First Series of Public Meetings

US 190/I-10 Feasibility Study

El Paso to Louisiana State Line

WilburSmith ASSOCIATES

Texas Department of Transportation

Public Meeting Locations

City	Date
Fort Stockton	Monday, February 28
Eldorado	Tuesday, March 1
San Saba	Wednesday, March 2
Killeen	Thursday, March 3
Jasper	Monday, March 7
Livingston	Tuesday, March 8
Huntsville	Wednesday, March 9
Bryan	Thursday, March 10

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El Paso to Louisiana State Line

Public Involvement

- Two Series of Public Meetings
- Three Newsletters
- Website: Visit *www.txdot.gov* and enter "US 190" in search field
- Email: *TPP_US_190_Study@txdot.gov*
- Hotline: 1.866.721.7868
- Mailing Address:

  US 190/I-10 Feasibility Study
  412 North Street
  Nacogdoches, Texas 75961

US 190/I-10 Feasibility Study
El Paso to Louisiana State Line

Study Participants

- Texas Department of Transportation
- Major Stakeholders
  - Cities
  - Counties
  - MPOs/COGs
  - Ports and Forts
  - Railroad Companies
- Public
- Consultant Team

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El Paso to Louisiana State Line

Study Corridor

- US 190/I-10 from El Paso to Louisiana state line
- Approximately 900 miles in length
- Traverses 25 counties

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El Paso to Louisiana State Line

Regional Context

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El Paso to Louisiana State Line

Study Objectives

- Determine mobility and safety needs
- Evaluate impacts and feasibility of alternative transportation improvements
- Improve connections to military installations/deployment ports
- Identify alternative funding sources
- Develop prioritized implementation plan
- Obtain public/stakeholder input

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TxDOT Goals

- Prepare for the future
- Enhance safety
- Maintain transportation system
- Relieve congestion
- Enhance connectivity
- Work with partners to identify funding strategies

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Texas Department of Transportation

Study Schedule

July 2008 Study Starts

Late 2009

Late 2010

Early 2011

Where We Are Now

Late 2011

January 2012 Study Complete

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Corridor Cities

POPULATION

- Over 20,000
- 5,000 - 20,000

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Airports

Commercial Service Airports

General Aviation Airports

Other Public-Use Airports

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Major Forts and Deployment Ports

Major Rail Lines

Study Sections

I-10

New Mexico
to
US 190

West US 190

I-10
to
US 281

Central US 190

US 281
to
SH 75

East US 190

SH 75
to
Louisiana

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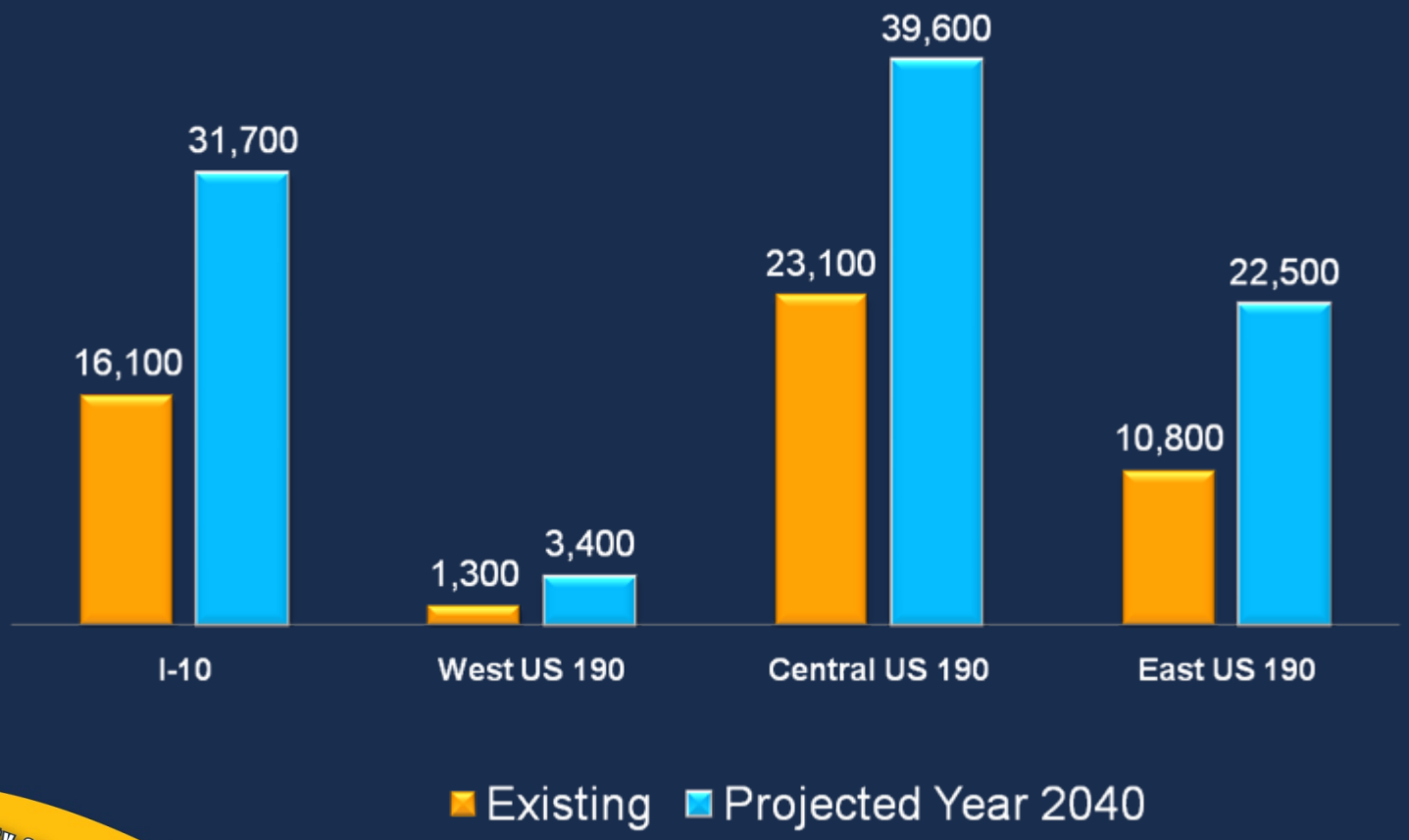
Average Daily Traffic Volumes



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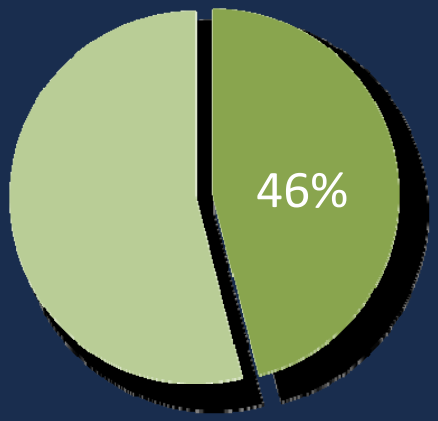
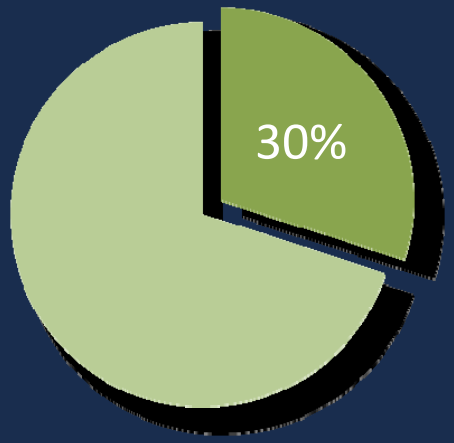
Existing Percent Trucks

I-10



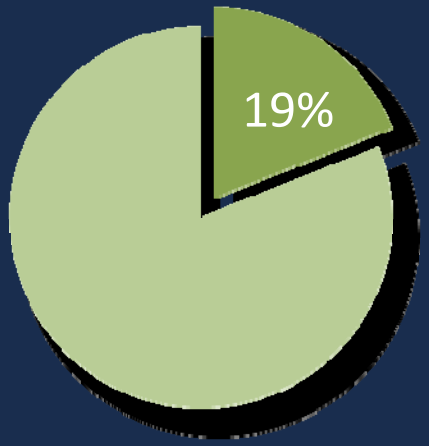
New Mexico
to
US 190

West US 190



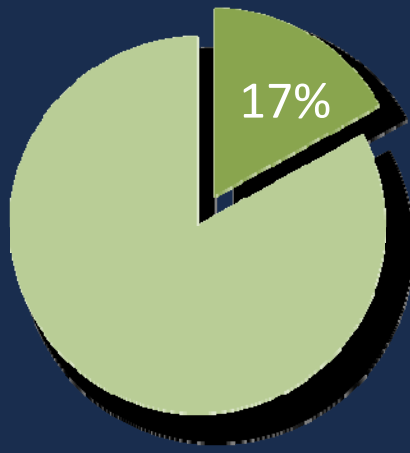
I-10
to
US 281

Central US 190



US 281
to
SH 75

East US 190



SH 75
to
Louisiana

Percent Trucks

Existing Congestion Areas

Generalized Areas of Congestion

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Future Congestion Areas

Generalized Areas of Congestion

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High Crash Locations

CRASH RATE

Above Statewide Average

Greater than Twice Statewide Average

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Geometric Deficiencies

Generalized Areas of Geometric Deficiencies

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Planned Improvements

Planned Roadway Widenings/ Extensions

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Evaluation Process

Freeway Feasible?

YES →

- Conduct Detailed Evaluation
- Refine Alternatives
- Prioritize/Stage Improvements
- Identify Potential Funding Sources

NO ↓

Four-Lane Highway Feasible?

YES →

NO →

Interim/Localized Improvements

- Grade Separations
- Truck Passing Lanes
- Relief Routes
- Other Operational/ Geometric Improvements

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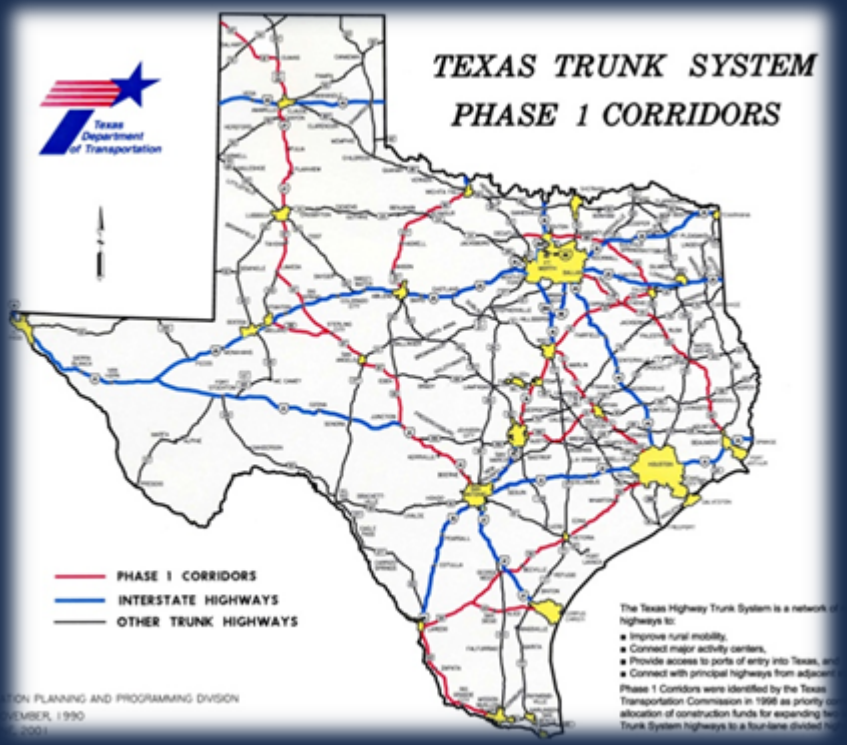
Texas Highway Trunk System

- 11,500 miles of rural divided highways
- Connect and/or serve:
  - Texas cities (20,000+ population)
  - Major highways
  - Forts and Ports
  - Tourism/Recreational areas
- Comprise major truck routes



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Study Corridor Trunk System

Designated Trunk System

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Freeway vs Highway

Characteristics	Freeway (Four-Lane)	Highway (Four-Lane)
Access	Full Access Control	Partial Access Control
Speed	55 – 70 mph	45 – 60 mph
Right-of-Way	300 - 400 feet	250 feet
Grade Separations/ Interchanges*	65 - 75	20 - 30
Roadway Capacity (LOS C)	50,000 – 55,000 vpd	40,000 – 45,000 vpd
Cost per Mile	$9 - $11 m	$5 - $7 m

* Indicates number of grade separations/interchanges along US 190

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Typical Diamond Interchange

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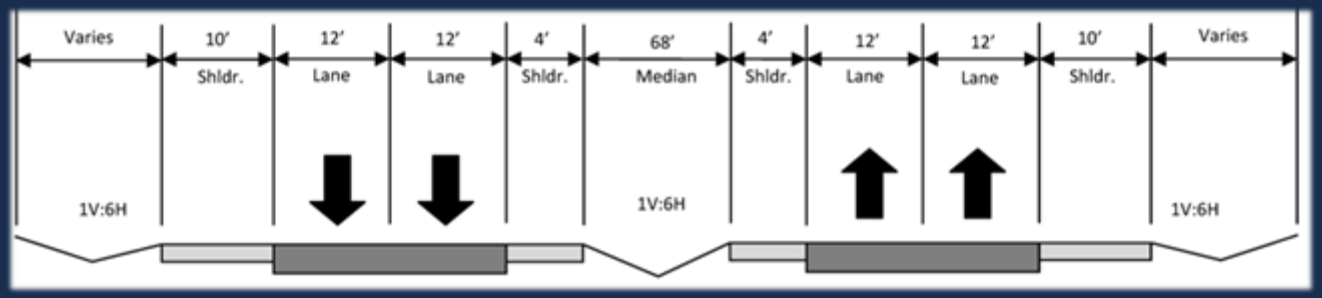
Four-Lane Typical Cross Section

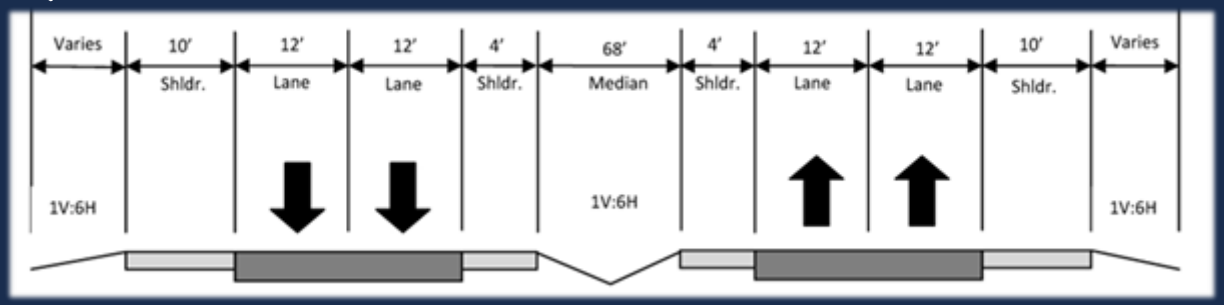
FREEWAY
70 mph Design Speed

300 ’
Typical Right-of-Way Width



FOUR LANE DIVIDED HIGHWAY
60 mph Design Speed

250 ’
Typical Right-of-Way Width



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Potential Right-of-Way Needs

Less than 250 Feet

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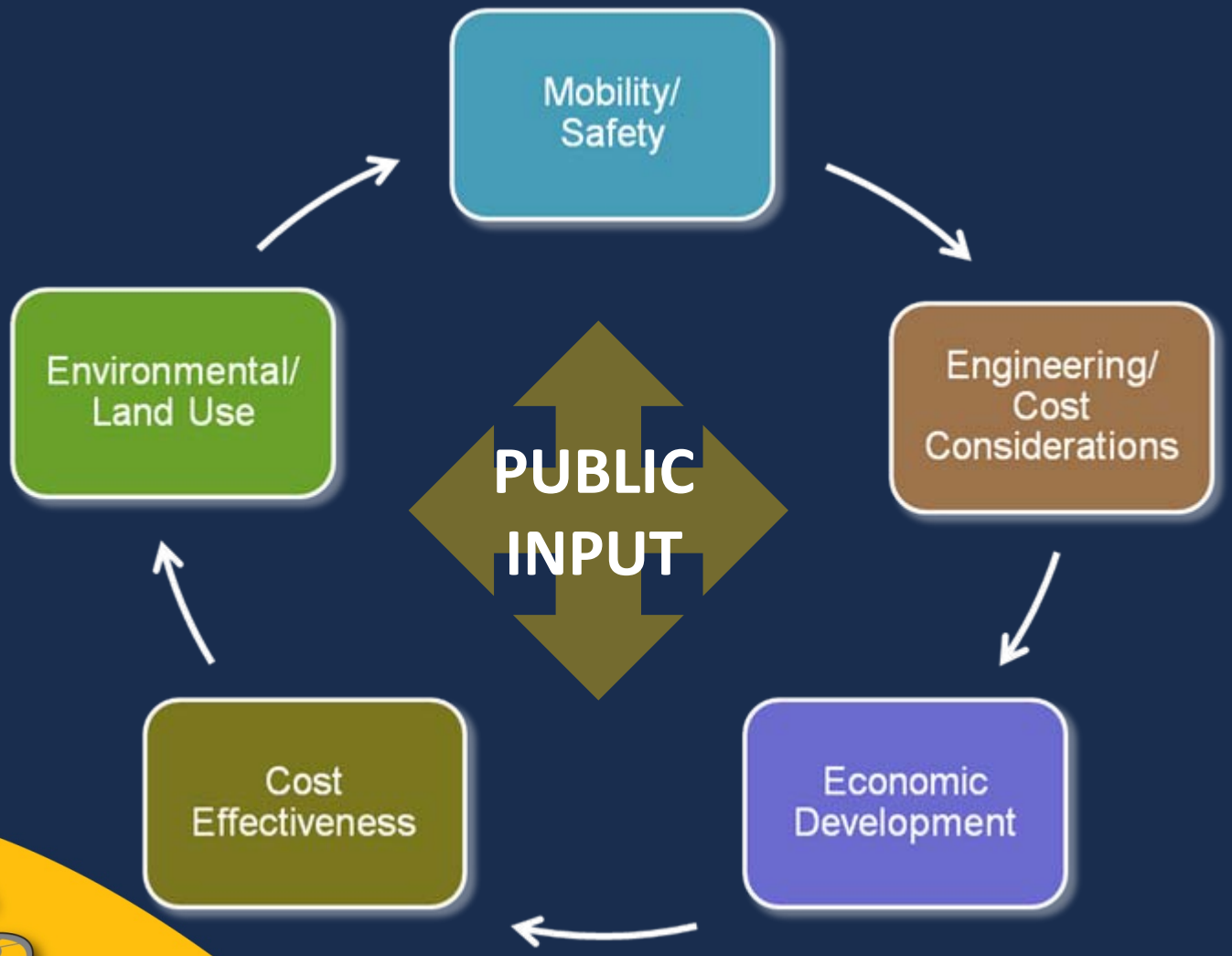
Major Study Elements



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Total Freeway Alternative

From New Mexico to Louisiana

Freeway

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Total Freeway Alternative

Optional Alignments

Freeway

Optional Alignments

A – US 277 (Sonora to Eldorado)

B – US 83 (Junction to Menard)

C – SH 30 (Bryan to Huntsville)

D – SH 63 (East of Jasper)

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Fort-to-Fort Alternative

Freeway from New Mexico to I-35

Freeway

Four-Lane Highway

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Fort-to-Port Alternative

Option A
Freeway from New Mexico to I-45

Freeway

Four-Lane Highway

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Fort-to-Port Alternative

Option B
Freeway from New Mexico to US 69

Freeway

Four-Lane Highway

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Evacuation Alternative

Freeway from Fort Hood to Louisiana

Freeway

Four-Lane Highway

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Mobility/Safety Alternative

Freeway from Fort Hood to US 59 (Future I-69)

Freeway

Four-Lane Highway

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Four-Lane Highway Alternative

From I-10 to Louisiana

Freeway

Four-Lane Highway

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Interim/Localized Improvements

- Grade Separations
- Truck Passing Lanes
- Relief Routes
- Standard Travel Lane and Shoulder Widths
- Intelligent Transportation System (ITS)
- Other Operational and Geometric Improvements

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Next Steps

- Review and Consider Public Input
- Evaluate Alternatives
- Present and Solicit Public Input on Evaluation Results
- Develop Recommendations
- Study Report

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Thank You!

Open House Format

Until 8:00 PM

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