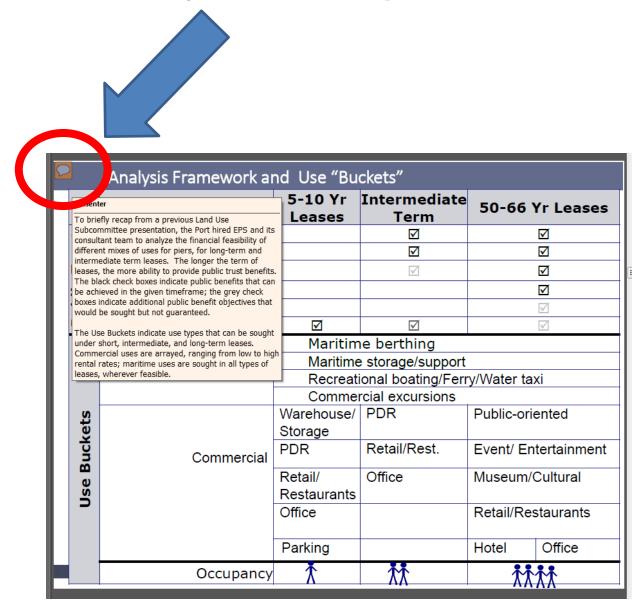
Please note: to view the presenter's comments, please click on or hover over the orange icon in the top left corner of this document





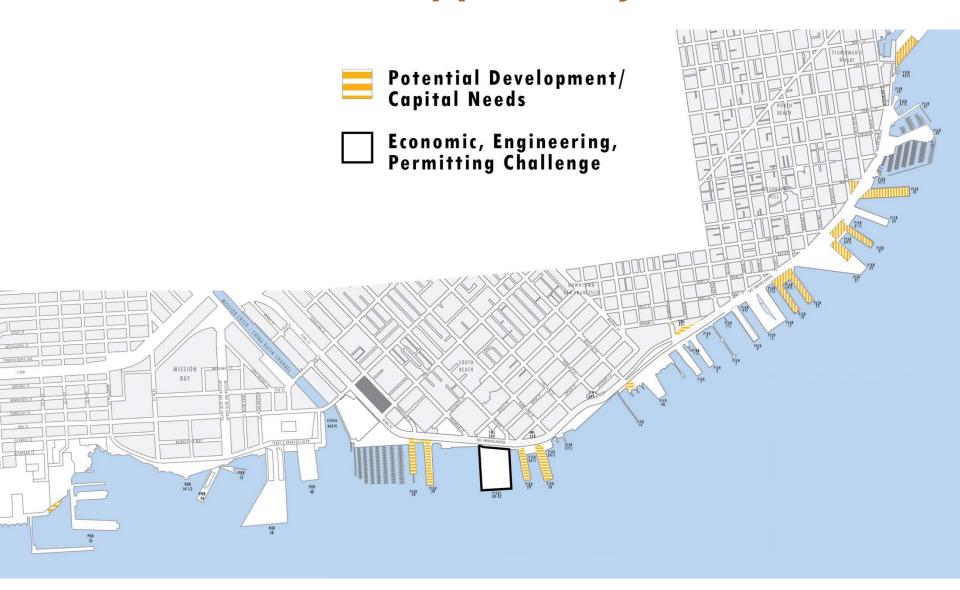


## **Land Use – Trust Consistent**





# **Land Use – Vacant/Opportunity/Need Sites**





	Historic Preservation of the Trust Asset	Seismic/Life Safety Improvements to the Trust Asset	Exterior Public Access and/or Maritime	Trust revenue/ investment	Interior Uses Serving Trust Purposes - quality	Interior Uses Serving Trust Purposes – quantity	Lease Term
Most Desirable	Full historic rehabilitation to Sec. Int. Standards	Full substructure and superstructure repair and seismic upgrade	Full repair and improvement of apron for public access and/or maritime use	High yield uses	Traditional trust uses: maritime office, visitor-serving retail/restaurant, water-related recreation, public access	Entire bulkhead building and pier shed	Public use, No lease (Most flexibility to change uses to meet trust objectives)
	Partial historic rehabilitation (bulkhead only; or bulkhead + partial shed)	Superstructure repair, but no or partial substructure repair; partial seismic upgrade (joint at shed)	Repair and improvement substantial portion of apron for public access and/or maritime use	Medium yield uses	Public attraction uses: museum/gallery, regional-serving indoor recreation, entertainment, specialty (local/maker) retail/manufacture	Entire ground floor of bulkhead building; portions of shed and/or upper floor bulkhead	Short term (Flexibility to change uses)
	No rehabilitation, but tenant improvements, maintenance of some/all buildings	No major repairs or seismic upgrades, but tenant improvements, maintenance of some/all buildings.	Limited public access/maritime use, as can be supported by existing condition of apron with minor repairs	Low yield uses	General retail, institutional uses, government uses	Portion of ground floor of bulkhead.	Intermediate term (Less flexibility to change uses)
Leas Desirable	Vacant, deterioration	Vacant, deterioration	No public access/maritime use of apron	Non- revenue generating uses	Private Uses (general office; R&D)	None	Long term (Least flexibility to change uses)
The level at which these objectives are set determines the required level of trust revenue/investment					The required level of tr to solve for the quality purposes, for each cate	and quantity of uses	



### "Qualities" of uses can further trust purposes

- Serve or attract visitors from the broader region/state
- Water-dependent or oriented to the Bay
- Attract many (rather than few) people to the waterfront
- Provide opportunity to view/experience maritime historic architecture and maritime history



### PIER 1

	Historic Preservation of the Trust Asset	Seismic/Life Safety Improvements to the Trust Asset	Exterior Public Access and/or Maritime	Trust revenue/ investment	Interior Uses Serving Trust Purposes - quality	Interior Uses Serving Trust Purposes – quantity	Lease Term
Most Desirable	Full historic rehabilitation to Sec. Int. Standards	Full substructure and superstructure repair and seismic upgrade	Full repair and improvement of apron for public access and/or maritime use	High yield uses	Traditional trust uses: maritime office, visitor-serving retail/restaurant, water-related recreation, public access	Entire bulkhead building and pier shed	Public use, No lease (Most flexibility to change uses to meet trust objectives)
	Partial historic rehabilitation (bulkhead only; or bulkhead + partial shed)	Superstructure repair, but no or partial substructure repair; partial seismic upgrade (joint at shed)	Repair and improvement substantial portion of apron for public access and/or maritime use	Medium yield uses	Public attraction uses: museum/gallery, regional-serving indoor recreation, entertainment, specialty (local/maker) retail/manufacture	Entire ground floor of bulkhead building; portions of shed and/or upper floor bulkhead	Short term (Flexibility to change uses)
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		nese objectives are set st revenue/investmer			The required level of tro to solve for the quality purposes, for each cate	and quantity of uses	



### **EXPLORATORIUM, PIER 15-17**

Most Desirable	Historic Preservation of the Trust Asset Full historic	Seismic/Life Safety Improvements to the Trust Asset Full substructure	Exterior Public Access and/or Maritime Full repair and	Trust revenue/ investment  High yield	Interior Uses Serving Trust Purposes - quality  Traditional trust uses:	Interior Uses Serving Trust Purposes – quantity Entire bulkhead	Lease Term  Public use, No
	rehabilitation to Sec. Int. Standards	and superstructure repair and seismic upgrade	improvement of apron for public access and/or maritime use	uses	maritime office, visitor-serving retail/restaurant, water-related recreation, public access	building and pier shed	lease (Most flexibility to change uses to meet trust objectives)
	Partial historic rehabilitation (bulkhead only; or bulkhead + partial shed)	Superstructure repair, but no or partial substructure repair; partial seismic upgrade (joint at shed)	Repair and improvement substantial portion of apron for public access and/or maritime use	Medium yield uses	Public attraction uses: museum/gallery, regional-serving indoor recreation, entertainment, specialty (local/maker) retail/manufacture	Entire ground floor of bulkhead building; portions of shed and/or upper floor bulkhead	Short term (Flexibility to change uses)
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		hese objectives are set ist revenue/investmen			The required level of tre to solve for the quality purposes, for each cate	and quantity of uses	

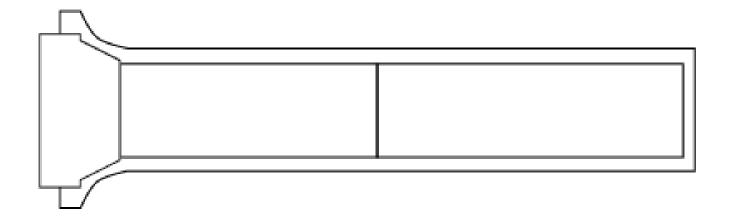


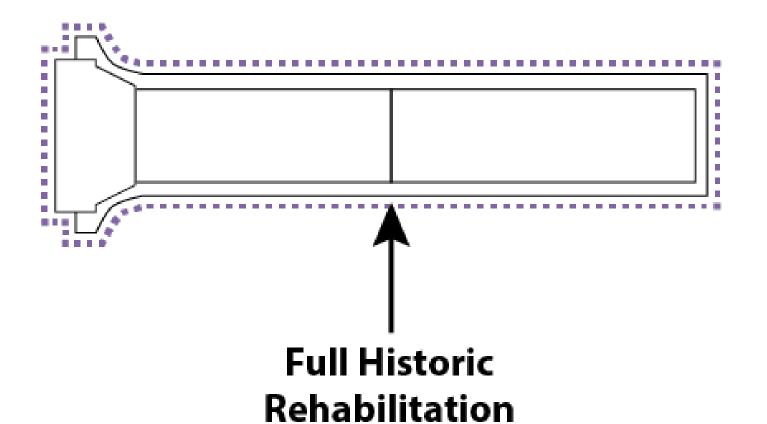
### PIER 9 Leases (multi-tenant maritime + non-maritime)

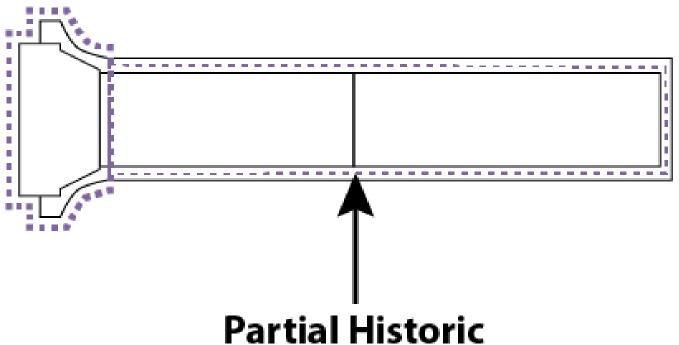
Most Desirable	Historic Preservation of the Trust Asset  Full historic rehabilitation to Sec. Int. Standards	Seismic/Life Safety Improvements to the Trust Asset  Full substructure and superstructure repair and seismic upgrade	Exterior Public Access and/or Maritime  Full repair and improvement of apron for public access and/or	Trust revenue/ investment High yield uses	Interior Uses Serving Trust Purposes - quality  Traditional trust uses: maritime office, visitor-serving retail/restaurant,	Interior Uses Serving Trust Purposes – quantity Entire bulkhead building and pier shed	Public use, No lease (Most flexibility to change uses to
	Partial historic rehabilitation (bulkhead only; or bulkhead + partial shed)	Superstructure repair, but no or partial substructure repair; partial seismic upgrade	Repair and improvement substantial portion of apron for public access and/or maritime use	Medium yield uses	water-related recreation, public access  Public attraction uses: museum/gallery, regional-serving indoor recreation, entertainment, specialty (local/maker)	Ground floor of bulkhead building; portions of shed and/or upper floor bulkhead	meet trust objectives)  Short term for non-maritime (Flexibility to change uses)
	No rehabilitation, but tenant improvements, maintenance of some/all buildings	(joint at shed)  No major repairs or seismic upgrades, but tenant improvements, maintenance of some/all buildings.	Limited public access/maritime use, as can be supported by existing condition of apron with minor repairs	Low yield uses	retail/manufacture  General retail, institutional uses, government uses	Portion of ground floor of bulkhead.	Intermediate term for maritime (Less flexibility to change uses)
Least Decirable	Vacant, deterioration	Vacant, deterioration	No public access/maritime use of apron	Non- revenue generating uses	Private Uses (general office; R&D)	None	Long term (Least flexibility to change uses)
		hese objectives are set ist revenue/investmen			The required level of tru to solve for the quality purposes, for each cate	and quantity of uses	



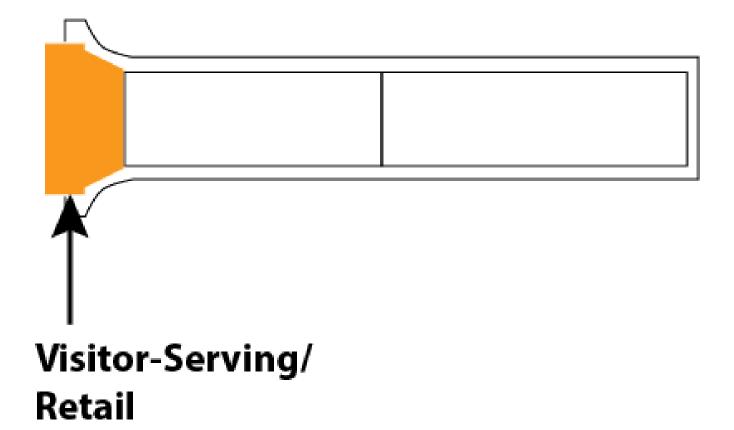
## Historic Pier Rehabilitation: Objectives and Uses

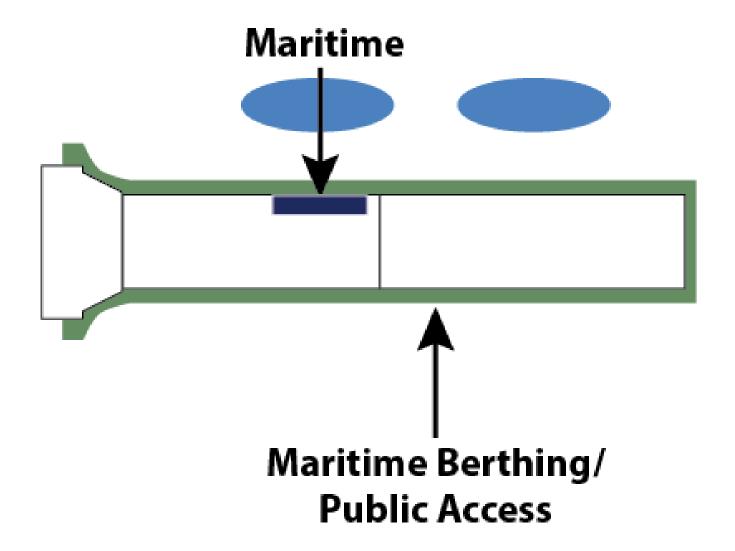


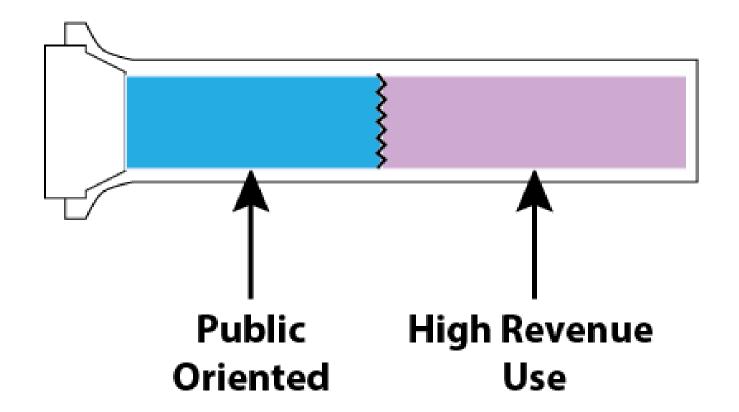




Partial Historic Rehabilitation



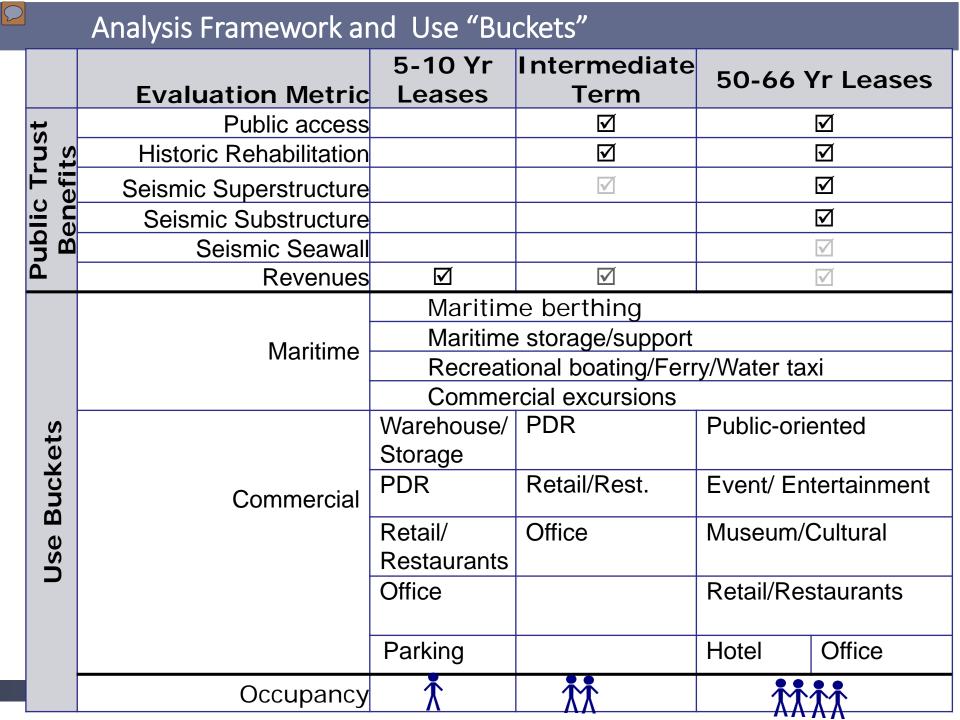






# Scope of the Analysis

- Analysis framework and "buckets" of uses
- Pier repair and rehabilitation costs (good and worse condition)
- Market analysis to set rental rate assumptions
- Review scenarios to be analyzed
  - Long-term/development leases
  - Hotel trust use layout/potential
  - Intermediate-term leases
- Next Steps





### Pier Repair and Rehabilitation Cost Estimates

- Engineering
  - Substructure Seismic repair
  - Superstructure Seismic repair and utilities replacement
- Architecture
  - Historic features rehab. (windows, architectural details)
- Good condition and Worse condition



### Pier Repair and Rehabilitation Cost Estimates

- Engineering
  - Substructure Seismic repair
  - Superstructure Seismic repair and utilities replacement
- Architecture
  - Including historic features (windows, doors)
- Estimates for Piers in Good condition and Worse condition

# **Cost Estimates - Preliminary**

Cost Item	5-10 Yr		diate Term	Long-term Lease		
		Mid-range Investment	High-range Investment	Better	Worse Condition	
Substructure Repair, Seismic, Apron	\$0	\$0	\$25.0	\$27.9	\$37.8	
Superstructure Repair and Seismic	0	3.0	3.0	21.1	43.7	
Utilities	0	2.0	2.0	11.6	11.6	
Tenant Improvement	0	O	O	3.8	3.8	
Soft Costs	0	O	O	19.6	26.1	
Other Costs	0	0	O	<u>7.7</u>	<u>9.7</u>	
Total Costs	\$0	\$5.0	\$30.0	\$91.8	\$132.6	
\$/Sq.Ft.	\$0	\$50	\$300	\$610	\$880	

# **Net Costs - Preliminary**

Net Costs	5-10 yr		iate Term 00 Gross able )	Long-term Lease (~150,000 Gross leasable)		
		Mid-range Investment	High-range Investment	Better Condition	Worse Condition	
Total Costs	\$0	\$5.0	\$30.0	\$91.8	\$132.6	
(less) Historic Tax Credits	\$0	0	0	(14.2)	(21.3)	
(less) IFD proceed	<u>\$0</u>	<u>0</u>	<u>0</u>	<u>(8.5)</u>	(12.2)	
Net Cost	\$0	\$5.0	\$30.0	\$69.2	\$99.0	
\$/Sq.Ft.		<b>\$50</b>	\$300	\$460	\$660	



# Real Estate Market Assessment

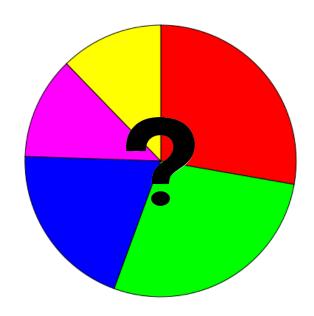
### **Waterfront Submarkets**

- Waterfront/North Beach
- Jackson Square
- Financial District
- South Financial District
- Rincon/South Beach
- Mission Bay/China Basin
- India Basin

### Land Use Types

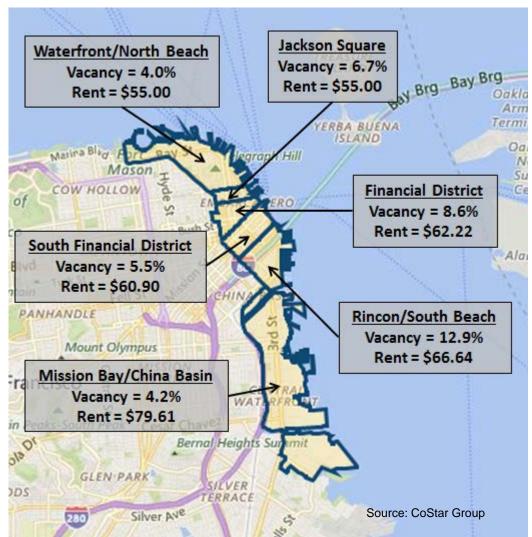
- Office
- Retail
- Industrial/PDR
- Cultural/Public-Oriented
- Hotel

# Market Study Goal: Assess rents and other market factors to inform potential mix of uses



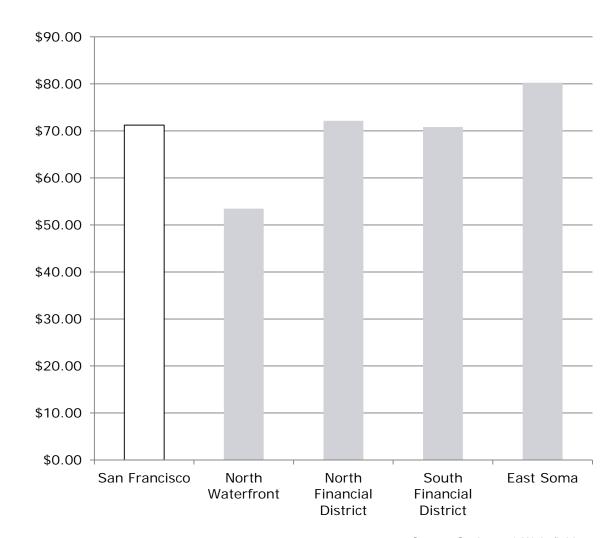
Class A Office Rents and Vacancy by Submarket

- Highest waterfront rents in Mission Bay/ China Basin and Rincon/South Beach
- Lowest waterfront vacancy rates in Waterfront/North Beach and Mission Bay/China Basin



# Class A Office Rents Cushman & Wakefield Perspective

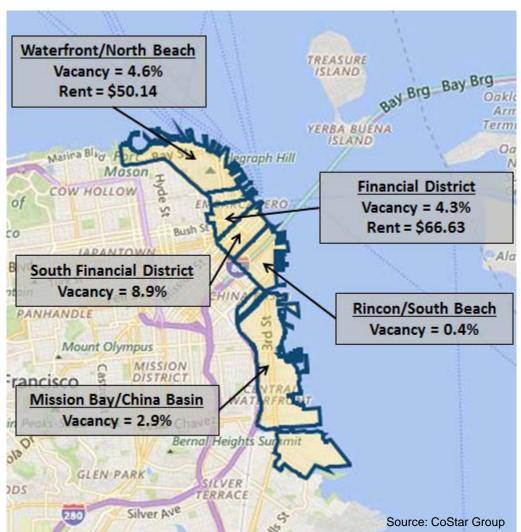
- C&W data reveal somewhat higher rent potential
- Trend data
   indicate
   average asking
   rents have
   continued to
   increase but
   rent growth
   has slowed in
   recent years



### Q

# Retail Rents and Vacancy by Submarket

- Relatively high vacancy rate in South Financial District
- Very low vacancy rate in Rincon/South Beach
- According to C&W, citywide vacancy and rents remain strong:
  - Rent = \$58.70
  - Vacancy = 2.4%





Industrial/PDR Rents and Vacancy

by Submarket

 Rents by submarket range from \$24-\$54 (full service)

- Rents are highest in the Port's northern submarkets
- Limited inventory available overall
- According to KM, citywide Rental Rate \$18 (NNN)





### **Waterfront Hotel Market**

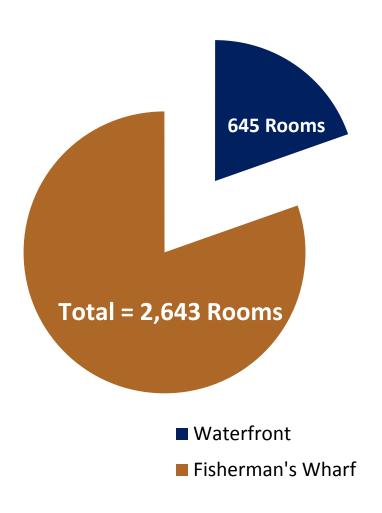
### **Competitive Set**

"Upper Upscale" Hotels

Group 1
4 Waterfront
Hotels
Subgroup 2
4 Waterfront
Hotels
+ 7 Hotels in
Fisherman's
Wharf



# **Hotels in the Competitive Set**



### **Waterfront Hotels:**

- 1. Argonaut Hotel
- 2. Harbor Court Hotel
- 3. Hotel Griffon
- 4. Joie De Vivre Hotel Vitale

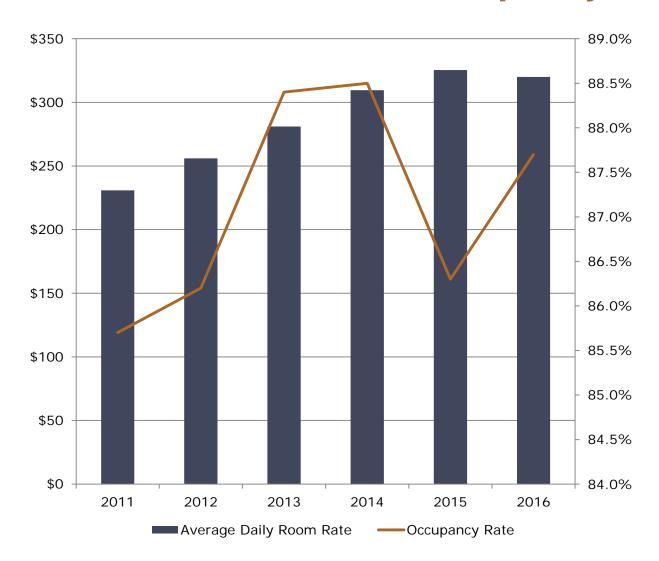
# Fisherman's Wharf Hotels (subgroup):

- 1. Hotel Zephyr
- 2. Marriott SF Fisherman's Wharf
- 3. Sheraton Fisherman's Wharf Hotel
- 4. The Wharf Inn
- 5. Hyatt Centric Fisherman's Wharf Hotel
- 6. Pier 2620 Hotel Fisherman's Wharf
- 7. The Tuscan Fisherman's Wharf

Source: STR Report

### **Waterfront Hotel Room Rates and Occupancy**

- Occupancy rates remain very strong at over 85%
- Room rates beginning to taper off
- Waterfront
   hotels have a
   robust
   average daily
   room rate of
   about \$320



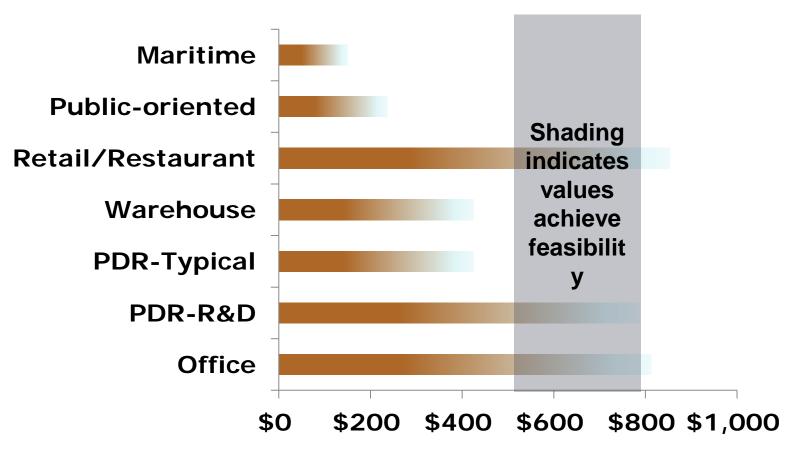
Source: STR Report



### **Cultural / Public-Oriented Uses**

- Space Usage Concepts include:
  - Public-oriented
  - Recreation
  - Museum
  - Assembly
- Significant variation in use concepts
- Projects likely to be one-of-a-kind use concepts
- Cultural/Public-oriented uses are not "commodity" real estate assets; market data assessment and valuation is challenging

# Long-term Development Costs and Revenues Compared



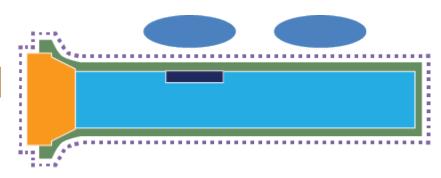
\$ in Net Costs or Market value, per Gross Leasable Sq. Ft.



# Feasibility Analysis – Test Scenarios

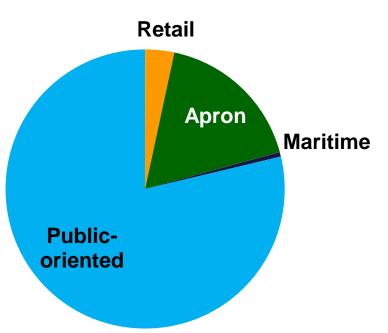
- Public-Private Partnership model
- Long-term Leases
  - Max Trust/Public-oriented use (subsidy)
  - Financially feasible Trust/ Public-oriented use (no subsidy)
  - High-revenue use → Produce Harbor Fund
     revenues

# Scenario 1: All Trust/ Public-oriented Uses



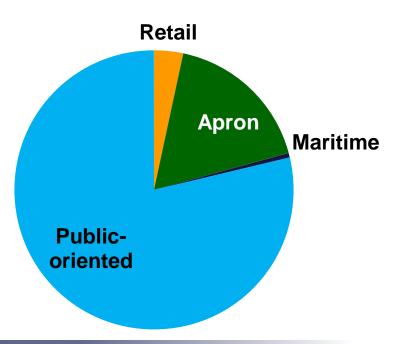
### **Good Condition Pier:**

Requires ~ \$30M Subsidy



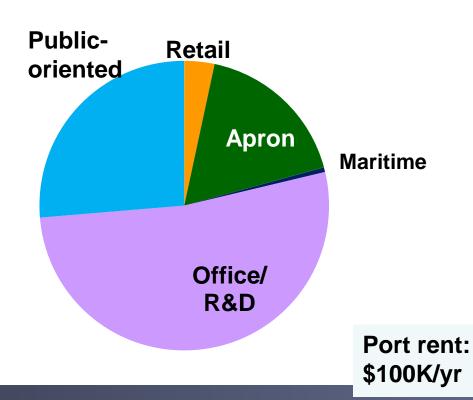
### **Worse Condition Pier:**

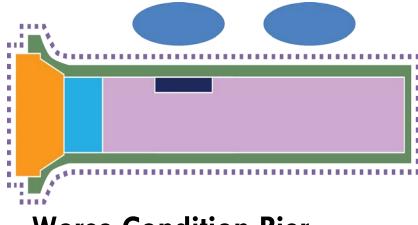
Requires ~ \$60M Subsidy



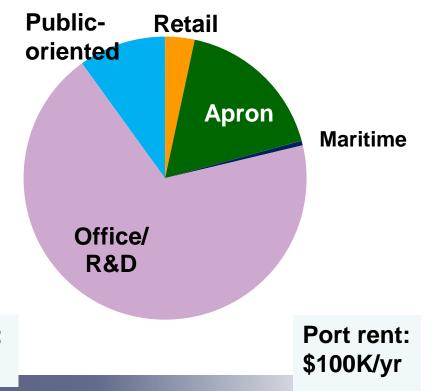
# Scenario 2: Feasible public- oriented use program

### **Good Condition Pier**

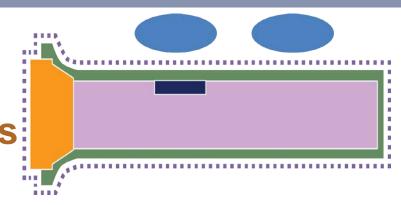




**Worse Condition Pier** 

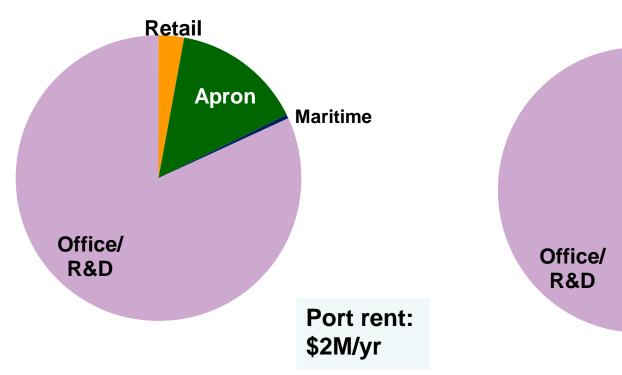


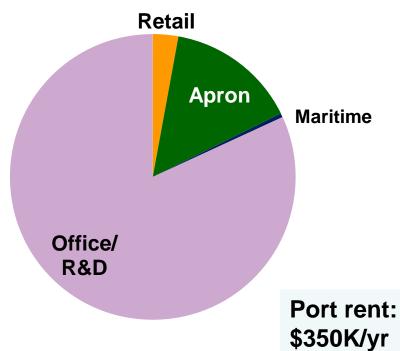
# Scenario 3: Maximize Revenues for Port-wide Capital Improvements



### **Good Condition Pier**

### **Worse Condition Pier**

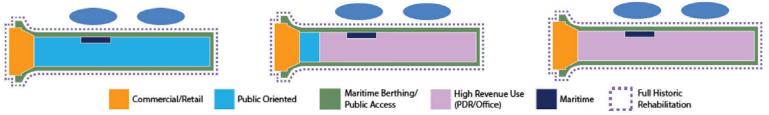






#### Waterfront Plan Land Use Subcommittee

Analysis of Rehabilitation Options for Embarcadero Historic District Piers – March 22, 2017



Long-term pier lease/de	velopment	-		A transference	-	
Scenario 1  Maximum public oriented int maximum historic rehabilitat	erior uses &	Scenario 2 Minimum Port rent with max oriented interior uses & max rehabilitation/repair		Scenario 3  Maximum high-revenue interior uses & maximum historic rehabilitation/repair		
Estimated cost: \$90-\$13	5 million	Estimated cost: \$90-\$1	50 million	Estimated cost: \$100-\$15	0 million	
Trust characteristics Bulkhead commercial/retail Apron repair for berths/public acce Complete Historic Rehabilitation Full Sub/super-structure repair Maritime berthing and operations Maximum public/low-revenue use		Trust characteristics  Bulkhead commercial/retail  Apron repair for berths/public access  Complete Historic Rehabilitation  Full Sub/super-structure repair  Maritime berthing and operations  Maximum public/low-revenue use in shed (with \$0 or minimum Port rent		Trust characteristics  Bulkhead commercial/retail  Apron repair for berths/public access  Complete Historic Rehabilitation  Full Sub/super-structure repair  Maritime berthing and operations  Maximum revenue generation use in shed		
Historic Preservation	†‡‡‡	Historic Preservation	†‡‡‡	Historic Preservation	† <b>†</b> ‡‡	
Seismic Repair	<b>†</b> ‡ <b>†</b> ‡	Seismic Repair	<b>\$\$\$</b> \$	Seismic Repair	ŮŮŮŮ	
Maritime berthing/public access	1111	Maritime berthing/public access	1111	Maritime berthing/public access	<b>↓</b> ↓†	
Interior trust uses	ŮŮŮŮ	Interior trust uses	ŮŮ	Interior trust uses	Ţ	
Lease Term	Ţ	Lease Term	Ţ	Lease Term		
Port Revenue	N/A	Port Revenue	Ů	Port Revenue	ŮŮ	
Occupancy		Occupancy		Occupancy		



# **Hotel Physical Feasibility Test**

## **Constraints**

- Historic character defining features
- Pier length
- Light

## **Opportunities**

- One-of-a-kind location
- Spectacular views
- Water access

### PRELIMINARY HISTORIC RESOURCES ANALYSIS

#### **CONSTRAINTS**

CHARACTER DEFINING FEATURES
TO BE RETAINED

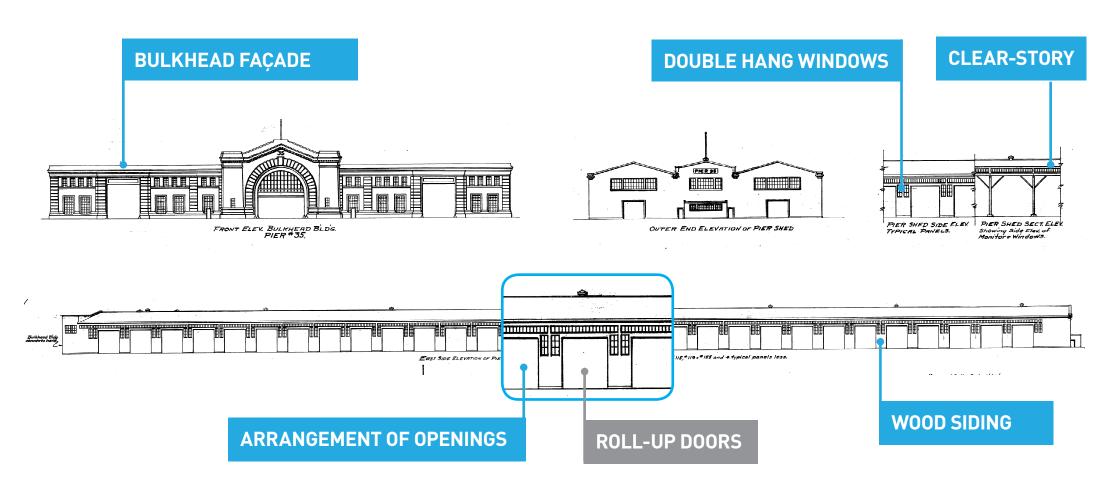
#### **EXTERIOR**

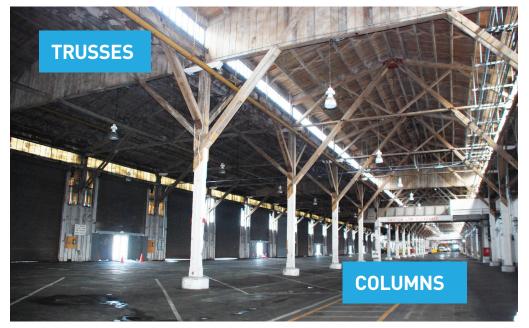
- THE BULKHEAD FAÇADE
- HORIZONTAL WOOD SIDING
- MULTI-LITE DOUBLE HUNG AND CLEAR-STORY WINDOWS
- ARRANGEMENT OF OPENINGS
- ROLL-UP DOORS (POTENTIAL)\*

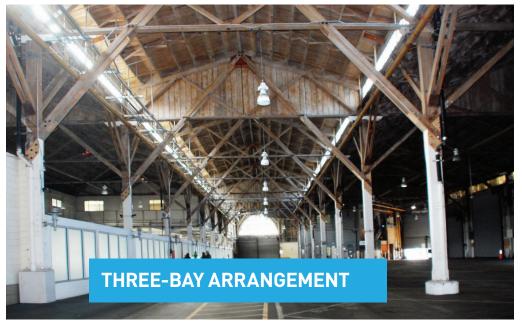
#### **INTERIOR**

- TRUSSES
- COLUMNS WITH DIAGONAL STRUTS
- THREE BAY ARRANGEMENT
- MEZZANINE WALKWAY ALONG THE SOUTH SIDE OF PIER SHED (UNIQUE TO PIER 35)\*

\*DENOTES FEATURES THAT POTENTIALLY NEED TO BE RETAINED OR THAT ARE UNIQUE TO PIER 35







## EXAMPLE MODIFICATIONS TO INTERIOR SPACE

#### PIER 9

MIXED-USE BUILDING

- EXPOSED STRUCTURE AT CENTRAL AISLE
- CLEAR-STORY BRINGS
   NATURAL LIGHT INTO THE
   CENTRAL AISLE
- TWO STORY OFFICES
  LOCATED WITHIN THE SIDE
  AISLES.
- UNDERUTILIZED SPACE AT THE END OF THE PIER



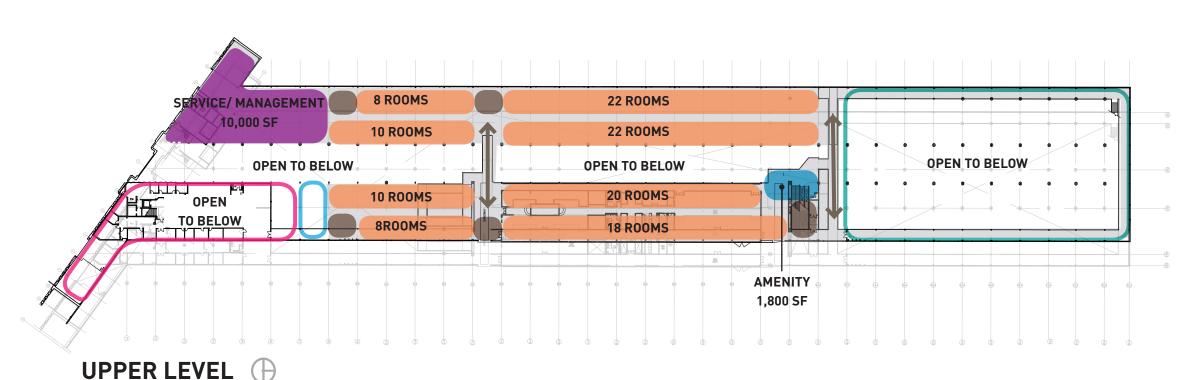




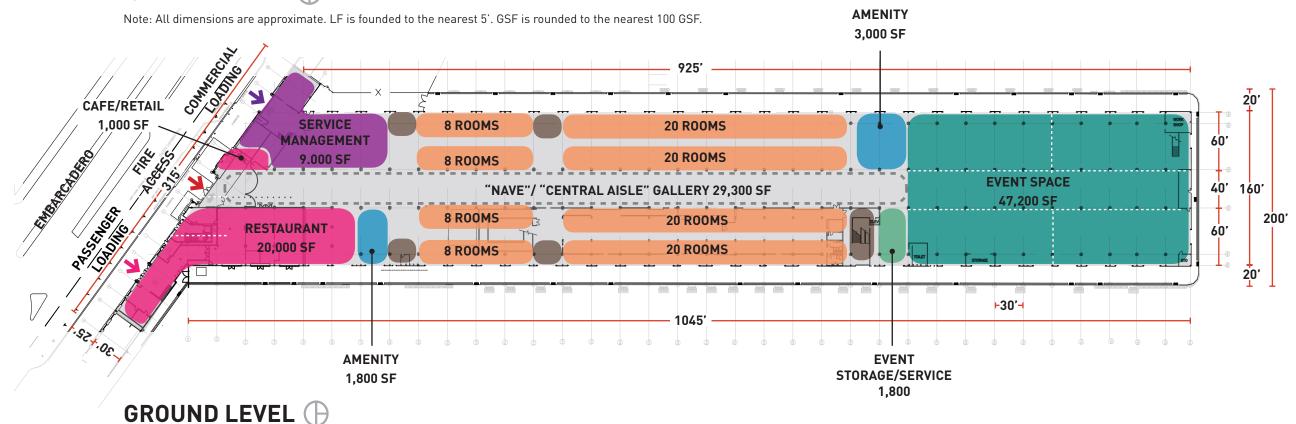




## POTENTIAL HOTEL LAYOUT ON PIER 35



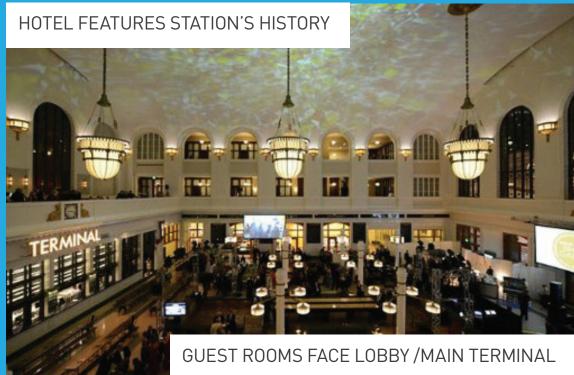
DD00D4146	00011110		T0T41
PROGRAMS	GROUND LEVEL	UPPER LEVEL	TOTAL
	GSF	GSF	GSF
	(ROOMS)	(ROOMS)	(ROOMS)
GUEST ROOMS	43,700	46,000	89,700
(TYP 26'x15')	(112)	(118)	(230)
RESTAURANT	20,000	-	20,000
CAFE OR RETAIL	1,000	-	1,000
SERVICE/	9,000	10,000	19,000
MANAGEMENT	·		
AMENITY	4,800	1,800	6,600
EVENT SPACE	47,200	-	47,200
EVENT STORAGE/ SERVICE	1,800	-	1,800
"NAVE/ CENTRAL AISLE" GALLERY	29,300	-	29,300
CIRCULATION	14,000	-	14,000
	170,800	57,800	228,600
PIER 35 FOOTPRINT			210,300
BUILDING FOOTPRINT			169,000

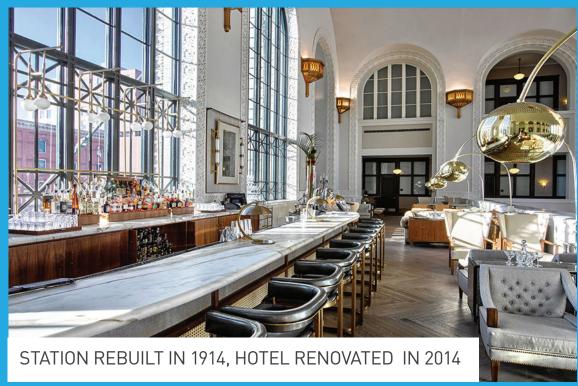


Note: All dimensions are approximate. LF is founded to the nearest 5'. GSF is rounded to the nearest 100 GSF.

## PRECEDENT - HOTEL USE OF HISTORIC STRUCTURES









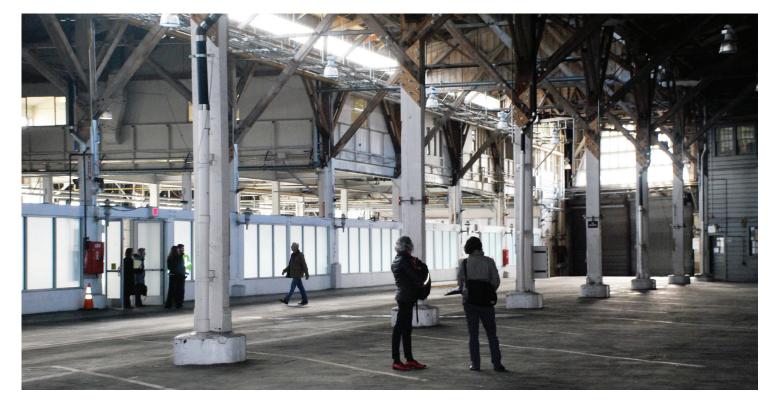
TOTAL 112 ROOM, EACH WITH HIGHLIGHTS OF HISTORIC ELEMENT

**CRAWFORD HOTEL - UNION STATION, DENVER** 

## OTHER FACTORS TO CONSIDER

#### **TOPICS THAT REQUIRE FURTHER STUDIES**

- SEISMIC UPGRADES (PIER BUILDING AND SUBSTRUCTURE)
- BUILDING RESILIENCY AGAINST SEA LEVEL RISE (PIER BUILDING AND SUBSTRUCTURE)
- UTILITY UPGRADE
- MEP UPGRADE
- FIRE ALARM & SPRINKLER SYSTEM UPGRADE
- INSULATION OF THE BUILDING
- FIRE ACCESS
- ACCESSIBILITY
- SUSTAINABILITY



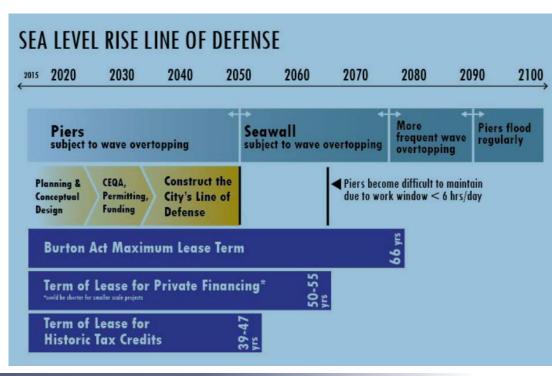




# Intermediate Lease Term

#### Rationale to Analyze Intermediate Lease Terms

- Long lead time for long-term leases
- Port RE leasing needs:
  - + SLR
  - + Pier deterioration
  - Need for more nimble leasing and capital investment strategies



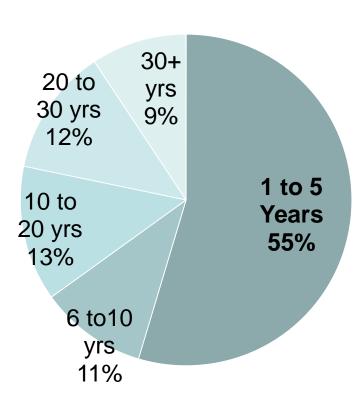


## **Intermediate Lease Term**

# Benefits over short-term lease drawbacks:

- Typically low-revenue storage uses
- Limited/no pier repairs
- More exposure to market downturns
- Diversifies and strengthens
   Port's revenue streams;
   55% of Port lease revenue
   from 0-5 year leases

# Port Revenue, by Lease Term

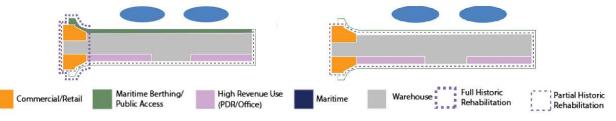


## **Intermediate Lease Term Scenarios**

- \$5M to \$30M pier investments tested
- Scenarios assume Tenant(s) make investment
- Research underway relative to:
  - Bank loans to Tenants for leasehold improvements
  - Real estate brokers, to identify tenant types with wherewithal to undertake these investments



## Analysis of Rehabilitation Options for Embarcadero Historic District Piers March22,2017



Intermediate term					
Scenario 1  Moderate historic rehabilitation/repair & tenant investment		Scenario 2 Limited historic rehabilitation/repair & tenant investment			
Estimated cost: \$15-\$30 million		Estimated cost: \$5-15 million			
Trust characteristics Bulkhead commercial/retail Limited apron repair/reuse Repairs (arrest deterioration) & bulkhead rehabilitation Bulkhead sub-structure repair, limited superstructure repair Warehouse and PDR uses (keep shed occupied)		Trust characteristics Bulkhead commercial/retail No apron repair/reuse Repairs (arrest deterioration) Limited superstructure repair Warehouse and PDR uses (keep shed occupied)			
Historic Preservation:	111	Historic Preservation	ŮŮ		
Seismic Repair	ůůů	Seismic Repair	Ů		
Maritime berthing/public access	<b>ŮŮŮ</b>	Maritime berthing/public access	ŮŮ		
Interior trust uses	ŮŮ	Interior trust uses	ŮŮ		
Lease Term	TBD	Lease Term	TBD		
Port Revenue	Ů	Port Revenue	ψţ		
Occupancy		Occupancy			



### **Questions & Discussion**

## **April 12<sup>th</sup> Land Use Subcommittee Meeting:**

- Complete analysis for Intermediate-term Lease and Hotel scenarios
- Continuation of Leasing and Development Discussions, including State Lands Executive Officer Jennifer Lucchesi

# Land Use - All

