



Nebraska Mathematics Standards

State Board Update
August 6, 2015



Summary of Activities

- Review and incorporation of public comments received electronically
- Connections with business and industry
- Continued coordination with postsecondary education
- Public input meetings



Review of Electronic Feedback

- Approximately 270 responses received via email and the electronic survey
- Each suggestion was considered and, if appropriate, incorporated into the current draft



Business Connections

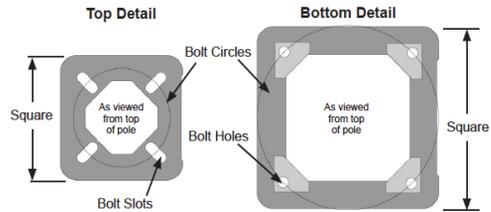
- Development of authentic problems that highlight how math is used in the workforce
 - Day 1: Teachers spent time in the business
 - Day 2 & 3: Development of authentic math problems; presentation of work to businesses
- Fiserv, Kawasaki, Conductix, Lincoln Machine, Valmont



Business Connections



Given the information in the following diagrams, approximate amount of steel needed to build the light pole base.



Assume that the area cut out of the top plate is an inscribed square.

TOP PLATE					BOTTOM PLATE					HEIGHT (IN)	QTY OF ACCESS DOORS	MODEL NUMBER
BOLT CIRCLE			SQUARE (IN)	THK (IN)	BOLT CIRCLE			SQUARE (IN)	THK (IN)			
DIA (IN)	± (IN)	MAX BOLT DIA (IN)			DIA (IN)	± (IN)	MAX BOLT DIA (IN)					
11.75	1.75	1.25	14.88	0.750	22.00	0.00	1.25	22.00	0.750	24.00	1	M202



Coordination with Postsecondary Education

- Higher education's responsibility to ensure that students who master the standards are prepared for freshman, credit-bearing math courses without remediation
 - Additional review of university math placement exams
 - Strengthen alignment between the standards and postsecondary entrance expectations



Public Input Sessions

- Comments will be helpful and considered as the draft is finalized
 - Tuesday, August 4th 10:00 a.m. CST/7:00 p.m. CST
 - Seven locations
 - Each speaker was allowed five minutes to provide input



Revision Timeline

Aug 2015	Public Input Meeting
Aug 2015	Incorporation of public comment
Aug 2015	Final draft posted
Aug 2015	Postsecondary Representatives Review
Sept 2015	Anticipated State Board Approval



Questions/Comments

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