

PROJECT ROCK BLASTING INFORMATION FOR PUBLIC DISSEMINATION

Special Assessment District 228

City of Albuquerque Project No. 693391

The City of Albuquerque has contracted with AUI, Inc. to construct the Special Assessment District 228 project northeast of the intersection of Unser Boulevard and Rainbow Boulevard (north of Montano, east of Unser Boulevard, and south of Paseo del Norte). The construction operations include the drilling and blasting of rock.

AUI, Inc. has contracted with Western Explosives Systems Company to perform the drilling and blasting of the rock. WESCO is licensed in the use of explosives and has extensive experience blasting in the greater Albuquerque area (including the west escarpment) over the past 25 years. They are highly qualified and are taking all precautionary measures to ensure that blasting is performed safely and in accordance with state and federal laws.

In addition, AUI, Inc. has contracted with Aimone-Martin Associates, LLC. to perform vibration monitoring and videotaping for the purpose of verifying that the required safety standards are being maintained. Aimone-Martin and Associates, has over 35-years of experience as a blasting and vibration consultant and will be performing seismograph monitoring during all blasting operations. The seismograph monitors are located adjacent to existing structures closest to the blasting areas to ensure that ground vibrations remain well within the safe blasting criteria. The safe blasting criteria used in the City of Albuquerque and adopted from the U.S. Bureau of Mines recommendations represent industry standards acknowledged throughout the United States and are based on over 60 years of research proven to protect residential structures from any damage.

For those residences that live close to the escarpment, it is natural to feel vibrations and hear loose objects “rattle” while occupying a home during rock blasting. However, the amplitude of ground displacements at the home foundations closest to the blasting is far less than the thickness of a piece of writing paper. Structural damage to any home resulting from one of these blasts is not possible according to the U.S. Bureau of Mines Safe Vibration Criteria when the monitoring results fall below the allowable ground vibration amplitudes. To date, all seismograph monitor readings have been well below the allowable safe blasting vibration zones at the closest structures.

The following information may be useful to those who live close to the escarpment:

- The blasting operations are expected to continue throughout 2013.
- Blasting usually occurs 2-3 times per week.
- Blasting usually occurs between 12:00 noon and 3:00 pm.
- A blast can last anywhere from 1 to 3 seconds
- As a precautionary measure, adjacent streets may be closed depending on the location of the blast. These closures typically will last for 10 to 15 minutes. If the road is temporarily closed, flagmen will be directing the closure.

The City of Albuquerque appreciates your patience and apologizes for any inconvenience you may experience during these operations. Should you have any questions or concerns please contact **Greg Menke** at AUI at 505-242-4848. Your name, phone number and address will be taken and someone will get back to you either that day or the following day.

**C. Aimone-Martin, Vibration Monitoring Consultant, 505-980-9949,
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