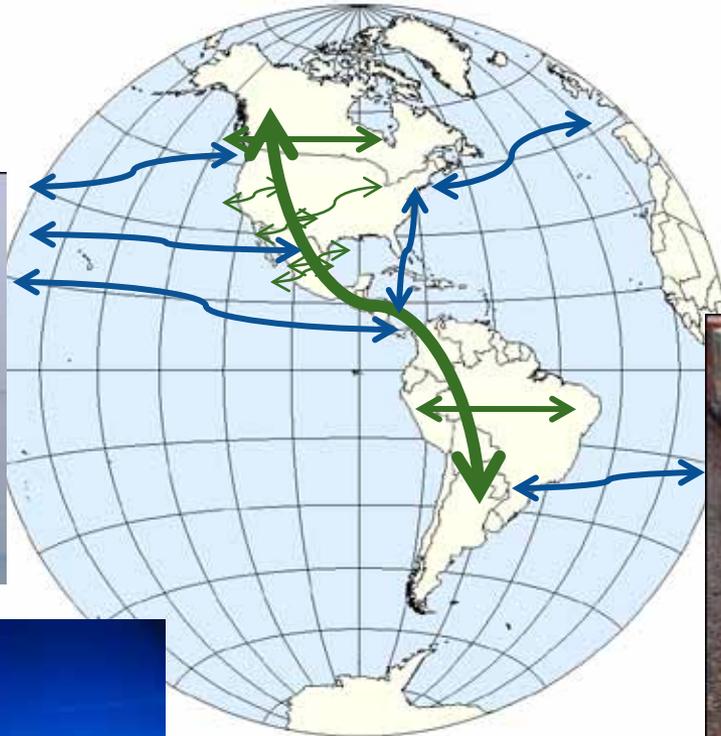




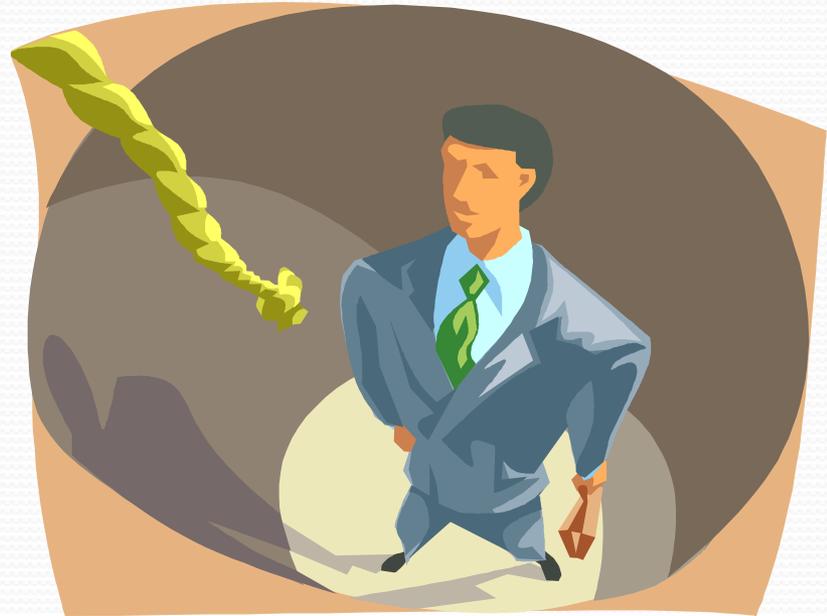
The Enterprise and Land-Bridge Company's

**VISION FOR THE WESTERN  
HEMISPHERE'S FUTURE  
GLOBAL CARGO  
TRANSPORTATION SYSTEM**

# Components of a Global Cargo Transportation System



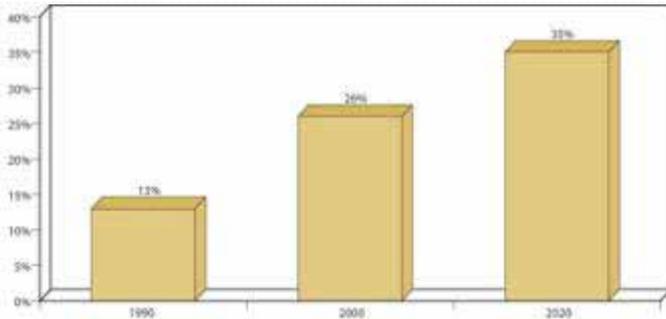
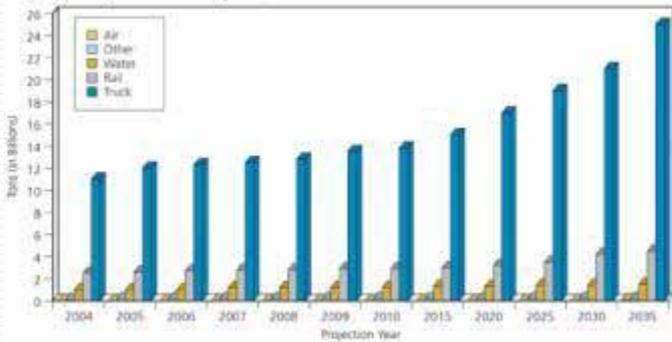
# An Efficient Global Cargo Transportation System Is The Backbone of a Vibrant World Economy



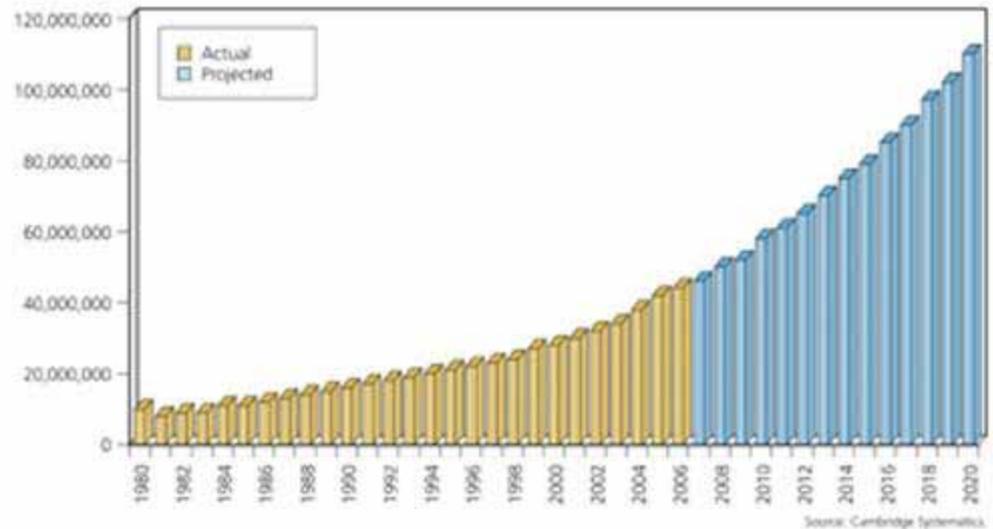


# Over the Next 20 Years, while Truck Freight Is Expected to Double, International Containers Are Expected to Quadruple

Projected Freight Ton Growth by Mode, 2004-2035



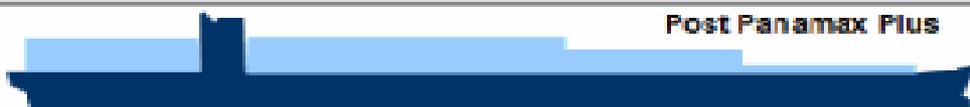
Historic and Projected U.S. Container Traffic (TEUs)



Freight movement will be one of the major challenges for the years ahead.

American Association of State Highway and Transportation Officials 2006

# Cargo Vessel Draft Requirements

		Length	Draft	TEU
First (1956-1970)	 Converted Cargo Vessel	135 m	<9 m	500
	 Converted Tanker	200 m	<30 ft	800
Second (1970-1980)	 Cellular Containership	215 m	10 m 33 ft	1,000 – 2,500
Third (1980-1988)	 Panamax Class	250 m	11-12 m 36-40 ft	3,000
	 Panamax Class	290 m		4,000
Fourth (1988-2000)	 Post Panamax	275 – 305 m	11-13 m 36-43 ft	4,000 – 5,000
Fifth (2000-2005)	 Post Panamax Plus	335 m	13-14 m 43-46 ft	5,000 – 8,000
Sixth (2006-)	 New Panamax	397 m	15.5 m 50 ft	11,000 – 14,500

**By 2013 the ships will be 2000 feet long (600m), 300 foot beam (90m), and with a 65 foot draft (18m), carrying 18,000 to 22,000 TEU's**

# The Mærsk "E" Class Ships Are Presently the World's Largest Container Ships\*

**Length** = 397 m / 1302' 6"

**Beam** = 56 m / 183' 8"

**Hull depth** = 30 m / 98' 4"

**Draft** = 17 m / or 53' feet

**Tonnage**

gross = 170,974 bt

net = 55,396 nt

deadweight (DWT) = 156,907 DWT

**Power**

80,080 kW (109,000 hp)

**Speed**

Over 25.5 knots/ 47 Km/h.

**Capacity**

11,000 TEU



\* All data and pictures have been taken from the Internet

# Unloading such Megaships Takes 14 Cranes.



The Maersk “E” class is the largest container vessels in the world ever built, these ships are superbly engineered, which, according to many specialists, is not only a sign for power, but also a very profitable utility for the Maersk Line, which also operate the largest container fleet in the world.

<http://telcollc.com/>

# m/v Faust

## The Largest Car Carrier in the World\*

Length: 228 m / 728 ft

Beam: 33 m / 108 ft

**Draft: 11.5 m / 38 ft**

Deadweight: 30,383 m.t.

GT: 71,583 m.t.

Capacity: 8,000 units

Year: 2007

Speed: 21 kn

Engine: MAN B&W 7S60



\* All data and pictures have been taken from the Internet

# MS *Berge Stahl*

## The Largest Bulk Carrier Ship in the World\*

Tonnage: 364 767 DWT

Length: 1100 feet 342,08 m

Beam: 200 feet 63,5 m

**Draft: 70 feet-23,035 m**

Propulsion:

1 screw, Ø9m

Diesel Hyundai 7L90MCE

Speed: 13,5 knots



\* All data and pictures have been taken from the Internet

# Mozah

## Worlds Largest Liquid Natural Gas Carrier\*

Hull Type	Single Hull
Gross Tonnage	162.400 tons
Summer Dwt	125.600 tons

### VESSEL DETAILS

Breadth Extreme	50 m/164 ft
Breadth Moulded	50 m/164 ft
Depth	27 m/88 ft
<b>Draft</b>	<b>12 m/39 ft</b>
Freeboard	15.000,0 mm
Length Overall	345 m/1132'



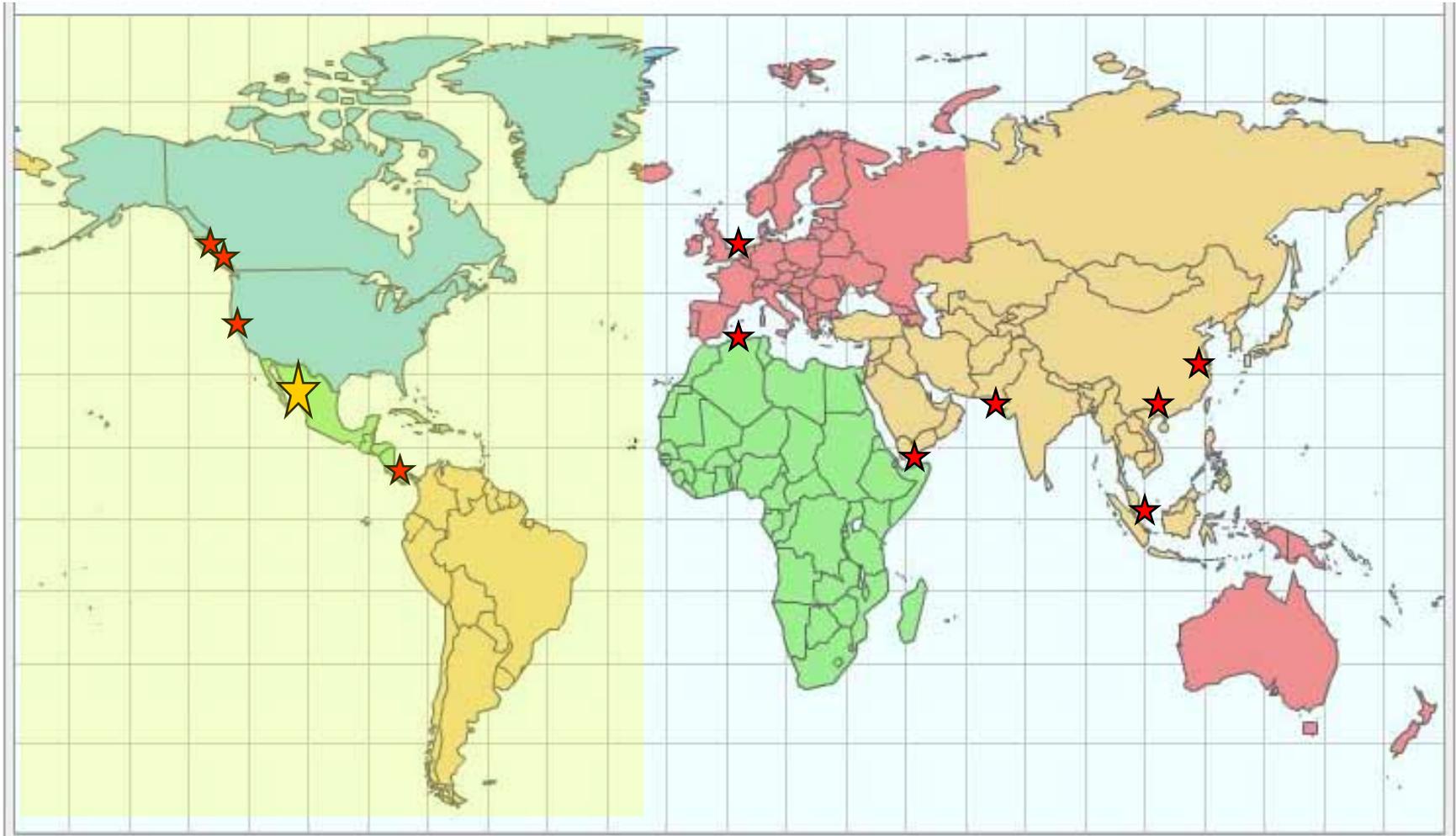
\* All data and pictures have been taken from the Internet



TEU's of 22,000 and drafts of 65'/25m requires a Super Port

# Super Trans-shipment Sea Ports

The Sea of Cortez Could Be a Member of This Exclusive Club of Ports



# Mexico Has the Opportunity to Be the Linchpin of The Western Hemisphere's Global Transportation System by Making The Mexico Super Port in Sonora a Reality



# Opening Up The Western Hemisphere's Economic Trade Engine Requires a Tightly Integrated Cargo Transportation System





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EXPORT





# Bulk Routes



**Mexico, Central America & the Western Caribbean**

# The Mexico Super Port Would Depend On Multiple Tracks To Move the Goods

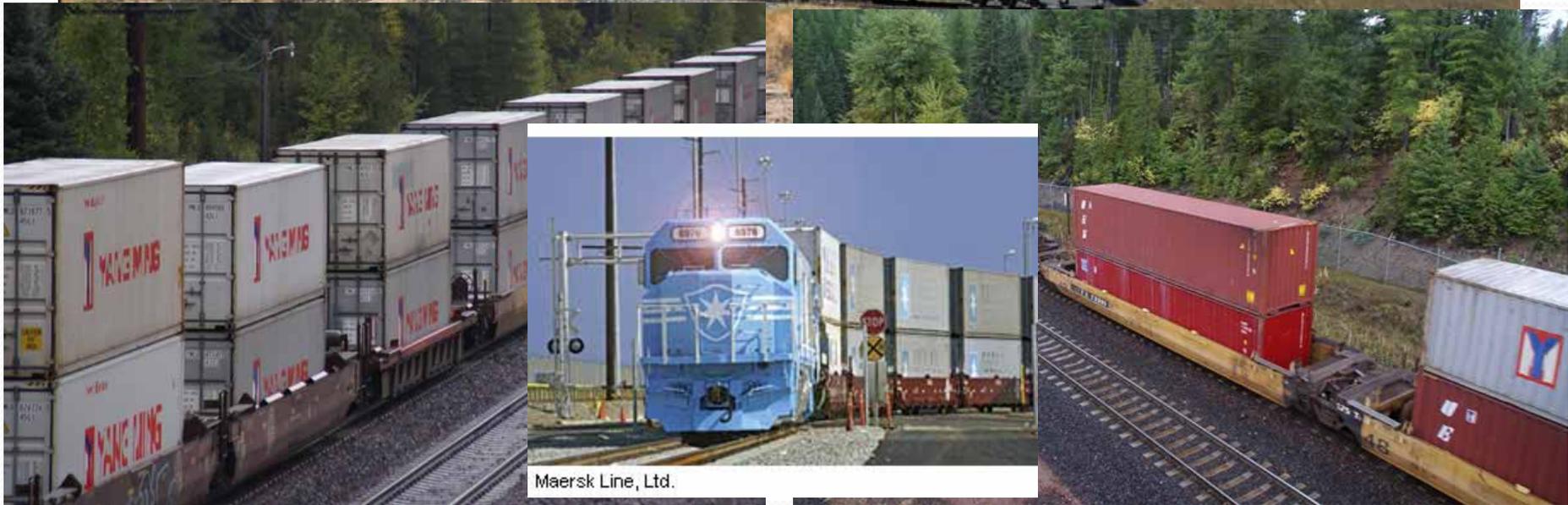


# Border Congestion





# Border Decongestion

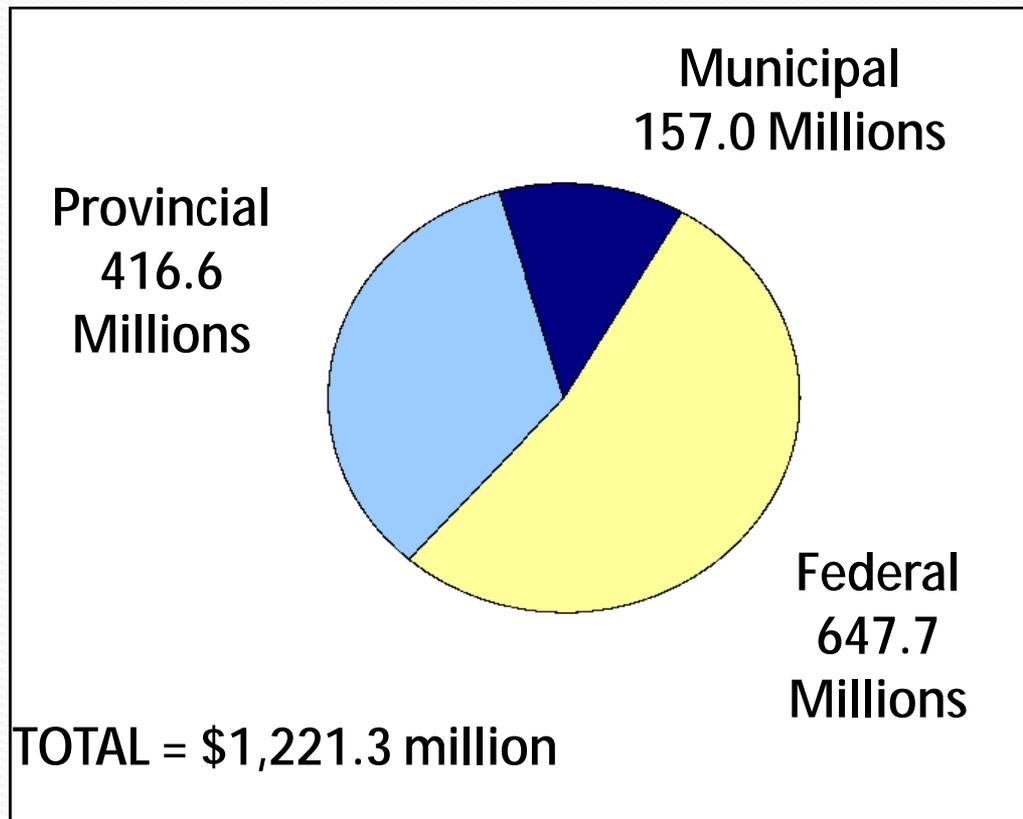


Maersk Line, Ltd.



# The Estimated Return on Investment for the Mexican Government in Annual Tax Revenues\* from the Mexico Super Port

\* Data from Robert Banks Delta Super Port in Canada





# Environmental Facts

- Ø It takes two to three ships to carry the same amount of containers as one mega ship does.
- Ø It only takes 1/3 more horse power to propel a ship that is twice as big in size.
- Ø The megaships are the winners with cleaner burning engines and when docked they use shore power.
- Ø The world's largest shipping companies, such as Maersk and Evergreen have become extremely conscious of the environment.

# Environment “Ingenuity”

With the new modern engines equipped with exhaust scrubbers, the argument for being big polluters is a mere storm in a glass of water and has nothing to do with reality.

Side benefits employing scrubbers are numerous such as heating water for crew use on the ship, and heating of the cabins when travelling in cold climates,



# The Canamex Corridor



## Alaska Highway

Alaska State Route 2

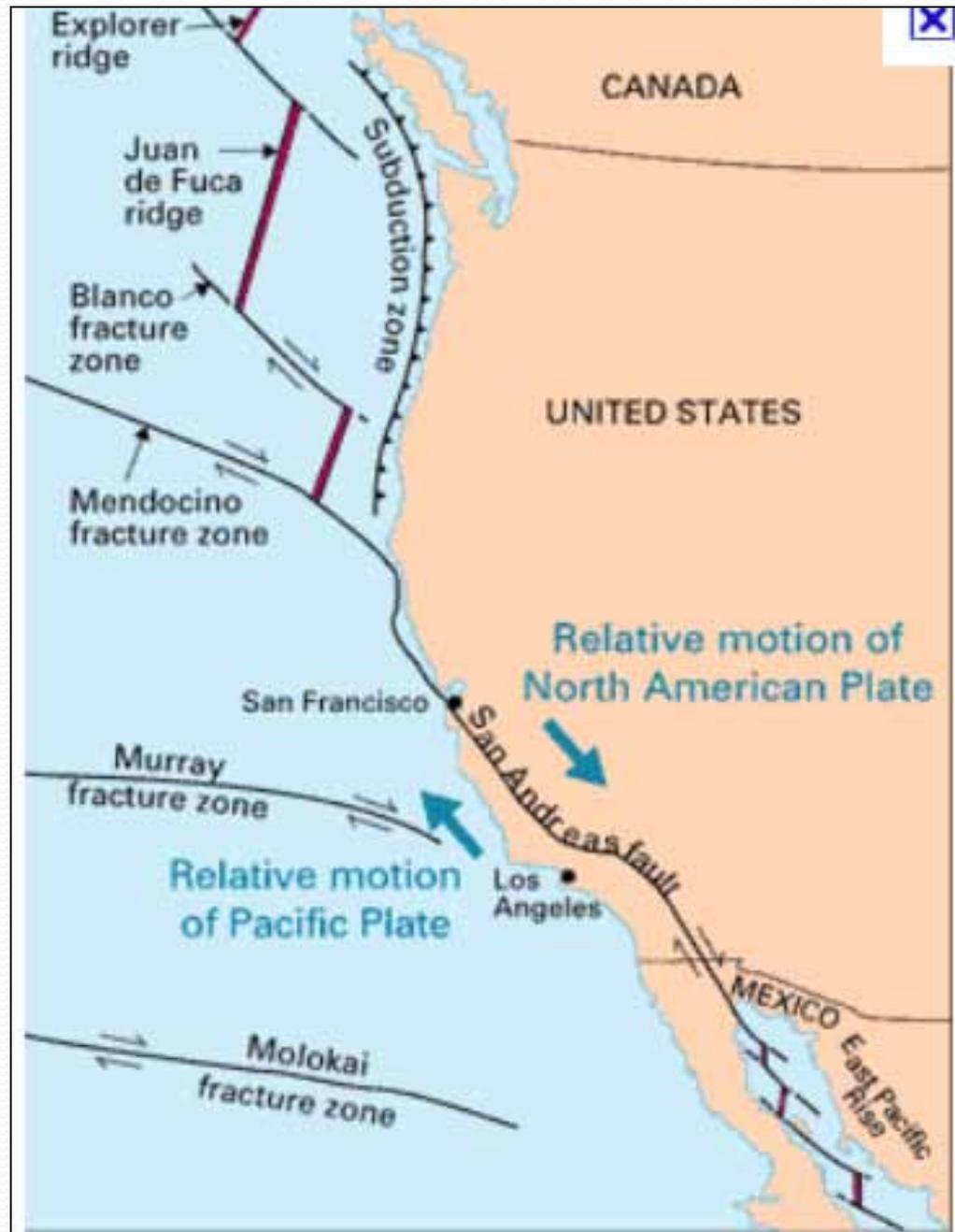
Yukon Highway 1

BC Highway 97



# Alcan Highway, a Continuation to Canamex

# St. Andreas Fault





# TELCO Executive Summary

## **TELCO can provide:**

1. Transportation expertise
2. International contacts
3. Foreign investment
4. Important industry contacts
5. Important US political connections
6. Advise on land acquisitions
7. Industry collaboration
8. Engineering expertise
9. Bottom line financial results
10. TELCO's aim is to be the contact company, which brings all the players together

## **Mexico & Sonora can provide:**

1. Mexican connections
2. Transportation companies
3. Regional business contacts
4. Local investment
5. Local government contacts
6. Mexican political connections
7. Licensing, permits & zonings
8. Port construction & access
9. Distribution vehicles



# TELCO Principals

## ØCurt A. Pedersen Chairman

Engineering, Truck Transportation of all types, Haul Analysis, World Wide since 1953.

## ØAlberto Moore President

Expert in International Trade, Development,

## ØByron Bissell, Ph.D.

Social Engineer, Strategist, and Marketing.  
Communication, and Investment since 1972

## ØLene (Lee) Laughner

IT Specialist, Teacher, and Webmaster

## ØRBF Consulting Engineers



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