

**Michigan Department of Transportation (MDOT)
Candidate Application for Dispute Review Board (DRB)**

A. Contact Information

Name: Karl E. Benda		Date: 4-25-2016	
[REDACTED]		City: Calumet	State: MI
Phone #: 906-281-1772		Email Address: gula53@yahoo.com	
		Zip Code: 49913	

B. Professional Licenses/Registrations (Please provide name/type of license, state, expiration date and number.)

<i>Name/Type of License/Registration</i>	<i>State and Number</i>	<i>Expiration Year</i>
PE/Engineering/Registration	Michigan/6201031511	2016
PE/Engineering/Registration	Minnesota/17245	2018
PE/Engineering/Registration	California/37889	2017

C. Education/Related Training (Please list degree, college/other school and dates. Please indicate the location and date of your training.)

<i>University/College/Organization/Trade School</i>	<i>Degree/Certificate</i>	<i>Date/Year</i>
Michigan Technological University	BS Civil Engineering	Nov/1975

D. Construction Experience Summary

I have construction experience working in the following capacities:

<input checked="" type="checkbox"/>	Civil Engineer		Architect		Builder/Developer
	Structural Engineer		Electrical Engineer		Designer/Planner
	Geologist		Land Surveyor		Mechanical Engineer
<input checked="" type="checkbox"/>	General Contractor		Accountant		Chemical Engineer
<input checked="" type="checkbox"/>	Construction Manager		Supplier/Manufacturer		Environmental Engineer
	Sub/Specialty Contractor	<input checked="" type="checkbox"/>	Owner Representative		Landscape Architect
	Other (Describe) →				

I have substantial experience in the following types of construction:

<input checked="" type="checkbox"/>	Bridge (Concrete)		Bridge (Steel)	<input checked="" type="checkbox"/>	Buildings
<input checked="" type="checkbox"/>	Earth Retaining Systems		Electrical Systems		Environmental
<input checked="" type="checkbox"/>	Foundation	<input checked="" type="checkbox"/>	Highway	<input checked="" type="checkbox"/>	Landscaping
	Marine		Mechanical		Tunnel
<input checked="" type="checkbox"/>	Other (Describe) →		Mining Facilities		

E. Qualification Statement

Candidates shall have substantial experience in or directly related to public agency highway and bridge construction projects with or on behalf of federal, state, or local government agencies, particularly MDOT. Experience shall be a minimum of 10 years in active involvement, supervision, or management of public agency highway and bridge construction contracts preferably with an emphasis in resolution of disputes arising out of said contracts. Lawyers, attorneys, and/or legal counsel are not permitted to be DRB candidates nor are they permitted to serve on a DRB panel in any capacity.

**Michigan Department of Transportation (MDOT)
Candidate Application for Dispute Review Board (DRB)**

Provide a 500 word or less statement of your qualifications that explain how you meet the aforementioned criteria:

Direct supervision/management of MDOT projects for ten years from 1990 to 2000 as a contractor for MDOT projects. These projects were road and bridge projects in the Superior TSC. Projects also included road and bridge projects for Keweenaw County, Houghton County, Baraga County and Marquette County in Michigan which were bid through the MDOT bidding system. The order of magnitude for the above projects ranged from about \$50,000 to \$5,000,000 in value. Bridge jobs were prestressed concrete structures, piling, steel structures and all approach work to the bridges. Road projects involved construction of passing lanes, pavement removals, bituminous overlays, associated utility installations/relocations, signage, demo work, new construction of roads, clearing, landscaping and many other operations to provide a completed project for MDOT. All projects involved continuous communications with MDOT personnel throughout the timeframe of the project to avoid conflict and disputes. When disputes arose, timely remedies were conducted to complete the projects on time and within budgets.

Also projects of involvement were with the federal government involving, primarily, US Forest service road construction.

Acted as Owner's Representative/Project Engineer for airport projects bid through MDOT Aeronautics division. These airports were located in Alpena, Houghton, Manistee and Ludington. Scope of work involved taxiways, runway construction and apron work with associated items of work.

Several years experience with installation of site work required for roads and infrastructure required to construct a city of 280,000 people from the ground up in the Kingdom of Saudi Arabia. Acted as Owner's Representative for contracts to achieve the work.

Mining and private construction projects also involved earth retention walls along with extensive structural foundation work for mine milling operations.

**Michigan Department of Transportation (MDOT)
Candidate Application for Dispute Review Board (DRB)**

F. General Experience Summary

Please provide a brief description of your experience in 25 words or less. If you are approved to be a DRB candidate, this information will be included next to your name on the Dispute Review Board Candidates List posted on MDOT’s website.

Description:
<p>Ten years experience managing MDOT and County road and bridge projects in the Upper Peninsula of Michigan. Seven years experience with Federal Contract work.</p>

G. DRB Experience (include past and current experience if applicable)

Experience	MDOT	Other Public Agencies	Private Construction	Total
# of Jobs as DRB Member				Zero
# of Jobs as DRB Chair				Zero

H. Conflict of Interest and Ethics Statement

I will provide a conflict of interest statement and a disclosure statement describing past, present, anticipated, and planned relationships, including indirect relationships through my present employer, to other parties involved in a construction project, including but not limited to, relevant construction engineering and inspection (CEI) firms, contractors, or suppliers to the parties, parties’ principals, or parties’ counsel. Furthermore, I will disclose any close professional or personal relationships with all key members in the project. This will be completed prior to accepting a nomination to serve on a DRB panel for any construction project.

<input checked="" type="checkbox"/> I agree	<input type="checkbox"/> I do not agree
---	---

I. Compensation

**Michigan Department of Transportation (MDOT)
Candidate Application for Dispute Review Board (DRB)**

I agree that I will be fully compensated in accordance with the terms and conditions of the contract and Dispute Review Board Agreement. This will be full compensation for on site time, review time, travel expenses, transportation, lodging, time for travel and incidentals for each day, or portion thereof that I am at an authorized DRB hearing. In addition, I will be paid the appropriate rate specified in the Dispute Review Board Agreement for additional days necessary to conduct a hearing that has been authorized.

<input checked="" type="checkbox"/> I agree	<input type="checkbox"/> I do not agree
---	---

J. Professional References

Provide the following information for at least two references to attest to your professional experience as depicted in this application. In addition, these references should be able to attest to your suitability to perform as a DRB member and provide additional information about you.

Name:		Phone:
Jim Heikkinen		906-296-9698
Gary Saari		906-361-1229
EJ Tervo		906-370-4284

**Michigan Department of Transportation (MDOT)
Candidate Application for Dispute Review Board (DRB)**

Certification and Acknowledgement

The information in this application is true and accurate to the best of my knowledge, information, and belief. Moreover, I acknowledge that submittal of this application is not a guarantee of work as a DRB panel member. I further acknowledge that there is a selection and approval process that must occur in order to be a part of a project specific DRB panel. (Must be checked to submit form).

Signature of Applicant: _____

Send Completed Form to: Tim Croze, P.E.
Construction Contracts Engineer
8885 Ricks Rd
PO Box 30049
Lansing, MI 48909
crozet@michigan.gov

Resume for Karl E. Benda, P.E.

April 25, 2016

Karl E. Benda, P.E.

Phone (Day/Night): (906-281-1772 / 906-337-1130); Email: gula53@yahoo.com

Citizenship: United States of America

EDUCATION:

- Michigan Technological University, Bachelor of Science Civil Engineering, Nov. 1975
1400 Townsend Drive, Houghton, Michigan 49931
- Registered Professional Engineer in three states;
 - 1984 California (# C-037889)
 - 1985 Michigan (#6201031511)
 - 1985 Minnesota (#17245)

WORK EXPERIENCE: Construction/Construction Management

Civil Engineer/Project Manager, April 2015-Present

LJJ Construction, 47711 Gundlach Rd. P.O. Box 35 Houghton, MI 49931

(Supervisor: Jon Julien, President, Phone: 906-523-5441)

- Coordinate all sitework projects from start to finish including bidding, managing subcontractors, ordering materials, scheduling equipment and manpower to ensure a completed project on schedule and within budget. Supervised labor to perform site work as required to complete the projects assigned. Project estimating for bidding commercial and residential construction including labor, materials and equipment costs.

Owner's Representative, Dec. 2012 - Present

Private Practice Karl E. Benda, P.E., Calumet, MI 49913 (same phone and address above)

Private Projects:

- Design and construction of projects including pole buildings, camp expansion and electrical and plumbing along with Credit Union projects for Settlers CU.
- Credit Union projects for Settlers CU Bruce Crossing, MI (Maintenance related design and scoping as well as locating and coordinating contractor(s) as well as project management for the owner). Estimating labor, materials and equipment costs for each project and providing a budget to the owner as required.

Exhibits Specialist-Project Manager (GS-1010-11), Dec 2008 to Dec 2012

United States Department of Interior, National Park Service, Midwest Region, 601 Riverfront Drive, Omaha, Nebraska 68102 (Duty Station: KEWE, Calumet, Michigan)

(Supervisor: Charles Masten, Phone: 906-337-4916)

- All work listed below involved all aspects of coordinating and managing construction and design contractors for Keweenaw National Historical Park. Inspection of work, scheduling, review of submittals, photo documentation, daily reporting, review of cost changes/estimating cost/cost negotiation/recommendations, review of periodic contractor billings and all aspects of contract management. All projects required clearly defined definition provided to contractors and/or day labor of construction, reporting requirements and conformance to project plans and specifications.
- Supervised training of co-workers with regards to Contract management and methods of construction for day labor projects.

Resume for Karl E. Benda, P.E.

April 25, 2016

- Performed the duties of COR (Contract Officer Rep) on a \$956,000 rehabilitation project for windows on a historic (1889) Calumet and Hecla warehouse building and a new roof on the historic C&H Library building.
- Applied for and obtained a Fire Protection Intern for the summer of 2012 to ensure the park met mandated fire protection requirements of NPS.
- Coordinated various facility maintenance issue resolutions involving park facilities. This included identifying project needs and development and packaging into FMSS of new required facility projects on a yearly basis and as needed. Represented the park at the yearly north end zone facility maintenance meetings held in Wisconsin. Acted as Facility Maintenance Lead at times when assigned by the Chief of Facility Maintenance at the Park.
- Performed construction management and COTR duties for a \$3.9 million interior rehabilitation project for the park visitor center which opened October 27, 2011.
- Assisted Homestead National Monument in Beatrice, Nebraska with design of foundations and site work for relocation of historic log cabin. (Two week detail).
- Assisted Arizona Memorial at Pearl Harbor, Hawaii with stabilization of historic bungaloes which were originally built in 1929. (Three week detail).
- Performed COR duties for window project on the historic Union Building and the Keweenaw History Center. (Project cost is \$737,000).
- Assisting with the design and packaging of a metal roofing project for the Quincy Smelter at a park partnering site in Ripley, Michigan. This was a partnering project with Franklin Township. (Value: \$1.25 million).
- Involved with the coordination of design for park projects from start to finish. All work involved regular verbal and written communication skills.

Construction Representative/Inspector (GS-0809-09), May 2005 – Dec 2008

United States Department of Interior, National Park Service, 1849 C Street, N.W.

Washington, D.C. 20240; Historic Preservation Training Center (HPTC)

(Supervisor: Fritz Rushlow, Phone: 301-663-8206 ext. 128)

- Administered and oversaw the contractor's day to day activities as the sole, on site, person responsible for monitoring and managing contract modifications and all aspects of the scope of work for the rehabilitation of the interior of the Calumet and Hecla Administration Building Project. (Project cost was \$1.4 million).
- Provided on site contract administration for HPTC as NPS representative for preservation construction projects involving historic structures. Completed exterior rehabilitation of the historic Union Building (originally built in 1889) located in Keweenaw National Historical Park. Work included restoration of historic masonry, millwork, metalwork cornice, storefront, structural rehabilitation and installation of new total building fire suppression and security systems. (Approximate total project cost was \$2 million).
- Duties involve project inspection, chairing onsite progress meetings with contractor, contract monitoring for cost, schedule, documentation, submittal review, development of contract modifications, record of treatments, adherence to government historic preservation policies and regulations, materials procurement, quality control, site safety and development of final project as built drawings and documentation.
- Provided construction inspection services and technical expertise for the following Keweenaw National Historical Park projects: Historic Library Building (built 1898) fire suppression system, Quincy Miner's Houses roof and structure stabilization, Carpentry Shop Implementation, Temporary Park Staff office facility preparation, Union Building boiler project, Warehouse #1 (built 1894) fire suppression rehabilitation.
- Performed as the COTR for construction projects involving the Union Building Steam Heat rehabilitation, Warehouse #1 Utility Upgrades and Slate Roof Project for the Quincy Mine Office.

Resume for Karl E. Benda, P.E.

April 25, 2016

Project Engineer/Owner's Representative, Jan. 2004 – May 2005

Private Practice Karl E. Benda, P.E., Calumet, MI 49913 (same phone and address above)

Michigan Tech Employees Federal Credit Union, Houghton, MI

(President/CEO: Ted Frederickson, Phone: 906-482-5005)

- Functioned as Owner's technical representative for a 2,600 square foot expansion project (approximate total cost was \$1 million)

Private Projects, Jan. 2004 - May 2005

- Design and construction of personal projects including saw mill building, camp expansion and house finish trim, electrical and plumbing.

Project Engineer/Project Inspector, July 2002 - Jan. 2004

Peckham Engineering, Inc., 51692 N. Industrial Dr. Calumet, MI 49913

(Supervisor: Dennis Jouppe, Phone: 906-482-6336)

- Project Inspection for various airport projects during construction. Technical project design was done during the winter months and built during the summer.
- Monitor project costs, progress payments, quality/quantity in accordance with project documents and change orders; prepare monthly billings of actual costs ensuring conformance with project documents prior to presenting to the client for payment.
- Important requirements in written and verbal communications were required throughout the projects.
- Project coordination was done with contractors and the owner (Michigan Dept. of Transportation Bureau of Aeronautics)
- Communications with the owner and contractors was through MDOT computer systems along with company software during design and construction.

Senior Estimator; Aug. 2000 - July 2002

Gundlach Champion, Inc., 600 E. Lakeshore Drive, Houghton, MI 49931

(Supervisor: Dan LeVeque, Phone: 906-482-2480)

- Prepare and submit estimates for bid proposals and review bid packages for errors and omissions.
- Monitor project costs, progress payments, and change orders; prepare monthly billings of actual costs and present to the client for payment.
- Coordinate design/build projects for local agencies and public entities.

Project Engineering Manager; June 1990 - Aug. 2000

A.Lindberg & Sons, Inc., 560 Mather Ave., Ishpeming, MI 49849

(Supervisor: Gary Saari, Phone: 906-361-1229)

- Responsible for quality control of aggregate crushing operations for the company.
- Construction, inspection and managing of Contractors and Subcontractors for MDOT, County and Federal road and bridge projects along with complex utility infrastructures.
- Prepared and submitted estimates for bid proposals and reviewed bid packages for errors and omissions.
- Monitored project costs, progress payments and change orders; prepared monthly billings of actual costs and presented to the client for payment.
- Developed and implemented Quality Control procedures for Federal and State transportation projects.
- Developed design for site development involving utility infrastructure, roads and site grading.

Contracts Supervisor/Project Field Engineer; Dec. 1975 - Dec. 1990

Bechtel Corporation Inc., 50 Beale St., San Francisco, CA

(Last Supervisor: Dave Lavelle, Phone: 517-832-2679)

Resume for Karl E. Benda, P.E.

April 25, 2016

Bechtel Construction Inc. - Elko, Nevada (1987 - 1990)

- Wrote, issued, administered and closed out contracts for subcontractors on Newmont Gold Mine expansion project.
- Supervised construction specialty testing contractors in coordination with architect and engineer requirements.
- Coordinated engineering progress with ongoing "fast track" project development.
- Managed planning, engineering, scheduling and construction of various project contracts as the project field engineer.

Arabian Bechtel Co. LTD. - Jubail, Saudi Arabia (1977 - 1980 and 1983 - 1987)

- Direct interface with architectural/engineer design team in development of new industrial city infrastructure.
- Reviewed design and construction documents and assembled contract bid packages.
- Supervised twenty two inspectors and engineers along with managing contractors for ten mile long (three compartment) industrial seawater cooling canal remedial work.
- Summarized daily progress and presented results to Saudi Royal Commission.
- Prepared recommendations to owner regarding resolution of daily issues impacting scheduling and quality issues of major concern to project.
 - Represented client in progress meetings and on-site inspections by architects, engineers and regulatory inspectors. Training and mentoring of Saudi Nationals.

Bechtel Civil & Minerals - Ketchikan, Alaska (1983)

- Acted as liaison between owner (U.S. Borax, Co.), contractor, U.S. Forest Service, and U.S. Environmental Agency to resolve road construction problems and ensure adherence to Special Use Permit.
- Monitored safe blasting procedures on a ten mile long access road project.

Bechtel Civil & Minerals - San Francisco, California (1982)

- Assisted Division Manager during planning, engineering and home office coordination of divisional field projects.
- Prepared project cost estimates, budgets, surveys, reports and construction specifications for project start-ups.

Bechtel Civil & Minerals - Silver City, New Mexico (1980 - 1982)

- Administered construction contracts, monitored contractor progress, monitored and authorized contractor progress payments and construction safety.
- Managed document control department maintaining complete and current set of project files including correspondence, bulletins, shop drawings, requests for information, unresolved issues, contractor staffing and as-built set of construction documents.

Bechtel, Inc. - Ishpeming, Michigan (1976 - 1977)

- Provided on-site project supervision with inspection and coordinated quality control reviews.
- Prepared and monitored final inspection punch lists for Cleveland Cliffs, Inc.

Bechtel, Inc. - Virginia, Minnesota (1976)

- Maintained daily reports of construction activity.

RECOGNITION HONORS AND AWARDS

- 2010 and 2011- Performance based Monetary Award for Excellent Performance Rating, National Park Service, Keweenaw National Historical Park
- 2008 - Performance based Monetary Award for Excellent Performance Rating, National Park Service, Keweenaw National Historical Park
- 2007 and 2009- Performance based Monetary Award for Superior Performance Rating, National Park Service, Keweenaw National Historical Park
- 2006 - Star Award, recognition of Superior performance, US Department of Interior, HPTC
- 1967 - Eagle Scout Award, Boy Scouts of America

Resume for Karl E. Benda, P.E.

April 25, 2016

CERTIFICATES AND TRAINING

Proficient in computer systems including excel, word and Gov't software for construction project management.

- 2016 - MDOT Dispute Review Board Training (DRB)
- 2012 - OSHA Lead Awareness Training
- 2012 - Asbestos Awareness Training
- 2012 - Red Cross First Aid and CPR Training
- 2012 - Certification as a Storm Water Management Operator
- 2012 - Certificate of Training - Federal NPS Records Management Awareness
- 2012 - Certificate of Training - Federal Information Systems Security Awareness
- 2012 - Certificate of Training - Federal NPS Orientation to the Privacy Act
- 2011 - COR/COTR Training, 40 hours
- 2011 - NPS Fundamentals
- 2009 - Certification of Training - 24 hour Hazardous Materials (HAZWOPER)
- 2008 - FMSS (Facility Management Software System) Training - eight modules
- 2006 - OSHA Training, 40 hours
- 2000 - Hazardous Material Training Program to comply with 29 CFR 1910.120
- 2000 - Certificate of Training - Level 1 Aggregate Technician
- 1995 - Certificate of Training - Level 1 Bituminous Technician
- 1990 - Certificate of Training - Labor Law
- 1989 - Certificate for Contracts Management

Professional Organizations/Volunteer Positions

- 2006 - 2010 - Hearing Officer, Village of Calumet, MI, Dangerous Building Ordinance
- 2003 - 2006 - Member Supervisory Committee, Michigan Tech Federal Employees Credit Union, Houghton, MI
- 1995-2010-Member of Industrial Advisory Board, School of Civil Engineering Technology, Michigan Technological University, Houghton, MI
- 1998 - MRBA Committee for Equal Opportunity, Grading - Base & Roadside Development & Traffic Control & Signs
- 1995 & 1996 - Michigan Road Builders Association (MRBA) - Specifications & Structures Committee

