



BGA GIS Applications



Blue Grass Airport

www.bluegrassairport.com Lexington, KY

App-139

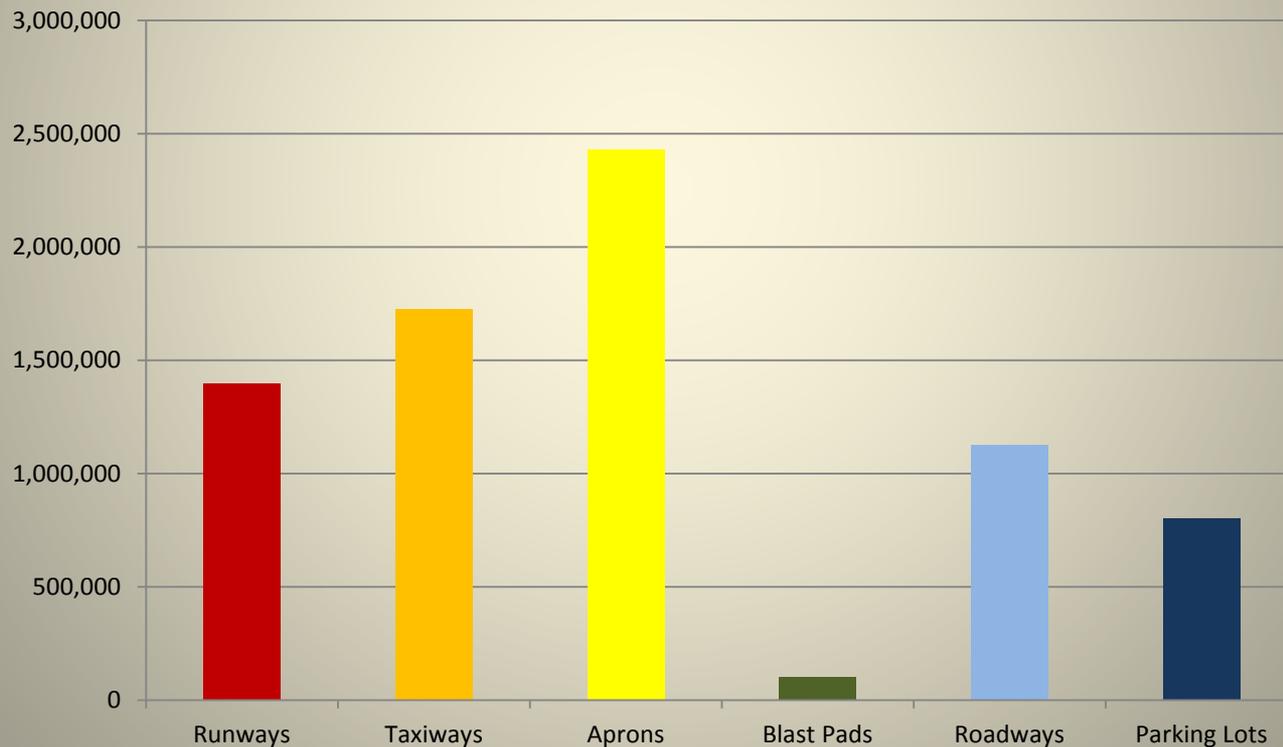
- <http://lex.app-139.com/>
- Airport Operations
 - Job is to keep airfield safe and open
- 8 Operations Specialist
- 1 Ops Manager
- Report to FAA Certification Inspector on a yearly basis



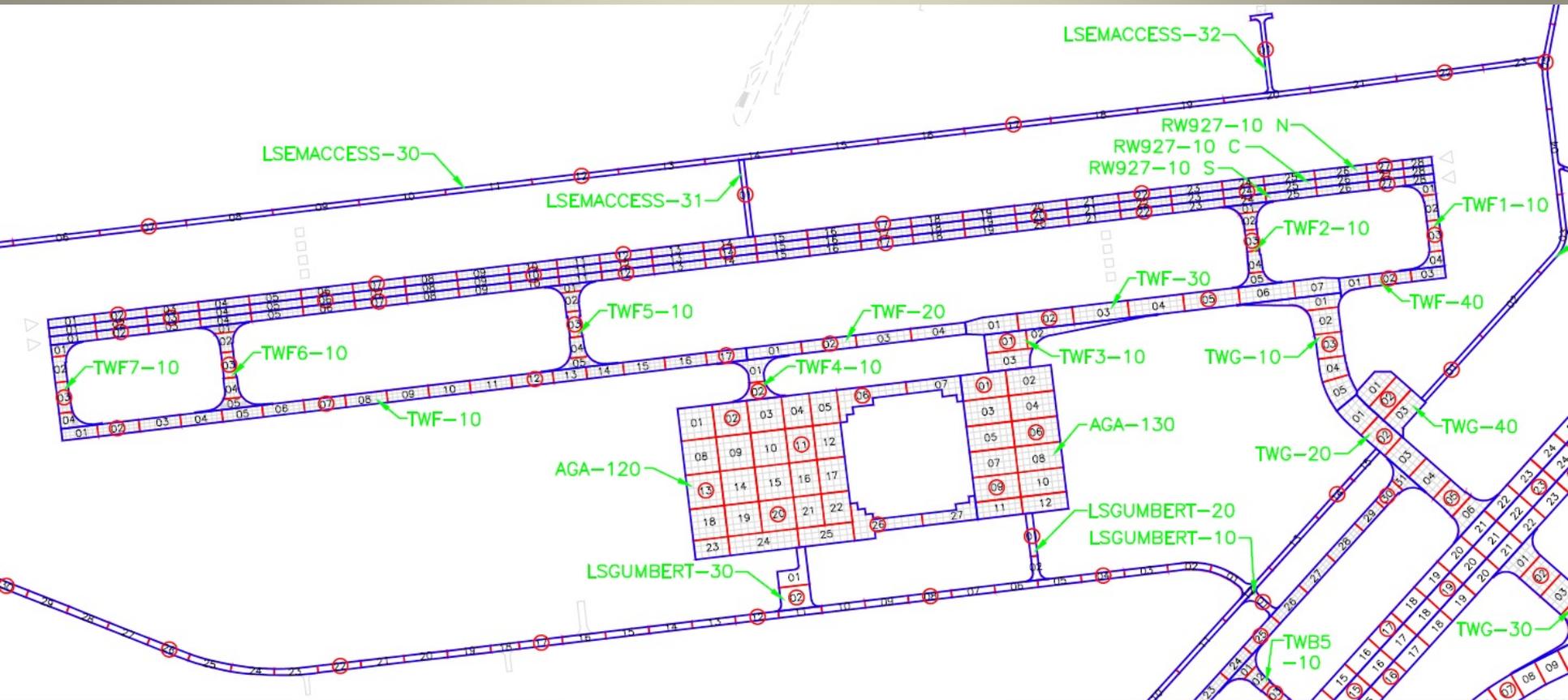
Pavement Management Inspections

- BGA has approximately 7.7 million sq ft of pavement
- 20% sampling rate

Total Pavement Area (SF) vs. Branch Use

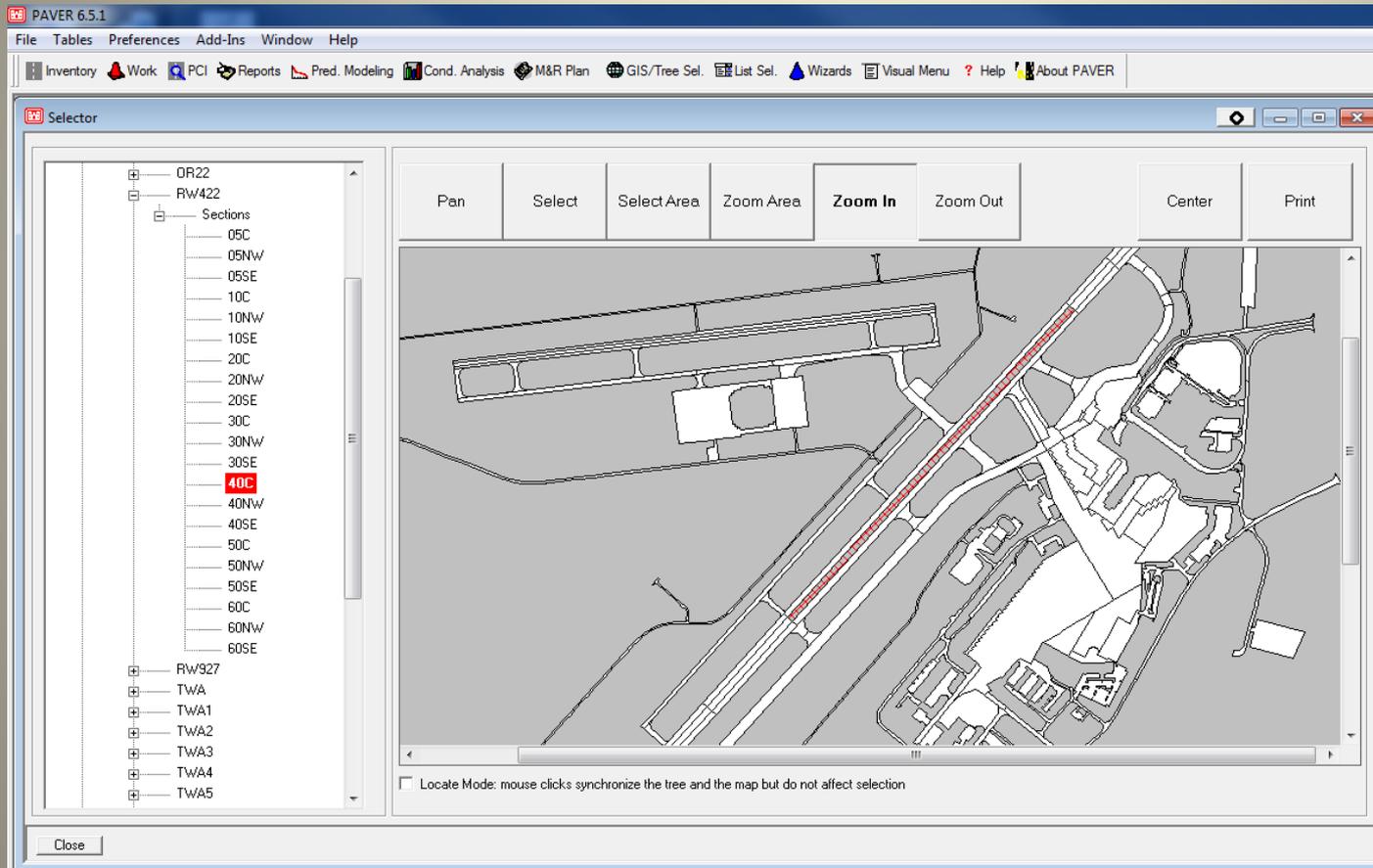


Pavement Network



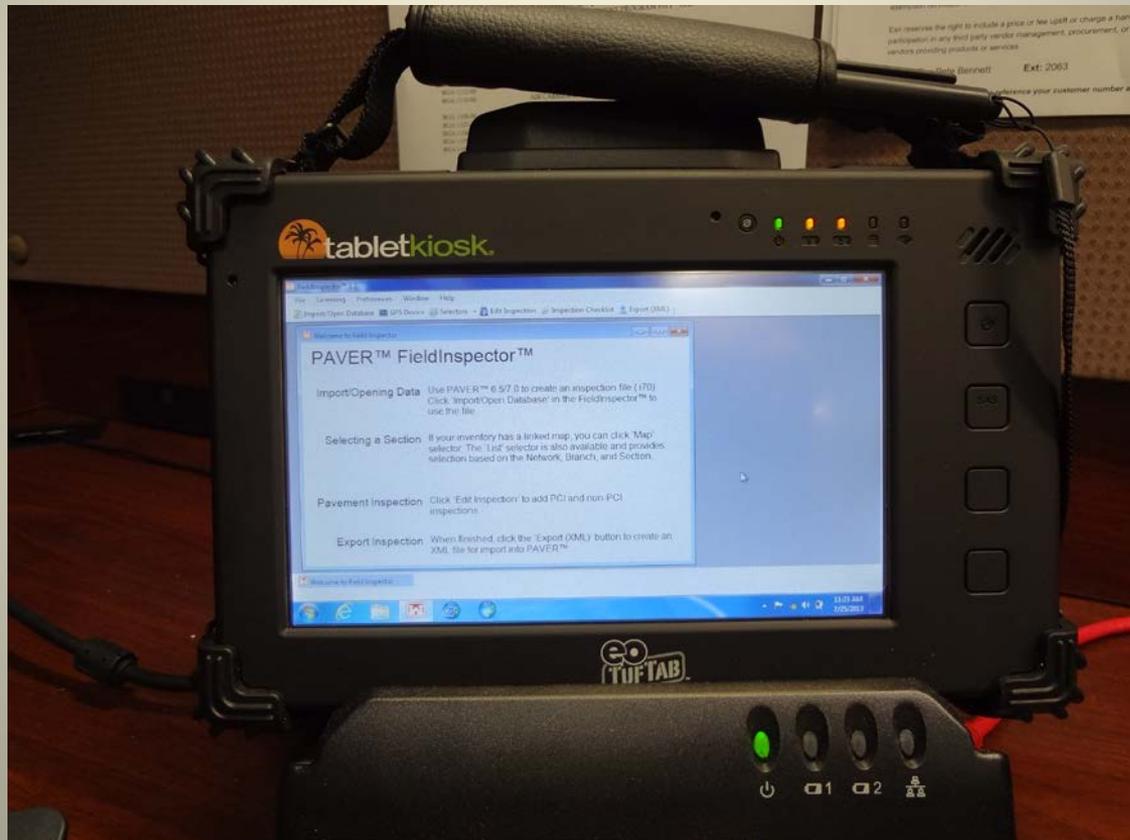
Pavement Management

- MicroPaver 6.5.1

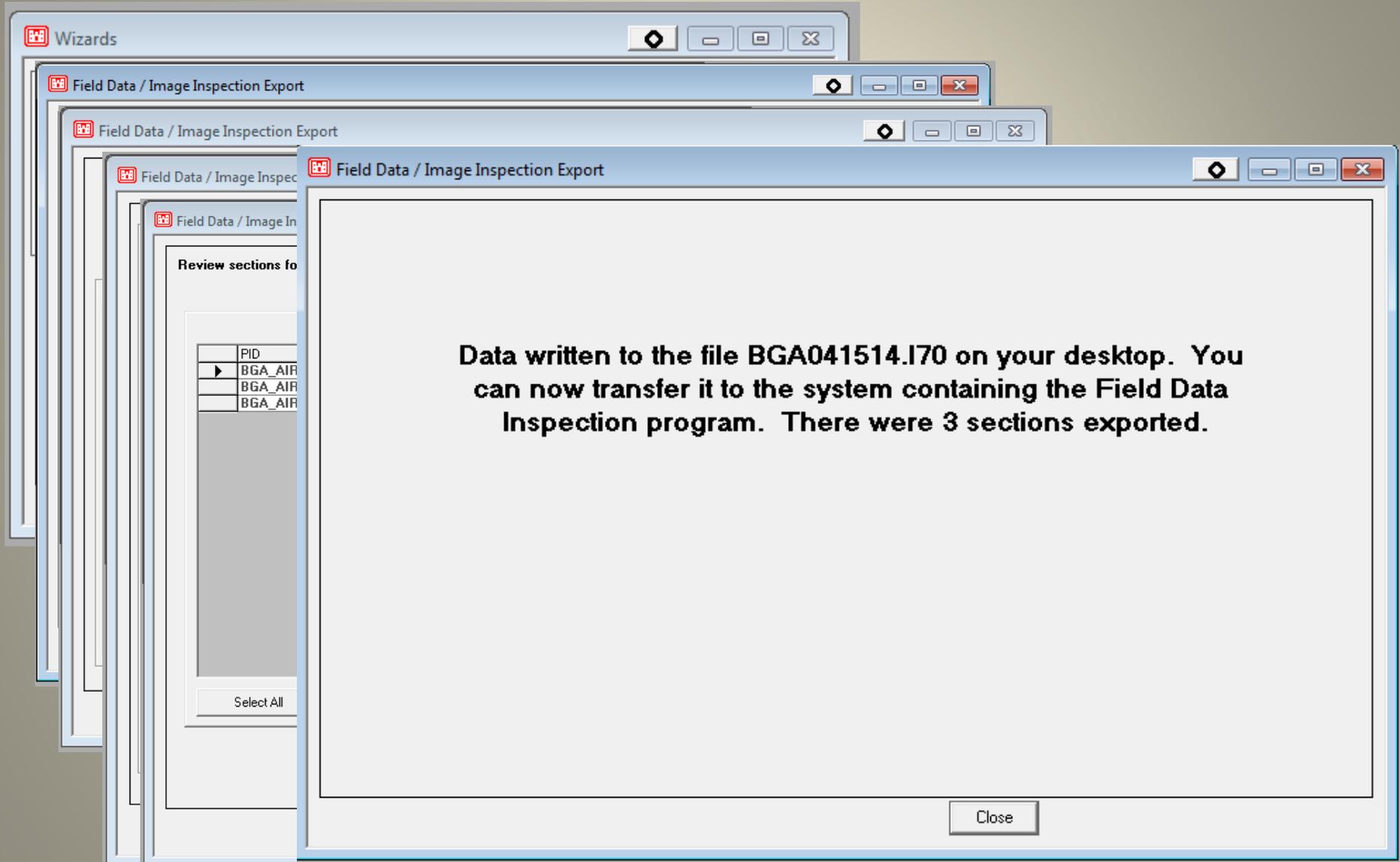


Pavement Management Inspections

- Tablet Kiosk eoTufTab
 - MicroPaver Field Inspector



MicroPaver Check Out



Edit Inspection (BGA_AIR::RW927::10C)

Summary data at time of inspection

Branch Use	RUNWAY	Surface Type	PCC	Rank	S	Slab Properties	
Length	4,000.00 Ft	Width	25.00 Ft	True Area	100,000.00 SqFt	Length	15.0 Width 12.5 Ft
						Total Slabs	533

Inspection

Export (XML)

C:\Program Files\EMS\Field Inspector\User Data\Airside041514

Browse

Cancel

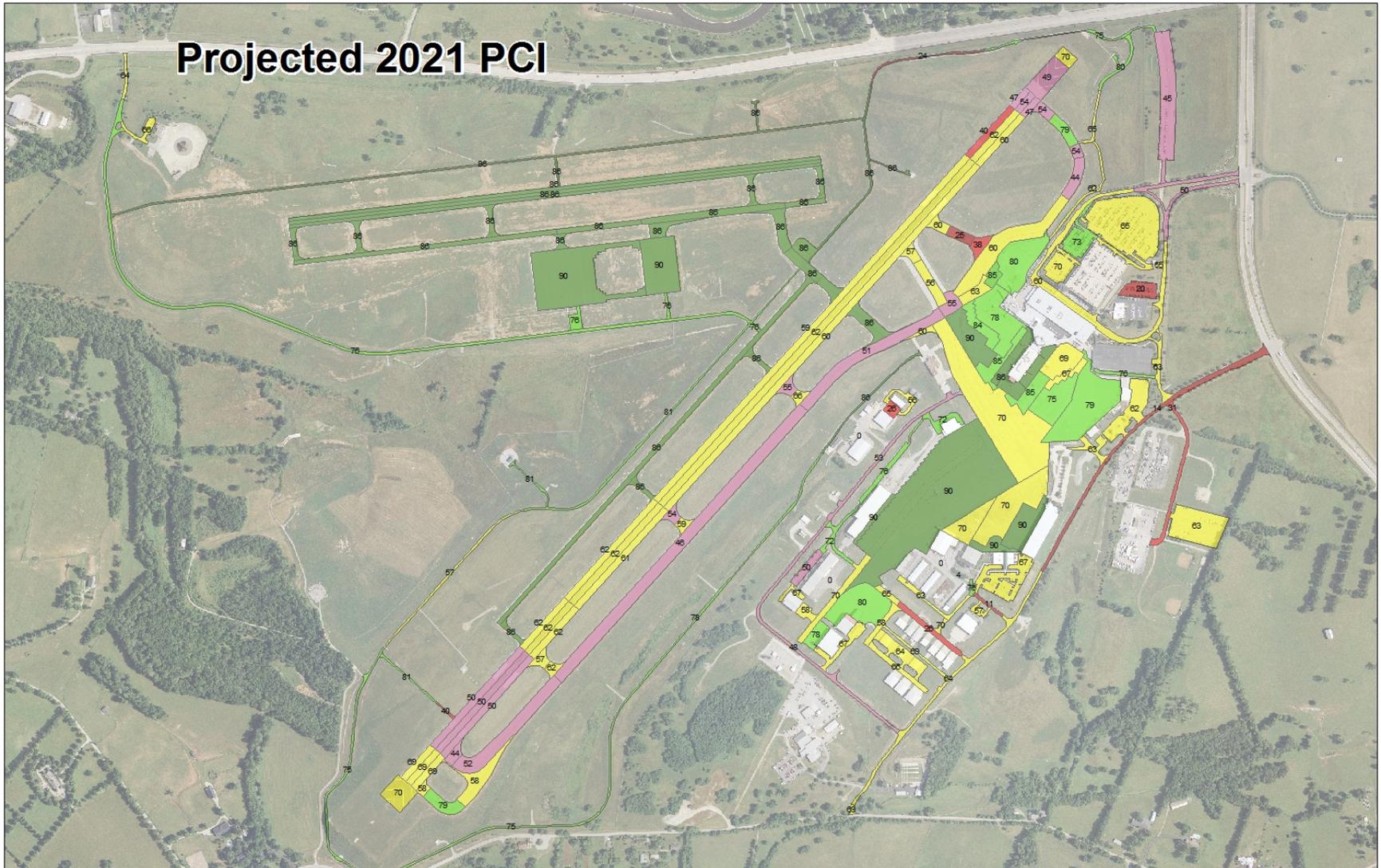
Save

*Joint Seal Damage applies to entire Sample.

MicroPaver Check In

```
Convert - Notepad
File Edit Format View Help
PAVER Pavement Database:C:\EMS PROGRAM FILES\USER DATA\BGA2013_AUG\pavement.mdb
Pavement Shapefile:C:\EMS PROGRAM FILES\USER DATA\BGA2013_AUG\Museum_Lot.shp
PCIVideo ASCII Datafile Directory:C:\EMS PROGRAM FILES\User Data\
Shapefile Boundaries
X-Min: 1540220.24666896 X-Max: 1540375.61116599
Y-Min: 194542.237628524 Y-Max: 194901.565
Shapefile Type:Polygon
** XML File: Airfield041514.xml
** Coordinate coversion deails:
* From: Latitude/Longitude WGS84
* To: UTM Zone 30
* To: UTM Zone 30
-----
PID: BGA_AIR::RW927::10C SAMPLE: 03 Inspection Date:4/15/2014
PID: BGA_AIR::RW927::10C SAMPLE: 06 Inspection Date:4/15/2014
PID: BGA_AIR::RW927::10C SAMPLE: 14 Inspection Date:4/15/2014
PID: BGA_AIR::RW927::10C SAMPLE: 24 Inspection Date:4/15/2014
PID: BGA_AIR::RW927::10C SAMPLE: 20 Inspection Date:4/15/2014
PID: BGA_AIR::RW927::10C SAMPLE: 10 Inspection Date:4/15/2014
-----
Saving Converted Inspections - Inspections: 1
-----
Saving Inspection: 1 of 1 Current PID: BGA_AIR::RW927::10C Date: 4/15/2014
PID: BGA_AIR::RW927::10C SAMPLE: 06 Inspection Date: 4/15/2014 No distress records and not marked as Inspected with no Distress.
PID: BGA_AIR::RW927::10C SAMPLE: 06 Inspection Date: 4/15/2014 Sample will not be imported in this inspection.
PID: BGA_AIR::RW927::10C SAMPLE: 14 Inspection Date: 4/15/2014 No distress records and not marked as Inspected with no Distress.
PID: BGA_AIR::RW927::10C SAMPLE: 14 Inspection Date: 4/15/2014 Sample will not be imported in this inspection.
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PID: BGA_AIR::RW927::10C SAMPLE: 24 Inspection Date: 4/15/2014 Sample will not be imported in this inspection.
PID: BGA_AIR::RW927::10C SAMPLE: 20 Inspection Date: 4/15/2014 No distress records and not marked as Inspected with no Distress.
PID: BGA_AIR::RW927::10C SAMPLE: 20 Inspection Date: 4/15/2014 Sample will not be imported in this inspection.
PID: BGA_AIR::RW927::10C SAMPLE: 10 Inspection Date: 4/15/2014 No distress records and not marked as Inspected with no Distress.
PID: BGA_AIR::RW927::10C SAMPLE: 10 Inspection Date: 4/15/2014 Sample will not be imported in this inspection.
Ln 1, Col 1
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Pavement Forecasting



Thank you!

Cliff Skees
GIS Specialist

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