



DEPARTMENT OF ENGINEERING AND PLANNING
One Spring Street
Newton, New Jersey 07860
973-579-0430
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John C. Risko, P.E., P.L.S., P.P.
Division Director/Assistant County Engineer

2010 & 2011 High Risk Rural Road Projects

Distributed: Nov 2, 2012

PROJECT STATUS NOTICE

Project: 2010 & 2011 High Risk Rural Roads

Summer 2012 Project

Includes Type III Micro-surfacing skid resistant surface treatment, pavement markings, striping, flexible delineators, regulatory/warning signs and bicycle safety grates on various sections of County Route 653 in Montague and County Routes 565 and 628 in Wantage.

Executive Summary:

These Projects are primarily funded through the North Jersey Transportation Planning Authority's (NJTPA) local safety High Risk Rural Roads Program.

This program is highlighted on the NJTPA web site in greater deal, but generally can be summarized as follows:

High Risk Rural Roads (HRRR) are defined as those roadways that are functionally classified as rural major collectors, rural minor collectors, or rural local roads with a crash rate above the statewide average for those functional classes of roadway.

These projects will include Micro-surfacing application which will increase the roadway surface friction thereby enhancing a vehicles ability to "hold" the road, i.e. the road will not be as slippery. Also, new signage and roadside delineation will be installed in conformance with current standards.



Micro-surfacing Operation on CR 565



Micro-surfacing Operation on CR 628

Micro-surfacing:

Micro-surfacing is a tough and durable thin overlay material used to restore the original service properties to worn but structurally sound pavements and extend the serviceable life cycle of the roadway.

Its properties are based on a blend of select crushed aggregate and a sophisticated chemical formulation of asphalt cement, polymer-modified emulsions, adhesives and latex. Application of Micro-surfacing is sensitive to environmental conditions and mix design material ratios, to the extent that minor deviations in material ratios can result in undesirable formulation.



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Contract:

Low Bidder: Asphalt Paving Systems in the amount of \$282,945.32 (2010 HRRRP) and \$350,154.26 (2011 HRRRP).

Projects were awarded during Sussex County Board of Chosen Freeholders meeting on June 13, 2012.

Funding:

- \$626,302.58 - Federal SAFETEA-LU funds through North Jersey Transportation Planning Authority.
- \$6,797.00 - Sussex County Capital Funds

Schedule:

Schedule of Work:

Sealing of cracks:

- ✓ Aug 30 – CR 565 - *complete*
- ✓ Aug 31 – CR 565 & 628 - *complete*
- ✓ Sep 6 – CR 628 – *complete*
- ✓ Sep 7-11 – CR 653 – *complete*

Micro Surface:

- ✓ Sep 10-11 – CR 565 – *complete*
- ✓ Sep 11-13 – CR 628 – *complete*
- ✓ Sep 14-20 – CR 653 - *complete*

Signs and Roadway Delineators:

- ✓ Sep 25-Oct 11 – All Routes - *complete*

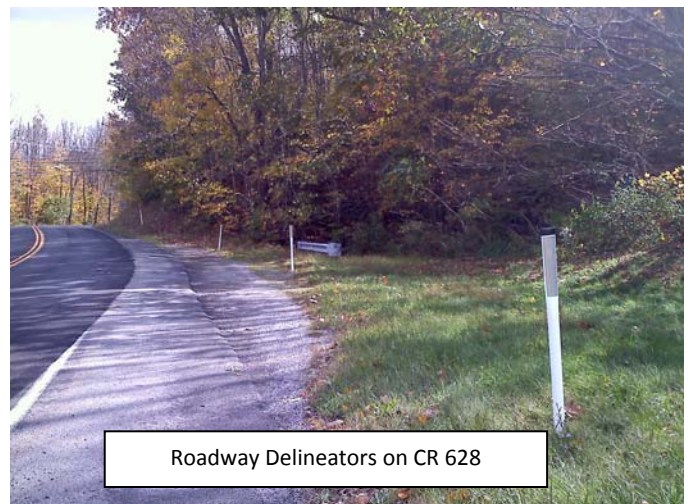
Striping and Pavement Markings:

- ✓ 4" Traffic Stripes – All Routes – *complete*
- ✓ Thermoplastic Markings – All Routes - *complete*

To Be Completed: Punch List Items

Contact Information:

For more information about this project please feel free to contact Bill Koppenaal, P.E., Chief Engineer at the Sussex County Division of Engineering: 973-579-0430 or emails can be sent to dpw@sussex.nj.us





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Work Location Data:

