

TECHNICAL REPORT DOCUMENTATION PAGE

1. REPORT NO. FHWA-OK-09-04	2. GOVERNMENT ACCESSION NO.	3. RECIPIENT=S CATALOG NO.	
4. TITLE AND SUBTITLE I-35 Pavement Instrumentation Phase II		5. REPORT DATE December, 2009	
		6. PERFORMING ORGANIZATION CODE	
7. AUTHOR(S) Dr. David H. Timm		8. PERFORMING ORGANIZATION REPORT	
9. PERFORMING ORGANIZATION NAME AND ADDRESS National Center for Asphalt Technology 277 Technology Parkway Auburn, AL 36830		10. WORK UNIT NO.	
		11. CONTRACT OR GRANT NO. ODOT SPR Item Number 2200	
12. SPONSORING AGENCY NAME AND ADDRESS Oklahoma Department of Transportation Planning and Research Division 200 N.E. 21st Street, Room 3A7 Oklahoma City, OK 73105		13. TYPE OF REPORT AND PERIOD COVERED Final Report October 2008 – September 2009	
		14. SPONSORING AGENCY CODE	
15. SUPPLEMENTARY NOTES			
16. ABSTRACT This report documents work conducted by the National Center of Asphalt Technology (NCAT) in support of the University of Oklahoma's (OU) research efforts on a live pavement test site in Purcell, Oklahoma. Technical consultations were provided in developing written documentation, in addition to a site visit by NCAT personnel. The site visit provided future direction for the project and roadside installation of a variable resistor array for the purpose of fine tuning strain gauges embedded in the pavement. Finally, laboratory testing was conducted at the NCAT lab. Specifically, asphalt pavement analyzer (APA) and beam fatigue tests were conducted and data were provided to the OU researchers.			
17. KEY WORDS Pavement Instrumentation		18. DISTRIBUTION STATEMENT No restrictions. This publication is available from the Planning & Research Div., Oklahoma DOT.	
19. SECURITY CLASSIF. (OF THIS REPORT) Unclassified	20. SECURITY CLASSIF. (OF THIS PAGE) Unclassified	21. NO. OF PAGES 12	22. PRICE N/A