

Draft ILC Task Force Final Report Outline

January 22, 2008

Executive Summary

Introduction

Bringing the ILC to Fermilab

General desire to bring it to Fermilab

What could come out of it?

What if we don't?

Build on lab tradition

Stress benefits

Once in a lifetime project

Competitiveness

Science leadership

U.S. needs to do this

To the U.S. vs. Fermilab specifically

Community Outreach

Frequency, often, ongoing

Methods, diverse venues

Assure safety, address concerns

Early notification

Convey science better

Youtube videos!

Start discussion broadly

Explain in layman's terms

Build trust

Generate excitement

Never withhold information

All of Northern Illinois

State and Federal too

Sense of wonder

West Chicago history

Recognize potential for negative

Timing

Explain uncertainty

Not too early to reach out

Siting the ILC

Think broadly

Who should select it

Don't alarm unnecessarily

Explain constraints
Explain options
Reasoning must be sound
Cost estimates of alt. sites needed

Off-Site Facilities

Land acquisition guidelines
Context-sensitive approach
Consider area 10 years from now
NIMBY
Criteria for structures
Criteria for access points
Explore value-added amenities
Communicate to likely locations
Options for underground
Design flexibility

Construction

Perceptions of impact
Fear of tunneling

Worker Safety and Public Health

Radiation
Tunnel construction
Operations

Environment

Water table impacts
Groundwater impacts
Radiation
Early mitigation of potential environmental impacts
Green orientation
Recycling opportunities (rock)
Energy usage of the ILC

Economics

Long-term impact
Understand current impact
International governing model
Be honest about costs

Political

Need sound public policy
The value of creating and maintaining long-term visions
The need to be able to conduct long-term projects

Federal planning and coordination
Local government coordination
State involvement
Building and maintaining trust locally and internationally

Lessons Learned

SSC
O'Hare
The original development of Fermilab
The power of misinformation
Deep Tunnel

Conclusion