

RELATED EXPERIENCE

BLOOMFIELD TOWNSHIP GROTON ROAD AND DERRY DRIVE PAVING

J&A was retained by Raymond Excavating Company to redesign an existing residential gravel road to current Road Commission for Oakland County paved residential road standards. The project

Location:	Bloomfield Township Oakland County, Michigan
Contract Amount:	\$480,825
Completion Date:	October 11, 2014
Client:	Raymond Excavating Company
Contact:	Mr. Jerry Thomas, Estimator Phone: (810) 364-6881

consisted of 1773 feet of paving and drainage improvements in the Franklin-Long Lake Road Estates Subdivision. The properties along Groton Road and Derry Drive are zoned residential and have road rights of way across their frontages of 60 feet.

The road design was developed and evaluated in accordance the 2007 Road Commission for Oakland County Rules and Regulations for Plat Development

with a design speed of 25 mph. Values used for the project set a cross slope of 2.5% with a maximum running grade of just under 7%. The roadway cross section was constructed with 22 feet wide HMA pavement with curb and gutter adjacent to the steeper slopes and a shoulder adjacent to the flatter portion.

The project posed several challenges in its development. The initial plan integrated the need for minimizing impacts to the natural features of abutting properties. Partial ditch enclosures, curbing, utility adjustments, and minimum adverse effects to existing driveways were employed to support a road within a narrow width right of way.

J&A was instrumental in advocating for the Client and quickly resolving questions and issues raised by permitting and approving authorities. Topographic mapping, final plans, specifications, detailed quantities of work, and construction layout were provided.

