

North Coast Corridor Program: Sound Wall Overview













North Coast Corridor Program



- A 40-year comprehensive and sustainable solution for the region that integrates:
 - Managed Lanes on Interstate 5 (I-5)
 - Double tracking the coastal LOSSAN rail line
 - Integrated bike, pedestrian, and habitat improvements









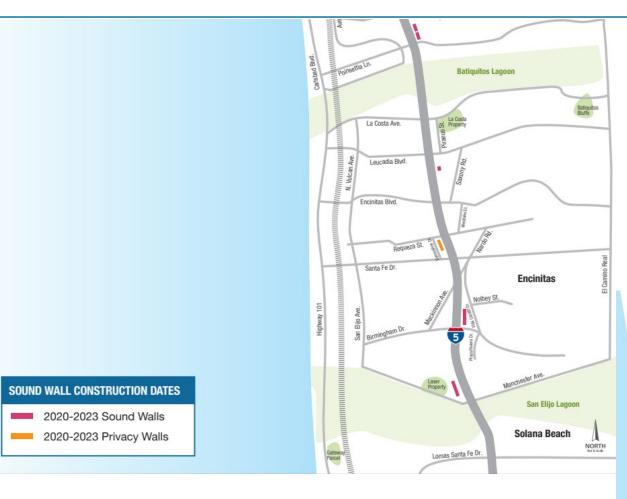






Sound Wall Locations

















Sound Wall Identification Process



- Identify Sensitive Receptors
- Recreation areas, schools, churches, libraries, motels, hospitals
- Residential and Commercial properties

Identify
Noise
Impacts

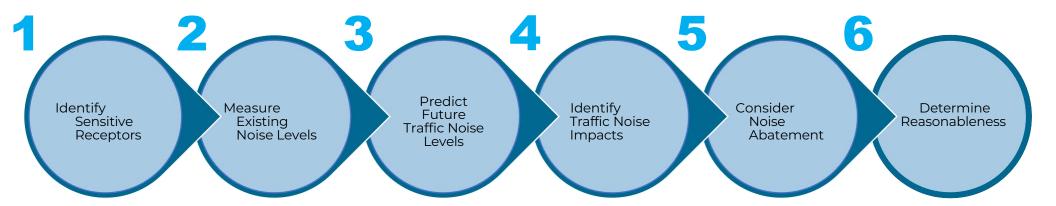
- Identify noise impacts that show an increase of 12 dBA over existing noise levels
- Identify receptors that are approaching 67dBA

- Measure
 Existing Noise
 Levels
- · Residential: in the backyard
- Commercial: exterior use areas
- Schools: interior

- Consider Noise
 Abatement
- · A reduction of 5 dBA can be achieved
- Has a reasonable cost to construct

- Predict
 Future
 Traffic Noise
 Levels
- Caltrans uses specialized software to model future peak noise levels

- Determine
 Reasonableness
- An objective, quantitative preliminary determination
- A final determination that includes the preliminary decision, plus input from the public













Property Owner Participation



- Sound wall installation requires 100% property owner participation and consensus. In order to receive a sound wall, property owners must:
 - Enter into a contract with Caltrans that outlines each parties' responsibilities
 - Accept sound wall footing placed within their property (permanent easement in the State's name)
 - Agree to a temporary construction easement in order for the wall to be built
 - Accept aesthetic and ordinary maintenance responsibility for the sound wall located within their property











Right-of-way Process



Step 1: APPRAISAL

- Owner will receive a "Notice of Decision to Appraise" in the mail
- Appraiser will schedule an appointment with Owner to inspect property
- Appraiser will brief Owner on project details and property rights to be appraised
- A Fair Market Value appraisal for the required property rights will be prepared

Step 2: ACQUISITION

- After the appraisal is approved, the Owner will be contacted by an Acquisition Agent
- Acquisition Agent will present fair market written offer to Owner
- Detailed written offer will include maps, deeds, appraisal summary statement, and right-of-way contract
- Right-of-way Contract will outline the terms and conditions of the real property transaction

Step 3: SETTLEMENT

- Owner executes deed, right-of-way contract, and related documents
- Agent ensures prompt payment to Owner, records deed, and closes escrow













Maintenance Responsibility



- Property owner is responsible for basic maintenance for the sound wall
- Property owner may not:
 - Remove any part of the sound wall
 - Build permanent structures adjacent to the sound wall
 - Attach any structures to the sound wall
- Property owner assumes responsibility for transparent panel replacements, repairs, and any maintenance issues
- Caltrans will be responsible for the structural integrity of the sound wall













Sound Wall Architecture



- During the selection of the sound walls, Caltrans considered:
 - Views
 - Wall placement
- Sound wall materials were chosen to provide optimal noise mitigation and to maintain views for both drivers and residents













Sound Walls (Option 1) Transparent

















Sound Walls (Option 2) Masonry



2A



2B



















Sound Walls (Option 3) Hybrid



















Next Steps Checklist



- Mail Letter to Owners
 - Includes sound wall information pertaining to your property
 - Provides meeting notice for affected property owner
 - Contains permit to enter form
- Brief Property Owners
 - Inform residents about the sound wall, solicit feedback, and attempt to reach consensus

- Select Wall Type
 - Begin Final Design
- **Agreement Process**
 - Appraisals
- Begin Construction in 2020
- Complete construction in 2024











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