

Proposition 400 Noise Mitigation

MAG Management Committee
July 9, 2008



Prop 400 Noise Mitigation Program

- **\$20 million remaining from Prop 400 funding.**
- **Provide additional noise mitigation for areas that:**
 - Exhibit high noise levels.
 - Feasible options exist that could reduce noise levels.
- **Allow for projects if no improvements are scheduled for more than 10 years in the future. (March 2007 TPC)**
- **Provide added funding for projects that exceed ADOT cost effectiveness threshold – currently \$43,000 per affected property.**

Locations Requested

■ Phoenix

- I-17 & Camelback
- I-10, 7th Ave to 15th Ave
- L101 & 51st Ave
- L101 & 7th St.
- SR51 & Greenway

■ Scottsdale

- L101 & 90th St
- L101 & Cactus

■ Peoria

- L101, Peoria to Grand
- L101, Olive to Peoria
- L101, Northern to Olive

■ Maricopa County

- L303, Deer Valley to north of Robertson D



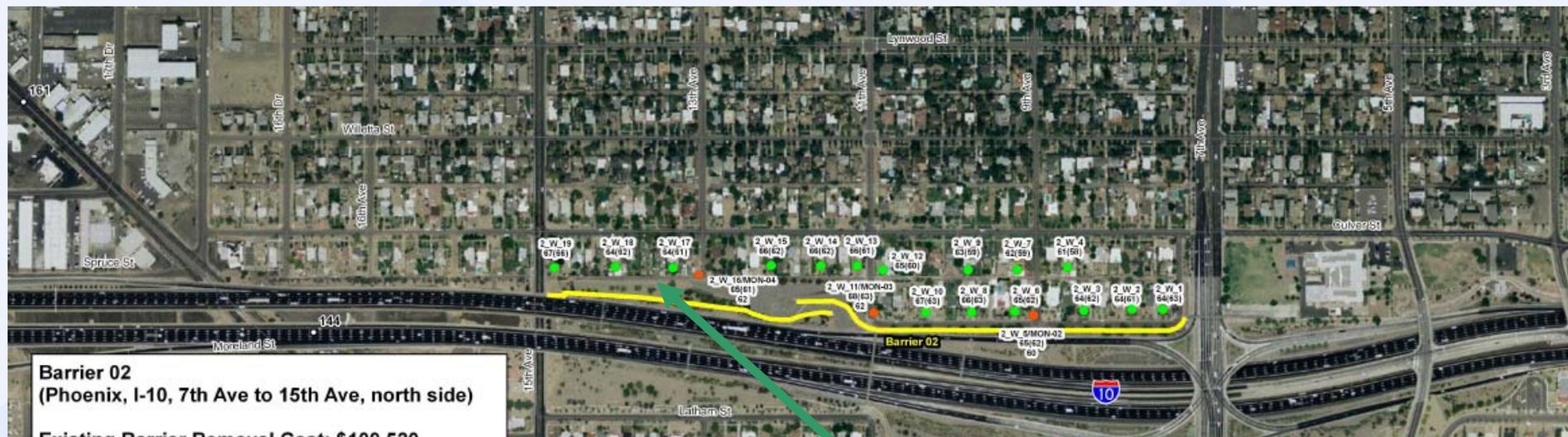
Barrier 01
 (Phoenix, I-17 and Camelback Road (SEC))

New Barrier Length: 1,353 ft
New Barrier Height: 10-14 ft
Total Barrier Cost: \$603,120

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
1_N_1/MON-01	73 dBA	63 dBA
1_N_2	59 dBA	55 dBA
1_N_3	70 dBA	61 dBA





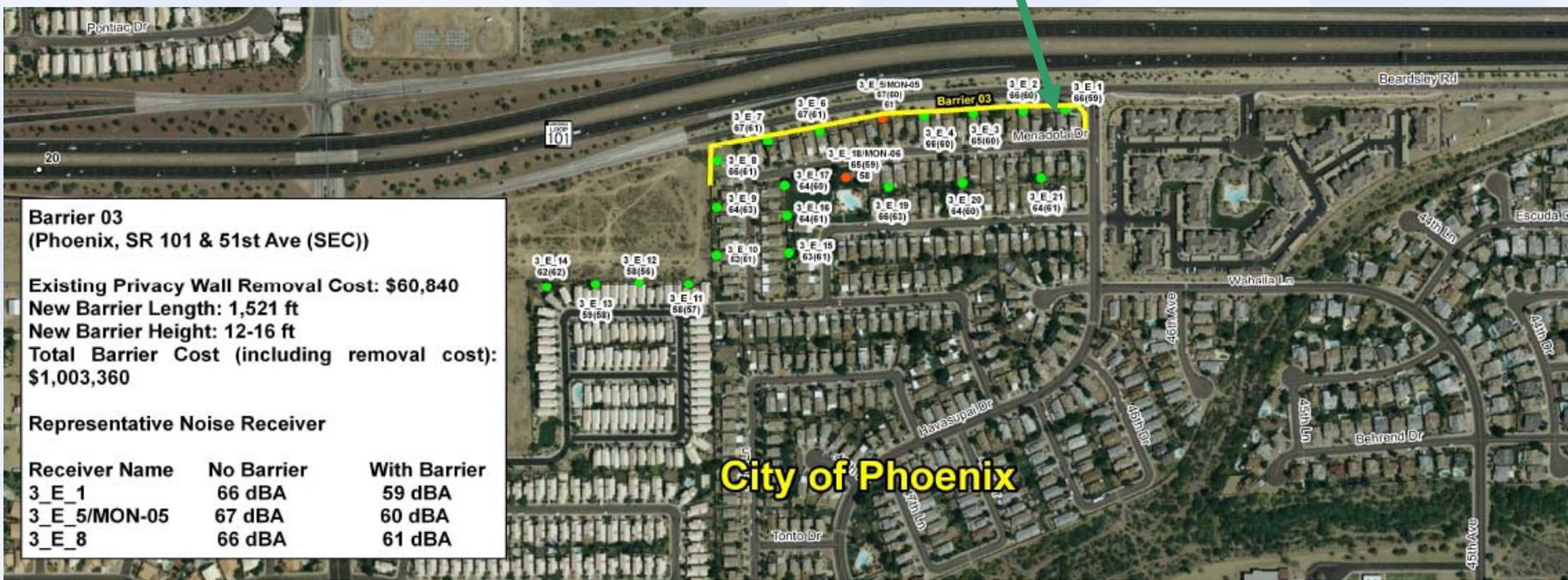
Barrier 02
 (Phoenix, I-10, 7th Ave to 15th Ave, north side)

Existing Barrier Removal Cost: \$109,520
 New Barrier Length: 2,738 ft
 New Barrier Height: 14-18 ft
 Total Barrier Cost (including removal cost):
 \$1,775,040

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
2_W_6	65 dBA	62 dBA
2_W_11/MON-03	68 dBA	63 dBA
2_W_17	64 dBA	61 dBA





Barrier 03
(Phoenix, SR 101 & 51st Ave (SEC))

Existing Privacy Wall Removal Cost: \$60,840
 New Barrier Length: 1,521 ft
 New Barrier Height: 12-16 ft
 Total Barrier Cost (including removal cost): \$1,003,360

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
3_E_1	66 dBA	59 dBA
3_E_5/MON-05	67 dBA	60 dBA
3_E_8	66 dBA	61 dBA

City of Phoenix



Barrier 04
(Phoenix, SR 101 & 7th Street (NEC))

Existing Privacy Wall Removal Cost: \$58,080
 New Barrier Length: 1,452 ft
 New Barrier Height: 16-18 ft
 Total Barrier Cost (including removal cost): \$867,207

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
4_W_1	68 dBA	62 dBA
4_W_4	67 dBA	63 dBA
4_W_9	67 dBA	61 dBA





Barrier 05
 (Peoria, SR 101, Peoria Ave to Grand Ave)

Existing Barrier Removal Cost: \$60,480
 New Barrier Length: 2,693 ft
 New Barrier Height: 14-20 ft
 Total Barrier Cost (including removal cost):
 \$1,842,320

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
5_N_2	68 dBA	62 dBA
5_N_10	67 dBA	62 dBA
5_N_15	65 dBA	60 dBA



Barrier 06
 (Peoria, SR 101, Olive Ave to Peoria Ave)

Existing Privacy Wall Removal Cost: \$204,600
 New Barrier Length: 5,115 ft
 New Barrier Height: 14-20 ft
 Total Barrier Cost (including removal cost):
\$3,668,440

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
6_N_3	67 dBA	59 dBA
6_N_16	68 dBA	63 dBA
6_N_32	69 dBA	62 dBA

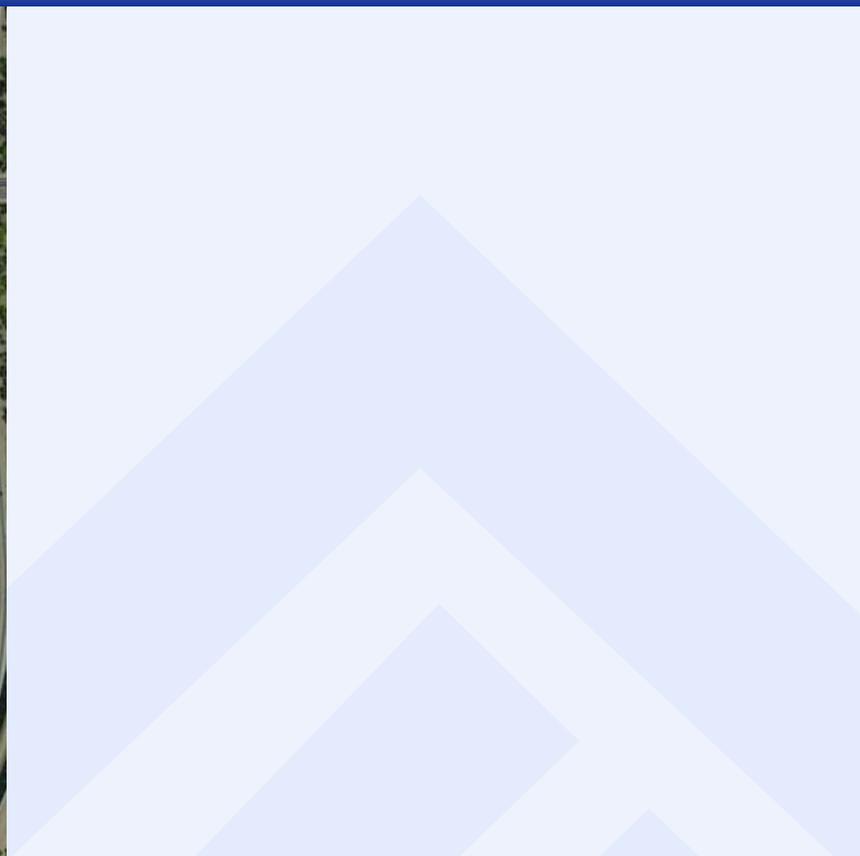


Barrier 07
(Peoria, SR 101, Northern Ave to Olive Ave)

New Barrier Length: 2,110 ft
New Barrier Height: 12-16 ft
Total Barrier Cost: \$1,222,120

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
7_N_5/MON-15	68 dBA	62 dBA
7_N_9	69 dBA	62 dBA
7_N_11	68 dBA	63 dBA







Barrier 09
(Scottsdale, SR 101 & Cactus Road (NWC))

Existing Privacy Wall Removal Cost: \$85,000
 New Barrier Length: 2,125 ft
 New Barrier Height: 12-14 ft
 Total Barrier Cost (including removal cost):
 \$1,249,000

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
9_S_3	62 dBA	60 dBA
9_S_7	63 dBA	60 dBA
9_S_11	62 dBA	60 dBA

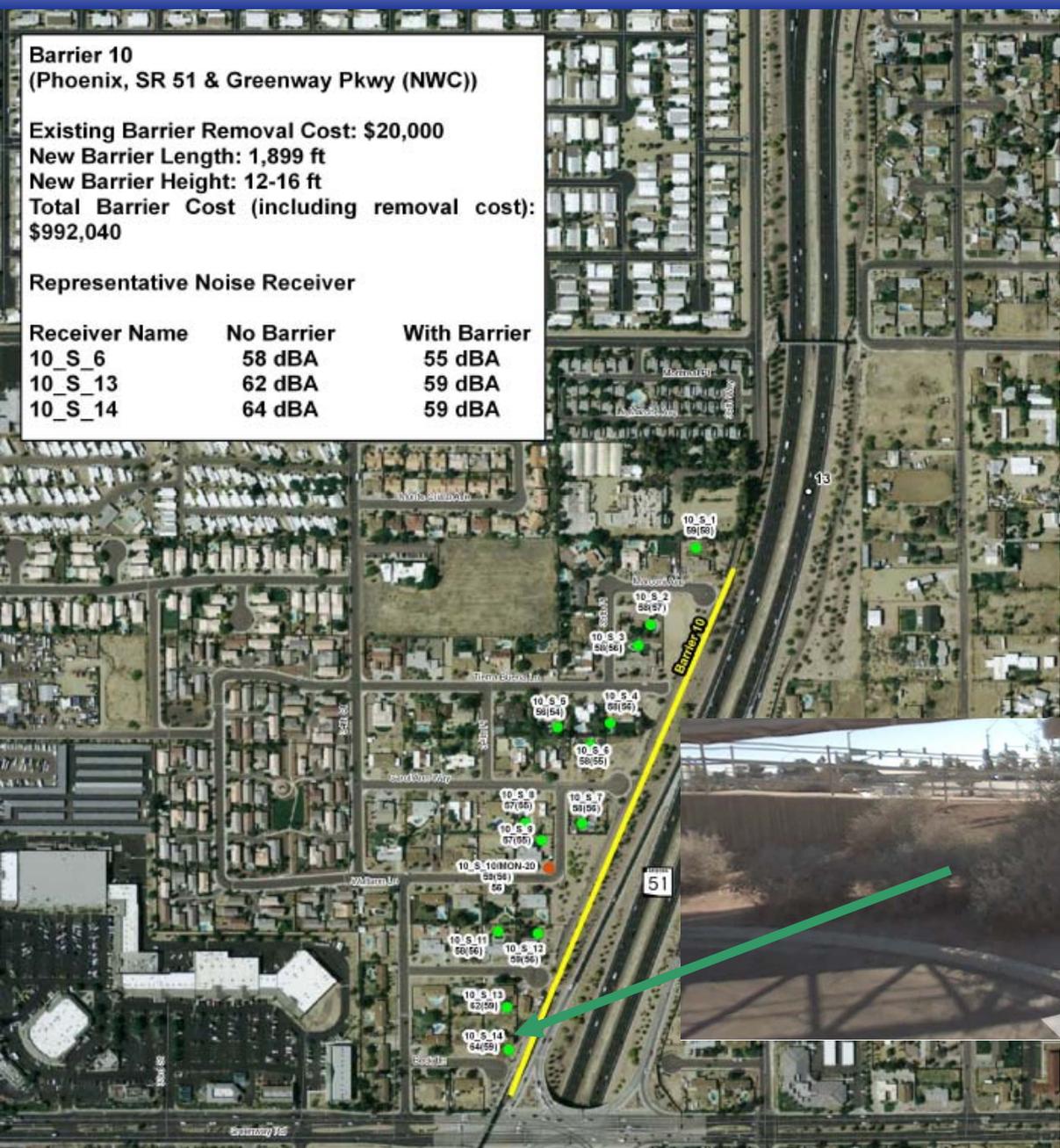


**Barrier 10
(Phoenix, SR 51 & Greenway Pkwy (NWC))**

Existing Barrier Removal Cost: \$20,000
New Barrier Length: 1,899 ft
New Barrier Height: 12-16 ft
Total Barrier Cost (including removal cost): \$992,040

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
10_S_6	58 dBA	55 dBA
10_S_13	62 dBA	59 dBA
10_S_14	64 dBA	59 dBA



Barrier 11
 (Maricopa County, SR 303, Deer Valley Road to North of Robertson Drive)

Existing Privacy Wall Removal Cost: \$91,320
 New Barrier Length: 2,283 ft
 New Barrier Height: 8-16 ft
 Total Barrier Cost (including removal cost): \$1,248,720

Representative Noise Receiver

Receiver Name	No Barrier	With Barrier
11_E_5	69 dBA	63 dBA
11_E_6	72 dBA	63 dBA
11_E_11	67 dBA	61 dBA



TAKEN FROM BACK PATIO - SUN CITY WEST



Contact Information

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