



Development of Freight Investment Plans and Use of National Highway Freight Program Funds

Technical Session 24: Freight Funding & Federal Freight Update

MAFC/MAASTO Conference – Traverse City, MI

August 29, 2018

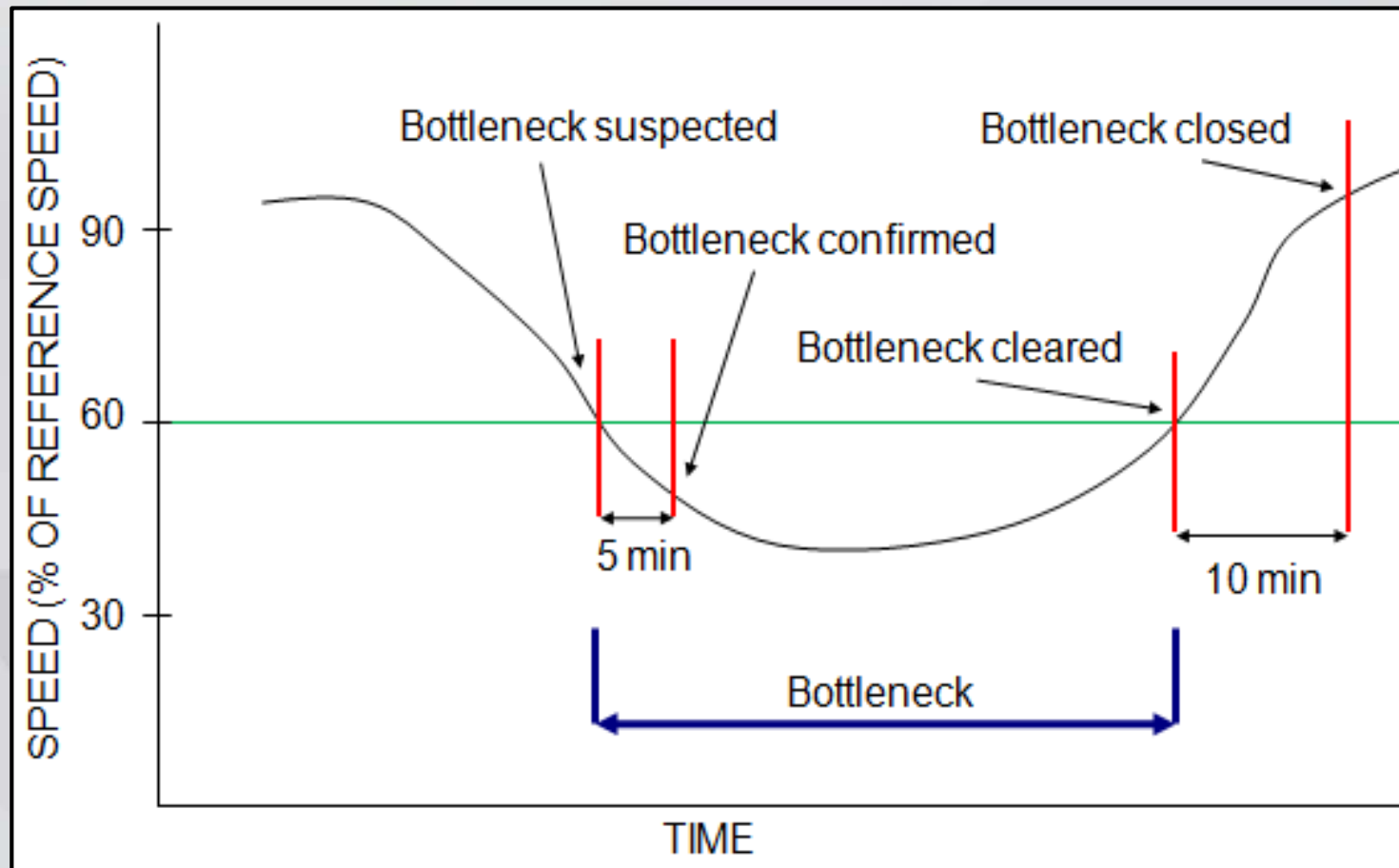
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State Freight Plan (2017)



- Bottleneck identification and prioritization
- Freight Investment Plan
- Linking Iowa's Freight Infrastructure System (LIFTS) program

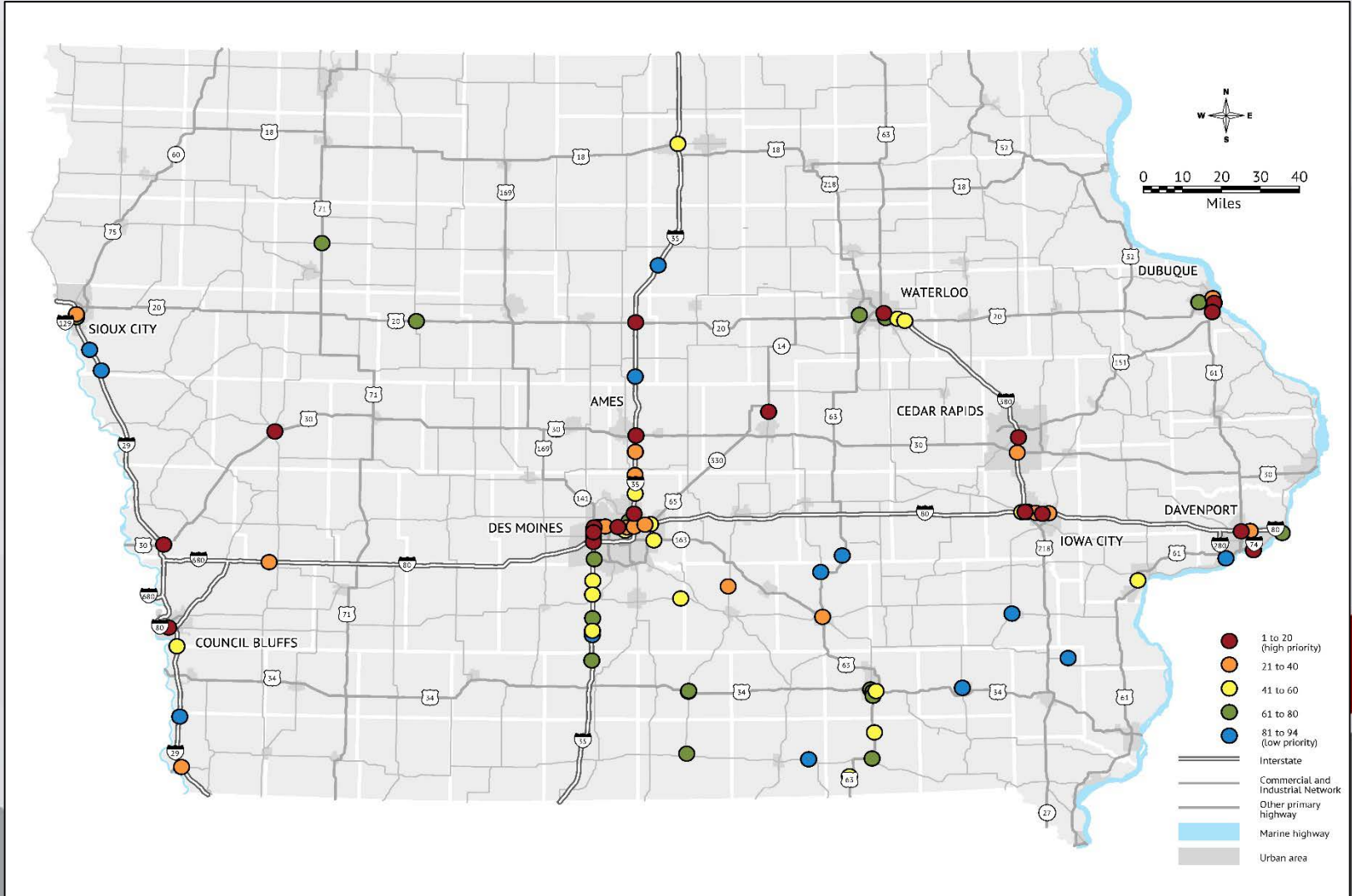
Tracking freight bottleneck conditions



Highway freight improvement priorities

Map ID	Location	Value		Condition		Performance		Average ranking	Tie Truck volume	Priority rank
		iTRAM	"V" rank	ICE	"C" rank	INRIX	"P" rank			
48	I-80/29 N/S through Council Bluffs	60.79	32	52.82	2	374	16	16.67	13579	1
47	U.S.151 N/S @ Maquoketa Dr	53.29	38	57.36	6	1040	6	16.67	2115	2
87	I-74 @ Mississippi River	90.95	23	65.53	23	706	9	18.33	2908	3
57	I-35/80 N/S, E/W @ Iowa 141	49.26	43	61.17	13	2036	2	19.33	12761	4
76	I-380 N/S through Cedar Rapids	76.37	26	55.34	4	123	33	21.00	7226	5
5	U.S. 30 E/W through Missouri Valley	21.80	58	54.31	3	1563	4	21.67	993	6
79	I-380 N/S @ I-80/exit 0 and I-80 E/W @ I-380/exit 239	146.63	10	73.35	47	250	24	27.00	11161	7
15	I-35 N/S @ U.S. 20/exit 142 and U.S. 20 E/W @ I-35/exit 153	114.43	17	73.91	51	420	14	27.33	5559	8
55	I-35/80 N/S @ Douglas Ave	52.83	41	59.84	11	116	34	28.67	12884	9
6	Iowa 160 E/W @ I-35 and I-35 N/S @ Iowa 160/exit 90	108.67	18	69.29	36	114	35	29.67	8331	10
11	U.S. 30 E/W @ U.S. 59/Iowa 141	60.33	33	70.81	41	387	15	29.67	1377	11
84	U.S. 61 N/S @ I-80/exit 123 and I-80 E @ U.S. 61/Brady St/exit 295	53.65	36	69.57	37	368	17	30.00	11230	12
51	I-80/I-35/I-235 N/S,E/W @ southwest mixmaster	92.24	22	73.83	50	365	18	30.00	6870	13
71	I-380/U.S. 218 N/S from San Marnan Dr To W Ninth St	12.87	61	66.45	27	1764	3	30.33	2799	14
46	U.S. 20 E/W @ Iowa 946	55.22	35	58.80	8	79	48	30.33	2212	15
27	Iowa 14 N/S from Marshalltown north city limits to Iowa 330	11.10	63	62.08	17	576	12	30.67	542	16
17	I-35 N/S @ U.S. 30/exit 111 and U.S. 30 E/W @ I-35/exit 151	131.58	13	77.55	61	336	19	31.00	7633	17

VCAP priorities



National Highway Freight Program

- Dedicated freight funding allocated to each state
- Iowa NHFP funding (\$13 million - \$18 million per year through 2020)
- At least 90% of allocated funding must be spent on the National Highway Freight System
- Up to 10% funding may be used on freight intermodal and/or freight rail projects
- Must document where the state will spend NHFP funding in a freight investment plan



Freight Investment Plan

- NHFP funding (\$13 million - \$18 million per year through 2020)
- 90% of allocated funding
 - VCAP #1 – Interstate System (Council Bluffs, Pottawattamie County)
 - VCAP #3 – I-74 bridge replacement (Davenport, Scott County)
 - VCAP #7 – I-80/I-380 interchange (Iowa City, Johnson County)
- 10% flexible funding
 - Linking Iowa's Freight Transportation System (LIFTS) program
 - Competitive grant program



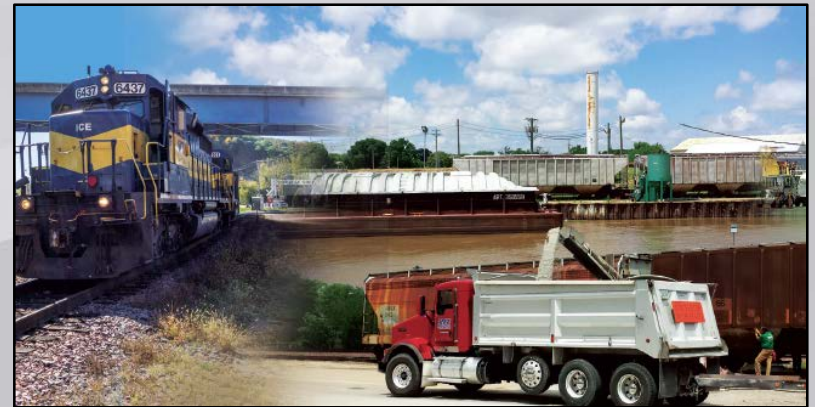
Linking Iowa's Freight Transportation System (LIFTS)

- 2016 pilot program (\$2.7 million)
 - 25 grant requests (\$17.2 million), 6 were awarded
 - Projects included studies, rail improvements/capacity enhancements, and transloading improvements
- 2017/2018 LIFTS program
 - Utilize flexible 10% of annual NHFP funds
 - Application based program for freight projects not eligible for typical highway and railroad funding
 - 7 grant requests (\$4.6 million), 5 were awarded



2017/2018 LIFTS overview

- \$2.74 million in the October 2017 funding cycle
 - This includes two years worth of funding
 - Thereafter \$1.3 million annually
- Eligible applicants:
 - Transportation provider or user
 - City or county
 - Private company/industry
 - Other entity interested in freight
- Private applicants:
 - Eligible for **50%** grant funding
- Public applicants or public-private partnerships:
 - Eligible for **80%** grant funding



Project evaluation

Category	Weight
Freight Mobility Benefits	25%
Economic Benefits	25%
Public Benefits	20%
Project Readiness	20%
Innovation/Process Improvement	10%



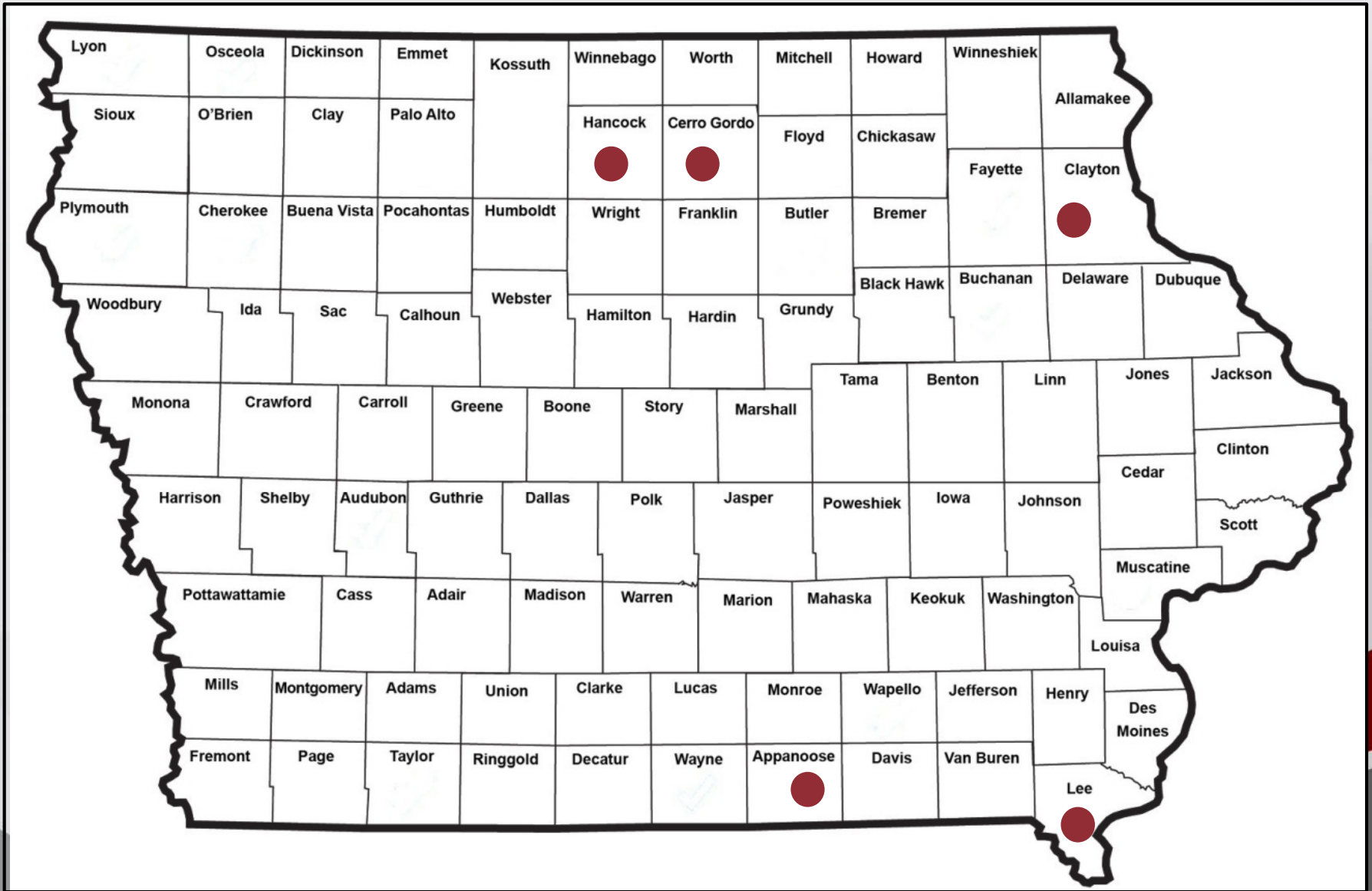
Applicants

Project Name	Applicant	Location
Moravia Rail Propane	Growmark	Moravia
Cerro Gordo Liquid Transload	Cerro Gordo County	Emery
Garner Industry Track	IANR/City of Garner	Garner
CP Unit Train Haul Road Bridge	Pattison Sand Co.	Clayton
KJRY Yard Expansion	Pioneer Rail Corp.	Keokuk
Centerville Transload	City of Centerville	Centerville
Iowa 100/Palo Rail Spur	Iowa Northern Railroad	Palo

Awards

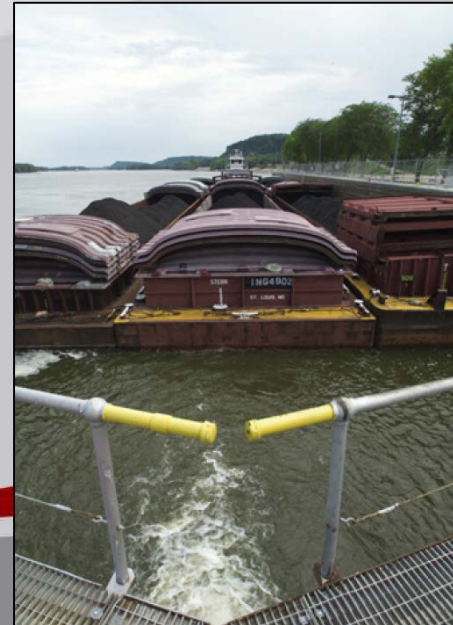
Awardee	Total Awarded
Iowa Northern Railway Company & City of Garner	\$1,112,068
Pattison Sand Company	\$513,012
Growmark, Inc.	\$497,000
Keokuk Junction Railway Company	\$222,851
Cerro Gordo County	\$184,000
<i>Available</i>	<i>\$2,747,252</i>
<i>Total</i>	<i>\$2,528,931</i>
<i>Remaining</i>	<i>\$218,321</i>

****Freight Investment Plan amended and approved August 2, 2018*



Future enhancements

- Improving the bottleneck identification process
 - Data overhaul
 - Multi-year tracking
 - Vetting Freight Mobility Issue Survey results
- Enhancing the VCAP prioritization process
 - iTRAM update
- Freight Investment Plan
 - Future use of 10% flexible funding
 - LIFTS program





Questions?

State Freight Plan website:

<https://iowadot.gov/iowainmotion/specialized-system-plans/state-freight-plan>

LIFTS website:

<https://www.iowadot.gov/iowarail/financial-assistance/lifts>

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