

PEDESTRIAN COLLISION INVESTIGATION

GYdhYa VYf `& fX- 2+h\, 2013
DYbf Jh\ fGnXbYnL, BGK `5i ghf U` JU



TOPICS INCLUDE:

PEDESTRIAN INJURIES
ROADWAY EVIDENCE
VEHICLE EVIDENCE
PEDESTRIAN/VEHICLE COLLISION DYNAMICS
TRAJECTORY TYPES
PEDESTRIAN CONSPICUITY
BICYCLE CRASH INVESTIGATION
BUS OFFTRACKING CALCULATIONS
PEDESTRIAN CRASH TESTING
DETAILED CRASH TEST REVIEW

SPEED CALCULATIONS FROM PEDESTRIAN THROW DISTANCE.

THIS CRASH COURSE DISCUSSES THE MOST COMMONLY USED PEDESTRIAN EQUATIONS IN DETAIL. THOSE ATTENDING THE COURSE WILL LEARN THE STRENGTHS AND WEAKNESSES OF THE VARIOUS EQUATIONS (OVER 30) AND LIMITATIONS THAT HAVE BEEN IMPOSED BY THE EQUATION'S AUTHOR. THEY WILL ALSO LEARN WHAT ASSUMPTIONS (PRESET VALUES) THE VARIOUS AUTHORS HAVE MADE WITHIN THEIR EQUATIONS, AND HOW THOSE ASSUMPTIONS MAY EFFECT THE RESULTS OF THE EQUATIONS AND ITS APPLICABLY TO THEIR INVESTIGATION.

PEDESTRIAN EQUATIONS FOR EXCEL

THOSE ATTENDING THE COURSE WILL RECEIVE A COPY OF THE "PEDESTRIAN EQUATIONS FOR EXCEL" PROGRAM WITH DETAILED INSTRUCTIONS IN ITS USE AND HOW THE PROGRAM OPERATES. THIS PROGRAM ALLOWS THE INVESTIGATOR TO CALCULATE ALL OF THE PEDESTRIAN EQUATIONS THAT APPLY TO THEIR COLLISION, AND COVERED IN THE COURSE, SIMULTANEOUSLY WHILE DISPLAY ALL OF THE RELATED MATH IN A LINE-BY-LINE OR STEP-BY-STEP FASHION.