

## "Tomorrow's Technology for Today's Problems®"

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### Success in the City of Riverside

Following the recent successful project in Montebello, the City of Riverside recently completed a HyRAP® ARAM project, becoming the first Inland Empire City to use the advanced paving process. Riverside paved a total of 20-streets (12.44 lane miles) as part of the project, both in residential and industrial neighborhoods.



"The City's Strategic Priority Goals focus in part on Environmental Stewardship, High Performing Government, and Infrastructure, Mobility, and Connectivity. Upon learning of sustainable asphalt, the Public Works Department supported a pilot project for its use," explained Gilbert Hernandez, Deputy Director/ City Engineer, Public Works Department for the City of Riverside. "Now that the project is complete, I am impressed with the smoothness and rideability of the streets and look forward to their performance in years to come. Delivering optimum streets to our residents while implementing sustainable solutions that reduce the impacts on our environment are wins for the community and our future."

Conventional hot mix asphalt is a combination of virgin aggregate and paving grade asphalt (oil). HyRAP®, however, is produced almost entirely using recycled asphalt and petroleum rejuvenators – resulting in a reduction of 100% of virgin aggregate and 70% in petroleum products. Paving streets with HyRAP® Composite Layering Systems significantly reduces an agency's carbon footprint by eliminating the need to mine and transport virgin aggregate and oil and preventing reusable asphalt grindings from being sent to California landfills or stored in our local communities.

In addition to its environmental benefits, HyRAP® also provides local constituents with more convenience than traditional hot mix asphalt. Streets are returned to use more quickly and lives are impacted less.

"I was impressed with the quality of the resurfaced pavement project that I saw when I visited with the staff in the field," said Riverside City Councilmember Chuck Conder. "Their 100% sustainable products holds great potential and I look forward to seeing how it performs over the next few years."

## Customer Corner--Merlin Johnson Construction



Merlin Johnson Construction, a small business specializing in public works wet utility installation and replacement, recently purchased sustainable HyRAP® Hot Mix Asphalt patch material from MAI's HyRAP® Colton plant. The nearly 90-ton purchase was used for utility patch work in the City of Beaumont.

"When we need patch material for our jobs, we love using the Colton plant," said

Jake Johnson, Vice President of Merlin Johnson Construction. "On our recent purchase, our trucks were in-and-out quickly with no wait time, allowing us to get back to work on our job in a quick and efficient manner."

MAI prides itself on its customer service and our ability to make things easier on our customers. We look forward to a long-term business relationship with Merlin Johnson Construction.

## How Much Recycled Material is Actually in your Hot Mix Asphalt?

HyRAP® hot mix asphalt has almost 5 times the amount of sustainable materials as compared to

conventional hot mix asphalt and almost 66 times the amount of sustainable materials as compared to Asphalt Rubber Hot Mix (ARHM). If your agency's goal is to be sustainable, to reduce greenhouse gas emissions (GHG's) and reduce California's carbon footprint, HyRAP® hot mix asphalt should be the pavement of choice.

	Virgin Material*	Recycled Material*
Conventional Hot Mix Asphalt	1600 lbs. (80%)	400 lbs. (20%) Reclaimed Asphalt Pavement
Asphalt Rubber Hot Mix**	1970 lbs. (98.5%)	30 lbs. (1.5%) Scrap Tire CRM
HyRAP® Hot Mix Asphalt	30 lbs. (1.5%)	1970 lbs. (98.5%) Reclaimed Asphalt Pavement
	*per ton	
	** based upon a 7.5% binder content	