Aggregate																		
Ravel/Weathering	99		1															
Rutting																		
Shoving																		
Slippage																		
Swell																		
PCC Distress Density, Percent																		
Severity Level	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**	**L**	**M**	**H**
Blow-up																		
Corner Break																		
L/T Cracking																		
"D" Cracking																		
Joint Seal Damage																		
Small Patch																		
Large Patch																		
Popouts																		
Pumping																		
Scaling																		
Settlement																		
Shattered Slab																		
Shrinkage																		
Joint Spalling																		
Corner Spalling																		

(Page 16 of 16) (NA: Not Applicable) (L: Low Severity, M: Medium Severity, H: High Severity)

Engineering Assessment

The Engineering Assessment (EA) rating identifies the airfield pavements' ability to support the mission aircraft. The basic elements of the EA are the PCI, FOD, ACN/PCN, and skid/hydroplaning potential. EA ratings of Adequate, Degraded, or Unsatisfactory are assigned to each feature based on the criteria in Table 3-10.

Table 3-10
Engineering Assessment Criteria Summary

Engineering Assessment	Area Weighted PCI	Skid/Hydroplaning Potential Friction (Mu) Measurements (Runways Only)	Area Weighted ACN/PCN	FOD Potential
Adequate	PCI=100 and PCI≥70	Mu-meter (40 mph) or > 0.52 Mu-meter (60 mph) or > 0.38 Grip tester® (40 mph) or > 0.53 Grip tester® (60 mph) or > 0.36	ACN/PCN<1.25 or 1.25≤ACN/PCN<1.50 and Weighted PCI ≥ 70	Density <1% or low-severity FOD or Medium-severity FOD distresses, density >1% and PCI ≥80
Degraded	PCI≤69 and PCI≥55	Mu-meter (40 mph) > 0.42 Mu-meter (60 mph) > 0.26 Grip tester® (40 mph) > 0.43 Grip tester® (60 mph) > 0.24 for distance of 1,000 ft or more	1.25≤ACN/PCN<1.50 and Weighted PCI <70 or ACN/PCN ≥ 1.50 And Weighted PCI ≥70	Medium-severity FOD density > 1% and PCI <80 or High-severity FOD distresses, density >1% and PCI ≥80
Unsatisfactory	PCI<55	Mu-meter (40 mph) or < 0.42 Mu-meter (60 mph) or < 0.26 Grip tester® (40 mph) or < 0.43 Grip tester® (60 mph) or < 0.24 for distance of 500 ft or more	ACN/PCN ≥ 1.50 and Weighted PCI <70	High-severity FOD distress density >1% and PCI <80

The following exceptions for the structural deficiency of the pavement apply:

- If the weighted PCI is 90 or higher, do not use structural deficiency to compute the EA rating.
- If the ACN/PCN ratios exceed 3, assign 3 as the ACN/PCN ratio.
- If the ACN/PCN ratio is greater or equal to 2 and the weighted PCI is less than 70, rate the section Unsatisfactory regardless of any other criteria.

FOD potential is based on pavement distresses from the PCI survey that will result in broken pieces of pavement and particles. In order for the FOD potential to rate as Degraded or Unsatisfactory, the distresses must have a density greater than 1% (as determined by MicroPAVER).

Distresses capable of producing FOD are:

PCC Pavement: Blow-up, corner break, pop outs, scaling, joint and corner spalling, patching, shattered slabs, longitudinal, transverse, diagonal, and durability cracking, and high-severity joint seal damage.

AC Pavement: Alligator cracking, longitudinal, and transverse cracking, block cracking, jet blast erosion, joint reflection cracking, oil spillage, slippage cracking, shoving, and raveling and weathering.

The skid/hydroplaning potential friction (Mu) measurements were determined from the AFCESA Runway Friction Characteristics Evaluation report, dated March 1991.

The ACN/PCN values for KAFB reporting the pavement structures strength were obtained from the AFCESA Airfield Pavement Evaluation Report, dated October 2000. These values are based upon group 11 aircraft (C-17) at 50,000 passes. A pavement will support operations of an aircraft if the PCN is equal to or greater than the ACN. If the PCN is less than the ACN, the pavement structure will be overloaded.

Color-coded drawings of the FOD potential, skid/hydroplaning potential, and ACN/PCN ratios for KAFB are presented in Figures 3-10, 3-11, and 3-12, respectively.

Table 3-11 presents the EA ratings at KAFB for each feature/section as modified using the Air Education and Training Command EA assessment criteria. Figure 3-13 presents a color-coded drawing.

Table 3-12 presents the EA rating at KAFB by facility, and Table 3-13 presents the airfield EA rating summary.

Photographs 1 through 18 show typical pavement conditions that were observed on the airfield pavements at KAFB. The locations of the photographs are shown in Figure 3-14.

MicroPAVER Database Implementation

The condition survey data were entered into MicroPAVER, Version 4.2. The database name is "Keesler." The files are included on a compact disc provided with this report. This report does not describe the use of either the computer or the MicroPAVER program; however, specific details are provided in the "MicroPAVER User's Guide" for setting up and using MicroPAVER. The basic requirements for accessing the database is to import the database files using MicroPAVER "Database Management Tools" utilities into the MicroPAVER directory and then select the "Keesler" database from within MicroPAVER.

The following reports were generated from the completed MicroPAVER database and are provided in appendixes.

Branch Condition Report. This report provides a comprehensive list of pavement branches/features and all associated data: feature numbers, feature name, feature use, section length and width, feature area, and number of sections in each feature, with average and weighted PCI. This report is presented in appendix A.

Section Condition Report. The report gives the current PCI of each section, as well as last construction date, last inspection date, and age. This report is presented in appendix B.

Inspection Report. This comprehensive report gives a summary of each sample unit surveyed, overall PCI for the section, number of sample units, standard deviation of PCI for sample units, distress causes, and so on. This report is presented in appendix C.

Table 3-11
Engineering Assessment Ratings by Pavement Feature/Section
Keesler Air Force Base, Mississippi

Feature/ Section	Identification	PCI	FOD	SKID	ACN/PCN Ratio	EA
Runway 03/21						
R03A-01	Runway 03/21	97 (Low)	Low	High	1.82 (Low**)	Unsatisfactory
R03A-02	Runway 03/21	98 (Low)	Low	High	1.82 (Low**)	Unsatisfactory
R03A-03	Runway 03/21	96 (Low)	Low	High	1.82 (Low**)	Unsatisfactory
R04A-01	Runway 03/21	57 (Mod)	Low	High	1.66 (High)	Unsatisfactory
R04A-02	Runway 03/21	57 (Mod)	Moderate	High	1.66 (High)	Unsatisfactory
R04A-03	Runway 03/21	78 (Low)	Moderate	High	1.66 (Mod**)	Unsatisfactory
R05C-01	Runway 03/21	63 (Mod)	Moderate	Low	1.49 (Mod)	Degraded
R05C-02	Runway 03/21	55 (Mod)	Moderate	Low	1.49 (Mod)	Degraded
R05C-03	Runway 03/21	55 (Mod)	Moderate	Low	1.49 (Mod)	Degraded
R06C-01	Runway 03/21	79 (low)	Moderate	Low	0.29 (Low)	Degraded
R06C-02	Runway 03/21	66 (Mod)	Low	Low	0.29 (Low)	Degraded
R06C-03	Runway 03/21	51 (High)	Moderate	Low	0.29 (Low)	Unsatisfactory
R07C-01	Runway 03/21	58 (Mod)	Moderate	Low	2.15 (High)	Unsatisfactory
R07C-02	Runway 03/21	56 (Mod)	High	Low	2.15 (High)	Unsatisfactory
R07C-03	Runway 03/21	63 (Mod)	Moderate	Low	2.15 (High)	Unsatisfactory
R08C-01	Runway 03/21	73 (Low)	Moderate	Low	1.23 (Low)	Degraded
R08C-02	Runway 03/21	56 (Mod)	Moderate	Low	1.23 (Low)	Degraded
R08C-03	Runway 03/21	61(Mod)	Moderate	Low	1.23 (Low)	Degraded
R09C-01	Runway 03/21	74 (Low)	Moderate	Low	0.93 (Low)	Degraded
R09C-02	Runway 03/21	66 (Mod)	Moderate	Low	0.93 (Low)	Degraded
R09C-03	Runway 03/21	67 (Mod)	Low	Low	0.93 (Low)	Degraded
R10A 01	Runway 03/21	98 (Low)	Low	Low	1.23 (Low)	Adequate
R10A-02	Runway 03/21	95 (Low)	Low	Low	1.23 (Low)	Adequate
R10A-03	Runway 03/21	95 (Low)	Low**	Low	1.23 (Low)	Adequate
Overruns						
R01A-01	Runway 03/21	95 (Low)	Low	No Data	1.29 (Low**)	Adequate
R01A-02	Runway 03/21	96 (Low)	Low	No Data	1.29 (Low**)	Adequate
R01A-03	Runway 03/21	97 (Low)	Low	No Data	1.29 (Low**)	Adequate
R02C-01	Runway 03/21	54 (High)	Moderate	No Data	3.0* (High)	Unsatisfactory
R02C-02	Runway 03/21	58 (Mod)	Moderate	No Data	3.0* (High)	Unsatisfactory
R11C-01	Runway 03/21	41 (High)	Moderate	No Data	3.0* (High)	Unsatisfactory
R11C-02	Runway 03/21	63 (Mod)	Low	No Data	3.0* (High)	Unsatisfactory
R12A-01	Runway 03/21	100 (Low)	Low	No Data	1.17 (Low)	Adequate
R12A-02	Runway 03/21	93 (Low)	Mod**	No Data	1.17 (Low)	Degraded
R12A-03	Runway 03/21	100 (Low)	Low	No Data	1.17 (Low)	Adequate
Taxiways						
T01A-01	Taxiway Alpha South & Bravo	89 (Low)	Low	N/A	1.44 (Low**)	Adequate
T01A-02	Taxiway Alpha South & Bravo	94 (Low)	Low	N/A	1.44 (Low**)	Adequate
T02C-01	Taxiway Charlie	79 (Low)	Low	N/A	2.42 (Mod**)	Degraded
T03C-01	Taxiway Charlie	42 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
T03C-02	Taxiway Charlie	42 (High)	Moderate	N/A	3 0* (High)	Unsatisfactory
T04C-01	Taxiway Delta	64 (Mod)	Moderate	N/A	2.15 (High)	Unsatisfactory
T05A-01	Taxiway Alpha Center	45 (High)	Moderate	N/A	0.77 (Low)	Unsatisfactory

(Page 1 of 3) (N/A= Not Applicable) (Modified by PCI) (3.0* ACN/PCN Greater Than 3.0)**

Table 3-11
Engineering Assessment Ratings by Pavement Feature/Section
Keesler Air Force Base, Mississippi

Feature/ Section	Identification	PCI	FOD	SKID	ACN/PCN Ratio	EA
Taxiways (Continued)						
T06C-01	Taxiway Echo	54 (High)	Low	N/A	1.71 (High)	Unsatisfactory
T06C-02	Taxiway Echo	25 (High)	Moderate	N/A	1.71 (High)	Unsatisfactory
T07A-01	Taxiway Alpha North	98 (Low)	Low	N/A	3.0* (Low**)	Adequate
T08A-01	Taxiway Alpha North	100 (Low)	Low	N/A	1.96 (Low**)	Adequate
T09A-01	Taxiway Foxtrot	90 (Low)	Low**	N/A	1.69 (Low**)	Adequate
T10C-01	Overflow Apron Taxiway	25 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
T11C-01	Taxiway 1	36 (High)	High	N/A	No Data	Unsatisfactory
T11C-02	Taxiway 1	25 (High)	Moderate	N/A	No Data	Unsatisfactory
T12C-01	Taxiway Charlie	25 (High)	Moderate	N/A	2.07 (High)	Unsatisfactory
T12C-02	Taxiway Charlie	20 (High)	Moderate	N/A	2.07 (High)	Unsatisfactory
Aprons						
A01B-01	South Warm-up Apron	97 (Low)	Low**	N/A	1.14 (Low)	Adequate
A02B-01	Apron Portion of Taxiway 1	24 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
A02B-02	Apron Portion of Taxiway 1	25 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
A02B-03	Apron Portion of Taxiway 1	25 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
A02B-04	Apron Portion of Taxiway 1	25 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
A02B-05	Apron Portion of Taxiway 1	29 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
A03B-01	Aircraft Parking Pad 29	98 (Low)	Low	N/A	1.67 (Low**)	Adequate
A03B-02	Aircraft Parking Pad 28	99 (Low)	Low	N/A	1.67 (Low**)	Adequate
A03B-03	Aircraft Parking Pad 27	97 (Low)	Low	N/A	1.67 (Low**)	Adequate
A03B-04	Aircraft Parking Pad 26	95 (Low)	Low	N/A	1.67 (Low**)	Adequate
A04B-01	Filet, Taxiway Alpha & Parking Apron	37 (High)	Moderate	N/A	3.0* (High)	Unsatisfactory
A05B-01	Parking Apron 2	43 (High)	Moderate	N/A	0.41 (Low)	Unsatisfactory
A05B-02	Parking Apron 2	40 (High)	Moderate	N/A	0.41 (Low)	Unsatisfactory
A06B-01	Parking Apron 2	61 (Mod)	Moderate	N/A	1.14 (Low)	Degraded
A06B-02	Parking Apron 2	80 (Low)	Low**	N/A	1.14 (Low)	Adequate
A07A-01	Maintenance Apron Taxi-lane	68 (Mod)	High	N/A	0.94 (Low)	Unsatisfactory
A07A-02	Maintenance Apron Taxi-lane	65 (Mod)	Moderate	N/A	0.94 (Low)	Degraded
A08B-01	Maintenance Apron	24 (High)	Moderate	N/A	0.38 (Low)	Unsatisfactory
A10B-01	Maintenance Apron	39 (High)	High	N/A	2.13 (High)	Unsatisfactory
A10B-02	Maintenance Apron	80 (Low)	Low**	N/A	2.13 (Mod**)	Degraded

(Page 2 of 3) (N/A= Not Applicable) (Modified by PCI) (3.0* ACN/PCN Greater Than 3.0)**

Table 3-11
Engineering Assessment Ratings by Pavement Feature/Section
Keesler Air Force Base, Mississippi

Feature/ Section	Identification	PCI	FOD	SKID	ACN/PCN Ratio	EA
Aprons (Continued)						
A11C-01	Hangar Access Apron	46 (High)	Low	N/A	No Data	Unsatisfactory
A11C-02	Hangar Access Apron	78 (Low)	Low	N/A	No Data	Adequate
A12A-01	Maintenance Apron Taxi-lane	70 (Low)	High	N/A	2.23 (Mod**)	Unsatisfactory
A14B-01	Hangar Apron	32 (High)	High	N/A	1.23 (Low)	Unsatisfactory
A14B-02	Hangar Apron	90 (Low)	Low**	N/A	1.23 (Low)	Adequate
A15C-01	Wash Rack	31 (High)	High	N/A	2.33 (High)	Unsatisfactory
A17B-01	Alpha Apron South	44 (High)	Moderate	N/A	1.96 (High)	Unsatisfactory
A17B-02	Alpha Apron South	27 (High)	Moderate	N/A	1.96 (High)	Unsatisfactory
A18B-01	Alpha Apron South	78 (Low)	Moderate	N/A	1.40 (Low**)	Degraded
A19B-01	Alpha Apron North	36 (High)	Moderate	N/A	1.04 (Low)	Unsatisfactory
A20B-01	Alpha Apron North	74 (Low)	High	N/A	2.45 (Mod**)	Degraded
A21B-01	North warm-up Apron	98 (Low)	Low	N/A	1.67 (Low**)	Adequate
A22C-01	Hangar Apron	9 (High)	High	N/A	3.0* (High)	Unsatisfactory
A23B-01	Maintenance Apron	99 (Low)	Low**	N/A	1.36 (Low**)	Adequate
A24C-01	Hangar Access	16 (High)	High	N/A	2.58 (High)	Unsatisfactory
A24C-02	Hangar Access	81 (Low)	Low	N/A	2.58 (Mod**)	Degraded
A25B-01	Hangar Apron	78 (Low)	High	N/A	1.89 (Mod**)	Unsatisfactory
A26A-01	Maintenance Apron Taxi-lane	96 (Low)	Low	N/A	1.36 (Low**)	Adequate
A27B-01	Alpha Apron South, Spot 12	67 (Mod)	Moderate	N/A	1.32 (Mod)	Degraded
Shoulders						
A28D-01	South Warm-up Apron	53 (High)	High	N/A	No Data	Unsatisfactory
A29D-01	North Warm-up Apron	59 (Mod)	Moderate	N/A	No data	Degraded

(Page 3 of 3) (N/A= Not Applicable) (Modified by PCI) (3.0* ACN/PCN Greater Than 3.0)**

Table 3-12
Engineering Assessment Rating by Facilities
Keesler Air Force Base, Mississippi

Airfield Facility	Area Weighted PCI (Deficiency Rating)	FOD Potential (Area Weighted	Skid Hydroplaning Potential	Structural Deficiency (Area Weighted ACN/PCN)	Engineering Assessment
Runway					
Runway 03/21	70 (Low)	Moderate	Moderate	Low	Degraded
Overruns					
Overruns	79 (Low)	Moderate	Low	Low	Degraded
Taxiways					
Taxiways Alpha, Bravo and Foxtrot (T01A, T05A, T07A, T08A & T09A)	83 (Low)	Moderate	N/A	Low	Degraded
Taxiway Charlie (T02C, T03C & T12C)	55 (Mod)	Moderate	N/A	High	Unsatisfactory
Taxiway Delta (T04C)	64 (Mod)	Moderate	N/A	High	Unsatisfactory
Taxiway Echo (T06C)	51 (High)	Moderate	N/A	High	Unsatisfactory
Overflow Apron Taxiway (T10C)	25 (High)	Moderate	N/A	High	Unsatisfactory
Taxiway 1 (T11C)	35 (High)	Moderate	N/A	No Data	Unsatisfactory
Aprons					
Warm-up Aprons (A01B & A21B)	98 (Low)	Low	N/A	Low	Adequate
Overflow Apron (A02B)	26 (High)	Moderate	N/A	High	Unsatisfactory
Aircraft Parking Pads (A03B)	97 (Low)	Low	N/A	Low	Adequate
Parking Apron 2 (A04B, A05B, A06B, A08B, A17B & A18B)	63 (Mod)	Moderate	N/A	Low	Degraded
Taxi-lanes Aprons 1,2 & Maintenance (A07A, A12A & A26A)	79 (Low)	Moderate	N/A	Low	Degraded
Parking Apron 1 & Maintenance Apron (A10B & A23B)	46 (High)	Moderate	N/A	High	Unsatisfactory
Nose Docks (A11B)	62 (Mod)	Low	N/A	No Data	Degraded
Additional Parking Apron 2 (A14B)	84 (Low)	Moderate	N/A	Low	Degraded
Wash Rack (A15B)	31 (High)	High	N/A	High	Unsatisfactory

Page (1 of 2) (N/A= Not Applicable)

Table 3-12
Engineering Assessment Rating by Facilities
Keesler Air Force Base, Mississippi

Airfield Facility	Area Weighted PCI (Deficiency Rating)	FOD Potential (Area Weighted	Skid Hydroplaning Potential	Structural Deficiency (Area Weighted ACN/PCN)	Engineering Assessment
Aprons (Continued)					
Parking Apron 3 (A19B & A20B)	73 (Low)	Moderate	N/A	Moderate	Degraded
Hangar Apron (A22C & A24C)	14 (High)	Moderate	N/A	High	Unsatisfactory
Hangar Apron (A25B)	78 (Low)	High	N/A	Moderate	Unsatisfactory
Alpha Apron (A27B)	67 (Mod)	Moderate	N/A	High	Unsatisfactory
Shoulders					
Warm-up Aprons (A28D & A29D)	56 (Mod)	N/A	N/A	N/A	Degraded

(Page 2 of 2) (N/A= Not Applicable)

Table 3-13
Airfield Engineering Assessment Rating Summary
Keesler Air Force Base, Mississippi

Facility	Pavement Total Area, ft^2	Area Weighted Ratings				
		PCI Deficiency	Hydroplane Potential	Structural Deficiency	FOD Hazard	EA Rating
Runway 03/21	846,098	70	Moderate	Low	Moderate	Degraded
Overruns	301,148	79	Low	Low	Moderate	Degraded
Taxiways	699,101	72	N/A	Low	Moderate	Degraded
Aprons	1,999,861	62	N/A	Moderate	Moderate	Degraded
Shoulders	699,101	56	N/A	N/A	N/A	Degraded
Overall	3,894,174	67	N/A	Moderate	Moderate	Degraded

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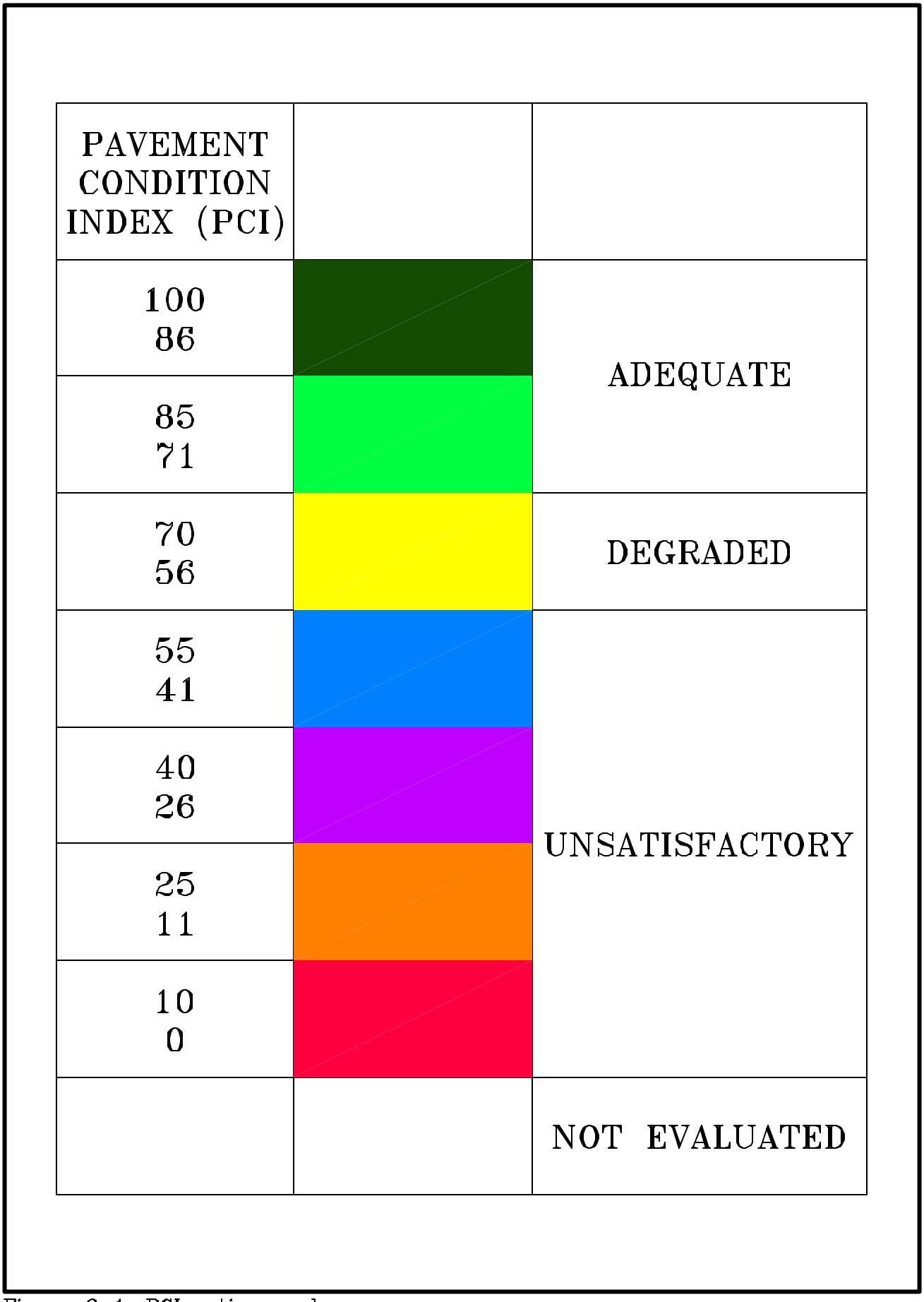


Figure 3–1. PCI rating scale.

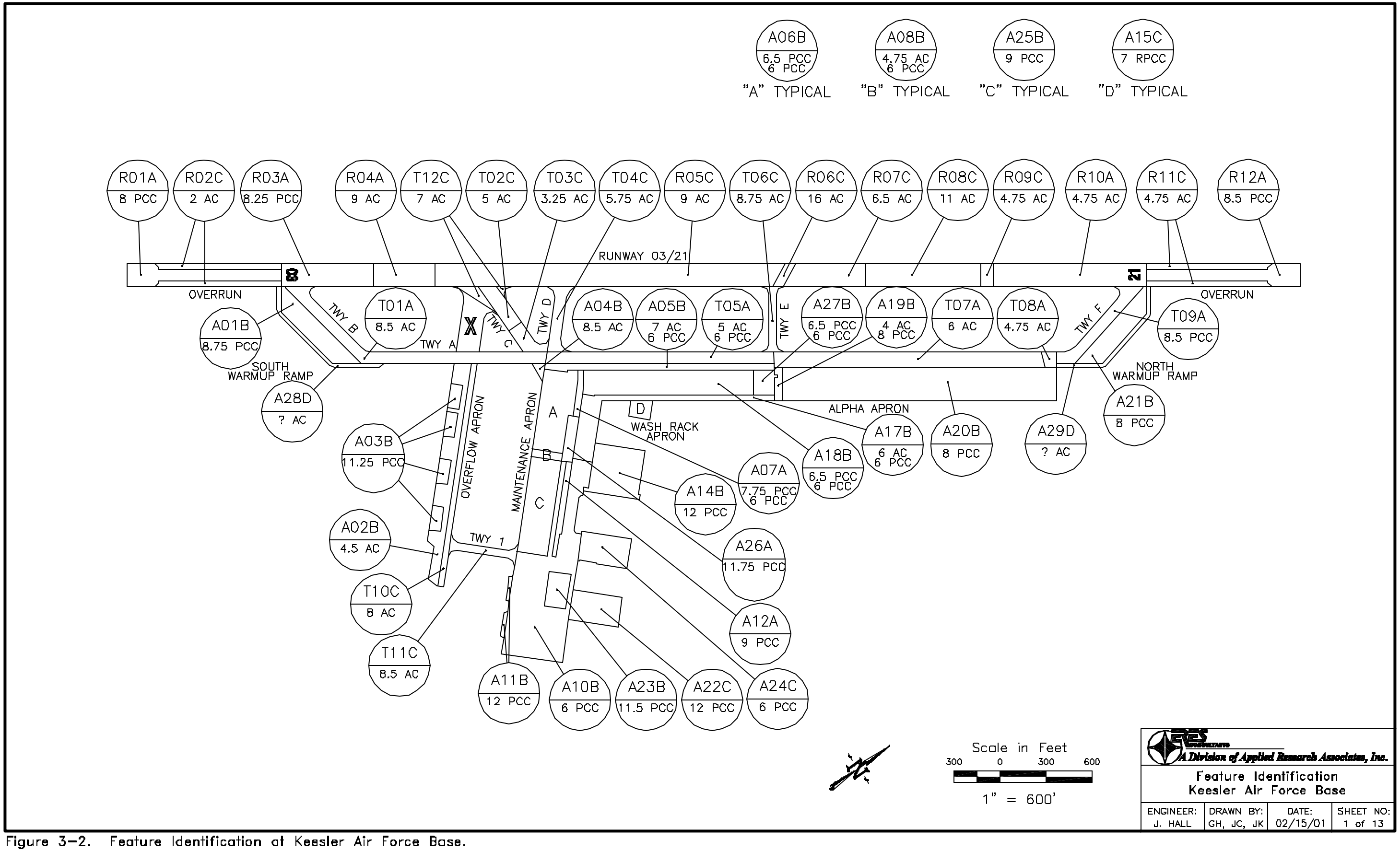


Figure 3-2. Feature Identification at Keesler Air Force Base.

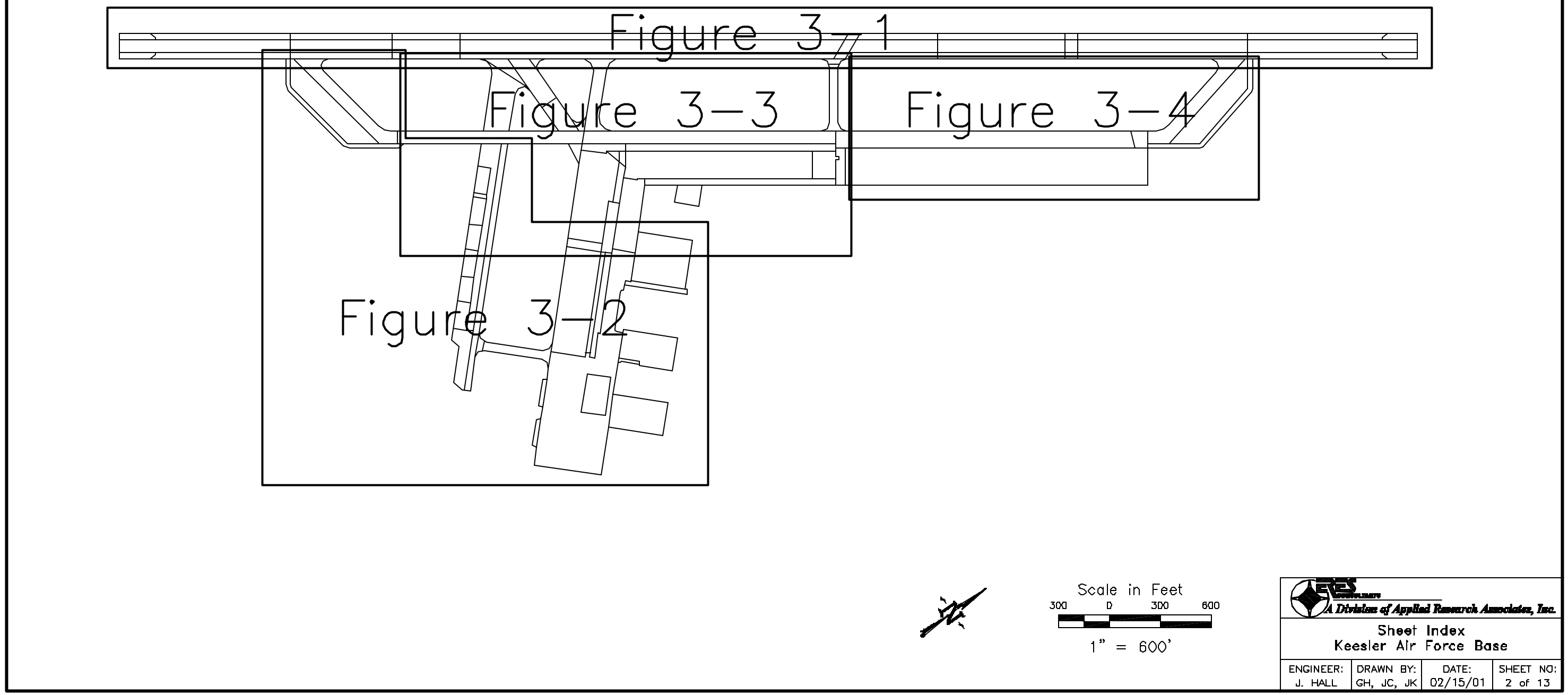


Figure 3–3. Sheet Index at Keesler Air Force Base.

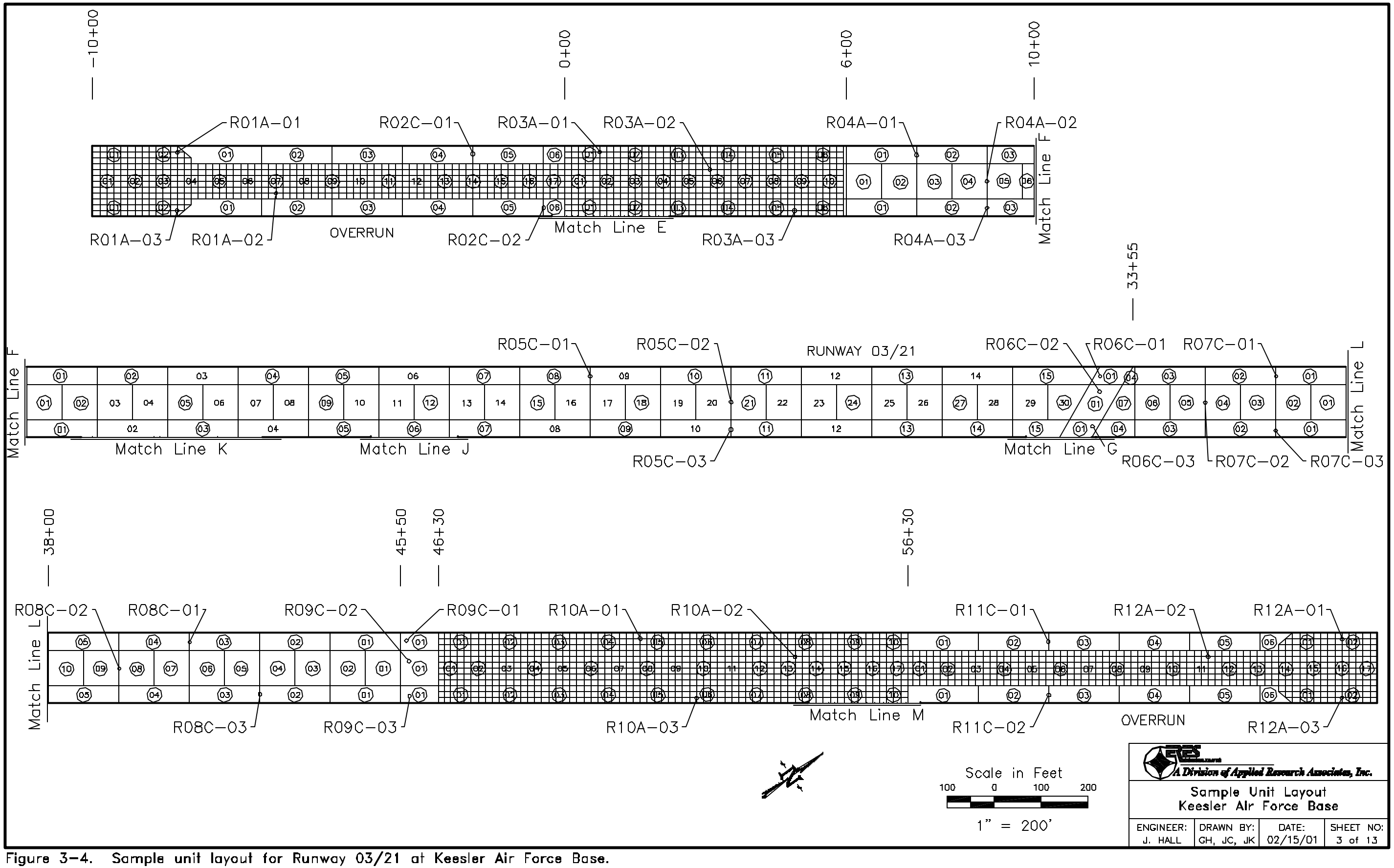


Figure 3-4. Sample unit layout for Runway 03/21 at Keesler Air Force Base.

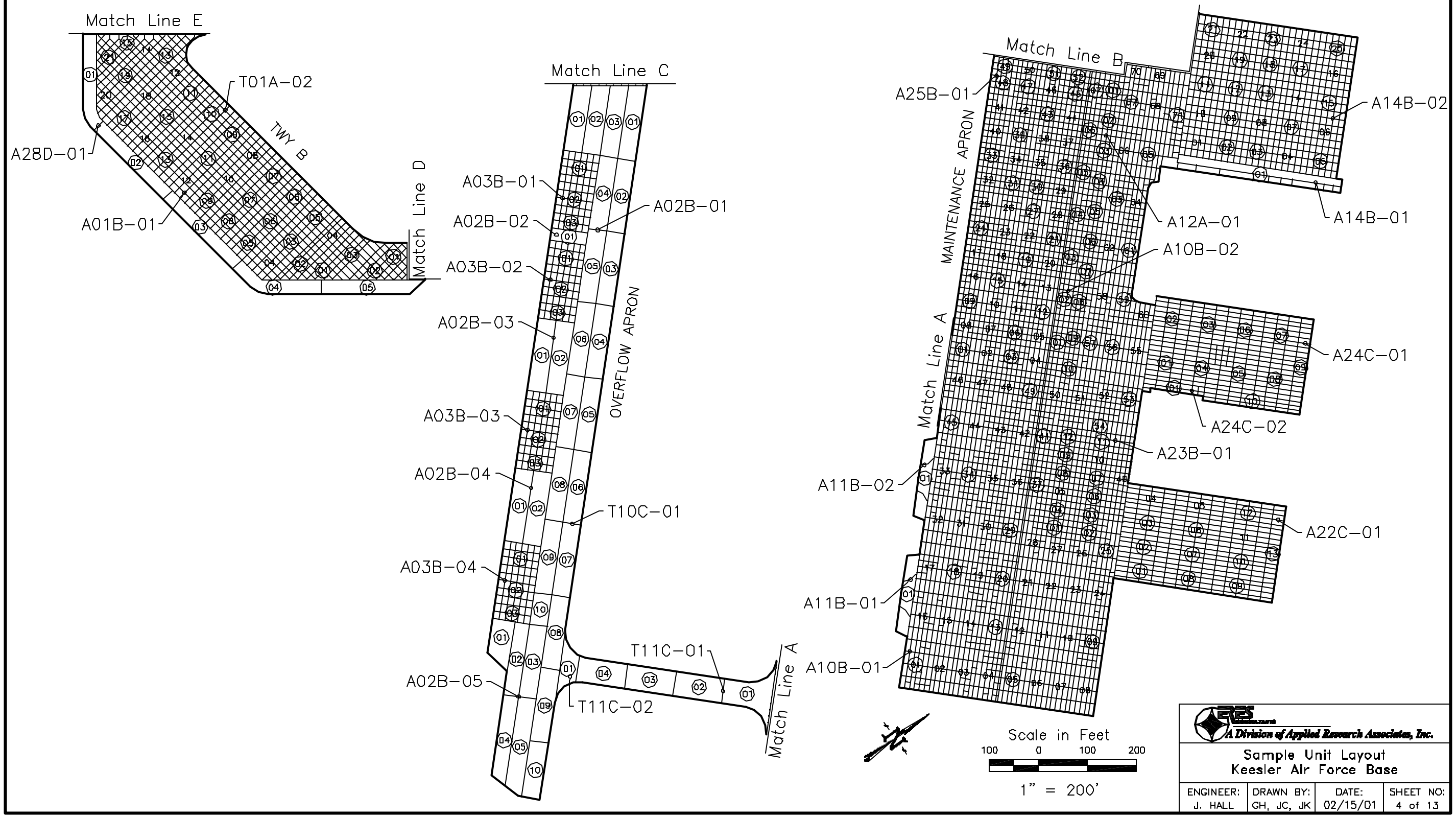


Figure 3–5. Sample unit layout for Aprons and Taxiways at Keesler Air Force Base.

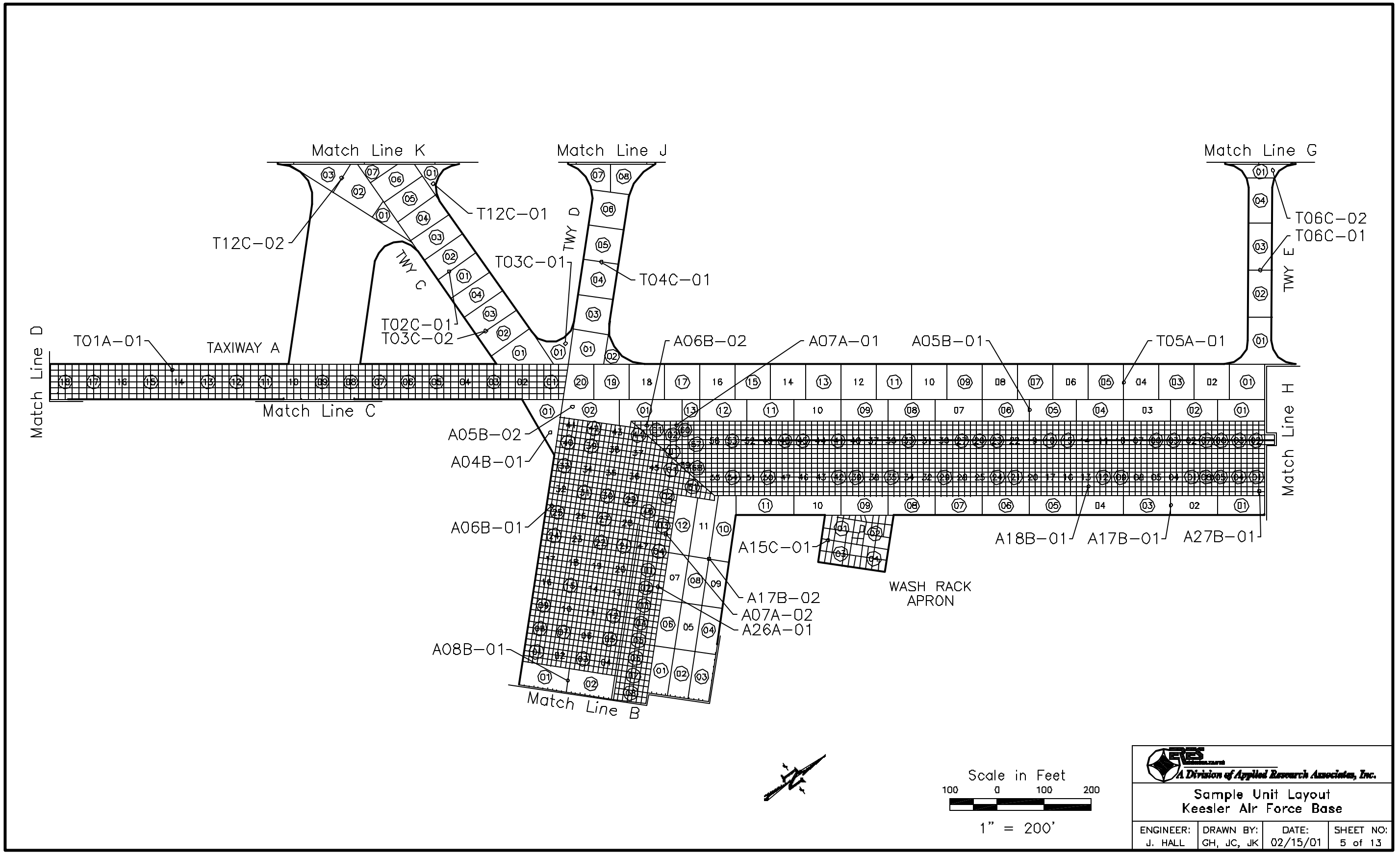


Figure 3-6. Sample unit layout for Aprons and Taxiways at Keesler Air Force Base.

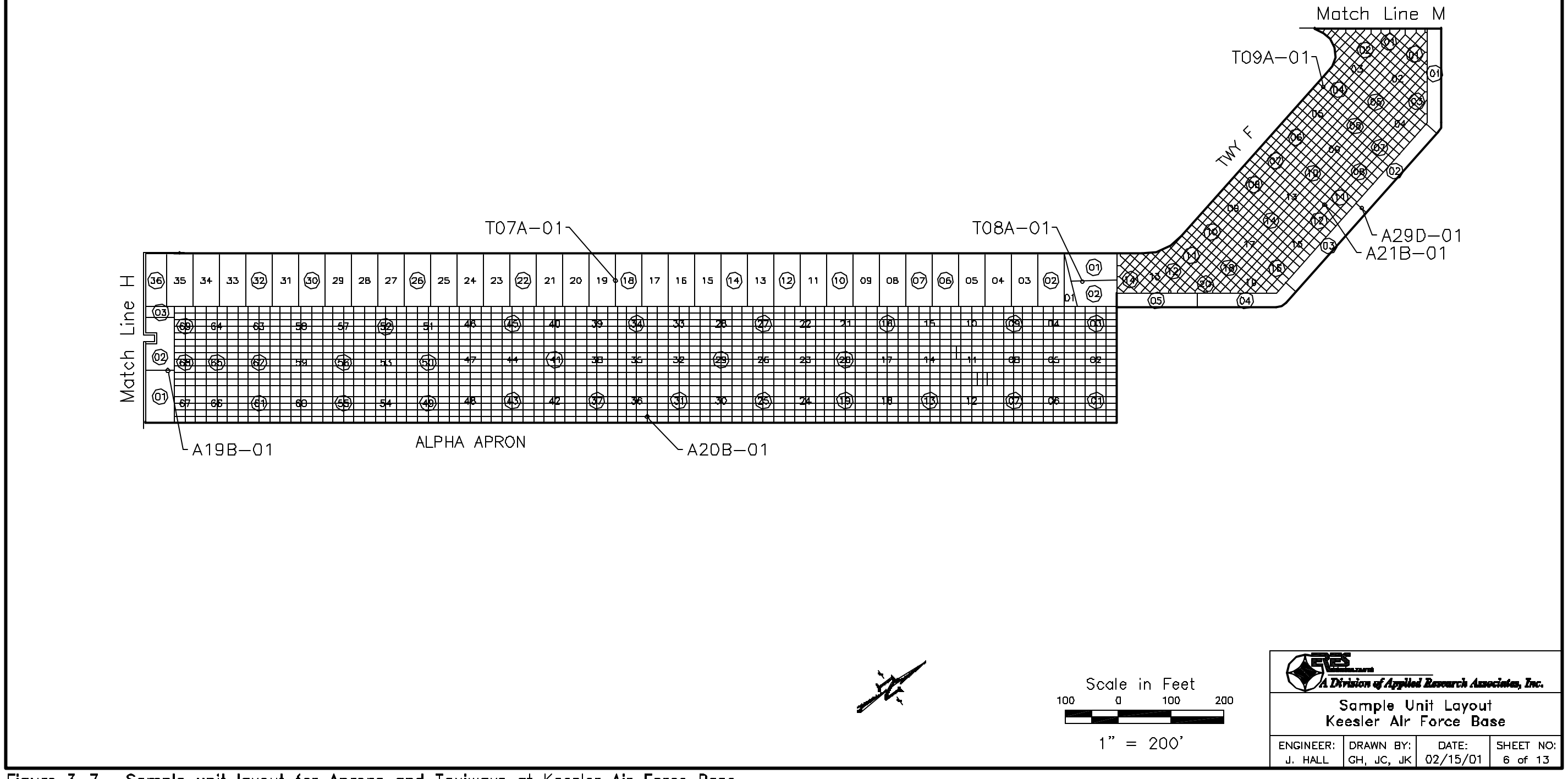


Figure 3–7. Sample unit layout for Aprons and Taxiways at Keesler Air Force Base.

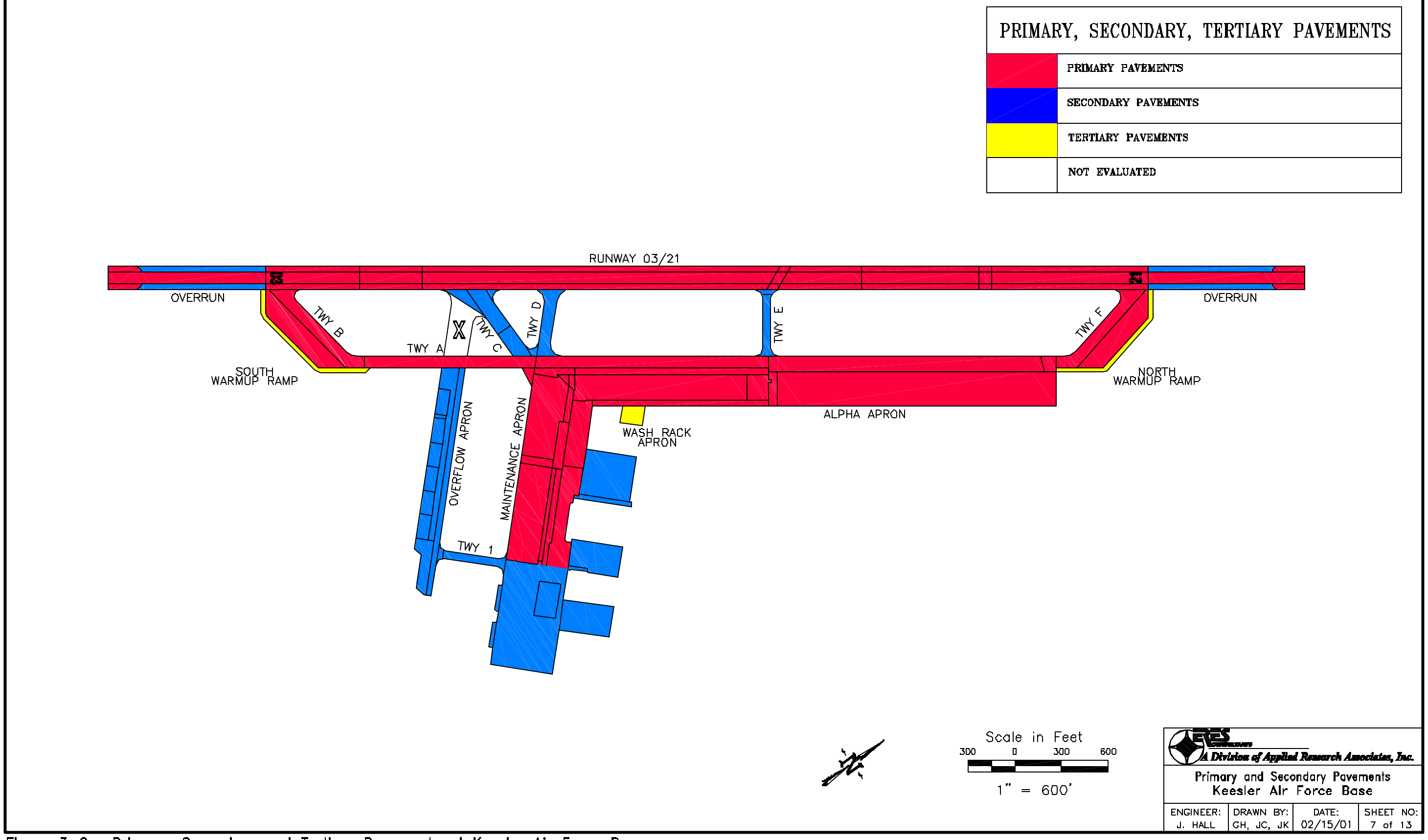
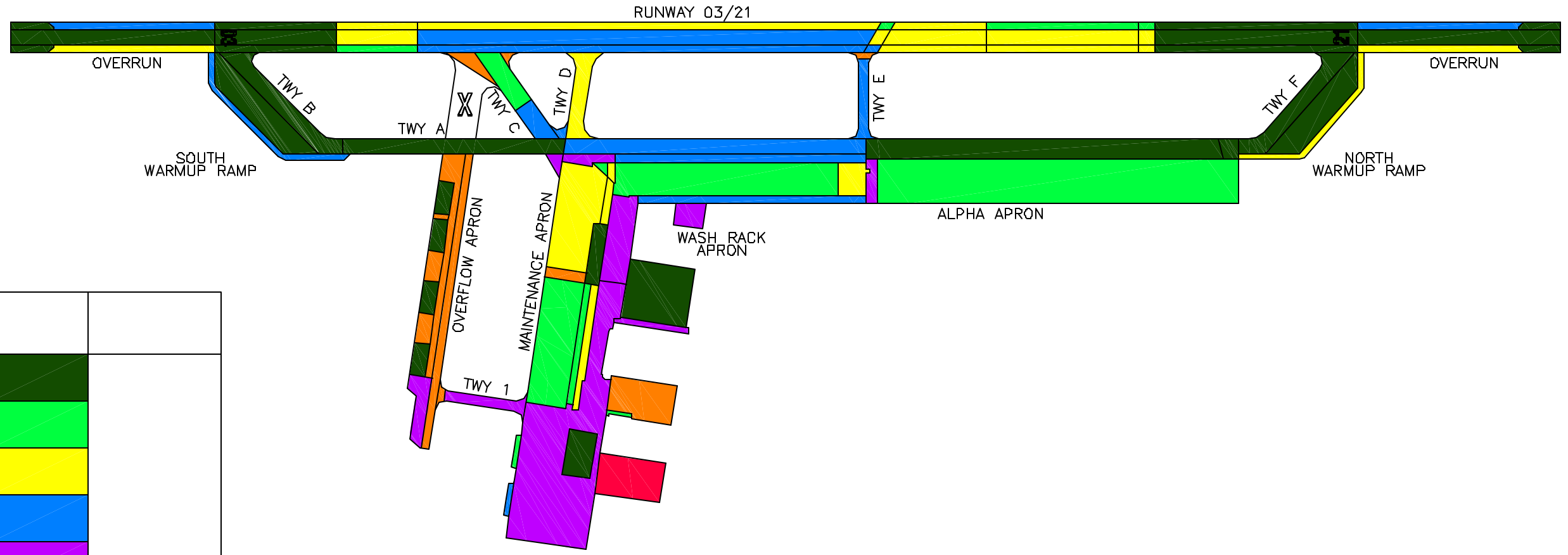


Figure 3-8. Primary, Secondary and Tertiary Pavements at Keesler Air Force Base.



PAVEMENT CONDITION INDEX (PCI)		
100 86		
85 71		
70 56		
55 41		
40 26		
25 11		
10 0		
		NOT EVALUATED

Scale in Feet

300 0 300 600

1" = 600'

A Division of Applied Research Associates, Inc.

Pavement Condition Index
Keesler Air Force Base

ENGINEER:	DRAWN BY:	DATE:	SHEET NO:
J. HALL	GH, JC, JK	02/15/01	8 of 13

Figure 3-9. PCI Summary by Feature for Keesler Air Force Base Airfield Pavements.

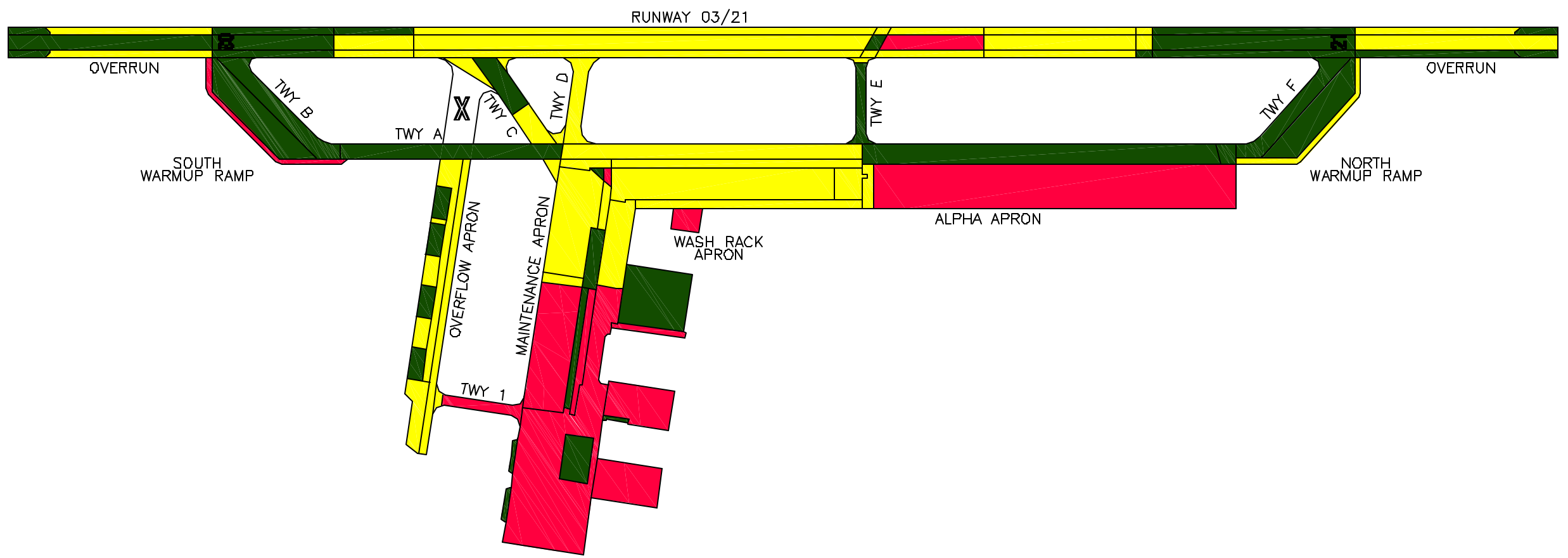


Figure 3-10. FOD potential summary at Keesler Air Force Base.

SKID/HYDROPLANING POTENTIAL FRICTION

	LOW:	Mu ≥ 0.52 @ 40 mph and ≥ 0.38 @ 60 mph
	MODERATE:	Mu > 0.42 @ 40 mph and > 0.26 @ 60 mph For a distance of 1,000 ft. or more
	HIGH:	MU ≤ 0.42 @ 40 mph and ≤ 0.26 @ 60 mph For a distance of 500 ft. or more
	NOT EVALUATED	

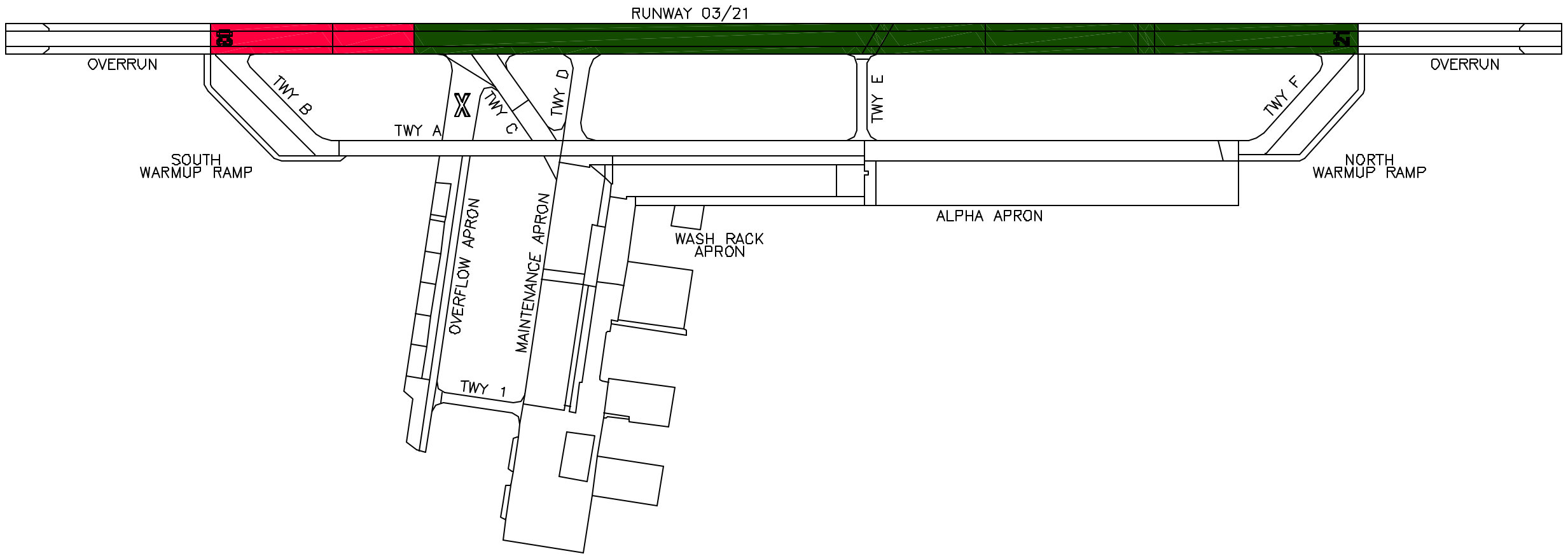


Figure 3-11. Skid/Hydroplaning potential summary at Keesler Air Force Base.

ACN/PCN	
	LOW: ACN/PCN < 1.25
	MODERATE: 1.25 ≤ ACN/PCN < 1.50
	HIGH: ACN/PCN ≥ 1.50
	NOT EVALUATED

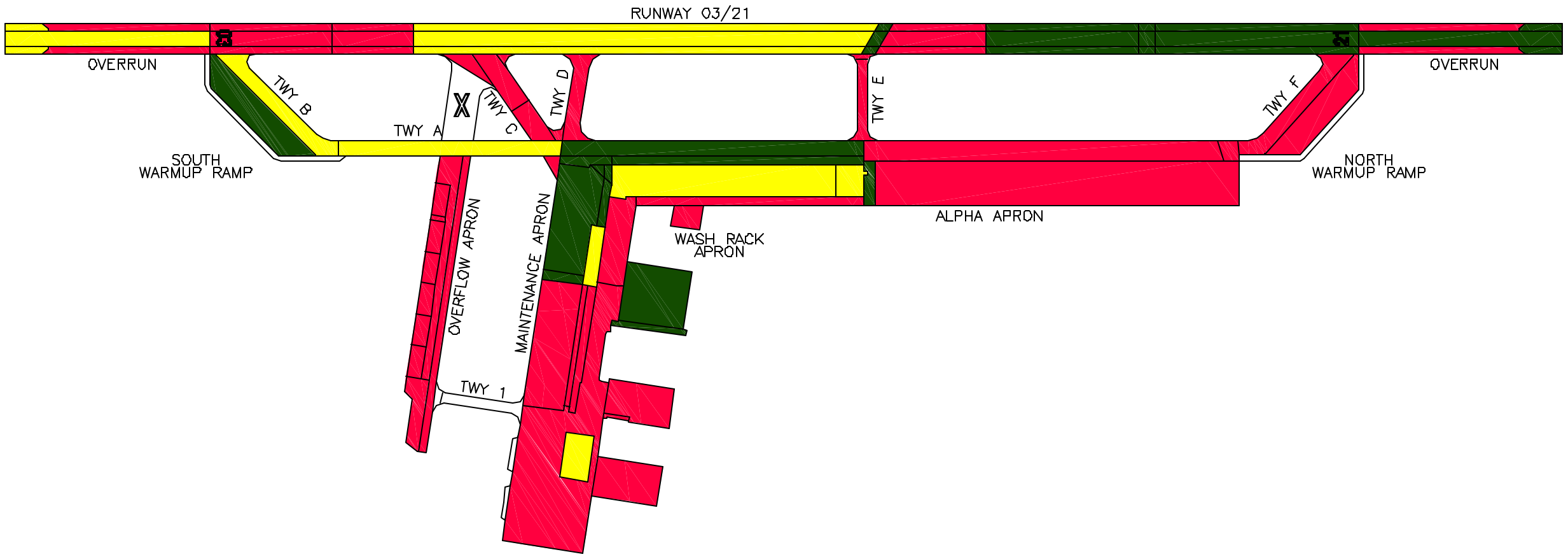


Figure 3–12. ACN/PCN Rating at Keesler Air Force Base.

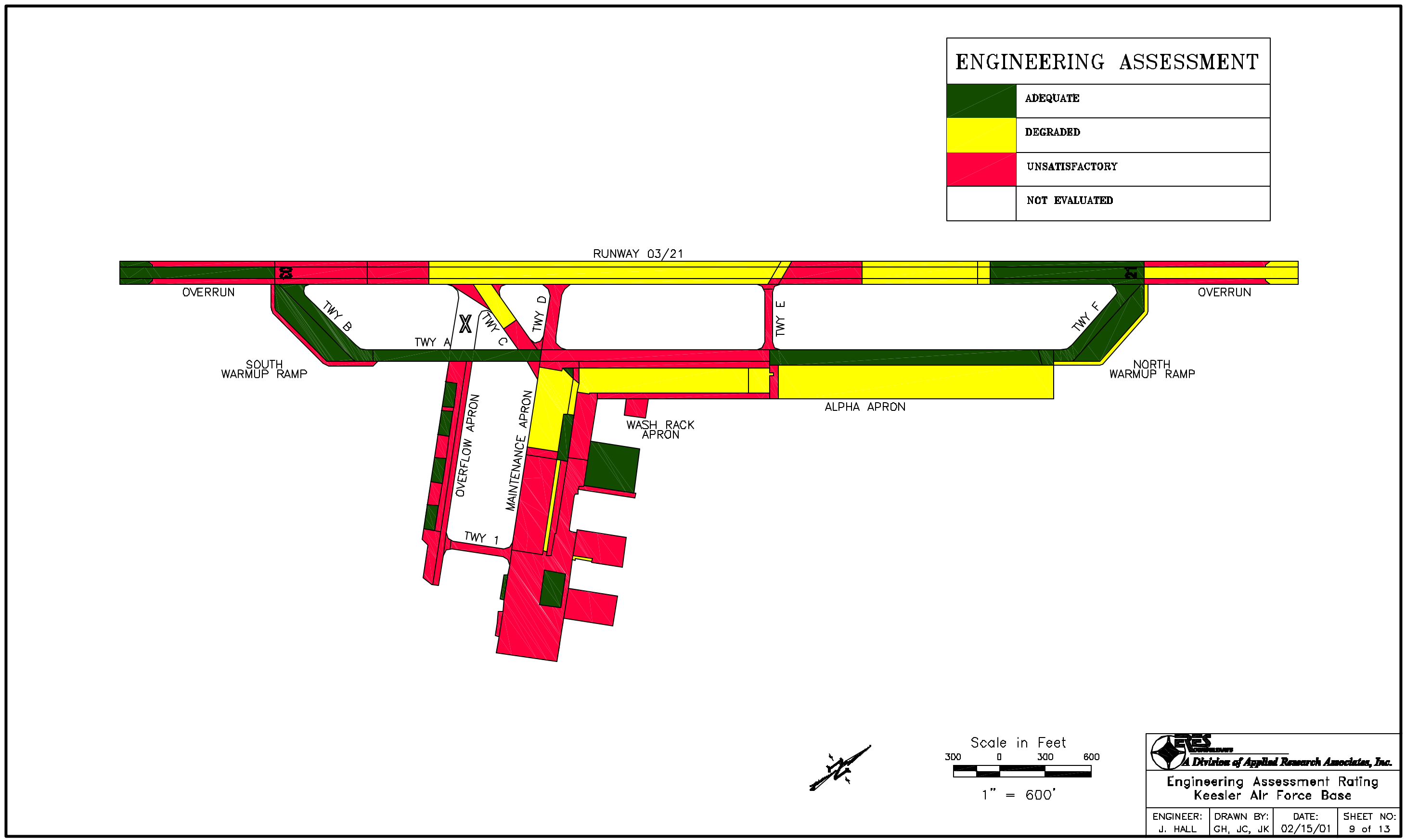


Figure 3-13. Engineering Assessment Rating by Feature for Keesler Air Force Base Airfield Pavements.

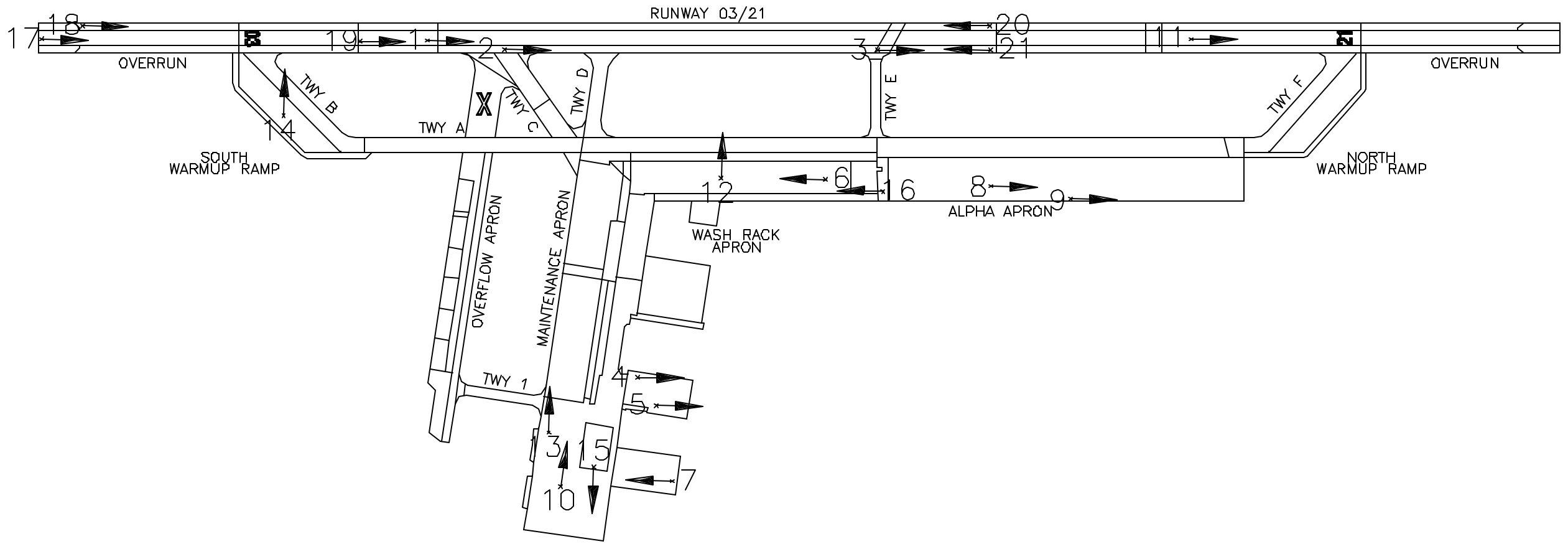


Figure 3-14. Photograph Location at Keesler Air Force Base.

Photo 1: Runway 03/21, Feature R02C, low-severity block cracking and longitudinal and transverse cracking.

Photo 2: Runway 03/21, Feature R04C, low-severity block cracking and longitudinal and transverse cracking.

Photo 3: Runway 03/21, Feature R04C, low-severity longitudinal and transverse cracking.

Photo 4: Runway 03/21, Feature R05C, low-severity depression.

Photo 5: Runway 03/21, Feature R06C, low-severity block cracking.

Photo 6: Runway 03/21, Feature R07C, low-severity longitudinal cracking.

Photo 7: Runway 03/21, Feature R07C, low-severity longitudinal cracking.

Photo 8: Runway 03/21, Feature R10A, typical raveling at joint.

Photo 9: Feature A24C, high-severity joint seal damage.

Photo 10: Feature A24C, high-severity transverse crack.

Photo 11: Feature A18B, low-severity longitudinal cracks.

Photo 12: Feature A22C, high-severity joint seal damage.

Photo 13: FeatureA10B, low-severity shattered slabs, large area of depression.

Photo 14: Feature A20B, high-severity faulting.

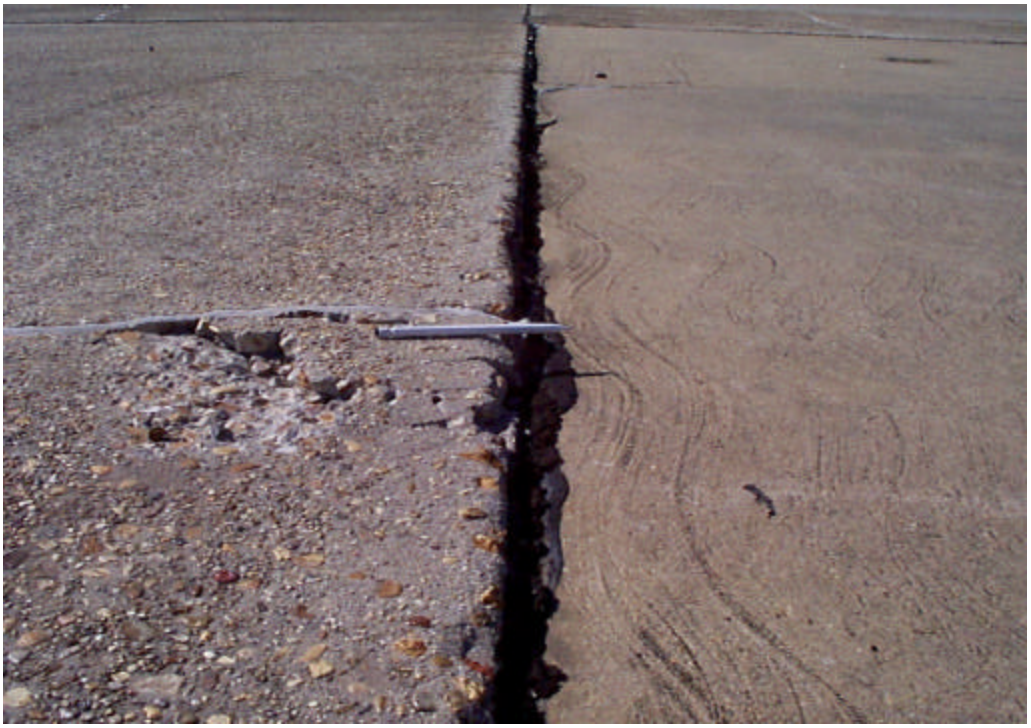


Photo 15: Feature A10B, high-severity faulting and corner spall.

Photo 16: Feature A10B, high-severity corner spall.

Photo 17: Feature A18B, high-severity joint spall.

Photo 18: Feature A27B, high-severity shattered slabs.

CHAPTER 4
RECOMMENDATIONS
FOR
MAINTENANCE AND REPAIR

MicroPAVER is a pavement management system that uses the Pavement Condition Index (PCI) survey results, the inventory history data, user-defined maintenance policies, and Maintenance and Repair (M&R) cost guide for planning and budgeting of future M&R needs.

MicroPAVER identifies four categories of M&R policies:

- Localized Stopgap M&R is localized M&R to keep the pavement operational in a safe condition; applied to pavements below the critical PCI; is only selected when the available funds are not adequate to complete Major M&R; when Stopgap is selected, it takes first priority.

- Localized Preventive M&R is maintenance activities performed with the primary objective of slowing the rate of deterioration; applied to pavements with PCI above critical; Preventive maintenance is always needed because all pavements deteriorate with time.

- Global Preventive M&R are activities applied to entire pavement sections with the primary objective of slowing the rate of deterioration; these are not normally used on airfields because they can introduce operational problems (e.g., chip seals can produce FOD).

- Major M&R are activities applied to the entire pavement section to correct or improve existing structural or functional deficiencies; the policies vary slightly, depending if the current PCI is above or below the critical value.

If the amount of funding is unlimited, MicroPAVER will make all major repairs below and above the critical PCI during the first year and then assign Preventive maintenance to future years. Stopgap is a safety fix that allows continued use of a facility when funds are not available for major M&R.

MicroPAVER is programmed to select an M&R treatment for each current distress condition requiring attention. Tables 4-1 and 4-2 show M&R policies for both Stopgap and Preventive. Stopgap and Preventive M&R costs are based on the criteria shown in Table 4-3.

Major M&R alternatives include structural overlays over an entire feature, replacement of all or most of the slabs in a feature, and may involve total removal and replacement of the existing pavement. MicroPAVER selects no specific repair activities for Major M&R; costs are based on PCI versus cost curves, as shown in Figure 4-1.

Table 4-1
Maintenance and Repair Alternatives for AC Airfield Pavements

Distress Types	Severity Levels	Options for Repair
Flexible Pavements		
Alligator Cracking	Low	Do nothing
	Medium	Full-depth patch
	High	Full-depth patch
Bleeding	NA	Milling surface and overlay
Block Cracking	Low	Do nothing
	Medium	Seal cracks
	High	Mill surface overlay
Corrugation	Low	Do nothing
	Medium	Full-depth patch
	High	Mill surface and overlay
Depression	Low	Do nothing
	Medium	Partial-depth patch
	High	Partial-depth patch
Jet Blast	NA	Partial-depth patch
Joint Reflection Cracking (From Longitudinal & Transverse PCC Slabs)	Low	Seal cracks over 1/8”
	Medium	Seal cracks over 1/8”
	High	Mill surface and overlay
Longitudinal & Transverse Cracks (Non-PCC Slab Joint Reflective)	Low	Seal cracks over 1/8”
	Medium	Seal cracks over 1/8”
	High	Mill surface and overlay
Oil Spillage	NA	Partial or full-depth patch
Patching and Utility Cut Patching	Low	Do nothing
	Medium	Seal cracks
	High	Replace patch
Polished Aggregate	NA	Mill surface and overlay
Raveling and Weathering	Low	Do nothing
	Medium	Apply rejuvenator
	High	Mill surface and overlay
Rutting	Low	Do nothing
	Medium	Full-depth patch
	High	Mill surface and overlay
Shoving	Low	Do nothing
	Medium	Full-depth patch
	High	Mill surface and overlay
Slippage Cracking	NA	Full-depth patch
Swelling	Low	Do nothing
	Medium	Full-depth patch
	High	Reconstruct
(NA= No Severity Levels for This Distress)		

Table 4-2
Maintenance and Repair Alternatives for PCC Airfield Pavements

Distress Types	Severity Levels	Options for Repair
Rigid Pavements		
Blow-up	Low	Full-depth patch
	Medium	Full-depth patch
	High	Slab replacement
Corner Break	Low	Seal cracks
	Medium	Seal cracks
	High	Full-depth patch
Longitudinal/transverse/diagonal Cracks	Low	Seal cracks
	Medium	Rout and seal cracks
	High	Full-depth patch
Durability ("D") Cracking	Low	Do nothing
	Medium	Full-depth patch
	High	Full-depth patch
Joint Seal Damage	Low	Do nothing
	Medium	Seal joints
	High	Seal joints
Patching (small)	Low	Do nothing
	Medium	Replace patch
	High	Replace patch
Patching (large)	Low	Do nothing
	Medium	Repair distressed area
	High	Replace patch
Pop outs	NA	Do nothing
Pumping	NA	Seal cracks and joints, and under-seal
Scaling, Map Cracking and Crazing	Low	Do nothing
	Medium	Partial-depth patch
	High	Slab replacement
Settlement or Faulting	Low	Do nothing
	Medium	Slab grinding
	High	Slab grinding, and under-seal
Shattered Slab/Intersecting Cracks	Low	Seal cracks
	Medium	Full-depth patch
	High	Slab replacement
Shrinkage Cracks	NA	Do nothing
Spalling (Transverse and Longitudinal Joint)	Low	Do nothing
	Medium	Partial-depth patch
	High	Partial-depth patch
Spalling (Corner)	Low	Do nothing
	Medium	Partial-depth patch
	High	Partial-depth patch
(NA= No Severity Levels for This Distress)		

Table 4-3
Airfield Pavements M&R Cost Estimating Guide

Item	Description	U/M	Unit Cost $				
			FY01	FY02	FY03	FY04	FY05
1	Remove/replace 10" PCC w/14" PCC including 6" base	SY	73.06	74.84	76.67	78.49	80.45
2	Remove/replace 6" bituminous pavement w/14" PCC including 6" base	SY	66.97	68.60	70.28	71.95	73.74
3	Asphalt concrete overlay - airfield mix	TONS	51.57	52.83	54.11	55.39	56.77
		SY-IN	2.79	2.86	2.93	3.00	3.07
	-highway mix	TONS	47.49	48.65	49.84	51.02	52.29
		SY-IN	2.58	2.64	2.70	2.76	2.82
4	Joint resealing (JFR)	LF	2.19	2.24	2.30	2.35	2.40
5	Joint resealing (non JFR)	LF	1.95	2.00	2.05	2.10	2.15
6	Crack routing/sealing (PCC)	LF	2.69	2.76	2.82	2.89	2.96
7	Neoprene compression joint seal – saw cutting only	LF	1.36	1.39	1.43	1.46	1.49
	Lubrication, furnish and install compression seal						
	½ inch wide joint	LF	3.38	3.46	3.55	3.63	3.72
	⅝ inch wide joint	LF	3.75	3.84	3.94	4.03	4.13
	¾ inch wide joint	LF	4.60	4.71	4.83	4.95	5.07
8	Spall repairs (epoxy-bonded PCC)	SF	25.90	26.53	27.18	27.83	28.52
9	PCC pavement removal (to base course) T < 12"	SY-IN	1.03	1.06	1.08	1.11	1.13
10	PCC pavement removal (to base course) T > 12"	SY-IN	1.42	1.45	1.49	1.53	1.56
11	Asphalt pavement removal (to base course)	SY-IN	0.94	0.96	0.99	1.01	1.03
12	Base/subgrade removal	SY-IN	0.62	0.64	0.65	.67	0.68
13	Asphalt milling/profiling/grinding (cold)						
	up to 1 inch depth	SY	1.60	1.64	1.68	1.72	1.76
	up to 2 inch depth	SY	2.31	2.37	2.42	2.48	2.54
	up to 3 inch depth	SY	2.44	2.50	2.56	2.62	2.68
	up to 4 inch depth	SY	2.56	2.62	2.69	2.75	2.81
	Small difficult jobs (hard aggregate, etc.)	SY	3.04	3.11	3.19	3.27	3.35
14	PCC grinding/profiling (normally ½ inch is max feasible)	SY-IN	19.50	19.97	20.46	20.95	21.42
15	Heater-scarification (3/4")	SY	1.35	1.38	1.42	1.45	1.48
16	Slurry seal	SY	1.61	1.65	1.69	1.73	1.77
17	Single bituminous surface treatment	SY	1.95	2.00	2.05	2.10	2.15
18	Double bituminous surface treatment	SY	2.82	2.89	2.96	3.03	3.10
19	Rubberized coal tar pitch emulsion, sand slurry surface treatment	SY	1.76	1.80	1.85	1.89	1.93
20	Rubberized coal tar pitch emulsion (no aggregate)	SY	1.19	1.22	1.25	1.28	1.31
21	Fog seal	SY	0.79	0.81	0.83	0.85	0.87
22	Rubberized asphalt systems						
	Stress absorbing membrane (SAM) interlayer	SY	4.51	4.62	4.73	4.84	4.96
	SAM seal coat (uncoated chips)	SY	4.75	4.86	4.98	5.10	5.22
	SAM seal coat (pre-coated chips)	SY	5.11	5.23	5.36	5.49	5.62
23	Runway grooving -asphalt concrete pavement	SY	1.95	2.00	2.05	2.10	2.15
	-PCC pavement	SY	4.26	4.36	4.47	4.57	4.68
24	Runway rubber removal (high pressure water blasting)	SF	0.060	0.062	0.063	4.58	4.69
25	Paint removal -partial removal (remove only loose, flaking, or poorly bonded paint)	SF	0.060	0.062	0.063	.065	0.067
	-complete removal (using high pressure water with sand injection)	SF	0.71	0.73	0.75	0.77	0.78
26	Airfield marking -reflectorized	SF	0.47	0.48	0.49	0.50	0.51
	-non reflectorized	SF	0.27	0.28	0.28	0.29	0.29
27	Random slab replacement -12' x 12' x 12" thick	EA	1.2K	1.2K	1.3K	1.33K	1.36K
	-25' x 25' x 12" thick	EA	4.9K	5.0K	5.1K	5.22K	5.35K
	-25' x 25' x 18" thick	EA	7.3K	7.5K	7.7K	7.88K	8.07K
	-25' x 25' slab	SY-IN	5.70	5.83	5.98	6.12	6.27
28	Soil cement stabilization (10 percent by weight)	SY-IN	0.51	0.52	0.53	0.54	0.55

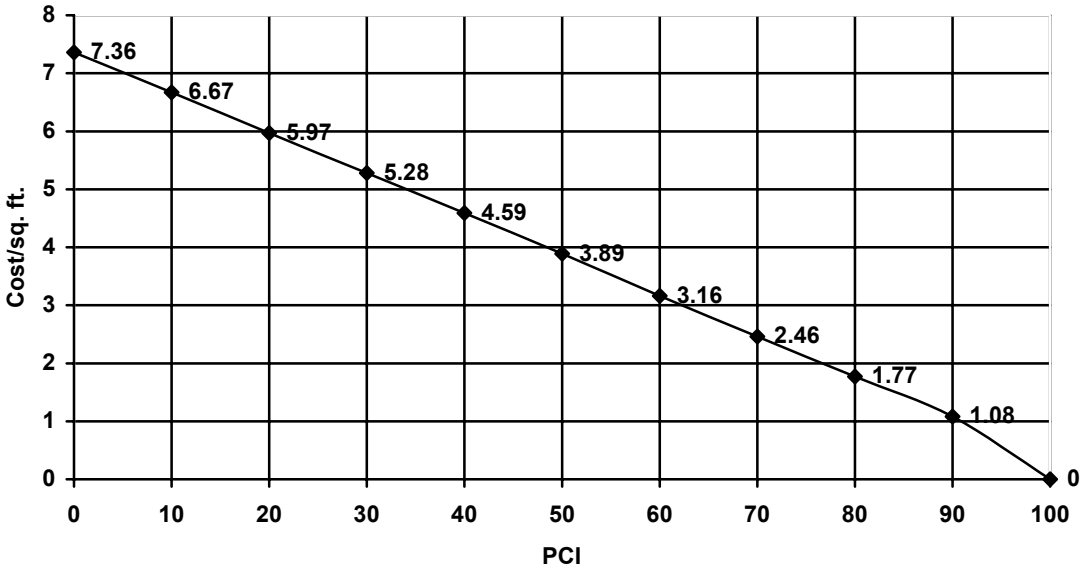


Figure 4-1. Cost guide for Major M&R alternatives.

Priority Selection

MicroPAVER decides which pavements receive attention first using a priority table as shown in Table 4-4.

Table 4-4
Priorities for Assignment of M&R

PCI Range	High Priority Runway	Medium Priority Runway	High Priority Taxiway	Medium Priority Taxiway	High Priority Apron	Medium Priority Apron	Low Priority Runway, Taxiway, Apron
100-70	2	4	6	8	10	12	14
70-Critical	1	3	5	7	9	11	13
Critical-40	1	3	5	7	9	11	13
40-0	2	4	6	8	10	12	14

Deterioration Curve

The current PCI ratings at the corresponding pavement ages for both PCC and AC pavements were used to develop deterioration curves for each pavement type at KAFB, as shown in Figures 4-2 and 4-3. The green curve is the "best fit" relationship between age and PCI, and the yellow curves define the outlier boundaries. These "family curves" developed by MicroPAVER represent the deterioration rates for the KAFB airfield pavements and were used to predict future conditions for the purpose of M&R projections. Primary pavements are assigned to the appropriate curve using a critical PCI of 70; secondary and tertiary pavements are likewise assigned using a critical PCI of 55.

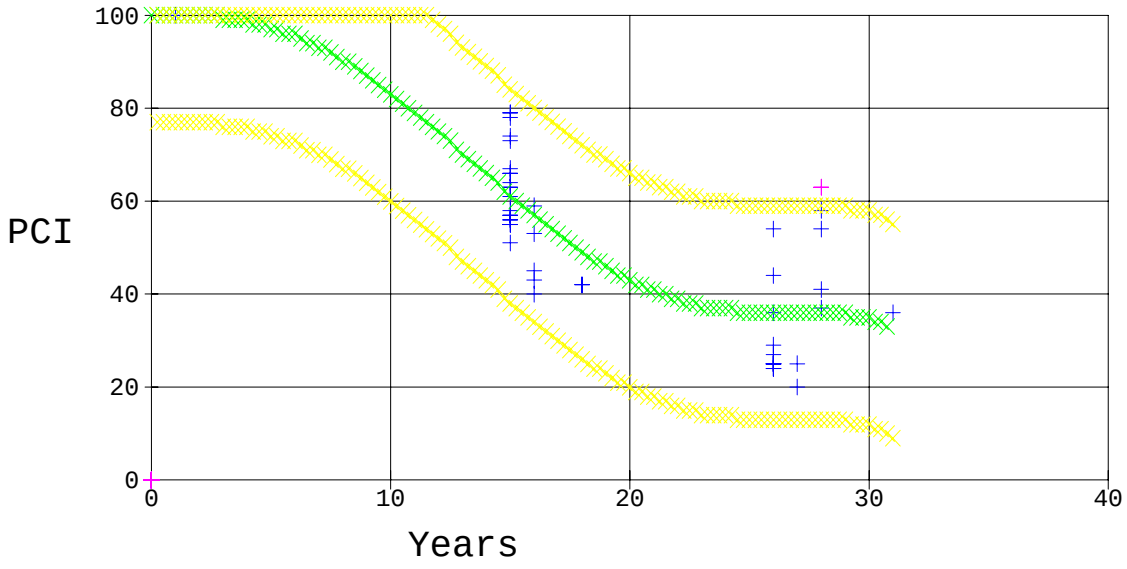


Figure 4-2. KAFB, AC pavement PCI versus age.

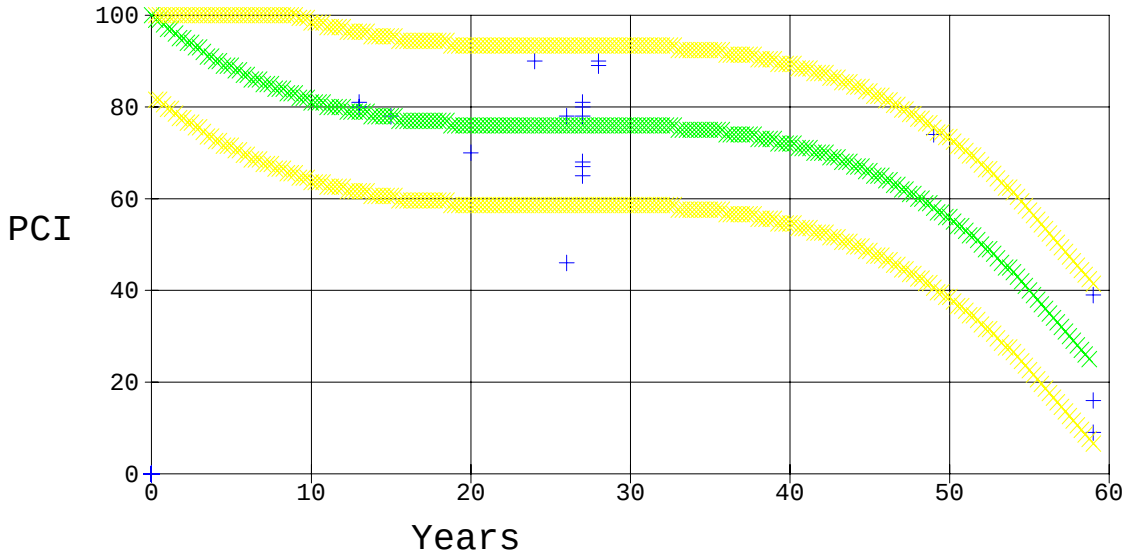


Figure 4-3. KAFB, PCC pavement PCI versus age.

The PCI condition projection for the next 5 years, shown in Figure 4-4, predicts the change in the number of feature/sections that will drop from 86-100 to 70-85, from 70-85 to 55-69, and from 55-69 to 0-54, assuming no change in the maintenance policies.

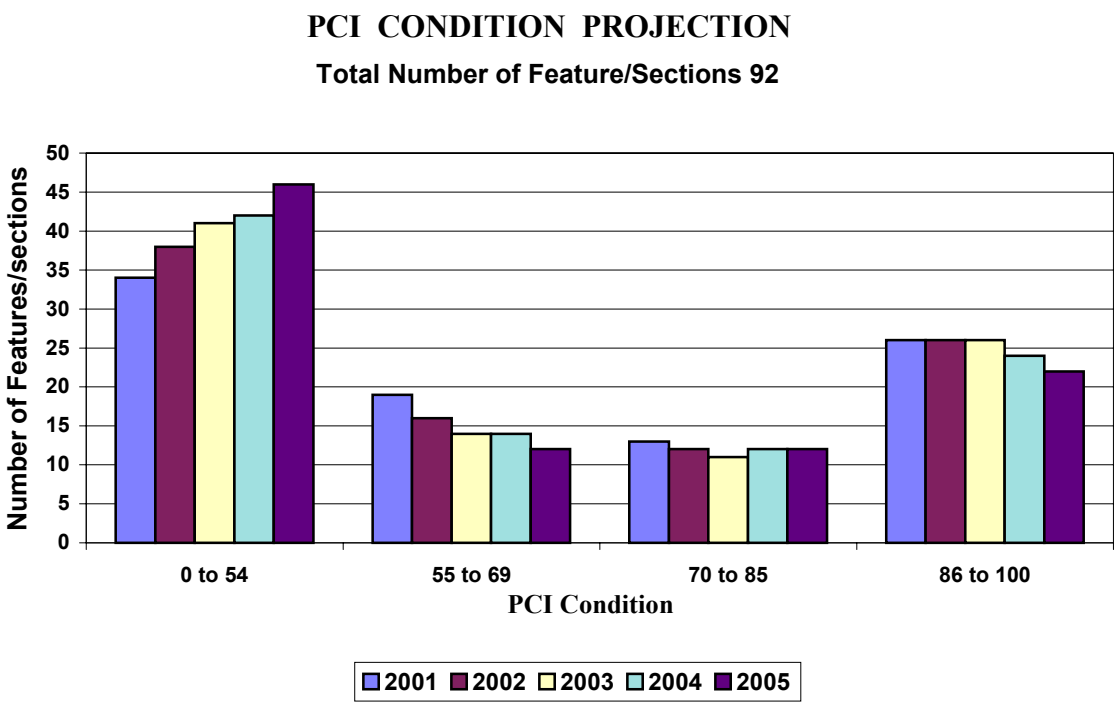


Figure 4-4. KAFB, PCI feature/section projection.

Maintenance and Repair Recommendations

The M&R recommendations in this report are based on results from the pavement condition survey conducted in February 2001. In general, if the PCI is below the critical values as determined by the Headquarters, Department of the Air Force, the pavement feature needs repairs or improvements.

Table 4-5 shows recommended Preventive and Major M&R requirements for each facility at KAFB, along with the quantity and associated costs. These recommendations are based on the assumption that funds are available to make all needed repairs in the current year. The estimated cost for all the KAFB pavements is slightly over $8.6 million.

Table 4-6 shows the M&R recommendations for a scenario in which funds are not available to accomplish Major M&R; therefore, only Stopgap and Preventive M&R costs are shown. Under this scenario there is no improvement to the overall PCI.

M&R recommendations for the KAFB airfield facilities and M&R costs are summarized in Table 4-6. The estimated cost to maintain pavements at or above critical PCI are separated into two maintenance policies, Preventive and Major (under critical and above critical). These estimates are taken from MicroPAVER output and are based on the current limiting PCI levels and unlimited funding.

Table 4-5
KAFB, Recommendations for M&R (Unlimited Funds)

MicroPAVER Policy	Work Description	Quantity & Work Unit	Work Cost	Average PCI Condition	
				* Before	* After
Runway 03/21 (R03A through R10A)					
Preventive	Crack Sealing-AC	948 lf	$2,426	71	95
Preventive	Crack Sealing-PCC	220 lf	$564		
Preventive	Joint Sealing (Localized)	2,727 lf	$$5,700		
Preventive	Patching PCC Partial-Depth	252 ft^2	$5,930		
Major Under Critical	Major M&R	617,376 ft^2	$1,878,473		
Total Cost	$2,317,715				
Overruns (R01A, R02C, R11C & R12A)					
Preventive	Crack Sealing-PCC	73 lf	$186	80	98
Preventive	Joint Sealing (Localized)	845 lf	$1,766		
Preventive	Patching PCC Full-Depth	33 yd^2	$2,368		
Preventive	Patching PCC Partial-Depth	47 ft^2	$1,094		
Major Under Critical	Major M&R	120,772 ft^2	$96,672		
Total Cost	$102,084				
Taxiways Alpha South, Bravo, Alpha North and Foxtrot (T01A, T05A, T07A, T08A and T09A)					
Preventive	Crack Sealing-PCC	631 lf	$1,616	85	94
Preventive	Joint Sealing (Localized)	2,504 lf	$5,233		
Preventive	Patching PCC Partial-Depth	245 ft^2	$5,763		
Major Under Critical	Major M&R	111,478 ft^2	$472,885		
Total Cost	$485,468				
Taxiway Charlie (T02C, T03C and T12C)					
Major Under Critical	Major M&R	37,483 ft^2	$189,677	41	96
Total Cost	$188,677				
Taxiway Delta (T04C)					
Total Cost	0			64	64
Taxiway Echo (T06C)					
Major Under Critical	Major M&R	23,585 ft^2	$90,240	39	100
Total Cost	$90,240				
Overflow Apron Taxiway (T10C)					
Major Under Critical	Major M&R	55,128 ft^2	$314,097	24	100
Total Cost	$314,097				
Taxiway 1 (T11C)					
Major Under Critical	Major M&R	24,067 ft^2	$119,558	30	100
Total Cost	$119,558				
North and South Warm-up Aprons (A01B and A21B)					
Preventive	Crack Sealing-PCC	94 lf	$241	98	98
Preventive	Joint Sealing (Localized)	746 lf	$1,576		

(Page 1 of 3) (* Before and After PCI Values are from MicroPAVER M&R Work Plan)

Table 4-5
KAFB, Recommendations for M&R (Unlimited Funds)

MicroPAVER Policy	Work Description	Quantity & Work Unit	Work Cost	Average PCI Condition	
				* Before	* After
North and South Warm-up Aprons (A01B and A21B) (Continued)					
Preventive	Patching PCC Partial-Depth	108 ft^2	$2,542	98	98
Total Cost	$4,359				
Overflow Apron (A02B)					
Major Under Critical	Major M&R	126,592 ft^2	$579,121	25	100
Total Cost	$579,121				
Aircraft Parking Pads (A03B)					
Preventive	Joint Seal (Localized)	4,425 lf	$9,249	97	97
Total Cost	$9,249				
Filet, Parking Apron, Parking Apron 2 & Alpha Apron South (A04B, A05B, A06B, A08B, A17B and A18B)					
Preventive	Crack Sealing-PCC	5,773 lf	$14,779	50	93
Preventive	Joint Seal (Localized)	9,697 lf	$20,268		
Preventive	Patching PCC Partial-Depth	336 ft^2	$7,900		
Preventive	Slab Replacement-PCC	30 yd^2	$2,106		
Major Under Critical	Major M&R	178,210 ft^2	$858,238		
Total Cost	$903,290				
Taxi-lanes, Apron 2, 1 and Maintenance Apron (A07A, A12A and A26A)					
Preventive	Crack Sealing-PCC	79 lf	$203	75	92
Preventive	Grinding (Localized)	23 yd^2	$217		
Preventive	Joint Seal (Localized)	2,404 lf	$5,025		
Preventive	Patching PCC Partial-Depth	76 ft^2	$1,778		
Preventive	Patching PCC Full-Depth	12 yd^2	$838		
Major Under Critical	Major M&R	12,070 ft^2	$33,285		
Total Cost	$41,345				
Parking Apron 1 and Maintenance Apron (A10B and A23B)					
Preventive	Patching PCC Partial-Depth	49 ft^2	$1,157	73	100
Major Under Critical	Major M&R	311,600 ft^2	$1,451,827		
Major Above Critical	Major M&R	16,950 ft^2	$30,039		
Total Cost	$1,483,023				
Nose Dock Access Apron (A11B)					
Preventive	Crack Sealing-PCC	195 lf	$498	62	89
Major Under Critical	Major M&R	3,936 ft^2	$16,420		
Total Cost	$16,918				
Additional Parking Apron (A14B)					
Preventive	Crack Sealing-PCC	183 lf	$470	61	95

(Page 2 of 3) (* Before and After PCI Values are from MicroPAVER M&R Work Plan)

Table 4-5
KAFB, Recommendations for M&R (Unlimited Funds)

MicroPAVER Policy	Work Description	Quantity & Work Unit	Work Cost	Average PCI Condition	
				* Before	* After
Additional Parking Apron (A14B) (Continued)					
Preventive	Joint Seal (Localized)	4,479 lf	$9,361	61	95
Preventive	Patching PCC Full-Depth	27 yd^2	$1,969		
Preventive	Patching PCC Partial-Depth	91 ft^2	$2,144		
Major Under Critical	Major M&R	10,542 ft^2	$54,224		
Total Cost	$68,167				
Aircraft Wash-rack (A15B)					
Major Under Critical	Major M&R	16,108 ft^2	$83,973	31	100
Total Cost	$83,973				
Parking Apron 3 Transition and Parking Apron 3 (A19B and A20B)					
Major Under Critical	Major M&R	11,693 ft^2	$56,909	55	100
Major Above Critical	Major M&R	392,700 ft^2	$859,061		
Total Cost	$915,970				
Hangar Access (A22 and A24)					
Preventive	Crack Sealing-PCC	67 lf	$172	35	94
Major Under Critical	Major M&R	127,400 ft^2	$827,293		
Total Cost	$827,465				
Hangar Apron (A25B)					
Preventive	Crack Sealing PCC	980 lf	$2,509	78	78
Preventive	Grinding (Localized	11 yd^2	$104		
Preventive	Joint seal (Localized)	9,433 lf	$19,714		
Preventive	Patching PCC Partial-Depth	158 ft^2	$2,710		
Total Cost	$26,037				
Alpha Apron (A27B)					
Major Under Critical	Major M&R	22,400 ft^2	$59,856	67	100
Total Cost	$59,856				
North and South Warm-up Aprons (Shoulders) (A28D and A29D)					
Preventive	Crack Sealing-AC	2,883 lf	$7,381	56	56
Preventive	Patching-AC Deep	20 ft^2	$99		
Total Cost	$7,480				
(Page 3 of 3) (* Before and After PCI Values are from MicroPAVER M&R Work Plan)					

Note: Costs may vary due to local unit costs, in-house maintenance/repair capability, contract availability, and job size.

Table 4-6
KAFB, Recommendations for Stopgap and Preventive M&R (No Major M&R)

MicroPAVER Policy	Work Description	Quantity and Work Unit	Work Costs	Average PCI	
				* Before	* After
Preventive	Crack Sealing-AC	3,831 lf	$9,807	64	64
Preventive	Crack Sealing-PCC	11,705 lf	$29,965		
Preventive	Grinding (Localized)	373 yd^2	$3,464		
Preventive	Joint Seal (Localized)	62,912 lf	$131,486		
Preventive	Patching AC Deep	29 ft^2	$99		
Preventive	Patching PCC Full-Depth	142 yd^2	$10,218		
Preventive	Patching PCC Partial-Depth	1,431 ft^2	$33,629		
Preventive	Slab Replacement-PCC	178 yd^2	$12,399		
Stop-gap	Crack Sealing-AC	105,264 lf	$270,756		
Stop-gap	Crack Sealing-PCC	15,785 lf	$40,410		
Stop-gap	Grinding (Localized)	23 yd^2	$217		
Stop-gap	Joint Seal (Localized)	48,333 lf	$101,016		
Stop-gap	Patching-AC Deep	1,978 ft^2	$9,870		
Stop-gap	Patching-AC Leveling	592 ft^2	$590		
Stop-gap	Patching PCC Full-Depth	1,277 yd^2	$91,740		
Stop-gap	Patching PCC Partial-Depth	1,673 ft^2	$39,303		
Stop-gap	Slab Replacement-PCC	262 yd^2	$18,226		
Subtotal	Preventive	$231,067			
Subtotal	Stopgap	$572,121			
Total	$803,193				

(* Before and After PCI Values are from MicroPAVER M&R Work Plan)

Note: Costs may vary due to local unit costs, in-house maintenance/repair capability, contract availability, and job size.

Five-Year Work Plan

MicroPAVER computes the 5-Year Work Plan based on projected PCI condition, M&R treatments as defined by the maintenance policy, and representative unit costs for the selected M&R treatments. (The cost guide for the M&R treatments was shown in Table 4-3).

Table 4-7 shows the MicroPAVER 5-Year Work Plan results for four funding scenarios. Note that these are funds to maintain the PCI of primary pavements at or above 70, secondary and tertiary pavements at or above a PCI of 55.

Results of the four annual funding scenarios for KAFB are shown in Figures 4-5 through 4-6. Each figure also shows the amount of unfunded M&R that would result from the budget scenarios. The MicroPAVER analysis indicates:

- With an annual budget of $1,000,000, a total of $4,977,382 would be spent over the 5-year period. The unfunded backlog at the end of the fifth year would be $6,056,035.

- With an annual budget of $3,000,000, a total of $9,712,891 would be spent over the 5-year period. There would be no unfunded backlog.

- With an annual budget of $5,000,000, a total of $9,191,630 would be spent over the 5-year period. There would be no unfunded backlog.

- With an unlimited annual budget, $8,606,604 would be spent over the 5-year period. There would be no unfunded backlog.

These fixed annual budgets assume that funds are available. The unlimited annual budget means all pavement maintenance and repair can be accomplished during the first year, with the only expenses after the first year being preventive maintenance.

Table 4-7
KAFB Funded M&R with Projected PCI Value

Year	Budget					PCI Condition	
	Funded				Unfunded	*Before	*After
	Stopgap	Preventive	Major Under Critical	Major Above Critical			
$1,000,000 Annual Budget							
2001	$562,912	$226,598	$177,561	$30,039	$7,849,596	64	66
2002	$51,278	$12,083	$22,092	$912,832	$7,426,098	64	66
2003	$54,700	$13,524	$926,890	0	$7,005,437	64	68
2004	$57,608	$16,193	$926,160	0	$6,447,828	64	70
2005	$59,438	$17,200	$915,273	0	$6,056,035	68	73
Total	$4,977,382						
$3,000,000 Annual Budget							
2001	$538,494	$148,653	$1,421,628	$889,100	$5,746,470	64	70
2002	$30,006	$12,083	$2,948,490	0	$3,1,63,434	67	85
2003	$9,844	$13,524	$1,817,608	0	$1,586,009	83	92
2004	0	$16,193	$1,657,159	0	0	89	90
2005	0	$18,085	$192,024	0	0	88	89
Total	$9,712,891						
$5,000,000 Annual Budget							
2001	$412,419	$148,653	$3,546,145	$889,100	$3,621,954	64	89
2002	0	$12,083	$3,856,611	0	0	78	93
2003	0	$13,524	$85,729	0	0	91	92
2004	0	$16,193	0	0	0	89	89
2005	0	$19,149	$192,024	0	0	87	89
Total	$ 9,191,630						
$ Unlimited Annual Budget							
2001	0	$148,653	$7,168,098	$889,100	0	64	95
2002	0	$12,083	$61,328	0	0	92	93
2003	0	$13,524	$85,729	0	0	90	91
2004	0	$16,193	0	0	0	89	89
2005	0	$19,874	$192,024	0	0	87	88
Total	$8,606,604						
(* Before and After PCI Values are from MicroPAVER M&R Work Plan)							

Note: Costs may vary due to local unit costs, in-house maintenance/repair capability, contract availability, and job size.

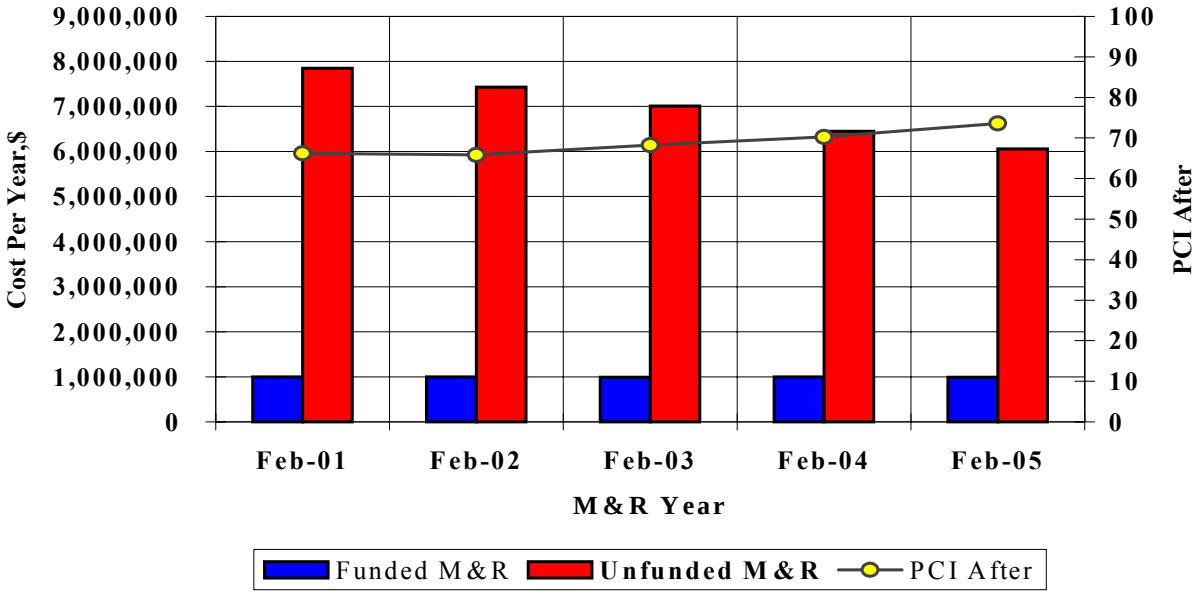


Figure 4-8. KAFB, budget scenario, $1,000,000/year for 5-year plan.

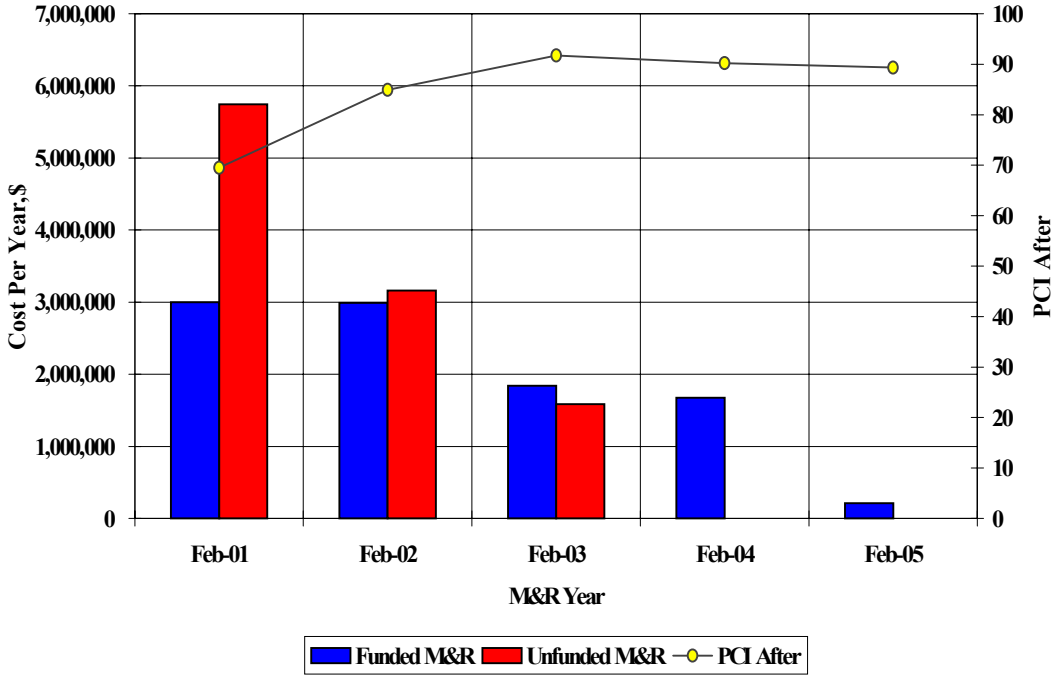


Figure 4-9. KAFB, budget scenario, $3,000,000/year for 5-year plan.

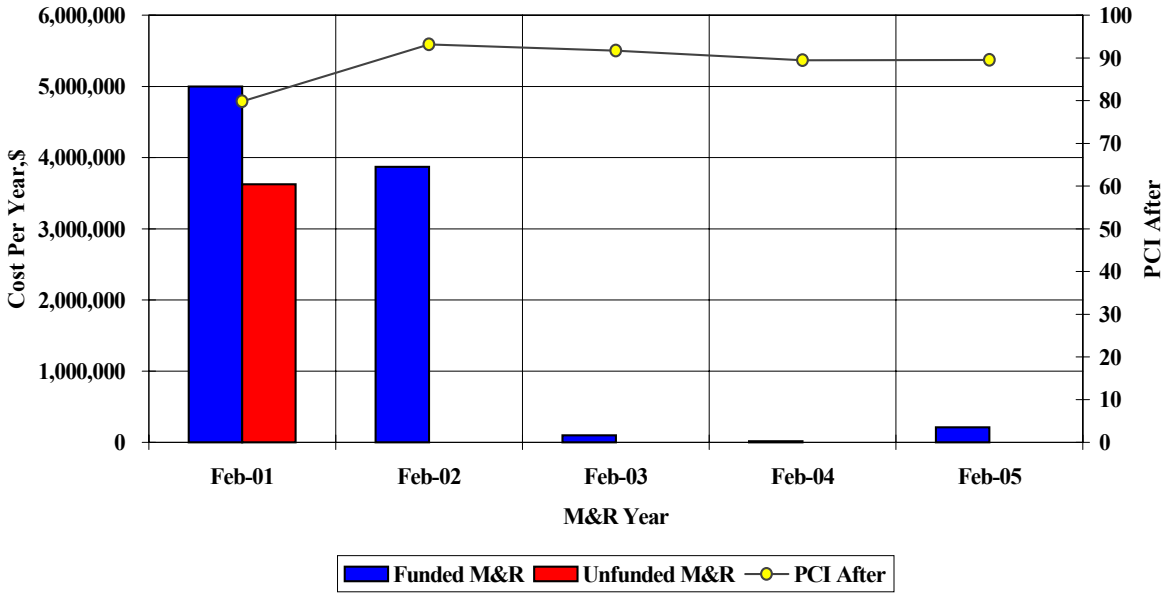


Figure 4-10. KAFB, budget scenario, $5,000,000/year for 5-year plan.

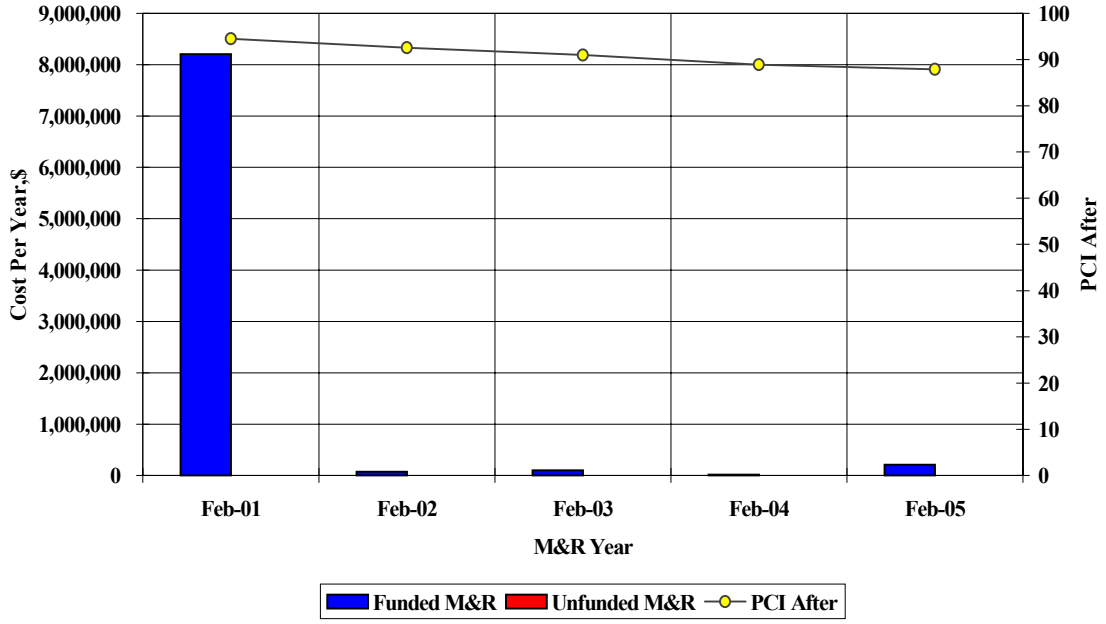


Figure 4-11. KAFB, unlimited budget scenario, for 5-year plan.

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Airfield Pavement Evaluation Report, Keesler Air Force Base Mississippi, Air Force Civil Engineer Support Agency, Tyndall AFB, FL, October 2000.

Runway Friction Characteristics Evaluation Report, Kessler Air Force Base Mississippi, Air Force Civil Engineer Support Agency, Tyndall AFB, FL, March 1991.

Airfield Pavement Condition Survey Report, AFR 93-5, Keesler Air Force Base Mississippi, Air Force Civil Engineer Support Agency, Tyndall AFB, FL, July 1988.

Appendix A

KAFB

Branch Condition Report

Branch Report

Pavement Database: KEESLER NetworkID: Keesler

Branch ID	Number of Sections	Sum Section Length (LF)	Avg Section Width (LF)	True Area (SF)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
A01B (Warm-up Apron)	1	604.00	130.00	78,520.00	APRON	97.00	0.00	97.00
A02B (Overflow Apron)	5	2,074.00	67.50	102,525.00	APRON	25.60	1.74	25.46
A03B (Aircraft Parking Pads)	4	640.00	75.00	48,000.00	APRON	97.25	1.48	97.25
A04B (Filet, T/W 2 & Pkg Apron)	1	121.00	42.00	5,082.00	APRON	37.00	0.00	37.00
A05B (Parking Apron 2)	2	1,539.70	40.00	61,588.00	APRON	41.50	1.50	42.41
A06B (Parking Apron 2)	2	413.75	181.61	115,419.04	APRON	80.50	0.50	80.98
A07A (Taxilane on Apron 2)	2	305.81	39.00	12,070.30	APRON	66.50	1.50	65.77
A08B (Parking Apron 2)	1	50.00	201.75	10,087.50	APRON	24.00	0.00	24.00
A10B (Parking Apron 1)	2	1,379.00	214.13	328,550.01	APRON	59.50	20.50	41.12
A11B (Nose Dock Access Apron)	2	324.60	24.25	7,871.55	APRON	62.00	16.00	62.00
A12A (Taxilane on Apron 1)	1	625.00	37.60	23,500.00	APRON	70.00	0.00	70.00
A14B (Add, Parking Apron 2)	2	688.50	159.50	104,791.50	APRON	61.00	29.00	84.17
A15B (Aircraft Washrack)	1	113.04	142.50	16,108.20	APRON	31.00	0.00	31.00
A17B (Alpha Apron South)	2	1,551.08	86.00	101,453.90	APRON	35.50	8.50	34.52
A18B (Parking Apron 2)	1	1,105.00	160.00	176,800.00	APRON	78.00	0.00	78.00
A19B (Prking Apron 3-Transition)	1	212.60	55.00	11,693.00	APRON	36.00	0.00	36.00

Pavement Database: KEESLER NetworkID: Keesler

Branch ID	Number of Sections	Sum Section Length (LF)	Avg Section Width (LF)	True Area (SF)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
A20B (Parking Apron 3)	1	1,785.00	220.00	392,700.01	APRON	74.00	0.00	74.00
A21B (Warm-up Apron)	1	561.00	130.00	72,930.00	APRON	98.00	0.00	98.00
A22C (Hangar Access)	1	325.00	196.00	63,700.00	APRON	9.00	0.00	9.00
A23B (Maintenance Apron)	1	225.00	140.00	31,500.00	APRON	99.00	0.00	99.00
A24C (Hangar Apron)	2	450.00	107.51	66,077.50	APRON	48.50	32.50	18.34
A25B (Hangar Apron)	1	625.00	201.75	126,093.75	APRON	78.00	0.00	78.00
A26A (Maintenance Apron T/W)	1	300.00	68.00	20,400.00	APRON	96.00	0.00	96.00
A27B (Alpha Apron)	1	140.00	160.00	22,400.00	APRON	67.00	0.00	67.00
A28D (South Warm-up Shoulder)	1	982.00	25.00	24,550.00	OTHER	53.00	0.00	53.00
A29D (North Warm-up Shoulder)	1	937.00	25.00	23,425.00	OTHER	59.00	0.00	59.00
R01A (R/W 03/21 Overrun)	3	1,405.00	50.00	90,375.00	RUNWAY	95.67	1.25	95.92
R02C (R/W 03/21 Overrun)	2	1,620.60	37.50	60,772.50	RUNWAY	56.00	2.00	56.00
R03A (R/W 03/21)	3	1,800.00	50.00	90,000.00	RUNWAY	97.00	0.82	97.25
R04A (R/W 03/21)	3	1,200.00	50.00	60,000.00	RUNWAY	64.00	9.90	62.25
R05C (R/W 03/21)	3	6,729.33	50.00	336,466.51	RUNWAY	57.67	3.77	57.03
R06C (R/W 03/21)	3	207.84	50.00	10,392.00	RUNWAY	65.33	11.44	65.50

Pavement Database: KEESLER NetworkID: Keesler

Branch ID	Number of Sections	Sum Section Length (LF)	Avg Section Width (LF)	True Area (SF)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
R07C (R/W 03/21)	3	1,494.75	50.00	74,731.13	RUNWAY	59.00	2.94	58.33
R08C (R/W 03/21)	3	2,250.00	50.00	112,500.00	RUNWAY	63.33	7.13	61.50
R09C (R/W 03/21)	3	240.00	50.00	12,000.00	RUNWAY	69.00	3.56	68.25
R10A (R/W 03/21)	3	3,000.00	50.00	150,000.00	RUNWAY	96.00	1.41	95.75
R11C (R/W 03/21 Overrun)	2	1,600.00	37.50	60,000.00	RUNWAY	52.00	11.00	52.00
R12A (R/W 03/21 Overrun)	3	1,400.00	50.00	90,000.00	RUNWAY	97.67	3.30	94.17
T01A (T/W 2-Alpha South & Bravo)	2	1,875.00	75.00	140,625.00	TAXIWAY	91.50	2.50	91.09
T02C (T/W 3-Charlie)	1	314.31	100.00	31,431.00	TAXIWAY	79.00	0.00	79.00
T03C (T/W 3-Charlie)	2	297.14	65.00	23,169.00	TAXIWAY	42.00	0.00	42.00
T04C (T/W 4-Delta)	1	453.13	75.00	33,984.75	TAXIWAY	64.00	0.00	64.00
T05A (T/W 6-Alpha Center)	1	1,486.37	75.00	111,477.75	TAXIWAY	45.00	0.00	45.00
T06C (T/W 5-Echo)	2	450.58	67.60	23,585.00	TAXIWAY	39.50	14.50	50.86
T07A (T/W 6-Alpha North)	1	1,750.95	100.00	175,095.00	TAXIWAY	98.00	0.00	98.00
T08A (T/W 6-Alph North)	1	87.43	100.00	8,743.00	TAXIWAY	100.00	0.00	100.00
T09A (T/W 6-Foxtrot)	1	766.42	75.00	57,481.50	TAXIWAY	90.00	0.00	90.00
T10C (T/W 1-Overflow Apron T/W)	1	1,470.08	37.50	55,128.00	TAXIWAY	25.00	0.00	25.00

Pavement Database: KEESLER NetworkID: Keesler

Branch ID	Number of Sections	Sum Section Length (LF)	Avg Section Width (LF)	True Area (SF)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
T11C (Taxiway 1)	2	459.29	65.15	24,066.81	TAXIWAY	30.50	5.50	34.66
T12C (T/W 2-Charlie)	2	298.27	41.00	14,313.98	TAXIWAY	22.50	2.50	20.72

Use Category	Number of Sections	Total Area (SF)	Arithmetic Average PCI	Average PCI STD.	Weighted Average PCI
APRON	39	1,999,861.28	59.51	28.79	62.58
OTHER	2	47,975.00	56.00	3.00	55.93
RUNWAY	34	1,147,237.15	73.82	18.31	71.90
TAXIWAY	17	699,100.82	56.06	28.74	72.05
All	92	3,894,174.25	64.09	26.18	66.95

Appendix B

KAFB

Section Condition Report

Pavement Database: KEESLER NetworkID: Keesler

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SF)	Last Inspection	Age At Inspectio	PCI
A01B (Warm-up Apron)	01	01/01/1973	PCC	APRON	S	0	78,520.00	02/03/2001	28	97.00
A02B (Overflow Apron)	01	01/01/1975	AC	APRON	S	0	53,025.00	02/03/2001	26	24.00
A02B (Overflow Apron)	02	01/01/1975	AC	APRON	S	0	1,875.00	02/03/2001	26	25.00
A02B (Overflow Apron)	03	01/01/1975	AC	APRON	S	0	11,250.00	02/03/2001	26	25.00
A02B (Overflow Apron)	04	01/01/1975	AC	APRON	S	0	11,250.00	02/03/2001	26	25.00
A02B (Overflow Apron)	05	01/01/1975	AC	APRON	S	0	25,125.00	02/03/2001	26	29.00
A03B (Aircraft Parking Pads)	01	01/01/1981	PCC	APRON	S	0	12,000.00	02/03/2001	20	98.00
A03B (Aircraft Parking Pads)	02	01/01/1981	PCC	APRON	S	0	12,000.00	02/03/2001	20	99.00
A03B (Aircraft Parking Pads)	03	01/01/1981	PCC	APRON	S	0	12,000.00	02/03/2001	20	97.00
A03B (Aircraft Parking Pads)	04	01/01/1981	PCC	APRON	S	0	12,000.00	02/03/2001	20	95.00
A04B (Filet, T/W 2 & Pkg Apron)	01	01/01/1973	AC	APRON	P	0	5,082.00	02/03/2001	28	37.00
A05B (Parking Apron 2)	01	01/01/1985	AC	APRON	P	0	49,560.00	02/03/2001	16	43.00
A05B (Parking Apron 2)	02	01/01/1985	AC	APRON	P	0	12,028.00	02/03/2001	16	40.00
A06B (Parking Apron 2)	01	01/01/1974	PCC	APRON	P	0	113,138.08	02/03/2001	27	81.00
A06B (Parking Apron 2)	02	01/01/1974	PCC	APRON	P	0	2,280.96	02/03/2001	27	80.00
A07A (Taxilane on Apron 2)	01	01/01/1974	PCC	APRON	P	0	3,079.90	02/03/2001	27	68.00
A07A (Taxilane on Apron 2)	02	01/01/1974	PCC	APRON	P	0	8,990.40	02/03/2001	27	65.00
A08B (Parking Apron 2)	01	01/01/1975	AC	APRON	P	0	10,087.50	02/03/2001	26	24.00
A10B (Parking Apron 1)	01	01/01/1942	PCC	APRON	S	0	311,600.01	02/03/2001	59	39.00
A10B (Parking Apron 1)	02	01/01/1988	PCC	APRON	S	0	16,950.00	02/03/2001	13	80.00
A11B (Nose Dock Access Apron)	01	01/01/1975	PCC	APRON	S	0	3,935.78	02/03/2001	26	46.00
A11B (Nose Dock Access Apron)	02	01/01/1975	PCC	APRON	S	0	3,935.78	02/03/2001	26	78.00
A12A (Taxilane on Apron 1)	01	01/01/1981	PCC	APRON	P	0	23,500.00	02/03/2001	20	70.00
A14B (Add, Parking Apron 2)	01	01/01/1977	PCC	APRON	S	0	10,541.50	02/03/2001	24	32.00
A14B (Add, Parking Apron 2)	02	01/01/1977	PCC	APRON	S	0	94,250.00	02/03/2001	24	90.00
A15B (Aircraft Washrack)	01	01/01/1974	PCC	APRON	T	0	16,108.20	02/03/2001	27	31.00

Pavement Database: KEESLER NetworkID: Keesler

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SF)	Last Inspection	Age At Inspectio	PCI
A17B (Alpha Apron South)	01	01/01/1975	AC	APRON	P	0	44,908.00	02/03/2001	26	44.00
A17B (Alpha Apron South)	02	01/01/1975	AC	APRON	P	0	56,545.90	02/03/2001	26	27.00
A18B (Parking Apron 2)	01	01/01/1974	PCC	APRON	P	0	176,800.00	02/03/2001	27	78.00
A19B (Prking Apron 3-Transition)	01	01/01/1970	AC	APRON	P	0	11,693.00	02/03/2001	31	36.00
A20B (Parking Apron 3)	01	01/01/1952	PCC	APRON	P	0	392,700.01	02/03/2001	49	74.00
A21B (Warm-up Apron)	01	01/01/1973	PCC	APRON	S	0	72,930.00	02/03/2001	28	98.00
A22C (Hangar Access)	01	01/01/1942	PCC	APRON	S	0	63,700.00	02/03/2001	59	9.00
A23B (Maintenance Apron)	01	01/01/1988	PCC	APRON	S	0	31,500.00	02/03/2001	13	99.00
A24C (Hangar Apron)	01	01/01/1942	PCC	APRON	S	0	63,700.00	02/03/2001	59	16.00
A24C (Hangar Apron)	02	01/01/1988	PCC	APRON	S	0	2,377.50	02/03/2001	13	81.00
A25B (Hangar Apron)	01	01/01/1986	PCC	APRON	P	0	126,093.75	02/03/2001	15	78.00
A26A (Maintenance Apron T/W)	01	01/01/1988	PCC	APRON	P	0	20,400.00	02/03/2001	13	96.00
A27B (Alpha Apron)	01	01/01/1974	PCC	APRON	P	0	22,400.00	02/03/2001	27	67.00
A28D (South Warm-up Shoulder)	01	01/01/1985	AC	OTHER	T	0	24,550.00	02/03/2001	16	53.00
A29D (North Warm-up Shoulder)	01	01/01/1985	AC	OTHER	T	0	23,425.00	02/03/2001	16	59.00
R01A (R/W 03/21 Overrun)	01	01/01/1982	PCC	RUNWAY	P	0	7,500.00	02/03/2001	19	94.00
R01A (R/W 03/21 Overrun)	02	01/01/1982	PCC	RUNWAY	P	0	75,375.00	02/03/2001	19	96.00
R01A (R/W 03/21 Overrun)	03	01/01/1982	PCC	RUNWAY	P	0	7,500.00	02/03/2001	19	97.00
R02C (R/W 03/21 Overrun)	01	01/01/1973	AC	RUNWAY	S	0	30,386.25	02/03/2001	28	54.00
R02C (R/W 03/21 Overrun)	02	01/01/1973	AC	RUNWAY	S	0	30,386.25	02/03/2001	28	58.00
R03A (R/W 03/21)	01	01/01/1977	PCC	RUNWAY	P	0	22,500.00	02/03/2001	24	97.00
R03A (R/W 03/21)	02	01/01/1977	PCC	RUNWAY	P	0	45,000.00	02/03/2001	24	98.00
R03A (R/W 03/21)	03	01/01/1977	PCC	RUNWAY	P	0	22,500.00	02/03/2001	24	96.00
R04A (R/W 03/21)	01	01/01/1986	AC	RUNWAY	P	0	15,000.00	02/03/2001	15	57.00
R04A (R/W 03/21)	02	01/01/1986	AC	RUNWAY	P	0	30,000.00	02/03/2001	15	57.00
R04A (R/W 03/21)	03	01/01/1986	AC	RUNWAY	P	0	15,000.00	02/03/2001	15	78.00

Pavement Database: KEESLER NetworkID: Keesler

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SF)	Last Inspection	Age At Inspectio	PCI
R05C (R/W 03/21)	01	01/01/1986	AC	RUNWAY	P	0	85,333.50	02/03/2001	15	63.00
R05C (R/W 03/21)	02	01/01/1986	AC	RUNWAY	P	0	168,233.25	02/03/2001	15	55.00
R05C (R/W 03/21)	03	01/01/1986	AC	RUNWAY	P	0	82,899.75	02/03/2001	15	55.00
R06C (R/W 03/21)	01	01/01/1986	AC	RUNWAY	P	0	2,598.00	02/03/2001	15	79.00
R06C (R/W 03/21)	02	01/01/1986	AC	RUNWAY	P	0	5,196.00	02/03/2001	15	66.00
R06C (R/W 03/21)	03	01/01/1986	AC	RUNWAY	P	0	2,598.00	02/03/2001	15	51.00
R07C (R/W 03/21)	01	01/01/1986	AC	RUNWAY	P	0	17,461.13	02/03/2001	15	58.00
R07C (R/W 03/21)	02	01/01/1986	AC	RUNWAY	P	0	37,356.00	02/03/2001	15	56.00
R07C (R/W 03/21)	03	01/01/1986	AC	RUNWAY	P	0	19,914.00	02/03/2001	15	63.00
R08C (R/W 03/21)	01	01/01/1986	AC	RUNWAY	P	0	28,125.00	02/03/2001	15	73.00
R08C (R/W 03/21)	02	01/01/1986	AC	RUNWAY	P	0	56,250.00	02/03/2001	15	56.00
R08C (R/W 03/21)	03	01/01/1986	AC	RUNWAY	P	0	28,125.00	02/03/2001	15	61.00
R09C (R/W 03/21)	01	01/01/1986	AC	RUNWAY	P	0	3,000.00	02/03/2001	15	74.00
R09C (R/W 03/21)	02	01/01/1986	AC	RUNWAY	P	0	6,000.00	02/03/2001	15	66.00
R09C (R/W 03/21)	03	01/01/1986	AC	RUNWAY	P	0	3,000.00	02/03/2001	15	67.00
R10A (R/W 03/21)	01	01/01/1973	PCC	RUNWAY	P	0	37,500.00	02/03/2001	28	98.00
R10A (R/W 03/21)	02	01/01/1973	PCC	RUNWAY	P	0	75,000.00	02/03/2001	28	95.00
R10A (R/W 03/21)	03	01/01/1973	PCC	RUNWAY	P	0	37,500.00	02/03/2001	28	95.00
R11C (R/W 03/21 Overrun)	01	01/01/1973	AC	RUNWAY	S	0	30,000.00	02/03/2001	28	41.00
R11C (R/W 03/21 Overrun)	02	01/01/1973	AC	RUNWAY	S	0	30,000.00	02/03/2001	28	63.00
R12A (R/W 03/21 Overrun)	01	01/01/1982	PCC	RUNWAY	P	0	7,500.00	02/03/2001	19	100.00
R12A (R/W 03/21 Overrun)	02	01/01/1982	PCC	RUNWAY	P	0	75,000.00	02/03/2001	19	93.00
R12A (R/W 03/21 Overrun)	03	01/01/1982	PCC	RUNWAY	P	0	7,500.00	02/03/2001	19	100.00
T01A (T/W 2-Alpha South & Bravo)	01	01/01/1973	PCC	TAXIWAY	P	0	81,900.00	02/03/2001	28	89.00
T01A (T/W 2-Alpha South & Bravo)	02	01/01/1973	PCC	TAXIWAY	P	0	58,725.00	02/03/2001	28	94.00
T02C (T/W 3-Charlie)	01	01/01/1986	AC	TAXIWAY	S	0	31,431.00	02/03/2001	15	79.00
T03C (T/W 3-Charlie)	01	01/01/1983	AC	TAXIWAY	S	0	2,805.00	02/03/2001	18	42.00

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SF)	Last Inspection	Age At Inspectio	PCI
T03C (T/W 3-Charlie)	02	01/01/1983	AC	TAXIWAY	S	0	20,364.00	02/03/2001	18	42.00
T04C (T/W 4-Delta)	01	01/01/1986	AC	TAXIWAY	S	0	33,984.75	02/03/2001	15	64.00
T05A (T/W 6-Alpha Center)	01	01/01/1985	AC	TAXIWAY	P	0	111,477.75	02/03/2001	16	45.00
T06C (T/W 5-Echo)	01	01/01/1975	AC	TAXIWAY	S	0	21,029.00	02/03/2001	26	54.00
T06C (T/W 5-Echo)	02	01/01/1975	AC	TAXIWAY	S	0	2,556.00	02/03/2001	26	25.00
T07A (T/W 6-Alpha North)	01	01/01/2000	AC	TAXIWAY	P	0	175,095.00	01/01/2000	0	98.00
T08A (T/W 6-Alph North)	01	01/01/2000	AC	TAXIWAY	P	0	8,743.00	02/03/2001	1	100.00
T09A (T/W 6-Foxtrot)	01	01/01/1973	PCC	TAXIWAY	P	0	57,481.50	02/03/2001	28	90.00
T10C (T/W 1-Overflow Apron T/W)	01	01/01/1975	AC	TAXIWAY	S	0	55,128.00	02/03/2001	26	25.00
T11C (Taxiway 1)	01	01/01/1975	AC	TAXIWAY	S	0	21,145.50	02/03/2001	26	36.00
T11C (Taxiway 1)	02	01/01/1975	AC	TAXIWAY	S	0	2,921.31	02/03/2001	26	25.00
T12C (T/W 2-Charlie)	01	01/01/1974	AC	TAXIWAY	S	0	2,073.98	02/03/2001	27	25.00
T12C (T/W 2-Charlie)	02	01/01/1974	AC	TAXIWAY	S	0	12,240.00	02/03/2001	27	20.00

Age Category	Average Age At Inspection	Total Area (SF)	Number of Section	Arithmetic Average PCI	PCI Standard Deviation	Weighted Average PCI
0-02	**0.50**	**183,838.00**	**2**	**99.00**	**1.00**	**98.10**
11-15	**14.68**	**868,826.65**	**25**	**68.48**	**12.55**	**65.40**
16-20	**18.33**	**496,084.76**	**18**	**75.72**	**24.64**	**70.03**
21-25	**24.00**	**194,791.50**	**5**	**82.60**	**25.45**	**90.21**
26-30	**26.95**	**1,307,240.31**	**37**	**55.03**	**27.50**	**69.08**
31-35	**31.00**	**11,693.00**	**1**	**36.00**	**0.00**	**36.00**
over 40	**56.50**	**831,700.02**	**4**	**34.50**	**25.36**	**51.47**
All	**22.52**	**3,894,174.25**	**92**	**64.09**	**26.18**	**66.95**

Appendix C

KAFB

Shoulders

Inspection Reports

Pages 1 through 4

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'OTHER'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A28D **Name:** South Warm-up Shoulder **Use:** OTHER
Section: 01 **Surface:** AC **Family** T Keesler AC **Last Const:** 1/ 1/1985
From: 00 **To:** 00
Category: **Zone:** **Rank:** T **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area
982.00	25.00	24,550.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	5.	53	5

Sample Number	Type	Size	Units
01	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	100.03	LF
48	L & T CR	M	350.09	LF
52	WEATH/RAVEL	H	300.	SF
52	WEATH/RAVEL	L	4,699.96	SF

Sample Number	Type	Size	Units
02	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	154.04	LF
48	L & T CR	M	500.13	LF
52	WEATH/RAVEL	L	4,999.96	SF

Sample Number	Type	Size	Units
03	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	138.04	LF
48	L & T CR	M	350.09	LF
52	WEATH/RAVEL	L	4,999.96	SF

Sample Number	Type	Size	Units
04	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	103.03	LF
48	L & T CR	M	430.11	LF
52	WEATH/RAVEL	L	4,999.96	SF

Sample Number	Type	Size	Units
05	R	4,550.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'OTHER'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
48	L & T CR	M	266.07	LF
52	WEATH/RAVEL	L	4,549.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
48	L & T CR	L	494.64	LF	2.02	7.45
48	L & T CR	M	1,894.63	LF	7.72	32.19
52	WEATH/RAVEL	H	299.7	SF	1.22	19.29
52	WEATH/RAVEL	L	24,226.11	SF	98.68	26.23

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'OTHER'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A29D **Name:** North Warm-up Shoulder **Use:** OTHER
Section: 01 **Surface:** AC **Family** T Keesler AC **Last Const:** 1/ 1/1985
From: 00 **To:** 00

Category:	Zone:	Rank: T	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
937.00	25.00	23,425.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	5.	59	5

Sample Number	Type	Size	Units
01	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,499.98	SF
48	L & T CR	L	162.04	LF
48	L & T CR	M	220.06	LF

Sample Number	Type	Size	Units
02	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,499.98	SF
48	L & T CR	L	253.06	LF
48	L & T CR	M	200.05	LF

Sample Number	Type	Size	Units
03	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,499.98	SF
48	L & T CR	L	257.07	LF
48	L & T CR	M	244.06	LF

Sample Number	Type	Size	Units
04	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,499.98	SF
48	L & T CR	L	174.04	LF
48	L & T CR	M	225.06	LF

Sample Number	Type	Size	Units
05	R	3,425.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'OTHER'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,026.99	SF
45	DEPRESSION	H	6.	SF
48	L & T CR	L	104.03	LF
48	L & T CR	M	88.02	LF
50	PATCHING	M	18.	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	11,018.07	SF	47.04	27.93
45	DEPRESSION	H	6.	SF	.1	12.
48	L & T CR	L	949.48	LF	4.05	12.65
48	L & T CR	M	976.47	LF	4.17	23.3
50	PATCHING	M	17.99	SF	.1	6.2

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	85.0	Percent Deduct Value
Other	Related Distress =	15.0	Percent Deduct Value

Appendix C

KAFB

Taxiways

Inspection Reports

Pages 1 through 32

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T01A **Name:** T/W 2-Alpha South & Bravo **Use:** TAXIWAY
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1973
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
1,092.00	75.00	81,900.00	15.00	12.50	436.80	10,845.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	18.	89	13

Sample Number	Type	Size	Units
01	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	24.	Slabs
74	JOINT SPALL	L	6.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
03	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
05	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	4.	Slabs
74	JOINT SPALL	L	4.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
07	R	24.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
66	SMALL PATCH	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
08	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	4.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
09	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
11	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
65	JT SEAL DMG	L	24.	Slabs
74	JOINT SPALL	L	8.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
12	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	2.	Slabs

Sample Number	Type	Size	Units
13	R	24.	Slabs

Sample Number	Type	Size	Units
15	R	24.	Slabs

Sample Number	Type	Size	Units
17	R	24.	Slabs

Sample Number	Type	Size	Units
18	R	24.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	24.	Slabs
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	H	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
63	LINEAR CR	L	33.62	Slabs	7.69	6.94
65	JT SEAL DMG	L	100.85	Slabs	23.08	2.
66	SMALL PATCH	L	1.4	Slabs	1.	.15
73	SHRINKAGE CR	L	5.6	Slabs	1.28	.77
74	JOINT SPALL	L	32.21	Slabs	7.37	2.75
74	JOINT SPALL	M	2.8	Slabs	1.	1.
75	CORNER SPALL	H	1.4	Slabs	1.	1.2
75	CORNER SPALL	L	9.8	Slabs	2.24	.91
75	CORNER SPALL	M	1.4	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	42.0	Percent Deduct Value
Climate/Durability	Related Distress =	12.0	Percent Deduct Value
Other	Related Distress =	46.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T01A **Name:** T/W 2-Alpha South & Bravo **Use:** TAXIWAY
Section: 02 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1973
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
783.00	75.00	58,725.00	15.00	12.50	313.20	7,755.00	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	15.	94	11

Sample Number	Type	Size	Units
01	R	25.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	3.	Slabs
63	LINEAR CR	L	1.	Slabs

Sample Number	Type	Size	Units
02	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
03	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
05	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	2.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
07	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	3.	Slabs

Sample Number	Type	Size	Units
09	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
67	LARGE PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
10	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
11	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
13	R	19.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
15	R	11.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	5.13	Slabs	1.64	1.69
63	LINEAR CR	L	5.13	Slabs	1.64	1.79
67	LARGE PATCH	L	1.28	Slabs	1.	.75
74	JOINT SPALL	L	15.39	Slabs	4.92	2.13
75	CORNER SPALL	L	5.13	Slabs	1.64	.72
75	CORNER SPALL	M	1.28	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
Load                Related Distress =   44.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other               Related Distress =   56.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T02C **Name:** T/W 3-Charlie **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1986
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0

Length	Width	Area
314.31	100.00	31,431.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	7.	79	7

Sample Number	Type	Size	Units
01	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	285.07	LF
56	SWELLING	L	1.5	SF

Sample Number	Type	Size	Units
02	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	374.1	LF

Sample Number	Type	Size	Units
03	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	346.09	LF
56	SWELLING	L	12.5	SF

Sample Number	Type	Size	Units
04	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	348.09	LF

Sample Number	Type	Size	Units
05	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	398.1	LF
56	SWELLING	L	5.	SF

Sample Number	Type	Size	Units
06	R	5,000.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	325.08	LF

Sample Number	Type	Size	Units
07	R	1,431.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	301.08	LF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
48	L & T CR	L	2,375.2	LF	7.56	19.61
56	SWELLING	L	18.98	SF	.1	1.

*** Percent of Deduct Values Based on Distress Mechanism ***

Load Related Distress = 0.0 Percent Deduct Value
Climate/Durability Related Distress = 95.0 Percent Deduct Value
Other Related Distress = 5.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T03C **Name:** T/W 3-Charlie **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1983
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
93.50	30.00	2,805.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	42	1

Sample Number	Type	Size	Units
01	R	2,805.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	2,804.98	SF
52	WEATH/RAVEL	L	2,804.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	2,800.6	SF	99.84	52.98
52	WEATH/RAVEL	L	2,800.58	SF	99.84	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0 Percent Deduct Value
Climate/Durability	Related Distress =	100.0 Percent Deduct Value
Other	Related Distress =	0.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T03C **Name:** T/W 3-Charlie **Use:** TAXIWAY
Section: 02 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1983
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
203.64	100.00	20,364.00				

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  4. 42                  4

  Sample Number  Type             Size Units
  01             R             3,000. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      2,999.98 SF
            52 WEATH/RAVEL              L      2,999.96 SF

  Sample Number  Type             Size Units
  02             R             5,000. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      4,999.96 SF
            52 WEATH/RAVEL              L      4,999.92 SF

  Sample Number  Type             Size Units
  03             R             5,000. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      4,999.92 SF
            52 WEATH/RAVEL              L      4,999.96 SF

  Sample Number  Type             Size Units
  04             R             4,800. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      4,799.92 SF
            52 WEATH/RAVEL              L      4,799.96 SF

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        43 BLOCK CR                 M     20,347.43 SF              99.92      52.99
        52 WEATH/RAVEL              L     20,347.45 SF              99.92      26.34

--------------------------------------------------------------------------------
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
*** Percent of Deduct Values Based on Distress Mechanism ***
--------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T04C **Name:** T/W 4-Delta **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1986
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
453.13	75.00	33,984.75				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	8.	64	8

Sample Number	Type	Size	Units
01	R	5,202.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	445.11	LF
52	WEATH/RAVEL	L	5,201.96	SF

Sample Number	Type	Size	Units
02	R	1,722.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,721.99	SF
48	L & T CR	L	79.02	LF
52	WEATH/RAVEL	L	325.	SF
52	WEATH/RAVEL	M	1,396.99	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	389.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	345.09	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	344.09	LF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
            52 WEATH/RAVEL                L      5,624.95 SF

  Sample Number  Type              Size Units
  06             R               5,625. SF

      Distress Description               Sev    Quantity Units
            48 L & T CR                  L        309.08 LF
            52 WEATH/RAVEL               L      5,624.95 SF

  Sample Number  Type              Size Units
  07             R               3,110. SF

      Distress Description               Sev    Quantity Units
            48 L & T CR                  L        167.04 LF
            52 WEATH/RAVEL               L      3,109.97 SF

  Sample Number  Type              Size Units
  08             R               3,839. SF

      Distress Description               Sev    Quantity Units
            48 L & T CR                  L        298.08 LF
            52 WEATH/RAVEL               L      3,838.97 SF

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        43 BLOCK CR                 L      1,608.05 SF              4.73      13.33
        48 L & T CR                 L      2,219.35 LF              6.53      17.81
        52 WEATH/RAVEL              L     32,661.44 SF             96.11      25.98
        52 WEATH/RAVEL              M      1,304.55 SF              3.84      13.59

-------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T05A **Name:** T/W 6-Alpha Center **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1985
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
1,486.37	75.00	111,477.75				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	20.	45	11

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,062.96	SF
43	BLOCK CR	M	563.	SF
47	JT REF. CR	L	900.23	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,061.96	SF
43	BLOCK CR	M	563.	SF
47	JT REF. CR	L	750.19	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,062.96	SF
43	BLOCK CR	M	563.	SF
47	JT REF. CR	L	900.23	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
07	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,062.96	SF
43	BLOCK CR	M	563.	SF
47	JT REF. CR	L	900.23	LF
52	WEATH/RAVEL	L	5,624.95	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
09	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,062.96	SF
43	BLOCK CR	M	563.	SF
47	JT REF. CR	L	900.23	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
11	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,062.96	SF
43	BLOCK CR	M	563.	SF
47	JT REF. CR	L	900.23	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
13	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,624.95	SF
47	JT REF. CR	L	900.23	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
15	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
41	ALLIGATOR CR	L	30.	SF
43	BLOCK CR	L	5,062.96	SF
47	JT REF. CR	L	900.23	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
17	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,012.96	SF
47	JT REF. CR	L	890.23	LF
50	PATCHING	L	70.	SF
52	WEATH/RAVEL	L	5,554.95	SF

Sample Number	Type	Size	Units
19	R	5,625.	SF

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

43	BLOCK CR	L	4,218.96 SF
47	JT REF. CR	L	1,250.32 LF
52	WEATH/RAVEL	L	5,624.95 SF

Sample Number	Type	Size	Units
20	R	4,602.75	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	4,602.71	SF
47	JT REF. CR	L	2,120.54	LF
52	WEATH/RAVEL	L	4,602.71	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
41	ALLIGATOR CR	L	54.91	SF	.1	7.
43	BLOCK CR	L	100,489.79	SF	90.14	34.42
43	BLOCK CR	M	6,183.17	SF	5.55	19.52
47	JT REF. CR	L	20,707.56	LF	18.58	20.45
50	PATCHING	L	128.13	SF	.11	2.
52	WEATH/RAVEL	L	111,258.16	SF	99.8	26.33

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	6.0	Percent Deduct Value
Climate/Durability	Related Distress =	94.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T06C **Name:** T/W 5-Echo **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
420.58	50.00	21,029.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	4.	54	4

Sample Number	Type	Size	Units
01	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	4,999.96	SF
48	L & T CR	L	114.03	LF
52	WEATH/RAVEL	L	4,999.96	SF

Sample Number	Type	Size	Units
02	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	4,999.96	SF
52	WEATH/RAVEL	L	4,999.92	SF

Sample Number	Type	Size	Units
03	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	4,999.96	SF
45	DEPRESSION	M	163.	SF
52	WEATH/RAVEL	L	4,999.96	SF

Sample Number	Type	Size	Units
04	R	5,200.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,199.92	SF
52	WEATH/RAVEL	L	5,199.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	21,013.57	SF	99.93	35.59
45	DEPRESSION	M	169.57	SF	.81	13.93

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

48	L & T CR	L	118.62	LF	.56	4.16
52	WEATH/RAVEL	L	21,013.57	SF	99.93	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load Related Distress = 0.0 Percent Deduct Value
Climate/Durability Related Distress = 83.0 Percent Deduct Value
Other Related Distress = 17.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T06C **Name:** T/W 5-Echo **Use:** TAXIWAY
Section: 02 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
30.00	85.20	2,556.00				

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  1. 25                  1

  Sample Number  Type             Size Units
  01             R              2,556. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      2,555.98 SF
            52 WEATH/RAVEL              M      2,555.96 SF

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        43 BLOCK CR                 M      2,560.94 SF               100.      53.01
        52 WEATH/RAVEL              M      2,560.92 SF               100.      56.77

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T07A **Name:** T/W 6-Alpha North **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/2000
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
	Length	Width	Area			
	1,750.95	100.00	175,095.00			

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
01/01/2000	12.	98	12

Sample Number	Type	Size	Units
02	R	5,000.	SF
06	R	5,000.	SF
07	R	5,000.	SF
10	R	5,000.	SF
12	R	5,000.	SF
14	R	5,000.	SF
18	R	5,000.	SF
22	R	5,000.	SF
26	R	5,000.	SF

Distress Description	Sev	Quantity	Units
45 DEPRESSION	L	228.	SF

Sample Number	Type	Size	Units
30	R	5,000.	SF
32	R	5,000.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
36	R	4,000.	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
45	DEPRESSION	L	675.93	SF	.39	2.37

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	0.0	Percent Deduct Value
Other	Related Distress =	100.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T08A **Name:** T/W 6-Alph North **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/2000
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
	Length	Width	Area			
	87.43	100.00	8,743.00			

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  2. 100                  2

  Sample Number  Type             Size Units
  01             R              5,000. SF

  Sample Number  Type             Size Units
  02             R              3,743. SF

-------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T09A **Name:** T/W 6-Foxtrot **Use:** TAXIWAY
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1973
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area		Width	Slab Length	Slabs	Joint Length
766.42	75.00	57,481.50		12.50	15.00	306.57	7,589.20

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	14.	90	10

Sample Number	Type	Size	Units
01	R	22.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	3.	Slabs
67	LARGE PATCH	L	2.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
02	R	18.	Slabs

Sample Number	Type	Size	Units
04	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	8.	Slabs

Sample Number	Type	Size	Units
07	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
08	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	3.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
10	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	6.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
11	R	27.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	4.	Slabs

Sample Number	Type	Size	Units
12	R	17.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	4.	Slabs
66	SMALL PATCH	M	1.	Slabs
74	JOINT SPALL	L	3.	Slabs

Sample Number	Type	Size	Units
14	R	19.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	3.	Slabs
74	JOINT SPALL	M	4.	Slabs
75	CORNER SPALL	L	4.	Slabs
75	CORNER SPALL	M	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	6.88	Slabs	2.24	2.07
66	SMALL PATCH	L	4.13	Slabs	1.35	.35
66	SMALL PATCH	M	1.38	Slabs	1.	.6
67	LARGE PATCH	L	2.75	Slabs	1.	.75
73	SHRINKAGE CR	L	1.38	Slabs	1.	.6
74	JOINT SPALL	L	38.55	Slabs	12.56	4.15
74	JOINT SPALL	M	6.88	Slabs	2.24	2.78
75	CORNER SPALL	L	12.39	Slabs	4.04	1.48
75	CORNER SPALL	M	1.38	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
Load               Related Distress =   15.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =   85.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T10C **Name:** T/W 1-Overflow Apron T/W **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
1,470.08	37.50	55,128.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	25	10

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.85	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
06	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
07	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
08	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
09	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
10	R	4,503.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	4,502.96	SF
52	WEATH/RAVEL	M	4,502.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	55,090.53	SF	99.93	53.
52	WEATH/RAVEL	M	55,090.03	SF	99.93	56.75

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T11C **Name:** Taxiway 1 **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
422.91	50.00	21,145.50				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	4.	36	4

Sample Number	Type	Size	Units
01	R	6,120.	SF

Distress	Description	Sev	Quantity	Units
41	ALLIGATOR CR	L	1,223.99	SF
43	BLOCK CR	L	3,671.97	SF
48	L & T CR	L	109.03	LF
52	WEATH/RAVEL	L	6,119.95	SF

Sample Number	Type	Size	Units
02	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
41	ALLIGATOR CR	L	1,499.99	SF
43	BLOCK CR	L	3,499.97	SF
52	WEATH/RAVEL	L	4,999.96	SF

Sample Number	Type	Size	Units
03	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,249.97	SF
50	PATCHING	L	749.99	SF
50	PATCHING	M	200.	SF
52	WEATH/RAVEL	L	4,999.96	SF

Sample Number	Type	Size	Units
04	R	5,020.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,509.98	SF
48	L & T CR	L	199.05	LF
50	PATCHING	H	550.	SF
50	PATCHING	L	70.	SF
52	WEATH/RAVEL	L	5,019.96	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
41	ALLIGATOR CR	L	2,723.26	SF	12.88	45.94
43	BLOCK CR	L	12,928.48	SF	61.14	30.38
48	L & T CR	L	308.	LF	1.46	6.
50	PATCHING	H	549.85	SF	2.6	25.
50	PATCHING	L	819.78	SF	3.88	8.49
50	PATCHING	M	199.95	SF	.95	9.28
52	WEATH/RAVEL	L	21,134.24	SF	99.95	26.35

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	30.0	Percent Deduct Value
Climate/Durability	Related Distress =	70.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T11C **Name:** Taxiway 1 **Use:** TAXIWAY
Section: 02 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
36.38	80.30	2,921.31				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	25	1

Sample Number	Type	Size	Units
01	R	2,921.31	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	2,921.29	SF
52	WEATH/RAVEL	M	2,921.27	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	2,925.59	SF	100.	53.01
52	WEATH/RAVEL	M	2,925.57	SF	100.	56.77

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T12C **Name:** T/W 2-Charlie **Use:** TAXIWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1974
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
94.27	22.00	2,073.98				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	25	1

Sample Number	Type	Size	Units
01	R	2,073.98	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	2,073.98	SF
52	WEATH/RAVEL	M	2,073.98	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	2,070.54	SF	99.83	52.98
52	WEATH/RAVEL	M	2,070.54	SF	99.83	56.73

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'TAXIWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: T12C **Name:** T/W 2-Charlie **Use:** TAXIWAY
Section: 02 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1974
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
204.00	60.00	12,240.00				

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  3. 20                  3

  Sample Number  Type             Size Units
  01             R             2,178. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      2,177.98 SF
            52 WEATH/RAVEL              M      2,177.98 SF
            56 SWELLING                 L      2,177.96 SF

  Sample Number  Type             Size Units
  02             R             6,150. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      6,149.95 SF
            52 WEATH/RAVEL              M       6,149.9 SF

  Sample Number  Type             Size Units
  03             R             3,912. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 M      3,911.97 SF
            52 WEATH/RAVEL              M      3,911.94 SF

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        43 BLOCK CR                 M     12,252.11 SF               100.      53.01
        52 WEATH/RAVEL              M     12,252.03 SF               100.      56.77
        56 SWELLING                 L      2,180.13 SF             17.81       22.87

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load              Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =   83.0 Percent Deduct Value
Other             Related Distress =   17.0 Percent Deduct Value
```

Appendix C

KAFB

Runways

Inspection Reports

Pages 1 through 64

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R01A **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1982
From: 0+00 **To:** 10+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
200.00	37.50	7,500.00	12.50	15.00	41.00	862.50	

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  2. 94                  2

  Sample Number  Type              Size Units
  01             R                  21. Slabs

      Distress Description              Sev    Quantity Units
            74 JOINT SPALL              L           1. Slabs
            74 JOINT SPALL              L           1. Slabs

  Sample Number  Type              Size Units
  02             R                  20. Slabs

      Distress Description              Sev    Quantity Units
            63 LINEAR CR                L           1. Slabs
            74 JOINT SPALL              L           2. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        63 LINEAR CR                L           1. Slabs             2.44       2.51
        74 JOINT SPALL              L           4. Slabs             9.76        3.4

-------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------
Load              Related Distress =   43.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other             Related Distress =   57.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R01A **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 02 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1982
From: 0+00 **To:** 10+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes:	0
Length	**Width**	**Area**	**Width**	**Slab Length**	**Slabs**	**Joint Length**	
1,005.00	75.00	75,375.00	12.50	15.00	402.00	9,975.00	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	17.	96	12

Sample Number	Type	Size	Units
01	R	24.	Slabs

Sample Number	Type	Size	Units
02	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
03	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs
66	SMALL PATCH	M	1.	Slabs
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	3.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
05	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
07	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
66	SMALL PATCH	L	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
09	R	24.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	3.	Slabs

Sample Number	Type	Size	Units
11	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
13	R	24.	Slabs

Sample Number	Type	Size	Units
14	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
15	R	24.	Slabs

Sample Number	Type	Size	Units
16	R	24.	Slabs

Sample Number	Type	Size	Units
17	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
75	CORNER SPALL	L	2.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	1.43	Slabs	1.	.7
66	SMALL PATCH	L	4.28	Slabs	1.06	.2
66	SMALL PATCH	M	1.43	Slabs	1.	.6
73	SHRINKAGE CR	L	1.43	Slabs	1.	.6
74	JOINT SPALL	L	15.68	Slabs	3.9	1.91
74	JOINT SPALL	M	1.43	Slabs	1.	1.
75	CORNER SPALL	L	11.4	Slabs	2.84	1.09
75	CORNER SPALL	M	1.43	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
Load                Related Distress =   10.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other               Related Distress =   90.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R01A **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 03 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1982
From: 0+00 **To:** 10+10

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
200.00	37.50	7,500.00	12.50	15.00	41.00	862.50	

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  2. 97                  2

  Sample Number  Type              Size Units
  01             R                  21. Slabs

      Distress Description              Sev    Quantity Units
            62 CORNER BREAK             L           1. Slabs
            74 JOINT SPALL              L           1. Slabs

  Sample Number  Type              Size Units
  02             R                  20. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        62 CORNER BREAK             L           1. Slabs             2.44       2.18
        74 JOINT SPALL              L           1. Slabs             2.44       1.62

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load              Related Distress =   57.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other             Related Distress =   43.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R02C **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1973
From: 00+00 **To:** 8+50

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
810.30	37.50	30,386.25				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	6.	54	6

Sample Number	Type	Size	Units
01	R	5,962.5	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,624.98	SF
48	L & T CR	L	159.04	LF
48	L & T CR	M	63.02	LF
52	WEATH/RAVEL	L	5,962.45	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,624.95	SF
52	WEATH/RAVEL	L	5,624.9	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,624.9	SF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,624.95	SF
52	WEATH/RAVEL	L	5,624.9	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,061.96	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

43	BLOCK CR	M	562. SF
52	WEATH/RAVEL	L	5,624.95 SF

Sample Number	Type	Size	Units
06	R	1,668.5	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,266.36	SF
43	BLOCK CR	M	422.12	SF
52	WEATH/RAVEL	L	1,668.49	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	26,030.74	SF	85.67	33.86
43	BLOCK CR	M	991.84	SF	3.26	16.68
48	L & T CR	L	160.29	LF	.53	4.11
48	L & T CR	M	63.51	LF	.21	5.28
52	WEATH/RAVEL	L	30,367.04	SF	99.94	26.35

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R02C **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1973
From: 00+00 **To:** 8.50

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
810.30	37.50	30,386.25				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	6.	58	6

Sample Number	Type	Size	Units
01	R	5,962.5	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,299.99	SF
48	L & T CR	L	174.04	LF
48	L & T CR	M	300.08	LF
52	WEATH/RAVEL	L	5,962.45	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	899.99	SF
48	L & T CR	L	168.04	LF
48	L & T CR	M	300.08	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,199.99	SF
48	L & T CR	L	134.03	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,199.99	SF
48	L & T CR	M	109.03	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	959.99	SF
48	L & T CR	L	141.04	LF
50	PATCHING	L	515.	SF
52	WEATH/RAVEL	L	5,109.96	SF

Sample Number	Type	Size	Units
06	R	1,688.5	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	160.	SF
48	L & T CR	L	133.03	LF
52	WEATH/RAVEL	L	1,688.49	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	5,760.71	SF	18.96	20.88
48	L & T CR	L	755.54	LF	2.49	8.7
48	L & T CR	M	714.24	LF	2.35	17.1
50	PATCHING	L	518.67	SF	1.71	5.01
52	WEATH/RAVEL	L	29,846.95	SF	98.23	26.18

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R03A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1977
From: 00+00 **To:** 5+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
600.00	37.50	22,500.00	12.50	15.00	120.00	2,662.50	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	6	97	6

Sample Number	Type	Size	Units
01	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
02	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	18.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
03	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
04	R	21.	Slabs

Sample Number	Type	Size	Units
05	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs

Sample Number	Type	Size	Units
06	R	18.	Slabs

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

74 JOINT SPALL L 1. Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
65	JT SEAL DMG	L	81.	Slabs	67.5	2.
74	JOINT SPALL	L	3.	Slabs	2.5	1.63
75	CORNER SPALL	L	3.	Slabs	2.5	.99

*** Percent of Deduct Values Based on Distress Mechanism ***

Load Related Distress = 0.0 Percent Deduct Value
Climate/Durability Related Distress = 43.0 Percent Deduct Value
Other Related Distress = 57.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R03A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1977
From: 00+00 **To:** 5+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
600.00	75.00	45,000.00	12.50	15.00	240.00	5,925.00	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	98	10

Sample Number	Type	Size	Units
01	R	24.	Slabs

Sample Number	Type	Size	Units
02	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
03	R	24.	Slabs

Sample Number	Type	Size	Units
04	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
05	R	24.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Sample Number	Type	Size	Units
07	R	24.	Slabs

Sample Number	Type	Size	Units
08	R	24.	Slabs

Sample Number	Type	Size	Units
09	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
           74 JOINT SPALL               L            2. Slabs

  Sample Number  Type              Size Units
  10             R                  24. Slabs

      Distress Description              Sev    Quantity Units
            66 SMALL PATCH              M            2. Slabs
            74 JOINT SPALL              L            6. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        66 SMALL PATCH              L            2. Slabs              1.         .15
        66 SMALL PATCH              M            2. Slabs              1.          .6
        74 JOINT SPALL              L            8. Slabs           3.33        1.79
        75 CORNER SPALL             L            1. Slabs              1.          .3

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =  100.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R03A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1977
From: 0+00 **To:** 5+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
600.00	37.50	22,500.00	12.50	15.00	120.00	2,662.50	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	6.	96	6

Sample Number	Type	Size	Units
01	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
02	R	18.	Slabs

Sample Number	Type	Size	Units
03	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs
70	SCALING	M	1.	Slabs

Sample Number	Type	Size	Units
04	R	21.	Slabs

Sample Number	Type	Size	Units
05	R	21.	Slabs

Sample Number	Type	Size	Units
06	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
63	LINEAR CR	M	1.	Slabs	1.	1.
70	SCALING	M	1.	Slabs	1.	1.
73	SHRINKAGE CR	L	1.	Slabs	1.	.6
74	JOINT SPALL	L	2.	Slabs	1.67	1.36

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
--------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
--------------------------------------------------------------------------------
Load               Related Distress =   25.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =   75.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R04A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 6+00 **To:** 10+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
400.00	37.50	15,000.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	3.	57	3

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	555.14	LF
48	L & T CR	M	15.	LF
50	PATCHING	H	1.	SF
52	WEATH/RAVEL	L	5,623.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,399.99	SF
48	L & T CR	L	229.06	LF
48	L & T CR	M	50.01	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	3,750.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	674.99	SF
48	L & T CR	L	293.08	LF
48	L & T CR	M	51.01	LF
52	WEATH/RAVEL	L	3,749.97	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	2,074.31	SF	13.83	18.87
48	L & T CR	L	1,076.92	LF	7.18	18.97
48	L & T CR	M	115.99	LF	.77	10.03
50	PATCHING	H	1.	SF	.1	15.5
52	WEATH/RAVEL	L	14,993.99	SF	99.96	26.35

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
--------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
--------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R04A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 6+00 **To:** 10+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
400.00	75.00	30,000.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	6.	57	6

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	886.99	SF
48	L & T CR	L	675.17	LF
55	SLIPPAGE CR	N	144.	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	649.99	SF
48	L & T CR	L	455.12	LF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	899.99	SF
48	L & T CR	L	200.05	LF
48	L & T CR	M	127.03	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,812.98	SF
48	L & T CR	L	400.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	364.09	LF
48	L & T CR	M	520.13	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
06	R	1,875.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	181.05	LF
48	L & T CR	M	151.04	LF
52	WEATH/RAVEL	L	1,874.98	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	5,246.36	SF	17.49	20.35
48	L & T CR	L	2,274.03	LF	7.58	19.65
48	L & T CR	M	797.66	LF	2.66	18.26
52	WEATH/RAVEL	L	18,737.01	SF	62.46	22.11
55	SLIPPAGE CR	L	143.9	SF	.48	7.24

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	92.0	Percent Deduct Value
Other	Related Distress =	8.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R04A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 6+00 **To:** 10+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
	Length	Width	Area			
	400.00	37.50	15,000.00			

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  3. 78                  3

  Sample Number  Type             Size Units
  01             R              5,625. SF

      Distress Description              Sev    Quantity Units
            48 L & T CR                 L        142.04 LF

  Sample Number  Type             Size Units
  02             R              5,625. SF

      Distress Description              Sev    Quantity Units
            48 L & T CR                 L        229.06 LF
            48 L & T CR                 M        153.04 LF

  Sample Number  Type             Size Units
  03             R              3,750. SF

      Distress Description              Sev    Quantity Units
            43 BLOCK CR                 L           600. SF
            48 L & T CR                 L        124.03 LF
            48 L & T CR                 M        178.05 LF

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        43 BLOCK CR                 L         599.8 SF                 4.      12.61
        48 L & T CR                 L        494.97 LF               3.3      10.81
        48 L & T CR                 M        330.98 LF              2.21      16.54

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load              Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other             Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R05C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 10+00 **To:** 32+10

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length		Width	Area			
2,275.56		37.50	85,333.50			

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	15.	63	10

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	300.08	LF
48	L & T CR	M	20.01	LF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	355.09	LF
48	L & T CR	M	64.02	LF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,424.99	SF
45	DEPRESSION	L	220.	SF
48	L & T CR	L	300.08	LF
48	L & T CR	M	90.02	LF
52	WEATH/RAVEL	M	1,139.99	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,424.99	SF
45	DEPRESSION	L	60.	SF
48	L & T CR	L	78.02	LF
48	L & T CR	M	37.01	LF

Sample Number	Type	Size	Units
07	R	5,625.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	354.09	LF
48	L & T CR	M	60.02	LF

Sample Number	Type	Size	Units
08	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,199.99	SF
48	L & T CR	L	158.04	LF
48	L & T CR	M	33.01	LF
52	WEATH/RAVEL	L	1,139.99	SF

Sample Number	Type	Size	Units
10	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,989.97	SF
43	BLOCK CR	M	1,139.99	SF
45	DEPRESSION	L	40.	SF
48	L & T CR	L	25.01	LF
48	L & T CR	M	13.	LF
50	PATCHING	L	1.	SF
52	WEATH/RAVEL	L	570.	SF

Sample Number	Type	Size	Units
11	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,849.98	SF
43	BLOCK CR	M	1,424.99	SF
45	DEPRESSION	L	30.	SF
48	L & T CR	L	45.01	LF
48	L & T CR	M	18.	LF
52	WEATH/RAVEL	L	570.	SF

Sample Number	Type	Size	Units
13	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	338.	SF
48	L & T CR	L	306.08	LF
48	L & T CR	M	107.03	LF
52	WEATH/RAVEL	L	570.	SF

Sample Number	Type	Size	Units
15	R	6,583.4	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,644.99	SF
48	L & T CR	L	250.06	LF
48	L & T CR	M	211.05	LF
52	WEATH/RAVEL	L	658.32	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	19,186.5	SF	22.48	22.05
43	BLOCK CR	M	3,822.99	SF	4.48	18.31
45	DEPRESSION	L	521.66	SF	.61	4.14
48	L & T CR	L	3,236.61	LF	3.79	12.03
48	L & T CR	M	973.52	LF	1.14	11.93
50	PATCHING	L	1.49	SF	.1	2.
52	WEATH/RAVEL	L	5,228.97	SF	6.13	7.61
52	WEATH/RAVEL	M	1,699.11	SF	1.99	10.32

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	95.0	Percent Deduct Value
Other	Related Distress =	5.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R05C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 10+00 **To:** 32+10

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length		Width	Area			
2,243.11		75.00	168,233.25			

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	30.	55	11

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	768.2	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
48	L & T CR	L	625.16	LF
48	L & T CR	M	41.01	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
45	DEPRESSION	L	624.99	SF
48	L & T CR	L	839.21	LF
48	L & T CR	M	92.02	LF
50	PATCHING	L	1.	SF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
09	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,874.98	SF
48	L & T CR	L	280.07	LF
48	L & T CR	M	30.01	LF
52	WEATH/RAVEL	L	5,624.95	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
12	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,499.99	SF
43	BLOCK CR	M	375.	SF
48	L & T CR	L	348.09	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
15	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	899.99	SF
48	L & T CR	L	212.05	LF
48	L & T CR	M	267.07	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
18	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,774.98	SF
48	L & T CR	L	398.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
21	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,799.99	SF
48	L & T CR	L	325.08	LF
48	L & T CR	M	137.04	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
24	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,812.98	SF
48	L & T CR	L	283.07	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
27	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	899.99	SF
48	L & T CR	L	454.12	LF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
           52 WEATH/RAVEL                L      5,624.95 SF

  Sample Number  Type              Size Units
  30             R               5,108. SF

      Distress Description               Sev    Quantity Units
            43 BLOCK CR                  L      1,124.99 SF
            48 L & T CR                  L        232.06 LF
            48 L & T CR                  M         91.02 LF
            52 WEATH/RAVEL               L      5,107.96 SF

Extrapolated Distress Quantities
--------------------------------
  Distress Description               Sev    Quantity Units        Density %     Deduct
        43 BLOCK CR                  L     43,663.28 SF               25.95      23.09
        43 BLOCK CR                  M      1,027.34 SF                .61      10.47
        45 DEPRESSION                L      1,712.23 SF               1.02       6.74
        48 L & T CR                  L     13,054.77 LF               7.76      19.95
        48 L & T CR                  M      1,803.11 LF               1.07       11.6
        50 PATCHING                  L          2.74 SF                 .1         2.
        52 WEATH/RAVEL               L    168,094.59 SF              99.92      26.34

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =   93.0 Percent Deduct Value
Other              Related Distress =    7.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R05C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 10+00 **To:** 32+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
2,210.66	37.50	82,899.75				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	15.	55	10

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	216.06	LF
48	L & T CR	M	374.2	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
45	DEPRESSION	L	121.	SF
48	L & T CR	L	180.05	LF
48	L & T CR	M	421.11	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	40.	SF
48	L & T CR	L	171.04	LF
48	L & T CR	M	94.02	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
06	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	241.06	LF
48	L & T CR	M	478.12	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
07	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	117.03	LF
48	L & T CR	M	342.09	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
09	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	899.99	SF
48	L & T CR	L	151.04	LF
48	L & T CR	M	121.03	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
11	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
45	DEPRESSION	L	10.	SF
48	L & T CR	L	116.03	LF
48	L & T CR	M	320.08	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
13	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	294.08	LF
48	L & T CR	M	437.11	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
14	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	899.99	SF
48	L & T CR	L	117.03	LF
48	L & T CR	M	246.06	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
15	R	4,150.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,139.99	SF
48	L & T CR	L	117.03	LF
48	L & T CR	M	392.1	LF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

52 WEATH/RAVEL L 4,149.97 SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	4,506.32	SF	5.44	13.95
45	DEPRESSION	L	198.1	SF	.24	1.1
48	L & T CR	L	2,601.65	LF	3.14	10.4
48	L & T CR	M	4,878.25	LF	5.89	28.01
52	WEATH/RAVEL	L	82,830.12	SF	99.92	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load Related Distress = 0.0 Percent Deduct Value
Climate/Durability Related Distress = 99.0 Percent Deduct Value
Other Related Distress = 1.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R06C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 32+10 **To:** 32+70

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
69.28	37.50	2,598.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	79	1

Sample Number	Type	Size	Units
01	R	2,598.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	151.04	LF
48	L & T CR	M	46.01	LF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
48	L & T CR	L	151.27	LF	5.82	16.46
48	L & T CR	M	46.08	LF	1.77	14.78

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R06C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 32+00 **To:** 32+70

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
69.28	75.00	5,196.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	66	1

Sample Number	Type	Size	Units
01	R	5,196.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,519.99	SF
48	L & T CR	L	505.13	LF
48	L & T CR	M	10.	LF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	1,519.12	SF	29.24	23.98
48	L & T CR	L	504.84	LF	9.72	22.89
48	L & T CR	M	10.	LF	.19	5.03

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R06C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 32+00 **To:** 32+70

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
	Length	Width	Area			
	69.28	37.50	2,598.00			

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	51	1

Sample Number	Type	Size	Units
01	R	2,598.	SF

Distress Description	Sev	Quantity	Units
48 L & T CR	L	224.06	LF
48 L & T CR	M	390.1	LF

Extrapolated Distress Quantities

Distress Description	Sev	Quantity	Units	Density %	Deduct
48 L & T CR	L	224.39	LF	8.64	21.33
48 L & T CR	M	390.69	LF	15.04	43.77

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0 Percent Deduct Value
Climate/Durability	Related Distress =	100.0 Percent Deduct Value
Other	Related Distress =	0.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R07C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 32+70 **To:** 38+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
465.63	37.50	17,461.13				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	4.	58	4

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	570.	SF
45	DEPRESSION	L	7.	SF
48	L & T CR	L	241.06	LF
48	L & T CR	M	62.02	LF
52	WEATH/RAVEL	L	570.	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	570.	SF
48	L & T CR	L	225.06	LF
48	L & T CR	M	72.02	LF
50	PATCHING	L	282.	SF
52	WEATH/RAVEL	L	1,139.99	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,424.99	SF
43	BLOCK CR	M	1,424.99	SF
48	L & T CR	L	208.05	LF
48	L & T CR	M	105.03	LF
52	WEATH/RAVEL	L	1,139.99	SF

Sample Number	Type	Size	Units
04	R	586.3	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	293.5	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
            43 BLOCK CR                  M         146.5 SF
            52 WEATH/RAVEL               L        117.26 SF

Extrapolated Distress Quantities
--------------------------------
  Distress Description               Sev    Quantity Units        Density %     Deduct
        43 BLOCK CR                  L      2,857.05 SF               16.36      19.92
        43 BLOCK CR                  M       1,570.7 SF                  9.      22.67
        45 DEPRESSION                L            7. SF                 .1         .3
        48 L & T CR                  L        673.84 LF                3.86      12.18
        48 L & T CR                  M        238.94 LF                1.37        13.
        50 PATCHING                  L        281.86 SF                1.61       4.83
        52 WEATH/RAVEL               L      2,965.76 SF               16.98      12.71

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R07C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 32+70 **To:** 38+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
498.08	75.00	37,356.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	7.	56	7

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
48	L & T CR	L	280.07	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,799.99	SF
48	L & T CR	M	356.09	LF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
45	DEPRESSION	H	824.98	SF
48	L & T CR	L	225.06	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,799.99	SF
48	L & T CR	M	342.18	LF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

43	BLOCK CR	L	1,799.99	SF
48	L & T CR	L	225.06	LF
48	L & T CR	M	107.03	LF

Sample Number	Type	Size	Units
06	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
48	L & T CR	L	557.14	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
07	R	3,606.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,799.99	SF
48	L & T CR	M	263.07	LF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	13,939.79	SF	37.32	25.93
45	DEPRESSION	H	824.39	SF	2.21	33.26
48	L & T CR	L	1,286.4	LF	3.44	11.17
48	L & T CR	M	1,067.59	LF	2.86	18.99
52	WEATH/RAVEL	L	16,862.65	SF	45.14	19.45

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	69.0	Percent Deduct Value
Other	Related Distress =	31.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R07C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 32+00 **To:** 38+00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
	Length	Width	Area			
	531.04	37.50	19,914.00			

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	4.	63	4

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress Description	Sev	Quantity	Units
48 L & T CR	L	117.03	LF
48 L & T CR	M	317.08	LF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress Description	Sev	Quantity	Units
48 L & T CR	L	123.03	LF
48 L & T CR	M	217.06	LF
50 PATCHING	L	487.	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress Description	Sev	Quantity	Units
48 L & T CR	L	271.07	LF
48 L & T CR	M	477.24	LF

Sample Number	Type	Size	Units
04	R	3,039.	SF

Distress Description	Sev	Quantity	Units
48 L & T CR	L	198.05	LF
48 L & T CR	M	356.09	LF

Extrapolated Distress Quantities

Distress Description	Sev	Quantity	Units	Density %	Deduct
48 L & T CR	L	708.83	LF	3.56	11.46
48 L & T CR	M	1,366.78	LF	6.87	30.33
50 PATCHING	L	486.75	SF	2.44	6.34

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
--------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
--------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R08C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 38+00 **To:** 45+50

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
750.00	37.50	28,125.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	5.	73	5

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	183.05	LF
48	L & T CR	M	32.01	LF
52	WEATH/RAVEL	L	1,124.99	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
45	DEPRESSION	L	20.	SF
48	L & T CR	L	288.07	LF
48	L & T CR	M	170.04	LF
52	WEATH/RAVEL	L	1,139.99	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	375.1	LF
48	L & T CR	M	50.01	LF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	472.12	LF
48	L & T CR	M	59.02	LF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

48	L & T CR	L	423.11	LF
48	L & T CR	M	220.06	LF
52	WEATH/RAVEL	L	570.	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
45	DEPRESSION	L	19.98	SF	.1	.3
48	L & T CR	L	1,740.05	LF	6.19	17.17
48	L & T CR	M	530.71	LF	1.89	15.25
52	WEATH/RAVEL	L	2,832.7	SF	10.07	9.86

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	99.0	Percent Deduct Value
Other	Related Distress =	1.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R08C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 38+00 **To:** 45+50

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0

Length	Width	Area
750.00	75.00	56,250.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	56	10

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,799.99	SF
48	L & T CR	L	334.09	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
48	L & T CR	L	406.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,749.97	SF
48	L & T CR	L	395.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
48	L & T CR	L	401.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
48	L & T CR	M	229.12	LF
50	PATCHING	M	4.	SF
52	WEATH/RAVEL	L	5,620.95	SF

Sample Number	Type	Size	Units
06	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,699.98	SF
48	L & T CR	M	400.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
07	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
48	L & T CR	L	420.11	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
08	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,749.97	SF
48	L & T CR	L	235.06	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
09	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,249.98	SF
48	L & T CR	L	483.12	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
10	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,799.99	SF
48	L & T CR	L	260.07	LF
52	WEATH/RAVEL	L	5,624.95	SF
56	SWELLING	M	26.	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

43	BLOCK CR	L	22,781.48 SF	40.5	26.62
48	L & T CR	L	2,932.39 LF	5.21	15.22
48	L & T CR	M	628.72 LF	1.12	11.82
50	PATCHING	M	4. SF	.1	6.2
52	WEATH/RAVEL	L	56,200.32 SF	99.91	26.34
56	SWELLING	M	25.98 SF	.1	10.

*** Percent of Deduct Values Based on Distress Mechanism ***

Load Related Distress = 0.0 Percent Deduct Value
Climate/Durability Related Distress = 90.0 Percent Deduct Value
Other Related Distress = 10.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R08C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 38+00 **To:** 45+50

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
750.00	37.50	28,125.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	5.	61	5

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	450.12	LF
48	L & T CR	M	184.05	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	253.06	LF
48	L & T CR	M	283.07	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	235.06	LF
48	L & T CR	M	199.05	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	174.04	LF
48	L & T CR	M	225.06	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	196.05	LF
48	L & T CR	M	372.1	LF
52	WEATH/RAVEL	L	5,624.95	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
48	L & T CR	L	1,307.28	LF	4.65	14.
48	L & T CR	M	1,262.31	LF	4.49	24.25
52	WEATH/RAVEL	L	28,102.16	SF	99.92	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R09C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 45+00 **To:** 46+30

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
80.00	37.50	3,000.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	74	1

Sample Number	Type	Size	Units
01	R	3,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	175.04	LF
48	L & T CR	M	40.01	LF
52	WEATH/RAVEL	L	304.	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
48	L & T CR	L	174.86	LF	5.83	16.47
48	L & T CR	M	39.97	LF	1.33	12.83
52	WEATH/RAVEL	L	303.68	SF	10.12	9.89

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R09C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 45+00 **To:** 46+30

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
80.00	75.00	6,000.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001		1. 66	1

Sample Number	Type	Size	Units
01	R	6,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	M	291.07	LF
52	WEATH/RAVEL	L	5,999.95	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
48	L & T CR	M	291.29	LF	4.86	25.29
52	WEATH/RAVEL	L	6,004.46	SF	100.	26.35

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0 Percent Deduct Value
Climate/Durability	Related Distress =	100.0 Percent Deduct Value
Other	Related Distress =	0.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R09C **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1986
From: 45+00 **To:** 46+30

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
80.00	37.50	3,000.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	67	1

Sample Number	Type	Size	Units
01	R	3,000.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	306.08	LF
52	WEATH/RAVEL	L	2,999.98	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
48	L & T CR	L	305.76	LF	10.19	23.53
52	WEATH/RAVEL	L	2,996.85	SF	99.89	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R10A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1973
From: 46+30 **To:** 56+30
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
1,000.00	37.50	37,500.00	12.50	12.50	240.00	4,962.50

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	98	10

Sample Number	Type	Size	Units
01	R	21.	Slabs

Sample Number	Type	Size	Units
02	R	21.	Slabs

Sample Number	Type	Size	Units
03	R	21.	Slabs

Sample Number	Type	Size	Units
04	R	21.	Slabs

Sample Number	Type	Size	Units
05	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
66	SMALL PATCH	L	2.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
06	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
66	SMALL PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
07	R	21.	Slabs

Sample Number	Type	Size	Units
08	R	21.	Slabs

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
  09             R                   21. Slabs

  Sample Number  Type               Size Units
  10             R                   12. Slabs

      Distress Description              Sev    Quantity Units
            74 JOINT SPALL              L           1. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description               Sev    Quantity Units        Density %     Deduct
        63 LINEAR CR                 L          2.39 Slabs              1.         1.
        66 SMALL PATCH               L          3.58 Slabs           1.49        .38
        74 JOINT SPALL               L          2.39 Slabs              1.         .6
        75 CORNER SPALL              L          1.19 Slabs              1.         .3

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =   44.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =   56.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R10A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 02 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1973
From: 46+30 **To:** 56+30

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes:	0
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
1,000.00	75.00	75,000.00	12.50	12.50	480.00	10,925.00	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	12.	95	12

Sample Number	Type	Size	Units
01	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	L	24.	Slabs
74	JOINT SPALL	L	3.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
02	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
04	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs

Sample Number	Type	Size	Units
08	R	24.	Slabs

Sample Number	Type	Size	Units
10	R	24.	Slabs

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

	75	CORNER SPALL	L	1. Slabs

Sample Number	Type	Size	Units
12	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
13	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	2.	Slabs
66	SMALL PATCH	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
14	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	2.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
15	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
16	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	2.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
17	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	3.	Slabs
66	SMALL PATCH	M	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	1.7	Slabs	1.	.7

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

63	LINEAR CR	L	3.4 Slabs	1.	1.
63	LINEAR CR	M	3.4 Slabs	1.	1.
65	JT SEAL DMG	L	40.85 Slabs	8.51	2.
66	SMALL PATCH	L	17.02 Slabs	3.55	.45
66	SMALL PATCH	M	1.7 Slabs	1.	.6
73	SHRINKAGE CR	L	3.4 Slabs	1.	.6
74	JOINT SPALL	L	8.51 Slabs	1.77	1.41
75	CORNER SPALL	L	6.81 Slabs	1.42	.63
75	CORNER SPALL	M	3.4 Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	29.0	Percent Deduct Value
Climate/Durability	Related Distress =	22.0	Percent Deduct Value
Other	Related Distress =	49.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R10A **Name:** R/W 03/21 **Use:** RUNWAY
Section: 03 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1973
From: 46+30 **To:** 56+30

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
1,000.00	37.50	37,500.00	12.50	12.50	240.00	4,962.50	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	95	10

Sample Number	Type	Size	Units
01	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
02	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
66	SMALL PATCH	L	2.	Slabs
70	SCALING	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	21.	Slabs

Sample Number	Type	Size	Units
04	R	21.	Slabs

Sample Number	Type	Size	Units
05	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
66	SMALL PATCH	L	2.	Slabs

Sample Number	Type	Size	Units
06	R	21.	Slabs

Sample Number	Type	Size	Units
07	R	21.	Slabs

Sample Number	Type	Size	Units
08	R	21.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
09	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
62	CORNER BREAK	M	1.	Slabs
66	SMALL PATCH	L	4.	Slabs

Sample Number	Type	Size	Units
10	R	12.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	4.78	Slabs	1.99	1.93
62	CORNER BREAK	M	1.19	Slabs	1.	1.5
63	LINEAR CR	L	1.19	Slabs	1.	1.
66	SMALL PATCH	L	9.55	Slabs	3.98	.46
70	SCALING	M	1.19	Slabs	1.	1.
74	JOINT SPALL	M	2.39	Slabs	1.	1.

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	64.0	Percent Deduct Value
Climate/Durability	Related Distress =	0.0	Percent Deduct Value
Other	Related Distress =	36.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R11C **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1973
From: 56+30 **To:** 64+30
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area
800.00	37.50	30,000.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	6.	41	6

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,937.97	SF
43	BLOCK CR	M	1,124.99	SF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,968.98	SF
43	BLOCK CR	M	1,968.98	SF
48	L & T CR	L	141.04	LF
48	L & T CR	M	7.	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,811.98	SF
43	BLOCK CR	M	1,405.99	SF
48	L & T CR	L	33.01	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,811.98	SF
43	BLOCK CR	M	2,811.98	SF
52	WEATH/RAVEL	L	5,624.95	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,811.98	SF
43	BLOCK CR	M	2,811.98	SF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
06	R	1,875.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	937.49	SF
43	BLOCK CR	M	937.49	SF
50	PATCHING	L	100.	SF
52	WEATH/RAVEL	L	1,874.98	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	15,269.92	SF	50.9	28.65
43	BLOCK CR	M	11,053.84	SF	36.85	36.57
48	L & T CR	L	173.93	LF	.58	4.19
48	L & T CR	M	7.	LF	.1	4.
50	PATCHING	L	99.93	SF	.33	2.16
52	WEATH/RAVEL	L	29,979.22	SF	99.93	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R11C **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 02 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1973
From: 56+30+ **To:** 64+30

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
800.00	37.50	30,000.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	6.	63	6

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	125.	SF
48	L & T CR	L	480.12	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	456.	SF
48	L & T CR	L	536.14	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,424.99	SF
48	L & T CR	L	497.13	LF
52	WEATH/RAVEL	L	5,624.95	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,499.99	SF
48	L & T CR	L	450.12	LF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

43	BLOCK CR	L	1,139.99 SF
48	L & T CR	L	446.11 LF

Sample Number	Type	Size	Units
06	R	1,875.	SF

Distress	Description	Sev	Quantity	Units
48	L & T CR	L	793.2	LF
50	PATCHING	L	300.	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	4,642.78	SF	15.48	19.57
48	L & T CR	L	3,200.63	LF	10.67	24.15
50	PATCHING	L	299.79	SF	1.	3.55
52	WEATH/RAVEL	L	16,863.31	SF	56.21	21.22

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R12A **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1982
From: 56+30 **To:** 66+30

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
200.00	37.50	7,500.00	12.50	15.00	41.00	862.50	

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  2. 100                  2

  Sample Number  Type              Size Units
  01             R                  20. Slabs

  Sample Number  Type              Size Units
  02             R                  21. Slabs

--------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
--------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R12A **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 02 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1982
From: 56+30 **To:** 66+30
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
1,000.00	75.00	75,000.00	12.50	15.00	400.00	9,925.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	17.	93	12

Sample Number	Type	Size	Units
01	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs
67	LARGE PATCH	L	4.	Slabs
67	LARGE PATCH	M	1.	Slabs
73	SHRINKAGE CR	N	4.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
02	R	24.	Slabs

Sample Number	Type	Size	Units
04	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
66	SMALL PATCH	L	2.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
73	SHRINKAGE CR	N	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
08	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	3.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

63	LINEAR CR	M	1. Slabs
65	JT SEAL DMG	L	24. Slabs
66	SMALL PATCH	L	1. Slabs

Sample Number	Type	Size	Units
10	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
12	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
13	R	24.	Slabs

Sample Number	Type	Size	Units
14	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs
66	SMALL PATCH	M	1.	Slabs

Sample Number	Type	Size	Units
15	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	3.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
16	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
17	R	18.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
63	LINEAR CR	H	4.26	Slabs	1.06	4.12
63	LINEAR CR	L	1.42	Slabs	1.	1.
63	LINEAR CR	M	1.42	Slabs	1.	1.
65	JT SEAL DMG	L	34.04	Slabs	8.51	2.

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

66	SMALL PATCH	L	11.35 Slabs	2.84	.44
66	SMALL PATCH	M	1.42 Slabs	1.	.6
67	LARGE PATCH	L	5.67 Slabs	1.42	1.34
67	LARGE PATCH	M	1.42 Slabs	1.	2.5
73	SHRINKAGE CR	L	8.51 Slabs	2.13	.8
74	JOINT SPALL	L	5.67 Slabs	1.42	1.2
75	CORNER SPALL	L	8.51 Slabs	2.13	.88

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	39.0	Percent Deduct Value
Climate/Durability	Related Distress =	13.0	Percent Deduct Value
Other	Related Distress =	48.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ('&Use) = 'RUNWAY'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: R12A **Name:** R/W 03/21 Overrun **Use:** RUNWAY
Section: 03 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1982
From: 56+30 **To:** 66+30

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
200.00	37.50	7,500.00	12.50	15.00	38.00	862.50	

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  2. 100                  2

  Sample Number  Type              Size Units
  01             R                  17. Slabs

  Sample Number  Type              Size Units
  02             R                  21. Slabs

      Distress Description              Sev    Quantity Units
            66 SMALL PATCH              L            1. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        66 SMALL PATCH              L            1. Slabs             2.63        .44

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =  100.0 Percent Deduct Value
```

Appendix C

KAFB

Aprons

Inspection Reports

Pages 1 through 88

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A01B **Name:** Warm-up Apron **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1973
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
604.00	130.00	78,520.00	12.50	15.00	418.77	10,782.27

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	21.	97	14

Sample Number	Type	Size	Units
01	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
02	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	5.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
05	R	20.	Slabs

Sample Number	Type	Size	Units
06	R	20.	Slabs

Sample Number	Type	Size	Units
07	R	20.	Slabs

Sample Number	Type	Size	Units
08	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
09	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
11	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
13	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	2.	Slabs

Sample Number	Type	Size	Units
15	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
17	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs

Sample Number	Type	Size	Units
19	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	20.	Slabs

Sample Number	Type	Size	Units
21	R	22.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	1.47	Slabs	1.	.7
65	JT SEAL DMG	L	29.3	Slabs	6.99	2.
66	SMALL PATCH	L	2.93	Slabs	1.	.15
74	JOINT SPALL	L	14.65	Slabs	3.5	1.83
74	JOINT SPALL	M	4.4	Slabs	1.05	1.18

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
        75 CORNER SPALL              L          7.33 Slabs             1.75        .76

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =   11.0 Percent Deduct Value
Climate/Durability Related Distress =   30.0 Percent Deduct Value
Other              Related Distress =   59.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A02B **Name:** Overflow Apron **Use:** APRON
Section: 01 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
1,414.00	37.50	53,025.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	24	10

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
05	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
06	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
07	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
45	DEPRESSION	M	300.	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
08	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
09	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
10	R	2,400.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	2,399.98	SF
52	WEATH/RAVEL	M	2,399.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	52,983.51	SF	99.92	53.
45	DEPRESSION	M	299.77	SF	.57	11.39
52	WEATH/RAVEL	M	52,983.04	SF	99.92	56.75

*** Percent of Deduct Values Based on Distress Mechanism ***

Load Related Distress = 0.0 Percent Deduct Value
Climate/Durability Related Distress = 91.0 Percent Deduct Value
Other Related Distress = 9.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A02B **Name:** Overflow Apron **Use:** APRON
Section: 02 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
25.00	75.00	1,875.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	25	1

Sample Number	Type	Size	Units
01		1,875.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	1,874.98	SF
52	WEATH/RAVEL	M	1,874.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	1,877.07	SF	100.	53.01
52	WEATH/RAVEL	M	1,877.05	SF	100.	56.77

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A02B **Name:** Overflow Apron **Use:** APRON
Section: 03 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
150.00	75.00	11,250.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	2.	25	2

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.95	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.95	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	11,240.86	SF	99.92	52.99
52	WEATH/RAVEL	M	11,240.86	SF	99.92	56.75

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A02B **Name:** Overflow Apron **Use:** APRON
Section: 04 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
150.00	75.00	11,250.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	2.	25	2

Sample Number	Type	Size	Units
01		5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	11,240.86	SF	99.92	52.99
52	WEATH/RAVEL	M	11,240.76	SF	99.92	56.75

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A02B **Name:** Overflow Apron **Use:** APRON
Section: 05 **Surface:** AC **Family** S Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
335.00	75.00	25,125.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	5.	29	5

Sample Number	Type	Size	Units
01	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
02	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
03	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
04	R	5,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	5,624.95	SF
52	WEATH/RAVEL	M	5,624.9	SF

Sample Number	Type	Size	Units
05	R	2,625.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	M	2,624.98	SF
52	WEATH/RAVEL	L	2,624.96	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	M	25,105.31	SF	99.92	53.
52	WEATH/RAVEL	L	2,622.92	SF	10.44	10.04
52	WEATH/RAVEL	M	22,482.17	SF	89.48	54.16

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A03B **Name:** Aircraft Parking Pads **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1981
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
160.00	75.00	12,000.00	12.50	16.00	60.00	1,475.00

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  3. 98                  3

  Sample Number  Type             Size Units
  01             R                 24. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             L           24. Slabs

  Sample Number  Type             Size Units
  02             R                 24. Slabs

  Sample Number  Type             Size Units
  03             R                 12. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             L           12. Slabs
            73 SHRINKAGE CR            N            1. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        65 JT SEAL DMG              L           36. Slabs             60.          2.
        73 SHRINKAGE CR             L            1. Slabs           1.67          .8

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load              Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =   71.0 Percent Deduct Value
Other             Related Distress =   29.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A03B **Name:** Aircraft Parking Pads **Use:** APRON
Section: 02 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1981
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area	Width	Slab Length	Slabs	Joint Length
160.00	75.00	12,000.00	12.50	16.00	60.00	1,475.00

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  3. 99                  3

  Sample Number  Type             Size Units
  01             R                 24. Slabs

  Sample Number  Type             Size Units
  02             R                 24. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             L           24. Slabs

  Sample Number  Type             Size Units
  03             R                 12. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        65 JT SEAL DMG              L           24. Slabs             40.          2.

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A03B **Name:** Aircraft Parking Pads **Use:** APRON
Section: 03 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1981
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
160.00	75.00	12,000.00	12.50	16.00	60.00	1,475.00

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  3. 97                  3

  Sample Number  Type             Size Units
  01             R                 24. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             L           24. Slabs
            74 JOINT SPALL             L            2. Slabs

  Sample Number  Type             Size Units
  02             R                 24. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             L           24. Slabs

  Sample Number  Type             Size Units
  03             R                 12. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             L           12. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        65 JT SEAL DMG              L           60. Slabs             100.         2.
        74 JOINT SPALL              L            2. Slabs            3.33       1.79

-------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------
Load               Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =   53.0 Percent Deduct Value
Other              Related Distress =   47.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A03B **Name:** Aircraft Parking Pads **Use:** APRON
Section: 04 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1981
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
160.00	75.00	12,000.00	12.50	16.00	60.00	1,475.00

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  3. 95                  3

  Sample Number  Type             Size Units
  01             R                 24. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             M           24. Slabs

  Sample Number  Type             Size Units
  02             R                 24. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             M           24. Slabs

  Sample Number  Type             Size Units
  03             R                 12. Slabs

      Distress Description             Sev    Quantity Units
            65 JT SEAL DMG             L           12. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        65 JT SEAL DMG              L           12. Slabs             20.          2.
        65 JT SEAL DMG              M           48. Slabs             80.          7.

-------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------
Load              Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =  100.0 Percent Deduct Value
Other             Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A04B **Name:** Filet, T/W 2 & Pkg Apron **Use:** APRON
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1973
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area
121.00	42.00	5,082.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001		1. 37	1

Sample Number	Type	Size	Units
01	R	5,082.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,540.98	SF
43	BLOCK CR	M	2,540.98	SF
48	L & T CR	L	100.03	LF
52	WEATH/RAVEL	L	5,081.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	2,541.7	SF	50.01	28.48
43	BLOCK CR	M	2,541.7	SF	50.01	40.87
48	L & T CR	L	100.05	LF	1.97	7.33
52	WEATH/RAVEL	L	5,083.39	SF	100.	26.35

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A05B **Name:** Parking Apron 2 **Use:** APRON
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1985
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area
1,239.00	40.00	49,560.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	13.	43	10

Sample Number	Type	Size	Units
01	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,583.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	520.13	LF
50	PATCHING	L	16.	SF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
02	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	600.15	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
04	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	700.18	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
05	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	600.15	LF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

	52	WEATH/RAVEL	L	3,999.97 SF

Sample Number	Type	Size	Units
06	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	899.99	SF
47	JT REF. CR	L	700.18	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
08	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	600.15	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
09	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	600.15	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
11	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	600.15	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
12	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	3,599.97	SF
43	BLOCK CR	M	400.	SF
47	JT REF. CR	L	600.15	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
13	R	1,560.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,403.99	SF
43	BLOCK CR	M	156.	SF
47	JT REF. CR	L	196.05	LF
52	WEATH/RAVEL	L	1,559.99	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	44,537.06	SF	89.86	34.39
43	BLOCK CR	M	5,609.97	SF	11.32	24.41
47	JT REF. CR	L	7,536.44	LF	15.21	18.83
50	PATCHING	L	21.09	SF	.1	2.
52	WEATH/RAVEL	L	49,509.06	SF	99.9	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A05B **Name:** Parking Apron 2 **Use:** APRON
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1985
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
300.70	40.00	12,028.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	2.	40	2

Sample Number	Type	Size	Units
01	R	6,266.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	5,102.76	SF
43	BLOCK CR	M	1,253.19	SF
45	DEPRESSION	L	25.	SF
47	JT REF. CR	L	575.15	LF
52	WEATH/RAVEL	L	6,265.95	SF

Sample Number	Type	Size	Units
02	R	5,762.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	4,609.56	SF
43	BLOCK CR	M	1,152.39	SF
45	DEPRESSION	L	20.	SF
47	JT REF. CR	L	258.07	LF
52	WEATH/RAVEL	L	5,761.95	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	9,716.13	SF	80.78	33.23
43	BLOCK CR	M	2,406.52	SF	20.01	29.5
45	DEPRESSION	L	45.02	SF	.37	2.27
47	JT REF. CR	L	833.54	LF	6.93	12.9
52	WEATH/RAVEL	L	12,032.61	SF	100.	26.35

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	98.0	Percent Deduct Value
Other	Related Distress =	2.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A06B **Name:** Parking Apron 2 **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1974
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
378.11	299.22	113,138.08	12.50	10.00	905.10	19,687.52

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	46.	81	22

Sample Number	Type	Size	Units
01	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	1.	Slabs

Sample Number	Type	Size	Units
05	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	2.	Slabs

Sample Number	Type	Size	Units
07	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	2.	Slabs

Sample Number	Type	Size	Units
08	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
74	JOINT SPALL	L	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
09	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
73	SHRINKAGE CR	N	3.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
12	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	2.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
15	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	4.	Slabs
63	LINEAR CR	M	2.	Slabs

Sample Number	Type	Size	Units
21	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
66	SMALL PATCH	L	6.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
22	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	7.	Slabs
65	JT SEAL DMG	M	20.	Slabs
67	LARGE PATCH	L	1.	Slabs
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
24	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	7.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
25	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	4.	Slabs
66	SMALL PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
27	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
65	JT SEAL DMG	L	20.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
29	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
62	CORNER BREAK	M	1.	Slabs
65	JT SEAL DMG	L	20.	Slabs
74	JOINT SPALL	L	5.	Slabs

Sample Number	Type	Size	Units
30	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
65	JT SEAL DMG	L	20.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
31	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	4.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
33	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
74	JOINT SPALL	L	3.	Slabs

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
39	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	6.	Slabs

Sample Number	Type	Size	Units
40	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	6.	Slabs
63	LINEAR CR	M	1.	Slabs

Sample Number	Type	Size	Units
42	R	10.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	2.	Slabs
65	JT SEAL DMG	L	10.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
44	R	11.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	5.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
46	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	3.	Slabs
75	CORNER SPALL	L	3.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	25.73	Slabs	2.84	2.4
62	CORNER BREAK	M	2.14	Slabs	1.	1.5
63	LINEAR CR	L	160.84	Slabs	17.77	12.75
63	LINEAR CR	M	10.72	Slabs	1.18	2.21
65	JT SEAL DMG	L	195.15	Slabs	21.56	2.
65	JT SEAL DMG	M	42.89	Slabs	4.74	7.
66	SMALL PATCH	L	15.01	Slabs	1.66	.41

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

67	LARGE PATCH	L	2.14	Slabs	1.	.75
73	SHRINKAGE CR	L	12.87	Slabs	1.42	.79
74	JOINT SPALL	L	47.18	Slabs	5.21	2.2
75	CORNER SPALL	L	15.01	Slabs	1.66	.73

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	58.0	Percent Deduct Value
Climate/Durability	Related Distress =	27.0	Percent Deduct Value
Other	Related Distress =	15.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A06B **Name:** Parking Apron 2 **Use:** APRON
Section: 02 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1974
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
35.64	64.00	2,280.96	12.50	10.00	21.00	310.93

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                 1. 80                  1

  Sample Number  Type             Size Units
  01             R                 21. Slabs

      Distress Description             Sev    Quantity Units
            63 LINEAR CR               L            4. Slabs
            63 LINEAR CR               M            1. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        63 LINEAR CR                L            4. Slabs            19.05      13.29
        63 LINEAR CR                M            1. Slabs             4.76      11.23

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =  100.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A07A **Name:** Taxilane on Apron 2 **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1974
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area		Width	Slab Length	Slabs	Joint Length
81.05	38.00	3,079.90		12.50	10.00	28.00	435.33

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  2. 68                  2

  Sample Number  Type              Size Units
  01             R                  13. Slabs

      Distress Description              Sev    Quantity Units
            62 CORNER BREAK             H           1. Slabs
            62 CORNER BREAK             M           1. Slabs
            63 LINEAR CR                L           1. Slabs

  Sample Number  Type              Size Units
  02             R                  15. Slabs

      Distress Description              Sev    Quantity Units
            63 LINEAR CR                H           1. Slabs
            63 LINEAR CR                M           2. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        62 CORNER BREAK             H           1. Slabs             3.57       9.31
        62 CORNER BREAK             M           1. Slabs             3.57       6.22
        63 LINEAR CR                H           1. Slabs             3.57       12.9
        63 LINEAR CR                L           1. Slabs             3.57       3.52
        63 LINEAR CR                M           2. Slabs             7.14      14.92

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load              Related Distress =  100.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other             Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A07A **Name:** Taxilane on Apron 2 **Use:** APRON
Section: 02 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1974
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
224.76	40.00	8,990.40	12.50	10.00	71.92	1,353.51

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	4	65	4

Sample Number	Type	Size	Units
01	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	5.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
02	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	5.	Slabs
63	LINEAR CR	M	2.	Slabs
72	SHAT. SLAB	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	5.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	L	20.	Slabs
71	FAULTING	L	2.	Slabs

Sample Number	Type	Size	Units
04	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	11.	Slabs
66	SMALL PATCH	L	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

71	FAULTING	L	3. Slabs
74	JOINT SPALL	L	1. Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	3.89	Slabs	5.41	4.14
63	LINEAR CR	L	25.3	Slabs	35.14	18.03
63	LINEAR CR	M	3.89	Slabs	5.41	12.3
65	JT SEAL DMG	L	19.46	Slabs	27.03	2.
66	SMALL PATCH	L	.97	Slabs	1.35	.35
71	FAULTING	L	4.86	Slabs	6.76	5.92
72	SHAT. SLAB	M	.97	Slabs	1.35	7.51
73	SHRINKAGE CR	L	.97	Slabs	1.35	.78
74	JOINT SPALL	L	1.95	Slabs	2.7	1.67

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	79.0	Percent Deduct Value
Climate/Durability	Related Distress =	4.0	Percent Deduct Value
Other	Related Distress =	17.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A08B **Name:** Parking Apron 2 **Use:** APRON
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
50.00	201.75	10,087.50				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	2.	24	2

Sample Number	Type	Size	Units
01	R	5,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,249.99	SF
47	JT REF. CR	M	600.15	LF
48	L & T CR	M	225.06	LF
52	WEATH/RAVEL	M	4,999.96	SF

Sample Number	Type	Size	Units
02	R	5,087.5	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	1,271.99	SF
47	JT REF. CR	M	450.12	LF
48	L & T CR	M	215.06	LF
50	PATCHING	L	150.	SF
52	WEATH/RAVEL	M	5,087.46	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	2,519.72	SF	24.98	22.81
47	JT REF. CR	M	1,049.33	LF	10.4	37.98
48	L & T CR	M	439.72	LF	4.36	23.87
50	PATCHING	L	149.86	SF	1.49	4.57
52	WEATH/RAVEL	M	10,078.38	SF	99.91	56.75

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0 Percent Deduct Value
Climate/Durability	Related Distress =	100.0 Percent Deduct Value
Other	Related Distress =	0.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A10B **Name:** Parking Apron 1 **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1942
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
779.00	400.00	311,600.01	10.00	25.00	1,246.40	42,445.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	71	39	23

Sample Number	Type	Size	Units
01	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	13.	Slabs
65	JT SEAL DMG	H	20.	Slabs
71	FAULTING	L	1.	Slabs
72	SHAT. SLAB	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
05	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	L	11.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
09	R	15.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	H	15.	Slabs
70	SCALING	H	1.	Slabs

Sample Number	Type	Size	Units
13	R	20.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	2.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	20.	Slabs
72	SHAT. SLAB	L	1.	Slabs
74	JOINT SPALL	H	1.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
18	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	7.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	7.	Slabs
65	JT SEAL DMG	H	20.	Slabs
72	SHAT. SLAB	L	1.	Slabs

Sample Number	Type	Size	Units
20	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	16.	Slabs
70	SCALING	L	1.	Slabs

Sample Number	Type	Size	Units
25	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	9.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	16.	Slabs
66	SMALL PATCH	L	2.	Slabs
66	SMALL PATCH	M	2.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
29	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	L	2.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	H	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

75	CORNER SPALL	L	1. Slabs
75	CORNER SPALL	M	2. Slabs

Sample Number	Type	Size	Units
34	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	8.	Slabs
65	JT SEAL DMG	M	24.	Slabs

Sample Number	Type	Size	Units
37	R	12.	Slabs

Distress	Description	Sev	Quantity	Units
72	SHAT. SLAB	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	2.	Slabs
74	JOINT SPALL	M	2.	Slabs
75	CORNER SPALL	L	2.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
41	R	14.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	H	1.	Slabs
62	CORNER BREAK	L	3.	Slabs
63	LINEAR CR	L	2.	Slabs
65	JT SEAL DMG	H	14.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
45	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	10.	Slabs
71	FAULTING	L	2.	Slabs

Sample Number	Type	Size	Units
49	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	H	20.	Slabs
74	JOINT SPALL	H	2.	Slabs
74	JOINT SPALL	L	2.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
53	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	4.	Slabs
72	SHAT. SLAB	H	1.	Slabs
72	SHAT. SLAB	L	2.	Slabs
72	SHAT. SLAB	M	3.	Slabs

Sample Number	Type	Size	Units
54	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	5.	Slabs
63	LINEAR CR	M	5.	Slabs
65	JT SEAL DMG	H	20.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
56	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	3.	Slabs
63	LINEAR CR	M	12.	Slabs
65	JT SEAL DMG	H	20.	Slabs

Sample Number	Type	Size	Units
57	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	4.	Slabs
63	LINEAR CR	M	5.	Slabs
65	JT SEAL DMG	H	16.	Slabs
66	SMALL PATCH	L	1.	Slabs
72	SHAT. SLAB	L	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
59	R	19.	Slabs

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

63	LINEAR CR	H	7. Slabs
63	LINEAR CR	L	3. Slabs
63	LINEAR CR	M	1. Slabs
65	JT SEAL DMG	H	19. Slabs

Sample Number	Type	Size	Units
61	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	M	12.	Slabs
65	JT SEAL DMG	H	16.	Slabs
73	SHRINKAGE CR	N	4.	Slabs

Sample Number	Type	Size	Units
63	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	4.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	16.	Slabs
66	SMALL PATCH	L	1.	Slabs
72	SHAT. SLAB	M	1.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
65	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	H	1.	Slabs
63	LINEAR CR	H	4.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	15.	Slabs
65	JT SEAL DMG	H	24.	Slabs
67	LARGE PATCH	M	5.	Slabs

Sample Number	Type	Size	Units
67	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	M	9.	Slabs
65	JT SEAL DMG	H	16.	Slabs
74	JOINT SPALL	L	3.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
71	R	21.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	7.	Slabs
65	JT SEAL DMG	H	21.	Slabs
66	SMALL PATCH	L	3.	Slabs
67	LARGE PATCH	L	1.	Slabs
67	LARGE PATCH	M	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	H	5.81	Slabs	1.	3.
62	CORNER BREAK	L	29.04	Slabs	2.33	2.12
62	CORNER BREAK	M	2.9	Slabs	1.	1.5
63	LINEAR CR	H	110.37	Slabs	8.86	23.47
63	LINEAR CR	L	133.6	Slabs	10.72	9.04
63	LINEAR CR	M	357.24	Slabs	28.67	34.54
65	JT SEAL DMG	H	955.56	Slabs	76.69	12.
65	JT SEAL DMG	M	69.71	Slabs	5.59	7.
66	SMALL PATCH	L	20.33	Slabs	1.63	.41
66	SMALL PATCH	M	5.81	Slabs	1.	.6
67	LARGE PATCH	L	2.9	Slabs	1.	.75
67	LARGE PATCH	M	17.43	Slabs	1.4	4.17
70	SCALING	H	2.9	Slabs	1.	2.
70	SCALING	L	2.9	Slabs	1.	.5
71	FAULTING	L	8.71	Slabs	1.	1.
72	SHAT. SLAB	H	2.9	Slabs	1.	12.
72	SHAT. SLAB	L	20.33	Slabs	1.63	4.03
72	SHAT. SLAB	M	11.62	Slabs	1.	5.
73	SHRINKAGE CR	L	29.04	Slabs	2.33	.81
74	JOINT SPALL	H	11.62	Slabs	1.	3.
74	JOINT SPALL	L	31.95	Slabs	2.56	1.64
74	JOINT SPALL	M	14.52	Slabs	1.17	1.52
75	CORNER SPALL	L	20.33	Slabs	1.63	.72
75	CORNER SPALL	M	17.43	Slabs	1.4	.97

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	72.0	Percent Deduct Value
Climate/Durability	Related Distress =	14.0	Percent Deduct Value
Other	Related Distress =	14.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A10B **Name:** Parking Apron 1 **Use:** APRON
Section: 02 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1988
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
600.00	28.25	16,950.00	10.00	25.00	67.80	1,744.75

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001		7. 80	7

Sample Number	Type	Size	Units
01	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	M	21.	Slabs

Sample Number	Type	Size	Units
02	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
65	JT SEAL DMG	L	21.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	M	21.	Slabs

Sample Number	Type	Size	Units
04	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	3.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	M	21.	Slabs
66	SMALL PATCH	L	1.	Slabs
71	FAULTING	M	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
05	R	21.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	M	21.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
06	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	3.	Slabs
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	M	21.	Slabs
71	FAULTING	M	1.	Slabs
74	JOINT SPALL	M	2.	Slabs

Sample Number	Type	Size	Units
07	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	3.78	Slabs	5.56	4.26
63	LINEAR CR	L	1.42	Slabs	2.08	2.2
63	LINEAR CR	M	2.36	Slabs	3.47	8.87
65	JT SEAL DMG	L	9.92	Slabs	14.58	2.
65	JT SEAL DMG	M	49.58	Slabs	72.92	7.
66	SMALL PATCH	L	.47	Slabs	1.	.15
71	FAULTING	M	.94	Slabs	1.39	3.11
74	JOINT SPALL	L	1.42	Slabs	2.08	1.53
74	JOINT SPALL	M	.94	Slabs	1.39	1.97
75	CORNER SPALL	M	.47	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	48.0 Percent Deduct Value
Climate/Durability	Related Distress =	28.0 Percent Deduct Value
Other	Related Distress =	24.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A11B **Name:** Nose Dock Access Apron **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
162.30	24.25	3,935.78	40.58	24.25	6.00	72.75	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	46	1

Sample Number	Type	Size	Units
01	R	6.	Slabs

Distress	Description	Sev	Quantity	Units
72	SHAT. SLAB	L	5.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
72	SHAT. SLAB	L	5.	Slabs	83.33	53.66

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	100.0 Percent Deduct Value
Climate/Durability	Related Distress =	0.0 Percent Deduct Value
Other	Related Distress =	0.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A11B **Name:** Nose Dock Access Apron **Use:** APRON
Section: 02 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
162.30	24.25	3,935.78	40.58	24.25	6.00	72.75	

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                 1. 78                  1

  Sample Number  Type              Size Units
  01             R                   6. Slabs

      Distress Description              Sev    Quantity Units
            63 LINEAR CR                L            6. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        63 LINEAR CR                L            6. Slabs             70.        22.

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =  100.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A12A **Name:** Taxilane on Apron 1 **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1981
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
625.00	37.60	23,500.00	10.00	25.00	94.00	2,627.40	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	70	10

Sample Number	Type	Size	Units
01	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs
66	SMALL PATCH	L	1.	Slabs
66	SMALL PATCH	M	2.	Slabs
67	LARGE PATCH	L	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
02	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	3.	Slabs
62	CORNER BREAK	M	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs
66	SMALL PATCH	L	2.	Slabs
66	SMALL PATCH	M	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	H	20.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	L	6.	Slabs
75	CORNER SPALL	M	2.	Slabs

Sample Number	Type	Size	Units
04	R	18.	Slabs

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

62	CORNER BREAK	L	1. Slabs
63	LINEAR CR	M	2. Slabs
65	JT SEAL DMG	H	18. Slabs
74	JOINT SPALL	M	1. Slabs
75	CORNER SPALL	M	1. Slabs

Sample Number	Type	Size	Units
05	R	17.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	3.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	17.	Slabs
74	JOINT SPALL	L	4.	Slabs
75	CORNER SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
06	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	H	20.	Slabs
71	FAULTING	L	5.	Slabs

Sample Number	Type	Size	Units
07	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs

Sample Number	Type	Size	Units
08	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	H	18.	Slabs
74	JOINT SPALL	L	4.	Slabs
75	CORNER SPALL	H	1.	Slabs
75	CORNER SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
09	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	H	1.	Slabs
62	CORNER BREAK	L	1.	Slabs
65	JT SEAL DMG	H	21.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
10	R	9.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	H	9.	Slabs
75	CORNER SPALL	L	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	H	.51	Slabs	1.	3.
62	CORNER BREAK	L	2.57	Slabs	2.73	2.34
62	CORNER BREAK	M	.51	Slabs	1.	1.5
63	LINEAR CR	H	1.54	Slabs	1.64	7.59
63	LINEAR CR	L	1.03	Slabs	1.09	1.16
63	LINEAR CR	M	2.05	Slabs	2.19	5.95
65	JT SEAL DMG	H	94.	Slabs	100.	12.
66	SMALL PATCH	L	1.54	Slabs	1.64	.41
66	SMALL PATCH	M	1.54	Slabs	1.64	.94
67	LARGE PATCH	L	.51	Slabs	1.	.75
71	FAULTING	L	2.57	Slabs	2.73	2.87
74	JOINT SPALL	L	4.62	Slabs	4.92	2.13
74	JOINT SPALL	M	1.54	Slabs	1.64	2.3
75	CORNER SPALL	H	.51	Slabs	1.	1.2
75	CORNER SPALL	L	4.62	Slabs	4.92	1.8
75	CORNER SPALL	M	2.57	Slabs	2.73	1.86

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	45.0	Percent Deduct Value
Climate/Durability	Related Distress =	25.0	Percent Deduct Value
Other	Related Distress =	30.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A14B **Name:** Add, Parking Apron 2 **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1977
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
363.50	29.00	10,541.50	14.00	40.00	18.82	624.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	1.	32	1

Sample Number	Type	Size	Units
01	R	19.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	9.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	19.	Slabs
66	SMALL PATCH	L	1.	Slabs
72	SHAT. SLAB	L	1.	Slabs
73	SHRINKAGE CR	N	3.	Slabs
74	JOINT SPALL	H	3.	Slabs
74	JOINT SPALL	L	7.	Slabs
74	JOINT SPALL	M	3.	Slabs
75	CORNER SPALL	L	2.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	1.	Slabs	5.26	4.03
63	LINEAR CR	L	9.	Slabs	47.37	20.06
63	LINEAR CR	M	2.	Slabs	10.53	19.29
65	JT SEAL DMG	H	19.	Slabs	100.	12.
66	SMALL PATCH	L	1.	Slabs	5.26	.54
72	SHAT. SLAB	L	1.	Slabs	5.26	11.45
73	SHRINKAGE CR	L	3.	Slabs	15.79	2.18
74	JOINT SPALL	H	3.	Slabs	15.79	26.28
74	JOINT SPALL	L	7.	Slabs	36.84	9.12
74	JOINT SPALL	M	3.	Slabs	15.79	11.42
75	CORNER SPALL	L	2.	Slabs	10.53	3.92

*** Percent of Deduct Values Based on Distress Mechanism ***

Load Related Distress = 46.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
Climate/Durability Related Distress =   10.0 Percent Deduct Value
Other              Related Distress =   44.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A14B **Name:** Add, Parking Apron 2 **Use:** APRON
Section: 02 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1977
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
325.00	290.00	94,250.00	12.50	15.00	502.67	13,208.33

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	25.	90	15

Sample Number	Type	Size	Units
02	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
65	JT SEAL DMG	M	20.	Slabs
67	LARGE PATCH	M	2.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
05	R	24.	Slabs

Sample Number	Type	Size	Units
07	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	20.	Slabs
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
09	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
67	LARGE PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
11	R	20.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
66	SMALL PATCH	L	3.	Slabs
67	LARGE PATCH	L	2.	Slabs

Sample Number	Type	Size	Units
12	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	1.	Slabs
67	LARGE PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
13	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
66	SMALL PATCH	M	1.	Slabs

Sample Number	Type	Size	Units
15	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	24.	Slabs

Sample Number	Type	Size	Units
17	R	20.	Slabs

Sample Number	Type	Size	Units
18	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs
67	LARGE PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
19	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
73	SHRINKAGE CR	N	3.	Slabs

Sample Number	Type	Size	Units
21	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	2.	Slabs

Inspection Report

Pavement Database:KEESLER

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Selection Criteria: Where ("&Use) = 'APRON'
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65	JT SEAL DMG	M	20. Slabs
73	SHRINKAGE CR	N	2. Slabs
74	JOINT SPALL	L	2. Slabs

Sample Number	Type	Size	Units
23	R	15.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
74	JOINT SPALL	H	1.	Slabs
75	CORNER SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
25	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	18.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	L	3.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	6.68	Slabs	1.33	1.37
62	CORNER BREAK	M	1.67	Slabs	1.	1.5
63	LINEAR CR	L	8.36	Slabs	1.66	1.82
65	JT SEAL DMG	L	103.61	Slabs	20.6	2.
65	JT SEAL DMG	M	66.84	Slabs	13.29	7.
66	SMALL PATCH	L	6.68	Slabs	1.33	.34
66	SMALL PATCH	M	1.67	Slabs	1.	.6
67	LARGE PATCH	L	8.36	Slabs	1.66	1.51
67	LARGE PATCH	M	3.34	Slabs	1.	2.5
73	SHRINKAGE CR	L	8.36	Slabs	1.66	.8
74	JOINT SPALL	H	1.67	Slabs	1.	3.
74	JOINT SPALL	L	13.37	Slabs	2.66	1.66
74	JOINT SPALL	M	1.67	Slabs	1.	1.
75	CORNER SPALL	L	10.03	Slabs	1.99	.84
75	CORNER SPALL	M	1.67	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	18.0	Percent Deduct Value
Climate/Durability	Related Distress =	34.0	Percent Deduct Value
Other	Related Distress =	48.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A15B **Name:** Aircraft Washrack **Use:** APRON
Section: 01 **Surface:** PCC **Family** T Keesler PCC **Last Const:** 1/ 1/1974
From: 00 **To:** 00
Category: **Zone:** **Rank:** T **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
113.04	142.50	16,108.20	12.50	25.00	51.55	1,677.44

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	4.	31	4

Sample Number	Type	Size	Units
01	R	12.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	M	12.	Slabs
72	SHAT. SLAB	L	1.	Slabs
72	SHAT. SLAB	L	1.	Slabs
72	SHAT. SLAB	M	4.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	H	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
02	R	17.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	3.	Slabs
67	LARGE PATCH	M	1.	Slabs
72	SHAT. SLAB	L	4.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
03	R	12.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	M	12.	Slabs
67	LARGE PATCH	L	3.	Slabs
72	SHAT. SLAB	L	9.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
04	R	6.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	2.	Slabs
72	SHAT. SLAB	L	1.	Slabs
72	SHAT. SLAB	M	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	1.11	Slabs	2.13	2.01
62	CORNER BREAK	M	2.21	Slabs	4.26	7.41
63	LINEAR CR	H	1.11	Slabs	2.13	9.29
63	LINEAR CR	L	7.74	Slabs	14.89	11.4
63	LINEAR CR	M	3.32	Slabs	6.38	13.81
65	JT SEAL DMG	M	26.55	Slabs	51.06	7.
67	LARGE PATCH	L	3.32	Slabs	6.38	3.85
67	LARGE PATCH	M	1.11	Slabs	2.13	6.14
72	SHAT. SLAB	L	17.7	Slabs	34.04	34.74
72	SHAT. SLAB	M	5.53	Slabs	10.64	28.2
73	SHRINKAGE CR	L	1.11	Slabs	2.13	.8
74	JOINT SPALL	L	1.11	Slabs	2.13	1.54
74	JOINT SPALL	M	1.11	Slabs	2.13	2.7
75	CORNER SPALL	H	1.11	Slabs	2.13	3.09
75	CORNER SPALL	L	1.11	Slabs	2.13	.88

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	81.0	Percent Deduct Value
Climate/Durability	Related Distress =	5.0	Percent Deduct Value
Other	Related Distress =	14.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A17B **Name:** Alpha Apron South **Use:** APRON
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area
1,122.70	40.00	44,908.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	11.	44	8

Sample Number	Type	Size	Units
01	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	2,499.98	SF
47	JT REF. CR	M	480.12	LF
48	L & T CR	M	51.01	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
03	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	580.15	LF
48	L & T CR	M	144.04	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
05	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	680.17	LF
48	L & T CR	M	27.01	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
06	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	480.12	LF
48	L & T CR	M	84.02	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
07	R	4,000.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	480.12	LF
48	L & T CR	M	191.05	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
08	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	580.15	LF
48	L & T CR	M	117.03	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
09	R	4,000.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	580.15	LF
48	L & T CR	M	111.03	LF
52	WEATH/RAVEL	L	3,999.97	SF

Sample Number	Type	Size	Units
11	R	4,908.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	680.17	LF
48	L & T CR	M	47.01	LF
52	WEATH/RAVEL	L	4,907.96	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	3,408.54	SF	7.59	15.56
47	JT REF. CR	M	6,191.55	LF	13.79	41.8
48	L & T CR	M	1,052.84	LF	2.35	17.08
52	WEATH/RAVEL	L	44,867.32	SF	99.91	26.34

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A17B **Name:** Alpha Apron South **Use:** APRON
Section: 02 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1975
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
428.38	132.00	56,545.90				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	12.	27	8

Sample Number	Type	Size	Units
01	R	4,400.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	576.15	LF
48	L & T CR	M	227.06	LF
52	WEATH/RAVEL	M	4,399.96	SF

Sample Number	Type	Size	Units
02	R	4,400.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	576.15	LF
48	L & T CR	M	202.05	LF
52	WEATH/RAVEL	M	4,399.96	SF

Sample Number	Type	Size	Units
03	R	4,400.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	576.15	LF
48	L & T CR	M	256.07	LF
52	WEATH/RAVEL	M	4,399.96	SF

Sample Number	Type	Size	Units
04	R	4,400.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	576.15	LF
48	L & T CR	M	243.06	LF
52	WEATH/RAVEL	M	4,399.96	SF

Sample Number	Type	Size	Units
06	R	4,400.	SF

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	576.15	LF
48	L & T CR	M	194.05	LF
52	WEATH/RAVEL	M	4,399.96	SF

Sample Number	Type	Size	Units
08	R	4,400.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	520.13	LF
48	L & T CR	M	212.05	LF
52	WEATH/RAVEL	M	4,399.96	SF

Sample Number	Type	Size	Units
10	R	5,935.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	520.13	LF
48	L & T CR	M	108.06	LF
52	WEATH/RAVEL	M	5,934.95	SF

Sample Number	Type	Size	Units
12	R	5,500.	SF

Distress	Description	Sev	Quantity	Units
47	JT REF. CR	M	576.15	LF
48	L & T CR	M	121.03	LF
52	WEATH/RAVEL	M	5,499.95	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
47	JT REF. CR	M	6,719.23	LF	11.89	39.8
48	L & T CR	M	2,335.93	LF	4.13	23.18
52	WEATH/RAVEL	M	56,529.12	SF	99.97	56.76

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	100.0	Percent Deduct Value
Other	Related Distress =	0.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A18B **Name:** Parking Apron 2 **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1974
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
1,105.00	160.00	176,800.00	10.00	12.50	1,414.40	30,559.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	61.	78	27

Sample Number	Type	Size	Units
01	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
63	LINEAR CR	M	2.	Slabs
73	SHRINKAGE CR	N	2.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
73	SHRINKAGE CR	N	2.	Slabs
74	JOINT SPALL	L	5.	Slabs
74	JOINT SPALL	M	3.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	L	6.	Slabs
63	LINEAR CR	M	2.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
09	R	24.	Slabs

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

63	LINEAR CR	L	7.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
12	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	9.	Slabs
73	SHRINKAGE CR	N	3.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
15	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	3.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
18	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	5.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	L	24.	Slabs
73	SHRINKAGE CR	N	2.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
21	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	6.	Slabs
73	SHRINKAGE CR	N	3.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
23	R	25.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
24	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
66	SMALL PATCH	L	3.	Slabs
66	SMALL PATCH	M	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
26	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	6.	Slabs
67	LARGE PATCH	L	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
27	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	7.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
29	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	6.	Slabs
74	JOINT SPALL	L	4.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
33	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	4.	Slabs
74	JOINT SPALL	L	4.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
35	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	9.	Slabs
74	JOINT SPALL	L	2.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
39	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	L	9.	Slabs
65	JT SEAL DMG	L	24.	Slabs
66	SMALL PATCH	L	1.	Slabs
72	SHAT. SLAB	L	1.	Slabs
72	SHAT. SLAB	M	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
41	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	6.	Slabs
72	SHAT. SLAB	L	1.	Slabs
73	SHRINKAGE CR	N	4.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
42	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	5.	Slabs
65	JT SEAL DMG	L	24.	Slabs
74	JOINT SPALL	L	3.	Slabs
75	CORNER SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
45	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs

Sample Number	Type	Size	Units
48	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
65	JT SEAL DMG	L	24.	Slabs

Sample Number	Type	Size	Units
50	R	24.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	7.	Slabs
74	JOINT SPALL	L	5.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
53	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs

Sample Number	Type	Size	Units
54	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	4.	Slabs
66	SMALL PATCH	L	2.	Slabs
66	SMALL PATCH	M	1.	Slabs

Sample Number	Type	Size	Units
57	R	24.	Slabs

Sample Number	Type	Size	Units
58	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
60	R	24.	Slabs

Sample Number	Type	Size	Units
61	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	2.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	23.97	Slabs	1.69	1.73
62	CORNER BREAK	M	4.36	Slabs	1.	1.5
63	LINEAR CR	L	250.55	Slabs	17.72	12.73
63	LINEAR CR	M	37.04	Slabs	2.62	7.04

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

65	JT SEAL DMG	L	209.16 Slabs	14.79	2.
66	SMALL PATCH	L	13.07 Slabs	1.	.15
66	SMALL PATCH	M	4.36 Slabs	1.	.6
67	LARGE PATCH	L	2.18 Slabs	1.	.75
72	SHAT. SLAB	L	4.36 Slabs	1.	2.5
72	SHAT. SLAB	M	2.18 Slabs	1.	5.
73	SHRINKAGE CR	L	37.04 Slabs	2.62	.82
74	JOINT SPALL	L	76.26 Slabs	5.39	2.24
74	JOINT SPALL	M	15.25 Slabs	1.08	1.27
75	CORNER SPALL	L	23.97 Slabs	1.69	.74
75	CORNER SPALL	M	4.36 Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	76.0 Percent Deduct Value
Climate/Durability	Related Distress =	5.0 Percent Deduct Value
Other	Related Distress =	19.0 Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A19B **Name:** Prking Apron 3-Transition **Use:** APRON
Section: 01 **Surface:** AC **Family** P Keesler AC **Last Const:** 1/ 1/1970
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0
Length	Width	Area				
212.60	55.00	11,693.00				

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	3.	36	3

Sample Number	Type	Size	Units
01	R	5,500.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	4,499.96	SF
47	JT REF. CR	M	700.18	LF
52	WEATH/RAVEL	L	5,499.95	SF

Sample Number	Type	Size	Units
02	R	5,500.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	4,499.96	SF
47	JT REF. CR	M	700.18	LF
52	WEATH/RAVEL	L	4,999.96	SF
54	SHOVING	M	25.	SF

Sample Number	Type	Size	Units
03	R	693.	SF

Distress	Description	Sev	Quantity	Units
43	BLOCK CR	L	623.69	SF
47	JT REF. CR	M	117.03	LF
52	WEATH/RAVEL	L	692.99	SF

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
43	BLOCK CR	L	9,626.41	SF	82.33	33.43
47	JT REF. CR	M	1,517.83	LF	12.98	41.
52	WEATH/RAVEL	L	11,196.16	SF	95.75	25.94
54	SHOVING	M	25.01	SF	.21	7.38

*** Percent of Deduct Values Based on Distress Mechanism ***

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
Load                Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =   93.0 Percent Deduct Value
Other               Related Distress =    7.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A20B **Name:** Parking Apron 3 **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1952
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
1,785.00	220.00	392,700.01	12.50	20.00	1,570.80	49,046.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	69.	74	27

Sample Number	Type	Size	Units
01	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	M	24.	Slabs
72	SHAT. SLAB	M	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	H	1.	Slabs
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	4.	Slabs
65	JT SEAL DMG	H	20.	Slabs
72	SHAT. SLAB	M	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
07	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
65	JT SEAL DMG	M	24.	Slabs
67	LARGE PATCH	L	1.	Slabs
73	SHRINKAGE CR	N	2.	Slabs

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
09	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	M	20.	Slabs
66	SMALL PATCH	L	1.	Slabs
71	FAULTING	M	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
13	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	1.	Slabs
73	SHRINKAGE CR	N	6.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
16	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	M	20.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
19	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	L	3.	Slabs
65	JT SEAL DMG	M	24.	Slabs
71	FAULTING	M	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
20	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	4.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	24.	Slabs
67	LARGE PATCH	M	1.	Slabs

Sample Number	Type	Size	Units
25	R	24.	Slabs

Distress	Description	Sev	Quantity	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

	63	LINEAR CR	M	2. Slabs
	65	JT SEAL DMG	M	24. Slabs
	73	SHRINKAGE CR	N	3. Slabs

Sample Number	Type	Size	Units
27	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	4.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs
71	FAULTING	L	7.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
29	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	1.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	24.	Slabs
66	SMALL PATCH	L	2.	Slabs
67	LARGE PATCH	L	1.	Slabs
71	FAULTING	L	1.	Slabs
71	FAULTING	M	2.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
31	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
65	JT SEAL DMG	M	24.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
34	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	H	20.	Slabs
66	SMALL PATCH	L	1.	Slabs
67	LARGE PATCH	L	2.	Slabs

Sample Number	Type	Size	Units
37	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
65	JT SEAL DMG	L	24.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

73	SHRINKAGE CR	N	2.	Slabs

Sample Number	Type	Size	Units
41	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	4.	Slabs
65	JT SEAL DMG	H	24.	Slabs
66	SMALL PATCH	L	1.	Slabs
67	LARGE PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
43	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
72	SHAT. SLAB	L	1.	Slabs
73	SHRINKAGE CR	N	7.	Slabs

Sample Number	Type	Size	Units
45	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	M	20.	Slabs
67	LARGE PATCH	L	2.	Slabs

Sample Number	Type	Size	Units
49	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
63	LINEAR CR	M	4.	Slabs
65	JT SEAL DMG	M	24.	Slabs
71	FAULTING	L	3.	Slabs
73	SHRINKAGE CR	N	3.	Slabs

Sample Number	Type	Size	Units
50	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	24.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
52	R	20.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	2.	Slabs
65	JT SEAL DMG	M	20.	Slabs
71	FAULTING	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
55	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	4.	Slabs
73	SHRINKAGE CR	N	3.	Slabs

Sample Number	Type	Size	Units
56	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	24.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
75	CORNER SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
61	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	8.	Slabs
73	SHRINKAGE CR	N	5.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
62	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	3.	Slabs
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	H	24.	Slabs
73	SHRINKAGE CR	N	2.	Slabs
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
63	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	2.	Slabs
65	JT SEAL DMG	M	20.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
           67 LARGE PATCH               L            1. Slabs

  Sample Number  Type              Size Units
  68             R                  12. Slabs

      Distress Description              Sev    Quantity Units
            63 LINEAR CR                L           2. Slabs
            65 JT SEAL DMG              M          12. Slabs
            67 LARGE PATCH              L           1. Slabs
            73 SHRINKAGE CR             N           1. Slabs

  Sample Number  Type              Size Units
  69             R                  10. Slabs

      Distress Description              Sev    Quantity Units
            62 CORNER BREAK             L           1. Slabs
            65 JT SEAL DMG              M          10. Slabs
            71 FAULTING                 L           1. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description               Sev    Quantity Units        Density %     Deduct
        62 CORNER BREAK              H          2.66 Slabs              1.         3.
        62 CORNER BREAK              L         15.98 Slabs           1.02        .75
        62 CORNER BREAK              M          7.99 Slabs             1.        1.5
        63 LINEAR CR                 H          5.33 Slabs             1.        3.5
        63 LINEAR CR                 L        125.15 Slabs           7.97       7.15
        63 LINEAR CR                 M         61.24 Slabs            3.9       9.69
        65 JT SEAL DMG               H        543.19 Slabs          34.58        12.
        65 JT SEAL DMG               L         63.91 Slabs           4.07         2.
        65 JT SEAL DMG               M        708.28 Slabs          45.08         7.
        66 SMALL PATCH               L         13.31 Slabs             1.       .15
        67 LARGE PATCH               L         23.96 Slabs           1.53       1.42
        67 LARGE PATCH               M          2.66 Slabs             1.        2.5
        71 FAULTING                  L         34.62 Slabs            2.2        2.5
        71 FAULTING                  M         10.65 Slabs             1.         2.
        72 SHAT. SLAB                L          2.66 Slabs             1.        2.5
        72 SHAT. SLAB                M          5.33 Slabs             1.         5.
        73 SHRINKAGE CR              L        109.17 Slabs           6.95       1.27
        74 JOINT SPALL               L         23.96 Slabs           1.53       1.28
        75 CORNER SPALL              L          7.99 Slabs             1.         .3
        75 CORNER SPALL              M         10.65 Slabs             1.         .8

--------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
--------------------------------------------------------------------------------
Load               Related Distress =   50.0 Percent Deduct Value
Climate/Durability Related Distress =   32.0 Percent Deduct Value
Other              Related Distress =   18.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A21B **Name:** Warm-up Apron **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1973
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Shoulder Width	Slab Length	Slabs	Joint Length
561.00	130.00	72,930.00	12.50	15.00	388.96	10,005.40

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	20.	98	13

Sample Number	Type	Size	Units
01	R	20.	Slabs

Sample Number	Type	Size	Units
03	R	14.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs

Sample Number	Type	Size	Units
05	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs

Sample Number	Type	Size	Units
06	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
67	LARGE PATCH	L	1.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
07	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
08	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
  10             R                   20. Slabs

      Distress Description              Sev    Quantity Units
            62 CORNER BREAK             L           1. Slabs

  Sample Number  Type              Size Units
  11             R                   20. Slabs

  Sample Number  Type              Size Units
  12             R                   20. Slabs

      Distress Description              Sev    Quantity Units
            75 CORNER SPALL             L           1. Slabs

  Sample Number  Type              Size Units
  14             R                   20. Slabs

  Sample Number  Type              Size Units
  16             R                   20. Slabs

      Distress Description              Sev    Quantity Units
            63 LINEAR CR                L           1. Slabs

  Sample Number  Type              Size Units
  18             R                   20. Slabs

  Sample Number  Type              Size Units
  20             R                   13. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description               Sev    Quantity Units        Density %     Deduct
        62 CORNER BREAK              L          4.72 Slabs             1.21       1.19
        63 LINEAR CR                 L          3.15 Slabs               1.         1.
        67 LARGE PATCH               L          1.57 Slabs               1.        .75
        74 JOINT SPALL               L          3.15 Slabs               1.        .6
        75 CORNER SPALL              L          1.57 Slabs               1.        .3

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =   57.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =   43.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A22C **Name:** Hangar Access **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1942
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
325.00	196.00	63,700.00	10.00	25.00	254.80	8,397.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	13.	9	10

Sample Number	Type	Size	Units
01	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	2.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	11.	Slabs
65	JT SEAL DMG	M	20.	Slabs
66	SMALL PATCH	L	3.	Slabs
66	SMALL PATCH	M	1.	Slabs

Sample Number	Type	Size	Units
02	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	11.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	5.	Slabs
65	JT SEAL DMG	H	20.	Slabs
72	SHAT. SLAB	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	16.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	20.	Slabs
66	SMALL PATCH	L	4.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
06	R	20.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	16.	Slabs
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs
66	SMALL PATCH	L	4.	Slabs
66	SMALL PATCH	M	1.	Slabs
72	SHAT. SLAB	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
07	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	10.	Slabs
63	LINEAR CR	M	8.	Slabs
65	JT SEAL DMG	H	20.	Slabs
66	SMALL PATCH	L	5.	Slabs
71	FAULTING	M	1.	Slabs

Sample Number	Type	Size	Units
08	R	19.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	11.	Slabs
63	LINEAR CR	M	6.	Slabs
66	SMALL PATCH	L	1.	Slabs
72	SHAT. SLAB	H	1.	Slabs
72	SHAT. SLAB	M	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
09	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	5.	Slabs
63	LINEAR CR	M	12.	Slabs
65	JT SEAL DMG	H	20.	Slabs
71	FAULTING	M	1.	Slabs
72	SHAT. SLAB	H	1.	Slabs
72	SHAT. SLAB	M	2.	Slabs

Sample Number	Type	Size	Units
10	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	16.	Slabs
63	LINEAR CR	L	2.	Slabs
65	JT SEAL DMG	H	20.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

72	SHAT. SLAB	L	1. Slabs
72	SHAT. SLAB	M	1. Slabs

Sample Number	Type	Size	Units
12	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	7.	Slabs
63	LINEAR CR	M	10.	Slabs
65	JT SEAL DMG	H	20.	Slabs
67	LARGE PATCH	H	1.	Slabs

Sample Number	Type	Size	Units
13	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	13.	Slabs
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs
72	SHAT. SLAB	L	1.	Slabs
72	SHAT. SLAB	M	3.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
63	LINEAR CR	H	137.11	Slabs	53.77	67.27
63	LINEAR CR	L	12.81	Slabs	5.03	4.79
63	LINEAR CR	M	70.48	Slabs	27.64	33.89
65	JT SEAL DMG	H	205.03	Slabs	80.4	12.
65	JT SEAL DMG	M	25.63	Slabs	10.05	7.
66	SMALL PATCH	L	21.78	Slabs	8.54	.9
66	SMALL PATCH	M	2.56	Slabs	1.01	.6
67	LARGE PATCH	H	1.28	Slabs	1.	4.
71	FAULTING	M	2.56	Slabs	1.01	2.02
72	SHAT. SLAB	H	2.56	Slabs	1.01	12.06
72	SHAT. SLAB	L	3.84	Slabs	1.51	3.72
72	SHAT. SLAB	M	10.25	Slabs	4.02	16.85
73	SHRINKAGE CR	L	3.84	Slabs	1.51	.79

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	84.0	Percent Deduct Value
Climate/Durability	Related Distress =	11.0	Percent Deduct Value
Other	Related Distress =	5.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A23B **Name:** Maintenance Apron **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1988
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
225.00	140.00	31,500.00	10.00	25.00	126.00	4,045.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	12.	99	10

Sample Number	Type	Size	Units
01	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
02	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
03	R	21.	Slabs

Sample Number	Type	Size	Units
04	R	21.	Slabs

Sample Number	Type	Size	Units
06	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
07	R	21.	Slabs

Sample Number	Type	Size	Units
08	R	21.	Slabs

Sample Number	Type	Size	Units
09	R	21.	Slabs

Sample Number	Type	Size	Units
11	R	21.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
12	R	21.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
74	JOINT SPALL	M	1.2	Slabs	1.	1.
75	CORNER SPALL	L	1.2	Slabs	1.	.3

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	0.0	Percent Deduct Value
Climate/Durability	Related Distress =	0.0	Percent Deduct Value
Other	Related Distress =	100.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A24C **Name:** Hangar Apron **Use:** APRON
Section: 01 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1942
From: 00 **To:** 00
Category: **Zone:** **Rank:** S **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
325.00	196.00	63,700.00	10.00	25.00	254.80	8,397.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	10.	16	10

Sample Number	Type	Size	Units
01	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	9.	Slabs
63	LINEAR CR	L	3.	Slabs
63	LINEAR CR	M	7.	Slabs
65	JT SEAL DMG	H	24.	Slabs
72	SHAT. SLAB	M	2.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
02	R	27.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	5.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	17.	Slabs
65	JT SEAL DMG	H	27.	Slabs
75	CORNER SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	19.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	14.	Slabs
65	JT SEAL DMG	H	19.	Slabs
73	SHRINKAGE CR	N	2.	Slabs

Sample Number	Type	Size	Units
04	R	28.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	16.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

63	LINEAR CR	M	3. Slabs
65	JT SEAL DMG	H	28. Slabs
72	SHAT. SLAB	H	1. Slabs
74	JOINT SPALL	L	1. Slabs

Sample Number	Type	Size	Units
05	R	28.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	17.	Slabs
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	H	28.	Slabs
72	SHAT. SLAB	M	1.	Slabs
74	JOINT SPALL	L	2.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	H	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	2.	Slabs
63	LINEAR CR	M	19.	Slabs
65	JT SEAL DMG	H	24.	Slabs
72	SHAT. SLAB	L	1.	Slabs
73	SHRINKAGE CR	N	2.	Slabs

Sample Number	Type	Size	Units
07	R	27.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	6.	Slabs
63	LINEAR CR	M	19.	Slabs
65	JT SEAL DMG	H	27.	Slabs
72	SHAT. SLAB	L	1.	Slabs
72	SHAT. SLAB	M	1.	Slabs

Sample Number	Type	Size	Units
08	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	16.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	5.	Slabs
65	JT SEAL DMG	H	24.	Slabs
66	SMALL PATCH	H	1.	Slabs
72	SHAT. SLAB	L	2.	Slabs
74	JOINT SPALL	H	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
09	R	18.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	3.	Slabs
63	LINEAR CR	M	14.	Slabs
65	JT SEAL DMG	H	18.	Slabs

Sample Number	Type	Size	Units
10	R	22.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	H	7.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	13.	Slabs
65	JT SEAL DMG	H	22.	Slabs
67	LARGE PATCH	M	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
63	LINEAR CR	H	85.71	Slabs	33.61	53.61
63	LINEAR CR	L	6.35	Slabs	2.49	2.56
63	LINEAR CR	M	120.62	Slabs	47.3	43.89
65	JT SEAL DMG	H	255.	Slabs	100.	12.
66	SMALL PATCH	H	1.06	Slabs	1.	2.
67	LARGE PATCH	M	1.06	Slabs	1.	2.5
72	SHAT. SLAB	H	1.06	Slabs	1.	12.
72	SHAT. SLAB	L	4.23	Slabs	1.66	4.11
72	SHAT. SLAB	M	4.23	Slabs	1.66	9.18
73	SHRINKAGE CR	L	4.23	Slabs	1.66	.8
74	JOINT SPALL	H	1.06	Slabs	1.	3.
74	JOINT SPALL	L	4.23	Slabs	1.66	1.36
74	JOINT SPALL	M	2.12	Slabs	1.	1.
75	CORNER SPALL	H	1.06	Slabs	1.	1.2
75	CORNER SPALL	L	1.06	Slabs	1.	.3
75	CORNER SPALL	M	1.06	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	83.0	Percent Deduct Value
Climate/Durability	Related Distress =	8.0	Percent Deduct Value
Other	Related Distress =	9.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A24C **Name:** Hangar Apron **Use:** APRON
Section: 02 **Surface:** PCC **Family** S Keesler PCC **Last Const:** 1/ 1/1988
From: 00 **To:** 00

Category:	Zone:	Rank: S	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area		Width	Slab Length	Slabs	Joint Length
125.00	19.02	2,377.50		10.00	25.00	13.00	188.83

Inspections

```
Last Insp Date   Total Samples PCI   Samples Surveyed
02/03/2001                  1. 81                  1

  Sample Number  Type              Size Units
  01             R                  13. Slabs

      Distress Description              Sev    Quantity Units
            63 LINEAR CR                L            5. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description              Sev    Quantity Units        Density %     Deduct
        63 LINEAR CR                L            5. Slabs            38.46      18.68

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load               Related Distress =  100.0 Percent Deduct Value
Climate/Durability Related Distress =    0.0 Percent Deduct Value
Other              Related Distress =    0.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A25B **Name:** Hangar Apron **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1986
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area		Width	Slab Length	Slabs	Joint Length
625.00	201.75	126,093.75		10.00	25.00	504.38	16,826.38

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	52.	78	22

Sample Number	Type	Size	Units
01	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	2.	Slabs
63	LINEAR CR	M	4.	Slabs
65	JT SEAL DMG	H	20.	Slabs
71	FAULTING	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
03	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	4.	Slabs
63	LINEAR CR	L	2.	Slabs
65	JT SEAL DMG	M	20.	Slabs

Sample Number	Type	Size	Units
06	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	M	20.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs

Sample Number	Type	Size	Units
09	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	20.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
12	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	1.	Slabs
65	JT SEAL DMG	M	20.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
15	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	L	20.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
19	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
66	SMALL PATCH	L	1.	Slabs
67	LARGE PATCH	L	4.	Slabs

Sample Number	Type	Size	Units
21	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	M	20.	Slabs
74	JOINT SPALL	L	2.	Slabs

Sample Number	Type	Size	Units
24	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	M	20.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
27	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	5.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
30	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	M	20.	Slabs
66	SMALL PATCH	L	2.	Slabs
67	LARGE PATCH	L	1.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
31	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	20.	Slabs
66	SMALL PATCH	L	1.	Slabs

Sample Number	Type	Size	Units
33	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	M	1.	Slabs
65	JT SEAL DMG	H	20.	Slabs
74	JOINT SPALL	L	2.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
36	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	3.	Slabs
63	LINEAR CR	L	1.	Slabs
63	LINEAR CR	M	2.	Slabs
65	JT SEAL DMG	H	20.	Slabs
73	SHRINKAGE CR	N	2.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
39	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	M	6.	Slabs
65	JT SEAL DMG	M	20.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Sample Number	Type	Size	Units
43	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
74	JOINT SPALL	L	3.	Slabs
75	CORNER SPALL	L	4.	Slabs

Sample Number	Type	Size	Units
45	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	M	20.	Slabs
66	SMALL PATCH	L	4.	Slabs

Sample Number	Type	Size	Units
47	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	2.	Slabs
65	JT SEAL DMG	M	20.	Slabs
72	SHAT. SLAB	L	1.	Slabs

Sample Number	Type	Size	Units
48	R	20.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	H	20.	Slabs
73	SHRINKAGE CR	N	1.	Slabs
74	JOINT SPALL	L	1.	Slabs
74	JOINT SPALL	M	1.	Slabs
75	CORNER SPALL	M	2.	Slabs

Sample Number	Type	Size	Units
49	R	10.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	M	10.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
51	R	10.	Slabs

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
52	R	10.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Distress	Description	Sev	Quantity	Units
74	JOINT SPALL	L	1.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	17.21	Slabs	3.41	2.74
63	LINEAR CR	L	17.21	Slabs	3.41	3.38
63	LINEAR CR	M	28.27	Slabs	5.61	12.62
65	JT SEAL DMG	H	122.93	Slabs	24.39	12.
65	JT SEAL DMG	L	49.17	Slabs	9.76	2.
65	JT SEAL DMG	M	233.56	Slabs	46.34	7.
66	SMALL PATCH	L	9.83	Slabs	1.95	.43
67	LARGE PATCH	L	6.15	Slabs	1.22	1.13
71	FAULTING	L	1.23	Slabs	1.	1.
72	SHAT. SLAB	L	1.23	Slabs	1.	2.5
73	SHRINKAGE CR	L	7.38	Slabs	1.46	.79
74	JOINT SPALL	L	22.13	Slabs	4.39	2.01
74	JOINT SPALL	M	3.69	Slabs	1.	1.
75	CORNER SPALL	L	9.83	Slabs	1.95	.83
75	CORNER SPALL	M	2.46	Slabs	1.	.8

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	42.0	Percent Deduct Value
Climate/Durability	Related Distress =	42.0	Percent Deduct Value
Other	Related Distress =	16.0	Percent Deduct Value

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A26A **Name:** Maintenance Apron T/W **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1988
From: 00 **To:** 00

Category:	Zone:	Rank: P	Street Type:	Shoulder:	Grade:	Lanes: 0	
Length	Width	Area	Width	Slab Length	Slabs	Joint Length	
300.00	68.00	20,400.00	10.00	12.50	168.00	3,304.00	

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	8.	96	8

Sample Number	Type	Size	Units
01	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs

Sample Number	Type	Size	Units
02	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs
74	JOINT SPALL	L	1.	Slabs
75	CORNER SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
03	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
04	R	21.	Slabs

Sample Number	Type	Size	Units
05	R	21.	Slabs

Distress	Description	Sev	Quantity	Units
65	JT SEAL DMG	L	21.	Slabs
74	JOINT SPALL	L	3.	Slabs

Sample Number	Type	Size	Units
06	R	21.	Slabs

Sample Number	Type	Size	Units

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

```
  07             R                  21. Slabs

      Distress Description              Sev    Quantity Units
            65 JT SEAL DMG              L          21. Slabs
            74 JOINT SPALL              L           2. Slabs

  Sample Number  Type              Size Units
  08             R                  21. Slabs

      Distress Description              Sev    Quantity Units
            65 JT SEAL DMG              L          21. Slabs
            74 JOINT SPALL              L           2. Slabs

Extrapolated Distress Quantities
--------------------------------
  Distress Description               Sev    Quantity Units        Density %     Deduct
        65 JT SEAL DMG               L          126. Slabs             75.         2.
        74 JOINT SPALL               L            9. Slabs           5.36       2.23
        75 CORNER SPALL              L            1. Slabs             1.         .3

-------------------------------------------------------------------------------------
*** Percent of Deduct Values Based on Distress Mechanism ***
-------------------------------------------------------------------------------------
Load              Related Distress =    0.0 Percent Deduct Value
Climate/Durability Related Distress =   44.0 Percent Deduct Value
Other             Related Distress =   56.0 Percent Deduct Value
```

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

Network: Keesler **Name:** Keesler AFB
Branch: A27B **Name:** Alpha Apron **Use:** APRON
Section: 01 **Surface:** PCC **Family** P Keesler PCC **Last Const:** 1/ 1/1974
From: 00 **To:** 00
Category: **Zone:** **Rank:** P **Street Type:** **Shoulder:** **Grade:** **Lanes:** 0

Length	Width	Area	Width	Slab Length	Slabs	Joint Length
140.00	160.00	22,400.00	10.00	12.50	178.00	3,732.00

Inspections

Last Insp Date	Total Samples	PCI	Samples Surveyed
02/03/2001	8	67	8

Sample Number	Type	Size	Units
01	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	M	1.	Slabs
63	LINEAR CR	L	7.	Slabs
63	LINEAR CR	M	3.	Slabs
65	JT SEAL DMG	L	24.	Slabs
72	SHAT. SLAB	L	4.	Slabs
72	SHAT. SLAB	M	4.	Slabs
73	SHRINKAGE CR	N	4.	Slabs

Sample Number	Type	Size	Units
02	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	11.	Slabs
67	LARGE PATCH	L	2.	Slabs
72	SHAT. SLAB	L	3.	Slabs
73	SHRINKAGE CR	N	12.	Slabs

Sample Number	Type	Size	Units
03	R	26.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	2.	Slabs
67	LARGE PATCH	L	9.	Slabs
73	SHRINKAGE CR	N	1.	Slabs

Sample Number	Type	Size	Units
04	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

63	LINEAR CR	L	5. Slabs
65	JT SEAL DMG	L	24. Slabs
66	SMALL PATCH	L	1. Slabs
73	SHRINKAGE CR	N	3. Slabs
74	JOINT SPALL	L	1. Slabs

Sample Number	Type	Size	Units
05	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	8.	Slabs
65	JT SEAL DMG	L	24.	Slabs
73	SHRINKAGE CR	N	2.	Slabs

Sample Number	Type	Size	Units
06	R	24.	Slabs

Distress	Description	Sev	Quantity	Units
63	LINEAR CR	L	14.	Slabs
73	SHRINKAGE CR	N	4.	Slabs
74	JOINT SPALL	L	1.	Slabs

Sample Number	Type	Size	Units
07	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	1.	Slabs
63	LINEAR CR	L	5.	Slabs

Sample Number	Type	Size	Units
08	R	16.	Slabs

Distress	Description	Sev	Quantity	Units
62	CORNER BREAK	L	2.	Slabs
63	LINEAR CR	L	4.	Slabs
67	LARGE PATCH	L	1.	Slabs
73	SHRINKAGE CR	N	4.	Slabs

Extrapolated Distress Quantities

Distress	Description	Sev	Quantity	Units	Density %	Deduct
62	CORNER BREAK	L	8.	Slabs	4.49	3.47
62	CORNER BREAK	M	1.	Slabs	1.	1.5
63	LINEAR CR	L	56.	Slabs	31.46	17.21
63	LINEAR CR	M	3.	Slabs	1.69	4.42
65	JT SEAL DMG	L	72.	Slabs	40.45	2.
66	SMALL PATCH	L	1.	Slabs	1.	.15
67	LARGE PATCH	L	12.	Slabs	6.74	4.05

Inspection Report

Pavement Database:KEESLER

Report Date: 7/22/2003
Site Name:
Selection Criteria: Where ("&Use) = 'APRON'
Sort Criteria: Order By NetworkID ASC, BranchID ASC, SectionID ASC, Use ASC

72	SHAT. SLAB	L	7. Slabs	3.93	9.14
72	SHAT. SLAB	M	4. Slabs	2.25	11.68
73	SHRINKAGE CR	L	30. Slabs	16.85	2.31
74	JOINT SPALL	L	2. Slabs	1.12	.84

*** Percent of Deduct Values Based on Distress Mechanism ***

Load	Related Distress =	83.0	Percent Deduct Value
Climate/Durability	Related Distress =	4.0	Percent Deduct Value
Other	Related Distress =	13.0	Percent Deduct Value