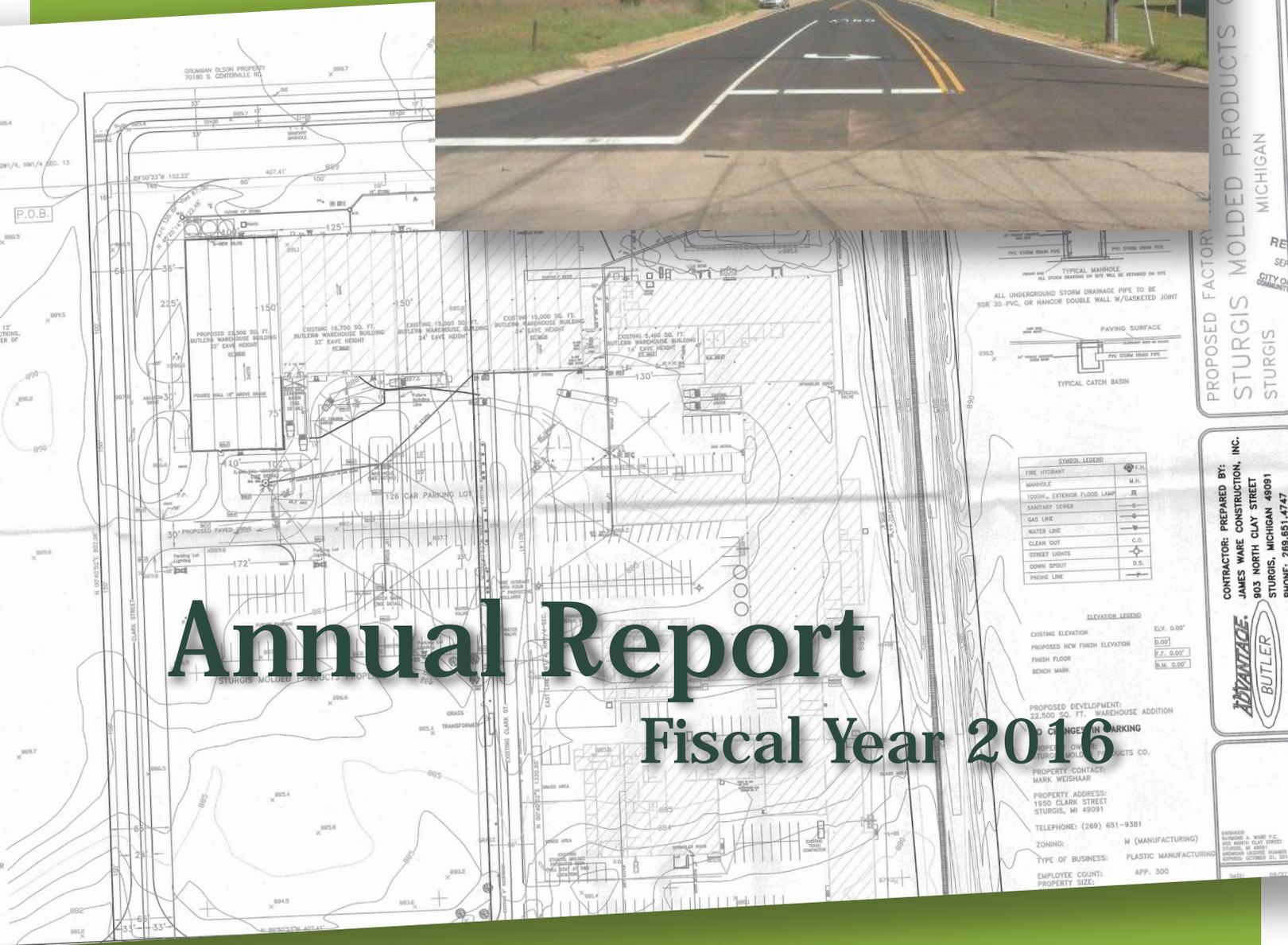




City of Sturgis, Wade Street at M-66



# Annual Report Fiscal Year 2016



STATE OF MICHIGAN  
DEPARTMENT OF TRANSPORTATION  
LANSING

RICK SNYDER  
GOVERNOR

KIRK T. STEUDLE  
DIRECTOR

December 14, 2016

Interested Parties:

We are pleased to present the fiscal year 2016 annual report on the activities and progress of the Michigan Transportation Economic Development Fund (TEDF). The mission of the program is to fund transportation improvements that support private investment and create and retain Michigan jobs.

The Office of Economic Development (OED), which administers the fund, coordinates extensively with the Michigan Economic Development Corporation and local road agencies to provide necessary infrastructure improvements across the state. These investments are critical to the movement of people and products; getting workers to their jobs, materials to growers and manufacturers, and finished goods to consumers.

TEDF serves as a catalyst for the economic growth of the state and helps Michigan compete in the international economy of the 21<sup>st</sup> century. For further information on the fund, please contact:

Michael B. Kapp, Administrator  
Office of Economic Development  
P.O. Box 30050  
Lansing, Michigan 48909  
(517) 335-1069  
[www.michigan.gov/tedf](http://www.michigan.gov/tedf)

The Michigan Department of Transportation and OED look forward to continuing our work with local government and business partners to bring new industry and jobs to Michigan.

Sincerely,

A handwritten signature in black ink, appearing to read "Kirk T. Steudle".

Kirk T. Steudle  
Director



## Contents

PROGRAM OVERVIEW.....	2
CATEGORY A – TARGET INDUSTRY DEVELOPMENT .....	3
CATEGORY A APPROVED PROJECT LIST FOR FY 2016 .....	5
MAP OF CATEGORY A FY 2016 APPROVED PROJECTS .....	6
STATUS OF CATEGORY A GRANTS APPROVED IN FY 2015 .....	7
EXAMPLES OF CATEGORY A PROJECTS .....	8
Executive Drive - Macomb County.....	8
No. 6 Road - Keweenaw County .....	9
DeMille Road - City of Lapeer .....	10
CATEGORY B – STATE TRUNKLINE SERVICE – DISCONTINUED.....	12
CATEGORY C – URBAN CONGESTION RELIEF .....	13
CATEGORY C APPROVED PROJECTS IN THE FY 2016 TIP .....	14
STATUS OF CATEGORY C PROJECTS IN THE FY 2015 TIP .....	14
CATEGORY D – RURAL ALL-SEASON SYSTEM .....	15
CATEGORY D PROJECTS IN THE FY 2016 STIP .....	15
STATUS OF CATEGORY D PROJECTS IN THE FY 2015 STIP .....	18
CATEGORY E – FOREST ROADS.....	22
CATEGORY E REVENUE ALLOCATION BY COUNTY FOR FY 2015 .....	22
CATEGORY E FOREST ROADS REPORT FOR FY 2015 .....	23
CATEGORY E SUMMARY BY PROJECT TYPE FOR FY 2015 .....	29
CATEGORY F – URBAN AREAS IN RURAL COUNTIES .....	30
CATEGORY F GRANTS APPROVED FOR FY 2016.....	30
MAP OF CATEGORY F APPROVED PROJECTS IN FY 2016 .....	31
STATUS OF CATEGORY F PROJECTS APPROVED FOR FY 2015.....	31
EXAMPLES OF CATEGORY F PROJECTS.....	32
City of Kingsford, Westwood and Breitung Avenues – Dickinson County .....	32
Garfield Charter Township, Garfield Road - Grand Traverse County.....	33

## PROGRAM OVERVIEW

Attracting industry to locate in a community frequently requires timely investments in road improvements. When resources and processes are inadequate to support those improvements, development opportunities and jobs are lost. Enacted in 1987, the Transportation Economic Development Fund (TEDF) was created to assist in the funding of highway, road, and street projects necessary to support economic growth. The program's mission is to serve as a catalyst for economic growth and enhance the state's ability to compete in the global market, while improving the quality of life for the residents of the great State of Michigan. The fund was reauthorized with minor revisions in 1993.

The TEDF is administered through the Michigan Department of Transportation's Office of Economic Development (OED), and provides a means for state government, local agencies and businesses to work together to meet the often extensive and urgent demands placed upon the transportation system by the fast paced and competitive global economy in which we live. Road agencies eligible for funding include county road commissions, cities, villages, and the Michigan Department of Transportation (MDOT).

The types of projects eligible for TEDF assistance are:

- Category A** – Road improvements related to target industry development and redevelopment opportunities
- Category C** – Road improvements in urban counties to reduce traffic congestion
- Category D** – Road improvements in rural counties to create an all-season road network
- Category E** – Road improvements essential to the development of commercial forests in Michigan
- Category F** – Road improvements that support an all-season road network in the urban areas of rural counties

The above five categories support projects that complement each other in achieving the overall program mission. Category B was eliminated when the program was reauthorized in 1993.

## CATEGORY A – TARGET INDUSTRY DEVELOPMENT

The Transportation Economic Development Fund (TEDF) Category A program was established to create a funding mechanism to respond quickly to immediate and non-speculative economic development opportunities. Without TEDF Category A, the three to five year planning process for capital programs would leave transportation agencies hard pressed to respond before the private investment and consequent jobs went to another state or country.

Category A grants are used to make transportation investments that are integral to the establishment, retention, and expansion of companies that attract visitors, are natural resource based or can most easily locate anywhere in the world. They are the developments that tend to spin off other jobs and economic activity.

The targeted industries are:

- Agriculture or food processing;
- Tourism;
- Forestry;
- High technology research;
- Manufacturing;
- Mining; and
- Office centers of not less than 50,000 square feet.

Specifically, the Category A program has four objectives:

1. Improve the network of roadways essential to economic competitiveness.
2. Improve accessibility to target industries as a catalyst for economic growth.
3. Support developments that generate private investment and are anticipated to create or retain jobs.
4. Encourage economic developments that improve the health, safety, and welfare of Michigan citizens.

Under Category A, the Office of Economic Development (OED) receives applications from public road agencies for grant funding to construct projects necessary to remove the transportation impediments to private investment in Michigan. To help identify where those needs exist, the OED collaborates with entities such as the Michigan Economic Development Corporation (MEDC), Michigan Department of Agriculture and Rural Development, Prosperity Region partners, and local economic developers.

In order to address the transportation needs of an eligible private development in a reasonable timeframe, applications are accepted continually. To help avoid using public resources preparing ineligible or uncompetitive applications, the OED offers a “Letter of Interest” process to provide potential applicants advice on the viability of a full application. Applications are evaluated according to a cost versus benefits analysis to determine the merit and level of public grant participation. The OED works closely with the MEDC to help verify that the economic data provided during the application process is accurate at the time of the application. The OED also enlists MDOT’s professional engineering and planning staff

to ensure that grant funding will not only benefit the target company, but will have a benefit to all other users of the improved roadway. Eligible applicants are MDOT regions, county road commissions, and cities and villages. While private companies are not eligible for funding, they frequently contribute funding to these public projects, demonstrating the importance of the investment to their business.

To further accommodate the development timeframes of private entities, most Category A funded projects on local roadways are implemented by the Direct Grant method. Direct Grants provide the funding directly to the road agency based on the actual bids by private contractors. This method of implementation saves time by using the local road agencies' own bidding processes and scheduling with limited MDOT oversight. Local agencies are responsible for the quality and financial oversight of their projects. To ensure that public roadway funding is used properly, all Direct Grant projects are subject to audit by the State Transportation Commission. Every effort is made to determine the impact of the grant and whether the transportation needs of the companies have been met. This is accomplished through surveys to the companies and site visits following the project completion.

In addition to promoting new development and new jobs, Category A grants directly support the retention of jobs in key industries. A notable example of this is a \$1.1 million FY 2016 grant to the Iosco County Road Commission for the replacement of the Whittemore Road bridge over the East Branch of the Au Gres River. The grant will support the retention of 57 jobs at National Gypsum.

National Gypsum trucks approximately 180,000 tons of gypsum from the quarry in White Rock to the wallboard plant south of National City annually. The bridge over the East Branch of the Au Gres River on Whittemore Road is located along the main route between the two facilities.

Over time, the bridge has been downgraded from its original 60-ton weight limit to a reduced 28-ton limit. This has forced the company to reduce loads, which in turn has led to increased transportation costs. The only alternative all-season route adds an additional 12 miles to the current five mile trip. The company has indicated that if the bridge issue is not addressed, it would likely close the two facilities. Replacement of the bridge is scheduled for 2017.

**Weight-Restricted Whittemore Road Bridge over Au Gres River**



**National Gypsum, National City Facility**



## Funding Recap and Outlook

Continued growth of Michigan's economy has kept demand for Category A funding at a high level for FY 2016. As part of the FY 2016 budget, the legislature re-directed \$2 million in TEDF Category A funds to MDOT Aeronautics programs and another \$2 million to the State Trunkline Fund (STF). This action reduced the Category A appropriation to \$15.7 million for the fiscal year.

Prior to the fifth FY 2016 application review, the FY 2017 state budget was passed, redirecting all Category A revenues (\$19.8 million) to other uses. A total of \$10.4 million was directed to the STF and over \$9.4 million was directed to the General Fund. To ensure that there would be funds available to support critical economic development opportunities during FY 2017, the fifth application review for FY 2016 was cancelled.

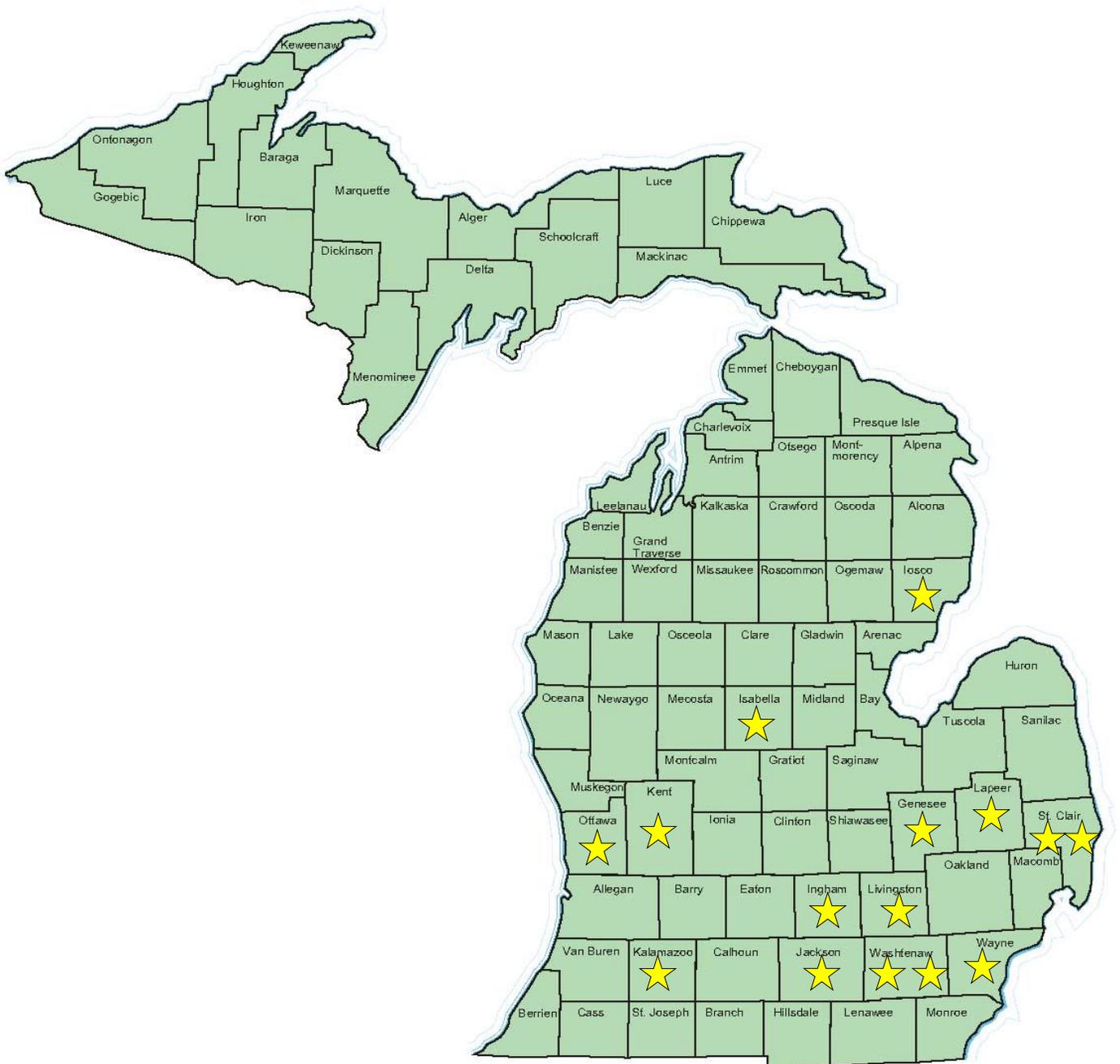
A total of 15 projects were awarded in FY2016 for a total Category A grant amount of nearly \$10.8 million. This state investment will leverage nearly \$9.5 million in match funding from federal, state, local and private sources to support \$20.3 million (i.e., a 47% match) in public roadway improvements. Despite fewer application reviews, it is anticipated that the Category A investment will leverage over \$1 billion in private investment in building upgrades and equipment at an private/public investment ratio of 95:1. Additionally, it is anticipated that the grants will support the creation or retention of over 3,000 jobs throughout the state.

The remaining FY 2016 and prior year carry-over Category A funds total approximately \$7.2 million after commitments. The office has received over \$16 million in funding requests for the first application period of FY 2017, which will result again in fewer application reviews during the fiscal year.

### CATEGORY A APPROVED PROJECT LIST FOR FY 2016

COUNTY	LOCATION	ROUTE	DEVELOPMENT	GRANT AMOUNT
Washtenaw	Pittsfield Twp	Textile Rd	Thomson Reuters, Inc.	\$1,933,400
Washtenaw	Ann Arbor Twp	Goss Rd and Woodbridge Dr	Toyota Motor Engineering & Manufacturing North America, Inc.	\$507,500
Kent	City of Walker	3 Mile Rd at Wilson Dr NW	Plasan North America, Inc.	\$164,000
St. Clair	City of Yale	Wood St	Redall Industries, Inc.	\$124,239
Ingham	East Lansing	Wilson Rd Extension, Conrad Rd, Hagadorn Rd	MSU Facility for Rare Isotope Beams	\$3,000,000
Livingston	City of Howell	McPherson Park Dr	Thai Summit America Corp.	\$267,200
Ottawa	Tallmadge Twp	Lake Michigan Dr (M-45) at First Ave	Agape Plastics, Inc.	\$297,147
St. Clair	City of Yale	Roy Dr	Mill Creek Metal Works, Inc,	\$142,371
Isabella	Fremont Twp	Walton Rd	Bandit Industries	\$302,910
Lapeer	Lapeer Twp	Wilder Rd	Kamax LP	\$600,000
Jackson	Hanover Twp	Coats Rd	Lomar Machine and Tool Company	\$269,471
Iosco	Sherman Twp	Whittemore Rd, Bridge Structure	National Gypsum	\$1,090,991
Wayne	Highland Park	Davison Freeway Service Dr	Magna Seating of America Inc.	\$777,749
Genesee	Fenton Twp	Thompson Road	Performance Fabricating (a division of Miller Industries, LLC)	\$896,000
Kalamazoo	Comstock Twp	M-96	TecNiq, Inc.	\$384,372
<b>TOTAL:</b>				<b>\$10,757,350</b>

## MAP OF CATEGORY A FY 2016 APPROVED PROJECTS



## STATUS OF CATEGORY A GRANTS APPROVED IN FY 2015

COUNTY	LOCATION	ROUTE	DEVELOPMENT	STATUS
St. Clair	St. Clair Twp	Range Road, Busha Highway (M-29), 18th Street	SMR Automotive Systems USA, Inc.	Complete
Lapeer	Lapeer	DeMille Road, Whitney Drive	Albar Industries Inc., Lapeer Plating and Plastics, Inc.	Complete
Livingston	Brighton	Brighton Interior Drive	TG Fluids Systems USA Corporation	Complete
Oakland	Lyon Twp	South Hill Road	Henrob Corporation, Hirata Corporation of America	Complete
Huron	Bingham Twp	Leppek Road	Valley Enterprises	Complete
St. Clair	Ira Twp	Marine City Highway	LTC Roll & Engineering Co., Inc.	Complete
Macomb	Harrison Twp	Executive Drive	Yangfeng USA, LLC	Complete
Calhoun	Albion Twp	M-60, 30 Mile Road	Brembo North America, Inc.	2017 Completion
Oakland	Auburn Hills	Taylor Road	TI Automotive, LLC.	2017 Completion
St. Joseph	Sturgis	Wade Street	Sturgis Molded Products	Complete
Oakland	Pontiac	Centerpoint Parkway	Challenge Manufacturing Company, LLC	Postponed
Alpena	City of Alpena	Johnson Street/Long Lake Avenue Bypass	Austin Brothers Beer Company, Specification Stone Products	2017 Construction
St. Clair	City of Port Huron and Port Huron Twp	20th and Dove Streets	Eissmann Automotive Port Huron, LLC	Complete
Wayne	City of Livonia	Hubbard Street	McLaren Performance Technologies	Postponed
VanBuren	Keeler Twp	County Road 687	Burnette Foods Incorporated	2017 Construction
Keweenaw	Allouez Twp	No. 6 Road	Neuvokas Corporation	Complete
Ingham	Alaiedon Twp	Cedar Street	Dart Container of Michigan, LLC.	2017 Construction
Clinton	Watertown Twp	Lowell Road	Triton Industries	Complete
Branch	Coldwater	Jonesville Road, Newton Road, Fiske Road Extension, 1-69 at Jonesville Road	Clemens Food Group	Multiple Phases; 2017 Completion
Kent	Grand Rapids	Michigan St, I-196 at Ionia and Ottawa Aves, Division Ave, Newberry St and Division Ave, Ottawa Ave	Michigan State University	Multiple Phases; 2017 Completion
Kent	Walker	Fruit Ridge Avenue	Irwin Seating Company	Complete
Kent	Kentwood	44th Street	Hearthside Food Solutions	2017 Completion
Macomb	Roseville	Edison Drive	MST Steel	Complete

Of the 23 grant-related projects approved in FY 2015, a total of 13 were completed in 2016, five are expected to be completed in 2017, three will begin construction in 2017, and two have been postponed.

## EXAMPLES OF CATEGORY A PROJECTS

The following are examples of Category A transportation projects completed in FY 2016 that were critical to the creation and retention of jobs in Michigan.

### Executive Drive - Macomb County

The Executive Drive project was selected to support the expansion of Yanfeng USA LLC. Yanfeng, now located in a formerly vacant facility on Executive Drive, is a Tier 1 supplier to automotive companies. They focus on the design and production of interior trim systems such as interior door panels, instrument panels, and center consoles.

Yanfeng considered expansion at a number of locations within the United States and Canada. They chose to expand at its Harrison Township location due to its proximity to its customers and a commitment to improve Executive Drive. The road was severely deteriorated in many sections and due to its condition, was no longer draining properly. This had increased the risk of severe icy conditions in winter, as well as a flooding during periods of significant rainfall.

### Executive Drive at Henry B Joy Facing North



### Executive Drive Facing South



The reconstruction of Executive Drive, and the intersection improvements at Henry B. Joy Boulevard and Production Drive has allowed Yanfeng to ship its products without restrictions. This work improved all-season access for Yanfeng and the other companies located within the industrial park. In part, as a result of the grant related work, Yanfeng purchased a vacant existing building and invested approximately \$56 million in renovating the structure to accommodate a new production facility. The expansion resulted in the addition of 519 new employees.

The total cost of the road improvements were \$2,335,200, which were financed with \$1,634,640 in TEDF Category A funds and \$700,560 from the Macomb County Department of Roads.

### **No. 6 Road - Keweenaw County**

The resurfacing and upgrade of No. 6 Road in Allouez Township in Keweenaw County was selected for FY 2015 funding to support the Neuvokas Corporation. Neuvokas is a manufacturer of a basalt fiber reinforced polymer rebar, trademarked as GatorBar, which is used in the concrete construction industry.

In order to expand its operations, the company needed a larger facility. They selected a vacant building in Allouez Township for the expansion. Associated with this expansion, the company invested \$1,575,000 for new equipment, resulting in the creation of 31 new jobs in this lightly populated Upper Peninsula community. Other locations, including in Wisconsin were considered for this development. However, in order for the Allouez Township location to work, the company needed year-round, all-season road access for the receipt of raw materials and the shipment of finished products.

To provide all-season access, the Keweenaw County Road Commission resurfaced approximately one mile of No. 6 Road with a two-inch asphalt overlay. In addition, the road commission made several shoulder and drainage improvements.

**No. 6 Road at US-41 Facing North**



### No. 6 Road at 1<sup>st</sup> Street Facing North



The overall cost of this project was \$171,139, including \$136,911 in TEDF Category A funding and \$34,228 in match from the Keweenaw County Road Commission.

### DeMille Road - City of Lapeer

To support the expansion of two Tier 1 automotive suppliers, Lapeer Plating & Plastics and Albar Industries, the City of Lapeer used a TEDF Category A grant to improve Whitney Drive and reconstruct DeMille Road from McCormick Drive to Saginaw Street.

Located on DeMille Road, Lapeer Plating & Plastic produces body side moldings, decorative trim, grilles, emblems, and badges for General Motors and Fiat Chrysler. To meet increased demand, the company is investing \$4.5 million in new molding equipment and adding 92 new full-time positions.

Albar Industries, located on Whitney Drive in Lapeer currently produces exterior and interior painted components for General Motors, Ford, Fiat Chrysler and Volkswagen. The company is investing \$520,000 in new equipment that will produce decorative automotive products. As a result of their expansion, Albar will be adding 33 new full-time positions.

### DeMille Road Facing East



### DeMille Road at South Saginaw Facing East



### DeMille Road at Bridge Over Hunters Creek Facing East



As part of the companies' decision to invest in Lapeer, assurance that maintenance of all-season access to M-24 and I-69 beyond was important. The recently completed projects will assure that access. Included in the grant related work was pavement milling and removal, sub-base repairs, drainage improvements and new asphalt pavement.

The overall cost of this project was \$1,218,382, including \$873,199 in TEDF Category A funding and \$345,183 in match from the City of Lapeer.

## CATEGORY B – STATE TRUNKLINE SERVICE – DISCONTINUED

Category B, which provided for state trunkline service that would replace city or county service, is no longer eligible for funding through the Transportation Economic Development Fund (TEDF). Category B was eliminated in 1993 when the TEDF was reauthorized.

## CATEGORY C – URBAN CONGESTION RELIEF

Funding is available through Category C of the TEDF for projects to reduce congestion on county primary and city major streets in urban counties. Eligible counties are those with a population greater than 400,000 (Wayne, Oakland, Macomb, Genesee, and Kent). State funds are allocated to eligible counties by a percentage set by statute for their specific population. The overall goal of Category C is to promote increased economic potential and improve the quality of life by reducing urban traffic congestion levels.

Specifically, the Category C program has three objectives:

1. Improve the operational level of service in heavily congested areas.
2. Reduce the accident rate on heavily congested roadways.
3. Improve the surface and base condition of heavily congested roadways.

In order to determine that these objectives will be met by improvements funded with Category C funds, Metropolitan Planning Organizations (MPOs) conduct regional analyses to determine traffic levels, air quality levels, and accident information of all roads in their areas. This information is used by their local federal aid subcommittees responsible for prioritizing projects for federal funding. Local public hearings are also held to determine the social, economic, and environmental concerns of local residents. This information is included in the planning and development process.

Based on the information collected, projects are recommended by the MPOs for Category C funding and included in the annual Transportation Improvement Plan (TIP) for the area. Due to the high cost of projects of this nature, counties are often forced to “bank” annual allocations for several years before enough dollars are available to fund their projects. Department liaisons in the Bureau of Transportation Planning work with the MPOs in this regard and provide the subsequent TIP information to the Office of Economic Development.

Once projects are completed, surface and base conditions are updated on local pavement management systems. Average daily traffic counts are done annually and the local transportation modeling system is updated using the current counts. These tools are used to determine the degree to which the projects funded have achieved the objectives for Category C. In 2016, a total of 5.5 miles of roadway were improved using Category C funding.

It should be noted that all five counties have requirements under the non-attainment or maintenance designations for United States Environmental Protection Agency's 8 Hour Ozone Ambient Air Quality Standard. Category C projects were, and continue to be, important contributors to the air quality benefits achieved in the transportation program by reducing traffic congestion and improving the operational level of service for roads that are heavily congested. In these days of falling revenues, rising costs, and aging infrastructure, the TEDF has become an important source for matching federal aid.

A list of Category C projects approved during FY 2016 follows, along with a report on the status of Category C projects approved during the previous fiscal year (FY 2015). The project costs listed includes non-Category C funds leveraged by the funding.

### CATEGORY C APPROVED PROJECTS IN THE FY 2016 TIP

County	Route	Project Limits	Project Cost
Kent	Lincoln Lake Ave NE	6 Mile to 7 Mile	\$950,333.55
Genesee	Fenton Rd	W Hemphill Rd to I-69	\$2,510,487.56
Genesee	Irish Rd	700 Ft South of Potter Rd to 700 Ft North of Potter	\$1,235,393.73
Kent	Cascade Rd	Hall St to Burton St	\$1,650,199.86
Kent	Lincoln Lake Ave	7 Mile Rd to Belding Rd	\$845,605.21
Kent	Post Dr	Pine Island Dr to Samrick Ave	\$799,668.79
Macomb	North Ave	Hall Rd to 21 Mile Rd	\$6,051,512.35
Oakland	Dequindre Rd	Burningbush to Utica Rd	\$9,048,431.86
Wayne	Six Mile Rd	Northville Rd to Haggerty Rd	\$7,209,123.23
<b>Total Project Costs</b>			<b>\$30,300,756.14</b>

### STATUS OF CATEGORY C PROJECTS IN THE FY 2015 TIP

County	Route	Project Limits	Status
Kent	56th St	Byron Center Ave to Ivanrest Ave	2017 Construction
Kent	52nd St	Patterson to Kraft	Complete
Macomb	Metropolitan Pky	Groesbeck to Gratiot	Under Construction
Oakland	S Baldwin Rd	From Morgan to Waldon	ROW Acquisition
Oakland	John R Rd	Long Lake to South Blvd	2017 Construction
Wayne	Lake Shore Rd	At Vernier Rd	Under Construction
Wayne	Cherry Hill Rd	From Beck to 500' E of Canton Center	Complete

## CATEGORY D – RURAL ALL-SEASON SYSTEM

Category D was created to establish a local all-season road system to link communities with the state trunkline system.

Specifically, the Category D program has two objectives:

1. Complement the existing state trunkline system with improvements on connecting local routes with high commercial traffic.
2. Minimize disruptions resulting from seasonal load restrictions.

During FY 2016, 124 Category D projects were selected as part of the FY 2016 State Transportation Improvement Program (STIP). These projects will allow the addition or improvement of 164 miles of all-season roads in the state. The addition of uninterrupted, year-round access provided by these routes will complement the state trunkline system, minimize disruptions and delays in transporting goods to market, and assist the transport of goods by various transportation modes.

State funds are allocated to the 78 rural counties based on their relative share of the total rural primary road mileage in the state. The counties work together through regional rural task forces to provide coordination across county lines. Due to the high cost of projects of this nature, counties are often forced to “bank” annual allocations for several years before enough dollars are available to fund their projects. Pooling annual allocations among task force members is encouraged to put the dollars to work as soon as possible.

A department liaison with the Bureau of Transportation Planning works with the task forces to identify projects appropriate for Category D funding and submits this information to the Office of Economic Development. Whenever possible, projects are coordinated with Category F (urban areas in rural counties) projects to establish all-season system continuity within cities and villages. In these days of falling revenues, rising costs, and aging infrastructure, the TEDF has become an important source for matching federal aid.

A list of Category D projects approved during FY 2016 follows, along with a report on the status of Category D projects approved during the previous fiscal year (FY 2015). The project cost listed includes non-Category D funds leveraged by the funding.

### CATEGORY D PROJECTS IN THE FY 2016 STIP

County	Route	Project Limits	Project Cost
ALCONA	F-41	Kings Corner Rd to Goddard Rd	\$277,218.36
ALGER	H44	0.25 mi west of Mahne Rd- 1.5 mi east	\$447,455.87
ALLEGAN	12th St	129th Avenue to 135th Avenue	\$3,000,000.00
ALLEGAN	124th Ave	West of US-131 to 15th Street	\$1,500,000.00
ALLEGAN	4th St	122nd Avenue to 124th Avenue	\$869,805.93
ARENAC	Sterling Rd	Deep River to Grove Rd	\$389,113.72
BARAGA	Main St, L'Anse	Broad St to Jentoff	\$1,000.00
BARAGA	E Broad St	US41-Fourth St, L'Anse	\$1,000.00

BARAGA	Skanee Rd	Town Rd Easterly	\$1,750,000.00
BARAGA	Skanee Rd	1.8 Mi E of Townline	\$225,000.00
BARAGA	Portice Rd	Skanee Rd to Lower Skanee Rd	\$406,138.00
BAY	Farley Rd	M-25 to M-138	\$1,128,178.48
BAY	Farley Rd	Cass to M-138	\$600,000.00
BAY	Farley Rd	Cass to M-138	\$600,000.00
BAY	Cass Rd	Jones to Farley	\$667,696.55
BENZIE	Lindy Rd	M-115 to West Thompsonville VL	\$395,814.51
BERRIEN	All weather road project	TBD	\$702,000.00
BERRIEN	Shawnee Rd	Cleveland Ave to Hills Rd	\$334,062.01
BRANCH	Orland, Southern, Rierson	Bronson city limits to west Southern Rd	\$389,574.98
BRANCH	S Matteson St	S. City Limits - N. City Limits	\$715,524.37
CALHOUN	T Drive South	Old 27 to 18 Mile and 22 Mile to M99	\$735,000.00
CALHOUN	Bellevue Rd	McAllister to 13 Mile Rd	\$767,902.15
CASS	Marcellus Hwy	Griffis - Decatur	\$69,307.67
CASS	Dailey Rd	Beeson S 1.0 Mile	\$79,697.31
CASS	Brownsville St	Township Line - Eagle Point	\$79,976.00
CASS	Calvin Center Rd	from Mason Rd south for 0.6 mile	\$52,115.98
CASS	Marcellus Hwy	Lawrence - Township line	\$58,367.89
CASS	Marcellus Hwy	Gards Prairie to Goodenough	\$167,263.06
CHEBOYGAN	Onaway Rd	Martha - 560' E of I-75	\$191,937.56
CHIPPEWA	Town Line Rd	Hancock to M-129	\$427,315.55
CHIPPEWA	Gogomain Rd	M-129 To Pennington Rd.	\$528,910.40
CLARE	S Harrison Ave	Mannsiding Rd to Gladwin Rd	\$196,000.00
CLARE	Lake Station Ave	Dunlop to Lake Station Ave	\$325,000.00
CLARE	Countywide	20.78 miles at 9 locations	\$618,620.86
CRAWFORD	County Rd 612	Big Creek Rd - Oscoda CL	\$768,278.00
CRAWFORD	County Rd 612	Jones Lake Rd to KP Lake Rd	\$105,807.76
DELTA	County Rd 426	from Carroll's Corner (intersection of 426 and 420	\$628,607.75
DELTA	CR 414	from County Rd 426 to Soo Hill School	\$256,175.35
DICKINSON	County Rd 569	6.25 miles N of US-2 to 7.5 miles N of US-2	\$340,350.60
EMMET	N Conway Rd	Hathaway Rd - Edward Rd	\$475,287.00
EMMET	West Central Avenue	DeJauncy to Wilderness Park Dr	\$1,389,380.89
GLADWIN	Knox Rd	Shock Rd to Long Rd	\$539,610.96
GOGEBIC	Lake Rd	Vanderhagen Rd – N and W along roadway	\$373,395.54
GRAND TRAVERSE	Blackman Rd/Fenton St	County Line Rd to Fenton St./ VL to Blackman Rd.	\$784,498.14
GRATIOT	Washington Rd	0.5 miles W of N Luce Rd to Jerome Rd	\$91,232.80
GRATIOT	Arnold Rd	M57 to Wallace, Village of Ashley	\$70,000.00
GRATIOT	State Rd	M57 to Grant Rd	\$55,982.00
HILLSDALE	Reading Rd	Reading VL to Hillsdale Rd	\$93,473.19
HURON	Main Street	RxR to Village Limit, Elkton	\$157,876.88
HURON	Main Street	Notter to Caseville	\$186,315.68
INGHAM	Barnes Rd	Countywide	\$95,546.00
INGHAM	Aurelius/Byrum/Kinneville	Bellevue to Barnes	\$1,028,089.29
INGHAM	Haslett Rd	Williamston Rd to M-52	\$194,960.25
INGHAM	Holt Rd	Meridian to Zimmer	\$278,087.00
IOSCO	Alabaster Rd	Sand Lake Rd to National City Rd	\$284,665.56
IRON	CR 424	2 mile hill - Kolbas	\$330,000.00

IRON	CR 424	East Gaastra City Limit to 2 Mile hill	\$473,743.11
JACKSON	N Main St	M-60 to Village Limits	\$298,565.15
JACKSON	S Dearing Rd	County Farm to McCain	\$397,963.51
JACKSON	Mt.. Hope and Francisco Rds	VL to I-94 and E Michigan to I-94	\$361,098.48
KALKASKA	Starvation Lake Rd NE	Starvation Lake Rd from CR 571 east 1.2 miles	\$547,756.23
KALKASKA	Starvation Lake Rd	E. of Cunningham Rd. to W. of Sunset Tr	\$497,075.26
KEWEENAW	Five Mile Point Rd	Daniel St to Pine Dr	\$255,000.00
KEWEENAW	Gay LacLaBelle Rd	10.5 Miles NE of Gay thence NE 3.5 Miles	\$328,978.70
LAKE	56th Street	from Broadway to South Kings Hwy	\$433,499.86
LAKE	5 Mile Rd	N State Rd to N Kings Hwy	\$515,395.00
LAKE	56th Street	From the west county line to east of South Branch	\$75,998.92
LAPEER	Columbiaville Rd	Lonsberry Rd to M-24	\$1,487,298.84
LENAWEE	Tecumseh Clinton Hwy	Tecumseh CL - Clinton VL	\$400,000.00
LENAWEE	Holloway Rd	Palmer Rd to Buckholtz Hwy	\$1,204,805.31
MACKINAC	Sandtown Rd	Forrest Trail westerly 0.5 Mi	\$93,204.55
MACKINAC	Rockview Rd	M-129 to 3 Mile	\$178,956.50
MARQUETTE	CR 557	1.2 miles north of CR-438 to 0.5 miles south of CR	\$532,131.45
MASON	Hansen Rd	Dennis Rd to Stiles Rd	\$921,923.93
MECOSTA	Pierce Rd/100th Avenue	130th to Buchanan	\$173,949.40
MECOSTA	5 Mile Rd	40th Ave to 70th Ave	\$113,395.98
MENOMINEE	County Rd 360	E of M2 Rd	\$250,000.00
MENOMINEE	County Rd 360	E of M2 Rd	\$250,000.00
MENOMINEE	Countywide PM	2.71 miles on various roads countywide	\$72,151.88
MIDLAND	S Coleman Rd	Shepherd to 0.5 mi south of Bradford Rd	\$150,000.00
MIDLAND	Shearer Rd	Jefferson Rd to one mile west	\$301,875.50
MIDLAND	Multiple Locations	Multiple locations in Midland County.	\$840,608.19
MONROE	US Turnpike	Port Sunlight Rd to 0.2 mi north of Reau	\$141,664.43
MONROE	Ida West Rd	Road Commission Dr to 400 Ft. west of Lewis Ave	\$2,892,097.95
MONROE	Oakville Waltz Rd	from Rawsonville Rd to Sumpter Rd	\$125,963.91
MONTCALM	CR 582	US 131 to west village limits of Howard City	\$124,979.00
MONTCALM	Shaw Street	West Howard City Village Limits to CR 599	\$1,727,400.00
MONTCALM	W Sidney Rd	West County Line to M-91	\$380,670.00
MONTMORENCY	County Rd 624	Rush Lake Rd to Voyer Lake Rd	\$766,795.40
MUSKEGON	Fruitvale and Whitbeck Rds	Fruitvale and Whitbeck Rds	\$809,865.00
NEWAYGO	88th Street	Redwood east to Catalpa	\$1,013,050.05
OGEMAW	State Rd	0.3 miles west of Pettit Rd to Henderson Lake Rd	\$454,151.63
ONTONAGON	Bond Falls Rd	Middle Branch Ontonagon River to S. Agate Rd	\$772,458.00
ONTONAGON	Tin St	US-45 (River St) - Michigan St	\$12,500.00
ONTONAGON	Copper St	US-45 (River St) - Michigan St	\$12,500.00
ONTONAGON	Quartz St	US-45 (River St) - Michigan St	\$12,500.00
ONTONAGON	Airport Rd	Michigan Ave to Paul Bunyan Ave	\$150,000.00
ONTONAGON	E. Shore Rd	Gogebic County Line 1.25 mi North	\$250,000.00
ONTONAGON	North 7th Street	Michigan Ave to Paul Bunyan Ave	\$150,000.00
OSCEOLA	135th Avenue	US10 South to Kalium Plant	\$133,883.43
OSCEOLA	Mackinaw Trail Rd	11 Mile to 14 mile	\$736,438.68

OSCEOLA	80th Avenue	15 Mile to M-115	\$203,795.46
OSCODA	Mapes Rd	Park Rd-Zimowske	\$500,000.00
OSCODA	Kittle Rd	Camp Ten Rd to M-33	\$265,474.82
OTTAWA	Leonard Rd	148th Ave to 130th Ave	\$1,260,000.00
OTTAWA	Adams Street	24th Avenue to Kenowa	\$889,608.18
PRESQUE ISLE	County Rd 451	Molski Rd - W 634 Hwy	\$294,486.77
PRESQUE ISLE	CR 451	Mill Hwy - W of CR 638	\$325,991.96
ROSCOMMON	F-97 (Maple Valley Rd)	Sargent Rd to Rustic Ridge Rd	\$235,215.99
SANILAC	Deckerville Rd	Decker Rd to Shelden	\$1,443,235.32
SANILAC	East Marlette Street	Main St (M-53) to Municipal Dr	\$178,514.57
SCHOOLCRAFT	Oak St	Range St to Cattaraugus, Manistique	\$61,540.00
SCHOOLCRAFT	CR 450	7.0 to 7.45 miles north of M-28	\$93,794.47
SCHOOLCRAFT	CR 437	3.2 Mi W of M94	\$94,000.00
SCHOOLCRAFT	CR 447	0.3 mi east of M-77 to 1.0 mi east of M77	\$93,785.04
SHIAWASSEE	State Rd and Easton Rd	Easton - .25 Mi N of Intersection	\$717,559.12
ST. JOSEPH	Fulton/Wattles	M-60, M-86 to Kalamazoo County Line, Branch	\$82,863.30
VAN BUREN	County Rd 681	77th-CR352	\$680,000.00
VAN BUREN	CR 354	29th Street - Lawton South Village Limits	\$525,000.00
VAN BUREN	County Rd 354	29th - Lawton VL	\$470,000.00
VAN BUREN	County Rd 681	77th Ave - CR 352	\$546,000.00
VAN BUREN	Kalamazoo Street	Oak Street to East Village Limits	\$499,639.50
WASHTENAW	Old US12, Plymouth, Whitmore	Sylvan Rd to Pierce Rd, Plymouth Rd from 580	\$547,388.36
WEXFORD	29 Rd and 31 Rd	29 Rd from 24 Rd north 2.01 miles and 31 Rd from 16 Rd north 0.98 mile	\$268,902.97
		<b>Total</b>	<b>\$59,323,706.91</b>

### STATUS OF CATEGORY D PROJECTS IN THE FY 2015 STIP

County	Route	Project Limits	Status
Alcona	F-41	M72 to Village of Lincoln	Complete
Alcona	Barlow Rd	M72 to Village of Lincoln	2019 Construction
Alger	Connors Rd	M-28 to Lehnen Rd	Complete
Alger	H-15	M-28 extending 5 miles North	2017 Construction
Allegan	Blue Star Hwy	VL-VL, Douglas	2017 Construction
Allegan	Blue Star Hwy	S. Village limits to N of Wiley	Complete
Allegan	North Shore Dr, 72 <sup>nd</sup> , 103 <sup>rd</sup>	I-196 eastside ramps to 70th St	Complete
Antrim	Alba Highway (C 42)	US-131	Complete
Antrim	CR 42	US-131 - East	2017 Construction
Arenac	Sterling Rd	East Village Limits to Deep River Rd	Complete
Arenac	Sterling Rd	Old M76 to Village Limits	Complete
Baraga	Lambert Rd	US-41 Westerly	2017 Construction
Benzie	Goose Rd	US 31 to Pioneer Rd	Complete
Berrien	Red Arrow Hwy	Cherry Beach Rd to 400 ft south	Under Construction
Berrien	Red Arrow Hwy	South City Limits of Bridgman to .9 mi south	2017 Construction

County	Route	Project Limits	Status
Cass	Calvin Center Rd	Mason north 1.0 mile	Complete
Cass	Marcellus Hwy	Gerhardt west 1.0 Mi	Complete
Cass	Dailey Rd	Beeson - Peavine	Complete
Cass	Brownsville St	Eagle Point - Crooked Creek	Complete
Cass	Dailey Rd	Curtis - Yankee	Complete
Charlevoix	Court St and Lake St	Lynn St to N Park & Court St	Complete
Cheboygan	South Huron Ave	US23 to Central Ave, Village of Mackinaw City	Complete
Cheboygan	Devereaux Lake Rd	M-33 to Mullett Lake Rd	Under Construction
Chippewa	Mackinaw Trl	Gaines Hwy - 12 Mile Rd	Complete
Clare	Mannsiding Rd	Harrison Avenue to US 127	Complete
Clare	Cook Ave	Haskel Lake Rd to Claroskee Rd	2017 Construction
Clinton	Wacousta Rd	over Looking Glass River	Complete
Clinton	N Grange Rd	Townsend to Colony	2017 Construction
Clinton	Wacousta Rd	Over Looking Glass River	2017 Construction
Clinton	Wacousta Rd	Clark to Howe	Complete
Crawford	North Down River Rd	Stephan Bridge Rd to 850 ft. east of Range 39	Complete
Delta	County Rd 521	M35 - US2	Suspended
Delta	County Rd 521	S. of US-2/41 to 2.47 miles south	Complete
Delta	County Rd 426	Carroll's Corner to 3 miles west	Under Construction
Dickinson	Sawyer Lake Rd	from Race Landing Rd to Newberg Rd	Complete
Eaton	Marshall Rd	Nye - Oliver V.L.	Complete
Emmet	Powers Rd	North Conway to Luce Rd	Under Construction
Gladwin	Three Rivers Rd	Ridge Rd E - 057 Mi N of Ridge Rd W	Complete
Gogebic	Chaney Lake Rd	4.82 mi South of Linna Rd - South 3.67 mi	Complete
Grand Traverse	Supply Rd	Union Twp Line South 1 Mile	Suspended
Grand Traverse	Cedar Run Rd	Gray to Barney Rd	Under Construction
Gratiot	Luce Rd	M46 to .5 mile north of Adams	Under Construction
Gratiot	Ransom Rd	Grant to Buchanan	Under Construction
Hillsdale	Litchfield Rd	at Sand Creek	Suspended
Hillsdale	Camden Rd	Waldron Rd - US-127	Suspended
Hillsdale	Hillsdale Rd	SVL - NVL; Village of North Adams	Complete
Huron	Kinde Rd	M25-Pinnebog Rd	Complete
Ionia	State St/Hubbardston Rd	S Village Limits (M-21) to N Village Limit	Complete
Iosco	Lincoln St	Robert Elliot Blvd. to East City Limits	2017 Construction
Iosco	Turtle Rd	National City Rd to Au Gres River bridge	Complete
Iron	CR 424	Gaastra City Limit to 2 Mile hill	2017 Construction
Isabella	Rosebush Rd	Chippewa - E. Co. Line	Under Construction

County	Route	Project Limits	Status
Jackson	Moscow Rd, Lansing Ave	Moscow UB to SCL, Lansing Ave, Henry to NCL	Complete
Kalkaska	Rapid City Rd	M-72 to North County Line	Complete
Keweenaw	Mohawk-Gay Rd	US-41 southeast 4.1 Miles	Complete
Keweenaw	Five Mile Point Rd	Daniel St - N Farmers Block Rd	Complete
Lapeer	Lake Pleasant Rd	Oak Grove Rd- Martus Rd	Complete
Lapeer	Lake Pleasant Rd	Lum to Vernor	Complete
Lenawee	Countywide	Various Roads Countywide	Complete
Livingston	Grand River Ave	40 feet west of Wallace Rd to 749 feet east	Complete
Luce	County Rd 405 North	M28 to Newberry VL	Complete
Mackinac	McGahn Rd	County Line east 0.5 miles	Complete
Mackinac	Swede Rd	M-48 westerly .5 miles	Complete
Mackinac	H-42	from 2.7 miles east of CL Rd east 3.6 miles	Complete
Manistee	Various Routes	Countywide	Complete
Marquette	CR 426	Delta County Line - Westerly 1.5 miles	Complete
Mason	W Anthony Rd	Pere Marquette Hwy - Stiles	2017 Construction
Mecosta	Hoover Rd/180th/ 21 Mile	185th to 160th Ave	Complete
Mecosta	Various	Various	Complete
Mecosta	Pierce Rd	Stanwood Dr to 130th	Complete
Mecosta	Pierce Rd	110th to Buchanan	2017 Construction
Mecosta	5 Mile Rd	40th Ave to 110th Ave	2017 Construction
Mecosta	16 Mile Rd	130th Ave to .25 miles north of 110th Ave	Complete
Menominee	County Rd 577	Klippel Lane-Chalk Hills Rd	2017 Construction
Menominee	County Rd 358	Badish Rd to K1 Rd	Complete
Midland	Various Roads	Geneva Rd - Coleman CL	Complete
Monroe	Lewis Ave	from Rauch Rd to Todd Rd	Under Construction
Monroe	Lewis Ave	from Pickard Rd to Rauch Rd	Under Construction
Montcalm	W County Rd 522	Trufant to Satterlee	Complete
Montcalm	Derby Rd (CR 585)	CR 522 to Spruce	Complete
Newaygo	Spruce Ave	100th to M-82	Complete
Newaygo	Cypress Ave	1200' N 112th St. to 88th Street	Complete
Newaygo	88th St	Redwood east to Catalpa	2017 Construction
Newaygo	120th	Between Spruce and Peach	2017 Construction
Newaygo	Catalpa	88th St to Catalpa and 95th St	2017 Construction
Oceana	Johnson St	Peach Street to State Street, City of Hart	Complete
Ogemaw	State Rd	Gerald Miller to 0.3 miles west of Petitt Rd	Under Construction
Ontonagon	Mud Creek Rd	Rousseau Rd-Fox Rd	2017 Construction
Ontonagon	L P Walsh Rd	N. end of M-64 to SW end of M-64	Under Construction

County	Route	Project Limits	Status
Osceola	14 Mile Rd	210th Ave to CL	Complete
Osceola	80th Ave	7 Mile to Jefferson St	2017 Construction
Osceola	20 Mile Rd	Lakola - US 131	Complete
Ottawa	Lakeshore Ave	New Holland St to Butternut Dr	Complete
Presque Isle	County Rd 451	Montmorency County Line - Molski Rd	Complete
Roscommon	County Rd 100	Burdell Rd to I-75 Bridge	Complete
Sanilac	Snover Rd	M19 to North Sandusky	Complete
Schoolcraft	CR 447	2.0 Mi E of M77	2018 Construction
Schoolcraft	County Rd 450	6.6 mi N. of M-28 to 7.0 miles N of M-28	Complete
Schoolcraft	Countywide	Various Roads	Complete
St. Clair	Capac Rd	from Koehn Rd to the Capac Village Limits	Complete
St. Clair	Fred W Moore Hwy	0.50 miles east of Allington Rd to 0.25 miles	Complete
St. Clair	Fred W Moore Hwy	0.25 miles west of Wadhams Rd to 0.5 miles	Complete
St. Joseph	Pulver	Hoffman to Lone Tree	2017 Construction
Tuscola	Cemetery Rd	over Cass River	Under Construction
Tuscola	Vassar Rd	Elmwood Rd to M-25	Complete
Tuscola	Main Street	Trend to M-24	Complete
Tuscola	Ormes Rd	Vassar - M15	Complete
Tuscola	Birch Run Rd	M15 to Sheridan	Complete
Van Buren	County Rd 681	71st Ave to 77th Ave	Under Construction
Washtenaw	Old US 12	from Rank Rd to Sylvan Rd	Under Construction
Wexford	48 Rd	Various Locations County Wide	Complete

## CATEGORY E – FOREST ROADS

Category E was established to aid in the safe and efficient collection and transport of forest raw materials.

Specifically, the Category E program has two objectives:

1. Increase access to harvestable forest resources.
2. Increase the safety and efficiency of forest raw material transport.

Funds are distributed by the department directly to the county road commission in each of the 47 qualified counties. Category E funding is limited to county road commissions of counties in which a national lakeshore or national park is located or in which 34 percent or more is commercial forest land.

### CATEGORY E REVENUE ALLOCATION BY COUNTY FOR FY 2015

Co	County	Amount	Co	County	Amount	Co	County	Amount
1	Alcona	\$100,023	27	Gogebic	\$202,307	56	Midland	\$48,137
2	Alger	\$172,195	28	Grand Traverse	\$49,671	57	Missaukee	\$66,706
4	Alpena	\$71,047	31	Houghton	\$167,648	60	Montmorency	\$98,559
5	Antrim	\$51,107	35	Iosco	\$73,299	61	Muskegon	\$53,718
6	Arenac	\$30,253	36	Iron	\$213,436	62	Newaygo	\$101,169
7	Baraga	\$167,485	40	Kalkaska	\$82,665	64	Oceana	\$48,398
10	Benzie	\$43,148	42	Keweenaw	\$111,248	65	Ogemaw	\$71,634
15	Charlevoix	\$45,232	43	Lake	\$97,841	66	Ontonagon	\$220,191
16	Cheboygan	\$119,641	45	Leelanau	\$39,593	67	Osceola	\$51,172
17	Chippewa	\$230,373	48	Luce	\$152,864	68	Oscoda	\$100,256
18	Clare	\$70,394	49	Mackinac	\$171,107	69	Otsego	\$85,113
20	Crawford	\$89,062	51	Manistee	\$73,593	71	Presque Isle	\$87,104
21	Delta	\$187,490	52	Marquette	\$316,694	72	Roscommon	\$80,511
22	Dickinson	\$122,905	53	Mason	\$48,300	75	Schoolcraft	\$177,308
24	Emmet	\$63,704	54	Mecosta	\$40,043	83	Wexford	\$81,686
26	Gladwin	\$62,921	55	Menominee	\$161,023			
<b>Annual Total:</b>								<b>\$4,999,974</b>

Each county road commission determines which road projects will be funded with Category E funds; however, the projects must be directly related to the collection and transport of forest raw products. Distribution is based on the percentage of acres of commercial forest, national park, and lakeshore land that each eligible county contains relative to all qualified counties in the state.

Each county road commission receiving Category E funds submits a report on a calendar year basis. These reports include information on the road improved, the type of work involved, and the cost of the improvements. The list of Category E road improvements completed during FY 2015, the latest year available, follows. The project cost listed includes non-Category E funds leveraged by the funding.

## CATEGORY E FOREST ROADS REPORT FOR FY 2015

County	Road Name	Location	Amount	Project Type
Alcona	F-41	Gustin Twp	\$12,000.00	Reconstruction
Alcona	Bamfield Rd	Curtis Twp	\$27,000.00	Reconstruction
Alcona	McConnell Rd/Pine River	Hawes Twp	\$19,000.00	Culvert Replacement
Alcona	Trask Lk/Pine River	Hawes Twp	\$17,000.00	Culvert Replacement
Alcona	Alvin/Grey Creek	Mikado Twp	\$18,000.00	Culvert Replacement
Alcona	Brodie Rd/Smith Creek	Curtis Twp	\$46,000.00	Culvert Replacement
Alcona	Goddard Rd	Mikado Twp	\$43,000.00	Culvert Replacement
Alcona	Mt. Maria Rd	Hawes Twp	\$3,000.00	Reconstruction
		<b>Total for Alcona</b>	<b>\$185,000.00</b>	
Alger	Primary and Local Roads	Autrain Twp	\$3,356.81	Resurfacing
Alger	Primary and Local Roads	Autrain Twp	\$25,437.82	Gravel Surfacing
Alger	Primary and Local Roads	Burt Twp	\$1,405.20	Resurfacing
Alger	Primary and Local Roads	Burt Twp	\$4,218.36	Gravel Surfacing
Alger	Primary and Local Roads	Burt Twp	\$1,399.20	Culvert Replacement
Alger	Primary and Local Roads	Limestone Twp	\$3,838.50	Gravel Surfacing
Alger	Primary and Local Roads	Limestone Twp	\$450.84	Culvert Replacement
Alger	Primary and Local Roads	Mathias Twp	\$166.76	Resurfacing
Alger	Primary and Local Roads	Mathias Twp	\$2,016.00	Culvert Replacement
Alger	Primary and Local Roads	Onota Twp	\$390.30	Resurfacing
Alger	Primary and Local Roads	Onota Twp	\$77.10	Gravel Surfacing
Alger	Primary and Local Roads	Onota Twp	\$447.60	Culvert Replacement
Alger	Primary and Local Roads	Grand Island Twp	\$332.93	Resurfacing
Alger	Primary and Local Roads	Grand Island Twp	\$77.10	Gravel Surfacing
Alger	Primary and Local Roads	Rock River Twp	\$4,312.85	Resurfacing
Alger	Primary and Local Roads	Rock River Twp	\$8,657.60	Gravel Surfacing
Alger	Primary and Local Roads	Rock River Twp	\$4,641.44	Culvert Replacement
Alger	Primary and Local Roads	Munising Twp	\$16,010.59	Resurfacing
Alger	Primary and Local Roads	Munising Twp	\$75,560.31	Gravel Surfacing
Alger	Primary and Local Roads	Munising Twp	\$15,555.10	Culvert Replacement
		<b>Total for Alger</b>	<b>\$168,352.41</b>	
Alpena	Nicholson Hill-Bushey-Spruce	Ossineke	\$166,000.00	Resurfacing
		<b>Total for Alpena</b>	<b>\$166,000.00</b>	
Antrim	Alba Highway (C-42)	Star Twp	\$51,104.36	Resurfacing
		<b>Total for Antrim</b>	<b>\$51,104.36</b>	
Baraga	Froberg Rd	Baraga Twp	\$15,000.00	Matching Funds
Baraga	Dynamite Hill Rd	L'Anse Twp	\$70,000.00	Resurfacing
Baraga	Biltonen Rd	Arvon Twp	\$30,000.00	Resurfacing
Baraga	Menge Creek Rd over Menge Creek	Baraga Twp	\$10,000.00	Culvert Replacement
Baraga	Imperial Heights Rd	Spurr Twp	\$30,000.00	Matching Funds
Baraga	Plains Rd	Covington Twp	\$2,476.11	Matching Funds
Baraga	Menge Creek Rd (North)	L'Anse Twp	\$5,000.00	Bridge Replacement
Baraga	Menge Creek Rd (South)	L'Anse Twp	\$5,000.00	Bridge Replacement
		<b>Total for Baraga</b>	<b>\$167,476.11</b>	
Benzie	Long Rd/Deer Track Trail	Colfax Twp	\$6,275.00	Culvert Replacement

County	Road Name	Location	Amount	Project Type
Benzie	Aral Rd	Platte Twp	\$216.43	Culvert Replacement
Benzie	Tucker Rd	Almira Twp	\$13,302.00	Culvert Replacement
Benzie	Valley Rd	Homestead Twp	\$9,758.00	Culvert Replacement
Benzie	Reynolds Rd	Colfax Twp	\$13,717.00	Bridge Recondition
		<b>Total for Benzie</b>	<b>\$43,268.43</b>	
Charlevoix	Camp Sherwood, Erickson, Horton Creek, Reycraft	Bay Twp	\$1,310.89	Gravel Surfacing
Charlevoix	Addis, Beeyards, Bisque, Cherry Hill, Sheriff	Boyne Valley Twp	\$10,487.27	Gravel Surfacing
Charlevoix	AshmanHill, ChandlerHill, Great Lakes, Harmon, Howard, Hughes, Magee, Matz, N Charlevoix, N County Line, Peet	Chandler Twp	\$4,000.00	Gravel Surfacing
Charlevoix	Penfold, Ravine, Town Pump, Walton, Wilderness	Chandler Twp	\$968.10	Gravel Surfacing
Charlevoix	Bell's Bay, Lake Shore Dr	Charlevoix Twp	\$426.76	Gravel Surfacing
Charlevoix	Erickson, Fineout, Griffin, Kent	Evangeline Twp	\$1,266.08	Gravel Surfacing
Charlevoix	Bracey, Holy Island, Loomis, Phelps, Reich, Sanderson, Saunders, Sequanota, Shaler, Wangeman, Washington, Wurn	Eveline Twp	\$7,262.78	Gravel Surfacing
Charlevoix	Church, Dalton, East Susan, Maple Grove, Park View, S Boyne, Stephens, Stolt, Undine, Willis	Hayes Twp	\$2,534.00	Gravel Surfacing
Charlevoix	Baker, Balog, Beeyards, Booth Lake, Bows Lake, Kuzmik, Magee, Tower	Hudson Twp	\$4,771.75	Gravel Surfacing
Charlevoix	Beck, Clark, Ferry, Klooster, Loeb, Skiel, Veenstra, Wickersham	Marion Twp	\$5,631.17	Gravel Surfacing
Charlevoix	Fiel, Holms, Matz, Padgett, White	Melrose Twp	\$2,647.57	Gravel Surfacing
Charlevoix	Clipperview, Gennett, Lake Shore, Old Orchard, Richardson, Schmidt, Spayde, Swanson, Vratanina	Norwood Twp	\$6,982.77	Gravel Surfacing
Charlevoix	Cosier, Crawford, Dennis, DesJardin, Detour, Dutchman Bay, Flagg, LaCroix, Lee, Metz, Nelson, Pettigrew, Ranney	South Arm Twp	\$11,021.80	Gravel Surfacing
Charlevoix	Bergmann, Cosier, Cummins, DeMaio, Dutchman Bay, Dyer, Fuller, Lee, Pesek, Rogers, Sloop, Zink	Wilson Twp	\$12,006.45	Gravel Surfacing
Charlevoix	Barney's Lake, Camp 3, Fishing Site, Fox Lake, French Bay, Hannigans, Johnny Martin's, Kings Hwy, West Side	Peaine Twp	\$3,685.34	Gravel Surfacing
Charlevoix	Gull Harbor, Island Woods	St James Twp	\$445.07	Gravel Surfacing
		<b>Total for Charlevoix</b>	<b>\$75,447.80</b>	
Cheboygan	Riggsville Rd	175-E Burt Lake Rd/Burt Twp	\$119,635.00	Reconstruction
		<b>Total for Cheboygan</b>	<b>\$119,635.00</b>	

County	Road Name	Location	Amount	Project Type
Chippewa	13 Mile Rd	T45N: R1E; Sec 1&2: R2E; Sec 6	\$297,459.88	Reconstruction
		<b>Total for Chippewa</b>	<b>\$297,459.88</b>	
Clare	Arnold Lake Rd	Franklin Twp	\$6,059.85	Resurfacing
Clare	Rodgers Rd	Franklin Twp	\$60,329.85	Resurfacing
Clare	Townline Creek North Clare Ave	Frost Twp	\$657,865.73	Bridge Replacement
Clare	Twin Lakes Long Lake Rd	Winterfield Twp	\$185,107.86	Resurfacing
Clare	Claroskee	Winterfield Twp	\$581.66	Gravel Surfacing
Clare	Pine Rd	Winterfield Twp	\$424.76	Bridge Replacement
Clare	Cranberry	Hayes Twp	\$218,057.16	Resurfacing
Clare	Fishermans Dr, Golden Acre Sub	Freeman Twp	\$291,210.26	Gravel Surfacing
		<b>Total for Clare</b>	<b>\$1,419,637.13</b>	
Crawford	Hartwick Pines	Grayling Twp	\$89,985.06	Reconstruction
		<b>Total for Crawford</b>	<b>\$89,985.06</b>	
Delta	Forest Hwy 13	Over Sturgeon River	\$80,000.00	Bridge Recondition
		<b>Total for Delta</b>	<b>\$80,000.00</b>	
Dickinson	Leeman Rd	Sagola Twp	\$42,723.10	Matching Funds
Dickinson	County Rd 569	Breen Twp	\$18,968.41	Gravel Surfacing
Dickinson	Leeman Rd	Sagola Twp	\$20,607.71	Gravel Surfacing
Dickinson	County Rd 581	Felch Twp	\$43,197.88	Gravel Surfacing
Dickinson	County Rd 426	Felch & Sagola Twp	\$13,346.15	Gravel Surfacing
		<b>Total for Dickinson</b>	<b>\$138,843.25</b>	
Emmet	Levering Rd	Cross Village Twp	\$12,045.61	Resurfacing
Emmet	Canby Rd	Bliss Twp	\$9,705.79	Resurfacing
Emmet	Luesing Rd	Carp Lake Twp	\$6,445.90	Resurfacing
Emmet	Townline Rd	Friendship Twp	\$5,000.00	Resurfacing
Emmet	Multiple Rds	McKinley Twp	\$2,721.24	Gravel Surfacing
		<b>Total for Emmet</b>	<b>\$35,918.54</b>	
Gladwin	Cedar Lake Rd	Clement	\$29,949.42	Resurfacing
Gladwin	Bay-Gladwin Rd	Grim	\$10,000.00	Resurfacing
Gladwin	School Rd	Bourret	\$15,896.89	Resurfacing
Gladwin	Hockaday Rd	Gladwin	\$7,071.45	Resurfacing
		<b>Total for Gladwin</b>	<b>\$62,917.76</b>	
Grand Traverse	Numerous Gravel & Seasonal Rds	Grand Traverse County	\$49,669.00	Gravel Surfacing
		<b>Total for Grand Traverse</b>	<b>\$49,669.00</b>	
Houghton	Pike River Rd	Chassell Twp	\$114,523.98	Reconstruction
Houghton	Gregorie Rd	Schoolcraft Twp	\$31,514.53	Reconstruction
Houghton	Gedvillas Rd	Stanton Twp	\$16,992.20	Reconstruction
Houghton	Hubbard Ave	Adams Twp	\$2,166.85	Reconstruction
Houghton	Klingville Rd	Chassell Twp	\$2,441.72	Reconstruction
		<b>Total for Houghton</b>	<b>\$167,639.28</b>	

County	Road Name	Location	Amount	Project Type
Iosco	Monument Rd	Oscoda & Wilber Twps	\$361,546.98	Resurfacing
Iosco	F-41	Oscoda Twp	\$108,194.53	Reconstruction
		<b>Total for Iosco</b>	<b>\$469,741.51</b>	
Iron	CR 424	Mastodon	\$16,722.84	Resurfacing
Iron	CR 424	Stambaugh	\$10,678.97	Resurfacing
Iron	CR 643	Crystal Falls Hematite	\$5,811.21	Bridge Recondition
Iron	CR 643	Bates	\$57,286.87	Bridge Recondition
Iron	CR 643	Bates	\$61,813.79	Bridge Recondition
Iron	Idelwild	Crystal Falls	\$4,176.80	Resurfacing
Iron	Lind Rd	Crystal Falls	\$931.87	Resurfacing
Iron	Sunset Lake	Bates	\$14,891.92	Culvert Replacement
Iron	Sunset Lake	Bates	\$2,829.87	Culvert Replacement
Iron	Sunset Lake	Bates	\$2,031.67	Resurfacing
Iron	Gibbs City	Iron River	\$1,143.41	Resurfacing
Iron	Marinello Rd	Stambaugh	\$2,166.97	Resurfacing
Iron	Forseberg Rd	Bates	\$2,994.00	Gravel Surfacing
Iron	Heikkila Rd	Bates	\$4,599.53	Gravel Surfacing
Iron	Little Finland Rd	Bates	\$21,166.22	Gravel Surfacing
Iron	Wierschke Rd	Mastodon	\$2,865.78	Gravel Surfacing
Iron	Jule Lake Chicken Farm Wepsala	Mastodon	\$1,307.61	Gravel Surfacing
		<b>Total for Iron</b>	<b>\$213,419.33</b>	
Kalkaska	Beebe Rd	Kalkaska Twp	\$90,352.34	Gravel Surfacing
		<b>Total for Kalkaska</b>	<b>\$90,352.34</b>	
Keweenaw	Gay-Mohawk	Allouez Twp	\$84,557.96	Resurfacing
Keweenaw	Brockway	Grant Twp	\$46,532.37	Resurfacing
		<b>Total for Keweenaw</b>	<b>\$131,090.33</b>	
Lake	James & 68th Street	Pleasant Plains Twp	\$2,915.09	Gravel Surfacing
Lake	Woodstock	Lake Twp	\$2,298.52	Gravel Surfacing
Lake	32nd St. & Merrillville Rd.	Webber	\$152.56	Gravel Surfacing
Lake	1 Mile & Merrillville Rd.	Peacock Twp	\$647.65	Gravel Surfacing
Lake	James Rd. & 6 Mile Rd.	Peacock Twp	\$2,700.47	Gravel Surfacing
Lake	Astor Rd, South of 4 Mile	Peacock Twp	\$7,808.41	Gravel Surfacing
Lake	Skookum Rd & 5 Mile	Ellsworth & Dover Twps	\$81,313.11	Resurfacing
		<b>Total for Lake</b>	<b>\$97,835.81</b>	
Leelanau	Solon Rd	Solon Twp	\$39,742.72	Resurfacing
		<b>Total for Leelanau</b>	<b>\$39,742.72</b>	
Luce	County Rd 405N Dollarville Rd	McMillan Twp - Primary	\$56,321.45	Resurfacing
Luce	County Rd 417 Sampsell Hill Rd	Lakefield Twp - Local	\$22,136.71	Paving Gravel Roads
Luce	County Rd 457 Cherry Hill Rd	Pentland Twp - Local	\$15,514.08	Paving Gravel Roads
Luce	County Rd 460 Twin Lakes Rd	Pentland Twp - Local	\$15,514.08	Paving Gravel Roads
Luce	County Rd 465 Kennedy Rd	Lakefield Twp - Local	\$19,607.30	Paving Gravel Roads
		<b>Total for Luce</b>	<b>\$129,093.62</b>	

County	Road Name	Location	Amount	Project Type
Mackinac	Swede Rd	Clark Twp	\$87,062.81	Reconstruction
Mackinac	Sandtown Rd	Portage Twp	\$1,830.98	Reconstruction
Mackinac	Black River Rd	Brevort Twp	\$13,087.55	Reconstruction
Mackinac	Dinkey Line Rd	Hudson Twp	\$2,733.00	Reconstruction
Mackinac	H-42	Portage Twp	\$55,358.56	Resurfacing
Mackinac	Fish Rd	Marquette Twp	\$11,025.55	Reconstruction
		<b>Total for Mackinac</b>	<b>\$171,098.45</b>	
Manistee	Erdman Rd	Onekama Twp	\$73,588.98	Reconstruction
		<b>Total for Manistee</b>	<b>\$73,588.98</b>	
Marquette	CR 557 Culvert Replacement	CR 557	\$164,289.29	Culvert Replacement
Marquette	CR 601 Paving	CR 601	\$152,388.06	Resurfacing
		<b>Total for Marquette</b>	<b>\$316,677.35</b>	
Mason	Larson Rd	Meade Twp	\$48,297.86	Gravel Surfacing
		<b>Total for Mason</b>	<b>\$48,297.86</b>	
Mecosta	Brady Lake	Monroe - 2 Mile Rd	\$44,250.38	Resurfacing
Mecosta	Monroe Rd	Brady Lake - End	\$48,721.98	Resurfacing
		<b>Total for Mecosta</b>	<b>\$92,972.36</b>	
Menominee	CR358 (US41 to M-1 Rd)	Daggett Twp; T36N-R27W, SEC 35 & 36	\$7,704.13	Reconstruction
Menominee	CR358 (M-1 Rd to K-1 Rd)	Daggett Twp; T36N-R26W, SEC 31 & 32	\$51,288.75	Reconstruction
Menominee	River Drive	Menominee Twp; T32N-R28&27W, SEC 29 & 32	\$8,358.08	Reconstruction
Menominee	CR577 (18th Ave to 38th Ave)	Menominee Twp; T31&32N-R27W, SEC 28 & 33	\$19,926.58	Reconstruction
Menominee	CR577 (Klippel Ln to Chalk Hills)	Holmes Twp; T36N-R28W, SEC 13 & 24	\$22,272.06	Reconstruction
Menominee	Pach Lane Bridge	Harris Twp; T40N-R25Q, SEC 17&18	\$10,609.68	Bridge Replacement
Menominee	Vega Rd (at Old US 2)	Meyer Twp; T39N-R27W, SEC 34	\$29,836.98	Reconstruction
Menominee	S. Pinewoods Loop	Ingallston Twp; T32&33N-R26&25W, SEC 5 & 6	\$3,905.34	Resurfacing
Menominee	Landeck Lane	Ingallston Twp; T32&33N-R26&25W, SEC 8	\$5,110.98	Resurfacing
Menominee	Holmes Brook Rd	Holmes Twp; T36N-R27W, SEC28 & 21	\$7,648.57	Reconstruction
		<b>Total for Menominee</b>	<b>\$166,661.15</b>	
Midland	Gordonville Rd	Greendale Sec 27,28,29	\$2,594.39	Gravel Surfacing
Midland	Waldo Rd	Mills Twp sec 11,12	\$8,519.27	Gravel Surfacing
Midland	East County Line Rd	Jasper Twp	\$195,944.55	Resurfacing
		<b>Total for Midland</b>	<b>\$207,058.21</b>	
Missaukee	Rhoby Rd.	Bloomfield Twp	\$16,000.00	Resurfacing
Missaukee	Nelson Rd	Enterprise/Norwich Twp	\$10,703.27	Resurfacing

County	Road Name	Location	Amount	Project Type
Missaukee	LaChance Rd.	Lake Twp	\$15,000.00	Resurfacing
Missaukee	Workman/Wilson/Lotan Rd	Aetna Twp	\$25,000.00	Resurfacing
		<b>Total for Missaukee</b>	<b>\$66,703.27</b>	
Montmorency	County Rd 491	Albert Twp	\$23,865.60	Resurfacing
Montmorency	County Rd 489	Albert Twp	\$50,738.27	Resurfacing
Montmorency	Rea Rd	Rust Twp	\$23,949.88	Gravel Surfacing
		<b>Total for Montmorency</b>	<b>\$98,553.75</b>	
Muskegon	No Forest Rd Funds Used	N/A	\$ -	-
		<b>Total for Muskegon</b>	<b>\$ -</b>	-
Oceana	Hammett Rd	East of 126th Avenue	\$27,153.52	Gravel Surfacing
Oceana	Buchanan Rd/120th Avenue	"Newell-ville"	\$7,789.77	Gravel Surfacing
Oceana	Amber Rd, East of Ridge Rd	Golden Twp	\$20,163.28	Gravel Surfacing
		<b>Total for Oceana</b>	<b>\$55,106.57</b>	
Ogemaw	Heath Rd	Rose Twp	\$35,000.00	Paving Gravel Roads
Ogemaw	Sage Lake Rd	Klacking Twp	\$35,000.00	Reconstruction
		<b>Total for Ogemaw</b>	<b>\$70,000.00</b>	
Osceola	180th Ave	3 Mile Rd - Us10	\$26,169.63	Resurfacing
Osceola	14 Mile Rd	Lakola Rd - 210th Ave	\$30,000.00	Resurfacing
		<b>Total for Osceola</b>	<b>\$56,169.63</b>	
Oscoda	Mapes Rd	Big Creek Twp	\$246,534.05	Reconstruction
Oscoda	County Rd 489	Greenwood Twp	\$25,629.88	Culvert Replacement
		<b>Total for Oscoda</b>	<b>\$272,163.93</b>	
Otsego	Gingell Rd	Charlton Twp	\$826,930.56	Reconstruction
		<b>Total for Otsego</b>	<b>\$826,930.56</b>	
Presque Isle	Ocqueoc Lake Rd	Ocqueoc Twp	\$9,548.66	Gravel Surfacing
Presque Isle	Roost Rd	North Allis Twp	\$132,017.15	Culvert Replacement
		<b>Total for Presque Isle</b>	<b>\$141,565.81</b>	
Roscommon	Crooked Rd	Backus Twp	\$11,299.88	Gravel Surfacing
Roscommon	Moore Rd	Richfield Twp	\$13,338.10	Gravel Surfacing
Roscommon	Moscow Rd	Higgins Twp	\$4,477.43	Gravel Surfacing
Roscommon	F97	Nester Twp	\$50,000.00	Resurfacing
Roscommon	Old 76	Richfield Twp	\$20,884.59	Resurfacing
		<b>Total for Roscommon</b>	<b>\$100,000.00</b>	
Schoolcraft	County Rd 442	Inwood Twp	\$15,609.24	Resurfacing
Schoolcraft	County Rd 450	Seney Twp	\$2,119.74	Reconstruction
Schoolcraft	County Rd 435	Thompson Twp	\$18,894.57	Reconstruction
Schoolcraft	County Rd 436	Germfask Twp	\$23,580.41	Reconstruction
Schoolcraft	Multiple Primary Roads	County Wide	\$25,189.04	Matching Funds
Schoolcraft	County Rd 442	Thompson Twp	\$259.11	Resurfacing
		<b>Total for Schoolcraft</b>	<b>\$85,652.11</b>	

County	Road Name	Location	Amount	Project Type
Wexford	48 Rd	45 Rd to Seeley Rd	\$175,623.24	Resurfacing
Wexford	16 Rd	31 Rd to 41 Rd	\$338,367.38	Resurfacing
		<b>Total for Wexford</b>	<b>\$513,990.62</b>	

### CATEGORY E SUMMARY BY PROJECT TYPE FOR FY 2015

PROJECT TYPE	AMOUNT INVESTED
Resurfacing	\$2,920,516.88
Reconstruction	\$2,314,337.10
Gravel Surfacing	\$950,480.02
Paving Gravel Roads	\$107,772.17
Bridge Replacement	\$678,900.17
Culvert Replacement	\$546,719.72
Matching Funds	\$115,388.25
Bridge Recondition	\$218,628.87
<b>Total All Project Types:</b>	<b>\$7,852,820.28</b>

## CATEGORY F – URBAN AREAS IN RURAL COUNTIES

In order to provide a network of all-season roads, urbanized areas in rural counties need to link up to the all-season roads funded through Category D and other rural road programs. Category F was established to provide road improvements in urban areas with a population of 5,000 or greater in counties with populations of 400,000 or less. Category F projects are selected by the OED from applications submitted by eligible road agencies.

Specifically, the Category F program has three objectives:

1. Improve all-season capabilities on routes having high commercial traffic.
2. Improve access to the state trunkline system
3. Coordinate with the secondary all-season system (Category D) or provide all-season routes within an urban area.

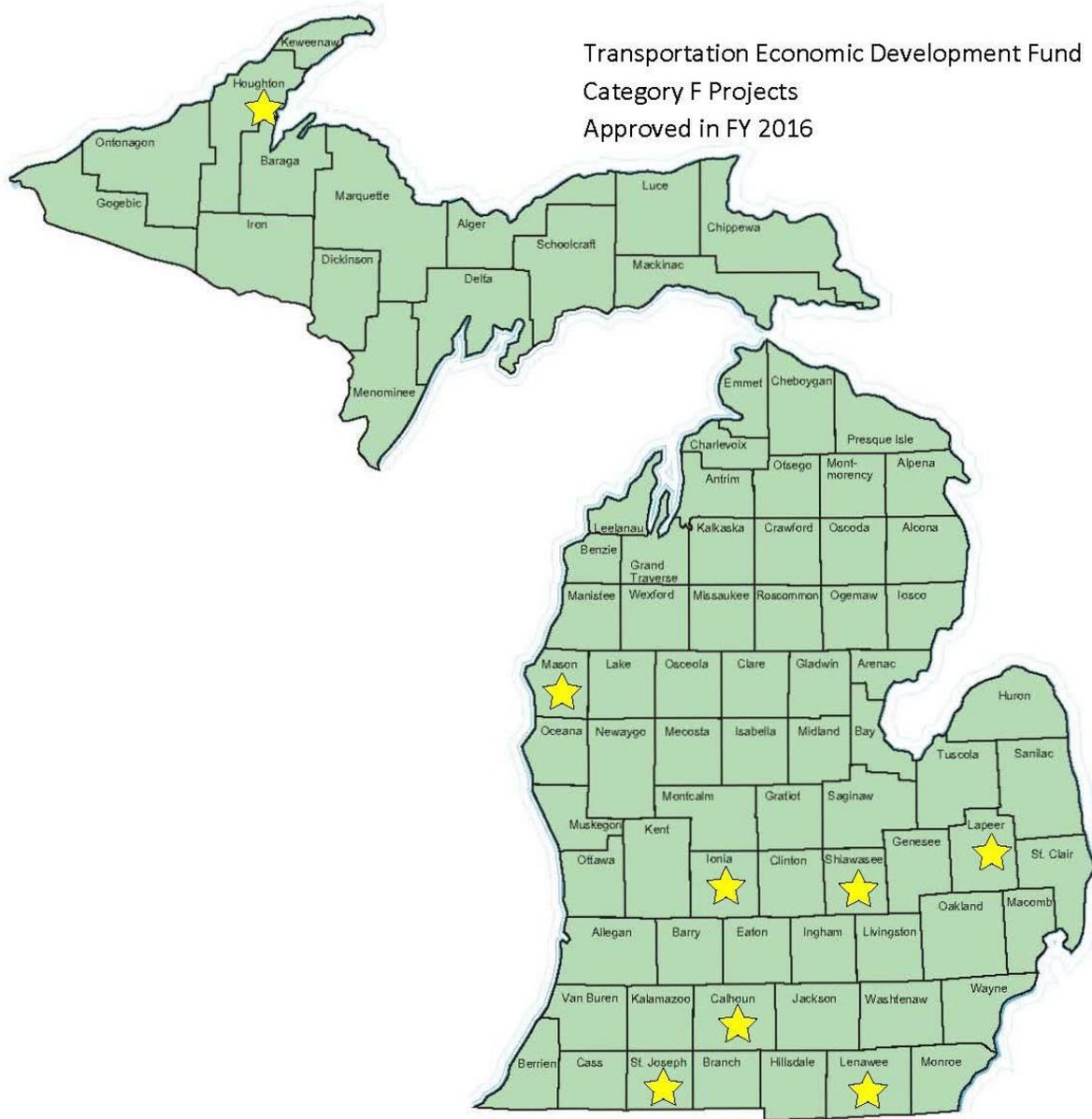
Category F grants allow the addition of miles to, or the preservation of, the all-season road network in the state. The addition of uninterrupted year-round access provided by these routes will complement the state trunkline system, improve safety for routes with high commercial traffic and assist commerce in the transportation of goods using various transportation modes.

The OED received 32 applications requesting over \$10 million against an appropriation of \$2.5 million in FY 2016. A map showing the locations of the FY 2016 approved grants is included on page 31. In addition, see page 32 for a list of Category F grants that were approved during FY 2016 and the status of projects approved during FY 2015.

### CATEGORY F GRANTS APPROVED FOR FY 2016

County	Route	Project Limits	Grant Amount
Houghton	Red Jacket Rd	US-41 to Scott St	\$375,000
Lenawee	N. Evans St	M-50 to the bridge north of Waters St	\$222,396
Mason	Sixth St	Washington St to Sherman St	\$375,000
Shiawassee	Gould St	M-71 (Corunna Ave) to M-21 (Main St)	\$352,000
St. Joseph	White School Rd and Progress St	US-12 to the west Sturgis city limit	\$171,318
Ionia	Riverside Dr	M-66 (South State Rd) to Cleveland St	\$375,000
Lapeer	Wilder Rd	I-69 to Imlay City Rd	\$375,000
Calhoun	Custer Dr	River Rd to M-89	\$160,000
<b>Total Amount Approved:</b>			<b>\$2,405,714</b>

## MAP OF CATEGORY F APPROVED PROJECTS IN FY 2016



### STATUS OF CATEGORY F PROJECTS APPROVED FOR FY 2015

County	Route	Project Limits	Status
Calhoun	West Erie Street	Finley Road to South Albion Street	Complete
Grand Traverse	Garfield Road	Brimley Road to Hammond Road	Complete
Jackson	Wisner Street	150 ft. South of Argyle to Boardman Road	Complete
Lenawee	Occidental Highway	M-52 to Gady Road	Complete
Marquette	CR 492	Lost Creek Drive to CR 500 (Grove Street)	Complete
Muskegon	Getty Street	Evanston Avenue to M-46 (Apple Avenue)	Complete
Washtenaw	Carpenter Road	Packard Road to M-17 (Washtenaw Avenue)	Complete

## EXAMPLES OF CATEGORY F PROJECTS

The following are examples of previously awarded Category F transportation projects that were important to the state's all-season road network.

### City of Kingsford, Westwood and Breitung Avenues – Dickinson County

Westwood Avenue and Breitung Avenue are part of an all-season route providing access between the city of Kingsford's primary commercial industrial area and the Dickinson County Airport, as well as US-2 and US-141. This route is an important part of the city's all-season road network and provides connections to several other all-season roads within Kingsford.

The route was last reconstructed in 1990 and was seriously deteriorated. To address this, the City of Kingsford resurfaced the roadway and installed new paved and gravel shoulders to improve drainage. This provided an improved roadway surface for commercial traffic along this route. The total project cost was \$314,493 with \$251,594 in Category F funds and \$62,899 from the City of Kingsford.

#### Breitung Avenue at Garfield Street - Facing East



#### Westwood Avenue – Facing North



*Aerial Photo Courtesy of Coleman Engineering/City of Kingsford*

### **Garfield Charter Township, Garfield Road - Grand Traverse County**

Garfield Road is part of the north-south commercial route in the Traverse City area and serves an important industrial park. To address the roadway's deterioration, the Grand Traverse County Road Commission reconstructed Garfield Road from Brimley Road to Hammond Road. This project provided an improved roadway surface for commercial traffic. The total project cost was \$468,750 with \$375,000 in Category F funds and \$93,750 from the Grand Traverse County Road Commission.

**Garfield Road at Hughes Drive - Facing North**



**Garfield Road at Hammond Road – Facing North**

