Honeywell FM&T Status Report for MoDOT CRADA #KCP-01-1091

MoDOT Pooled Fund Study – March 2004

Accomplishments for March	Planned activities for April
• $37K added to project for construction of the next generation ACE system (NG-ACE). • Continued validation testing of Pooled Fund imagery to identify specific sources of error in image analysis algorithms. • Modified Profile technique to ignore spurious peaks, improve void identification • Modified a number of fusion process rules to improve reporting accuracy. • Established contract with UNM to develop and test texture-based algorithms	• Continue validation testing of Pooled Fund imagery to identify specific sources of error in image analysis algorithms. • Test use of neural network for fusion of results • Incorporate edge function to aid in estimation of void boundaries

Obstacles	Spending as of March 31, 2004	
• None	MoDOT Funds-In ($50K baseline)	$163,672
	OPO's	$73,372
	Total	$237,044

Task Completion Progress			
Task	Description	Planned Schedule	Status
1-0	Coordinate technical efforts with other organizations	9/1/02 – 7/31/04	30%
1-1	Broaden design goals	9/1/02 – 3/1/03	60%
1-2	Identify efforts by other organizations	9/1/02 – 5/31/03	80%
2-0	Perform additional validation testing	9/1/02 – 2/1/04	80%
2-1	Perform validation of MoDOT samples	9/1/02 – 10/1/03	80%
2-2	Obtains samples for validation from other sources	6/1/03 – 5/31/04	80%
3-0	Identify S/W and H/W enhancements. Implement and test.	9/1/02 – 7/31/04	60%
4-0	Publish annual and final reports, identify any performance enhancements	7/31/03, 7/31/04	0%

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Accumulated Project Cost Summary

Legend:
- MoDOT Funds
- FM&T Funds
- Total
- Budget
- Projected

Y-axis: $0, $20,000, $40,000, $60,000, $80,000, $100,000, $120,000, $140,000, $160,000, $180,000, $200,000, $220,000, $240,000, $260,000, $280,000, $300,000, $320,000, $340,000, $360,000

X-axis: 09/30/2002, 10/30/2002, 11/30/2002, 12/30/2002, 01/30/2003, 2/30/03, 03/30/2003, 04/30/2003, 05/30/2003, 06/30/2003, 07/30/2003, 08/30/2003, 09/30/2003, 10/30/2003, 11/30/2003, 12/30/2003, 01/30/2004, 02/28/2004, 03/30/2004, 04/30/2004, 05/30/2004, 06/30/2004, 07/30/2004, 08/30/2004, 09/30/2004