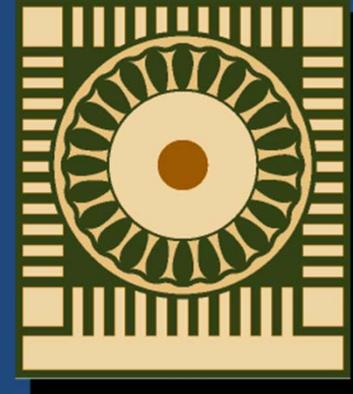




Think Fast, Work Fast...



CITY OF
HAYWARD
HEART OF THE BAY

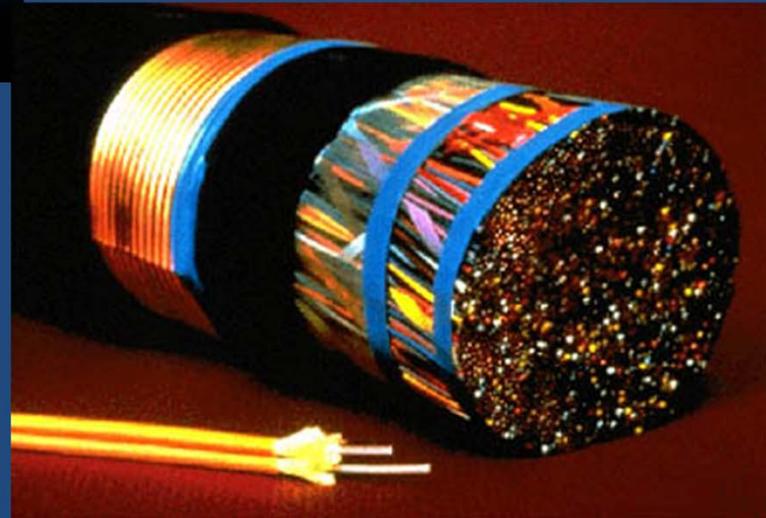
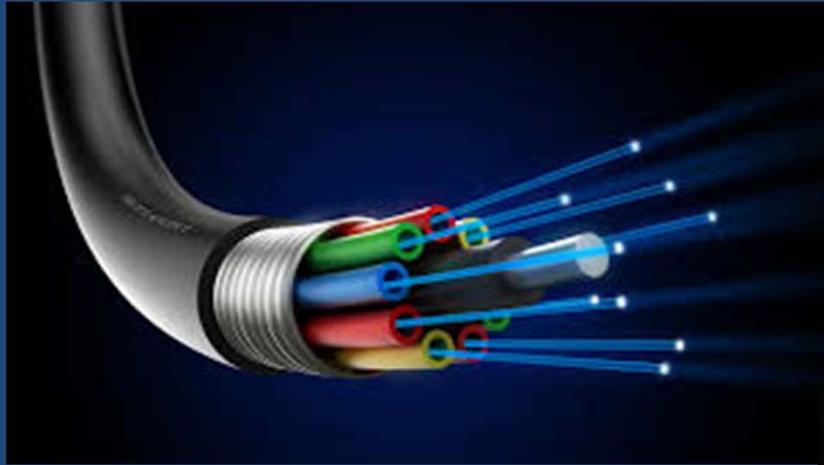
Council Economic Development Committee

July 1, 2013

Hayward Project Overview

- Project Name: **High-Speed Hayward**
- Work with Lit San Leandro to bring high speed fiber connections to Hayward businesses
- Utilize existing successful framework to add economic development value to Hayward community

What is fiber optic cable?



Hayward Project Overview

- Utilize existing City of Hayward conduit to run Fiber Optic Cable (288 strands)
- In return for use of the conduit, Hayward receives 10% of fiber strands installed
 - Would carry several thousand times more data than current daily City Hall usage
- All construction, permits, fiber installation paid for by San Leandro Dark Fiber

Lit San Leandro Background

- LLC formed in 2011 for East Bay Economic Development through Broadband Initiatives
- Award Winning Company for Public Private Partnerships
- A Public Utility Commission Registered (Non Dominant) Local Exchange Carrier
- Website: Litsanleandro.com

Lit San Leandro Background

- US Ignite partner--initiatives in Health, Public Safety, Education & Workforce Development, Advance Manufacturing, Energy, Transportation
- Focused on connecting to business, not residential
- Smart City Initiative
- Global outreach (107 countries) to bring businesses to the area

Existing Customers

- Bayfair Center Mall
- Westgate Mall
- Hyatt
- OSIssoft
- 32+ Office Complexes in San Leandro and Berkeley

Before/After

- **Atomic Productions, San Leandro:**
 - “We were previously using 6 T1 lines bonded together and getting about 5mbps up and down. It would take 8-9 hours to download approx 26GB's from the NFL, now it's about 20 minutes.”
- **San Leandro Library:**
 - 3 Mbps to 100 Mbps, burstable to a Gigabit (1000 Mbps) 10 hour downloads now take 1 hour
- **Connecting buildings make them more attractive for business to locate and expand**
 - Downtown building 1: 40% vacancy reduced to 5% within 2 months of being connected
 - Downtown building 2: second floor space reduction from 50% vacancy to 0%
- **Health Care and Technology companies locating in San Leandro due to fiber**

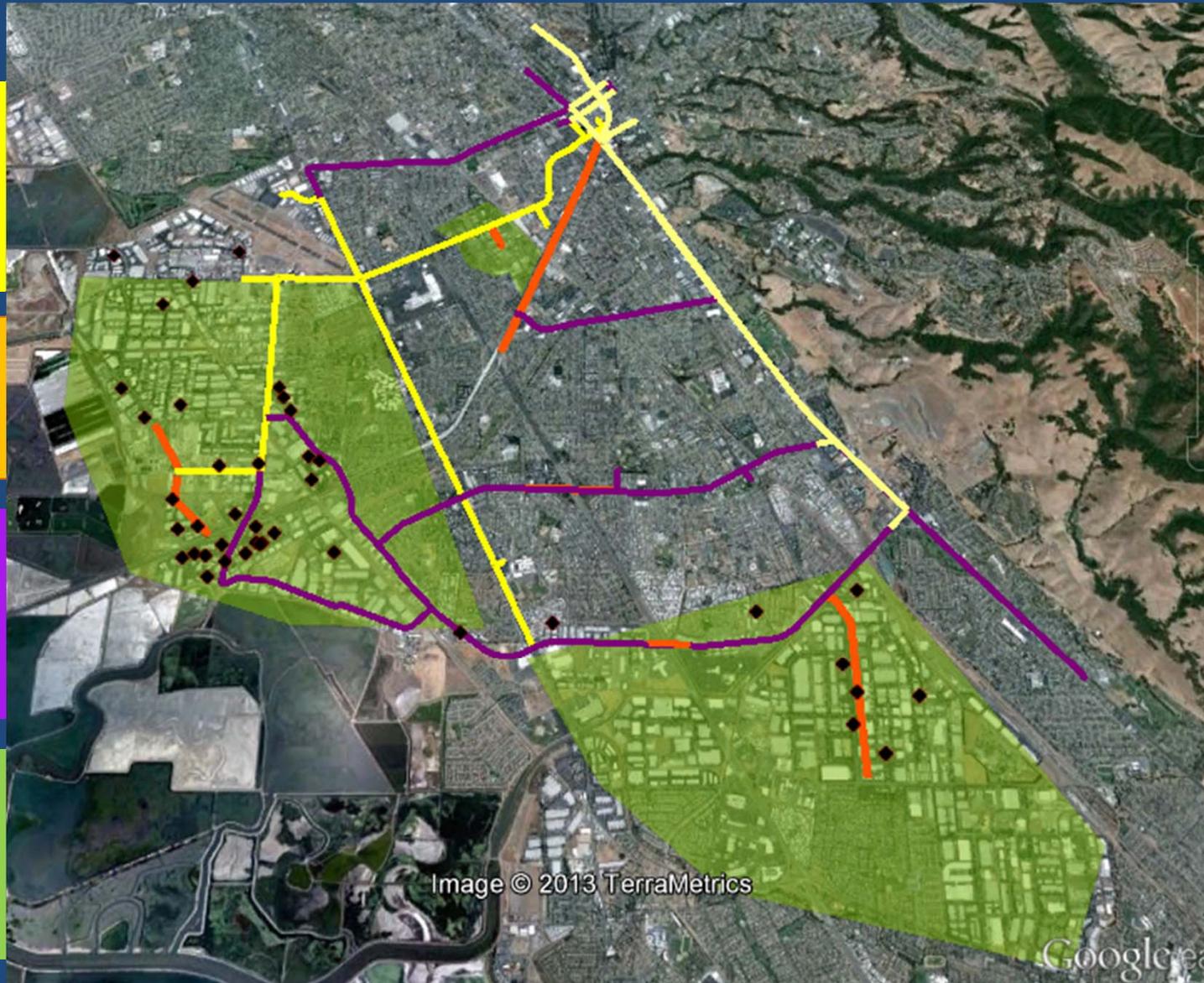
Concept Map – Hayward Fiber Route

Existing
Conduit with
fiber
Yellow

Future
Conduit
Orange

Existing
Conduit No
Fiber Yet
Magenta

High Interest
of Serving
Areas
Green shade



Schedule

Deliverable	Timing
Council Approval	September/October 2013
Design and construction of begins	January 2014
HSHL (High Speed Hayward Loop, refer to installed conduit on map) ready for subscriber use	Fall 2014
Addition and Construction of subsequent phases	2014-2018