

PATH – A TURNING POINT FOR ADVANCED SYSTEMS

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Background

- PATH was created in same time period as reawakening of interest in advanced transportation systems
- California led events in the mid 1980's were key to establishing momentum for what would become IVHS/ITS

EARLY BEGINNINGS

- 1960's – 70's BPR/FHWA Program
- Electronic Route Guidance
- Automated Highway Systems
- Urban Traffic Control System
- Highway Advisory Radio
- Passing Aid Systems

1980's

- New administration seriously reduces support for advanced systems and soft side R&D (human factors, modeling, etc.)

CHANGING HIGHWAY PERSPECTIVES

- Interstate completion approaching
- Post interstate program questions
- Growing traffic volumes and congestion

CALTRANS STUDY

- In-house study shows no realistic budget can support adequate construction to even maintain current congestion levels

CALTRANS/UNIV CAL ITS CONFERENCE

- Role of future technology in meeting highway operation needs
- Caltrans managers & invitees
- FHWA Executive Director Morgan

SIGNIFICANT SUPPORT FOR PATH

- Established as 56 Million 6 year program
- RPEV
- AVCS
- Traffic management
- Driver information & navigation

FOLLOW ON NATIONAL ACTIVITIES

- ITS/PATH were major participants in Mobility 2000 & efforts to describe & establish a national IVHS program

TODAY

- Twenty years of successful R&D
- 1997 NAHSC technical feasibility demonstration
- Continuous involvement of national programs
 - Intelligent Vehicle Initiatives (Transit Collision Warning, Intelligent Decision Support)
 - Next Generation Simulation
 - Corporative Intersection Collision Avoidance Systems
 - Bus Rapid Transit
 - Etc.
- International recognition

HAPPY BIRTHDAY PATH!

**20 Years Of Successful R&D In
Critical Transportation Needs**