

OHIO'S TRANSPORTATION OUTLOOK



OHIO DEPARTMENT OF
TRANSPORTATION



ODOT's MISSION

To provide easy movement of people and goods from place to place, we will:

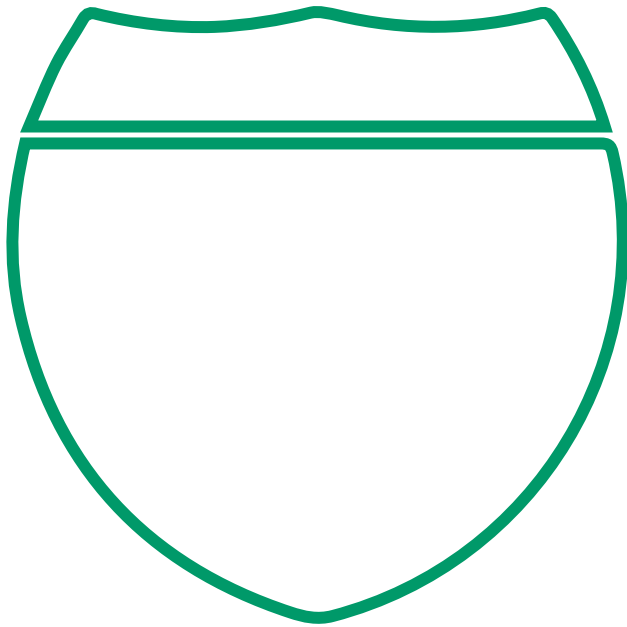
Take care of what we have;

Make our system work better;

Improve safety;

Enhance capacity.

5TH



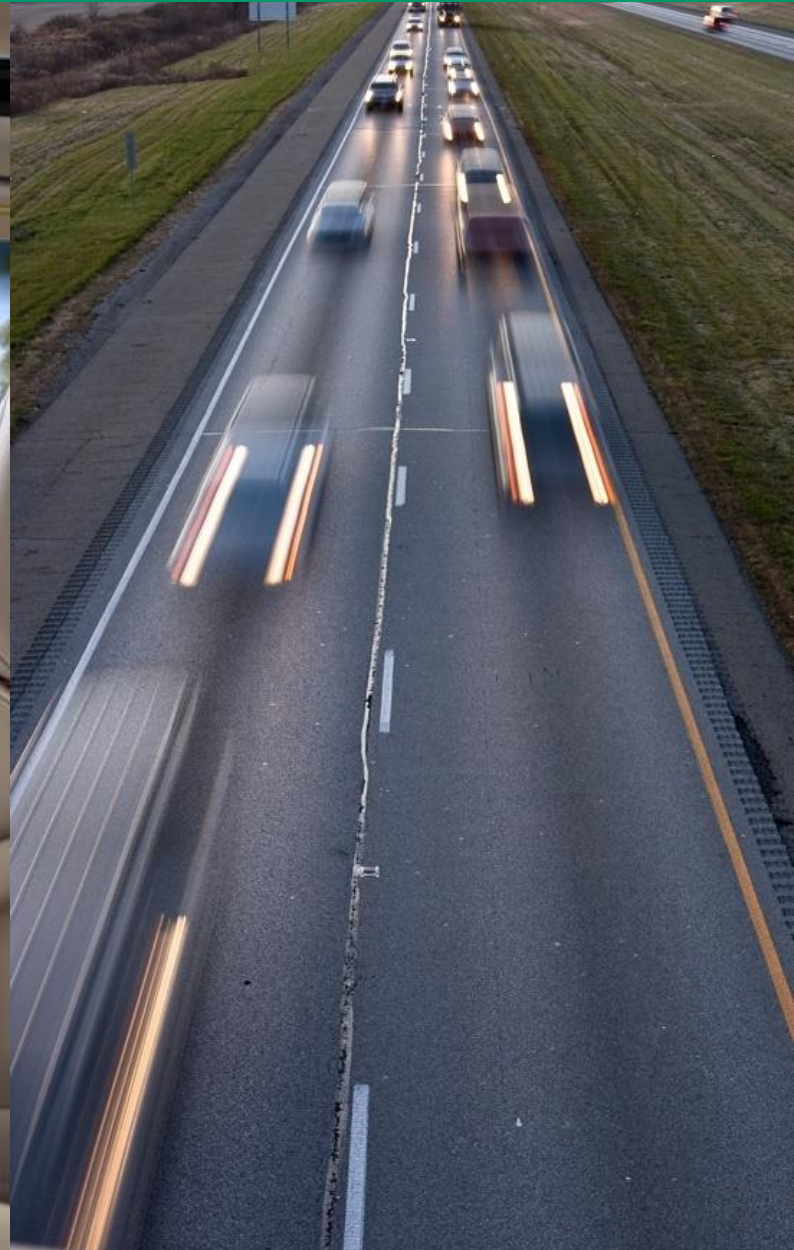
2ND

6TH





OHIO'S HIGHWAY SYSTEM



TRANSPORTATION BUDGET



Signed into law April 3rd, 2019 by Gov. DeWine

ODOT: additional \$450 million annually.

Local Governments: >\$370 million annually

MFT Increases:

Cities: 62.5% | Townships: 67% | Every County Engineers: \$1.53 million/62.8%

HOUSE BILL 62: EFFECTIVE JULY 3, 2019

GASOLINE:
10.5¢ increase

DIESEL:
19¢ increase

**ODOT/LOCAL
DISTRIBUTION**

FORMULA: WAS: 60%/40%
NOW: 55%/45% for new monies

HOUSE BILL 62

TRANSIT:

Removed ODOT's Federal flex
from **\$33 M** / year
Increased funding
to **\$70 M** annually from State GRF

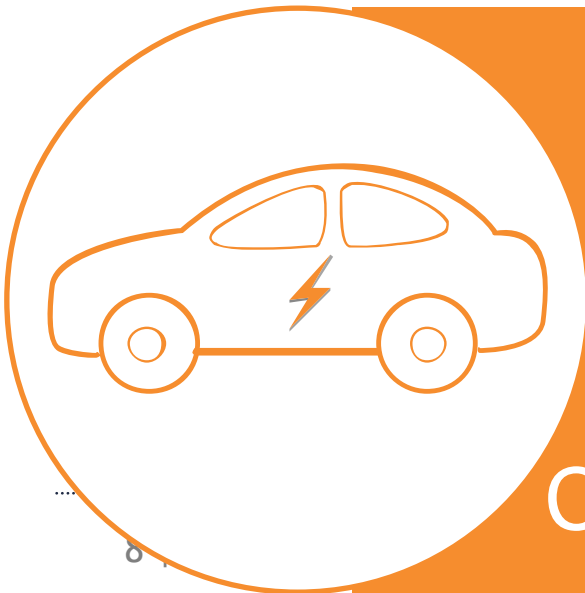


ALTERNATIVE FUELS:

Electric vehicles: **\$200** annually

Hybrid vehicles: **\$100** annually

Compressed Natural Gas = Diesel Levels



HOUSE BILL 62 ESTIMATED DISTRIBUTIONS

Estimated Gas Tax Revenues For Each County Engineer

SFY 2020		SFY 2021	
Original 28cpg	HB 62 28cpg + 10.5cpg Gas/19cpg Diesel	Original 28cpg	HB 62 28cpg + 10.5cpg Gas/19cpg Diesel
\$2,436,948	\$3,967,041	\$2,467,630	\$4,011,374

City of Cleveland

\$9,322,163	\$15,151,788	9,439,968	\$15,319,726
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City of Columbus

\$26,573,674	\$43,191,551	\$26,909,488	\$43,670,275
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City of Cincinnati

\$8,194,950	\$13,319,671	\$8,298,510	\$13,467,303
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City of Akron

\$5,329,980	\$8,663,089	\$5,397,336	\$8,759,109
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ODOT Statewide Transportation Investment SFYs 2020-2021 *(before and after HB 62)*

	Pavement Lane Miles	Bridges Treated	Safety Projects
Before	6,815	1,716	145
After	8,289	2,169	221
Increase	21%	26%	52%

DISTRICT WORK PLAN COMPARISONS: *DISTRICT 1*



PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	117.40	430.84	23.16	571.40
Lane Miles - 9/2019	160.32	788.56	22.18	971.06
Additional Mileage	42.92	357.72	-0.98	399.66
PERCENT CHANGE	36.56%	83.03%	-4.23%	69.94%

BRIDGES

	Total
Structures Treated - 3/2019	23
Structures Treated - 9/2019	33
Additional Structures	10
PERCENT CHANGE	43.48%

DISTRICT WORK PLAN COMPARISONS: *DISTRICT 2*

PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	118.33	237.16	31.06	386.55
Lane Miles - 9/2019	118.73	317.72	35.78	472.23
Additional Mileage	0.40	80.56	4.72	85.68
PERCENT CHANGE	0.34%	33.97%	15.20%	22.17%

BRIDGES

	Total
Structures Treated - 3/2019	102
Structures Treated - 9/2019	115
Additional Structures	13
PERCENT CHANGE	12.75%



DISTRICT WORK PLAN COMPARISONS: *DISTRICT 3*



PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	218.14	397.35	90.99	706.48
Lane Miles - 9/2019	241.98	527.39	89.29	858.66
Additional Mileage	23.84	130.04	-1.70	152.18
PERCENT CHANGE	10.93%	32.73%	-1.87%	21.54%

BRIDGES

	Total
Structures Treated - 3/2019	93
Structures Treated - 9/2019	147
Additional Structures	54
PERCENT CHANGE	58.06%

DISTRICT WORK PLAN COMPARISONS: *DISTRICT 4*

PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	204.58	367.08	112.04	683.70
Lane Miles - 9/2019	243.94	415.98	116.48	776.40
Additional Mileage	39.36	48.90	4.44	92.70
PERCENT CHANGE	19.24%	13.32%	3.96%	13.56%

BRIDGES

	Total
Structures Treated - 3/2019	330
Structures Treated - 9/2019	390
Additional Structures	60
PERCENT CHANGE	18.18%



DISTRICT WORK PLAN COMPARISONS: *DISTRICT 5*



PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	87.40	240.74	6.59	334.73
Lane Miles - 9/2019	172.38	380.98	9.69	563.05
Additional Mileage	84.98	140.24	3.10	228.32
PERCENT CHANGE	97.23%	58.25%	47.04%	68.21%

BRIDGES

	Total
Structures Treated - 3/2019	140
Structures Treated - 9/2019	204
Additional Structures	64
PERCENT CHANGE	45.71%

DISTRICT WORK PLAN COMPARISONS: *DISTRICT 6*

PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	284.73	322.07	65.86	672.66
Lane Miles - 9/2019	357.29	388.55	77.00	822.84
Additional Mileage	72.56	66.48	11.14	150.18
PERCENT CHANGE	25.48%	20.64%	16.91%	22.33%

BRIDGES

	Total
Structures Treated - 3/2019	179
Structures Treated - 9/2019	197
Additional Structures	18
PERCENT CHANGE	10.06%



DISTRICT WORK PLAN COMPARISONS: *DISTRICT 7*



PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	154.90	419.52	56.01	630.43
Lane Miles - 9/2019	173.31	494.69	56.67	724.67
Additional Mileage	18.41	75.17	0.66	94.24
PERCENT CHANGE	11.89%	17.92%	1.18%	14.95%

BRIDGES

	Total
Structures Treated - 3/2019	335
Structures Treated - 9/2019	415
Additional Structures	81
PERCENT CHANGE	21.18%

DISTRICT WORK PLAN COMPARISONS: *DISTRICT 8*

PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	384.96	167.28	52.92	605.16
Lane Miles - 9/2019	308.46	225.54	52.22	586.22
Additional Mileage	-76.50	58.26	-0.70	-18.94
PERCENT CHANGE	-19.87%	34.83%	-1.32%	-3.13%

BRIDGES

	Total
Structures Treated - 3/2019	136
Structures Treated - 9/2019	155
Additional Structures	19
PERCENT CHANGE	13.97%



DISTRICT WORK PLAN COMPARISONS: *DISTRICT 9*



PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	253.12	355.78	19.27	628.17
Lane Miles - 9/2019	260.48	343.44	19.27	623.19
Additional Mileage	7.36	-12.34	0.00	-4.98
PERCENT CHANGE	2.91%	-3.47%	0.00%	-0.79%

BRIDGES

	Total
Structures Treated - 3/2019	113
Structures Treated - 9/2019	158
Additional Structures	45
PERCENT CHANGE	39.82%

DISTRICT WORK PLAN COMPARISONS: *DISTRICT 10*

PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	147.72	534.78	14.37	696.87
Lane Miles - 9/2019	173.76	575.10	14.37	763.23
Additional Mileage	26.04	40.32	0.00	66.36
PERCENT CHANGE	17.63%	7.54%	0.00%	9.52%

BRIDGES

	Total
Structures Treated - 3/2019	39
Structures Treated - 9/2019	37
Additional Structures	-2
PERCENT CHANGE	-5.13%



DISTRICT WORK PLAN COMPARISONS: *DISTRICT 11*



PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	212.08	281.07	14.36	507.51
Lane Miles - 9/2019	264.22	357.09	15.52	636.83
Additional Mileage	52.14	76.02	1.16	129.32
PERCENT CHANGE	24.59%	27.05%	8.08%	25.48%

BRIDGES

	Total
Structures Treated - 3/2019	45
Structures Treated - 9/2019	56
Additional Structures	11
PERCENT CHANGE	24.44%

DISTRICT WORK PLAN COMPARISONS: *DISTRICT 12*

PAVEMENT

	Priority	General	Urban	Total
Lane Miles - 3/2019	151.70	108.60	131.28	391.58
Lane Miles - 9/2019	223.08	146.02	121.89	490.99
Additional Mileage	71.38	37.42	-9.39	99.41
PERCENT CHANGE	47.05%	34.46%	-7.15%	25.39%

BRIDGES

	Total
Structures Treated - 3/2019	181
Structures Treated - 9/2019	261
Additional Structures	80
PERCENT CHANGE	44.20%



ASSET MANAGEMENT

1



State-of-the-Art
Technology

2



Aggressive Preservation
Treatments

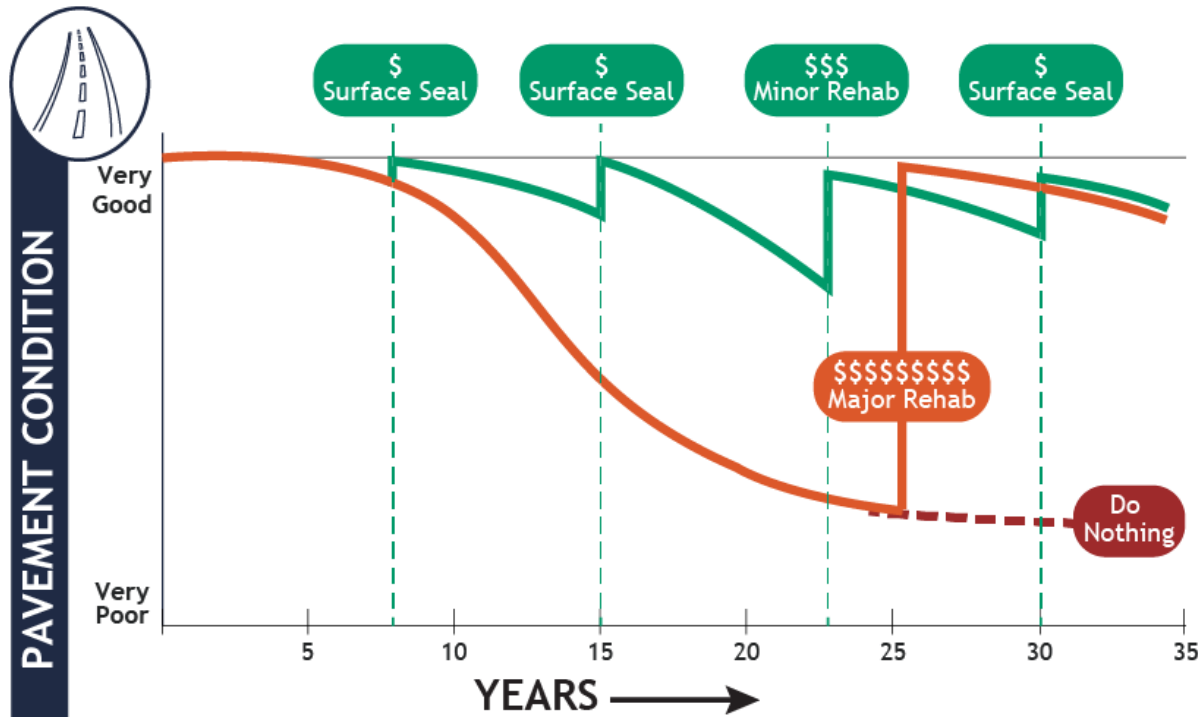
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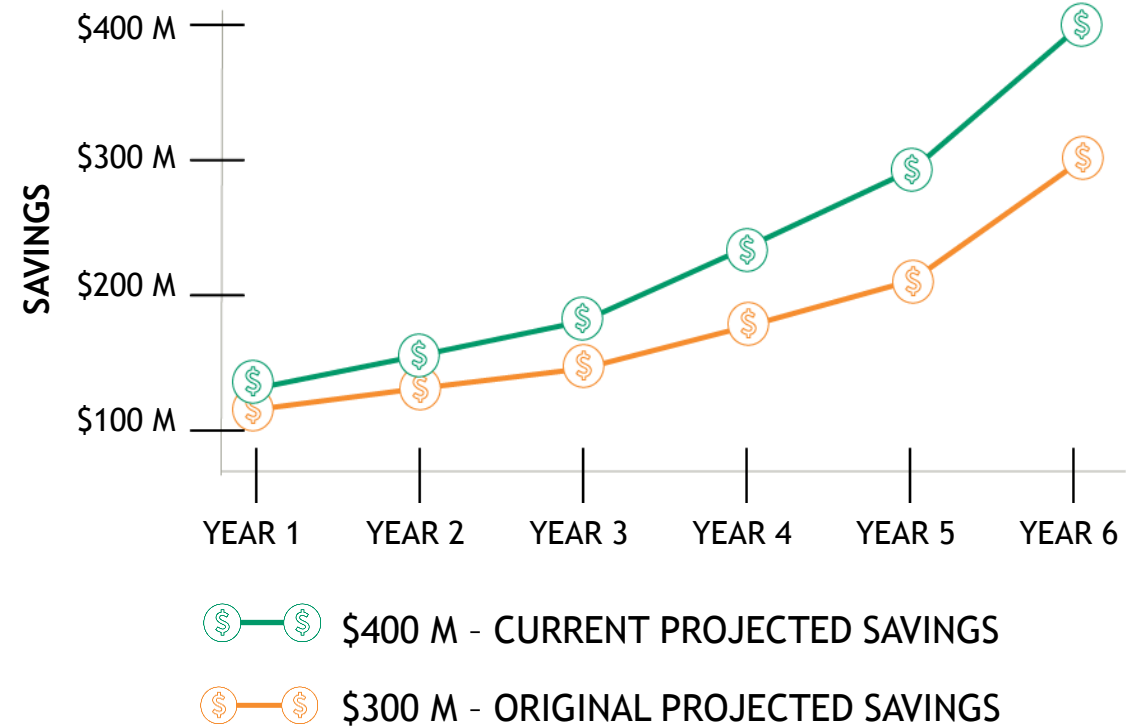
More Collaboration

ASSET MANAGEMENT

PAVEMENT MANAGEMENT SYSTEM STRATEGY



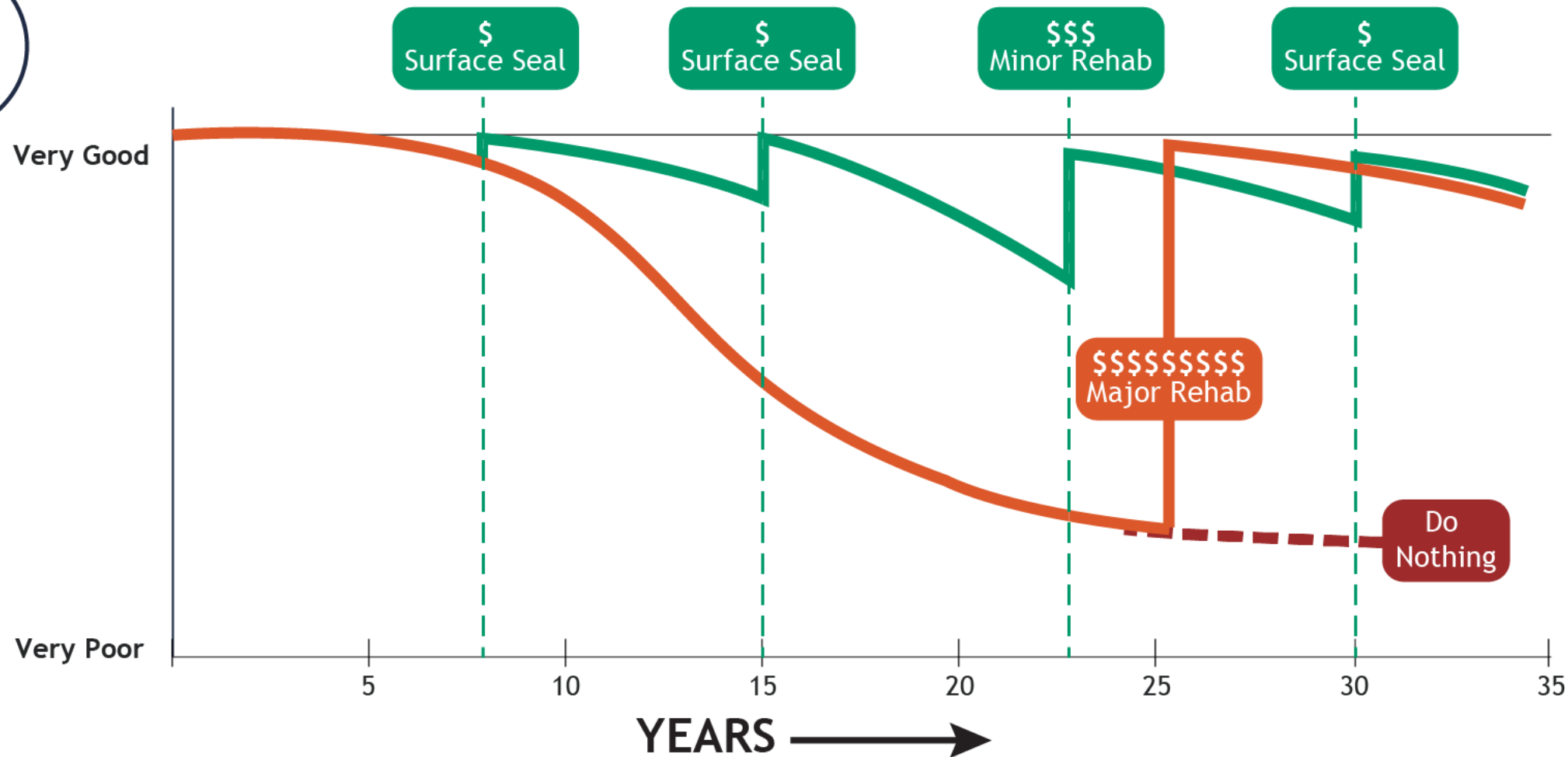
\$300-400 MILLION SAVED OVER 6 YEARS



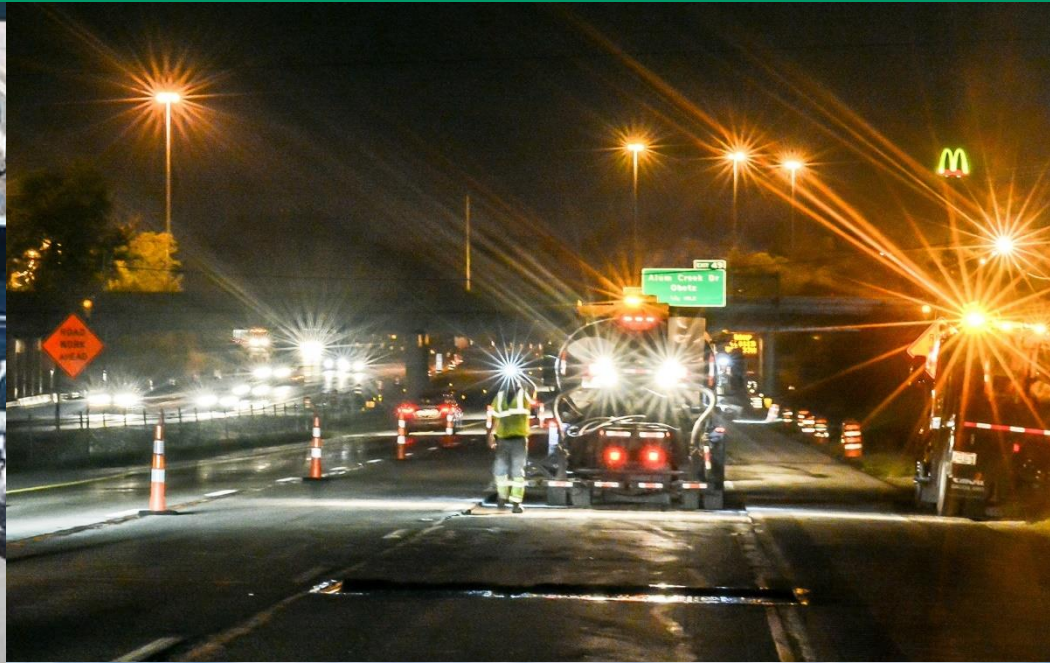
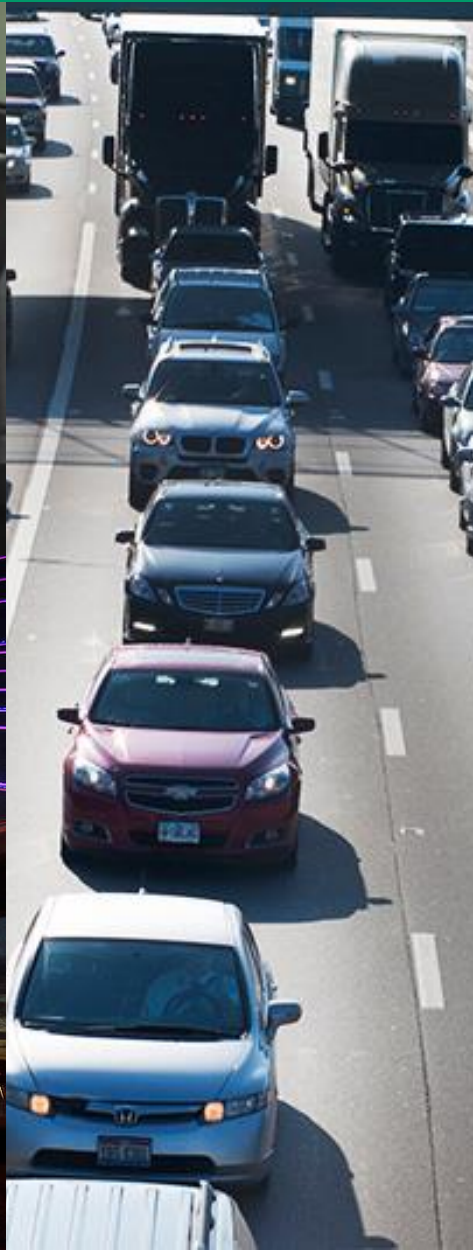
PAVEMENT MANAGEMENT SYSTEM STRATEGY



PAVEMENT CONDITION



MAJOR PROJECTS



COLUMBUS CROSSROADS: I-70/I-71 PHASE 2E



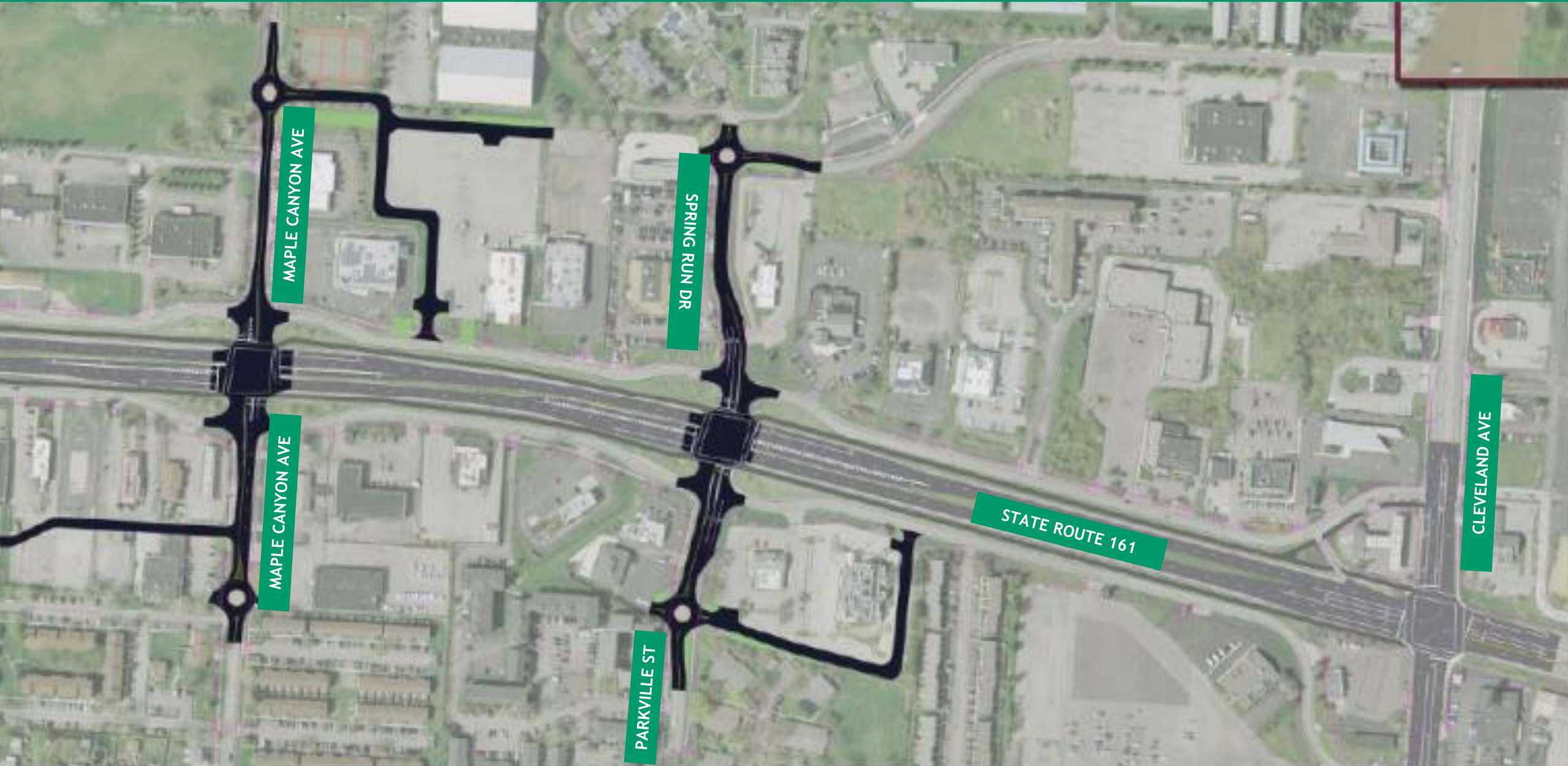
ADDITIONAL TRAC PROJECTS 2020/2021

PROJECTS	COMMITMENT (IN MILLION)
Hamilton I-75 Mill Creek 5B	\$91
Lucas I-475/Dorr St	\$45
Cuyahoga CCG 7A	\$6
Franklin I-70/71 3B	\$33
Franklin I-70/71 4R	\$103
Montgomery US 35	\$9
Total	\$287

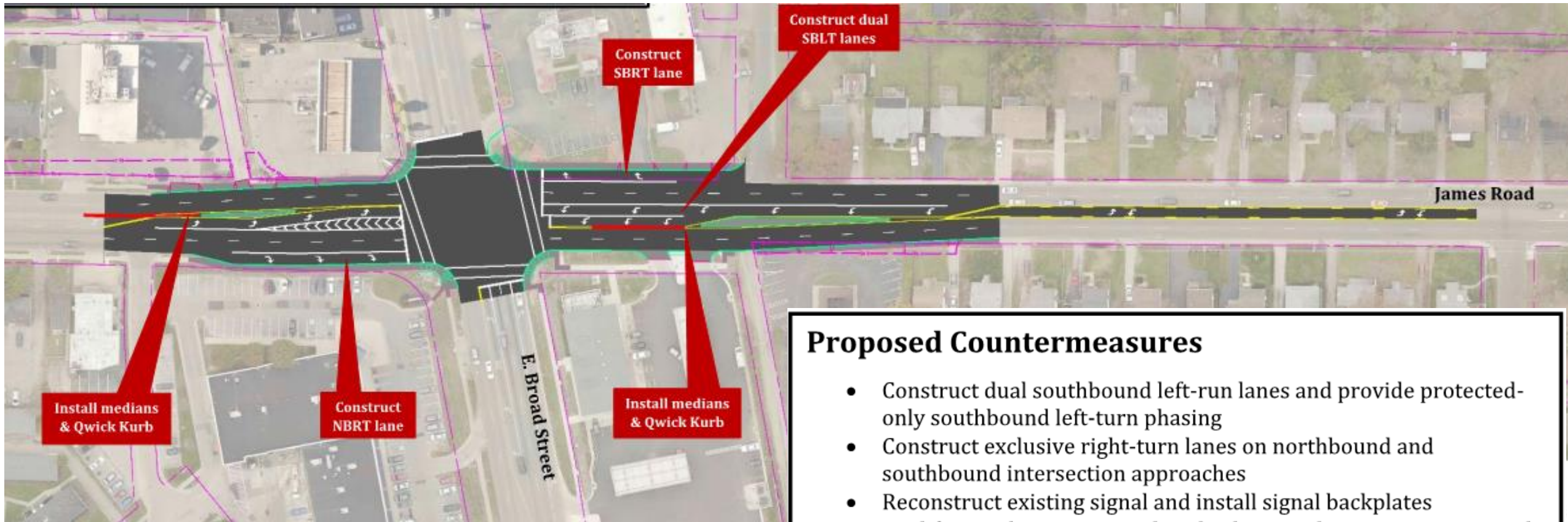
PRIORITY SAFETY LOCATIONS IN FRANKLIN COUNTY

County	Location	Intersection Name
Franklin	FRA-SR-161R	SR-161 (E Dublin-Granville Rd) at CR-75 (Cleveland Ave)
Franklin	FRA-SR-317R	SR-317 (S Hamilton Rd) at CR-15 (E Livingston Ave)
Franklin	FRA-SR-16R	SR-16 (E Broad St) at CR-177 (N James Rd)
Franklin	FRA-SR-161R	SR-161 (E Dublin-Granville Rd) at MR-1300L (Maple Canyon Ave)
Franklin	FRA-SR-16R	SR-16 (E Broad St) at CR-6 (Reynoldsburg-New Alban Rd)
Franklin	FRA-SR-16R	SR-16 (E Broad St) at CR-104 (Mc Naughten Rd)
Franklin	FRA-SR-161R	SR-161 (E Dublin-Granville Rd) at CR-76 (Karl Rd)
Franklin	FRA-SR-3R	SR-3 (Westerville Rd) at CR-17 (Morse Rd)
Franklin	FRA-SR-3R	SR-3 (Cleveland Ave) at CR-93 (E Hudson St)
Franklin	FRA-US-40R	US-40 (E Main St) at SR-317 (S Hamilton Rd)
Franklin	FRA-SR-16R	SR-16 (E Broad St) at SR-317 (S Hamilton Rd)
Franklin	FRA-US-23D	US-23D (3Rd St) at US-33
Franklin	FRA-US-23R	US-23 (Portsmouth-Columbus Rd) at CR-121 (Rathmell Rd)
Franklin	FRA-US-40R	US-40R (W Broad St) at CR-25 (Wilson Rd)
Franklin	FRA-SR-16R	SR-16 (E Broad St) at CR-208 (Taylor Station Rd)
Franklin	FRA-SR-3R	SR-3 (Westerville Rd) at TR-1426 (Albert Ave)
Franklin	FRA-US-40R	US-40 (W Broad St) at TR-1879 (Murry Hill Rd)
Franklin	FRA-US-40R	US-40 (W Broad St) at CR-26 (Georgesville Rd)
Franklin	FRA-SR-16R	SR-16R (E Broad St) at MR-OUTERBELT (Outerbelt)

SR 161 & MAPLE CANYON



BROAD & JAMES

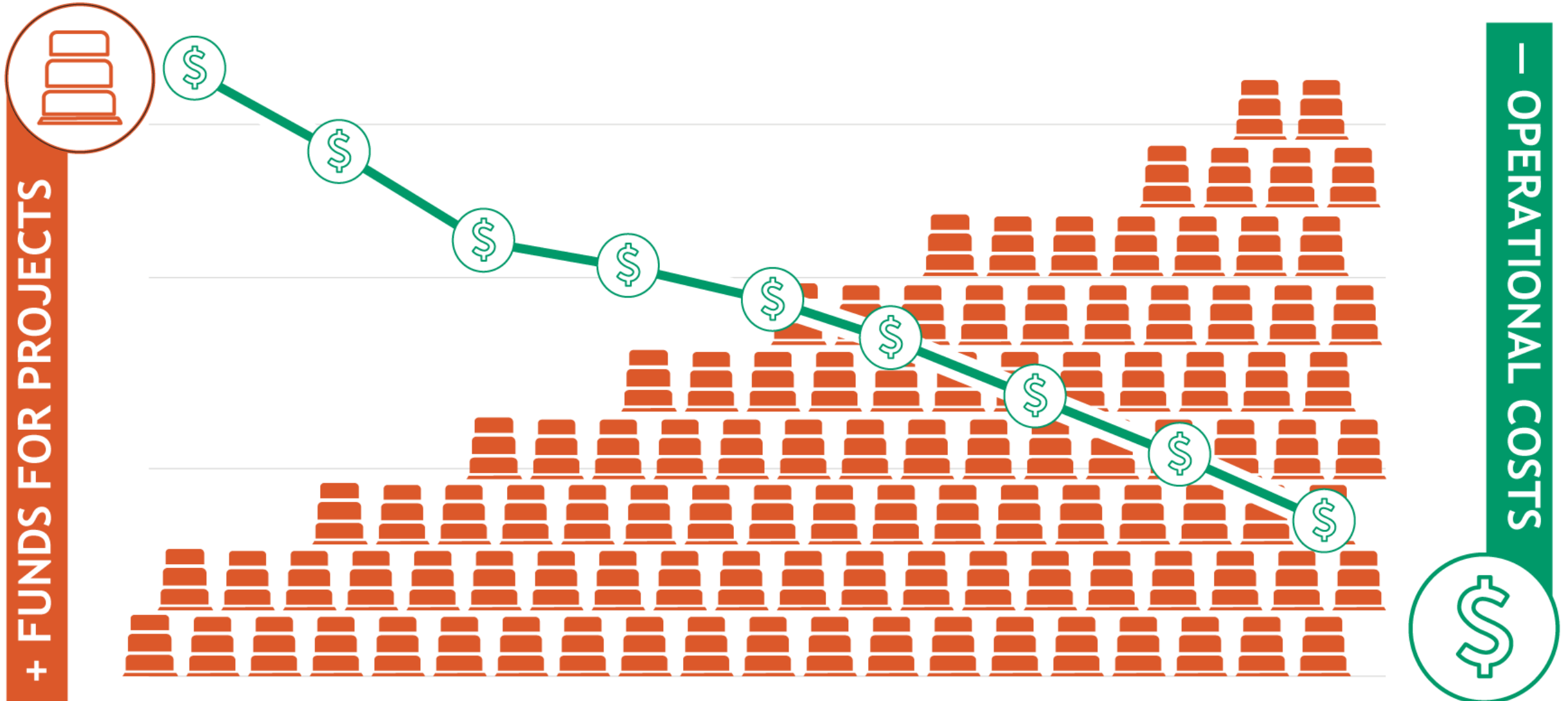


Proposed Countermeasures

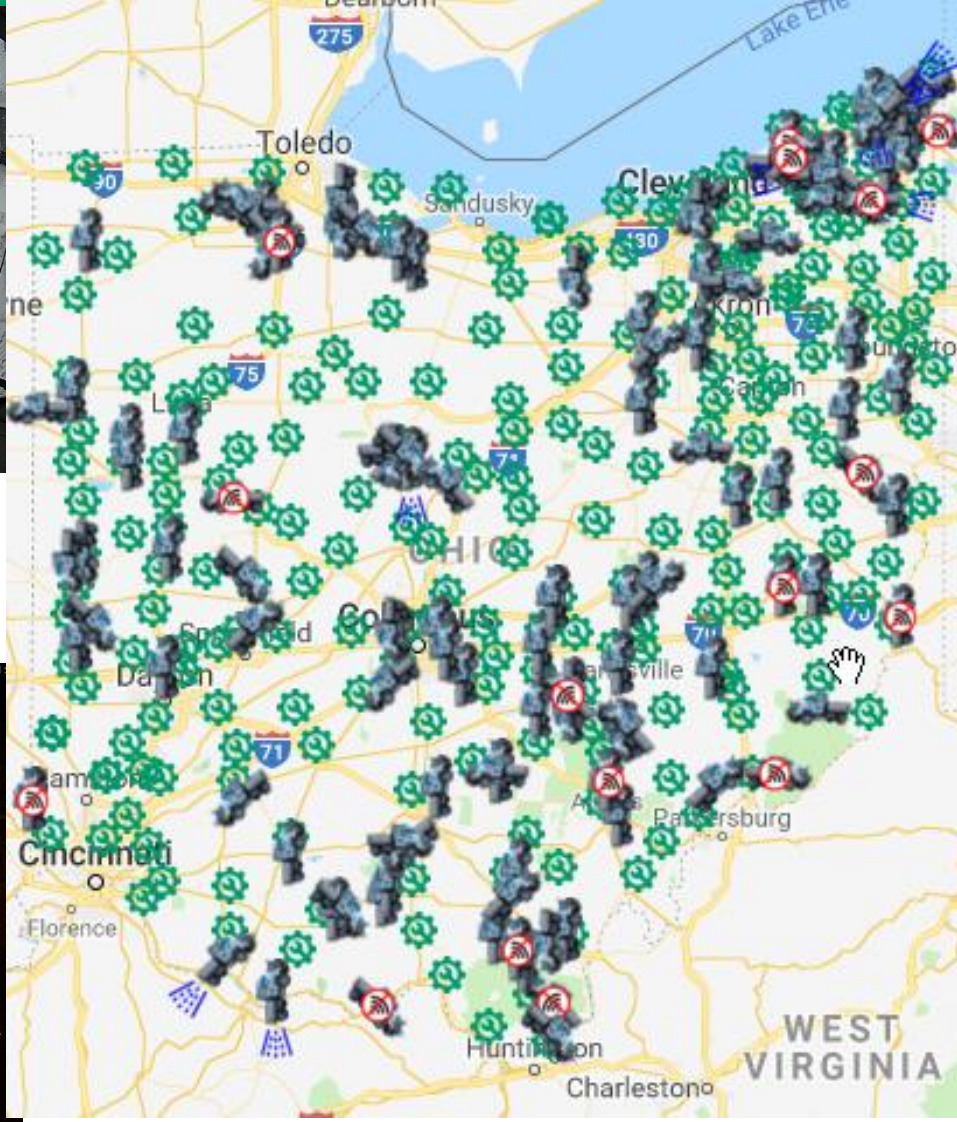
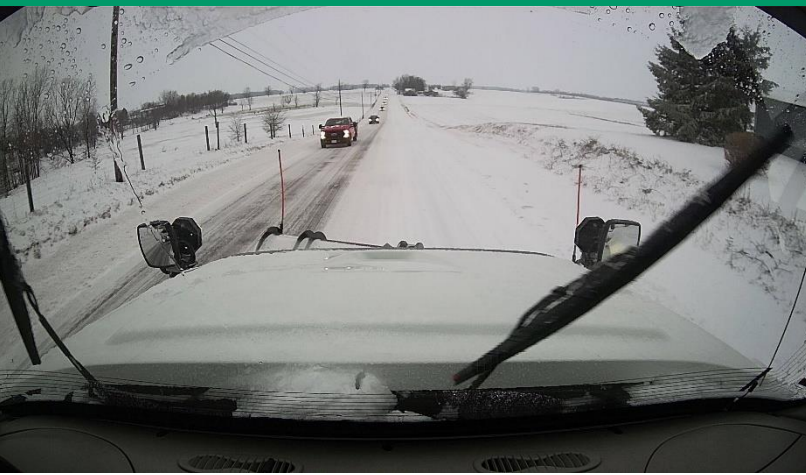
- Construct dual southbound left-run lanes and provide protected-only southbound left-turn phasing
- Construct exclusive right-turn lanes on northbound and southbound intersection approaches
- Reconstruct existing signal and install signal backplates
- Modify signal timings to reduce backups and stops on James Road approaches
- Install advanced street name signs along the southbound approach
- Install medians and Qwick Kurb along James Road

Estimated Cost = \$3.86 million (2023 dollars)

OPERATIONAL SAVINGS = MORE PROJECTS



REAL-TIME GPS FLEET MONITORING





QUESTIONS



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Deputy Director Division of Construction
Management
Ohio Department of Transportation