

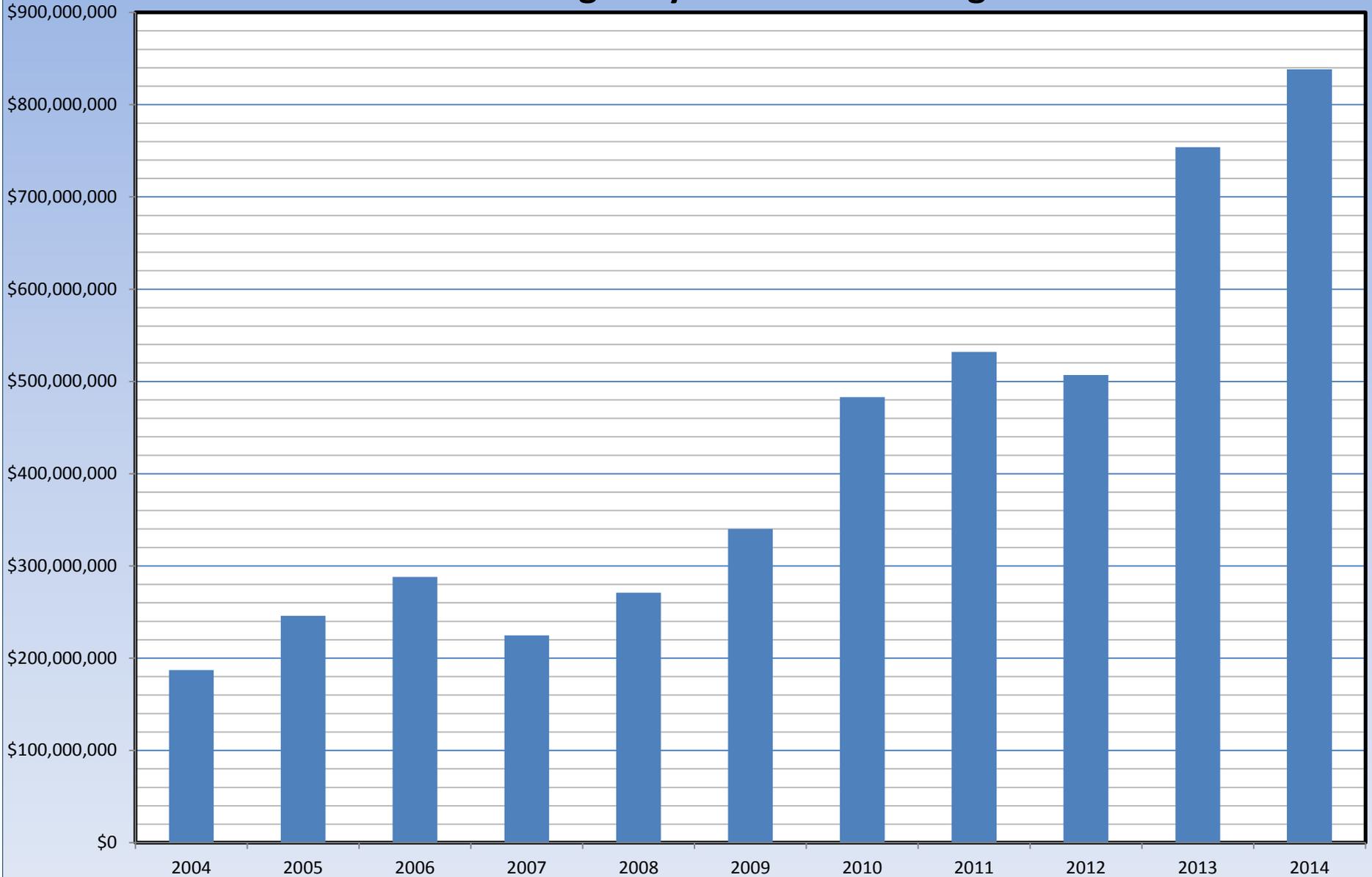
2014 Construction Conference



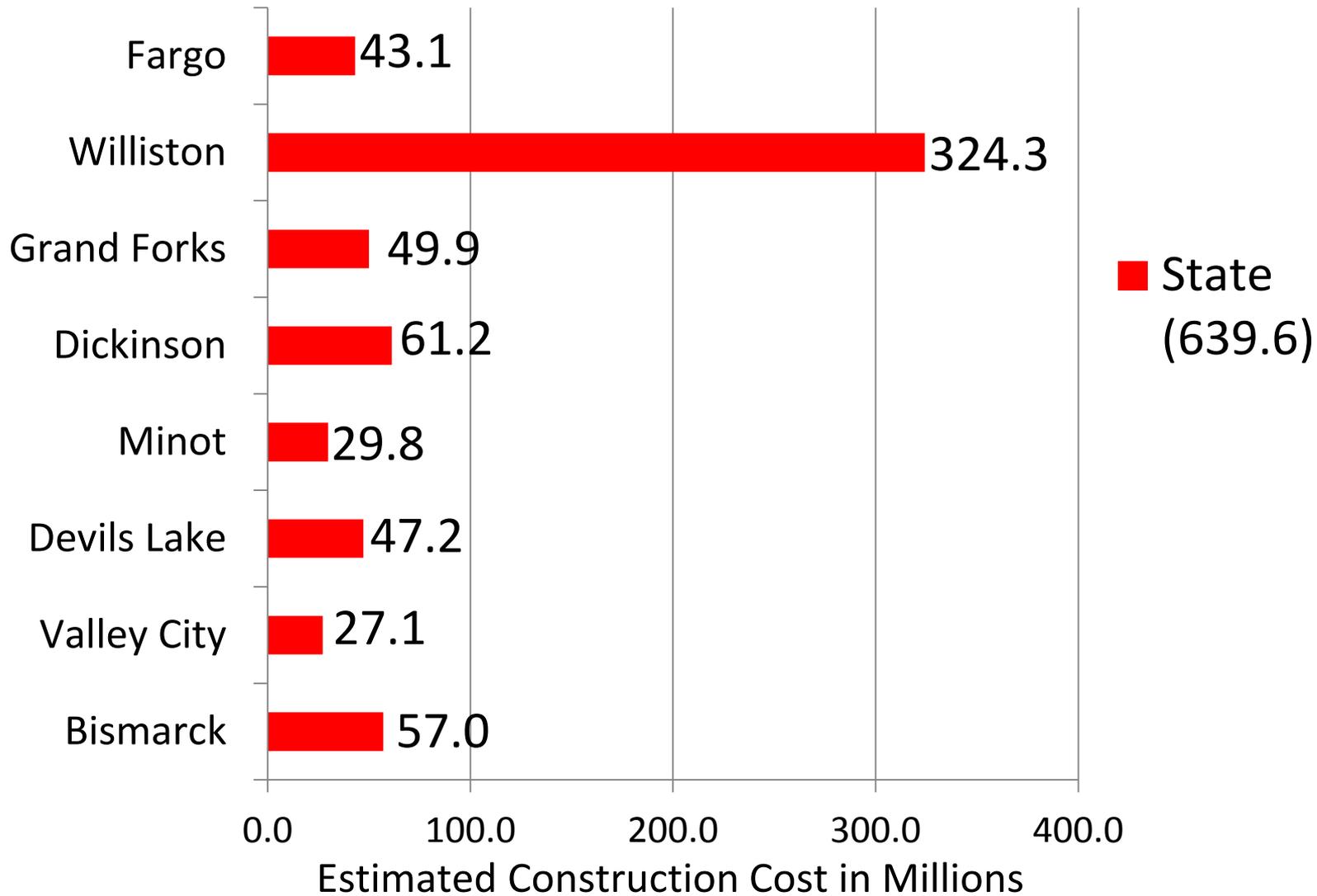
CAL J. GENDREAU
CONSTRUCTION
SERVICES ENGINEER

What's New for 2014?

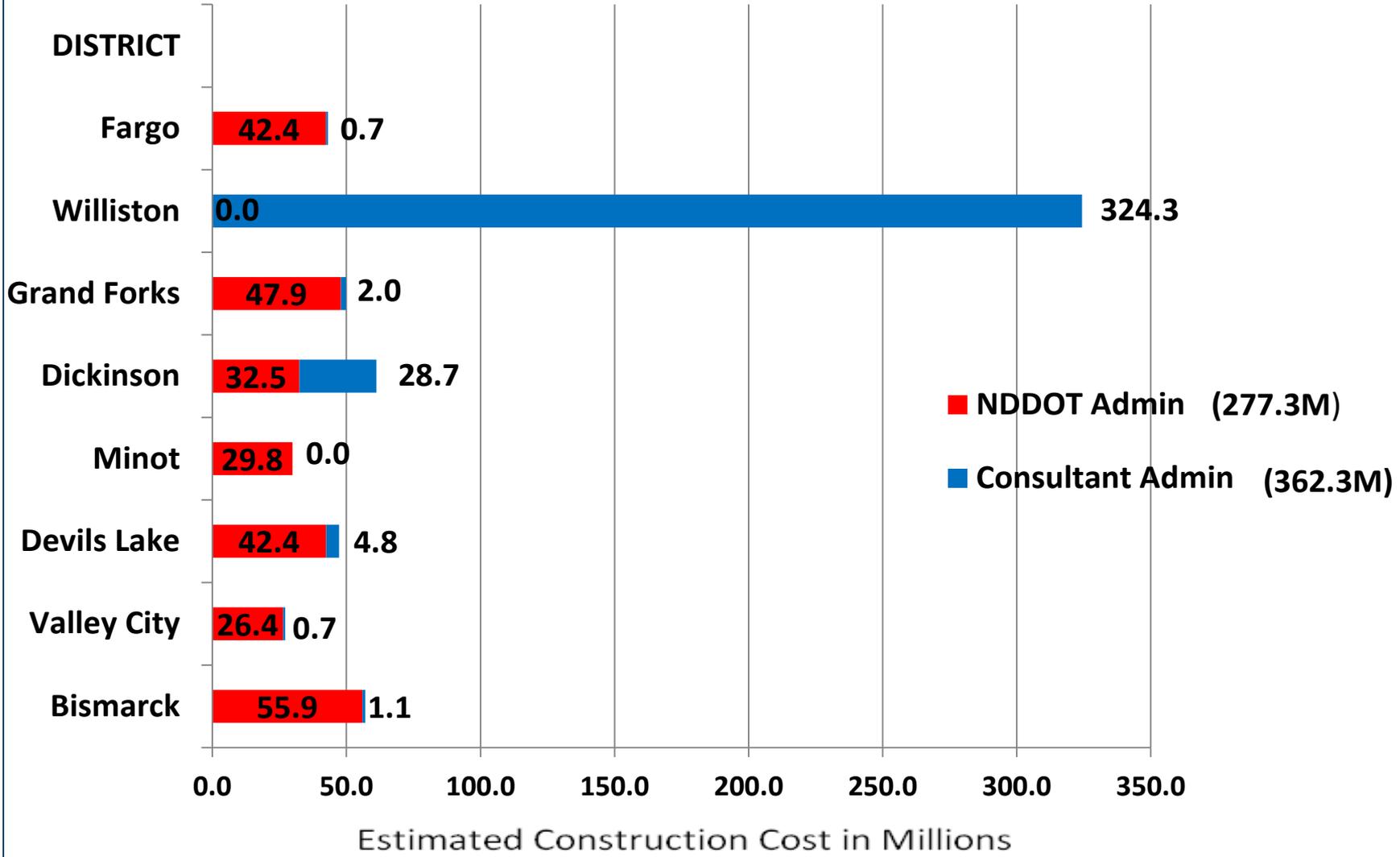
NDDOT Highway Construction Program



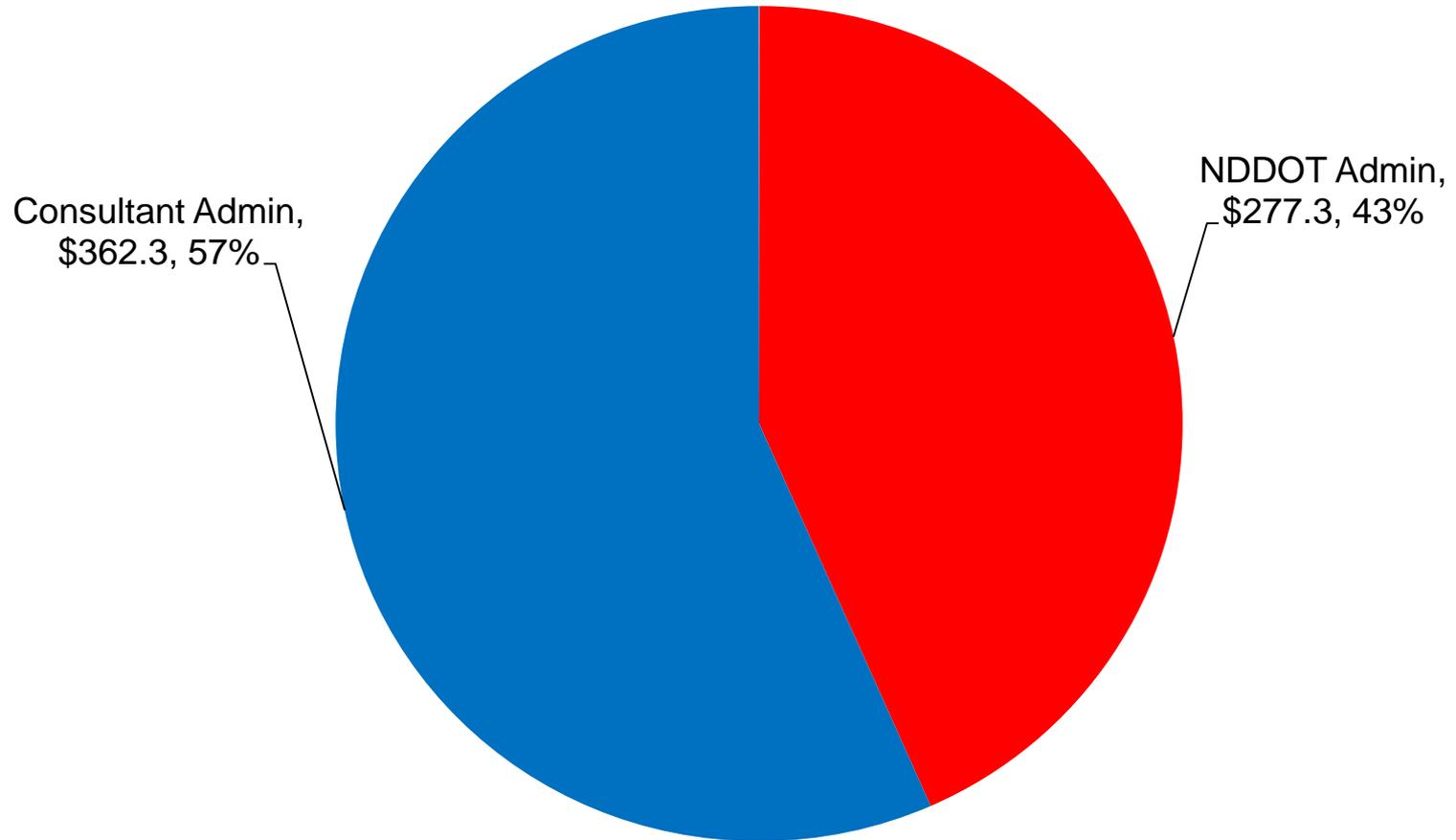
2014 Workload by Dollar Amount



2014 Workload NDDOT/Consultant



2014 NDDOT and Consultant Staffing/Construction Contract Amount



District & Consultant Staffing 2014



	District	Consultant	Total
Bismarck	\$ 55,910,829	\$ 1,123,832	\$ 57,034,661
Valley City	\$ 26,363,666	\$ 676,000	\$ 27,039,666
Devils Lake	\$ 42,392,307	\$ 4,783,193	\$ 47,175,500
Minot	\$ 29,796,000	\$ -	\$ 29,796,000
Dickinson	\$ 32,491,000	\$ 28,681,000	\$ 61,172,000
Grand Forks	\$ 47,917,259	\$ 1,998,000	\$ 49,915,259
Williston	\$ -	\$ 324,267,000	\$ 324,267,000
Fargo	\$ 42,406,497	\$ 723,000	\$ 43,129,497
	\$ 277,277,558	\$ 362,252,025	\$ 639,529,583

❖ Does not include carry over work.

2014 Construction Projects

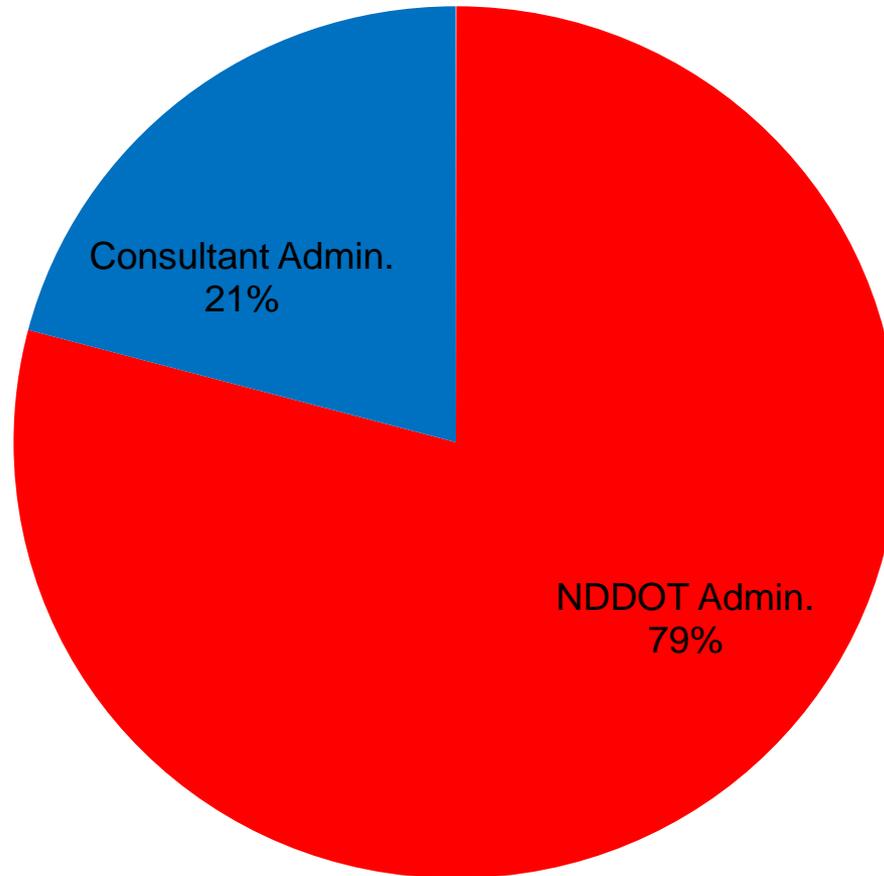


145 NDDOT Construction Engineering & Inspection

34 Consultant Construction Engineering & Inspection

179 Total

2014 Construction E & I/Number of Projects



2013

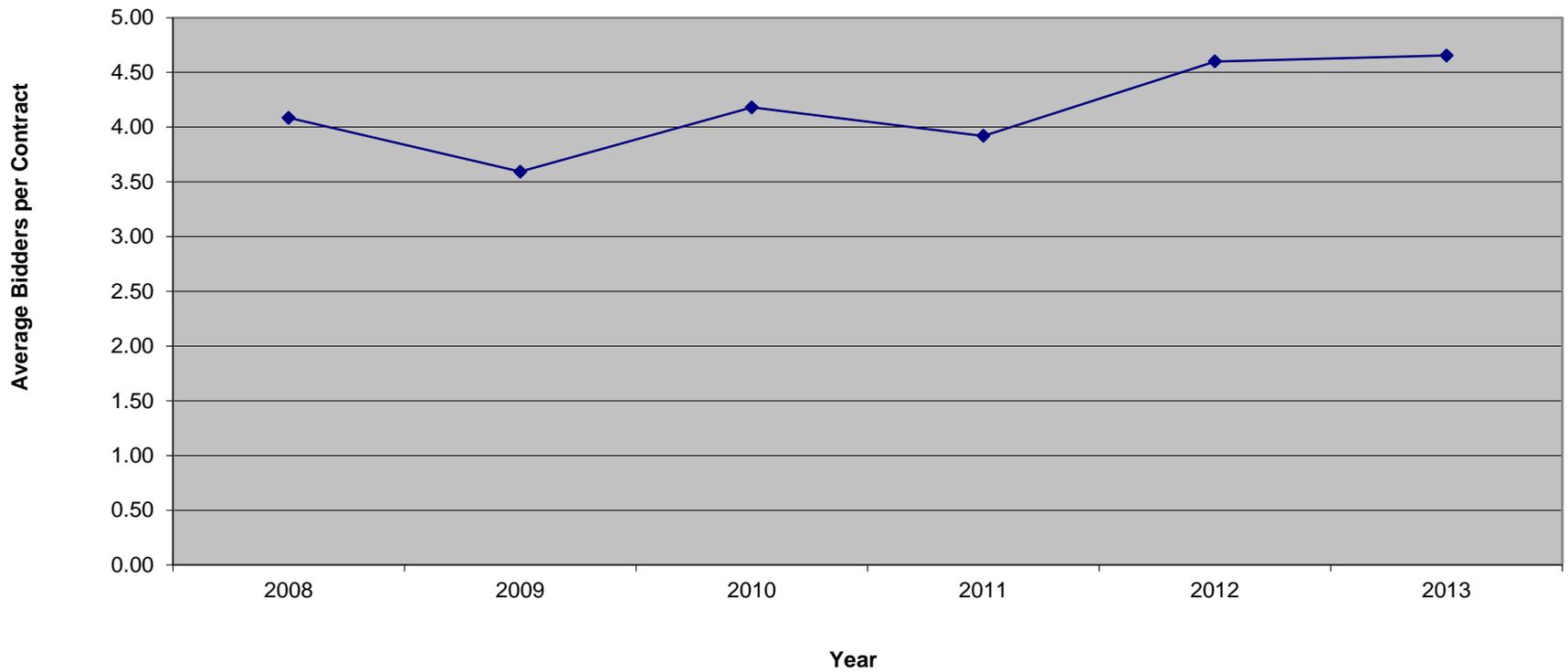


Averaged 4.7 Bidders/Project

NDDOT Contractor Competition



Competition



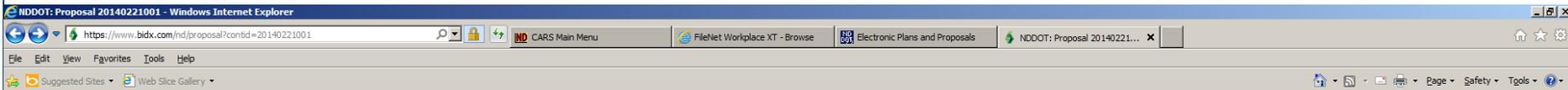
2013



290 Qualified Contractors

410 Registered Subcontractors

PREBID QUESTION & ANSWER WEB PAGE



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February 11, 2014 01:48 PM CST

- NDDOT
- Lettings
- Search
- Advantage
- Bid Tab Analysis
- Small Business Network

North Dakota Department of Transportation ▾

List of Lettings > February 21, 2014 > 20140221001

Contact Bid Express

[Manage this Proposal.](#)

◀ Proposal 20140221001 ▶

PAVEMENT MARKING

Date Generated: 01/27/2014
Date Revised:
Call Order: 001
Items: 7

Sections: 1
Amendments: 0
Highway Number: 9999
 BURLEIGH
 EMMONS
 GRANT
 KIDDER
Counties:

Also Available

- [Advantage - View Bids](#)
- [Bid Tab Analysis](#)
- [Plan Sheets \(0\)](#)
- [Questions and Answers](#)

Downloads

- [21Feb001.EBS](#)
- [EBLib File](#)

[Export \(csv\)](#) | [Export \(tab\)](#)

Line	Item	Quantity	Unit	Description	Price
Section 0001: BISMARCK					
11030100	103 0100	1.000	L SUM	CONTRACT BOND	
17020100	702 0100	1.000	L SUM	MOBILIZATION	
17620103	762 0103	790.000	SF	PVMT MK PAINTED-MESSAGE	
17620107	762 0107	2,072.000	MILE	PVMT MK INSTALLATION	
17621104	762 1104	138,499.000	LF	PVMT MK PAINTED 4IN LINE	
17621108	762 1108	20,041.000	LF	PVMT MK PAINTED 8IN LINE	
17621124	762 1124	3,183.000	LF	PVMT MK PAINTED 24IN LINE	
(7 Items)					

PREBID QUESTION & ANSWER WEB PAGE (cont'd)

Q & A - Electrical Drop Arm Road Closure Gate - Windows Internet Explorer
https://www.bidx.com/nd/qandaview?contid=&questionid=6
CARS Main Menu | FileNet Workplace XT - Browse | Electronic Plans and Proposals | Q & A - Electrical Drop Arm R... X



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MyBidx Messages Admin Help

NDDOT | **Lettings** | **Search** | **Advantage** | **Bid Tab Analysis** | **Small Business Network**

February 11, 2014 01:43 PM CST

North Dakota Department of Transportation ▾

List of Lettings > February 21, 2014 > 20140221009 > Q & A > Question Asked

[Contact Bid Express](#)

[Manage Question](#)

[Search Questions](#) | [Submit a Question](#)

Question asked regarding 20140221009

Letting ID:	14022101	Call Order:	009
Number:	1		

Electrical Drop Arm Road Closure Gate

Clarification:
Bid item 145 and 146 are for "Road Closure Gate 28FT & 40FT". Are these bid items per NDDOT standard D-900-3 "Road Closure Gates" or are these bid items per project plan sheets 20:18-21 showing electrical "Drop Arm Road Closure Gate"?

Asked at 02/11/2014 07:31:12 AM

Details for the ROAD CLOSURE GATE - 28 FT and ROAD CLOSURE GATE 40 - FT bid items are per Section 20 Sheets 18 through 22 of the plans.

Answered at 02/11/2014 09:57:11 AM

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CONTRACT PLANS AND PROPOSALS

Contract Plans & Proposals

Contract Plans and Proposals

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NDDOT North Dakota Department of Transportation

Contract Plans and Proposals

Search

Contract Plans are complete sets of plans with the addendum additions or changes made and saved together. A Contract Proposal is a complete proposal with the contract and addendums added and saved together. Contract Plans are available for project bid openings dated October 2012 and later. Contract proposals are available for project bid openings dated June 2013 and later. Searching by one or more of the fields below will allow users to find the Contract Plans or Contract Proposals needed. See list below to help with your search.

Search By **Enter**

PCN Up to five digit PCN

Project Number All or part of a project number (Ex. ABC-0-123(456)789 or 123(456)

Letting Date MM/DD/YYYY (Ex. 03/11/2013)

Highway Number Three digit highway number (Ex. 002, 094, or 200)

Prime Contractor Full or part of prime contractor's name

Search Criteria

PCN is equal to

Project Number is equal to

Doc Type is equal to

Letting Date greater than or equal to (mm/dd/yyyy)

Letting Date less than or equal to (mm/dd/yyyy)

Highway starts with

Prime Contractor contains

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Questions or Comments? [Contact NDDOT](#)

To view some resources on this site, download [Adobe Reader](#) PDF or viewers for Microsoft [Word](#), [Excel](#), or [PowerPoint](#).

140%

CARS/FileNet



- Official document management system for NDDOT
- Use NDDOT projects when Director signs contract
- Consultants required to use for NDDOT projects

CARS/FileNet (continued)



- See Section 2 Construction Records Manual
- Add documents
- View documents
- Pre job conference minutes
- Other correspondence
- Search feature has been added (2012)

CARS



CARS Related Documents - Windows Internet Explorer

http://auth.apps.state.nd.us/dot/cnst/cars/CARSMainSubmit.do

File Edit View Favorites Tools Help

North Dakota nd.gov Official Portal for North Dakota State Government

Construction Automated Records System

Project: IM-8-029(089)069 [Main Menu](#)

SubProject: 1 - PCC RECONSTRUCTION, RAMP OVERLAY & RECONSTRUCTION

Subject/Title:

Division No:

Beginning Date: (mm/dd/yyyy)

Ending Date: (mm/dd/yyyy)

Document Type:

PCN: Equals 16361

380 records found, displaying all records.

Document Title	Project No.	Subject/Title	Division No.	Date	Document Type
<input type="checkbox"/> Pipe concern rust - Erika reply to Kevin	IM-8-029(089)069	Pipe concern rust - Erika reply to Kevin	681 FARGO - CONSTRUCTION	01/31/2012	EMAIL
<input type="checkbox"/> Concerns over metal pipe - Kevin G	IM-8-029(089)069	Concerns over metal pipe - Kevin G	681 FARGO - CONSTRUCTION	01/30/2012	EMAIL

Progress Schedule Requirement



- **Section 108**
- **Due 10 days before pre-job conference**
- **Time scaled bar chart & narrative**
- **Major activities/production rates**
- **Engineer accepts/rejects**
- **Update schedule once a month**



Notice of Intent to File a Claim

Dispute Status	2012	2013
Resolved	23	13
Unresolved	15	34
Total	38	47

NOI/CLAIMS MODULE IN CARS



-  **2014 CARS update**
-  **Track NOI**
-  **Track Claims**
-  **Provide current status**
-  **Data provided at project level**

Buy America



- **23 USC 313**
- **ISTEA Section 1041(a) and 1048(a)**
- **23 CFR 635.410**
- **All Federal-aid projects**

■ **IRON & STEEL only**

- ▶ All manufacturing processes must take place domestically
- ▶ Includes coatings on these materials

■ **Minimal use = 0.1% (contract value) or \$2500**

Buy America *(the law in part...)*



23 USC 313(a):

“Notwithstanding any other provision of law, the Secretary of Transportation shall not obligate any funds authorized to be appropriated to carry out the Surface Transportation Assistance Act of 1982 (96 Stat. 2097) or this title and administered by the Department of Transportation, unless steel, iron, and manufactured products used in such project are produced in the United States.”

Buy America Coverage



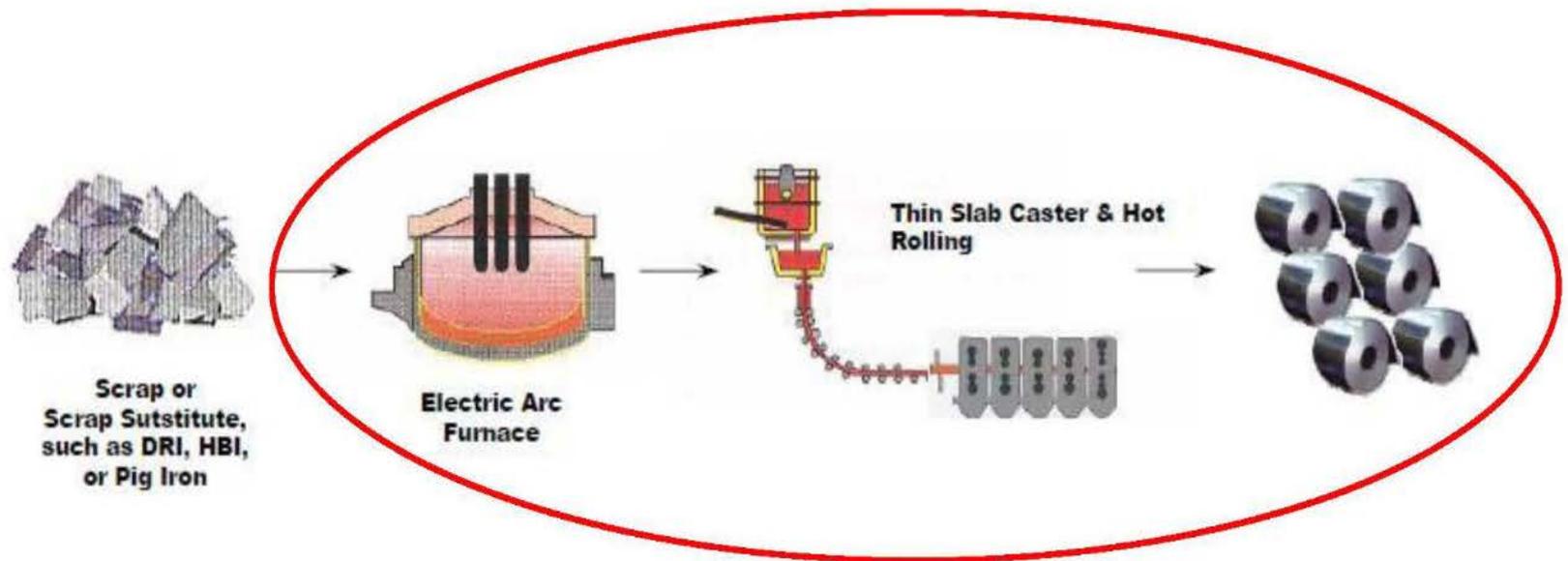
Integrated Mill Producing Sheet Products



Buy America Coverage



EAF Mini-Mill Producing Sheet Products



Buy America



- NAFTA does **NOT** apply
- Buy America is NOT the same as Buy American

BUY AMERICA vs. BUY AMERICAN

Requirement	Statute	Applicability	Coverage	Threshold
Buy America	23 USC 313 23 CFR 635.410	Federal-aid Contracts	Iron and steel products only	None. NAFTA/EU, no effect
Buy American	FAR 41 USC 10a-10d 48 CFR 25	Direct fed. Govt. contracts	All materials except the 100 specified	Specifically identified in NAFTA & other trade agreements

Successful Practices



- FHWA expects States and LPA's to enforce Buy America requirements.
- States should have adequate material certification procedures in their program to ensure compliance.
 - NDDOT Section 106.09

Certifications



- **A valid certification documents compliance.**
- **Must be certified by the manufacturer**
- **Suggested certification language:**

“All manufacturing processes for these steel and iron materials, including the application of coatings (unless granted a waiver pursuant to 23 CFR 635.410), have occurred in the United States.”

Foreign Certificate Example



№ Heat No.		№ Roll No.		Номера планов Nos. of Heats	Группы (классы) Сорт (class) of strength	Марка стали Grade of Steel	Размеры, мм Dimensions, mm		Номера пакета Package Nos.	Масса (кг) Mass (kg) штуки pieces		№
1	1	1	1	1662960	1020	1020	4.57	1210	366	20710	20700	
2	1	1	1	1662960	1020	1020	4.57	1210	367	20510	20500	
3	1	1	1	1662960	1020	1020	4.57	1210	368	20410	20400	
											61630	61600

№ Heat No.		№ Roll No.		Номера планов Nos. of Heats	C	Si	Mn	S	P	Al	Cr	Ni	Cu
1	1	1	1	1662960	.17	.03	.44	.016	.011	.038	.01	.01	.03
2	1	1	1	1662960	.17	.03	.44	.016	.011	.038	.01	.01	.03
3	1	1	1	1662960	.17	.03	.44	.016	.011	.038	.01	.01	.03

№ Heat No.		№ Roll No.		Номера партий Nos. of Lots	Предел прочности Tensile strength	Предел текущий Yield strength	Удлинение Elongation	Ударная вязкость Impact ductility	Ударная вязкость после наклепа Impact ductility after Mechanical aging
1	1	1	1	40023	457.0	357.0	45.0	satisfactory	
2	1	1	1	40023	457.0	357.0	45.0		
3	1	1	1	40023	457.0	357.0	45.0		

9803385

Примечание: Телераковка пр-ва: 760-800 Служба: 570-610
 Note: Дополнительная маркировка покупателя
 Additional marking of Foreign Buyer
 Подтверждается, что результаты проверки соответствуют согласованным условиям поставки.
 This is to certify, that the test results are in agreement with the specifications.

Mill cert is in Russian!!!

 <p>STINOL</p>	<p>АО "НОВОЛИПЕЦКИЙ МЕТ. NOVOLIPETSK IRON</p>
<p>Продавец (Экспортёр) Seller (Exporter) VO TIAJPROMEXPORT</p>	<p>5094</p>
<p>113324 MOSCOW OVCHINNICOVSKAYA NAV,18/1</p>	
<p>Грузовозачетный, адрес, страна: 840</p>	

Example Products Subject to Buy America



- Fabricated Structural Steel
- Reinforcing steel
- Piling
- High strength bolts
- Dowel bars
- Bridge bearings
- Pre-stressing/Post-tensioning wire
- Guardrail

Example Products Subject to Buy America (cont'd)



- Guardrail posts
- Cable guardrail
- Steel fencing material
- Steel or iron pipe
- Grates
- Manhole covers
- Mast Arms
- Poles

12/21/2012 memo: “Clarification of Manufactured Products under Buy America”

- Clarifies the application of Buy America requirements to manufactured products
- Requirements apply to structural steel or iron components of pavements, bridges, tunnels, etc.
- Does not apply to manufactured products that are:
 - ▶ Not predominantly steel or iron (90% by weight)
 - ▶ Miscellaneous steel or iron components, subcomponents and hardware necessary to encase, assemble and construct steel components (e.g. cabinets, covers, shelves, clamps, fittings, sleeves, washers, bolts, nuts, screws, tie wire, spacers, chairs, lifting hooks, faucets, door hinges, etc.)

Buy America Construction Program Guide Web Page

<http://www.fhwa.dot.gov/construction/cqitlbuyam.cfm>

Trafficland Sign-In Notification  Bing  Google Maps  Weather  NOAA  Gmail  verizon  WTOP  top Post 

Construction Program Guide

Buy America

The FHWA's policy for Buy America provides for:

- a domestic manufacturing process for any steel or iron products (including protective coatings) that are permanently incorporated in any project funded under Title 23
- alternate bid provisions
- minimal usage criteria for non-domestic products
- a waiver process based on public interest or the availability of domestic products

On Tuesday, February 12, 2010, The United States Trade Representative's Office announced a [tentative agreement between the United States and Canada](#). The Agreement specific programs for coverage, however, it does not include the highway program. Thus, all Federal-aid highway projects, including those funded under the Recovery Act (grants, which are subject to section 1605 of the Recovery Act), administered by FHWA will continue to be subject to the Buy America provisions in Title 23 U.S.C. 313.

Authority/Legal Basis

- Laws**
 - The [FHWA's statutory provisions for Buy America are found in Title 23 United States Code, Section 313](#).
- Regulations**
 - [Title 23 C.F.R. 635.410](#) provides the FHWA's regulatory policy regarding Buy America. (Note: this regulation was last updated on November 25, 1983, and does not [stewardship oversight, and applicability requirements](#) resulting from the 1991 ISTEA and the 1998 TEA-21. See the discussion in the FHWA Contract Administration Manual for current FHWA policy).
- Rule Makings / Federal Register Notices**
 - [November 25, 1983 Final Rule Making Buy America Requirements](#) includes the preamble and regulatory narrative that form the basis for the FHWA's current Buy America policy.
 - [July 21, 1993 Final Rule Making](#) implements the requirements of ISTEA Section 1041(a) that provide for a revision of FHWA's Buy America requirements to include a coating for steel or iron products.
 - [February 9, 1994 Notice of a nationwide waiver of Buy America for ferryboat equipment and machinery](#) is the Federal Register notice which lists specific requirements for a nationwide waiver.
 - [March 24, 1995 Notice of a nationwide waiver of Buy America for pig iron and processed, pelletized, and reduced iron ore](#) is the Federal Register notice which lists requirements for this nationwide waiver.
- Orders**
 - None
- Policy**
 - The [FHWA Contract Administration Core Curriculum Manual](#) summarizes the FHWA's policies and provides general guidance for Buy America provisions.
 - **Policy Memoranda**
 - [Headquarters memorandum dated December 21, 2012 provides a clarification of FHWA's position regarding the application of Buy America requirements to man products.](#) [New!](#)

Questions?



Any Questions?



49

Questions?