

**City of Manhattan Beach
Public Works Department**

**Sepulveda Bridge Widening: Project
Status / HDR Amendment No.2**

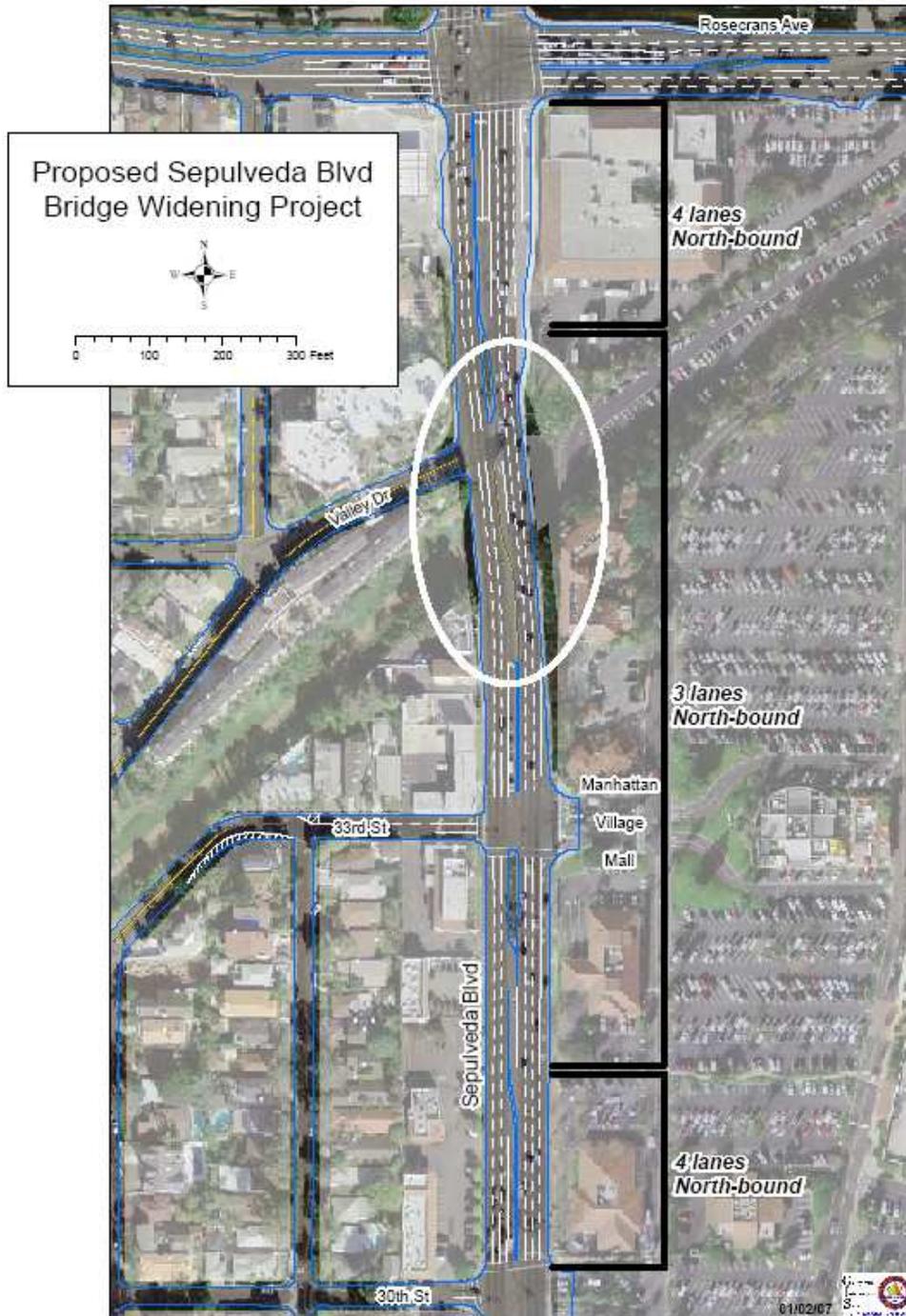
**City Council Meeting
February 16, 2016**



Presentation Overview

- Brief Background & Scope of Work
- Project Status / Schedule
- HDR Amendment No. 2
- Traffic Barrier Aesthetics





Location

- Between 33rd St. and Rosecrans Ave.
- NB 4th Lane ends at 33rd St. (Bottleneck)
- High Traffic Volumes
 - 71,100 per day
 - 5,100 peak hour



Major Project Tasks

- Preliminary Design - Completed
- Environmental Documentation - Completed
- Final Design
- Right-of-Way Acquisition
- Construction



Design

- Project Design is 100% complete
 - Plan check by City and Caltrans
- Final plans / specifications to be completed in March 2016
- Final Caltrans-approved bid package and ready to advertise (E76) – July 2016



Right-of-Way Acquisition

- Temporary Construction Easements (TCE)
Permanent and Maintenance Easements
 - Portions of four parcels and two smaller parcels on east-side of Sepulveda needed
 - Delayed due to negotiations
- All easements and agreements to come to City Council between March and July 2016



Construction

- Sepulveda to maintain 3 lanes in each direction during peak traffic hours
- Staff to issue RFP for Construction Management & Inspection services in March 2016. City Council in April/May 2016
- City to execute a cooperative agreement with Caltrans for construction oversight
 - City Council in April/May 2016



Project Schedule

- Final Bid Package: July 2016
- Permits & Approvals: July 2016
- Right-of-Way Acquisition: July 2016
- Advertisement & Bidding: August 2016
- Construction: Fall 2016 to early 2018



HDR Amendment No. 2

- Item 1: Additional Project Management, Meetings and Administration - \$90,969
 - Project delayed by 6 months due to securing access agreement for soil testing
 - Caltrans required Phase II environmental investigations
 - Delay caused need for additional project management, coordination, and administration

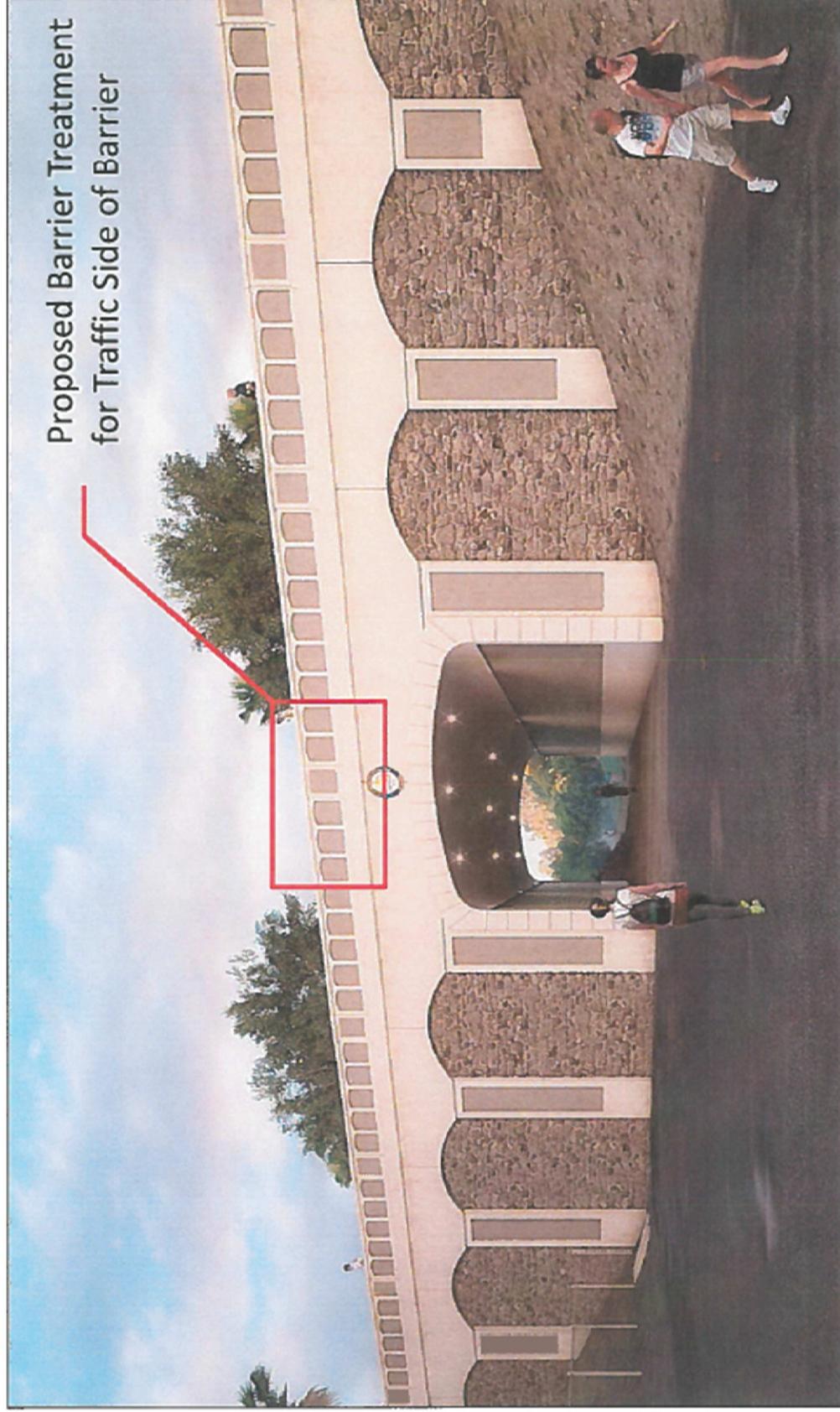


HDR Amendment No. 2

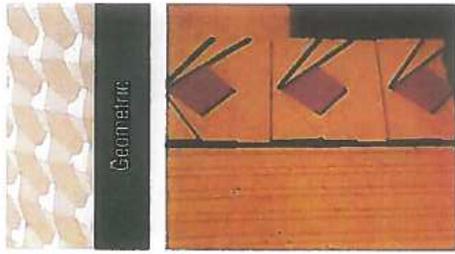
- Item 2: Right-of-Way and Utility Coordination - \$42,069
 - Additional coordination with property owners and stakeholders
 - Additional utility relocation coordination of gas line
- Item 3: Additional Structures Aesthetic Work and Detailing - \$14,950
 - Additional work involved to incorporate aesthetic barrier details into plans



Attachment 6 – Barrier Treatments



Other Treatments

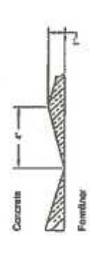
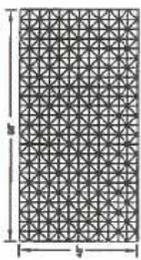


Pattern 17940
4-Sided Pyramid (Square Facet Faces)



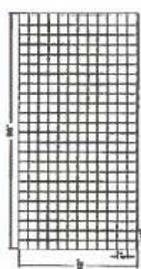
Description: Double-diamond pattern, 2" depth
Process: Vac-U-Form
Part Size: 36" W x 48" H
Comments/Material: 0.150 mil minimum, available in a radius pattern, 35.5" W x 32" H, 1/4" 84.5"

Pattern 17941
4-Sided Pyramid (Triangular Facet Faces)



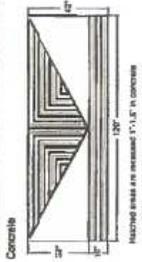
Description: Single-diamond pattern, 1" depth
Process: Vac-U-Form
Part Size: 36" W x 48" H
Comments/Material: 0.150 mil minimum

Pattern 17942
March Lanes 'V' Wave



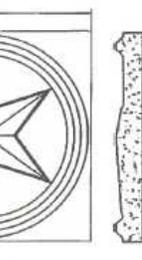
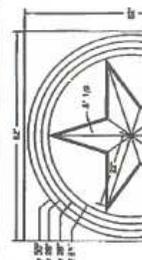
Description: V-wave, 1" depth
Process: Vac-U-Form
Part Size: 36" W x 48" H
Comments/Material: 0.150 mil minimum

Pattern 17946
Arizona Semian



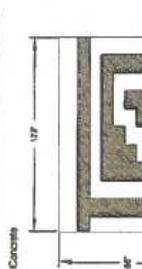
Description: Geometric pattern, 1" - 1.5" depth
Process: GrayLastic
Part Size: 120" W x 42" H
Comments/Material: Mold bonded to 0.75" plywood, (add 1.125" to tier thickness)

Pattern 17945
Texas Star



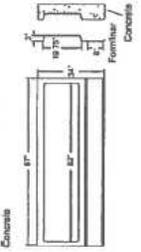
Description: Raised, beveled star inside a radius wheel, 2" depth from peak of star to back plate
Process: GrayLastic
Part Size: 62" W x 62" H
Comments/Material: Mold bonded to 0.75" plywood (add 1.125" to tier thickness)

Pattern 17944
Arizona Meza



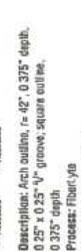
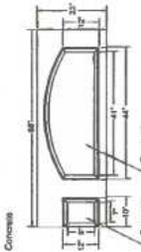
Description: Geometric pattern, 1.5" depth
Process: GrayLastic
Part Size: 120" W x 86" H
Comments/Material: Mold bonded to 0.75" plywood (add 1.125" to tier thickness)

Pattern 17935
Bridge Rail Veda Form



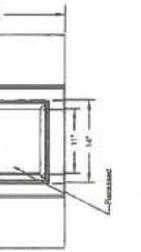
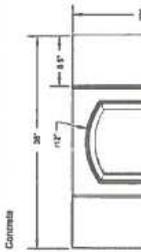
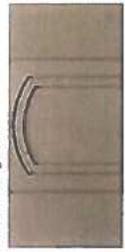
Description: 3" depth
Process: FiberLyte
Part Size: 87" W x 34" H
Comments/Material: Mail-up

Pattern 17938A
Custom Bridge Rail



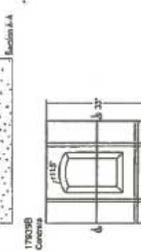
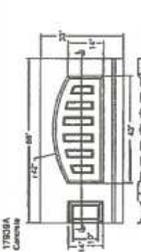
Description: Arch outline, r = 42", 0.375" depth, 0.25" x 0.25" 1/4" groove, square outline,
0.375" depth
Process: FiberLyte
Part Size: 65" W x 23" H

Pattern 17938B
Custom Bridge Rail



Description: Arch outline, r = 12", 0.375" depth
Process: FiberLyte
Part Size: 36" W x 23" H

Pattern 17939
Custom Bridge Rail A + B



Description: Arch outline, r = 42", Part B r = 11.5", both parts 4" depth
Process: FiberLyte
Part Size: Part A: 65" W x 33" H, Part B: 33" W x 33" H

1-10, Tucson, Arizona
Application: Civil-Infra
Formerly: Fitzgerald GrayLastic
Patent: No. 1752, Pueblo Deco
Contractor: Granite Construction Co., Tucson, AZ
Fitzgerald Formliners' GrayLastic, Vac-U-Form, and FiberLyte formliners are the perfect solution for creating geometric patterns. They provide unlimited design versatility for custom projects and special effects.
GrayLastic, Vac-U-Form, Vinyl-ak, FiberLyte and BrickMaster are Trademarks or Registered Trademarks of Fitzgerald Formliners, Inc.

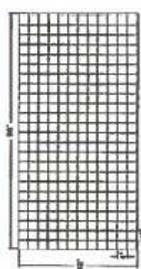


1.800.547.7760 www.formliners.com

* Any full pattern drawing can be downloaded in AutoCAD format from our website.

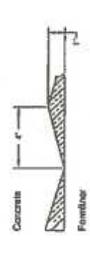
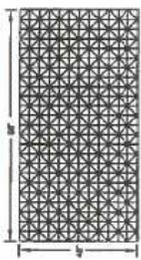
Forming The Future™

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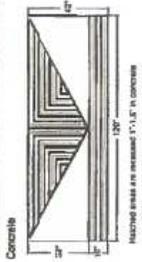
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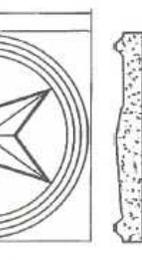
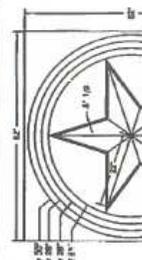
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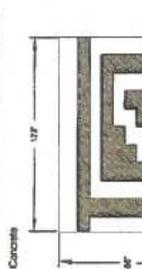
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Recommendation

- 1) Approve HDR's Contract Amendment No.2
- 2) Authorize City Manager to execute contract amendment
- 3) Select barrier treatment for traffic-side of bridge to match proposed outside barrier treatment



Thank You!

