

FHWA/NHTSA NATIONAL CRASH ANALYSIS CENTER LIBRARY
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[HTTP://WWW.NCAC.GWU.EDU](http://www.ncac.gwu.edu)

NCAC FILM NO: _____
TODAY'S DATE (mm/dd/yyyy): _____

CRASH TEST DATA

TEST CONTRACTOR: _____ CONTRACTOR TEST NO.: _____
PRINCIPAL INVESTIGATOR: _____ Phone Number: _____
TEST DATE(mm/dd/yyyy): _____ FHWA CONTRACT NO.: _____

PLEASE CHECK THE ITEMS YOU ARE SUBMITTING:

16MM FILM	BETA CAM	S-VHS	VHS
PAPER REPORT	SLIDES	PHOTOGRAPHS	DATA DISK

FILM TITLE: _____

CONTRACT OR STUDY TITLE: _____

TEST REPORT TITLE: _____

FHWA REPORT NO.: _____

FHWA REPORT TITLE: _____

TEST DESCRIPTION: _____

TEST TYPE: _____ TEST CLASS: _____
APPURTENANCE DESCRIPTION: _____

APPURTENANCE TYPE: _____ APPURTENANCE HEIGHT (FT): _____
APPURTENANCE LENGTH (FT): _____ APPURTENANCE DEPTH (IN): _____

BOLT DIAMETER (IN): _____ LUMINAIRE ARM LENGTH (FT): _____

LUMINAIRE, SIGN OR
CALL BOX WEIGHT (LB): _____

POST SUPPORT TYPE: _____ POST SPACING (FT): _____

BLOCK OUT TYPE: _____ RAIL TYPE: _____

FOUNDATION TYPE: _____ CURB HEIGHT (IN): _____

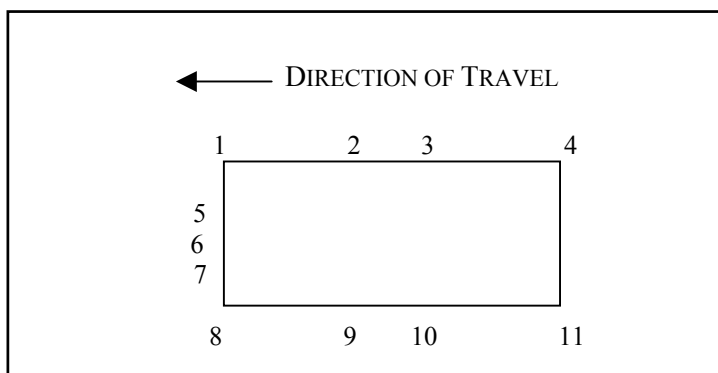
CURB WIDTH (IN): _____ DISTANCE OF BREAKPOINT (IN): _____

VEHICLE DESCRIPTION: _____

VEHICLE MAKE: _____ VEHICLE MODEL: _____
 VEHICLE YEAR: _____ VEHICLE WEIGHT (LB): _____
 TRACTOR WEIGHT (LB): _____ TRAILER WEIGHT (LB): _____
 NUMBER OF AXLES: _____ DRIVER TYPE: _____
 BUMPER HEIGHT (IN): _____
 NO. OF DUMMIES: _____
 DUMMY 1 LOCATION: _____ DUMMY 2 LOCATION: _____
 DUMMY 3 LOCATION: _____
 DUMMY 1 RESTRAINT: _____ DUMMY 2 RESTRAINT: _____
 DUMMY 3 RESTRAINT: _____
 DUMMY 1 TYPE: _____ DUMMY 2 TYPE: _____
 DUMMY 3 TYPE: _____
 IMPACT DESCRIPTION: _____

 IMPACT ANGLE (DEG): _____ HEADING ANGLE (DEG): _____
 IMPACT SPEED (MPH): _____
 LOCATION OF IMPACT OF THE APPURTENANCE (SEE FIGURE 1): _____
 LOCATION OF IMPACT ON THE VEHICLE (SEE FIGURE 1): _____

FIGURE 1



TEST BEHAVIOR:
 MAXIMUM PERMANENT APPURTENANCE DEFLECTION OR CRUSH (IN): _____
 MAXIMUM DYNAMIC APPURTENANCE DEFLECTION OR CRUSH (IN): _____
 STUB HEIGHT OF THE SUPPORT AFTER TEST (IN): _____
 TAD VEHICLE DAMAGE INDEX: _____ VDI VEHICLE DAMAGE INDEX: _____
 EXIT SPEED (MPH): _____ EXIT ANGLE (DEG): _____
 DELTA V (FT/S): _____ CHANGE IN MOMENTUM (LB/SEC): _____
 AVERAGE LONGITUDINAL ACCELERATION (GS): _____
 AVERAGE LATERAL ACCELERATION (GS): _____
 LONGITUDINAL OCCUPANT RISK OR IMPACT VELOCITY (FT/S): _____
 LATERAL OCCUPANT RISK OR IMPACT VELOCITY (FT/S): _____
 INTERACTION FRICTION: _____

IMPACT DESCRIPTION, INCLUDE WEATHER CONDITIONS, DESCRIPTIONS OF TERRAIN, ETC., AS WELL AS ANY UNUSUAL OCCURRENCES SUCH AS "VEHICLE MISSED IMPACT POINT": _____

VEHICLE BEHAVIOR DURING AND AFTER IMPACT. INCLUDE SUCH ITEMS AS "FRONT TIRE CAME OFF", "HOOD RELEASED", & WENT THROUGH THE WINDSHIELD": _____

DUMMY BEHAVIOR DURING IMPACT. INCLUDE SUCH ITEMS AS "PASSENGER DUMMY'S HEAD WENT THROUGH DRIVER'S WINDOW", DRIVER'S LEG WAS AMPUTATED": _____

APPURTENANCE BEHAVIOR AND DAMAGE. INCLUDE SUCH ITEMS AS "W-BEAM TORE IN HALF", POST BOLTS PULLED OUT OF DECK", LUMINAIRE STUB TORE BOTTOM OF VEHICLE": _____

TEST ANOMALIES OR REASONS FOR FAILURE. INCLUDE SUCH ITEMS AS "GUIDE CABLE BROKE CAUSING CAR TO MISS BARRIER", "VEHICLE IMPACTED TREE AFTER TEST", "LACK OF REINFORCING CAUSED BEAM TO DEFLECT CREATING SNAGGING": _____
