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An Evolution in Land Information

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TAKING FLIGHT



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VMR RELOCATES SOUTHERN CALIFORNIA LOCATION

VMR's Dana Point office has moved to San Diego



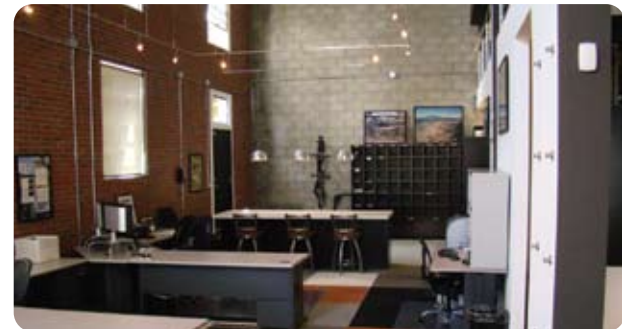
Vertical Mapping Resources, Inc. has recently relocated their Dana Point, Calif. location to San Diego, Calif.

The new office location at 949 W. Hawthorn Street, #11 San Diego, CA 92101 is approximately 60 miles South of VMR's previous southern California location.

The move will benefit VMR, its employees, and most importantly its clients. The site of VMR's newest office is a part of the Little Italy District located in Downtown San Diego. Downtown San Diego is the home of various local businesses, residential buildings, and entertainment sources. As a result of this relocation VMR will have better access to the rail systems, as well as interstates, which will aid in travel to and from outside

client locations. VMR anticipates this transition will enable them to better serve their existing clients, as well as solidify new relationships.

VMR has been providing professional mapping services in southern California for more than eight years, and feels that their decision to open this state of the art facility will help ascertain and advance the company's place in the market. More particularly, VMR has been working in the greater San Diego region regularly since its inception, and believes that it serves as an excellent locale for the company's newest location. ■



New Office (Inside)

VMR ACQUIRES KELLOGG AERIAL SURVEYS

Bill Swope Leads New Sacramento Office

Vertical Mapping Resources, Inc. (VMR) recently acquired Sacramento-based Kellogg Aerial Surveys. In August 2008, VMR expanded into the Sacramento area and named Bill Swope regional manager of consulting and development for the firm's Sacramento area office. With this acquisition, Swope will maintain his position and work closely with Kellogg's clients. Vertical Mapping Resources will operate under both the VMR moniker as well as the Kellogg Aerial Surveys brand.

Kellogg Aerial Surveys has provided mapping services to clients in California, Nevada, Washington, New Mexico and Hawaii for the past 20 years. Richard Kellogg, the company's principal, has been in the mapping industry for more than four decades and has earned a solid reputation as a skilled photogrammetrist. Before starting his own business, he was

the president of a large firm working all over the world and employing as many as 30 people.

"I look forward to maintaining the friendships I've developed with clients over the past 40 years and my wife is looking forward to my long-awaited retirement," Kellogg said. "I'm confident that my clients will find this merger a good fit that benefits them and their goals."

"This acquisition was a match for us because the traditional photogrammetric services we provide align well with the services Kellogg Aerial offers its clients," said Joseph Bartorelli, president of Vertical Mapping Resources. "We are now working with Kellogg's clients to provide them with a seamless transition of services, and we're continuing to build our capacity in the Northern California market."

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ABOUT VERTICAL MAPPING RESOURCES, INC.

Vertical Mapping Resources, Inc. is a full-service geospatial information firm providing traditional and digital photogrammetric mapping, as well as state-of-the-art geotechnologies, 3-D imaging, and land information consulting services. We specialize in A/E design scale topographic and planimetric mapping, surface modeling, and digital orthophotography, as well as city and county GIS basemapping and updating services. VMR integrates cutting-edge hardware and software systems through each phase of the photogrammetric process to achieve an efficient and seamless production workflow.

ON THE MAPPING FRONT

VERTICAL MAPPING RESOURCES' RECENT PROJECTS



Interstate 205 Congestion

Vertical Mapping Resources selected to provide Topographic Mapping and Orthophotography of California's Interstate 205

Services provided will help engineers and architects improve traffic congestion and enhance capacity.

Vertical Mapping Resources, Inc. has been contracted to provide services that will help with the improvements of the San Joaquin Valley's Interstate 205. VMR will provide topographic mapping at a 1"=50' scale with 1-foot contours, as well as digital orthophotography with a .25' pixel resolution. These services will allow architects and engineers to have an in depth view of the highways current conditions and plan where improvements need to be made.

Interstate 205 (I-205) first opened in the winter of 1970 and has since provided access from San Francisco's Bay to the northern San Joaquin Valley. It is approximately 13 miles in length and links Interstate 5 (I-5) with Interstate 580 (I-580). The highway serves as the northern side of the triangle created by the three highways surrounding the city of Tracy. Since I-205 is an essential route for commuters to the Bay Area, as well as the connection to popular destinations such as Lake Tahoe and Reno, it is often heavily

congested. The interstate has seen very few improvements since its opening. The largest includes the addition of two travel lanes to the western portion of the freeway corridor. The expansion did provide some relief to the flow of traffic. However, the four lane configuration towards the eastern portion of the interstate is still insufficient and not suitable for the amount of traffic the highway sees on a daily basis. Caltrans has begun to expand the remaining portion of the highway from four to six lanes, and also plans to create longer merging distances by adding auxiliary lanes among the interchanges. Other changes to be expected include; the addition of new interchanges at Lammers & Paradise Roads, widening existing structures, constructing a median barrier, and re-striping the interstate. These improvements are expected to help decrease the amount of congestion and increase the capacity of Interstate 205. ■

VMR Maps State Routes 57 & 60 to be used for confluence improvements

Topographic Mapping & Orthophotography will provide accurate views of current freeway conditions.

Our team at VMR recently mapped a three and one half mile section of California's state routes 57 & 60, including the confluence of the two freeways. VMR was contracted to provide topographic mapping at a 1"=50 scale with 1-foot contours in Caltrans Standards. VMR also contributed 72 color exposures and color orthophotography with a .25' pixel resolution.

The SR-57/SR-60 confluence project is an essential phase in the quest to improve the freeway to freeway interchange that allows transportation to four counties in southern California from downtown Los Angeles. For two miles beginning at Grand

Avenue, the freeways merge and share a common path alignment in 12 lanes. Both freeways experience heavy traffic flow as they are essential for commuters as well as commercial vehicles. The "Valley-Shaped" terrain which lacks effectively configured lane placements and transitions impedes the flow of traffic and presents hazardous situations along the confluence. On average, 100 automobile accidents occur per year caused by weaving due to hectic lane changes and mergers. With currently an estimated 343,000 vehicles traveling along the interchange each day, other problems include heavy traffic delays and increases in air pollution. Significant population and traffic volume increases are predicted to occur by the year 2030 that will only intensify these concerns.

By adding collector/distributor lanes, increasing lengths of time and space given to weave, and improving the Grand Avenue overpass structure, the dangerous conditions and unnecessary bottleneck situation presented to thru traffic will be minimized. These improvements will remove the need to crisscross from one freeway to the other or to exit at Grand Avenue which is often heavily congested. The changes will ultimately resolve many traffic obstructions, increase transportation safety, reduce pollution, and improve air quality. ■



State Routes 57 and 60

VMR ACQUIRES KELLOGG AERIAL SURVEYS (Continued from page 1)

Combined, Vertical Mapping Resources and Kellogg Aerial Surveys are currently working on numerous mapping projects in Northern California. Vertical Mapping Resources has previously worked closely on several Caltrans projects in the area, including Interstate 205, in which the firm is providing color orthophotography and 50-foot scale mapping with 1-foot

contours for two areas along the I-205 in Tracy, Calif. "This is our fourth major Caltrans project within the past year," Swope said. "Our team has worked effectively with Caltrans and other local and state transportation agencies in an effort to develop solutions to their mapping needs." The company also recently completed color

orthophotography and 20-foot scale mapping with 1-foot contours for the Hollister Hills State Vehicular Recreation Area nearly Hollister, Calif. The mapped area is an off-road use park with 64 miles of trails for motorcycles and ATVs, along with motocross and bike tracks and a custom-designed obstacle course. ■

VMR MAPS LARGE PORTION OF PHOENIX & TEMPE, AZ FOR FLOOD CONTROL DISTRICT

Topographic Mapping & Orthophotography will help the Flood Control District of Maricopa County perform hydrology studies and floodplain analysis.



Arizona State University

Vertical Mapping Resources, Inc. (VMR) is currently mapping a large region of South East Phoenix and portions of Tempe for the Flood Control District of Maricopa County.

The Flood Control District of Maricopa County (FCDMC) is responsible for creating and maintaining effective flood hazard control measures for the county of Maricopa. Since its inception in 1959 the district has utilized many different strategies to achieve this mandate.

The County's project is being completed in a two phase approach. The first phase will include topographic mapping at a 1"=200 ft. scale with 2-foot contours extending over 40 square miles and is covered by 161 B/W exposures. The second phase will include topographic mapping at the same scale with an additional 50 B/W exposures extending over 12 square miles adjacent to the first implemented area. For both phases, VMR will provide B/W digital orthorectified imagery with a .5' pixel resolution. Phase one was just completed and phase two is scheduled to be complete by mid June of 2009. ■