



U.S. Army TACOM LCMC
**Ground Vehicle Cost
Working Group Summit**
GVCWGS

11-13 Sept, 2018
Fourth Annual
Warren, Michigan

Welcome!

The U.S. Army TACOM Life Cycle Management Command (LCMC) Materiel Systems Organization's Cost and Systems Analysis Directorate is sponsoring the fourth annual Ground Vehicle Cost Working Group Summit (GVCWGS) event, a three-day forum for augmenting cost analysis interchange between government and industry. The primary goal is to improve the understanding of cost data and analysis in terms of how it is currently developed and used, as well as how it can be improved. The result of this effort directly impacts the quality of cost estimates on both sides and improves the understanding of differences between government and contractor cost estimating policies, procedures, methods, and final estimates. The GVCWGS will address cost issues related to ground vehicle systems and subsystem development, production, modification, and operation and support elements.

The GVCWGS will be a working group jointly supported by the Office of the Deputy Assistant Secretary of the Army Cost and Economic Analysis (DASA CE), the Office of the Secretary of Defense, Cost Assessment Program Evaluation (OSD CAPE), U.S. Army TACOM LCMC and its Enterprise partners, Program Executive Office Ground Combat Systems (PEO GCS), Program Executive Office Combat Support Combat Service Support (PEO CS & CSS), Tank Automotive Research Development and Engineering Center (TARDEC), major defense contractors from the ground vehicle industry, the commercial automotive sector, and other interested government cost agencies.

The GVCWGS defines major defense contractor representatives as those who provide development, procurement, and/or operations and support of direct mission technology, equipment, or services. Additionally, support contractors may attend to address specific issues at the request of their sponsors. The support contractor sponsors will be required to ensure all proper and required non-disclosure agreements are in place prior to the meetings.

GVCWGS Goals:

- Promote mutual understanding of the DoD's Cost and Software Data Report (CSDR) reporting requirements, tools, Data Item Descriptions (DIDs), DD Forms, DODM 5000.04-M-1 CSDR Manual, databases and MIL-STD-881C Department of Defense Standard Practice Work Breakdown Structures for Defense Materiel Items through direct interface with OSD CAPE DCARC Office representatives
- Normalize cost data interchanges among contractor and government sources

- Provide clear interface points/opportunities for dialogue between industry and government leadership
- Exploit opportunities to engage and provide potential for substantive mutual areas for improvement
- Standardize cost data definitions reported in Service (Navy, Army, Air Force) and Department of Defense Contract Data Reporting Listing (CDRL) requirements
- Promote the evolution of cost databases and cost analysis methods
- Improve mutual understanding of parametric & cost estimating data
- Understand and calibrate cost modeling tools
- Exchange best practices between industry, DoD organizations, and services
- Improve the industry/government contract proposal/award process through the development of Cost Estimating Relationships (CERs), improved processes, etc.
- Improve ability to efficiently share and request contractor data between Government agencies
- Improve ability to efficiently collect, store and share data from and between Government entities.
- Understand differences in government and contractor inflation/pricing indices and how that can impact projections of future costs
- Improve discipline and cost study approach for capturing cost, schedule, and technical lessons learned
- Improve level of trained/experienced/cleared cost estimators
- Improve communication between cost estimators and program management on cost estimating products and results for both government and contractor representatives
- Improve the acceptance and use of data-driven bases of estimates

The three-day forum will consist of two days of a general open session, followed by a day of CADE training for government participants and an opportunity for the GVCWG subgroups and IPTs (both industry and government personnel) to report results from their respective topic areas. In addition, a tour of the Ford Rouge Assembly Plant will also be available for visitors, the last day. The tour has a group rate cost of \$16.25 per person, to be paid upon the first day of registration. The tour will be held on Day 3 for visitors only, starting promptly at 0930 for a two hour tour in Dearborn, MI at the Rouge Plant. More information can be found at www.thehenryford.org/visit/ford-rouge-factory-tour/.

During the general session, government speakers will include representatives from OSD CAPE, OSD PARCA, DASA-CE, DASN-CE, PEO GCS, PEO CS&CSS, and the U.S. Army TACOM LCMC. Industry participants will include representatives from General Dynamics Land Systems, BAE, Oshkosh Defense and AM General; please see agenda for more details.

Day 1 and 2, will be held at TACOM HQ in Warren Michigan, Building 200 auditorium. Day 3 will consist of CADE training at TACOM HQ in Warren Michigan, Building 270 Room 1406T for local Government employees and for visitors and non-TACOM employees, a tour of the Ford Motor Company Rouge Production facility in Dearborn, Michigan.

There is no registration fee for this event but there will be a \$16.25 charge for the Day 3 tour that will be collected on Day 1 at the registration desk.

Space is limited to the first 175 successfully registered attendees.

Appropriate dress for the summit general session is business attire and business casual for training classes.

Electronic registration is required to attend.

All registration forms must be submitted to matthew.n.leczel.civ@mail.mil or donna.m.polite.civ@mail.mil by August 31, 2018.

Government employees may earn up to 8 CLPs/day for participation in this event.

Point of Contacts for GVCWGS are Ms. Donna Polite and Mr. Matthew Leczel:

Donna Polite
586.282.8686
donna.m.polite.civ@mail.mil

Matthew Leczel
586.282.6154
matthew.n.leczel.civ@mail.mil

Thank you,
Looking forward to seeing you there!

Sincerely,

David Holm
Director, Cost and Systems Analysis
Materiel Systems Organization
TACOM LCMC



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Draft Agenda

Tuesday Sep 11, 2018		
0730-0800	Registration / Sign-in	
0800-0815	Administrative announcements	Mr. David Holm Director, TACOM MSO C&SA
0815-0820	Welcome and Opening Remarks	COL Jeffrey Witt Chief of Staff, TACOM
0820-0845	Cost Assessment Opening Remarks	Dr. Richard Burke Director, Cost Assessment, OSD CAPE
0845-0945	Army Cross Functional Teams/ Next Generation Combat Vehicle	COL James Schirmer PM, Armored Fighting Vehicles
0945-1000	Break	
1000-1030	PEO CS&CSS Portfolio Update and Perspective	Mr. Timothy Goddette Deputy Program Executive Office Combat Support & Combat Service Support
1030-1130	DASA-CE Update	Mr. Steve Barth Deputy Assistant Secretary of the Army (Cost and Economics)
1130-1200	PEO GCS Portfolio Update and Perspective	MG Brian Cummings Program Executive Office Ground Combat Systems
1200-1330	Lunch and Networking	
1330-1415	Organic Industrial Base Cost Data Integration IPT	Ms. Sarah Holden Senior Cost Analyst, Unit Mission Costing, Deputy Assistant Secretary of the Army (Cost and Economics)
1415-1445	Exploring How Systems Age (and Fail) and the Impact on O&S Cost Estimates	Mr. Pat McCarthy Senior Cost Analyst, Technomics and Alex Krencicki, Cost Analyst, BAH
1445-1515	Field Level Maintainer Requirements	Mr. Ryan Orłowski and Mr. Eric Stough Senior Cost Analysts, Deputy Assistant Secretary of the Army (Cost and Economics)
1515-1545	MIL-STD-881D Appendix G (Surface Vehicle) Update	Mr. Neil Albert NFA Consulting supporting OSD PARCA
1545-1600	Ground Vehicle CSDR Assessment and Wrap Up	Mr. David Holm Director, TACOM MSO C&SA



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Wednesday, Sep 12, 2018		
0730-0800	Registration / Sign-in	
0800-0810	Admin announcements	Mr. David Holm Director, TACOM LCMC MSO C&SA
0810-0930	Cost Analysis Data Environment (CADE) Update Brief	Mr. Dave Lyons (invited) OSD CAPE PM CADE
0930-1000	Stryker CSDR Dashboard	Mr. Jeff Cherwonik Technomics Inc
1000-1015	Break	
1015-1100	Leveraging Complexity: How the Joint Light Tactical Vehicle Program Office Utilizes Operations Research to Benefit from Programmatic Complexity	Mr. Dan Germony Senior Cost Analyst TACOM, Cost and Systems Analysis
1100-1130	Integrating Pre-Milestone A Life Cycle Cost Analysis with Engineered Resilient Systems (ERS) for Tactical Vehicles	Mr. Jed Richards Operations Research Analyst U.S. Army Corps of Engineers
1130-1300	Lunch & Networking	
1300-1330	MDA Software Acquisition 101	Mr. Dan Strickland Missile Defense Agency
1330-1400	Software Maintenance Data Collection Update	Ms. Jenna Meyers and Mr. James Doswell Deputy Assistant Secretary of the Army (Cost and Economics)
1400-1430	Cybersecurity for Ground Vehicle Systems	Mr. Brian Joseph OSD Acquisition & Sustainment
1430-1515	Software Estimating – A Software Engineering Center perspective	Mr. Chris Mugno (invited) Paladin PDFCS Project Lead Artillery Fire Control Systems
1515-1530	Wrap up	Mr. David Holm TACOM MSO C&SA
1530-1630	Breakout sessions: TruePlanning Demo SEER Manufacturing Demo and Stryker CSDR Dashboard Demo	Galorath, Technomics and Price Systems



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Thursday Sep 13, 2018		
Training (Government employees only)		
0800-1200	CADE Training Bldg 270 Room 1406-T	OSD CAPE DCARC Training Team
1300-1630	CADE Training Bldg 270 Room 1406-T	OSD CAPE DCARC Training Team
Visitor Tour (non-TACOM C&SA employees only)		
0830-0900	Meet at Henry Ford Museum Ford Motor Company Rouge Plant	
0900-1130	Ford Motor Company Rouge Plant Tour Dearborn, MI	Group Tour



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Registration Form

Please print or type in the following information:

Name _____

Title _____

Business/Organization _____

Business/Organization Address _____

City _____ State _____ Zip Code _____

Business/Organization Phone # _____ Fax _____

Email _____

Do you require any special accommodations?

Yes _____ No _____ If yes, please briefly describe: _____

Visitors only: Are you interested in participating in the offsite tour of Ford's Rouge Plant? (Day 3, 0930-1130)

Yes _____ (\$16.25 cash must be paid on Day 1 registration) No _____

Installation Visitor Access Information:

DoD Employee Yes _____ No _____

If no above: Major Defense Contractor _____ Support Contractor to Government Program _____

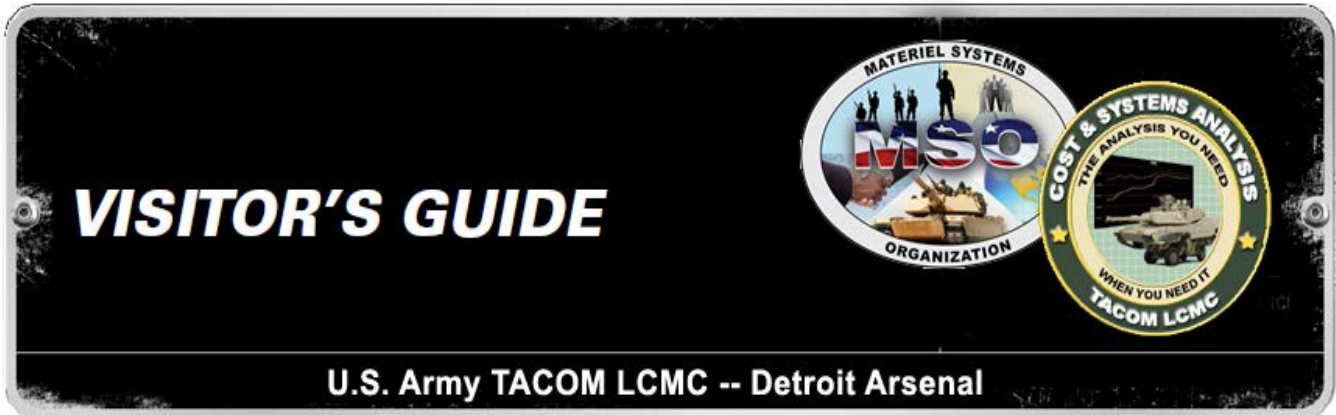
U.S. Citizen Yes _____ No _____ Date of Birth (mm) _____ (dd) _____ (yyyy) _____

Do you hold dual citizenship? Yes _____ No _____ If yes, identify country _____

Driver's License Number _____ State _____ Exp Date _____

Registration Deadline is Monday, August 13th, 2018. Registration Forms should be sent to: Matt Leczel or Donna Polite.

matthew.n.leczel.civ@mail.mil or donna.m.polite.civ@mail.mil



Included:

- Visitor access information
- Directions to the Detroit Arsenal from Detroit Metro Airport.
- Local hotel map and contact information
- Local restaurants

VISITOR Information

GROUND VEHICLE COST WORKING GROUP SUMMIT 11-13 Sep, 2018

GVCWG attendees must access the facility from Gate 1 located on the East side of Mound Road just North of I-696. The map shows the route from Detroit Metropolitan Airport to Detroit Arsenal Gate 1.

The guard will have a list of registered attendees. You will be required to show proof of identification to obtain entry and receive your parking permit.

Proceed to the reserved parking area shown in the map on page 6. From there, walk to the main entrance of Bldg. 200 (as shown on the map) where you will be greeted. You will then proceed to the Auditorium for registration, where general sessions will take place.

GVCWG attendees will be responsible for their own lunch each day. Lunch may either be purchased in the Cafeteria across from the Auditorium or obtained off post at a number of nearby restaurants. You will be able to re-enter the base with your assigned badge.



VISITOR'S GUIDE

Parking Policy

Violators may lose installation driving privileges for failure to comply with parking regulations. Vehicles may be booted or towed at owner's expense. Vehicles can only park in designated parking spaces, with the vehicle within the lines of the space; a single vehicle will not occupy more than one parking space unless the vehicle is greater in size than a single space. Parking is prohibited on roadways, road shoulders, seeded areas, at curbside and within security stand-off areas. Vehicle operators will not park in areas designated as reserved parking (red lane stripes) except with prior authorization from the Deputy Garrison Manager. Obey all posted regulatory signs and speed limits.

HANDICAPPED Parking

The majority of designated handicapped parking spaces are assigned to specific employees. Visitors with a handicap parking permit must coordinate temporary assignment of a space through the Visitor Control Center when obtaining a visitor badge. Disability parking placards must be displayed on vehicles that do not have a handicapped license plate. Spaces are marked by blue lane stripes.

Emergency REPORTING AND Evacuation

Dial 911 from any government land line; or dial 586-282-7117 from a cellular phone. If you perceive a threat, take actions appropriate to avoid the threat, notify any personnel in the immediate area and report the emergency as noted above. The Detroit Arsenal has multiple mass warning and notification systems. The fire/emergency Alarm Tone speaker/strobes are augmented with a voice announcing system using both exterior and interior speakers. Notifications can also display on the Emergency Alert Systems broadcast on TVs and pop-up messages on network computer screens that override applications. Listen for instructions on evacuation rally points, or to shelter in place inside a building. If directed to shelter in place, seek shelter in the nearest shelter-in-place area away from any exposed windows or exterior doors. Designated areas are listed on the Emergency Evacuation information boards, located near facility entrances and in major hallways.

WEAPONS Policy

Federal law prohibits the possession of firearms or other dangerous weapons in designated federal buildings, with or without intent to commit a crime, by all persons not specifically authorized by Title 18, United States Code, and Section 930(d). Conviction carries penalties of up to five (5) years imprisonment and a \$5,000 fine. Weapons ARE NOT allowed regardless of your CPL or FFL status.

Photography ON THE INSTALLATION

The entire Detroit Arsenal is designated as a Restricted Area in accordance with Section 21, Internal Security Act of 1950 by order of the Installation Commander. Therefore authorization must be obtained prior to any photography on or of the installation. The request for the photography permit must be submitted to the Visitor Control Center. The request must be in writing, the preferred request format is the camera pass application provided on the Garrison-Detroit Arsenal website at the Directorate of Emergency Services web page. Personnel unable to access the website may send an e-mail requesting a camera pass to the VCC mailbox:
DAMI_VISITORCONTROLCENTER@CONUS.ARMY.MIL







Tobacco use Policy

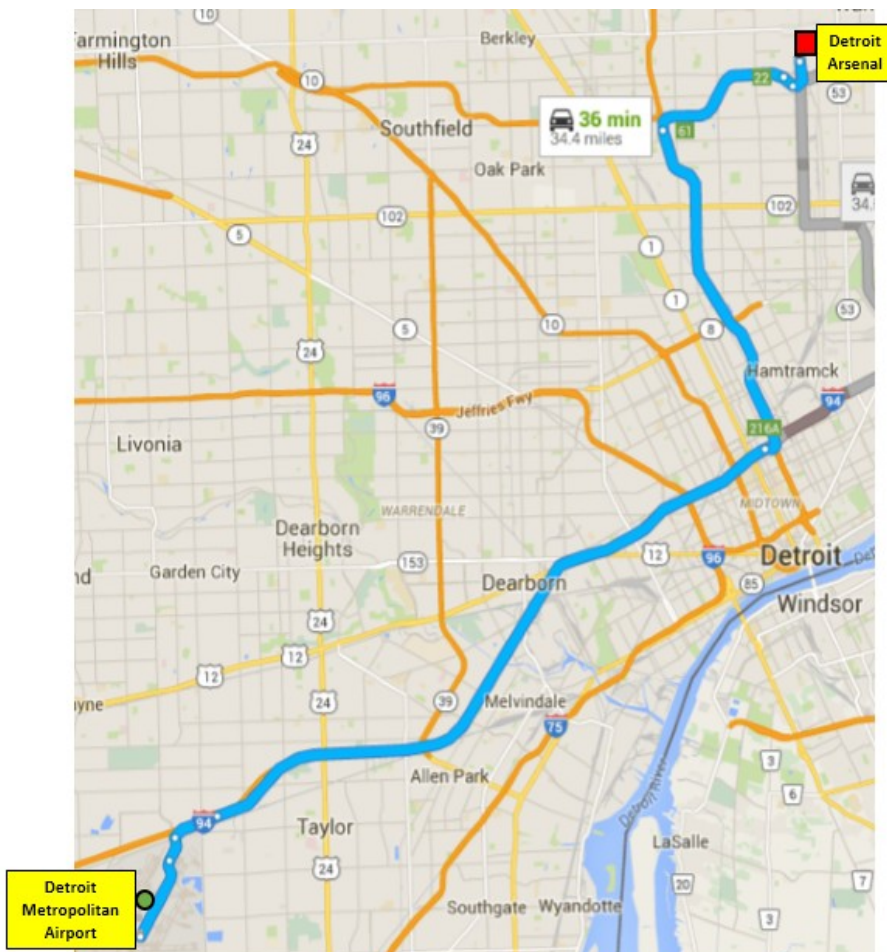
Smoking on the installation is only authorized within 10 feet of designated smoking areas or inside of personal vehicles. Smoking is not authorized in any exterior common areas such as walkways, sidewalks, or parking lots. Smoking is prohibited in all government owned or leased buildings, in all offices, work areas, cafeterias, community recreation facilities, retail/food stores, common areas, and in all military or government leased vehicles and aircraft. This policy applies to all tobacco products to include cigarettes, electronic cigarettes, cigars, and chewing tobacco. Smoking areas will be identified by a smoking shelter or cigarette butt receptacle.



VISITOR'S GUIDE

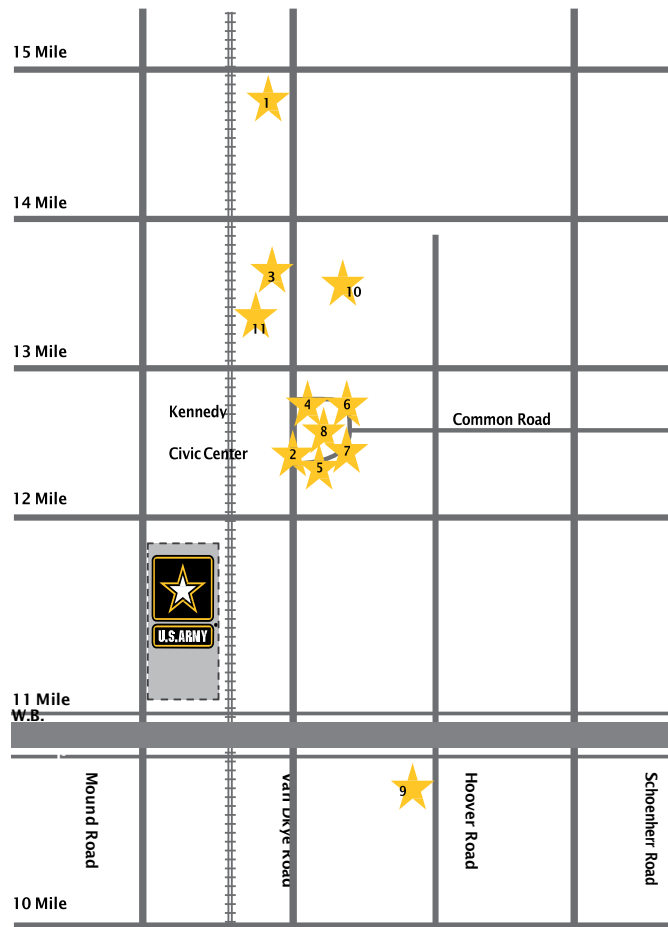
Directions to the *DETROIT* Arsenal

- Start out going south on William G Rogell Dr toward DTW Administrative Offices. 1.3 mi
-  Merge onto I-94 E toward Detroit. 17.9 mi
-  Take exit 216A to merge onto I-75 N toward Flint. 8.4 mi
-  Merge onto I-696 E via EXIT 61 toward Port Huron. 3.7 mi
-  Take the Mound Rd exit, EXIT 22. 0.3 mi
-  Keep left to take the Mound Rd N ramp. 0.8 mi
-  Merge onto Mound Rd. 0.8 mi
- Mound Rd gate of Tank Arsenal is on the right.



VISITOR'S GUIDE

Lodging near the *DETROIT* Arsenal



Area Hotels

1. **Best Western Sterling Inn**
34911 Van Dyke Avenue
Sterling Heights, MI 48312
586.979.1400
2. **Baymont Inn & Suites**
7447 Convention Boulevard
Warren, MI 48092
586.977.7270
3. **Days Inn**
7454 Convention Boulevard
Warren, MI 48092
586.939.1700
4. **Candlewood Suites**
7010 Convention Boulevard
Warren, MI 48092
586.978.1261
5. **Courtyard by Marriott**
30190 Van Dyke Avenue
Warren, MI 48093
586.751.5777
6. **Hawthorne Suites by Wyndham**
30180 North Civic Center Drive
Warren, MI 48093
586.558.7870
7. **Residence Inn by Marriott**
30120 North Civic Center Drive
Warren, MI 48093
586.558.8050
8. **Holiday Inn and Suites**
30000 Van Dyke Avenue
Warren, MI 48093
586.573.7600
9. **Holiday Inn Express**
11500 Eleven Mile Road
Warren (MI), 48089
586.754.9700
10. **TownePlace Suites**
7601 Chicago Road
Warren, MI 48092
586.264.8800

Metro *DETROIT* Premium hotels

- **Detroit Marriott Troy**
200 West Big Beaver Road
Troy, MI 48084
248.680.9797
- **Embassy Suites**
850 Tower Drive
Troy, MI 48098
248.879.7500
- **Townsend Hotel**
100 Townsend Street
Birmingham, MI 48009
248.642.7900
- **The Westin Book Cadillac**
114 Washington Boulevard
Detroit, MI 48226
313.442.1600

VISITOR'S GUIDE

Local Area Restaurants



Hoover Road

- 1 **Amarin Thai** 11528 East 12 Mile Road, Warren, MI
(586) 582-8787
- 2 **American Pie** 11557 East 12 Mile Road, Warren, MI
(586) 578-0156
- 3 **Big Boy Restaurant** 11587 East 12 Mile Road, Warren, MI
(586) 574-2340
- 4 **Hungry Howie's Pizza & Subs** 29142 Hoover Rd, Warren, MI
(586) 558-4800
- 5 **Mustard Seed Family Restaurant** 28501 Hoover Road, Warren, MI
(586) 573-7066
- 6 **Country Oven** 28237 Hoover Road, Warren, MI
(586) 751-4979
- 7 **Buscemi's of Warren** 27980 Hoover Road, Warren, MI
(586) 757-3900
- 8 **Times Square Deli Restaurant** 28025 Hoover Road, Warren, MI
(586) 558-5466
- 9 **Burger King** 27010 Hoover Road, Warren, MI
(586) 754-8070
- 10 **KFC** 27003 Hoover Road, Warren, MI
(586) 758-0170
- 11 **Lacio's Pizza** 11730 East 11 Mile Road, Warren, MI
(586) 755-5900

Van Dyke Avenue

- 12 **Tim Hortons** 29030 Van Dyke Avenue, Warren, MI
(586) 573-2301
- 13 **Applebee's Neighborhood Grill and Bar** 8025 East 12 Mile Road, Warren, MI
(586) 574-1833
- 14 **Subway** 28950 Van Dyke Avenue, Warren, MI
(586) 558-3882
- 15 **Old Country Buffet** 29108 Van Dyke Avenue, Warren, MI
(586) 573-3699
- 16 **Siam Thai Restaurant** 29116 Van Dyke Avenue, Warren, MI
(586) 573-7474
- 17 **Ham Center Restaurant** 28809 Van Dyke Avenue
(586) 751-2211
- 18 **Thai Smile Restaurant** 28742 Van Dyke Avenue, Warren, MI
(586) 573-7444
- 19 **Sero's Restaurant** 28620 Van Dyke Avenue, Warren, MI
(586) 558-3700
- 20 **Angelo's Family Dining** 27860 Van Dyke Avenue, Warren, MI
(586) 573-4414
- 21 **McDonald's** 27480 Van Dyke Avenue, Warren, MI
(586) 755-0290
- 22 **Juliano's Restaurant** 27380 Van Dyke Avenue, Warren, MI
(586) 754-8383
- 23 **Spicy Thailand** 27143 Van Dyke Avenue, Warren, MI
(586) 757-3911
- 24 **Golden Harvest** 6880 East 12 Mile Road, Warren, MI
(586) 751-5288
- 25 **J B Bamboozle's** 7280 East 12 Mile Road, Warren, MI
(586) 574-1880
- 26 **Kerby's Koney Island** 6004 East 12 Mile Road, Warren, MI (586) 619-5300
- 27 **Jimmy John's** 5858 East 12 Mile Road, Warren, MI
(586) 751-4800
- 28 **Chili's Grill & Bar** 29117 Mound Road, Warren, MI

Mound Road

- 29 **Pei Wei Asian Diner** 5753 East 12 Mile Road, Warren, MI
(586) 834-4020
- 30 **Buffalo Wild Wings Grill & Bar** 29287 Mound Road, Warren, MI
(586) 573-9164
- 31 **Lenny's Sub Shop** 5773 East 12 Mile Road, Warren, MI
(586) 576-1718
- 32 **Qdoba Mexican Grill** 5779 East 12 Mile Road, Warren, MI
(586) 576-0925
- 33 **Five Guys Burgers & Fries** 29387 Mound Road, Warren, MI
(586) 751-4897

VISITOR'S GUIDE

DETROIT ARSENAL MAP 6501 E. 11 Mile Road
Warren MI 48397-5000

