Appendix B: Facility Conditions Index Report

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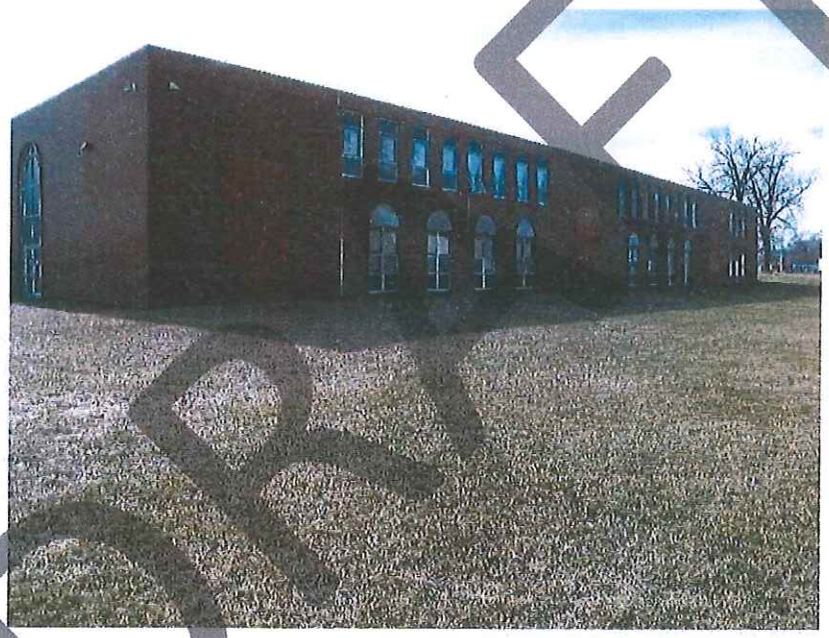
Combined Condition Assessment

Whitman Elementary School

125 West Montcalm Street, Pontiac, Michigan



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February 2017

DTMB
Technology, Management & Budget
State Facilities Administration

SRO
STATE SCHOOL REFORM/REDESIGN OFFICE
Michigan Department of Technology, Management and Budget

LARA
LICENSING AND REGULATORY AFFAIRS
CUSTOMER DRIVEN. BUSINESS MINDED
Bureau of Construction Codes

Executive Summary

This Combined Condition Assessment is the product of a collaborative site assessment and survey by the Department of Technology Management and Budget, State Facilities Administration (SFA) and the Department of Licensing and Regulatory Affairs (LARA) Bureau of Construction Codes at the request of the State School Reform/Redesign Office (SRO).

It has been designed to provide a general condition overview of the facility and major site assets. A team visits the site and collects data to determine two factors in eight facilities categories:

Factors:

- ***Remaining Service Life*** of Facility Elements or Systems which is then utilized to calculate an ***Age-Based Condition Index.***
- ***Operating Condition*** based upon visual observations the day of the visit along with supporting information/records provided by staff or contact personnel.
- Results of the two factors above are averaged/combined to produce a single ***Combined Condition Score (CCS)*** for the site.

Facilities Categories:

- Structure – Foundation, Parking Lots, Sidewalks, Access
- Exterior – Walls, Windows, Stairways, Doors
- Roofing – Roofing Type and Condition
- HVAC – Air Handlers, Boilers, Chillers, Gas Piping, Cooling Towers, Pumps, Exhaust, etc.
- Electrical – Service & Distribution, Lighting, Emergency Generator, Fire Alarm, Kitchen
- Plumbing – Restrooms, Backflow, Domestic Water/Heating, Distribution, Fire System
- Conveying – Elevators, Lifts
- Interior Construction – Doors, Stairways, Walls, Ceilings, Flooring

Results:

The Whitman Elementary School assessment was performed on ***February 16, 2017*** by the SFA team and resulted in a *CCS* of: **46.0**

Combined Condition Score (CCS)

There are many ways to measure physical condition of a facility. Performing full, detailed assessments necessary to calculate a Facility Condition Index (FCI), Extended Facility Condition Index (EFCI) or Facilities Needs Index (FNI) are very demanding in terms of input resources up front. This project required an efficient, lean approach whereby an assessment team could move through occupied space quickly with minimal disruption while collecting data. The output needed to be measurable and consistent. While additional information such as annual

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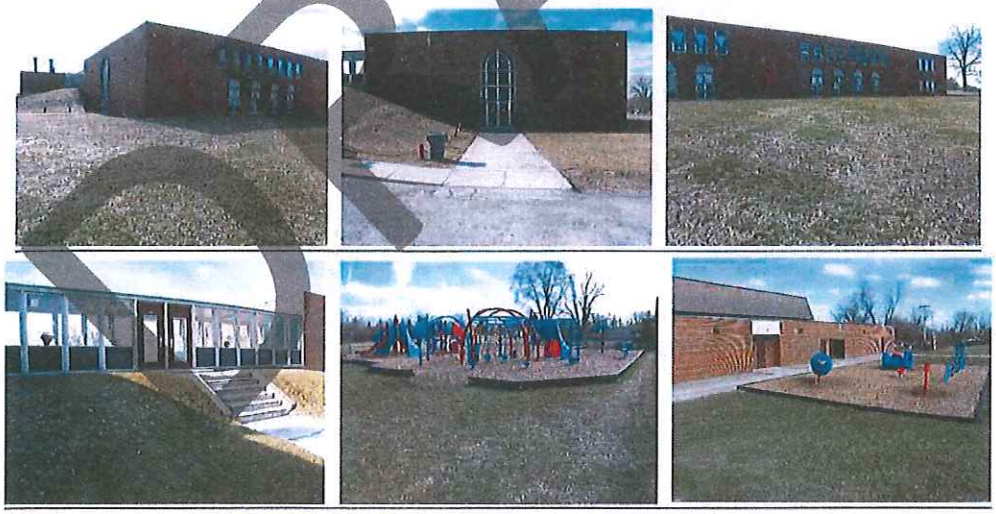
reinvestment rates and replacement costs may also be desirable, these were outside the scope of this first visit.

The DTMB State Facilities Administration (SFA), Building Operations Division assesses buildings within their own portfolio for capital planning purposes. These assessments may be age-based, where the age of building elements or assets are compared to their respective design-life; or observed-condition-based where defects and site conditions are observed and rated.

The Combined Condition Score is a combination of both the age-based condition index and observed condition, equally weighted and averaged together resulting in a number between 0 and 100. This number will be indicative of overall facility condition and can be used to order facilities by respective condition relative to others.

- A score of 100 indicates a brand new, unoccupied facility with no construction defects and no code violations.
- A score of 0 indicates a very old facility with no usable architectural elements or attached assets.
- Realistically speaking, all occupied buildings will score more than zero and less than 100.
- The lower the score, the less cost effective to operate the building. A good rule-of-thumb is when the score falls below 34, equivalent annual cost to replace a facility will be less than continuing to operate and maintain the existing facility.

Building Exterior



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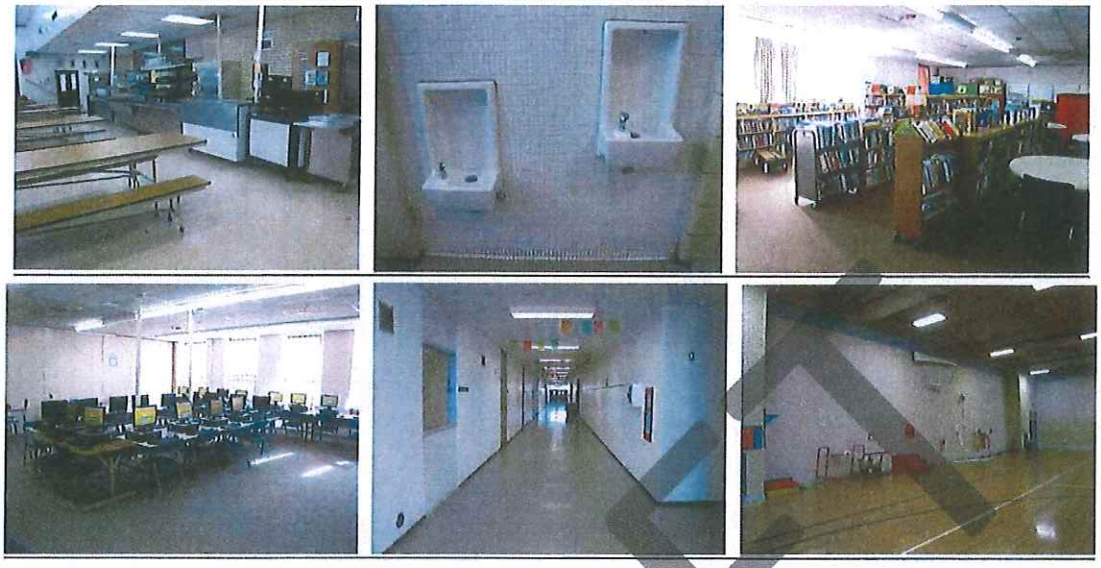
Building Interior



Site Narrative

The assessment team completed the site visit/inspection on February 16, 2017. The Team reviewed the exterior of the building including roofing, exterior walls, generator and outdoor mechanicals. The team then moved inside and reviewed interior finishes and mechanicals including but not limited to, walls and ceilings, foundations, boiler heating, plumbing, HVAC systems and electrical systems in the building. The following was validated/noted during the inspection with site personnel:

- The site was originally constructed in 1970 as Walt Whitman Elementary School.
- The building is brick with a coal-tar, gravel surface built-up roof in fair condition.
- The roof is scheduled for replacement in 2017.
- The boiler was replaced in 1994.
- The water heater was replaced in 1994.
- Restrooms and facility lighting are dated and meet or exceed design life.
- Paving is in poor condition; scheduled for replacement in 2017.
- All areas reviewed were well maintained and in good condition considering overall age.

The full Combined Condition Assessment is as follows:

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BUILDING NAME: Whitman Elementary School | BUILT: 6/1/1970 | ASSESSMENT DATE: 2/16/2017

CATEGORY	SUB-CATEGORY	TYPE	INSTALLED DATE	(YEARS) SERVICE LIFE	AGE	REMAINING SERVICE LIFE	AGE-BASED CONDITION INDEX	INSPECTED OPERATING CONDITION	COMMENTS
STRUCTURE						-8.4	20.4	68.3	
	FOUNDATION		6/1/1970	75.0	46.7	28.3	61.2	75.0	
	PARKING LOTS		6/1/1970	15.0	46.7	-31.7	0.0	70.0	
	PEDESTRIAN PAVING		6/1/1970	25.0	46.7	-21.7	0.0	60.0	
EXTERIOR						5.8	29.2	68.8	
	WALLS		6/1/1970	70.0	46.7	23.3	55.5	75.0	
	WINDOWS		6/1/1970	30.0	46.7	-16.7	0.0	75.0	
	STAIRWAYS		6/1/1970	75.0	46.7	28.3	61.2	50.0	
	DOORS		6/1/1970	35.0	46.7	-11.7	0.0	75.0	
ROOF						-26.7	0.0	75.0	
	ROOF COVERING		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
HVAC						-11.9	17.3	75.0	
	AIR HANDLING UNITS		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	BOILERS		6/1/1994	30.0	22.7	7.3	42.7	75.0	
	CHILLERS								
	GAS PIPING SYSTEMS		6/1/1970	75.0	46.7	28.3	61.2	75.0	
	COOLING TOWERS								
	PUMPS		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	EXHAUST SYSTEMS		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	WALK IN FREEZERS		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	VENT AND POOL HEATERS								
	COOLING PIPING								
ELECTRICAL						-26.7	21.4	75.0	
	ELECTRICAL SERVICE/DISTRIBUTION		6/1/1970	50.0	46.7	3.3	12.7	75.0	
	LIGHTING		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	EMERGENCY GENERATOR								
	KITCHEN EQUIPMENT		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	INTERCOM / PA EQUIPMENT		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	FIRE ALARM SYSTEM		6/1/2012	20.0	4.7	15.3	94.4	75.0	
PLUMBING						-16.7	10.2	75.0	
	RESTROOMS		6/1/1970	30.0	46.7	-16.7	0.0	75.0	
	BACKFLOW PREVENTERS		6/1/1970	10.0	46.7	-36.7	0.0	75.0	
	GENERAL		6/1/1970	35.0	46.7	-11.7	0.0	75.0	
	FOOD SERVICE		6/1/1970	35.0	46.7	-11.7	0.0	75.0	
	DOMESTIC WATER HEATING		6/1/1994	15.0	22.7	-7.7	0.0	75.0	
	WATER DISTRIBUTION		6/1/1970	75.0	46.7	28.3	61.2	75.0	
	FIRE SUPPRESSION		6/1/1970						
CONVEYING									
	ELEVATORS								
INTERIOR CONSTRUCTION						0.3	17.3	75.0	
	DOORS		6/1/1970	40.0	46.7	-6.7	0.0	75.0	
	STAIRWAYS		6/1/1970	50.0	46.7	3.3	12.7	75.0	
	WALLS		6/1/1970	75.0	46.7	28.3	61.2	75.0	
	CEILINGS		6/1/1970	20.0	46.7	-26.7	0.0	75.0	
	FLOORS		6/1/1970	50.0	46.7	3.3	12.7	75.0	

BUILDING EXTERIOR FT^2
48,900

AVERAGE					COMBINED CONDITION SCORE
SERVICE LIFE	AGE	REMAINING SERVICE LIFE	CONDITION INDEX	OBSERVED CONDITION	
36.5	43.7	-12.0	19.3	72.7	46.0

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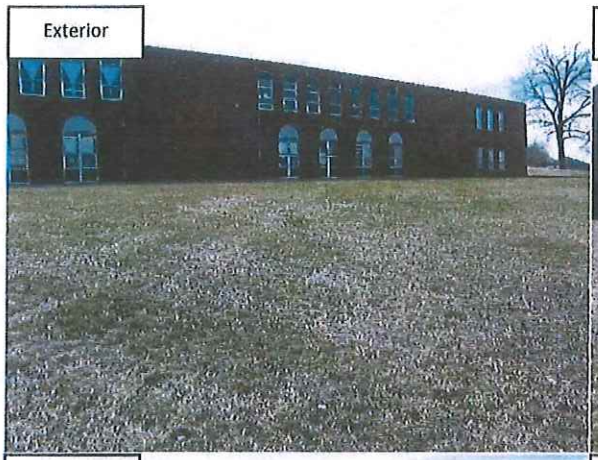

Exterior

Exterior

Exterior

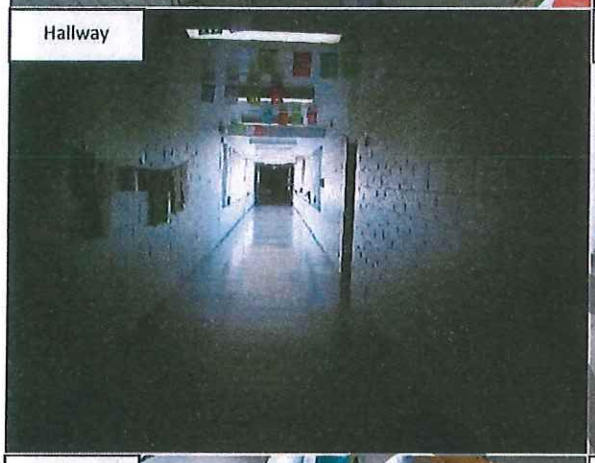
Parking

Motor Control Center

Water Heater

Kitchen

Dining Area


Hallway

Pumps

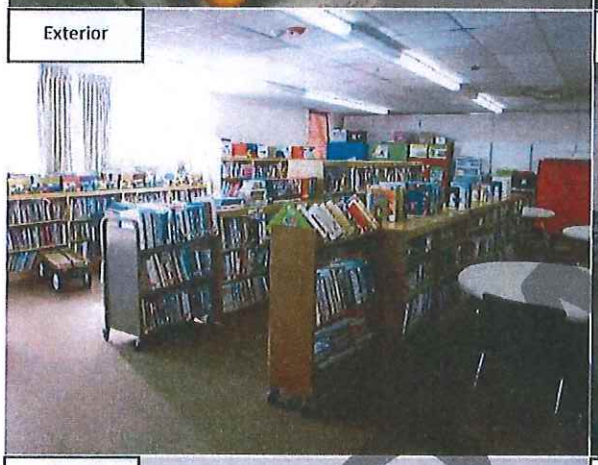
Boiler

Boiler

Boilers

Exterior

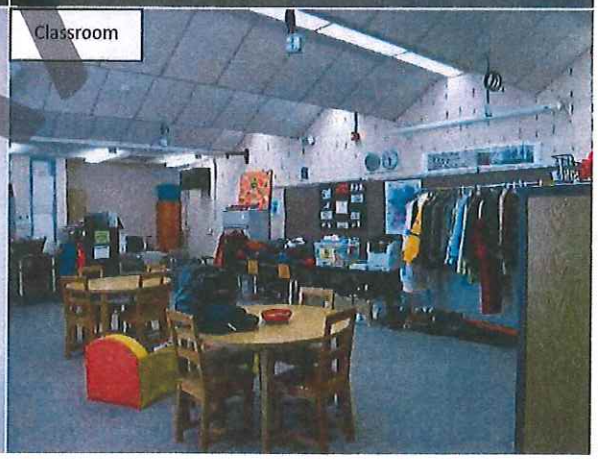
Exterior

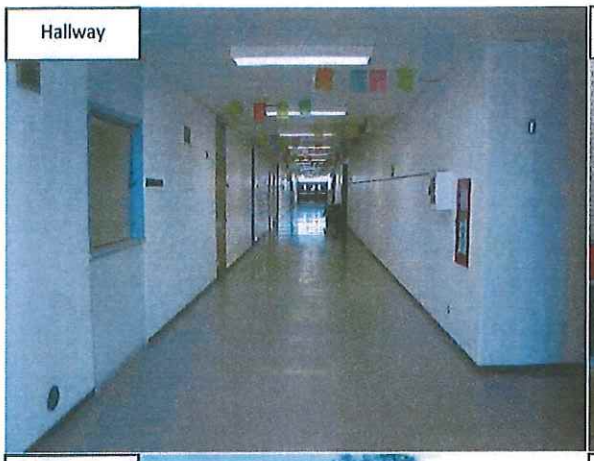


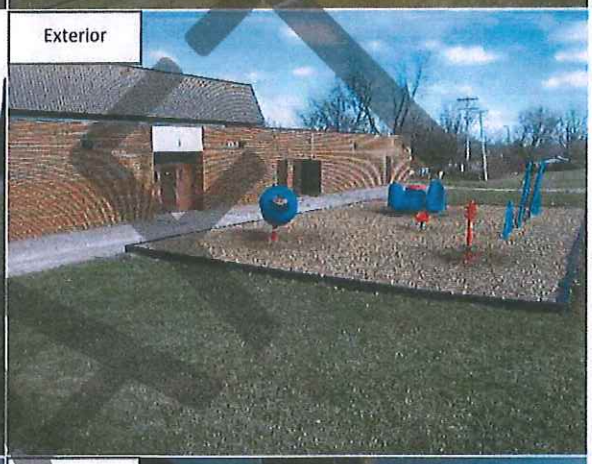
Computer Classroom

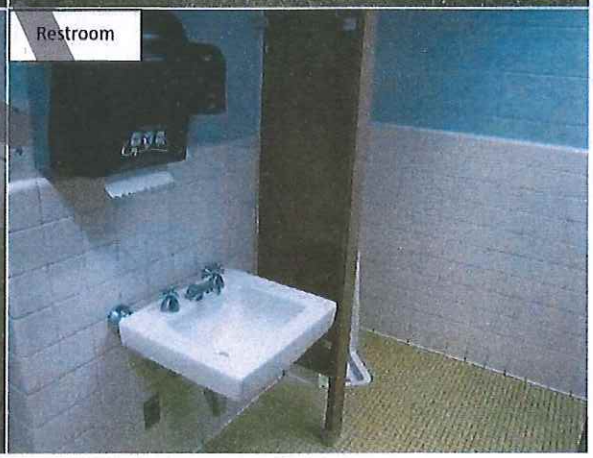
Plaque

Classroom









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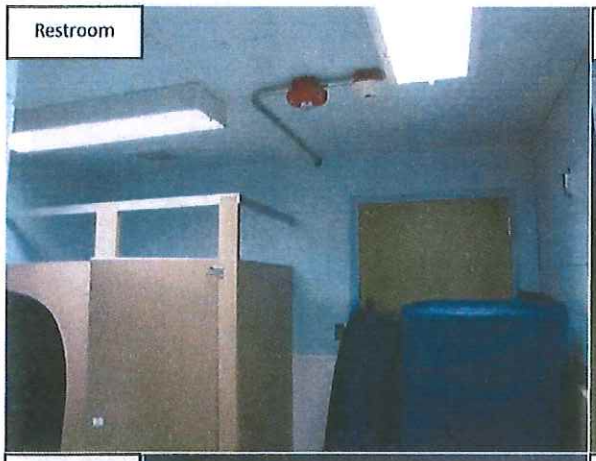

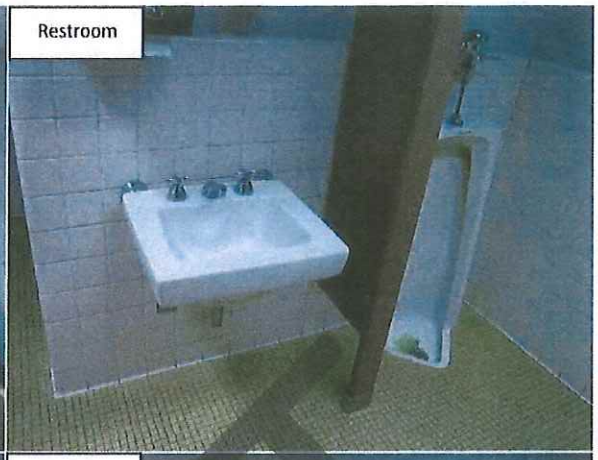

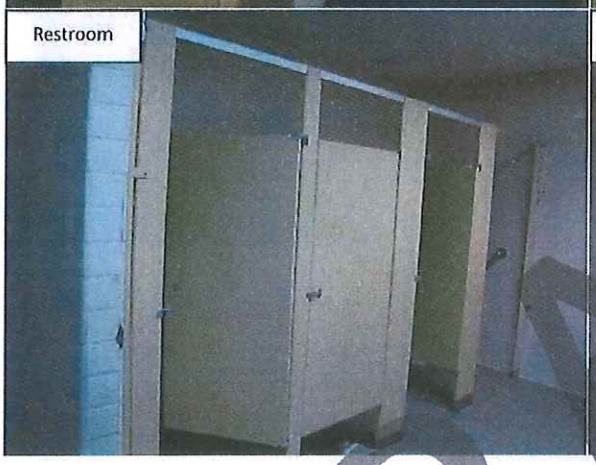

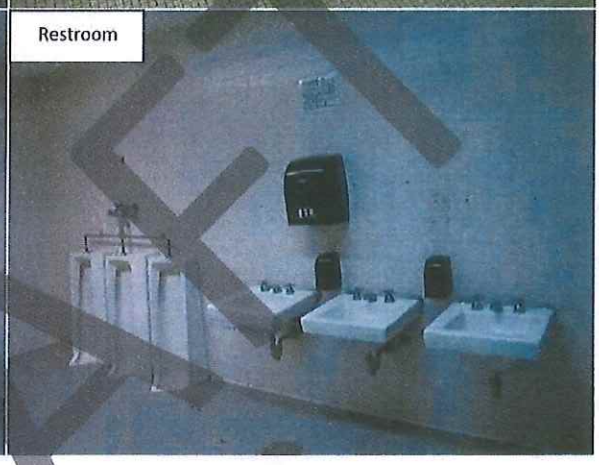

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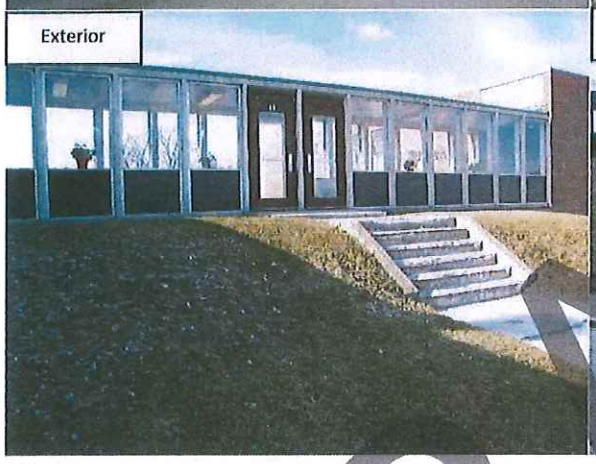

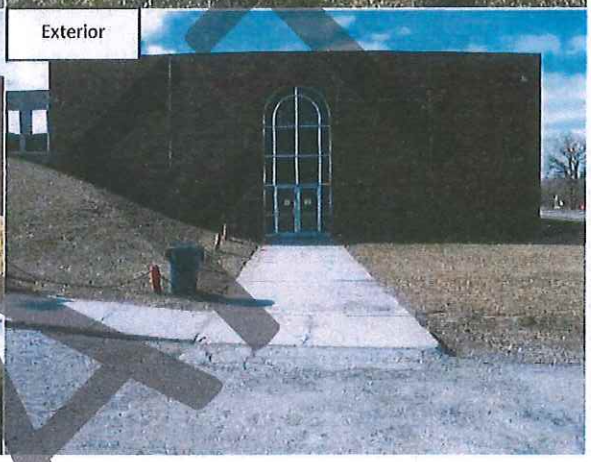

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BUILDING

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	125 W. Montcalm St., Pontiac,MI	ADDRESS
2	FAIR	Average wear for building age; not new but no issues	Violations-90 days		BUILDING
1	POOR	Worn from use -end of expected lifecycle	Violations-45 days	2/16/2017	SURVEY DATE
0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYORS

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
Civil							
	Perimeter Fencing		3				Upgrading in Summer 2017
	Paving Parking Lot (Asphalt / Concrete)			2			Upgrading in Summer 2017
	Curbing		3				Upgrading in Summer 2017
	On-Site Signage		3				
	Pedestrian Access (Michigan Barrier Free & Safety)			2			Upgrading in Summer 2017
Site Facilities							
	Loading Dock		3				
Michigan barrier free Compliance							
	Handicap Parking		3				Upgrading in Summer 2017
	Accessible Entry		3				Upgrading in Summer 2017
	Exterior Ramps and walks			2			Upgrading in Summer 2017
	Barrier free route (ROW - Sidewalk to Bldg. Entry)		3				Upgrading in Summer 2017
	Building Entry			2			Upgrading in Summer 2017
Foundation/Footings							
	Structure		3				
Columns/Beams/Walls							
	Structure		3				
	Applied Fireproofing Systems					N/A	
Roofing							
	Roof Openings (Skylights)					N/A	
	Roof Openings (Access)					N/A	
	Roof Equipment Curbing					N/A	
	Leakage		3				Upgrading in Summer 2017
	Ponding Water		3				Upgrading in Summer 2017
	Roof Drains		3				Upgrading in Summer 2017
	Gutters / Downspouts		3				Upgrading in Summer 2017
Exterior Walls							
	Exterior Finish		3				
	Expansion / Control Joints		3				

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BUILDING

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	125 W. Montcalm St., Pontiac,MI	ADDRESS
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1	POOR	Worn from use-end of expected lifecycle	Violations-45 days	2/16/2017	SURVEY DATE
0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYORS

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
	Thermal Condition		3				
	Soffits					N/A	
	General Appearance		3				
Doors / Windows / Louvers							
	Windows		3				Upgrading in Summer 2017
	Louvers and Vents					N/A	
	Main Entry Doors		3				Upgrading in Summer 2017
	Main Entry Hardware		3				Upgrading in Summer 2017
	Other Exterior Doors		3				Upgrading in Summer 2017
	Other Exterior Door Hardware		3				Upgrading in Summer 2017
General							
	Wall Finishes (Classrooms)		3				Upgrading in Summer 2017
	Wall Finishes (Corridors)		3				Upgrading in Summer 2017
	Wall Finishes (Restrooms)		3				
	Wall Finishes (Others)		3				
	Ceilings		3				Upgrading in Summer 2017
	Cabinetry					N/A	
	Moveable / Operable Walls					N/A	
Interior Doors							
	Door & Frame Condition		3				Upgrading in Summer 2017
	Hardware Condition		3				Upgrading in Summer 2017
	Hallway Fire Door					N/A	
	Cafe / Concession Security Gates / Roll-up Doors					N/A	
Flooring							
	ACT					N/A	
	Drywall					N/A	
	Other					N/A	
	Carpet		3				Upgrading in Summer 2017
	VCT		3				Upgrading in Summer 2017
	Tile		3				

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BUILDING

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
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		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
	Terrazzo					N/A	
	Wood					N/A	
	Sealed Concrete					N/A	
Stairs							
	Landing finish		3				
	Stair treads		3				
	Stair nosings		3				
	Handrails		3				
Toilet Rooms							
	Flooring		3				
	Walls		3				
	Signage		3				

***Any violations reported in this school assessment were not given to the facility as violations to be corrected in order to maintain the certificate of occupancy for the facility. Any violations reported in this school assessment were not cited as part of a school safety inspection, they are strictly for the use of the assessment report.

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MECHANICAL

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
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0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYOR

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
Gas System							
	Piping		3				
	Other (Vented Interior Regulators)					N/A	
	Gas PRV (Proximity to OA intakes)		3				
	Science Classroom Emergency Off Switch					N/A	
Cooling Plant							
	Distribution Piping (2 pipe or 4-pipe)					N/A	
	Chillers (Age, Refrigerant, Heat Rejection Method)					N/A	
	Cooling Towers (Age, Materials, VFD, Sufficiency)					N/A	
	CHW Pump Volute Insulation type (foamglass, Armaflex, phenolic foam, fiberglass, mineral wool)					N/A	
	Plant Piping & Valves (Corroded/Isolation valves)					N/A	
	Chilled Water Pipe Insulation & Jacket (Foamglass Armaflex					N/A	
	Campus Piping & Valves (Corroded/Isolation valves)					N/A	
	Refrigeration Room Monitoring and Ventilation					N/A	
Heating Plant							
	Boilers (Age, Fuel Type, Input/Output)		3				Upgrading in Summer 2017
	Pumps (VFD / Sound / Suction Pressure)		3				Upgrading in Summer 2017
	Plant Piping & Valves (Corroded/Isolation valves)		3				Upgrading in Summer 2017
	Campus Piping & Valves (Corroded/Isolation valves)		3				Upgrading in Summer 2017
	Boiler Room E-Stop						
Dedicated Airside Heating Systems							
	Heating-Only Air Handling Units (Age)					N/A	
	Duct Furnaces (Fuel, Type, Age, Mission)					N/A	
	Unit Heaters (Fuel, Type, Age, Mission)					N/A	
	Heating-Only Unit Ventilators (year, condition)					N/A	
Air Distribution							
	Outside Air Units (Age, HR Type, ERV, Unitary, VAV)					N/A	
	Rooftop ACUs (Age, Gas Heat or Heat Pump)		3				Upgrading to DX units in Summer 2017

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MECHANICAL

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
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0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYOR

			4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
	Central Station AHUs (Age, Type/Geometry, VAV, typ. SAT dual path unit)						N/A	
	Terminal Units (VAV, VAV/reheat, Heat source, Close- off VAV, SFPU, PFPU)						N/A	
Exhaust Systems								
	Restrooms			3				
	Locker Rooms						N/A	
	Kitchen	Hood Systems (Grease or Heat only, Ansul system, Heat sensor start)		3				
		Exhaust Fan Outlet height (Is it <40")		3				
	Science	Room Emergency Exhaust (Operation)					N/A	
		Fume Exhaust (Latest year certified, sash height, manifolded, VAV, fan location)					N/A	
		Stack outlet height (is it <10')					N/A	
	Art Kiln	Exhaust Fan / Exhaust Hood					N/A	
Refrigeration Systems								
	Freezer Systems (Age, Location, Refrigerant)			3				
	Cooler Systems (Age, Location, Refrigerant)			3				
Indoor Swimming Pool Systems								
	Vent and Pool Heater						N/A	
Fire Alarm System and Fire Suppression								
	Fire suppression						N/A	

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PLUMBING

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
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0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYOR

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
Site Utilities							
	Backflow Preventer		3				
	Water Service Piping		3				
Roofing							
	Roof Drains (piping)		3				
Toilet Rooms							
	Toilet Partitions		3				
General							
	Custodial Closets (Mop Sinks)		3				
	Laboratory Sinks					N/A	
	Eyewash / Emerg. Shower (Tepid Water)					N/A	
	Showers (Self metering, Shutoff)					N/A	
	Kitchen (POU Grease, Interceptor)					N/A	
	Grease (Indoor/outdoor, Interceptor)					N/A	
	Water Fountains (Self contained water cooler, bubbler)		3				
	Sewer Ejector systems					N/A	
	Dilution Tanks (Science Classrooms/Neutralization tanks)					N/A	
	DWV					N/A	
Restrooms							
	Water Closets		3				
	Urinals		3				
	Lavatories / Sinks		3				
Water Distribution							
	Water Distribution Piping		3				
	Water Heaters (Separate from Bldg. Heating / Kitchen)		3				
	Water Meter		3				
Food Service							
	SS Sinks		3				
	Mop Sinks		3				

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PLUMBING

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	125 W. Montcalm St., Pontiac,MI	ADDRESS
2	FAIR	Average wear for building age; not new but no issues	Violations-90 days		BUILDING
1	POOR	Worn from use -end of expected lifecycle	Violations-45 days	2/16/2017	SURVEY DATE
0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYOR

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
	Water and Drains		3				
Domestic Water Heating							
	Dedicated Heater for Kitchen		3				
	Recirculation Pump (Operating- Yes/No)					N/A	

***Any violations reported in this school assessment were not given to the facility as violations to be corrected in order to maintain the certificate of occupancy for the facility. Any violations reported in this school assessment were not cited as part of a school safety inspection, they are strictly for the use of the assessment report.

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BOILER

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	125 W. Montcalm St., Pontiac,MI	ADDRESS
2	FAIR	Average wear for building age; not new but no issues	Violations-90 days		BUILDING
1	POOR	Worn from use -end of expected lifecycle	Violations-45 days	2/16/2017	SURVEY DATE
0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYOR

Heating Plant

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
	Boilers (Age, Fuel Type, Input/Output)		3				Upgrading in Summer 2017
	Pumps (VFD / Sound / Suction Pressure)		3				Upgrading in Summer 2017
	Plant Piping & Valves (Corroded/Isolation Valves)		3				Upgrading in Summer 2017

***Any violations reported in this school assessment were not given to the facility as violations to be corrected in order to maintain the certificate of occupancy for the facility. Any violations reported in this school assessment were not cited as part of a school safety inspection, they are strictly for the use of the assessment report.

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ELEVATOR

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	125 W. Montcalm St., Pontiac,MI	ADDRESS
2	FAIR	Average wear for building age; not new but no issues	Violations-90 days		BUILDING
1	POOR	Worn from use -end of expected lifecycle	Violations-45 days	2/16/2017	SURVEY DATE
0	CRITICAL	Extremely worn or damaged	Violations / imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYOR

Elevator State Serial Number:

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
	Machine Room Equipment					N/A	
	Door Operators and Operating Equipment					N/A	
	Interior Cab / Signage / Emerg. Phone					N/A	
	Hoistway Pit					N/A	
	Landing Fixtures					N/A	
	Operating Condition					N/A	
	Ropes / Hoisting Equipment					N/A	
	Hoistway Equipment					N/A	
	Fire and Emergency Service					N/A	

***Any violations reported in this school assessment were not given to the facility as violations to be corrected in order to maintain the certificate of occupancy for the facility. Any violations reported in this school assessment were not cited as part of a school safety inspection, they are strictly for the use of the assessment report.

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ELECTRICAL

4	NEW	New or like-new condition; no issues to report; no expected failures	No issues / violations or adverse conditions / less than 3 years old	Whitman Elementary School	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	125 W. Montcalm St., Pontiac,MI	ADDRESS
2	FAIR	Average wear for building age; not new but no issues	Violations-90 days		BUILDING
1	POOR	Worn from use -end of expected lifecycle	Violations-45 days	2/16/2017	SURVEY DATE
0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable	Mike Holsinger & Todd Perry	SURVEYOR

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
Electrical Supply							
	Service Switchgear/Electrical Service (Observed Condition)		3				
	District-owned Site Transformers (Observed Condition)					N/A	
	Motor Control Centers		3				
Electrical Distribution							
	Equipment		3				
	Panelboards (Condition & Capacity)		3				
	Feeders (Observed Condition)		3				
	Devices (Switches & Receptacles)		3				
	TSS - Surge Suppression					N/A	
	Transformers		3				
Lighting							
	Classroom (Instructional)		3				Upgrading to LED Summer 2017
	Corridor / Common Areas		3				Upgrading to LED Summer 2017
	Restrooms		3				Upgrading to LED Summer 2017
	High Bay Areas		3				Upgrading to LED Summer 2017
	Emergency (Condition & Code Compliance)		3				
	Exterior Perimeter (Building Mounted)		3				
	Lighting Controls (Building Level)		3				
Other							
	Kitchen Equipment Supply		3				
	Emergency Generator (Observed Condition)					N/A	
	Intercom / PA Systems (Observed Condition)		3				
	Fire Alarm System (Observed Condition)		3				

***Any violations reported in this school assessment were not given to the facility as violations to be corrected in order to maintain the certificate of occupancy for the facility. Any violations reported in this school assessment were not cited as part of a school safety inspection, they are strictly for the use of the assessment report.

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Appendix C: SCHOOL QUALITY MAPS

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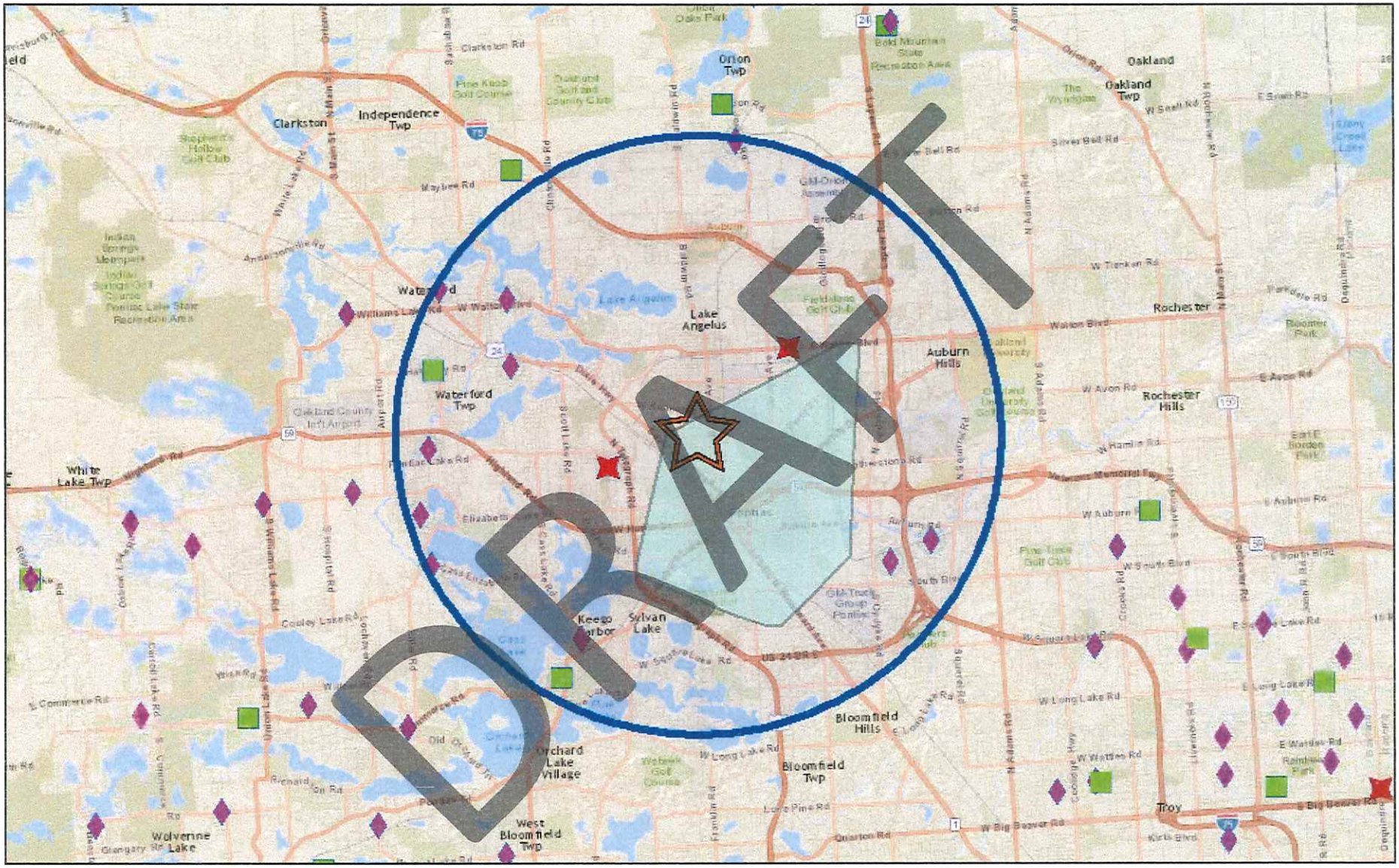
Whitman Elementary: Qualified Schools Within 5 Miles



February 18, 2017

Est. Service Area

Schools

Elementary School

ES-MS

Middle School

Most Grades (PK-12)

Selected School: Whitman Elementary School

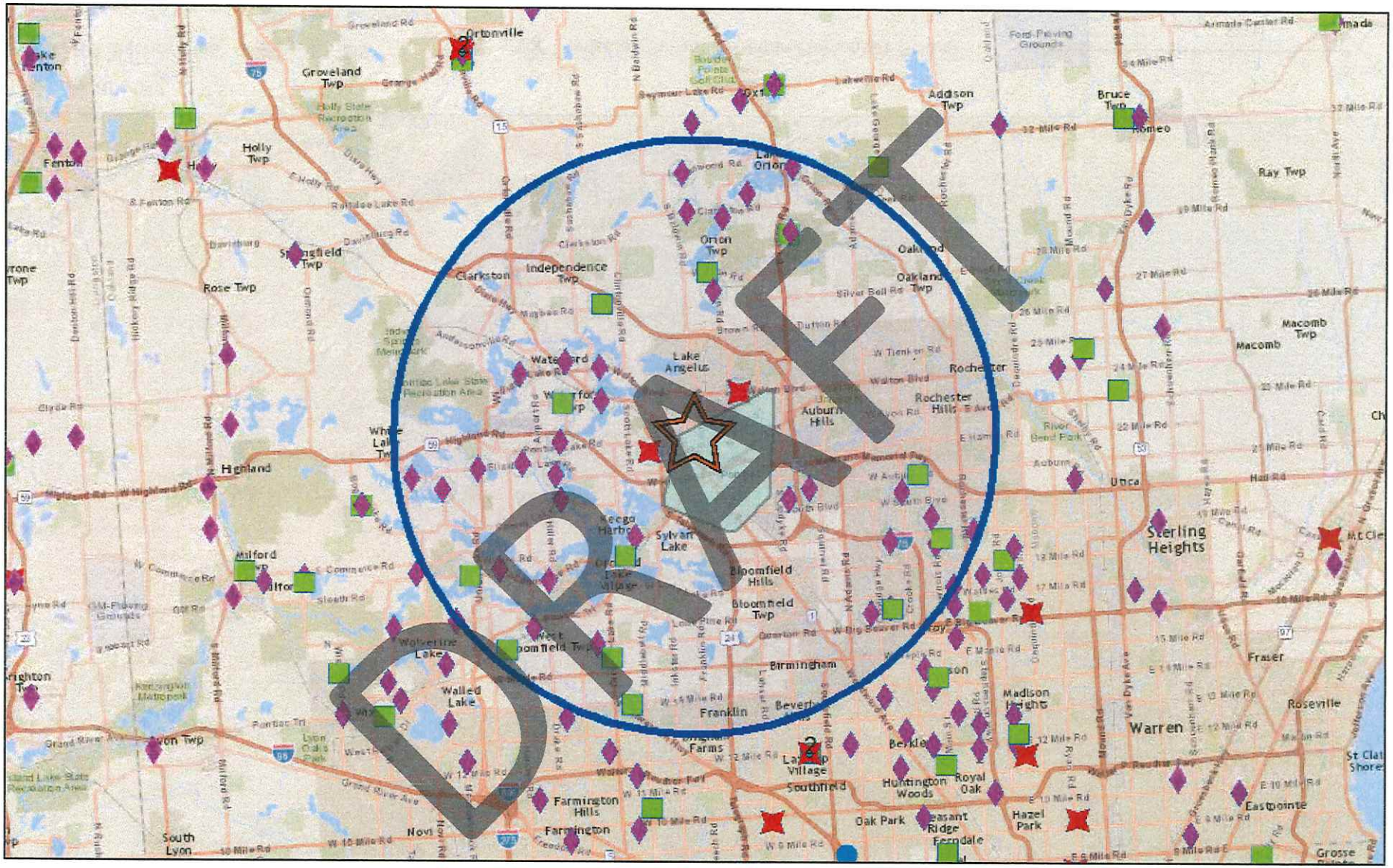
0 1.25 2.5 5 mi

0 2 4 8 km

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand).

Area Schools radius: 5 Miles | Map: State of Michigan - CSS (2017©)

Whitman Elementary: Qualified Schools Within 10 Miles



February 18, 2017

Est. Service Area

Schools

Elementary School

ES-MS

Middle School

Most Grades (PK-12)

Selected School: Whitman Elementary School

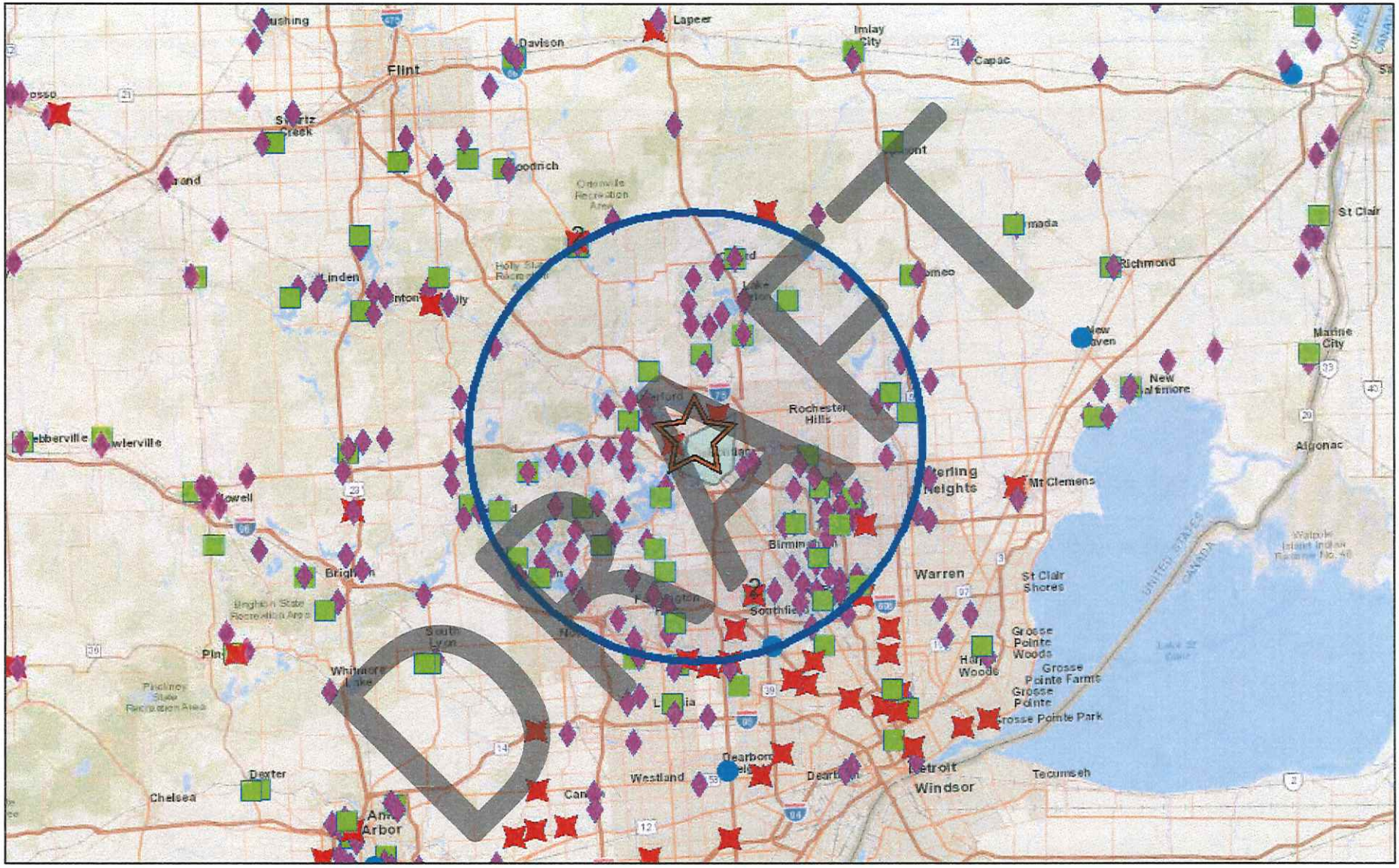
0 2.5 5 10 mi

0 4 8 16 km

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Area Schools radius: 10 Miles | Map: State of Michigan - CSS (2017©)

Whitman Elementary: Qualified Schools Within 15 Miles



February 18, 2017

Est. Service Area

Schools

Elementary School

ES-MS

Middle School

Most Grades (PK-12)

Selected School: Whitman Elementary School

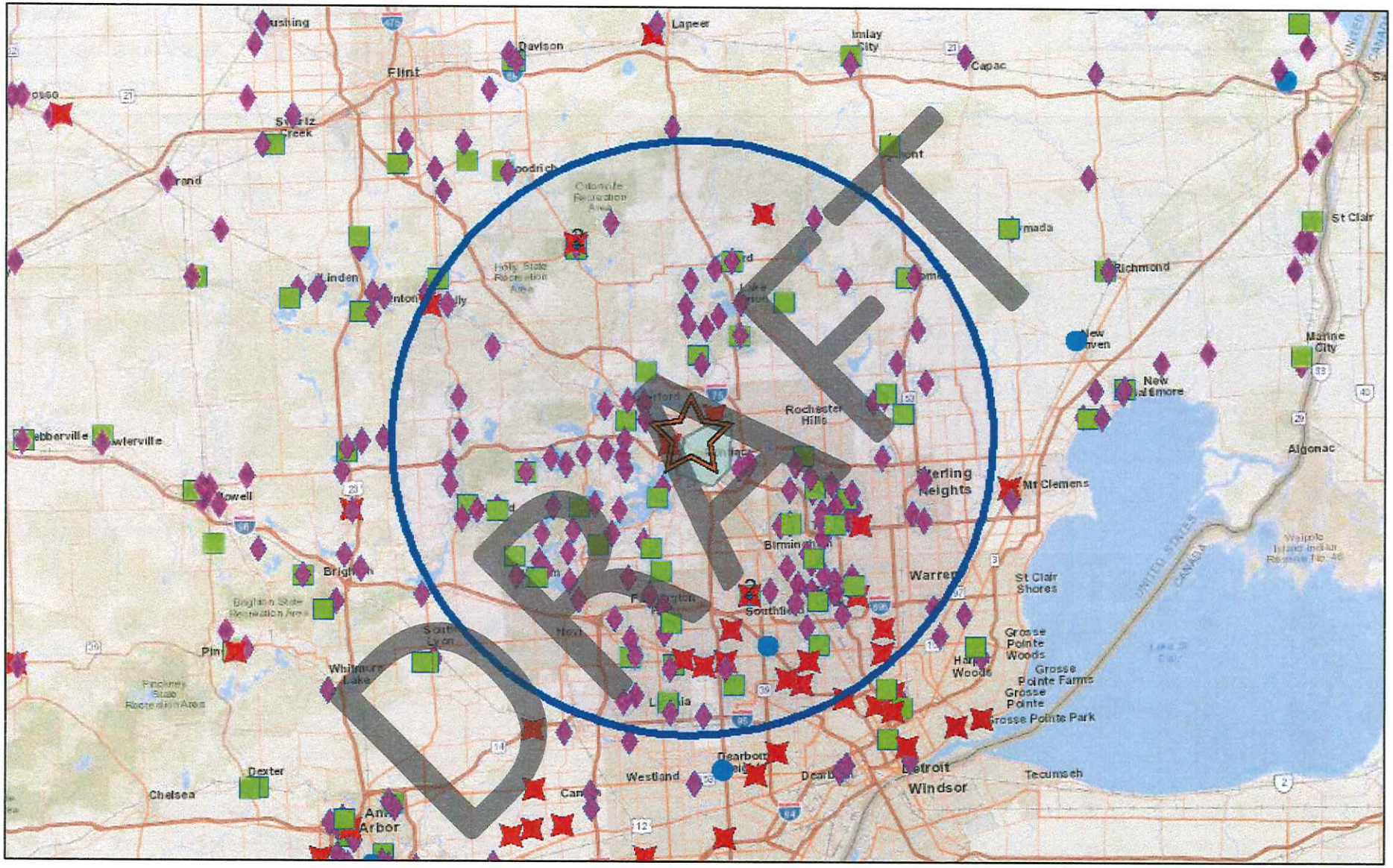
0 5 10 20 mi

0 5 10 20 km

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Area Schools radius: 15 Miles | Map: State of Michigan - CSS (2017©)

Whitman Elementary: Qualified Schools Within 20 Miles



February 18, 2017

Est. Service Area

Schools

Elementary School

ES-MS

Middle School

Most Grades (PK-12)

Selected School: Whitman Elementary School

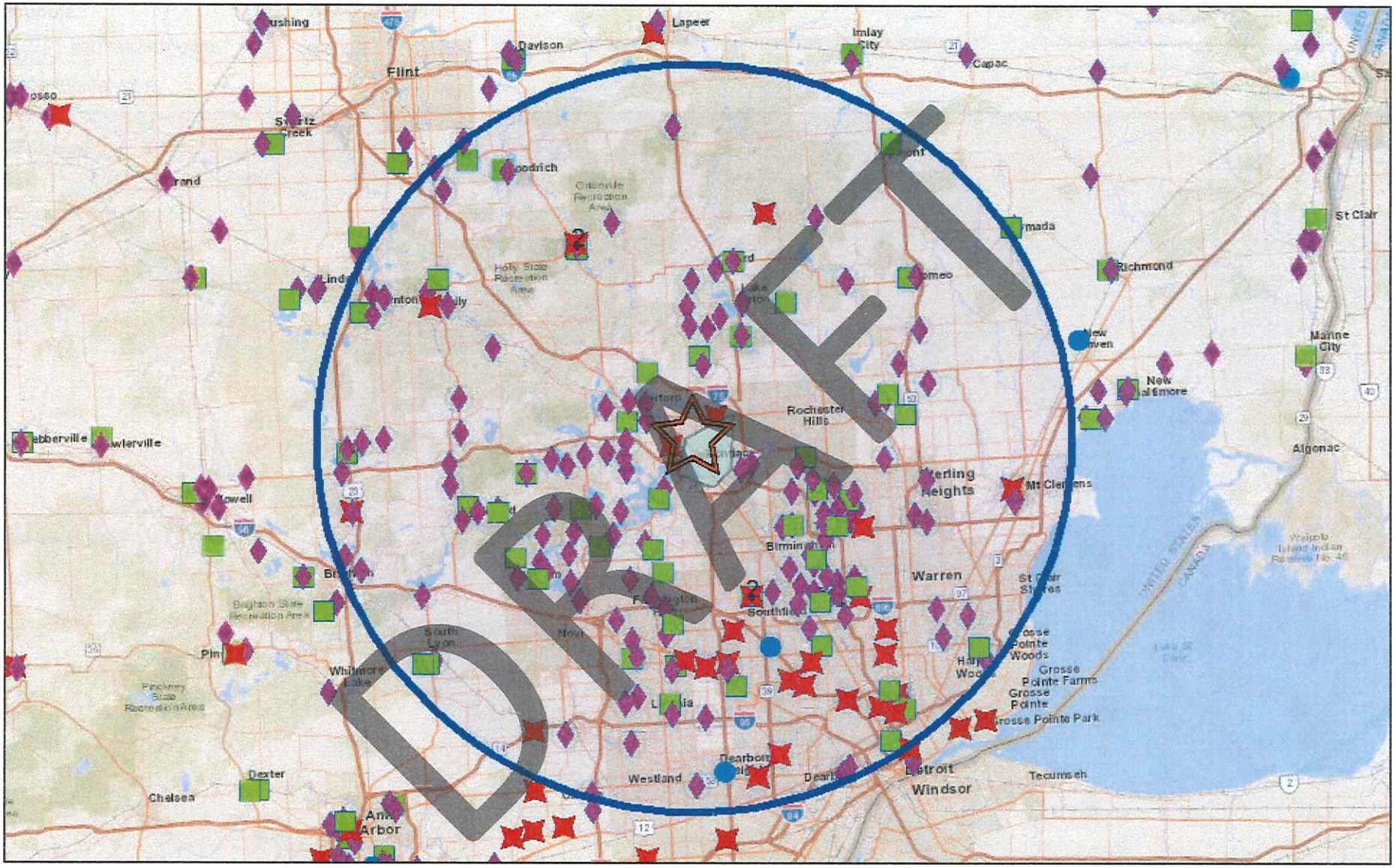
0 5 10 20 mi

0 5 10 20 km

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Area Schools radius: 20 Miles | Map: State of Michigan - CSS (2017©)

Whitman Elementary: Qualified Schools Within 25 Miles



February 18, 2017

Est. Service Area

Schools

Elementary School

ES-MS

Middle School

Most Grades (PK-12)

Selected School: Whitman Elementary School

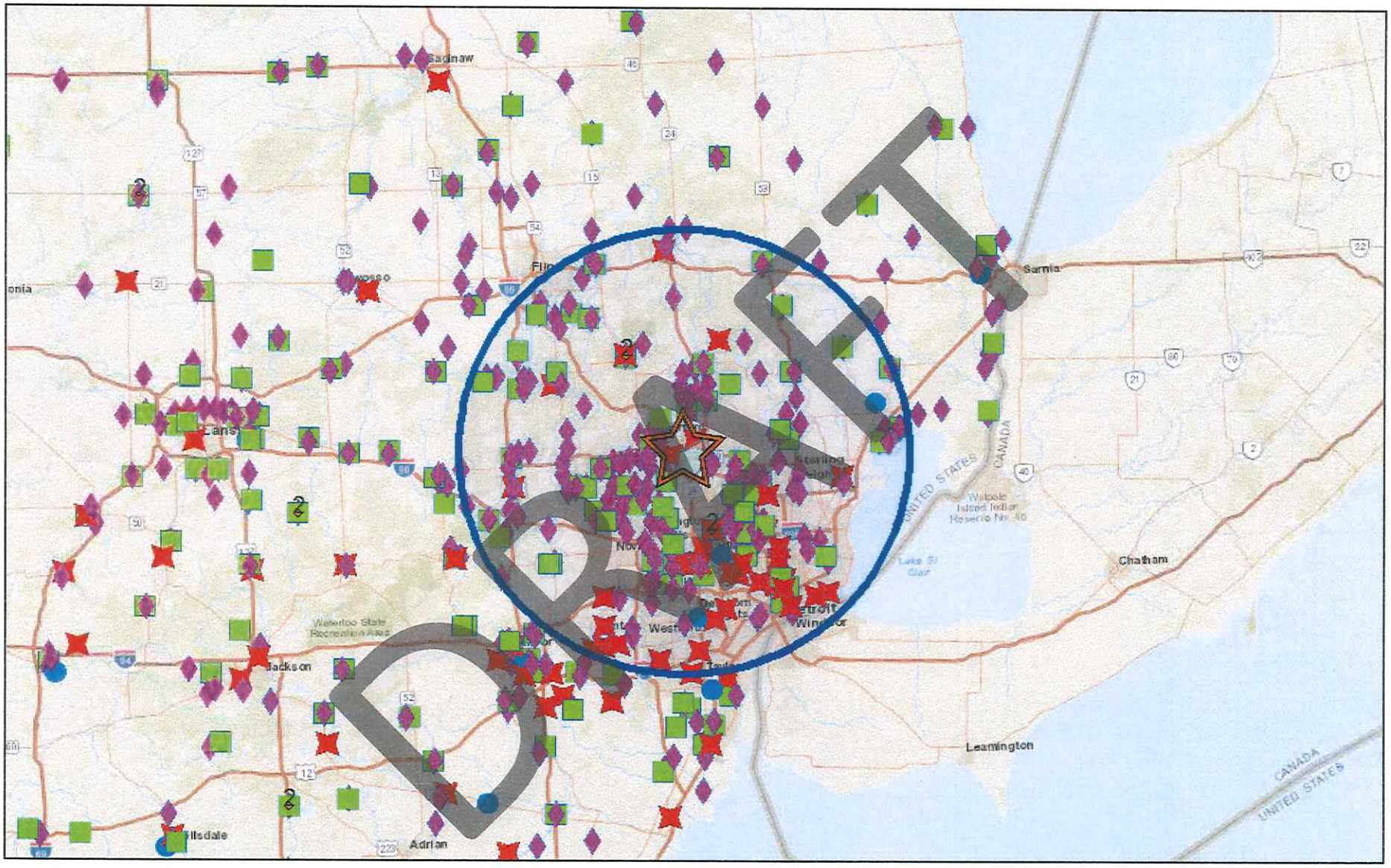
0 5 10 20 mi

0 5 10 20 km

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Area Schools radius: 25 Miles | Map: State of Michigan - CSS (2017©)

Whitman Elementary: Qualified Schools Within 30 Miles



February 18, 2017

Est. Service Area

Schools

Elementary School

ES-MS

Middle School

Most Grades (PK-12)

Selected School: Whitman Elementary School

0 10 20 40 mi

0 15 30 60 km

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Area Schools radius: 30 Miles | Map: State of Michigan - CSS (2017©)

Appendix D: Financial Impact

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Appendix D: Financial Impact

Schools Identified for the Next Level of Accountability Outstanding Obligations			
Pontiac City School District			
Loan Type		**Loan Balance**	**Maturity**
Emergency Loan		$10,000,000.00	7/22/2035
Emergency Loan		$10,000,000.00	4/20/2036
2014E LGLP LPB		$3,475,000.00	5/1/2021
2016F		$6,800,000.00	8/21/2017
	Total	$30,275,000.00	
Long Term		$253,150.42	
2016 PSA SAN D-1		$475,155.87	8/21/2017
	Total	$728,306.29	

Source: Michigan Department of Treasury via the Michigan Finance Authority

Appendix D: Financial Impact *(continued)*

Schools' Potential Losses from School Closures						
Pontiac City School District						
Schools	**Allowance**	**Student Count (Losing)**	**Foundation (Losing)**	**Student Count (Total)**	**Foundation (Total)**	**% of Foundation**
Pontiac High School	$ 7,511.00	859.00	$ 6,451,949.00	4,144.15	$ 31,126,710.65	20.73%
Whitman Elementary School	$ 7,511.00	610.00	$ 4,581,710.00	4,144.15	$ 31,126,710.65	14.72%
TOTAL	$ 7,511.00	1,469.00	$ 11,033,659.00	4,144.15	$ 31,126,710.65	35.45%

Pontiac City School District 2016 Federal Revenues		
	General Fund	$ 12,648,220.45
	Food Service	$ 3,327,703.04
	Total	$ 15,975,923.49

Source: Michigan Department of Treasury