

**Ethics-Smethics:
Let the Good Times
ROLL!!**

**Jack Grubbs
Tulane Engineering Forum
May 9, 2008**

*Laissez Les
Bon Temps
Rouler*





THE TULANE “T-BOAT”



Former Students

- **Who do you work for?**
- **Did your education prepare you?**
- **What's great about your job?**
- **What's not so great about your job?**
- **Do you have a mentor?**
- **Do you have any ethical concerns about your company?**





Engineering Ethics

“Engineering is generally considered to be among the most ethical of all professions.”

Engineering Ethics

“Engineering is generally considered to be among the most ethical of all professions.”

Generally is like saying “When he’s sober”







Engineering & Terror



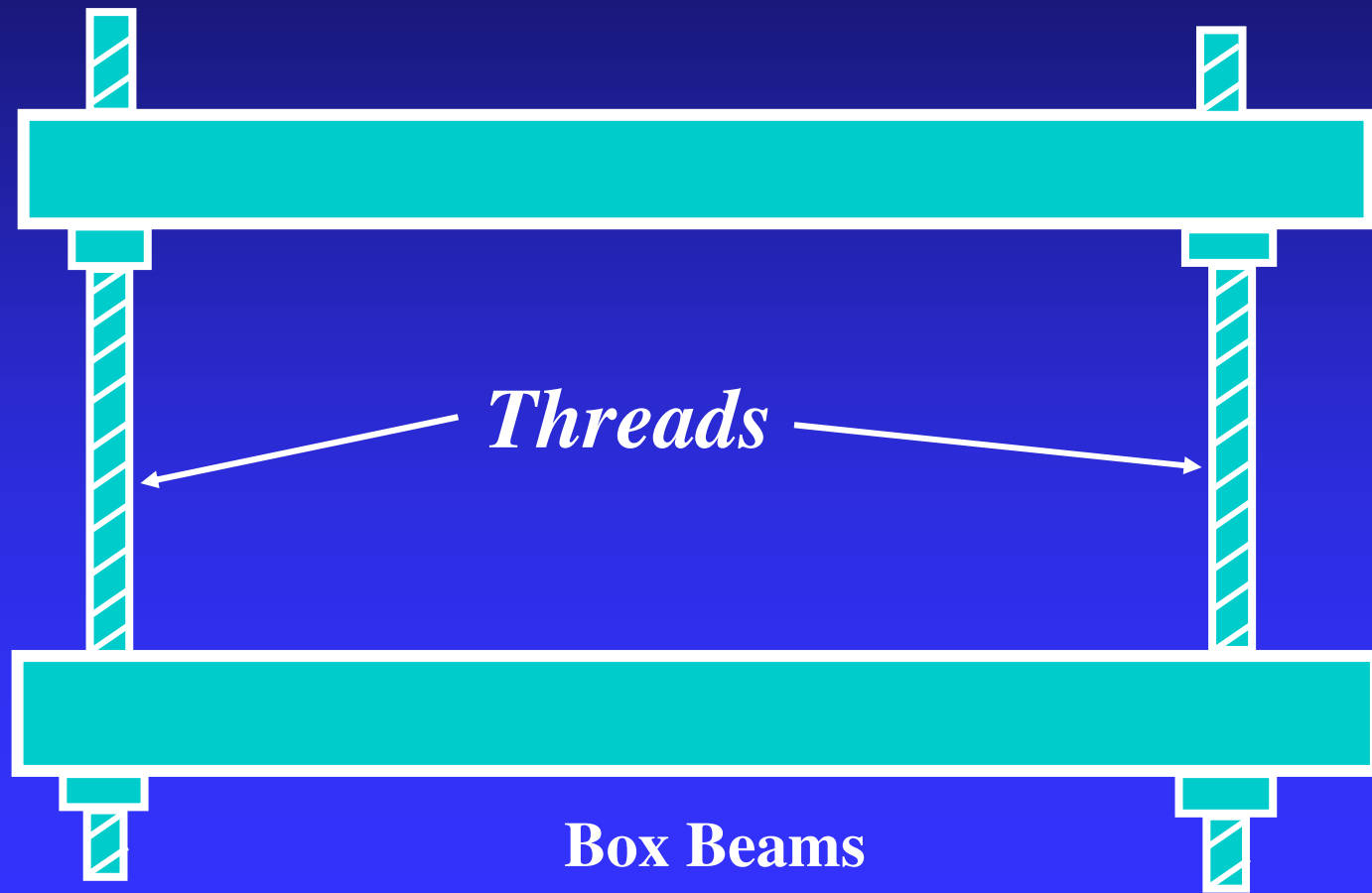


QUESTION -

- **WOULD THE SAME DESIGN TODAY BE AN ETHICAL DESIGN??**

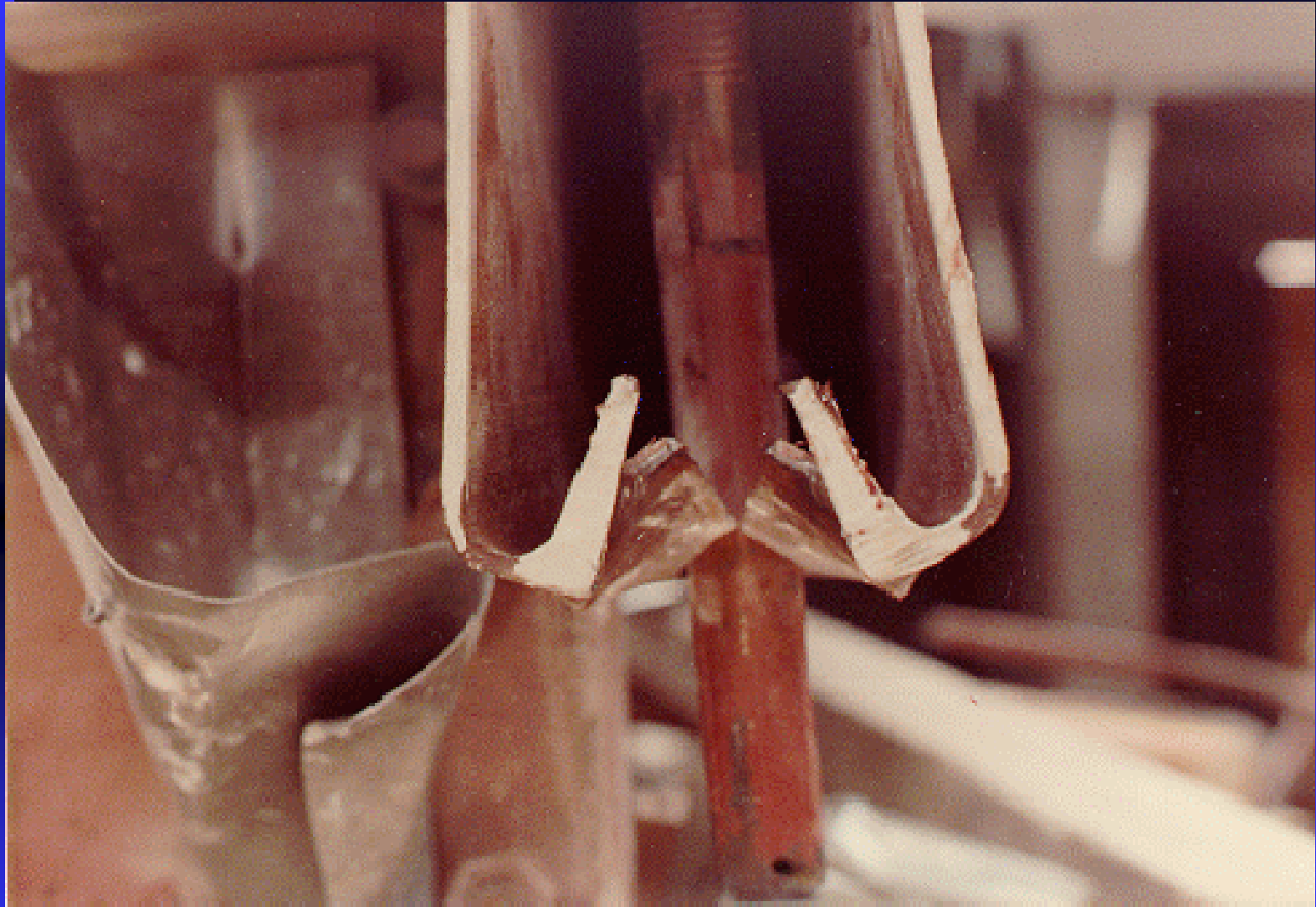


Original Design



Revised Design





Damaged Box Beam & Rod

HYATT REGENCY

- **Design & Construction**
- **Collapse**
- **Legal Concerns**
- **Ethical Concerns**



KATRINA

NSPE FUNDAMENTAL CANONS: RULES OF PRACTICE

- **Maintain safety, health & public welfare**
- **Perform services only in area of competence**
- **Public statements must be objective and truthful**
- **Be a faithful agent or trustee in representing employer or client**
- **Avoid deception in solicitation of professional employment**

NSPE CODE OF ETHICS: PROFESSIONAL OBLIGATIONS

- **Highest standards of integrity in professional relations**
- **Strive to serve public interest at all times**
- **Avoid conduct or practice which discredits profession or deceives public**
- **Do not disclose confidential business or technical information without client/employer consent**
- **Duties not influenced by conflicting interests**

NSPE CODE OF ETHICS: PROFESSIONAL OBLIGATIONS (Cont)

- **Uphold principle of appropriate & adequate compensation**
- **Will not untruthfully criticize other engineers in seeking employment or advancement**
- **Will not maliciously or falsely injure professional reputation of other engineers.**
- **Accept responsibility for professional services**
- **Give professional credit to whom credit is due**
- **Assist professional growth of others**

HUMAN VALUES

- **Diligence**
- **Efficiency**
- **Equality**
- **Equity**
- **Freedom**
- **Honesty**
- **Honor**

- **Integrity**
- **Knowledge**
- **Loyalty**
- **Pleasure**
- **Safety**
- **Security**
- **Trust**

ETHICAL VALUES

- **Integrity**
- **Honesty**
- **Fidelity**
- **Charity**
- **Responsibility**
- **Self-Discipline**

ENGINEERING ETHICS

- **THE BOTTOM LINE:**

- ◆ **WHAT VALUE DO YOU PLACE ON OTHER HUMAN BEINGS?**

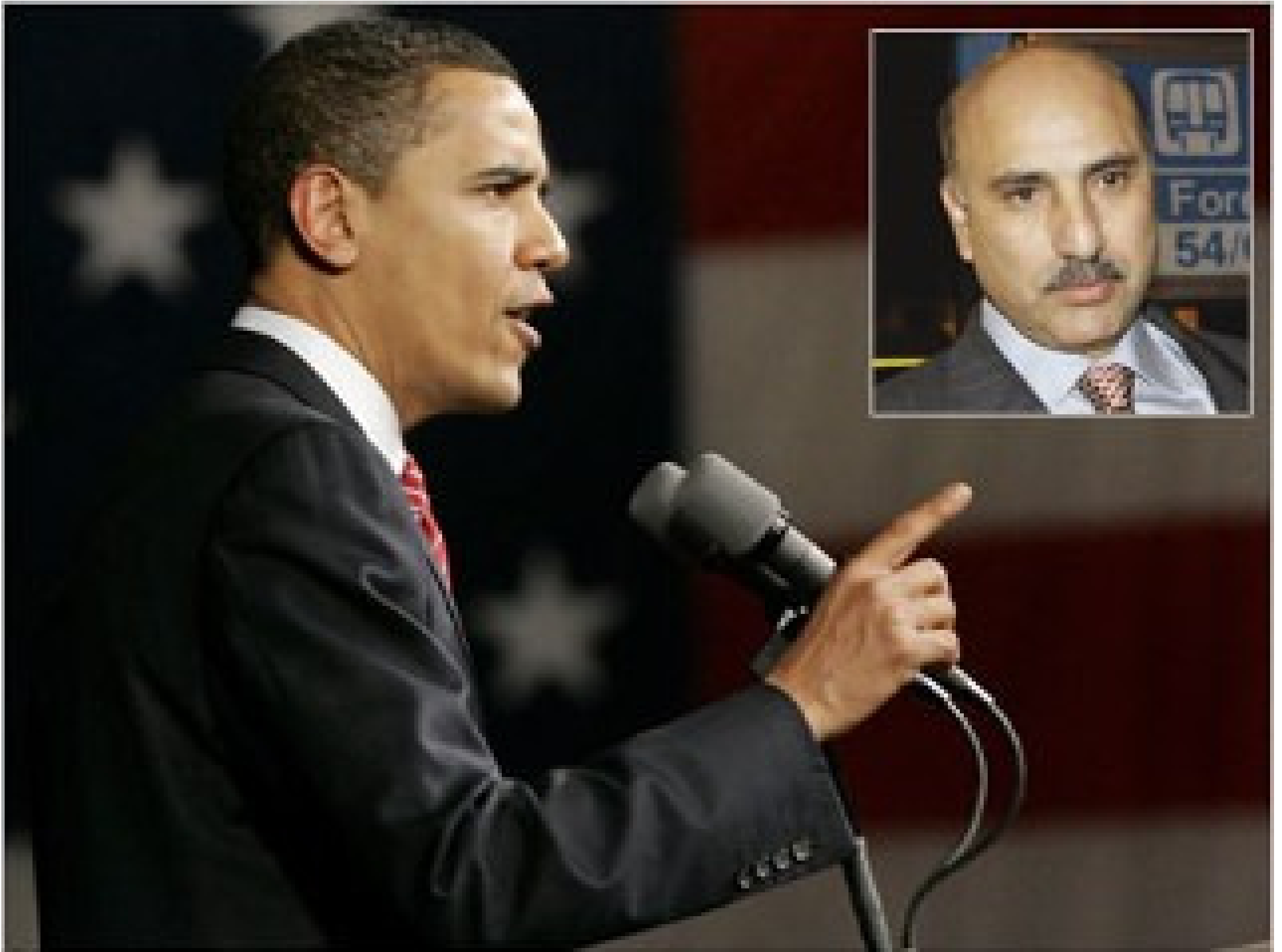






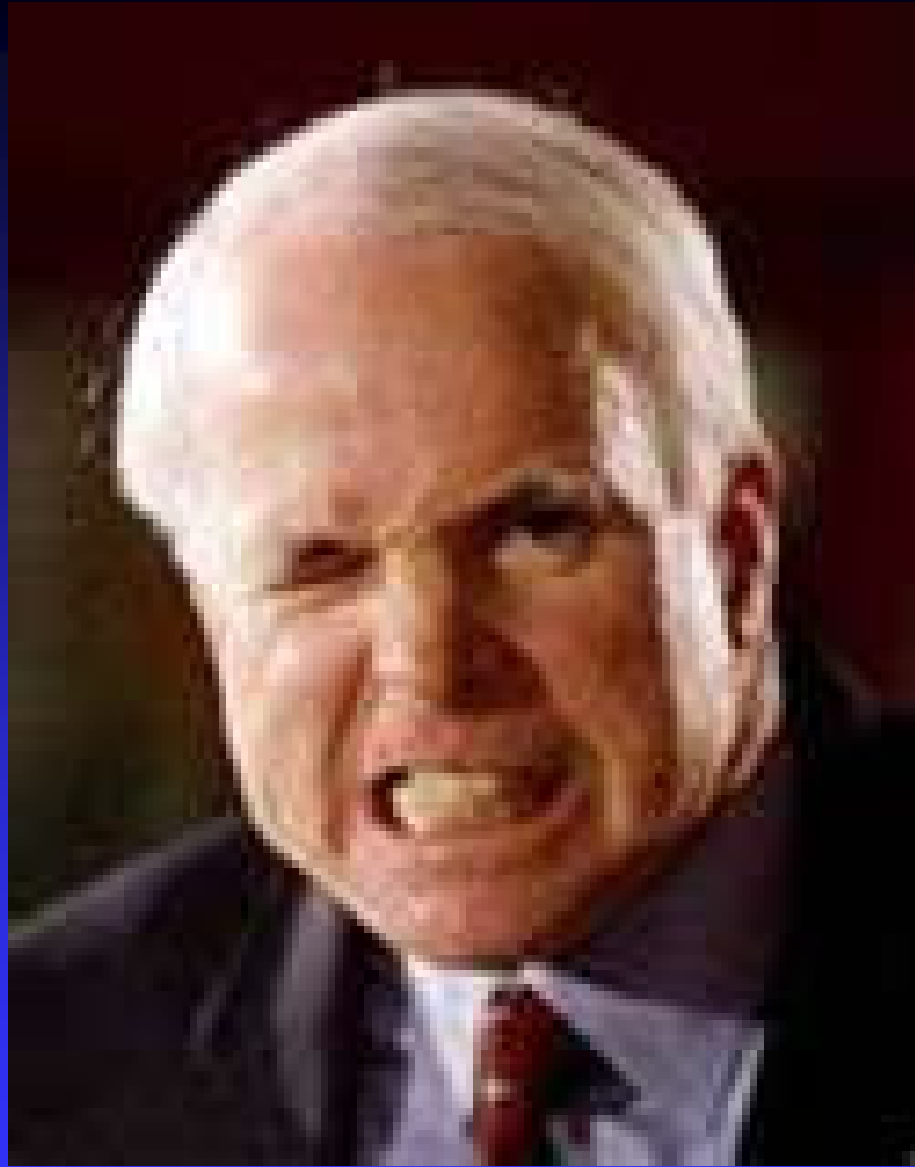


















WILLIAM JEFFERSON



Mose Jefferson







DISTINGUISHED SCHOLAR - BUT



**WOULD YOU BUY A
USED CAR FROM HIM?**



CAN YOU SAY . . .

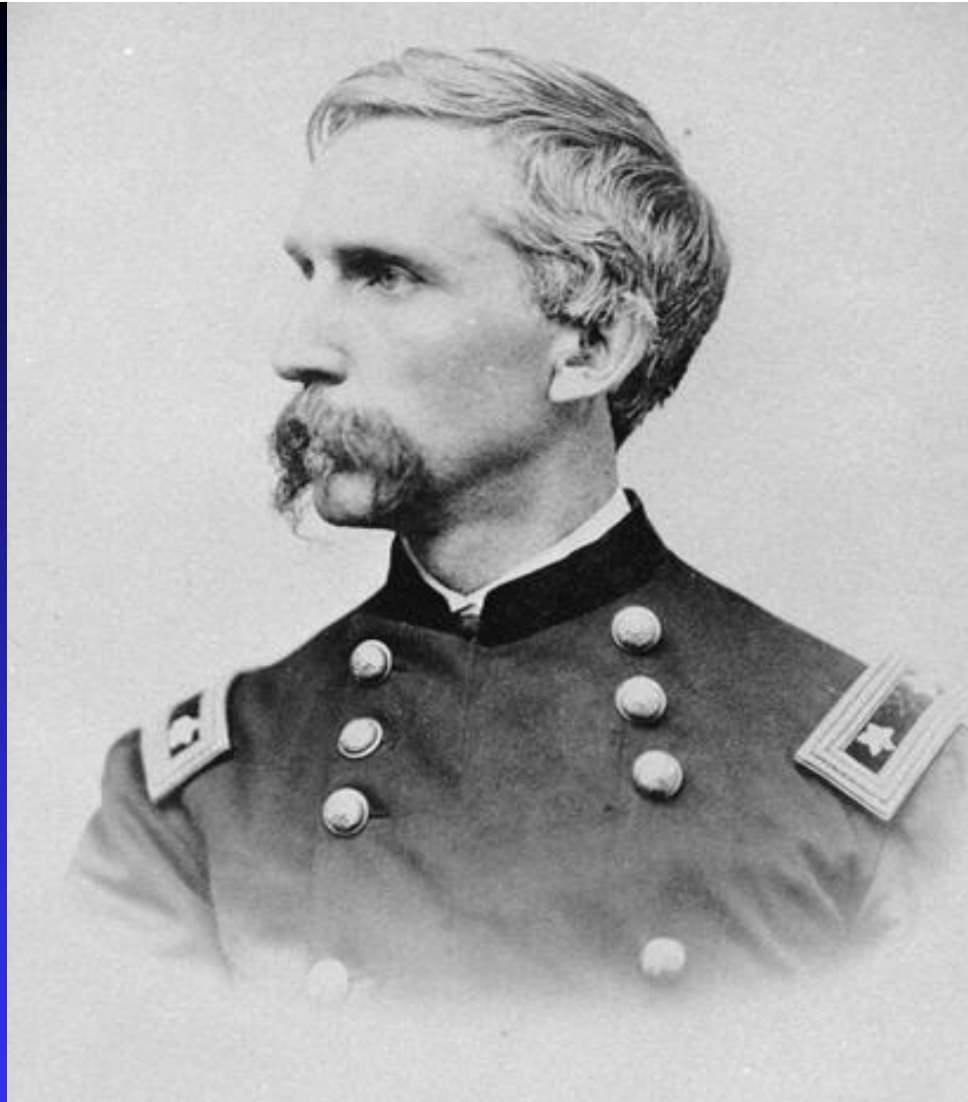


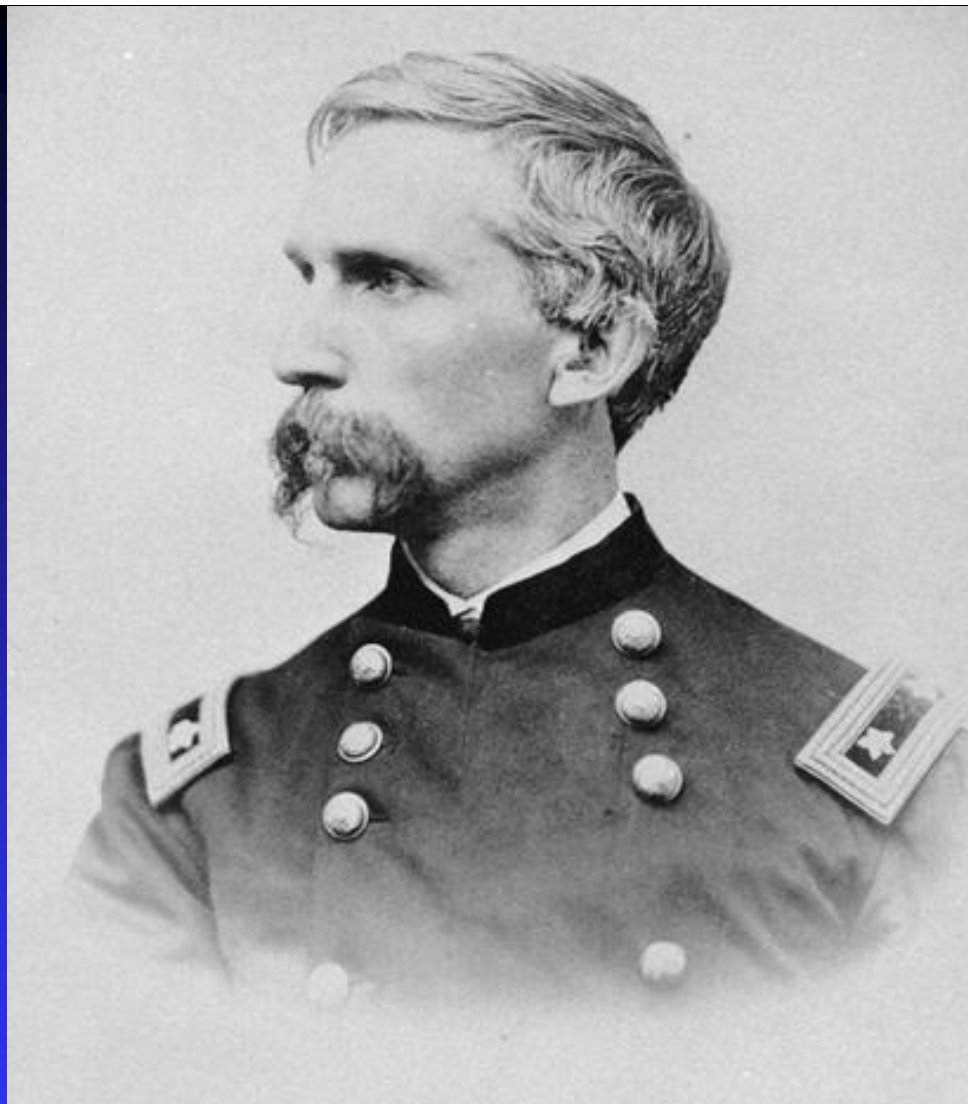
24 Years of Hard Time

Rule of the Mob!!

WHO ARE YOU?

- **DIRTBAG?**
- **SIGNIFICANT?**
- **YOUR QUALITY OF LIFE.**





Joshua Chamberlain

THE CHALLENGE

- BACK TO THE MATH PROBLEM
- THE HI-Q LIFE



ONE VISIT AWAY



LET THE GOOD TIMES FLOOD!



“In this world everything changes except good deeds and bad deeds; these follow you as the shadow follows the body.”

- Author unknown