


Acknowledgements

The Border Trade Alliance's (BTA) *Southwest Border Infrastructure Initiative: Top Priority List of Projects* reflects the work of more than four hundred infrastructure experts. This grassroots effort between industry and government representatives serves to identify infrastructure projects essential to continued increase trade between the United States and Mexico. The report lists the top priority infrastructure projects based on trade, employment and project initiation criteria.

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The BTA alone is responsible for the content of this report.



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BTA Southwest Border Infrastructure Initiative Summary Chart (000,000s of U.S. Dollars)

Infrastructure Need	Brownsville	Harlingen	McAllen	Laredo	Del Rio	El Paso	Dona Ana County	Yuma	Nogales	Calexico	San Diego	Total
Airports	2.0	5.0	0	12.0	0.8	0	0	0	2.5	0.9	0	23.2
Education\Technology Transfer	1.5	0	0	7.0	0	16.8*	23.6*	1.0	5.5	0	0	55.4
Environment	5.0	0	0	0.6	7.0	16.1	9.1	1.0	0.3	0	15.3	54.4
Health	11.0	2.5	0	1.4	0	8.9	20.7	0	0.5	0.2	1.0	46.2
Housing	0	2.7	0	0	0	0	0	0	7.5	0	0	10.2
Ports of Entry	1.5	1.0	43.0	2.0	0	18.5	0	1.0	0	0	24.0	91.0
Water and Sewer	0	12.0	12.0	40.0	0	20.0	8.4	4.0	5.0	14.5	4.0	119.9
Infrastructure Total	21.0	23.2	55.0	63.0	7.8	80.3	61.8	7.0	21.3	15.6	44.3	400.3
Surface Transportation	0	0	6.0	30.0	5.0	6.8	10.5	0	5.0	0	180.0	243.3
Total	21.0	23.2	61.0	93.0	12.8	87.1	72.3	7.0	26.3	15.6	224.3	643.6

* Figures include \$2.9 million designated for joint projects with the State of Chihuahua, Mexico

BTA Southwest Border Infrastructure Initiative Employment Benefits

Community	Total Community Civilian Labor Force (1992)	Community Unemployment Rate (1992)	BTA Infrastructure Initiative (Total Projected Employment)	BTA Initiative As % of Total Community Unemployment	Community Unemployment Rate After BTA Initiative (%)
Brownsville	45,722	12.4	321	6.0	11.7
Harlingen	24,761	11.3	986	35.0	7.3
Mc Allen	166,500	19.1	884	3.0	18.1
Laredo	56,500	9.7	5,748	88.0	1.2
Del Rio	13,338	13.9	447	24.0	10.5
El Paso	254,600	11.5	2,179	7.0	10.5
Dona Ana County	59,240	8.4	825	17.0	7.4
Yuma	64,975	20.8	106	1.0	20.6
Nogales	9,264	14.4	1,078	36.0	9.4
Calexico *	47,000	20.2	362	4.0	19.2
San Diego	1,175,500	6.9	1,173	1.0	6.8
Total	1,917,400		14,109		

* Calexico is included with Imperial County

Brownsville

Ports of Entry

Planned improvements for the Gateway Bridge include completion of the import lot truck entry and construction of safer pedestrian walkways.

Agency support:	U.S. Customs
Federal funds:	\$1.5 million
Initiation time:	6 months
Jobs created:	42

Airports

The Brownsville-South Padre International Airport will require several improvements to meet the demands of shippers including:

- Paving aprons for heavier aircraft

Agency support:	Federal Aviation Administration
Federal funds:	\$1.0 million
Initiation time:	4 months
Jobs created:	25

- Additional lighting, extending the taxiway and drainage improvements

Agency support:	Federal Aviation Administration
Federal funds:	\$1.0 million
Initiation time:	3 months
Jobs created:	25

Environment

International HAZMAT emergency response drills to ensure community safety and emergency preparedness.

Agency support:	Environmental Protection Agency
Federal funds:	\$0.5 million
Initiation time:	9 months
Jobs created:	12

Landfill use and management to ensure acceptable plans for future growth.

Agency support:	Environmental Protection Agency
Federal funds:	\$1.0 million
Initiation time:	8 months
Jobs created:	18

There are no HAZMAT facilities at Brownsville's existing bridges. Funding for staffing and training will allow chemical trucks to be examined safely.

Agency support:	Environmental Protection Agency
Federal funds:	\$1.0 million

Initiation time:	5 months
Jobs created:	22

HAZMAT Care Council to administer funds for technical training and education for employees for handling hazardous materials.

Agency support:	Department of Health and Human Services
Federal funds:	\$2.5 million
Initiation time:	5 months
Jobs created:	12

Health Care

An additional city health care facility to keep pace with population growth and accommodate the needs of low - income families.

Agency support:	Department of Health and Human Services
Federal funds:	\$1.0 million
Initiation time:	8 months
Jobs created:	35

Additional support for binational maternal and child health care programs require additional support to accommodate a 40 percent school-age population.

Agency support:	Department of Health and Human Services
Federal funds:	\$10.0 million
Initiation time:	5 months
Jobs created:	85

Education\Technology Transfer

A technical and additional high school as mandated by population and industrial growth.

Agency support:	Department of Education
Federal funds:	\$1.5 million
Initiation time:	12 months
Jobs created:	45

Harlingen

Ports of Entry

The Port of Harlingen requires several improvements including rebuilding a warehouse and replacing bumpers and dolphins.

Federal funds:	\$1.0 million
Initiation time:	12 months
Jobs created:	32

Airports

Valley International Airport is the headquarters for Federal Express and numerous regional carriers. In April 1991 airport business came to a halt for two days due to flooding. Drainage improvements are required to keep the airport open and operating at peak efficiency.

Agency support:	Federal Aviation Administration
Federal funds:	\$5.0 million
Initiation time:	12 months
Jobs created:	200

Water and Sewer

Developers of the Los Indios Bridge site are currently using septic tanks, which pose a threat to groundwater. A treatment plant must be constructed to protect the environment and to promote future development in the area.

Federal funds:	\$1.5 million
Initiation time:	12 months
Jobs created:	80

Wastewater Treatment Plant #2 treats the majority of wastewater in the area through a reverse osmosis process. Increased industry, such as the Fruit of the Loom plant, in the area necessitate increased capacity for this plant.

Federal funds:	\$9.0 million
Initiation time:	12 months
Jobs created:	453

Several colonias located west of Harlingen are not connected to city sewer lines. Residents of these settlements are using outdoor septic systems which threaten the groundwater supply and pose a considerable health risk. These areas must be connected to the city sewer system to improve quality of life.

Federal funds:	\$1.5 million
Initiation time:	12 months
Jobs created:	76

Health Care

Harlingen has an agreement with Mexico to allow air evacuation of U.S. residents working in maquiladora plants. Purchasing a helicopter will provide quick, efficient emergency medical services to both sides of the border by bypassing port-of-entry traffic congestion.

Federal funds:	\$2.5 million
Initiation time:	12 months
Jobs created:	7

Housing

There is a shortage of low to moderate income housing in Harlingen. Occupancy rates for this type of housing exceed 95 percent and population growth will exacerbate this shortage. The requested funding will be used to subsidize closing costs, land acquisition and preparation.

Federal funds:	\$2.7 million
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Initiation time:	12 months
Jobs created:	138

McAllen

Ports of Entry

The Anzalduas Bridge will be a four-lane port of entry with 7 primary inspection lanes, 14 secondary inspection bays and an import lot, Customs facilities and INS facilities.

Federal funds:	\$43.0 million
Initiation time:	12 months
Jobs created:	523

Water and Sewer

Starr County, Roma and La Grulla require water treatment and delivery system construction.

Federal funds:	\$12.0 million
Initiation time:	12 months
Jobs created:	250

Surface Transportation

U.S. 281 must be upgraded to four lanes and extended to the proposed Pharr International Bridge.

Federal funds:	\$2.3 million
Initiation time:	12 months
Jobs created:	47

FM 2061 must be upgraded to a four-lane divided highway.

Federal funds:	\$3.7 million
Initiation time:	12 months
Jobs created:	64

Laredo

Ports of Entry

The Laredo North International Bridge will be a eight lane crossing joining Texas and the State of Tamulipas, Mexico at Laredo and Nuevo Laredo.

Agency support:	General Services Administration
Federal funds:	\$14.5 million
Initiation time:	12 months
Jobs created:	3,125

Airports

Laredo's air transportation industry will undergo tremendous growth with the advent of a NAFTA. Increased

international trade mandates improvements of airport facilities including construction of a passenger terminal, cargo aprons, cargo warehousing facilities and reconstruction of runways and taxiways.

Agency support:	Department of Transportation Federal Aviation Administration
Federal funding:	\$12.0 million
Initiation time:	12 months
Jobs created:	246

Water and Sewer

Capital improvement projects for water and treatment distribution and wastewater collection and treatment projects must be undertaken to meet the needs of residential and commercial growth.

Agency support:	Environmental Protection Agency
Federal funding:	\$40.0 million
Initiation time:	12 months
Jobs created:	600

Health Care

Health care professionals will be urgently needed to meet the demands of increased populations. The task of recruiting physicians, dentists, nurses and other health care professionals will require the efforts of public health officials, private physicians, hospitals and health care educators.

Agency support:	Department of Health and Human Services
Federal funding:	\$0.4 million
Initiation time:	12 months
Jobs created:	13

Increases in warehousing activity will require public health officials to closely monitor developments near the river and its tributaries to protect the public.

Agency support:	Environmental Protection Agency
Federal funding:	\$0.6 million
Initiation time:	12 months
Jobs created:	8

Additional health education and preventive medicine programs need to be developed and implemented to serve an increased population.

Agency support:	Department of Health and Human Services
Federal funding:	\$0.4 million
Initiation time:	12 months
Jobs created:	14

Environment

Purchase of protective equipment, a hazardous materials truck, chemical clean-up equipment, and computer and communications equipment.

Agency support:	Environmental Protection Agency
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Federal funding:	\$0.6 million
Initiation time:	12 months
Jobs created:	6

Education\Technology Transfer

Expanding the Public Library will require existing collections and constructing branches in the north and west areas of the city.

Agency support:	Department of Education
Federal funding:	\$1.0 million
Initiation time:	12 months
Jobs created:	36

The new Laredo State University library will be a highly computerized facility and will house the Institute for Information Innovations and a production studio.

Agency support:	Department of Education Department of Commerce
Federal funding:	\$5.0 million
Initiation time:	12 months
Jobs created:	650

The Laredo Junior College Import\Export program incorporates an industry-oriented computer lab, telecommunications capabilities and a consortium center for bilingual educational support to the U.S.-Mexico import-export industry.

Agency support:	Department of Education Customs Department of Commerce Food and Drug Administration Department of Agriculture Department of Transportation
Federal funding:	\$1.0 million
Initiation time:	12 months
Jobs created:	250

Surface Transportation

Inner loop construction. This project involves constructing a two-lane road with shoulders from IH 35 to U.S. 59.

Agency support:	Department of Transportation
Federal funding:	\$8.0 million
Initiation time:	12 months
Jobs created:	540

Outer loop construction. This project involves constructing a 23.5 mile road from IH 35 east to Highway 83.

Agency support:	Department of Transportation
Federal funding:	\$22.0 million
Initiation time:	12 months
Jobs created:	260

Del Rio

Airports

The main runway of the Del Rio International Airport requires an overlay to strengthen and protect its surface. Airport lighting also requires upgrading and maintenance.

Agency support:	U.S. Department of Transportation Federal Aviation Administration
Federal funds:	\$0.8 million
Initiation time:	12 months
Jobs created:	62

Water and Sewer

Del Rio's water distribution network is aging. Funding is required to upgrade and expand water services including areas not currently served by the city.

Agency support:	Department of Commerce Department of Housing and Urban Development
Federal funds:	\$2.0 million
Initiation time:	12 months
Jobs created:	88

Wastewater collection and treatment facilities require expansion to meet the demands of a growing population and population increases resulting from a NAFTA.

Agency support:	Department of Commerce Department of Housing and Urban Development
Federal funds:	\$3.0 million
Initiation time:	12 months
Jobs created:	96

The city relies on San Felipe Springs for its water supply. Changes in federal and state regulations pertaining to water treatment and production mandate expansion of existing facilities.

Agency support:	Department of Commerce Department of Housing and Urban Development
Federal funds:	\$2.0 million
Initiation time:	12 months
Jobs created:	78

Surface Transportation

Since the demise of the Federal Revenue Sharing program, funding for infrastructure improvements has been reduced to non-entitlement, competitive grant programs offered through the State of Texas. Reduced funding has put numerous city street projects on hold. Funding is required to reconstruct and improve city streets.

Agency support:	Department of Commerce Department of Housing and Urban Development
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Federal funds:	\$5.0 million
Initiation time:	12 months
Jobs created:	123

El Paso

Ports of Entry

Increased commercial traffic at the Zaragosa Port of Entry and the Bridge of the Americas will necessitate construction of a hazardous waste containment facility. Construction plans include a shed large enough to hold a tractor trailer (approximately 70 by 20 feet), holding tanks, proper drainage and fire and water capabilities.

Agency support:	General Services Administration Environmental Protection Agency
Federal funds:	\$6.0 million
Initiation time:	12 months
Jobs created:	32

The aging Bridge of the Americas needs extensive repairs to secure the pilings and construct two new commercial lanes.

Agency Support:	State
Federal funds:	\$5.0 million
Initiation time:	12 months
Jobs Created:	330

The Zaragosa Bridge will require upgrades and improvements to meet the demands of commercial shippers. An additional 20 acres will be required to accommodate commercial facilities.

Agency support:	General Services Administration U.S. Customs
Federal funds:	\$7.5 million
Initiation time:	12 months
Jobs created:	25

Water and Sewer

A 20 mgd water treatment plant for the Lower Valley must be constructed to provide 30,000+ inhabitants with potable water.

Federal funding:	\$20.0 million
Initiation time:	12 months
Jobs created:	482

Environment

The Southwest Center for Environmental Research requires funding for continued research into border environmental problems.

Agency support:	Environmental Protection Agency
Federal funding:	\$9.9 million
Initiation time:	12 months

Jobs created:	150
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Emergency response equipment must be purchased for El Paso and the surrounding area.

Agency support:	Environmental Protection Agency
Federal funding:	\$6.2 million
Initiation time:	12 months
Jobs created:	18

Health Care

The Institute for Border Health will provide support to health care providers in the region by assessing priorities, training and continuing professional education, research, program development and fund disbursement.

Federal funding:	\$0.8 million
Initiation time:	12 months
Jobs created:	20

The Binational Maternal and Child Health Care Program will oversee binational training for health professionals working in maternal and child health care, creation of a mass media campaign, community-based education programs and enhanced use of volunteers in community outreach programs.

Federal funding:	\$6.1 million
Initiation time:	12 months
Jobs created:	55

Expansion of the Sunland Park Clinic will meet needs for seasonal farm workers.

Federal funding:	\$2.0 million
Initiation time:	12 months
Jobs created:	46

Education\Technology Transfer

The Defense Reserve Industrial Base Program (DRIB) will establish a base for expanding defense production through preassigned and predesignated manufacturing plants to produce critical components and finished systems for the Defense Department. The primary location of the DRIB will be the existing production-sharing centers along the U.S.-Mexico border. Plant facilities selected to participate in the program will be paired with a prime defense contractor or appropriate subcontractors to develop and stockpile tools, dies, or specialized material for rapid conversion of machinery and pretraining key personnel.

Agency support:	Federal Emergency Management Administration
Federal funding:	\$1.6 million
Initiation time:	12 months
Jobs created:	48

The Hemispheric Institute for Manufacturing Standards will create standardized manufacturing standards. It will also serve as a clearinghouse for the collection, analysis and dissemination of information applying to North America, Europe, the Pacific Rim, Defense Department and other major entities which set standards for manufacturing and industry. The Institute will focus on releasing information regarding standards to manufacturers and industrial groups involved in trilateral trade and export outside the NAFTA area.

Agency support:	Department of Commerce Department of Education
Federal funding:	\$2.5 million
Initiation time:	12 months
Jobs created:	56

A NAFTA will reinforce the need for continued research and training in new technologies as well as the application of existing technology. The U.S.-Mexico border has a total-cost-of-business environment which is unparalleled in the global market. Typically, labor costs in the region are 40 percent lower than other manufacturing locations in the United States. A program designed to capture the border's industrial competitiveness requires training for labor, management and investors. This program will train approximately 5,000 people.

Federal funding:	\$8.5 million
Initiation time:	12 months
Jobs created:	60

The Telecommunications Network Program will provide a communications link among business, industry, federal laboratories and the region's academic institutions. The center will provide classroom and demonstration space for educational and training programs, video and computer-based information for private sector use, mobile microwave stations and satellite uplink and downlink equipment for long distance broadcasts. The goal of the program is to disseminate information about new technology and its practical applications.

Federal funding:	\$4.5 million
Initiation time:	12 months
Jobs created:	125

The Strategic Materials Transfer Laboratories will develop applications for government technology for the private sector. The program will involve Los Alamos, Sandia, White Sands and other federal laboratories.

Federal funding:	\$23.3 million
Initiation time:	12 months
Jobs created:	468

Surface Transportation

A clover leaf interchange must be constructed at Aircraft Road and Interstate 10 to provide access for trucks crossing the border from Santa Teresa, New Mexico, to the interstate highway system.

Agency support:	Department of Transportation
Federal funds:	\$0.8 million
Initiation time:	12 months
Jobs created:	33

U.S. Highway 54/Martin Luther King Boulevard must be extended to the New Mexico state line for hazardous waste, explosives and other volatile cargo transportation.

Agency support:	Department of Transportation
Federal funds:	\$6.0 million
Initiation time:	12 months
Jobs created:	231

Dona Ana

Water and Sewer

A 1.5 mgd capacity water-wastewater treatment and distribution facility must be constructed at the Dona Ana County Airport to provide potable water to the South Valley and the surrounding area.

Agency support:	Federal Aviation Administration Environmental Protection Agency
Federal funding:	\$4.2 million
Initiation time:	12 months
Jobs created:	47

Construction of a new water well and distribution system for Columbus.

Agency support:	Environmental Protection Agency
Federal funding:	\$4.2 million
Initiation time:	12 months
Jobs created:	45

Environment

International HAZMAT training academy construction.

Federal funding:	\$4.0 million
Initiation time:	12 months
Jobs created:	42

HAZMAT monitoring and training equipment must be purchased for the proposed HAZMAT training academy, Santa Teresa Port of Entry and the Columbus Port of Entry.

Federal funding:	\$4.7 million
Initiation time:	12 months

Construction of a fire and emergency medical facility at the Columbus Port of Entry.

Federal funding:	\$0.4 million
Initiation time:	12 months
Jobs created:	18

Health Care

Construction of the Dona Ana County South Valley Medical Care Facility.

Agency support:	Department of Health and Human Services Department of Housing and Urban Development
Federal funding:	\$20.7 million
Initiation time:	12 months
Jobs created:	525

Surface Transportation

Artcraft Road must be extended from Dona Ana County Airport to I-10 and expanded to six lanes to alleviate traffic congestion.

Agency support:	Department of Transportation
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Federal funding:	\$10.5 million
Initiation time:	12 months
Jobs created:	138

Nogales

Airports

The airport will require infrastructure for an industrial project.

Agency support:	Economic Development Agency
Federal funding:	\$2.5 million
Initiation time:	12 months
Jobs created:	83

Water and Sewer

The nearly completed joint treatment facility will be unable to meet U.S. discharge standards largely due to industrial waste originating in Mexico. To ensure compliance with these standards a new facility to treat Mexican wastewater will be required. The new treatment plant must have the capacity and technology to bring the effluent up to standards.

Agency support:	International Boundary and Water Commission
Federal funding:	\$5.0 million
Initiation time:	12 months
Jobs created:	372

Environment

Air quality in Nogales has been documented as among the worst in the Southwest. A cooperative effort is proposed involving the Environmental Protection Agency, Arizona Department of Environmental Quality, Southwest Center for Environmental Research and Policy, and local officials focusing on air quality issues. This project would develop an air quality inventory and implementation plan.

Agency support:	Environmental Protection Agency
Federal funding:	\$0.3 million
Initiation time:	12 months
Jobs created:	10

Health Care

As in most border communities, patient needs have outpaced the ability of local medical facilities to provide adequate service. The burden placed on emergency room services is particularly great. Funding is being sought to construct a trauma center and expand emergency room facilities at Holy Cross Hospital.

Agency support:	Department of Health and Human Services
Federal funding:	\$0.5 million
Initiation time:	12 months
Jobs created:	17

Housing

Nogales will require 100 new units to meet the demands of its growing population.

Agency support:	Department of Housing and Urban Development
Federal funds:	\$7.5 million
Initiation time:	12 months
Jobs created:	248

Education\ Technology Transfer

Border residents must be trained to meet the increasing demands of business and industry. Nogales plans to address these demands through the Center for Applied Technology. Anticipated programs at the Center include:

- joint ventures with technical schools on both sides of the border
- expansion of partnerships between business and education (JTPA)
- expansion of existing post-secondary institutions

Agency support:	JTPA
Federal funding:	\$5.5 million
Initiation time:	12 months
Jobs created:	182

Surface Transportation

New parking facilities will be critical to maintaining downtown Nogales as a viable commercial center. A recent study indicates that by the year 2010 the need for parking in the downtown area will more than double. The study identified a number of alternatives including on and off street facilities to meet the demand. Funding will be required to plan, design and construct appropriate facilities.

Agency support:	Department of Transportation
Federal funding:	\$4.5 million
Initiation time:	12 months
Jobs created:	149

A comprehensive binational transportation study must be conducted for Nogales to determine existing and potential transportation infrastructure shortcomings for both cities.

Agency support:	Department of Transportation
Federal funding:	\$0.5 million
Initiation time:	12
Jobs created:	17

Yuma

Ports of Entry

A separate pedestrian bridge must be constructed.

Agency support:	International Boundary and Water Commission General Services Administration U.S. Department of the Treasury
Federal funds:	\$1.0 million

Initiation time: 6 months
Jobs created: 30

Water and Sewer

The City of San Luis must upgrade systems to meet Environmental Protection Agency standards and to accommodate growth. This must be accomplished before any additional commercial or industrial growth

Agency support: Environmental Protection Agency
Federal funds: \$4.0 million
Initiation time: 6 months
Jobs created: 80

Environment

Yuma's air quality does not comply with Environmental Protection Agency standards for PM 10. Monitoring equipment is needed to identify the source of PM 10 and bring the city into compliance with Environmental Protection Agency regulations.

Agency support: Environmental Protection Agency
Federal funds: \$1.0 million
Initiation time: 12 months
Jobs created: 2

Education\Technology Transfer

Yuma's unemployment rate of 24 percent mandates curriculum changes that will strengthen vocational and retraining programs to meet the needs of business and industry involved in international trade.

Agency support: Department of Education
Federal funds: \$1.0 million
Initiation time: 12 months
Jobs created: 14

Calexico

Airports

Since air transportation will be crucial to the movement of goods and people between the United States and Mexico, improvements to the Calexico Airport are essential. Federal funding will be required to expand and improve landing strips, terminals and hangars.

Agency support: Department of Transportation
Federal funds: \$0.9
Initiation time: 12 months
Jobs created: 110

Water and Sewer

Population increases and expansion of the City of Calexico will require the annexation of approximately 2,100 acres for housing developments. Connecting new developments to city water and sewer services will require contributions from all funding sources.

Federal funds: \$14.5
Initiation time: 12 months
Jobs created: 230

Health Care

Health care providers in border cities report that the health care delivery system is operating under severe strain. Population increases generated by free trade will further stress the resources of the region. The Calexico Hospital requires several upgrades to meet demands.

Federal funds: \$0.2
Initiation time: 12 months
Jobs created: 22

San Diego

Ports of Entry

Federal funds are needed to finance the expansion of the Otay Mesa Port of Entry which will include additional lanes, secondary inspection lots and expansion of the commercial dock area.

Agency support: General Services Administration
Federal funds: \$24.0 million
Initiation time: 12 months
Jobs created: 130

Water and Sewer

Federal funds are needed to cover interim costs for treatment of sewage originating in Tijuana. Each day approximately 13 million gallons of untreated Tijuana sewage are transported by interim pipeline through the San Diego Metropolitan Sewage System for treatment at the Point Loma Plant.

Agency support: Environmental Protection Agency
Federal funds: \$4.0 million
Initiation time: 12 months
Jobs created: 18

Environment

A formal technical exchange program needs to be developed under the auspices of the U.S.-Mexico border environmental plan. Under this program, environmental engineers and technicians will participate in cross-border training exercises and information exchanges. In addition, a public awareness campaign will compliment all phases of binational environmental legislation. Ongoing air quality and hazardous waste monitoring projects also require federal assistance.

Agency support: Environmental Protection Agency
Federal funding: \$5.0 million
Initiation time: 12 months
Jobs created: 48

A public awareness and promotional campaign must be implemented as a necessary component of all border environmental projects.

Agency support:	Environmental Protection Agency
Federal funding:	\$0.2 million
Initiation time:	12 months
Jobs created:	8

In response to the growing need for cooperation on border environmental matters, a Binational Environmental Council composed of industry leaders from companies in the United States and Mexico must be established.

Agency support:	Environmental Protection Agency
Federal funding:	\$0.1 million
Initiation time:	12 months
Jobs created:	10

Environmental Protection Agency programs in the San Diego area must be expanded to regulate hazardous waste transportation and industrial effluents in accordance with IBEP.

Agency support:	Environmental Protection Agency
Federal funding:	\$10.0 million
Initiation time:	12 months
Jobs created:	125

Health Care

Federal funds are required to develop a database for monitoring and accumulating medical data on indigent clients. A database of this type will help minimize the cost of treating undocumented and uninsured patients.

Agency support:	Department of Health and Human Services
Federal funding:	\$1.0 million
Initiation time:	12 months
Jobs created:	14

Surface Transportation

Increased commercial and passenger traffic require expansion and upgrading Interstate 905.

Agency support:	Department of Transportation
Federal funding:	\$180.0 million
Initiation time:	12 months
Jobs created:	820

Brownsville

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Ports of Entry				
Gateway Bridge, improvements	1.5	Customs	6	42
Airports				
Paving aprons	1.0	FAA	4	25
Lighting, taxiway and drainage, improvements	1.0	FAA	3	25
Environment				
HAZMAT response drills	0.5	EPA	9	12
Landfill use and management	1.0	EPA	8	18
HAZMAT staffing and training, port of entry	1.0	EPA	5	22
HAZMAT Care Council, establishment	2.5	DHHS	5	12
Health Care				
City health care facility, construction	1.0	DHHS	8	35
Binational maternal and child health care programs, funding	10.0	DHHS	5	85
Education\Technology Transfer				
Technical training and equipment facility	1.5	DOE	12	45
Total	21.0			321

Harlingen

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Ports of Entry Port of Harlingen, improvements	1.0		12	32
Airports Drainage, improvements	5.0	FAA	12	200
Water and Sewer Los Indios Treatment Plant, construction	1.5		12	80
Wastewater treatment #2, increase capacity	9.0		12	453
Las Palmas Colonia, connect to city water and sewer system	1.5		12	76
Health Care Binational emergency care, equipment	2.5		12	7
Housing Low to moderate income housing, construction	2.7		12	138
Total	23.2			986

McAllen

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Ports of Entry				
Anzalduas Bridge, construction	23.0		12	285
Anzalduas Bridge, INS and Customs facilities, construction	20.0		12	238
Water and Sewer				
Water treatment and delivery system, Starr County, construction	8.0		12	126
Water treatment and delivery system, Roma, construction	3.0		12	92
Water treatment and delivery system, La Grulla, construction	1.0		12	32
Surface Transportation				
US 281, improvements	2.3		12	47
FM 2061, improvements	3.7		12	64
Total	61.0			884

Laredo

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Ports of Entry Laredo North International Bridge, construction	2.0	GSA	12	3,125
Airports Passenger terminal, cargo aprons, and construction and reconstruction of runways and taxiways	12.0	DOT	12	246
Water and Sewer Water distribution and treatment, improvements	25.0	EPA	12	310
Water treatment plant, construction	15.0	EPA	12	290
Health Care Health care professional recruiting program, funding	0.4	DHHS	12	13
River monitoring program, funding	0.6	EPA	12	8
Health education and preventive medicine programs, expansion	0.4	DHHS	12	14
Environment HAZMAT equipment, purchase	0.6	EPA	12	6
Surface Transportation Inner loop, construction	8.0	DOT	12	540
Outer loop, construction	22.0	DOT	12	260

Laredo

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Education\Technology Transfer Public library, expansion	1.0	DOE	12	36
Laredo State University, library construction	5.0	DOE	12	650
Laredo Junior College Import\Export Program, expansion	1.0	DOE Customs Dept. of Commerce FDA Dept. of Agriculture DOT	12	250
Total	93.0			5,748

Del Rio

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Airports				
Runway overlay, construction	0.8	DOT, FAA	12	62
Water and Sewer				
Water distribution network, upgrades	2.0	DOC, HUD	12	88
Wastewater collection and treatment facilities, expansion	3.0	DOC, HUD	12	96
San Felipe Springs, facility expansion	2.0	DOC, HUD	12	78
Surface Transportation				
City streets, improvements	5.0	DOC, HUD	12	123
Total	12.8			447

El Paso

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Ports of Entry				
HAZMAT containment facility, construction (BOTA, Zaragosa)	6.0	GSA, EPA	12	32
Bridge of the Americas (BOTA), renovation	5.0	State	12	330
Zaragosa Bridge, land acquisition	7.5	GSA, Customs	12	25
Water and Sewer				482
20 mgd treatment plant, construction	20.0		12	
Environment				
Southwest Center for Environmental Research and Policy, funding	9.9	EPA	12	150
Emergency response equipment, purchase	6.2	EPA	12	18
Health Care				
Institute for Border Health, funding	0.8		12	20
Binational maternal and child health care programs, funding	6.1		12	55
Sunland Park Clinic, expansion	2.0		12	46
Education\Technology Transfer				
Defense Reserve Industrial Base Program, funding	1.6 ***	FEMA	12	48
Hemispheric Institute for Manufacturing Standards, funding	2.5 ***	DOC, DOE	12	56

El Paso, continued

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Education\Tech Transfer (continued)				
Applied technology training program, funding	8.5***		12	60
Telecommunications network program, funding	4.5***		12	125
Strategic Materials Transfer Laboratories, funding	23.3***		12	468
Surface Transportation				
Artcraft Road interchange, construction	0.8	DOT	12	33
U.S. Highway 54, expansion	6.0	DOT	12	231
Total	110.7			2,179
*** Paso del Norte Projects				
El Paso	13.9			
New Mexico	20.7			
Chihuahua	5.8			

Dona Ana

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Water and Sewer				
1.5 mgd capacity facility, construction	4.2	FAA EPA	12	47
Columbus water well and distribution system, construction	4.2	EPA	12	45
Environment				
International HAZMAT training academy, construction	4.0		12	42
HAZMAT monitoring and training equipment, purchase	4.7		12	
Columbus fire and emergency medical facility	0.4		12	18
Health Care				
Dona Ana County South Valley Medical Care Facility, construction	20.7	DHHS, HUD	12	525
Surface Transportation				
Artcraft Road, expansion	10.5	DOT	12	138
Total	48.7			825

Yuma

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Ports of Entry Pedestrian bridge, construction	1.0	IBWC GSA Dept. of the Treasury	6	30
Water and Sewer Sewer system, upgrade	4.0	EPA	6	60
Environment Air pollution monitoring equipment, purchase	1.0	EPA	12	2
Education\Technology Transfer Vocational and retraining programs, funding	1.0	DOE	12	14
Total	7.0			106

Nogales

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Airport Infrastructure for industrial project	2.5	EDA	12	83
Water and Sewer Design and planning for a new international collector and treatment facility	5.0	IBWC	12	372
Environment Air pollution monitoring facility, construction	0.3	EPA	12	10
Health Care Trauma center, construction	0.5	DHHS	12	17
Education\Technology Transfer Applied technology training, development	5.5	JTPA	12	34
Surface Transportation Parking structure, construction	4.5	DOT	12	149
Binationl transportation study	0.5	DOT	12	17
Housing New construction, 100 units	7.5	HUD	12	248
Total	26.8			930

Calexico

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Airports General improvements including landing strips, terminals and hangar expansion	0.9	DOT	12	110
Water and Sewer Sewer and water service, expansion	14.5		12	230
Health Care Calexico Hospital, upgrades	0.2		12	22
Total	15.6			362

San Diego

Projects	Total Federal Funding (millions)	Federal Agency Awareness	Initiation Time (months)	Total Jobs Created
Ports of Entry Otay Mesa Port of Entry, improvements and expansion	24.0	GSA	12	130
Water and Sewer Interim treatment costs, funding	4.0	EPA	12	18
Environment Technical exchange program, funding	5.0	EPA	12	48
Public awareness campaign, implementation	0.2	EPA	12	8
Binational Environmental Council, establishment	0.1	EPA	12	10
EPA program, expansion	10.0	EPA	12	125
Health Care Database, development	1.0	DHHS	12	14
Surface Transportation I-905, expansion and upgrade	180.0	DOT	12	820
Total	224.3			1,173