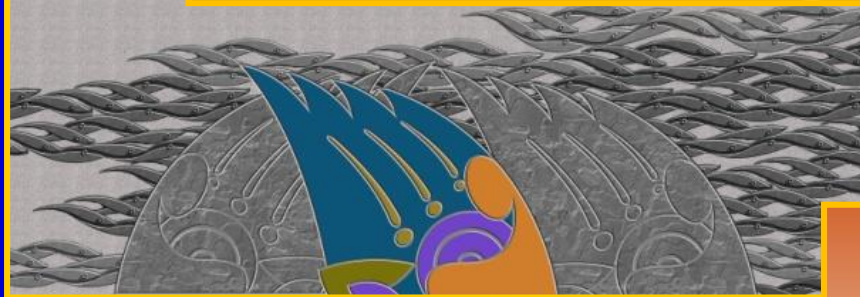


I-710 Corridor Aesthetic Master Plan

Aesthetic Conceptual Theme Development





I-710 Corridor Aesthetic Master Plan

Developing Aesthetic Treatment Options and Themes

Structural Design Elements: Aesthetic Hardscape Components

The following are structural design elements within a highway corridor that could have theme or aesthetic treatment to and items which Caltrans has previously designed aesthetics for statewide. Examples of Caltrans designed structural design elements are presented in the following pages and include:

- Bridge Structures
 - Overcrossings (OC)
 - Undercrossings (UC)
 - Pedestrian OC/UC
 - Viaducts
 - Interchanges
- Bridge Abutment Faces
- Bridge Columns/Bents
- Outrigger Bents
- Bridge Barriers
- Light fixtures
- Slope Paving
- Wing Walls
- Sound Walls
- Sound Wall Pilasters
- Retaining Walls
- MSE Walls

IV. Conceptual Corridor Aesthetics Modern Theme

During the course of this process it has been determined the “Modern Theme” will be the concept for the I-710 corridor. Conceptual images representing the “Modern Theme” for all structural elements as described previously is portrayed in the following pages. Further detail of these elements will need to be documented and have concurrence by Caltrans, Metro and the Cities throughout each stage of the project.



Rte 710 Corridor Aesthetic Master Plan

Conceptual Ramp Design @ Overcrossing – Modern Theme



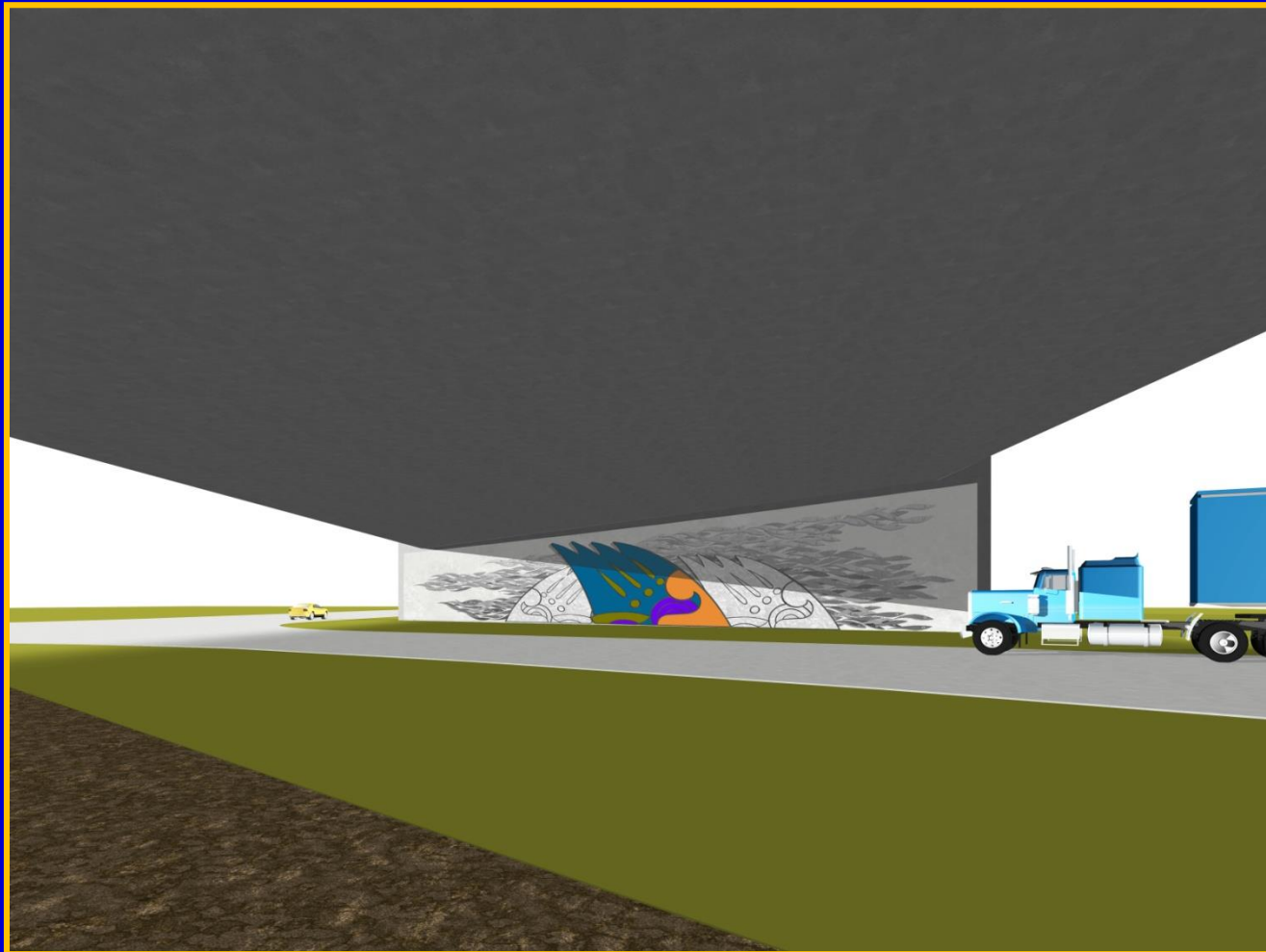
Rte 710 Corridor Aesthetic Master Plan

Conceptual Bridge Metal Light Standard Design - Modern Theme



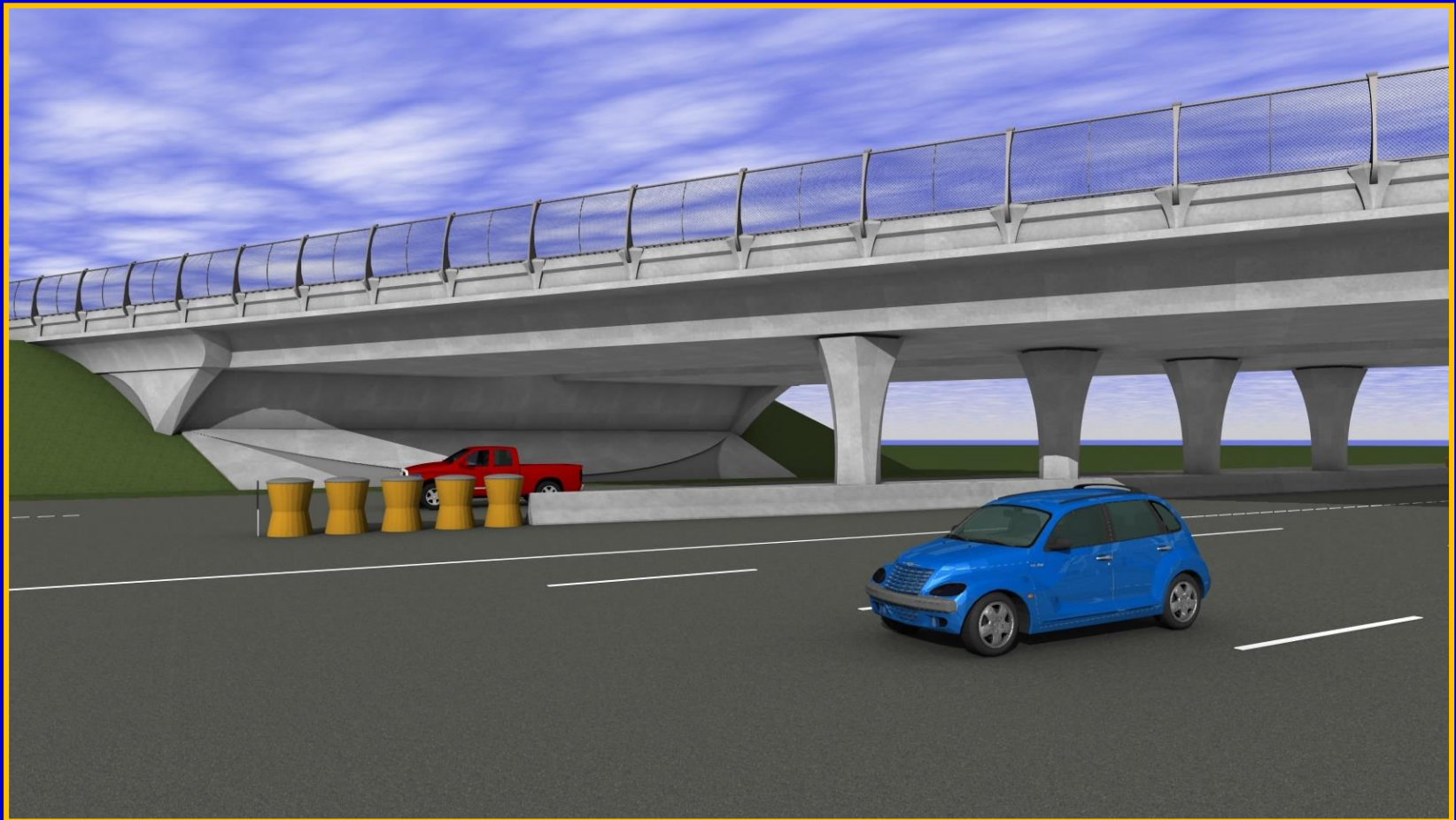
Rte 710 Corridor Aesthetic Master Plan

Conceptual Bridge Abutment Abstract Design - Modern Theme



Rte 710 Corridor Aesthetic Master Plan

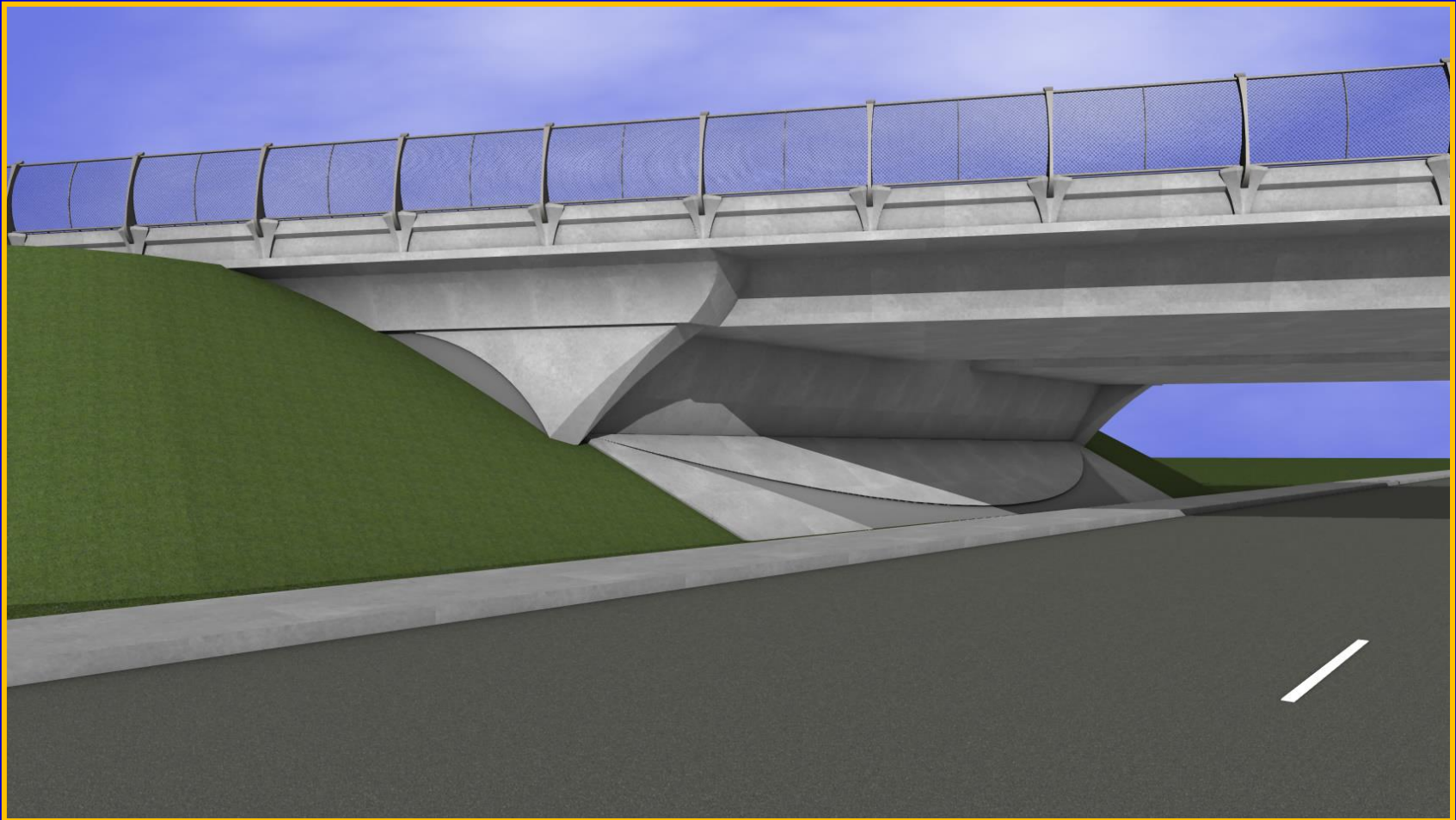
Conceptual Bridge Abutment/Retaining Wall Design – Modern Theme





Rte 710 Corridor Aesthetic Master Plan

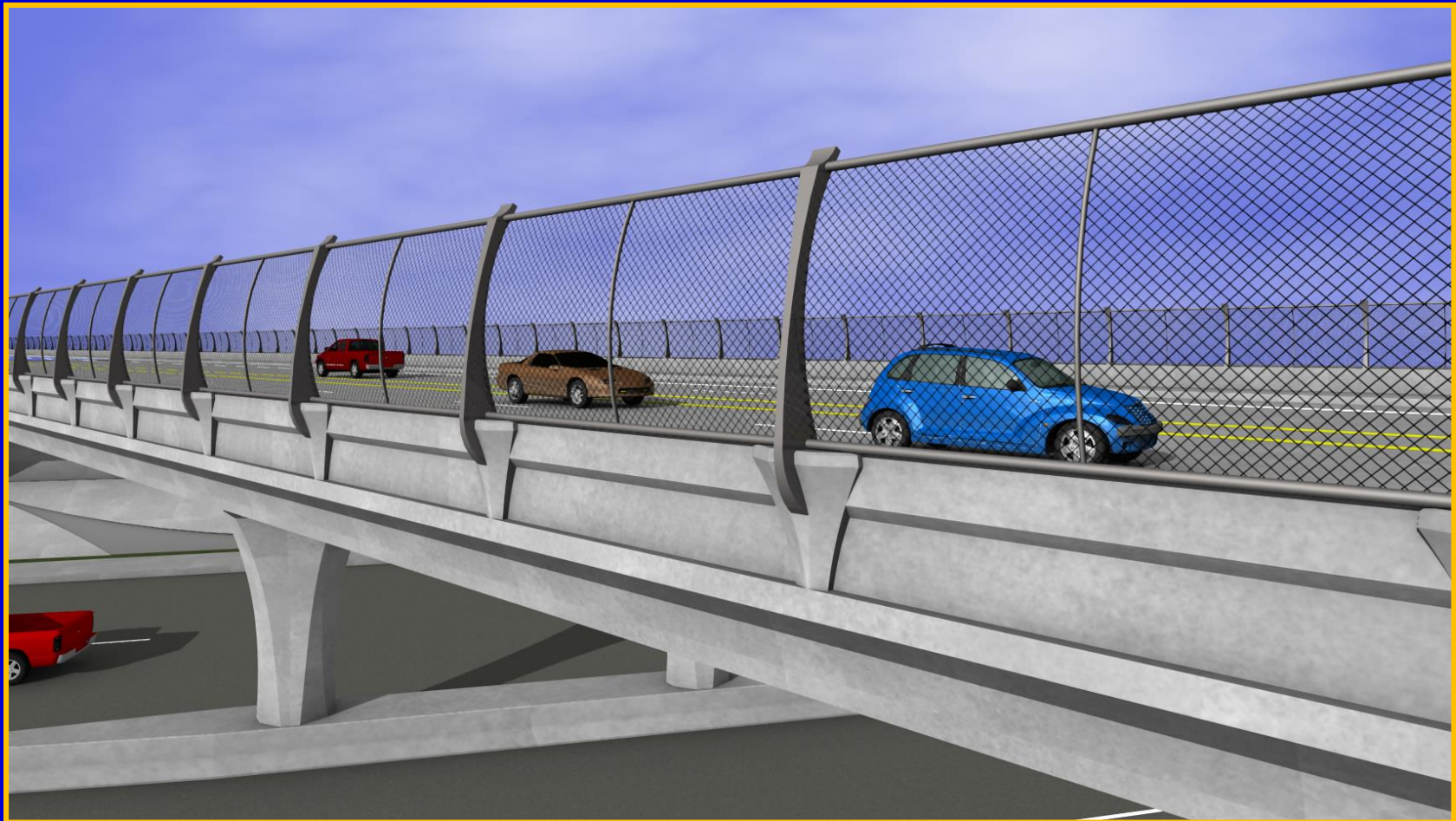
Conceptual Bridge Abutment/Retaining Wall Design – Modern Theme





Rte 710 Corridor Aesthetic Master Plan

Conceptual Superstructure & Fence Design Option – Modern Theme





Rte 710 Corridor Aesthetic Master Plan Conceptual Pedestrian Overcrossing – Modern Theme





Rte 710 Corridor Aesthetic Master Plan Conceptual Pedestrian Overcrossing – Modern Theme



Rte 710 Corridor Aesthetic Master Plan

Conceptual Pedestrian Overcrossing – Modern Theme





Rte 710 Corridor Aesthetic Master Plan

Conceptual Elevated Freight Corridor – Modern Theme





Rte 710 Corridor Aesthetic Master Plan

Conceptual Elevated Freight Corridor – Modern Theme



V. Sound Walls



Rte 710 Corridor Aesthetic Master Plan

Sound Walls: Responding to Community

Sound Wall Program & Design Criteria:

- Construction meets State and Federal requirements.
- Sound wall aesthetics and design to receive close coordination between the Department and local communities throughout the life of the project.
- Sound wall to use split face block with vertical score border, custom pilaster.
- Sound wall color to be ‘tan’. Referee samples shall be made available to Department and local communities for approval of final color during design phase and documented in this report.
- Existing walls to be stained or colored to match new additional block color.
- Vines, shrubs, trees and groundcover shall be planted on the back or front of new and existing sound walls where feasible.

Rte 710 Corridor Aesthetic Master Plan

Sound Walls: Block Types

Freeway: Existing Block Types



Precision block

Vertical score block

Split face block

- 1/3 new wall, 2/3 existing wall
- 4 to 6 feet added atop existing walls in some locations



Slump Block



Rte 710 Corridor Aesthetic Master Plan

Sound Walls: Existing Condition

Freeway: Existing Block Types - Photos



• East Los Angeles



• Commerce



• Rosecrans to Somerset



• Long Beach

Rte 710 Corridor Aesthetic Master Plan

Conceptual Sound Walls: “Traditional” Design Scheme :

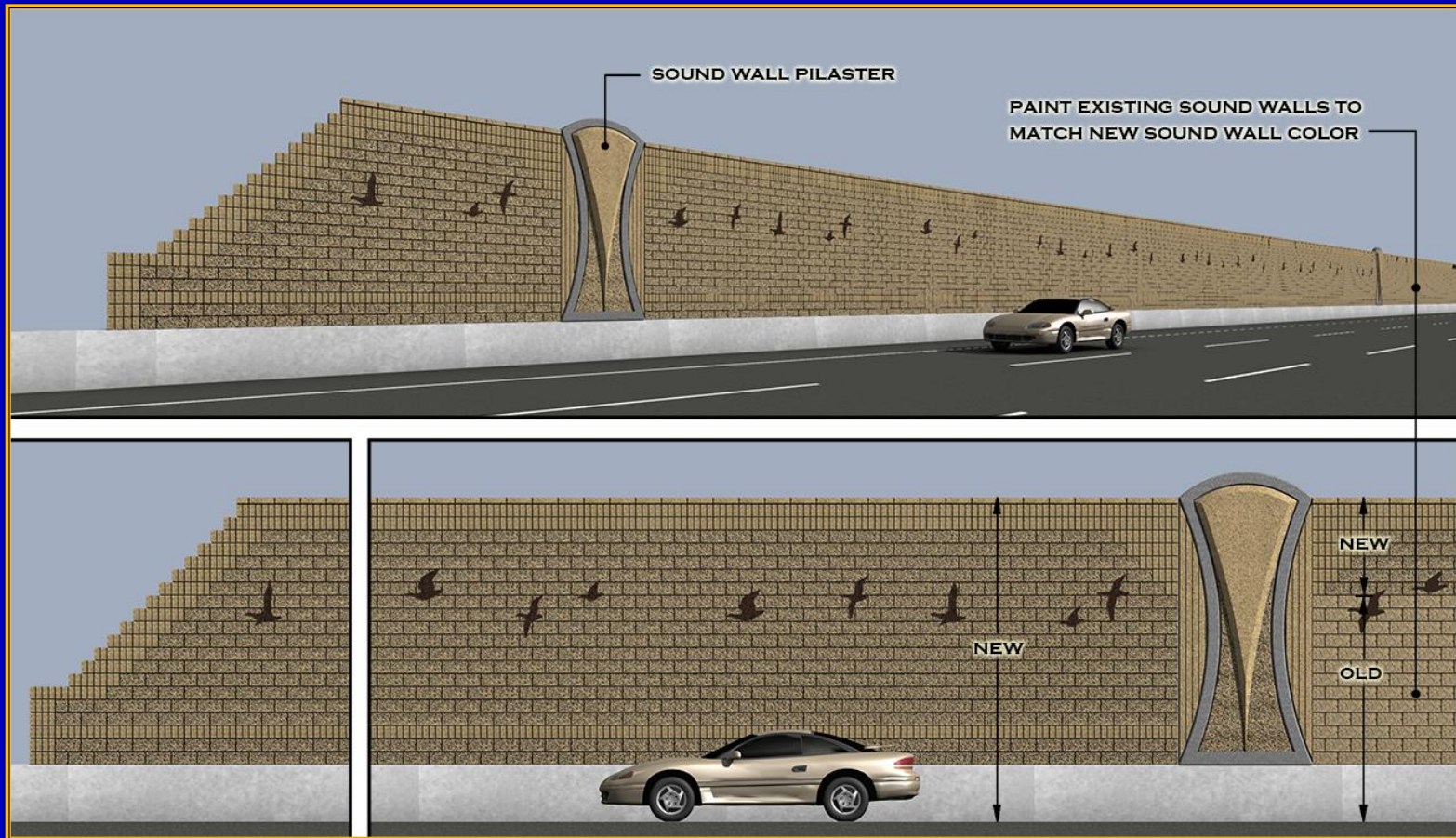
Tan Color Split Face Block, Vertical Score Border, and Custom Pilaster



Rte 710 Corridor Aesthetic Master Plan

Conceptual Sound Walls: “Traditional” Design Scheme :

Tan Color Split Face Block, Vertical Score Border, and Custom Pilaster



The images will be determined by the Cities, Caltrans and Metro during the design phase of this project.

Rte 710 Corridor Aesthetic Master Plan

Conceptual Sound Walls: “Traditional” Design Scheme :
Tan Color Split Face Block, Vertical Score Border, and Custom Pilaster



Placement of two vines per plant hole is highly recommended. Core holing for vines has shown not an effective method and not a recommended option.