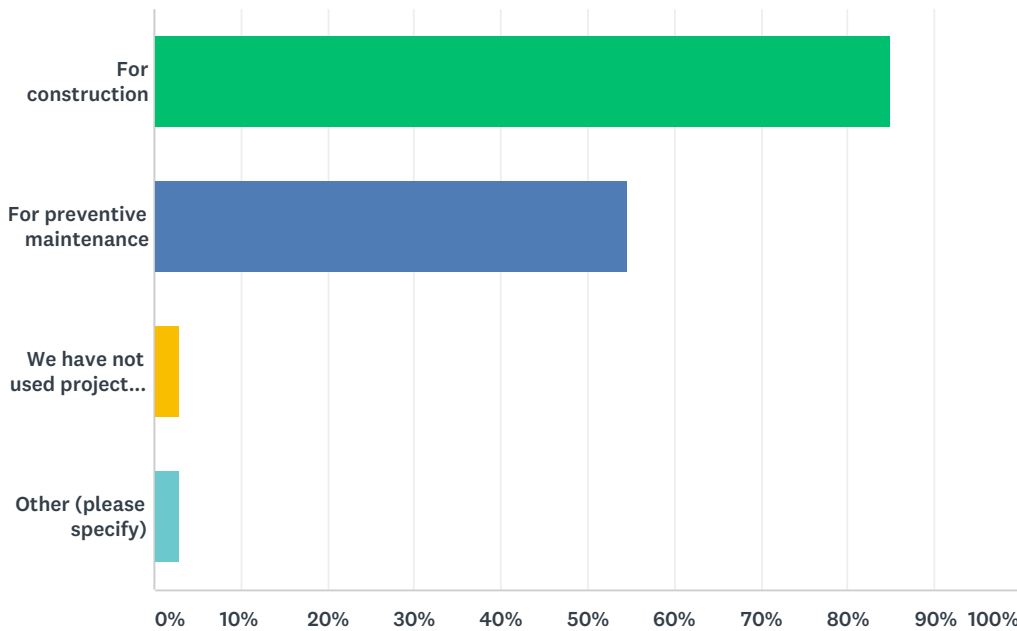


Q1 Has your state used project bundling for any aspect of your transportation program? (check all that apply)

Answered: 33 Skipped: 1

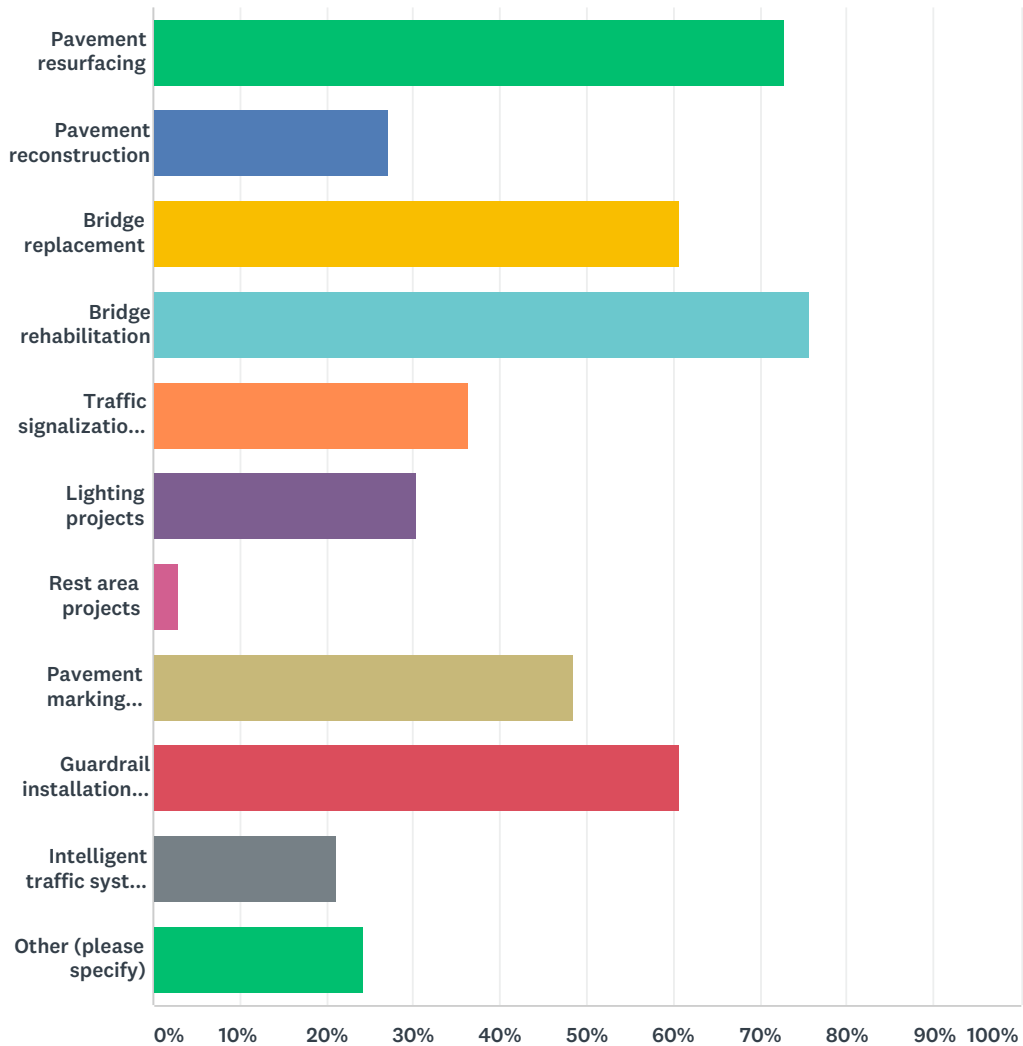


ANSWER CHOICES	RESPONSES
For construction	84.85% 28
For preventive maintenance	54.55% 18
We have not used project bundling (please skip to #11)	3.03% 1
Other (please specify)	3.03% 1
Total Respondents: 33	

#	OTHER (PLEASE SPECIFY)	DATE
1	VTrans has bundled project in design and Construction	2/13/2018 11:24 AM

Q2 What types of projects have you bundled? (check all that apply)

Answered: 33 Skipped: 1



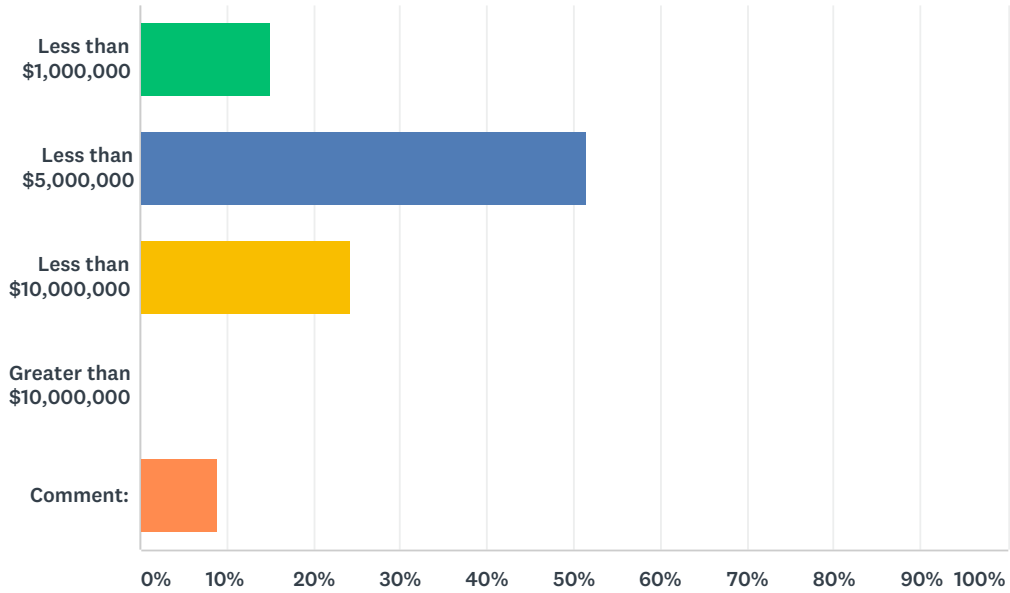
ANSWER CHOICES	RESPONSES	
Pavement resurfacing	72.73%	24
Pavement reconstruction	27.27%	9
Bridge replacement	60.61%	20
Bridge rehabilitation	75.76%	25
Traffic signalization projects	36.36%	12
Lighting projects	30.30%	10
Rest area projects	3.03%	1
Pavement marking projects	48.48%	16
Guardrail installation/replacement/repair projects	60.61%	20
Intelligent traffic system projects	21.21%	7

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Other (please specify)	24.24%	8
Total Respondents: 33		
#	OTHER (PLEASE SPECIFY)	DATE
1	emergency repair work after a disaster or major accident...some may be grouped/bundled depending on the size of the event. I don't know enough of how Bridge Maintenance manages their projects to speak for them, you'd probably need to check with Nick Fagerburg or David Miller.	2/8/2018 10:36 AM
2	Chip Seal and Microseal	2/6/2018 2:02 PM
3	Signing projects Delineator and milepost installation projects Bridge painting projects Optionally combined projects (contractor's choice)	2/5/2018 8:10 PM
4	Bridge Painting	2/2/2018 4:34 PM
5	Intersection improvements combined striping and signing Pavement rehab and bridge restoration combined	2/2/2018 12:53 PM
6	Sign replacement/repair	2/2/2018 11:51 AM
7	Culvert re-hab ADA curb ramps	2/2/2018 11:23 AM
8	Statewide ADA ramp construction Statewide rumble strip projects Statewide bridge HSIP updates Statewide striping contracts	2/2/2018 10:58 AM

Q3 What was the typical size of the bundled contract?

Answered: 33 Skipped: 1

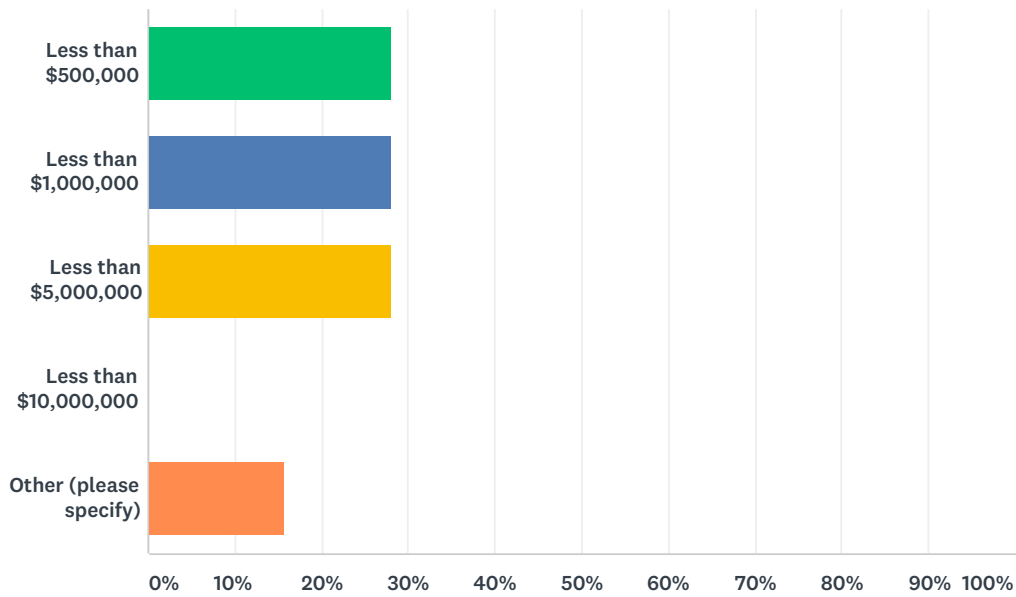


ANSWER CHOICES	RESPONSES
Less than \$1,000,000	15.15% 5
Less than \$5,000,000	51.52% 17
Less than \$10,000,000	24.24% 8
Greater than \$10,000,000	0.00% 0
Comment:	9.09% 3
TOTAL	33

#	COMMENT:	DATE
1	Do not have a typical size. Used when appropriate.	3/13/2018 1:24 PM
2	Contract size vary	2/9/2018 8:32 AM
3	Michigan DOT has not capped efforts at a specific monetary value. We have had projects from each category.	2/2/2018 3:27 PM

Q4 What was the typical size of individual projects included in a bundled contract?

Answered: 32 Skipped: 2

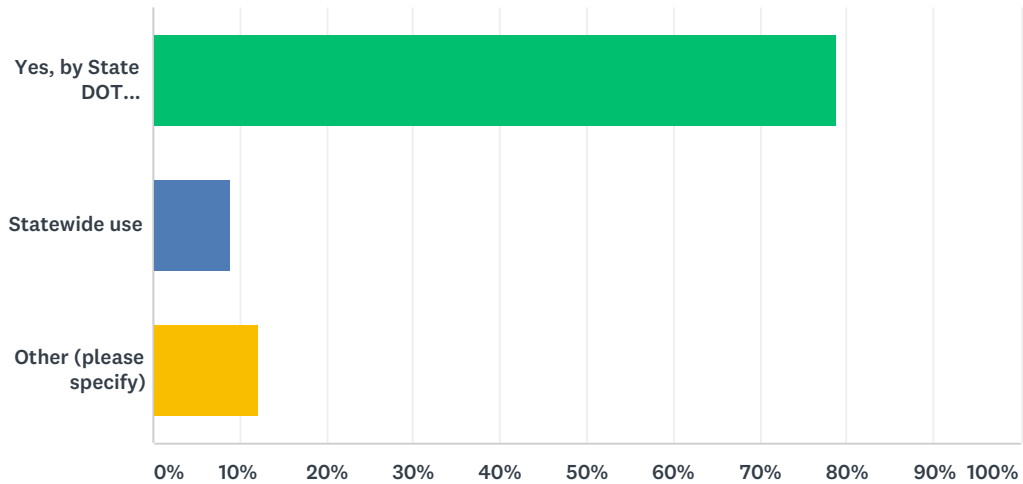


ANSWER CHOICES	RESPONSES
Less than \$500,000	28.13% 9
Less than \$1,000,000	28.13% 9
Less than \$5,000,000	28.13% 9
Less than \$10,000,000	0.00% 0
Other (please specify)	15.63% 5
TOTAL	32

#	OTHER (PLEASE SPECIFY)	DATE
1	Do not have a typical size. Used when appropriate.	3/13/2018 1:24 PM
2	Project size vary	2/9/2018 8:32 AM
3	This has also varied.	2/2/2018 3:27 PM
4	Bridge projects and resurfacing-generally less than \$5 million. Safety projects, less than \$500,000	2/2/2018 2:09 PM
5	I guess fro the most part we bundled work not necessarily projects	2/2/2018 10:58 AM

Q5 In general, were the bundled projects limited by geographic criteria?

Answered: 33 Skipped: 1

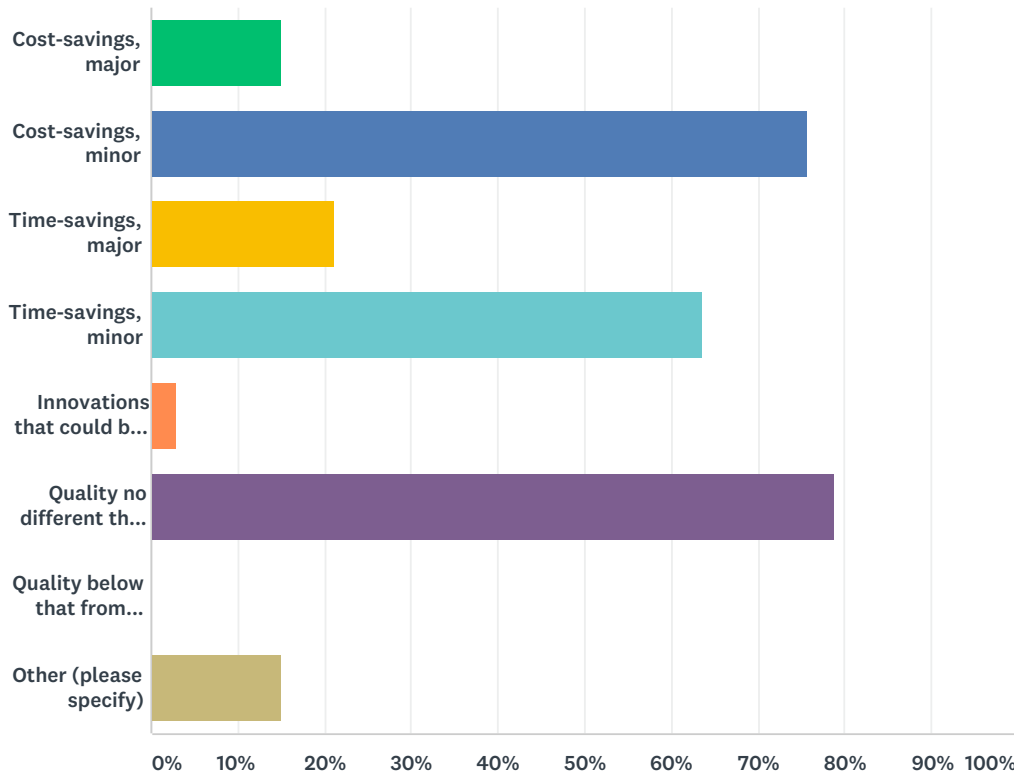


ANSWER CHOICES	RESPONSES	
Yes, by State DOT District/Region	78.79%	26
Statewide use	9.09%	3
Other (please specify)	12.12%	4
TOTAL		33

#	OTHER (PLEASE SPECIFY)	DATE
1	We have a Bridge Enterprise which requires CDOT to keep those funds separate from other funds.	2/23/2018 1:10 PM
2	Iowa DOT uses both Statewide and District-wide bundling, depending on the type of work.	2/5/2018 8:10 PM
3	Most were within the same DOT region and the same roadway, but several safety jobs were various locations on adjacent districts.	2/2/2018 2:09 PM
4	Most bundled projects are limited to a DOT Region, but occasionally they cover statewide.	2/2/2018 1:40 PM

Q6 Based on your overall experiences with bundling, which of the following general indicators would best describe your experiences? (check all that apply):

Answered: 33 Skipped: 1



ANSWER CHOICES	RESPONSES
Cost-savings, major	15.15% 5
Cost-savings, minor	75.76% 25
Time-savings, major	21.21% 7
Time-savings, minor	63.64% 21
Innovations that could be used on other projects	3.03% 1
Quality no different than from conventional contracting	78.79% 26
Quality below that from conventional contracting	0.00% 0
Other (please specify)	15.15% 5
Total Respondents: 33	

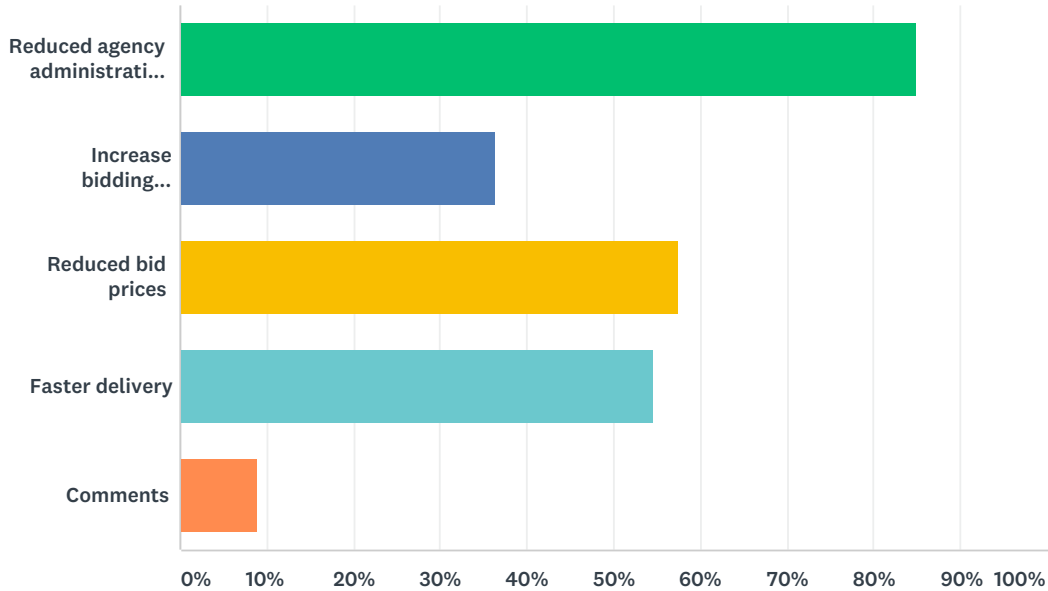
#	OTHER (PLEASE SPECIFY)	DATE
1	Get contractors who specialize in the type of work	2/6/2018 2:02 PM
2	The agency determined it would be difficult to accomplish projects when dealing with different contractors.	2/5/2018 2:56 PM
3	Cost savings and/or additional costs have been experienced.	2/2/2018 3:27 PM

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4	Larger scope and more locations likely increased unit costs on safety projects. We encouraged our designers to reduce the size of the projects to 3 or 4 adjacent districts to reduce this. Also, contract time was larger due to the size of the projects. This has also been reduced with limiting how many districts the work will be performed in. Better application has been on resurfacing and bridge replacement where the distances between sections is not as great (5-10 miles). Cost savings on them resulting vs. individual jobs due to larger quantities, and paying for one item for mobilization and maintenance of traffic.	2/2/2018 2:09 PM
5	Contractor flexibility in scheduling of the work around other work.	2/2/2018 10:58 AM

Q7 What are some advantages of bundling? (check all that apply)

Answered: 33 Skipped: 1



ANSWER CHOICES	RESPONSES
Reduced agency administrative costs	84.85% 28
Increase bidding competition	36.36% 12
Reduced bid prices	57.58% 19
Faster delivery	54.55% 18
Comments	9.09% 3
Total Respondents: 33	

#	COMMENTS	DATE
1	Required by law.	2/23/2018 1:10 PM
2	The ability for 1 contractor to mobilize once and control projects in the geographic area should reduce the bid prices.	2/13/2018 11:24 AM
3	reduces repetitive types contracts and contract admin cost pre and post bid	2/2/2018 11:23 AM

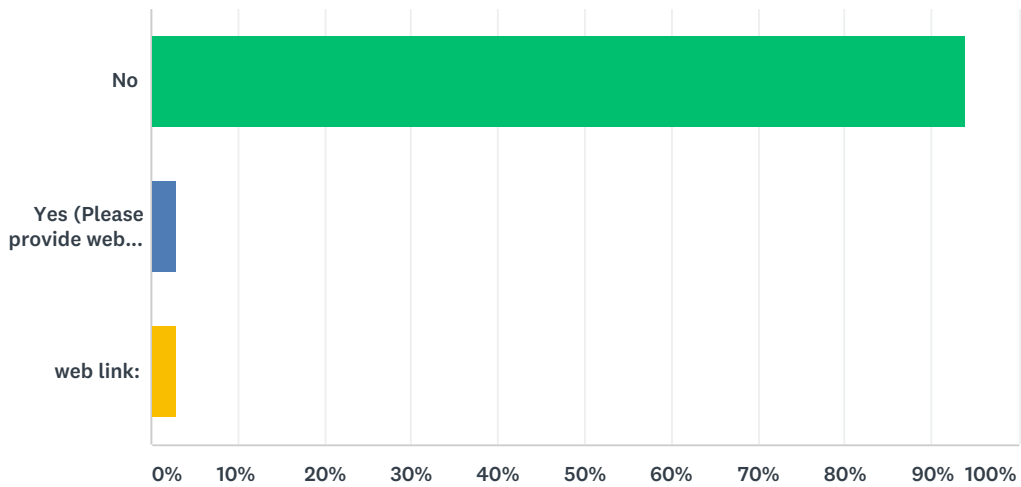
Q8 What are some of the disadvantages of bundling?

Answered: 16 Skipped: 18

#	RESPONSES	DATE
1	N/A	3/13/2018 1:24 PM
2	none	3/5/2018 10:39 AM
3	Tracking funding for like items on individual projects has been a challenge due to accounting systems funding systems.	3/1/2018 11:43 AM
4	It is cumbersome to track the funds separately	2/23/2018 1:10 PM
5	Ensuring adequate staffing levels at each site, particularly if work is concurrent or if sites are relatively far apart.	2/16/2018 3:05 PM
6	Creates political pushback from local contractors that want the work to be as fragmented as possible to reduce competition	2/14/2018 10:40 AM
7	Increasingly large bundles pose the risk of eliminating some smaller contractors from bidding, thus potentially decreasing competition. Need to optimize considering multiple factors.	2/5/2018 8:10 PM
8	Size of the bundled project may exceed the capabilities of smaller contractors.	2/5/2018 10:04 AM
9	On occasions when construction activity is occurring at multiple locations, the CE&I staff is challenged by traveling between locations.	2/3/2018 9:40 AM
10	none	2/2/2018 4:34 PM
11	In some cases monetary savings have been limited. In some other cases it may remove market opportunities for smaller contractors.	2/2/2018 3:27 PM
12	Limiting competition of smaller contractors.	2/2/2018 2:23 PM
13	See comments above about making the projects too large.	2/2/2018 2:09 PM
14	If we bundle too big of a package it may reduce bidding completion (over \$50 million)	2/2/2018 11:51 AM
15	can easily exceed small & DBE contractor bonding capacity	2/2/2018 11:23 AM
16	Environmental analysis on a statewide basis	2/2/2018 10:58 AM

Q9 Has your state developed bundling guidance or guidelines (e.g. criteria for economies of scale)?

Answered: 33 Skipped: 1

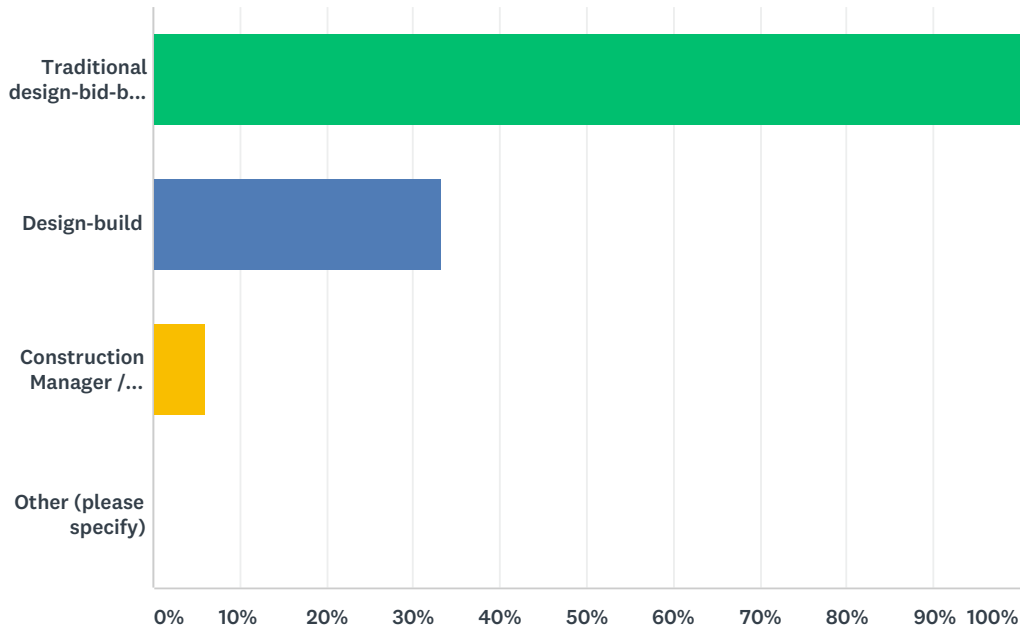


ANSWER CHOICES	RESPONSES	
No	93.94%	31
Yes (Please provide web link or email information to gerald.Yakowenko@dot.gov)	3.03%	1
web link:	3.03%	1
TOTAL		33

#	WEB LINK:	DATE
1	Yes, but very basic and theoretical guidance: https://iowadot.gov/contracts/lettings/LettingGuidelines.pdf?ver=2016-04-21-060749-473	2/5/2018 8:10 PM

Q10 Which of the following contracting methods have you used for bundled projects? (check all that apply)

Answered: 33 Skipped: 1

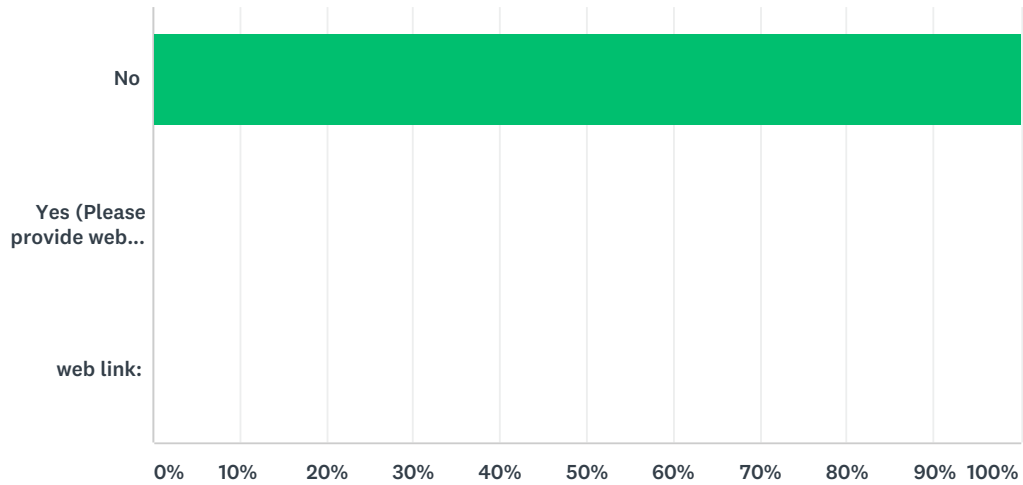


ANSWER CHOICES	RESPONSES	
Traditional design-bid-build	100.00%	33
Design-build	33.33%	11
Construction Manager / General Contractor	6.06%	2
Other (please specify)	0.00%	0
Total Respondents: 33		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q11 Has your state done an evaluation to examine the effectiveness of bundling?

Answered: 34 Skipped: 0



ANSWER CHOICES	RESPONSES	
No	100.00%	34
Yes (Please provide web link or email information to gerald.yakowenko@dot.gov)	0.00%	0
web link:	0.00%	0
TOTAL		34

#	WEB LINK:	DATE
There are no responses.		

Q12 Please provide your contact information.

Answered: 34 Skipped: 0

ANSWER CHOICES	RESPONSES	
Agency	100.00%	34
Your name	100.00%	34
Your email address	100.00%	34

#	AGENCY	DATE
1	FDOT	3/13/2018 1:24 PM
2	Maine DOT	3/5/2018 10:39 AM
3	Virginia DOT	3/4/2018 10:22 AM
4	NMDOT	3/2/2018 4:45 PM
5	PennDOT	3/1/2018 2:00 PM
6	Utah Dept. of Transportation	3/1/2018 11:43 AM
7	Colorado	2/23/2018 1:10 PM
8	Hawaii Dept of Transportation	2/16/2018 9:44 PM
9	South Dakota DOT	2/16/2018 3:05 PM
10	Delaware Department of Transportation	2/14/2018 10:40 AM
11	Vermont Agency of Transportation	2/13/2018 11:24 AM
12	NDDOT	2/12/2018 5:56 PM
13	Georgia Department of Transportation	2/9/2018 8:32 AM
14	Louisiana DOTD	2/8/2018 10:36 AM
15	Virginia DOT	2/7/2018 9:16 AM
16	Wyoming DOT	2/6/2018 2:02 PM
17	Iowa DOT	2/5/2018 8:10 PM
18	Kansas Department of Transportation	2/5/2018 2:56 PM
19	Oklahoma Department of Transportation	2/5/2018 10:04 AM
20	Ohio Department of Transportation	2/5/2018 8:42 AM
21	Rhode Island Department of Transportation	2/3/2018 9:40 AM
22	MaineDOT	2/2/2018 4:34 PM
23	Michigan Department of Transportation	2/2/2018 3:27 PM
24	NHDOT	2/2/2018 2:23 PM
25	Arkansas Department of Transportation	2/2/2018 2:09 PM
26	NMDOT	2/2/2018 2:02 PM
27	Washington State Department of Transportation	2/2/2018 1:40 PM
28	Arizona DOT	2/2/2018 12:53 PM
29	Wisconsin Department of Transportation	2/2/2018 11:51 AM
30	Oregon DOT	2/2/2018 11:23 AM

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31	Alabama DOT	2/2/2018 11:13 AM
32	Nebraska DOT	2/2/2018 10:58 AM
33	LADOTD	2/2/2018 10:52 AM
34	TDOT	2/2/2018 10:44 AM
#	YOUR NAME	DATE
1	Amy Tootle	3/13/2018 1:24 PM
2	Devin Anderson	3/5/2018 10:39 AM
3	Shailendra Patel	3/4/2018 10:22 AM
4	Sally Reeves	3/2/2018 4:45 PM
5	Michele Harter	3/1/2018 2:00 PM
6	Rob Wight	3/1/2018 11:43 AM
7	Laura Zamora	2/23/2018 1:10 PM
8	Blaine Kawamura	2/16/2018 9:44 PM
9	Rick Gordon	2/16/2018 3:05 PM
10	Chris Costello	2/14/2018 10:40 AM
11	Jeremy Reed	2/13/2018 11:24 AM
12	Phil Murdoff	2/12/2018 5:56 PM
13	John Hancock	2/9/2018 8:32 AM
14	Shane Caldwell	2/8/2018 10:36 AM
15	Kerry Bates	2/7/2018 9:16 AM
16	Andy Long	2/6/2018 2:02 PM
17	Wes Musgrove	2/5/2018 8:10 PM
18	Susan Eiseman	2/5/2018 2:56 PM
19	John Leonard or Anthony Delce	2/5/2018 10:04 AM
20	Gary Angles	2/5/2018 8:42 AM
21	George Ley	2/3/2018 9:40 AM
22	Richard Crawford	2/2/2018 4:34 PM
23	Jason Gutting	2/2/2018 3:27 PM
24	Theodore Kitsis	2/2/2018 2:23 PM
25	David Henning	2/2/2018 2:09 PM
26	Sally Reeves	2/2/2018 2:02 PM
27	Jon Deffenbacher	2/2/2018 1:40 PM
28	Julie Kliewer	2/2/2018 12:53 PM
29	Tom Buchholz	2/2/2018 11:51 AM
30	Joe Squire	2/2/2018 11:23 AM
31	Jeff Benefield	2/2/2018 11:13 AM
32	Jim Knott	2/2/2018 10:58 AM
33	Mike Vosburg	2/2/2018 10:52 AM
34	Lori Lange	2/2/2018 10:44 AM
#	YOUR EMAIL ADDRESS	DATE
1	amy.tootle@dot.state.fl.us	3/13/2018 1:24 PM

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2	devin.anderson@maine.gov	3/5/2018 10:39 AM
3	Shailendra.Patel@vdot.virginia.gov	3/4/2018 10:22 AM
4	sally.reeves@state.nm.us	3/2/2018 4:45 PM
5	micharter@pa.gov	3/1/2018 2:00 PM
6	rwright@utah.gov	3/1/2018 11:43 AM
7	Laura.Zamora@state.co.us	2/23/2018 1:10 PM
8	blaine.kawamura@hawaii.gov	2/16/2018 9:44 PM
9	rick.gordon@state.sd.us	2/16/2018 3:05 PM
10	chris.costello@state.de.us	2/14/2018 10:40 AM
11	Jeremy.Reed@vermont.gov	2/13/2018 11:24 AM
12	pmurdoff@nd.gov	2/12/2018 5:56 PM
13	jhancock@dot.ga.gov	2/9/2018 8:32 AM
14	Shane.Caldwell@LA.GOV	2/8/2018 10:36 AM
15	kerry.bates@vdot.virginia.gov	2/7/2018 9:16 AM
16	Andy.long@wyo.gov	2/6/2018 2:02 PM
17	wes.musgrove@iowadot.us	2/5/2018 8:10 PM
18	susan.eiseman@ks.gov	2/5/2018 2:56 PM
19	jleonard@odot.org / adelce@odot.org	2/5/2018 10:04 AM
20	gary.angles@dot.ohio.gov	2/5/2018 8:42 AM
21	George.ley@dot.ri.gov	2/3/2018 9:40 AM
22	richard.crawford@maine.gov	2/2/2018 4:34 PM
23	guttingj@michigan.gov	2/2/2018 3:27 PM
24	ted.kitsis@dot.nh.gov	2/2/2018 2:23 PM
25	david.henning@ardot.gov	2/2/2018 2:09 PM
26	sally.reeves@state.nm.us	2/2/2018 2:02 PM
27	deffenj@wsdot.wa.gov	2/2/2018 1:40 PM
28	jkliwer@azdot.gov	2/2/2018 12:53 PM
29	tom.buchholz@dot.wi.gov	2/2/2018 11:51 AM
30	joe.squire@odot.state.or.us	2/2/2018 11:23 AM
31	benefieldj@dot.state.al.us	2/2/2018 11:13 AM
32	jim.knott@nebraska.gov	2/2/2018 10:58 AM
33	Mike.vosburg@la.gov	2/2/2018 10:52 AM
34	lori.lange@tn.gov	2/2/2018 10:44 AM