

Required Supplementary Information

Downtown Mansfield
North Main St. & East 4th St.



Infrastructure Assets Accounted for Using the Modified Approach

Pavement Network

The Ohio Department of Transportation conducts annual condition assessments of its Pavement Network. The State manages its pavement system by means of annual, visual inspections by trained pavement technicians. Technicians rate the pavement using a scale of 1 (minimum) to 100 (maximum) based on a Pavement Condition Rating (PCR). This rating examines items such as cracking, potholes, deterioration of the pavement, and other factors. It does not include a detailed analysis of the pavement's subsurface conditions.

Ohio accounts for its pavement network in two subsystems: *Priority*, which comprises interstate highways, freeways, and multi-lane portions of the National Highway System, and *General*, which comprises two-lane routes outside of cities.

For the Priority Subsystem, it is the State's intention to maintain at least 75 percent of the pavement at a PCR level of at least 65, and to allow no more than 25 percent of the pavement to fall below a 65 PCR level. For the General Subsystem, it is the State's intention to maintain at least 75 percent of the pavement at a PCR level of at least 55, and to allow no more than 25 percent of the pavement to fall below a 55 PCR level.

Pavement Network Condition Assessment Data

Priority Subsystem

Fiscal Year	Pavement Condition Ratings (PCR)								Total	
	Excellent PCR = 85-100		Good PCR = 75-84		Fair PCR = 65-74		Poor PCR = Below 65			
	Lane- Miles	%	Lane- Miles	%	Lane- Miles	%	Lane- Miles	%	Lane- Miles	%
2016	8,245	59.97	4,309	31.34	933	6.79	261	1.90	13,748	100.00
2015	8,724	63.51	3,944	28.71	901	6.56	168	1.22	13,737	100.00
2014	9,172	67.19	3,528	25.85	797	5.84	153	1.12	13,650	100.00
2013	9,177	67.98	3,299	24.44	786	5.82	237	1.76	13,499	100.00
2012	9,145	69.76	2,828	21.57	971	7.41	165	1.26	13,109	100.00

General Subsystem

Fiscal Year	Pavement Condition Ratings (PCR)								Total	
	Excellent PCR = 85-100		Good PCR = 75-84		Fair PCR = 55-74		Poor PCR = Below 55			
	Lane- Miles	%	Lane- Miles	%	Lane- Miles	%	Lane- Miles	%	Lane- Miles	%
2016	12,940	43.91	8,884	30.15	7,480	25.38	166	0.56	29,470	100.00
2015	14,213	48.25	8,556	29.04	6,506	22.08	186	0.63	29,461	100.00
2014	15,341	51.98	7,838	26.56	6,087	20.63	246	0.83	29,512	100.00
2013	14,841	50.15	8,038	27.16	6,403	21.64	309	1.05	29,591	100.00
2012	14,610	48.83	8,415	28.13	6,600	22.06	293	0.98	29,918	100.00



Infrastructure Assets Accounted for Using the Modified Approach (Continued)

Pavement Network
Comparison of Estimated-to-Actual Maintenance and Preservation Costs
(dollars in thousands)

Priority Subsystem

Fiscal Year	Estimated	Actual
2016	\$619,382	\$533,788
2015	482,291	526,202
2014	504,669	482,849
2013	454,299	521,908
2012	403,829	438,510

General Subsystem

Fiscal Year	Estimated	Actual
2016	\$283,059	\$369,117
2015	287,411	361,582
2014	266,985	344,005
2013	285,563	352,769
2012	211,210	357,337

Bridge Network

The Ohio Department of Transportation conducts annual inspections of all bridges in the State's Bridge Network. The inspections cover major structural items such as piers and abutments, and assign a General Appraisal Condition Rating (GACR) from 0 (minimum) to nine (maximum) based on a composite measure of these major structural items.

It is the State's intention to maintain at least 85 percent of the square feet of deck area at a general appraisal condition rating level of at least five, and to allow no more than 15 percent of the number of square feet of deck area to fall below a general appraisal condition rating level of five.

Bridge Network
Condition Assessment Data
(square feet in thousands)

Fiscal Year	General Appraisal Condition Ratings (GACR)									
	Excellent GACR = 7-9		Good GACR = 5-6		Fair GACR = 3-4		Poor GACR = 0-2		Total	
	Sq Ft Deck Area	%	Sq Ft Deck Area	%	Sq Ft Deck Area	%	Sq Ft Deck Area	%	Sq Ft Deck Area	%
2016	67,201	63.05	37,216	34.92	2,163	2.03	0	0.00	106,580	100.00
2015	64,945	61.15	38,702	36.44	2,541	2.39	18	0.02	106,206	100.00
2014	62,239	58.46	40,626	38.15	3,609	3.39	0	0.00	106,474	100.00
2013	58,649	55.49	43,129	40.81	3,908	3.70	4	0.00	105,690	100.00
2012	56,082	53.25	45,029	42.76	4,156	3.95	42	0.04	105,309	100.00



Infrastructure Assets Accounted for Using the Modified Approach (Continued)

Bridge Network		
Comparison of Estimated-to-Actual Maintenance and Preservation Costs		
<i>(dollars in thousands)</i>		
Fiscal Year	Estimated	Actual
2016	\$499,522	\$552,021
2015	534,578	571,689
2014	550,629	528,001
2013	484,103	513,637
2012	508,955	511,486

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STATE OF OHIO

SCHEDULE OF NET PENSION LIABILITY/ASSET

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM

AS OF THE CURRENT MEASUREMENT DATE FOR THE LAST TWO YEARS ^(A)

(dollars in thousands)

Traditional Plan:	2015	2014
Employer's Proportion of the Collective Net Pension Liability.....	20.65%	20.73%
Employer's Proportionate Share of the Collective Net Pension Liability.....	\$ 3,561,470	\$ 2,496,359
Covered Payroll.....	\$ 2,589,575	\$ 2,608,075
Employer's Proportionate Share of the Collective Net Pension Liability as a Percentage of the Employer's Covered Payroll.....	137.53%	95.72%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability.....	81.08%	86.45%
Combined Plan:		
Employer's Proportion of the Collective Net Pension Asset.....	19.64%	20.23%
Employer's Proportionate Share of the Collective Net Pension Asset.....	\$ 9,293	\$ 7,577
Covered Payroll.....	\$ 72,010	\$ 69,383
Employer's Proportionate Share of the Collective Net Pension Asset as a Percentage of the Employer's Covered Payroll.....	12.91%	10.92%
Plan Fiduciary Net Position as a Percentage of the Total Pension Asset.....	116.90%	114.83%

Notes:

^(A) This table will present ten years of information as it becomes available.



STATE OF OHIO
SCHEDULE OF EMPLOYER CONTRIBUTIONS
OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM
FOR THE LAST TWO FISCAL YEARS ^(A)
(dollars in thousands)

	2016	2015
Traditional Plan:		
Statutorily Required Employer Contribution.....	\$ 308,456	\$ 365,010
Actual Employer Contributions Received.....	308,456	365,010
Difference.....	<u>\$ -</u>	<u>\$ -</u>
Covered Payroll.....	\$ 2,589,575	\$ 2,608,075
Actual Employer Contributions Received as a Percentage of Covered Payroll..... ^(B)	11.91%	14.00%
Combined Plan: ^(C)		
Statutorily Required Employer Contribution.....	\$ 8,578	\$ 9,710
Actual Employer Contributions Received.....	8,578	9,710
Difference.....	<u>\$ -</u>	<u>\$ -</u>
Covered Payroll.....	\$ 72,010	\$ 69,383
Actual Employer Contributions Received as a Percentage of Covered Payroll..... ^(B)	11.91%	14.00%

Notes:

^(A) This table will present ten years of information as it becomes available.

^(B) Of the employer's required 14 percent share, 2 percent is devoted to other post-employment benefits. Fiscal year 2015 includes other post-employment benefits.

^(C) Starting in fiscal year 2016, the Combined Plan is presented, and the fiscal year 2015 Combined Plan was added to this table.



STATE OF OHIO

SCHEDULE OF NET PENSION LIABILITY

STATE TEACHERS RETIREMENT SYSTEM

AS OF THE CURRENT MEASUREMENT DATE FOR THE LAST TWO YEARS ^(A)

(dollars in thousands)

	2015	2014
Employer's Proportion of the Collective Net Pension Liability.....	0.39%	0.41%
Employer's Proportionate Share of the Collective Net Pension Liability.....	\$ 107,522	\$ 99,431
Covered Payroll.....	\$ 40,509	\$ 41,996
Employer's Proportionate Share of the Collective Net Pension Liability as a Percentage of the Employer's Covered Payroll.....	265.43%	236.76%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability.....	72.10%	74.71%

Notes:

^(A) This table will present ten years of information as it becomes available.



STATE OF OHIO

SCHEDULE OF EMPLOYER CONTRIBUTIONS

STATE TEACHERS RETIREMENT SYSTEM

FOR THE LAST TWO FISCAL YEARS ^(A)

(dollars in thousands)

	2016	2015
Statutorily Required Employer Contribution.....	\$ 5,683	\$ 5,879
Actual Employer Contributions Received.....	5,683	5,879
Difference.....	\$ -	\$ -
Covered Payroll.....	\$ 40,509	\$ 41,996
Actual Employer Contributions Received as a Percentage of Covered Payroll.....	14.03%	14.00%

Notes:

^(A) This table will present ten years of information as it becomes available.

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STATE OF OHIO

SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS

STATE HIGHWAY PATROL RETIREMENT SYSTEM

AS OF THE CURRENT MEASUREMENT DATE FOR THE LAST TWO YEARS ^(A)

(dollars in thousands)

	2015	2014
Total Pension Liability:		
Service Cost.....	\$ 17,805	\$ 17,657
Interest on the Total Pension Liability.....	81,577	79,175
Difference between Expected and Actual Experience.....	(6,366)	-
Assumption Changes.....	40,773	-
Benefit Payments.....	(66,213)	(64,526)
Refunds.....	(858)	(2,177)
Net Change in Total Pension Liability.....	66,718	30,129
Total Pension Liability - Beginning.....	1,044,346	1,014,217
Total Pension Liability - Ending (a).....	<u>\$ 1,111,064</u>	<u>\$ 1,044,346</u>
Plan Fiduciary Net Position:		
Employer Contributions.....	\$ 22,895	\$ 22,325
Employee Contributions.....	13,686	11,577
Pension Plan Net Investment Income.....	(5,702)	45,105
Benefit Payments.....	(66,213)	(64,526)
Refunds.....	(858)	(2,177)
Pension Plan Administrative Expense.....	(1,084)	(1,031)
Other.....	839	421
Net Change in Plan Fiduciary Net Position.....	(36,437)	11,694
Plan Fiduciary Net Position - Beginning.....	740,662	728,968
Plan Fiduciary Net Position - Ending (b).....	<u>\$ 704,225</u>	<u>\$ 740,662</u>
Net Pension Liability - Ending (a) - (b).....	<u>\$ 406,839</u>	<u>\$ 303,684</u>
Plan Fiduciary Net Position as a Percentage of Total Pension Liability.....	63.38%	70.92%
Covered Employee Payroll..... ^(B)	\$ 99,983	\$ 89,878
Net Pension Liability as a Percentage of Covered Employee Payroll.....	406.91%	337.88%

Notes:

^(A) This table will present ten years of information as it becomes available.

^(B) Covered payroll excludes Deferred Retirement Option Program (DROP) employees for 2014, but includes DROP employees for 2015.



STATE OF OHIO

SCHEDULE OF EMPLOYER CONTRIBUTIONS
STATE HIGHWAY PATROL RETIREMENT SYSTEM
FOR THE LAST TEN CALENDAR YEARS
(dollars in thousands)

	2015	2014	2013	2012	2011
Actuarially Determined Contribution.....	\$ 22,446	\$ 29,767	\$ 35,430	\$ 30,488	\$ 26,956
Actual Employer Contributions Received.....	22,895	22,325	22,908	23,766	22,966
Difference.....	<u>\$ (449)</u>	<u>\$ 7,442</u>	<u>\$ 12,522</u>	<u>\$ 6,722</u>	<u>\$ 3,990</u>
Covered Payroll..... (A)	\$ 99,983	\$ 99,212	\$ 98,520	\$ 98,117	\$ 93,126
Actual Employer Contributions Received as a Percentage of Covered Payroll.....	22.90%	22.50%	23.25%	24.22%	24.66%

Notes:

(A) Covered payroll includes Deferred Retirement Option Program (DROP) employees.

Actuarial Assumptions

Valuation Date	December 31, 2014
Notes	The roll-forward of total pension liability from December 31, 2014 to December 31, 2015 reflects expected service cost and interest reduced by actual benefit payments and administrative expenses. Actuarially determined contribution rates are calculated as of December 31, which is one day prior to the beginning of the fiscal year in which contributions are reported.
Actuarial Cost Method	Entry Age
Amortization Method	Level-Percentage Closed
Remaining Amortization Period	29 years
Asset Valuation Method	Four-year smoothed market
Inflation	4 percent wage inflation; 3 percent price inflation
Salary Increases	4.3 percent to 14 percent including inflation
Investment Rate of Return	8 percent
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition.
Mortality	RP-2000 Combined Healthy Male and Female Tables projected to 2020 using Projection Scale AA. The current assumption allows for an approximate 2 percent margin for future mortality improvement.
Other Information	There were no benefit changes during the year. There were assumption changes beginning with the December 31, 2015 annual actuarial valuation based on the 2010-2014 Experience Study.



2010	2009	2008	2007	2006
<u>\$ 22,872</u>	<u>\$ 19,978</u>	<u>\$ 21,221</u>	<u>\$ 21,666</u>	<u>\$ 19,567</u>
21,212	20,454	20,302	19,957	19,264
<u>\$ 1,660</u>	<u>\$ (476)</u>	<u>\$ 919</u>	<u>\$ 1,709</u>	<u>\$ 303</u>
\$ 94,768	\$ 94,825	\$ 94,302	\$ 93,753	\$ 85,878
22.38%	21.57%	21.53%	21.29%	22.43%