

# US95

## Widening Project

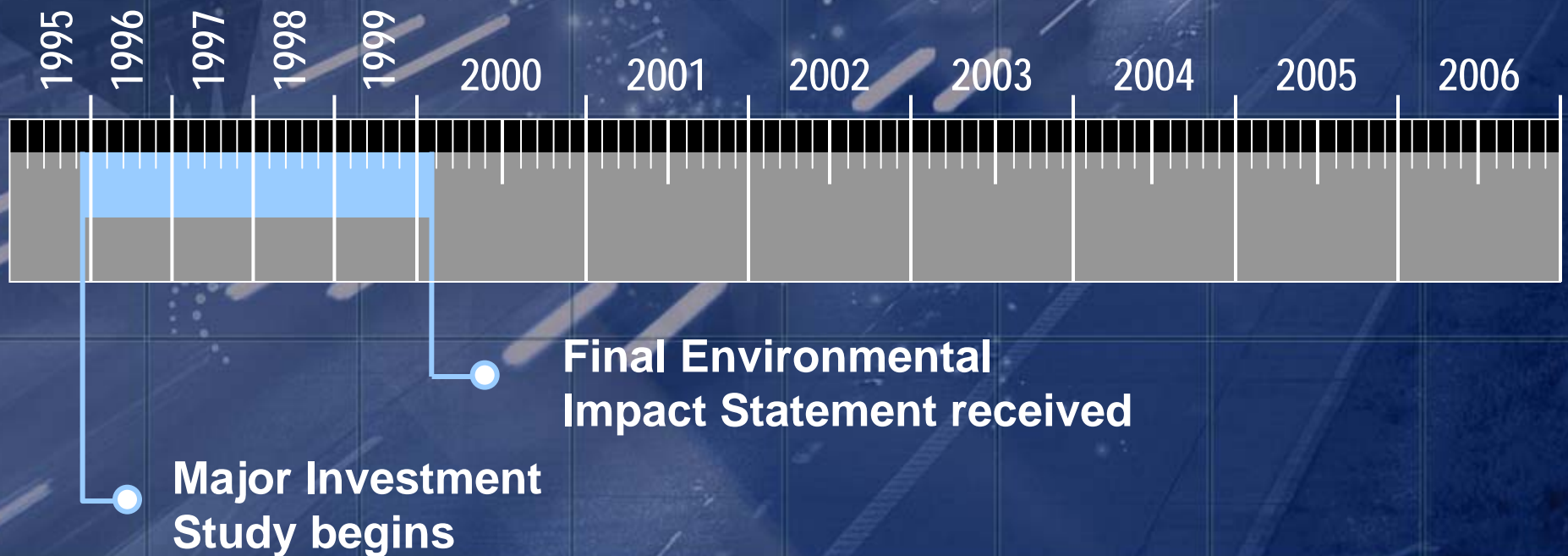


# Need

- US95 Built 1975-1980
- Current traffic volume on US 95:  
50,000 vehicles per hour
- Projected traffic volume in 2020:  
80,000 vehicles per hour

# EIS - Timeline

- MIS and EIS from 1995 – 2000
- Record of Decision: January 2000





# Purpose

- Meet short, intermediate and long-term transportation needs
- Provide improved transportation in response to growth
- Decrease future congestion
- Enhance mobility

# Project Description

- Widen US 95 to 10 lanes from Rainbow Blvd to I-15
- Widen US 95 to 6 lanes from Craig Rd to Rainbow Blvd
- Widen Summerlin Pkwy to 6 lanes from Rampart Blvd to Rainbow Blvd
- Construct High Occupancy Vehicle lanes on US 95 and Summerlin Pkwy



# Project Description

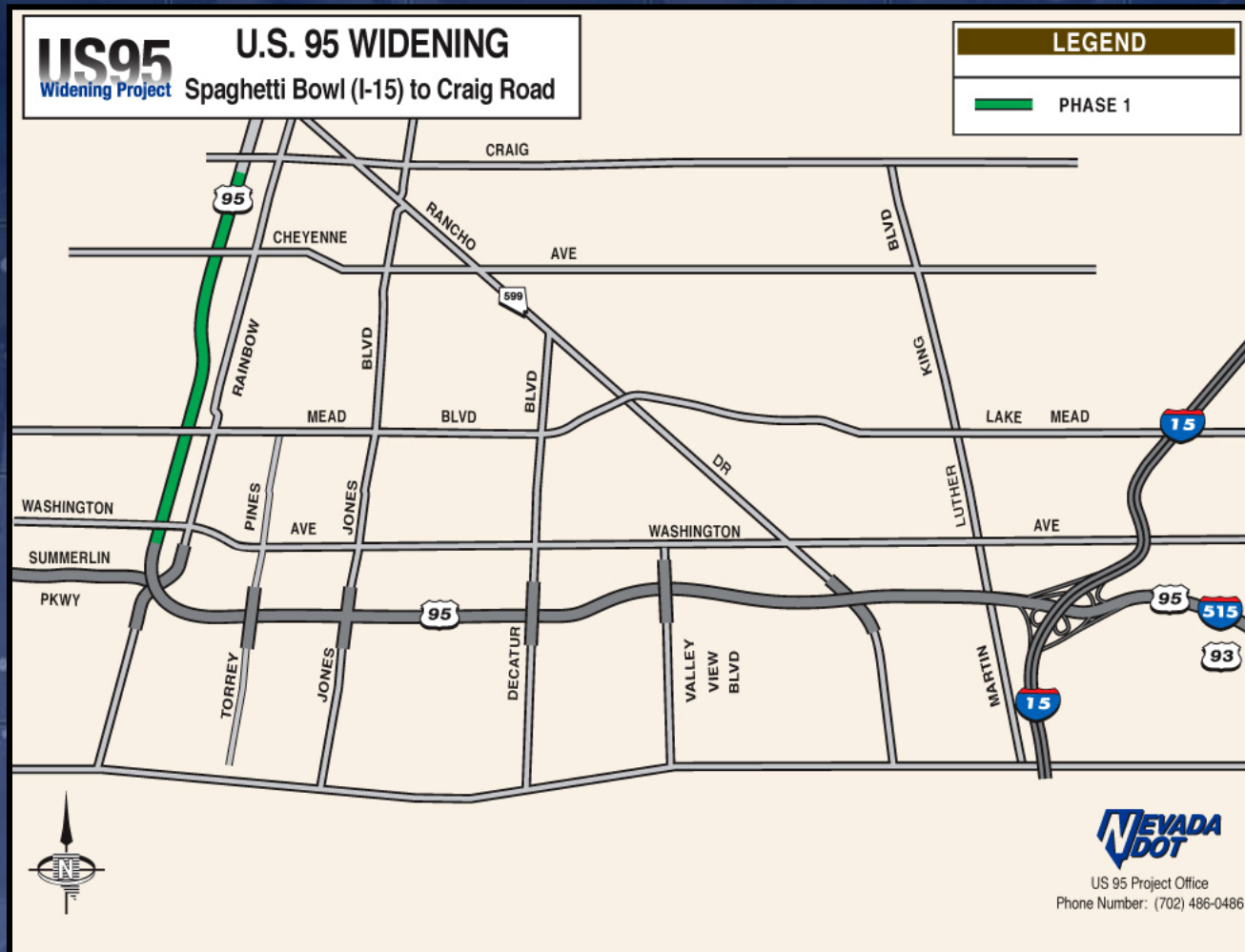
- Install a Freeway Management System on US 95
- Various arterial street improvements
- Transit system improvements
- Transportation Demand Management measures



# U.S. 95 Project Phasing



# Phase 1 Map



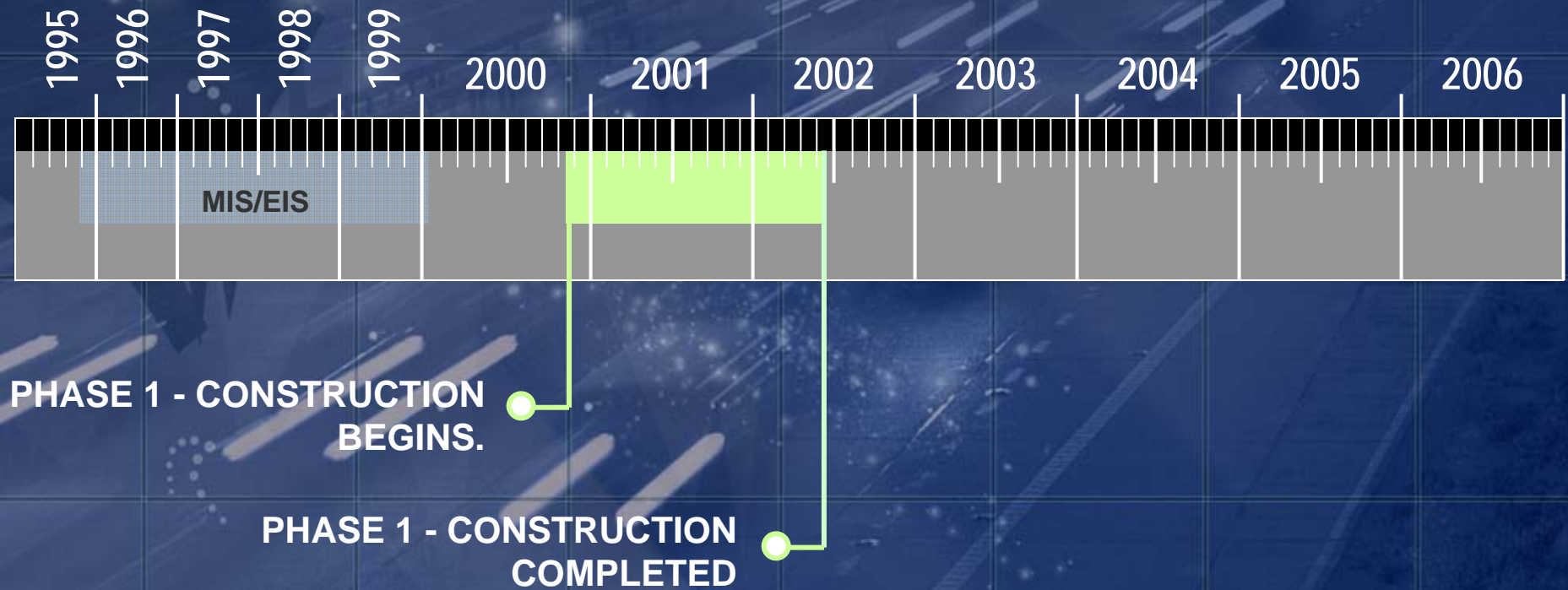


# Phase 1 Description

- No ROW required
- US 95 was widened from four to six lanes -- Craig Rd to Washington Ave
- Additional lane in each direction -- future High Occupancy Vehicle lane



# Phase 1 - Timeline





# Phase 2A & 2B - Bridges Map



Torrey Pines

Decatur

Valley View



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# Phase 2A & 2B - Bridges

- Replace & lengthen bridges to allow for widened U.S. 95
  - » Torrey Pines Blvd,
    - Started April 2001
    - Completed April 2003
    - \$3.6 million
  - » Valley View Blvd & Decatur Blvd
    - Started July 2002
    - Completed Fall 2003
    - \$20.4 million



Valley View Blvd Bridge



Decatur Blvd Bridge

# Phase 2C/D - Map





# Phase 2C/D

- Reconstruct U.S. 95 Interchange at Summerlin Pkwy and Rainbow Blvd.
  - » Started: November 2003
  - » Completion: Summer 2005
  - » \$42 million





## Phase 2C/D

- New Single Point Urban Interchange on Rainbow Blvd
- New direct ramp from eastbound Summerlin Pkwy to northbound US 95
- Improved bridges, ramps, and merges
- Additional lane in each direction on Rainbow Blvd.



# ROW & Nevada Power Map



Commercial

Residential

Nevada Power



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# ROW Acquisitions

- 215 single family homes
- 6 condominiums
- Six commercial properties
  - » Two apartment complexes with 224 units
- Five four-plex residences
- Two eight-plex residences





# Acquisition Issues

- O.K. Adcock Elementary School
- Torrey Pines Park
- Commercial Properties & Businesses





# Adcock School Reconstruction – Torrey Pines Park



2000



2004



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# Utilities, Drainage and Sound Walls






- Three individual contracts for various pieces
- Drainage and sound walls constructed before commercial ROW completed
- Allows tighter schedules for widening





# Phases 3A, 3B & 4A - Map



-  Phase 3A – Drainage
-  Phase 3B – Drainage
-  Phase 3B – Sound walls
-  Phase 4A – Drainage
-  Phase 4A – Sound walls



# Phase 3A - Rancho Dr. Storm Drain Project

- Constructed a reinforced concrete box storm drain down Rancho Dr.
  - » Started October 2003
  - » Finished May 2004
  - » \$5.8 million





# Phase 3B

- Project limits: east of Rancho Dr to east of Valley View Blvd.
- Started March 2004
- Completed January 2005
- \$16.2 million





# Phase 4A

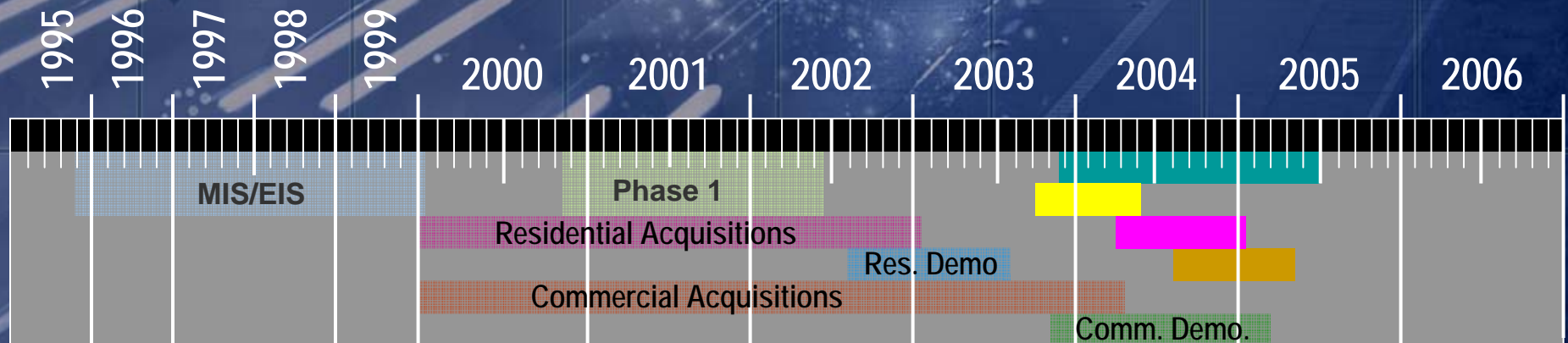
- **Project limits: east of Valley View Blvd. to west of Jones Blvd.**
- **Started August 2004**
- **Completion May 2005**
- **\$20 million**





# Current / Completed Projects - Timeline

- **2 C/D Rainbow** – November 03 – Jun 05
- **3A Rancho** – October 03 – May 04
- **3B** – March 04 – Jan 05
- **4A** – August 04 – April 05



## Phase 3C

- Reconstruct Rancho Dr interchange and ramps to/from I-15 and Martin Luther King Blvd
  - » Start: May 2005 (Delayed from September 2004)
  - » Completion: Summer 2007 (Delayed from December 2006)
  - » \$61 million



# Aerial of Phase 3C



# Phase 4B/5

- **Widen U.S. 95 to 10 lanes from east of Valley View Blvd to Rainbow Blvd**
  - » Project on hold (Construction start originally scheduled December 2004)
  - » \$85 million
  - » Includes construction of new U.S. 95 bridge over Jones Blvd
  - » One additional general purpose lane in each direction
  - » One HOV lane in each direction
  - » Sound walls
  - » Auxiliary lanes



# Aerials of Phases 4B/5



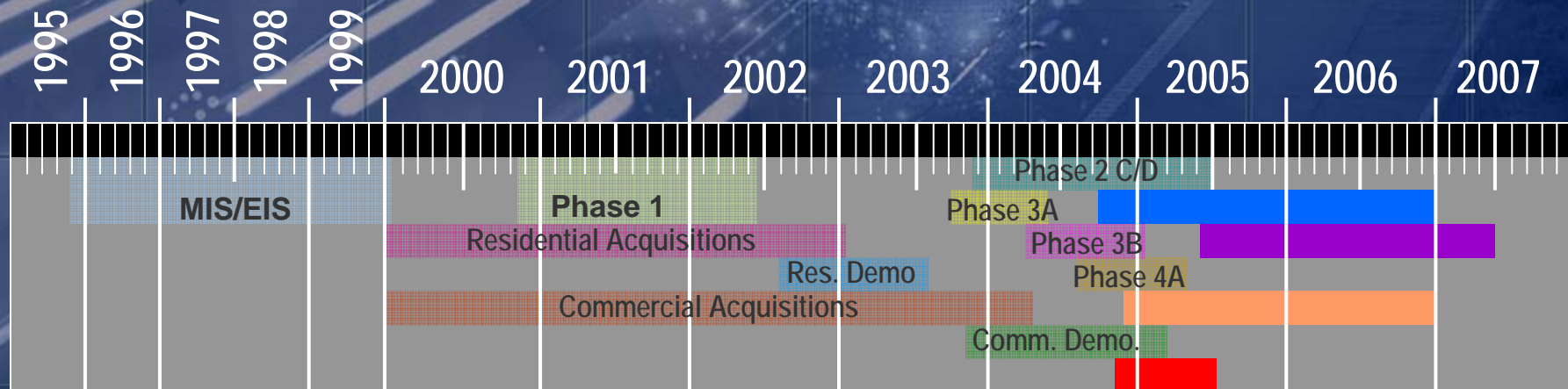
## Phase 4B



## Phase 5

# Phases 3C & 4B/5 - Timeline

- **Phase 3C**
  - » **Original schedule** (Fall 2004 start and Winter 2006 completion)
  - » **Current schedule** (Spring 2005 start and Summer 2007 completion)
- **Phase 4B/5 time**
  - » **Original schedule** (Winter 2004/05 start and Winter 2006/07 completion)
  - » **Current schedule unknown**
- **Utilities**





# Lawsuit

- Sierra Club filed lawsuit in 2002 against FHWA over project
- Sierra Club lost at district court level
- Appeal to U.S. 9th District Court of Appeals
- Stay issued July 28, 2004
- Stay prohibits additional lane construction on U.S. 95

# Sierra Club claims

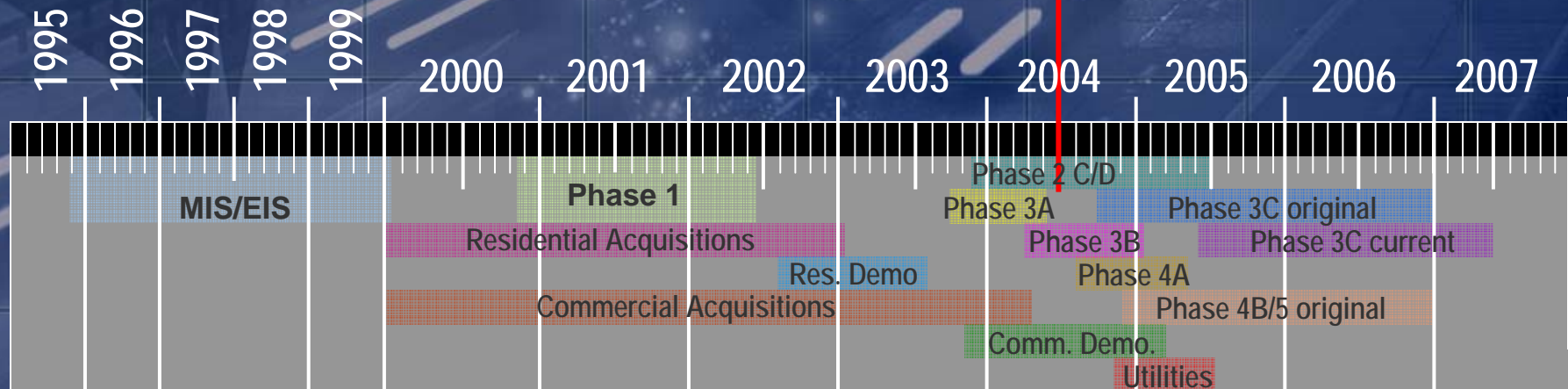
- FHWA failed to evaluate adverse health impacts from widening of highway
- FHWA violated NEPA by refusing to prepare supplemental EIS and study new information on toxic air pollutants
- FHWA excluded transit alternative from EIS
- Open House meeting format violates requirements for public hearings



# Lawsuit impacts – Timeline

COMPLETION DATE UNKNOWN

STAY ISSUED JULY 28, 2004



# 9<sup>th</sup> Circuit Court Stay

- Appellant's urgent motion to "stay the (Appellee's) approval of the widening project" is granted.
- No widening of US 95
- Drainage, soundwalls, utilities, and demolition OK



# Stay Impacts

- Staged construction phasing impacted
- Residential sound walls – delayed
- Vacant land
- Traffic congestion
- Rising construction costs






# Lawsuit status

- Hearing in January 2005
- Decision pending – expedited schedule



# Drainage & Utilities Supplemental Agreement



-  Phase 3A (3167) – Drainage
-  Phase 3B (3193) – Drainage
-  Phase 4A (3209) – Drainage – Original Contract
-  Phase 4A (3209) – Drainage – Supplemental Agreement
-  Phase 2 C/D (3161) – Drainage – Original Contract
-  Phase 2 C/D (3161) – Drainage – Supplemental Agreement



# Revised Phase 3C



- No added mainline lanes
- Rebuild Rancho Interchange
- Braid Rancho/I-15 Ramps



# Summary of Projects

- Ten individual contracts
- \$230 million in construction & design awarded
- \$160 million in Right-of-Way and utility relocation

# Remaining work

- Project 4B/5
- FAST integration
- Landscaping contract
- \$120 million



# Lessons learned

- Phasing plan, be flexible
- Multiple design and construction contracts can work
  - » Requires extra effort and coordination
- Utilities
  - » Consider relocations early
  - » Coordinate
  - » Allow for replacement easements
- ROW schedule
  - » Phasing allows work to proceed w/o all ROW
  - » Consider demolition, incl. asbestos removal
- Rising construction costs