City of Richmond
Officer Bradley A. Moody Memorial Underpass

April 11, 2012
TEAM INTRODUCTIONS

Project Oversight and Approval
City of Richmond
Formally Richmond Community Redevelopment Agency

Construction Managers and Oversight
The Hanna Group

Public Outreach
J Majors & Associates

Design Engineers
BKF Engineers
Biggs Cardosa and Associates
Gates & Associates
Project Objectives

- Grade separation of Marina Bay Parkway & the Railroad Crossing via an Underpass along Marina Bay Parkway
- Enhanced Safety, Decreased Traffic Delays, and Emergency Response Time
- Underpass will be dedicated to Officer Bradley A. Moody

Project Status

- Design Completed
- Project In Bid Circulation to Select Contractor
Additional Project Features

- Multi-modal Circulation
  - Two Vehicular Lanes in Each Direction
  - West Side
    - 10’ shared pedestrian / bicycle path from Meeker Ave to Jetty Drive
    - 5’ bicycle lane from Jetty Drive to Regatta Blvd
  - East Side
    - 10’ shared pedestrian / bicycle path from Regatta Blvd to Meeker Ave
  - Marina Bay Parkway / Meeker Ave Intersection
    - Crosswalks at each leg of intersection
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Typical Roadway Cross Section

Vertical Clearance
16’9” Vehicular
10’ Pedestrian

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Construction Methods

- Major Utility Relocations – PG&E, AT&T and EBMUD
- Deep Soil Mix Walls with Large Drilling Equipment
- Railroad Track Closures
  - Weekday Closures
    - Wednesday, Thursday and Friday
    - 7 am to 5 pm
  - Weekend Closures
    - Saturday noon to Monday 8 am
    - Night work
Construction Methods

- Roadway Closure of Marina Bay Parkway from Jetty Drive/Pierson Drive to Meeker Avenue
  - 18 month closure
  - Project duration reduced by 1 year
  - Cost savings for landscaping and aesthetic enhancements
  - Community Consensus

- Temporary Circulation
  - Relocated Access at Pierson Drive
  - One Lane Stop Control at Jetty Drive
  - Marina Bay Parkway Roadway Detour
    - Via Regatta Blvd, Marina Bay South and Wright Ave
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Construction Methods

- Roadway Closure of Marina Bay Parkway from Jetty Drive/Pierson Drive to Meeker Avenue
  - 18 month closure
  - Temporary Circulation
    - Marina Bay Parkway Roadway Detour
      - Via Regatta Blvd, Marina Bay South and Wright Ave
    - Meade Street Bypass
      - Award Construction May 2012
      - Completion October/November 2012
      - Operational Prior to Marina Bay Parkway Closure
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Construction Methods

- Major Utility Relocations – PG&E, ATT and EBMUD
- Deep Soil Mix Walls with Large Drilling Equipment
- Roadway Closure of Marina Bay Parkway from Jetty Drive/Pierson Drive to Meeker Avenue
  - Public Information Program
    - Project Updates
    - 2 week Notification of Roadway Closures and Modifications
- Culturally Sensitive Area Requiring Monitoring During Construction
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CULTURALLY SENSITIVE AREA

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Aesthetic/ Landscaping Elements

- Base Bid Construction
  - Wall Texturing
  - Community Identification on Underpass
  - Pedestrian Lighting
  - Safety Railing and Fencing
  - Landscaping
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DAY TIME ELEVATION
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NIGHT TIME ELEVATION

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Aesthetic/ Landscaping Elements

- Additional Construction Features – Add Alternates for Bidding
  - Specialized Railing and Fencing
  - Site Furnishings
  - Expansive Landscaping
  - Gateways
  - Memorial Identification
    - Memorial Wall
    - Podium
    - Pedestrian Amenities
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MEMORIAL UNDERPASS

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Additional Landscaping

Enhanced Landscaping
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GATEWAY FEATURES

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Project Schedule

- Contractor Selection
  - Receive Bids on April 24, 2012
  - Award Contractor in July 2012

- Construction
  - Utility Relocations On-going with Completion September 2012
  - Roadway Work Start Early Fall 2012
  - Roadway Closure Late Fall 2012
    - 18 month closure
  - Construction Completion Fall / Winter 2014
    - Weather Dependent
Project Information

- City Web Site

Contact Information

- City of Richmond
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    chadrick_smalley@ci.richmond.ca.us

- The Hanna Group
  - Nick Panayotou | (415) 717-9101 | nick@hannagrp.com
Presentation
Open to Questions