Appendix B: Facility Conditions Index Report

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Combined Condition Assessment

International Academy at Hull

1716 Territorial Road, Benton Harbor, 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 International Academy at Hull assessment was performed on ***February 7, 2017*** by the SFA team and resulted in a ***CCS*** of: **66.4**

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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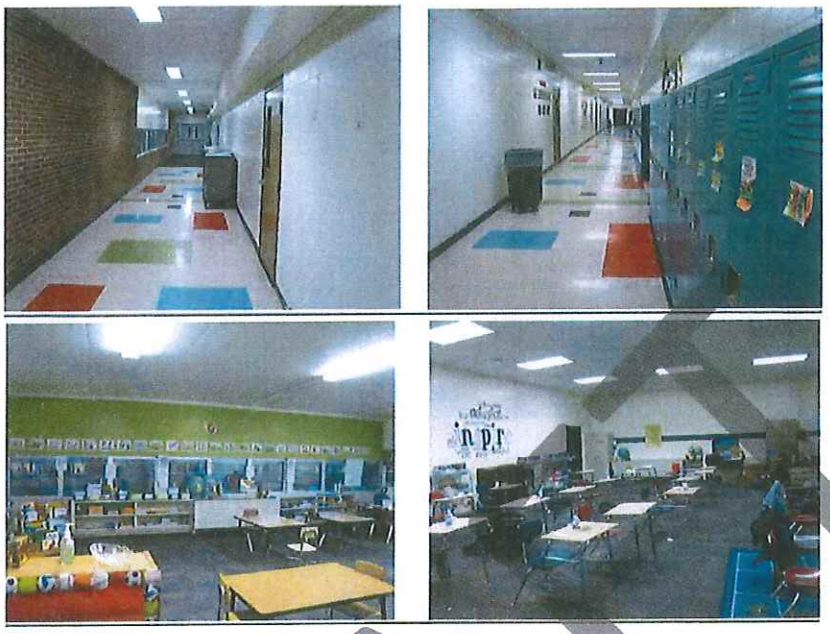
Building Interior



Site Narrative

The assessment team completed the site visit/inspection on February 7, 2017. The Team reviewed the exterior of the building including roofing, exterior walls 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 building was originally constructed in 1960.
- The exterior is brick construction.
- There are two types of roof systems; white membrane and built-up tar and gravel. Most areas had 8 years remaining service life expectancy according to a 2014 assessment although one area is under warranty until 2022.
- There are (3) mobile units on the site with asphalt shingle roofs on good condition.
- Power distribution and lighting systems beyond service life according to a 2016 assessment.
- Boiler and heating system in fair condition, no cooling presently installed.

The full Combined Condition Assessment is as follows:

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BUILDING NAME: International Academy at Hull

BUILT: 6/1/1960

ASSESSMENT DATE: 2/7/2017

CATEGORY	SUB-CATEGORY	TYPE	INSTALLED DATE	(YEARS) SERVICE LIFE	AGE	REMAINING SERVICE LIFE	AGE-BASED CONDITION INDEX	INSPECTED OPERATING CONDITION	COMMENTS
STRUCTURE									
	FOUNDATION					15.0	71.9	75.0	
	PARKING LOTS		6/1/1960	75.0	56.7	18.3	42.8	75.0	
	PEDESTRIAN PAVING		6/1/2010	15.0	6.7	8.3	80.0	75.0	
			6/1/2010	25.0	6.7	18.3	92.8	75.0	
EXTERIOR									
	WALLS					15.6	62.3	75.0	
	WINDOWS		6/1/1960	70.0	56.7	13.3	34.4	75.0	
	STAIRWAYS		6/1/2001	30.0	15.7	14.3	72.6	75.0	
	DOORS		6/1/1960						
			6/1/2001	35.0	15.7	19.3	79.9	75.0	
ROOF									
	ROOF COVERING					13.3	88.7	75.0	
			6/1/2010	20.0	6.7	13.3	88.7	75.0	
HVAC									
	AIR HANDLING UNITS					7.1	40.7	71.5	
	BOILERS		6/1/1997	20.0	19.7	0.3	2.9	62.5	
	CHILLERS		6/1/1987	30.0	19.7	10.3	56.8	75.0	
	GAS PIPING SYSTEMS								
	COOLING TOWERS		6/1/1997	75.0	19.7	55.3	93.1	75.0	
	PUMPS								
	EXHAUST SYSTEMS		6/1/1997	20.0	19.7	0.3	2.9	75.0	
	WALK IN FREEZERS		6/1/2010	20.0	6.7	13.3	88.7	66.7	
	VENT AND POOL HEATERS		6/1/1960	20.0	56.7	-36.7	0.0	75.0	
	COOLING PIPING								
ELECTRICAL									
	ELECTRICAL SERVICE/DISTRIBUTION					0.3	19.5	75.0	
	LIGHTING		6/1/1960	50.0	56.7	-6.7	0.0	75.0	
	EMERGENCY GENERATOR		6/1/1997	20.0	19.7	0.3	2.9	75.0	
	KITCHEN EQUIPMENT								
	INTERCOM / PA EQUIPMENT		6/1/1997	20.0	19.7	0.3	2.9	75.0	
	FIRE ALARM SYSTEM		6/1/1997	20.0	19.7	0.3	2.9	75.0	
			6/1/2010	20.0	6.7	13.3	88.7	75.0	
PLUMBING									
	RESTROOMS					10.3	47.8	74.4	
	BACKFLOW PREVENTERS		6/1/1997	30.0	19.7	10.3	56.8	71.4	
	GENERAL		6/1/1997	10.0	19.7	-9.7	0.0	75.0	
	FOOD SERVICE		6/1/1997	35.0	19.7	15.3	68.3	75.0	
	DOMESTIC WATER HEATING		6/1/1997	35.0	19.7	15.3	68.3	75.0	
	WATER DISTRIBUTION		6/1/1997	15.0	19.7	-4.7	0.0	75.0	
	FIRE SUPPRESSION		6/1/1997	75.0	19.7	55.3	93.1	75.0	
CONVEYING									
	ELEVATORS								
INTERIOR CONSTRUCTION									
	DOORS					40.3	96.3	75.0	
	STAIRWAYS		6/1/2010	40.0	6.7	33.3	97.2	75.0	
	WALLS		6/1/2010	50.0	6.7	43.3	98.2	75.0	
	CEILINGS		6/1/2010	75.0	6.7	68.3	98.2	75.0	
	FLOORS		6/1/2010	20.0	6.7	13.3	88.7	75.0	
			6/1/2010	50.0	6.7	43.3	98.2	75.0	

BUILDING EXTERIOR FT^2
54,198

AVERAGE					COMBINED CONDITION SCORE
SERVICE LIFE	AGE	REMAINING SERVICE LIFE	CONDITION INDEX	OBSERVED CONDITION	
35.2	20.1	14.6	58.4	74.4	66.4

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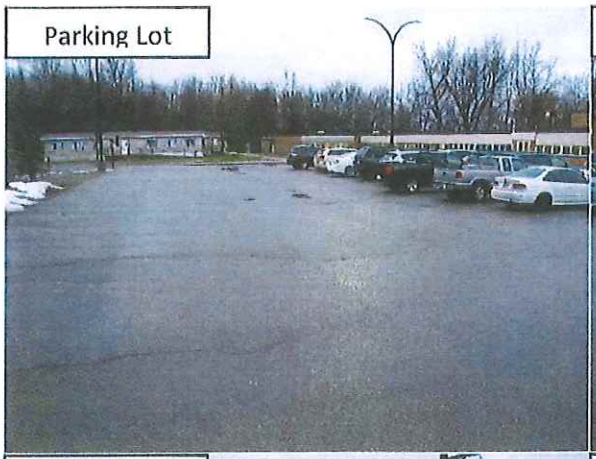

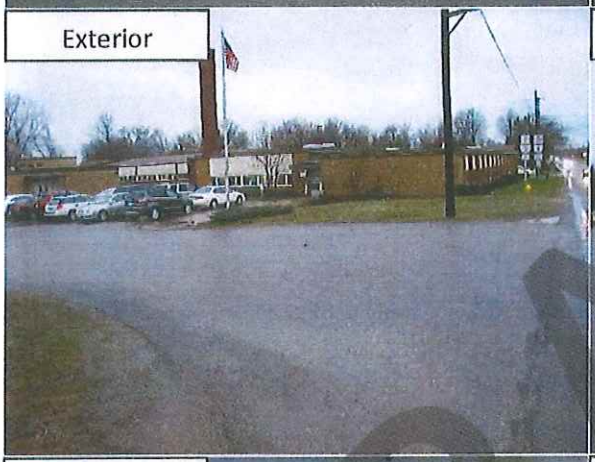

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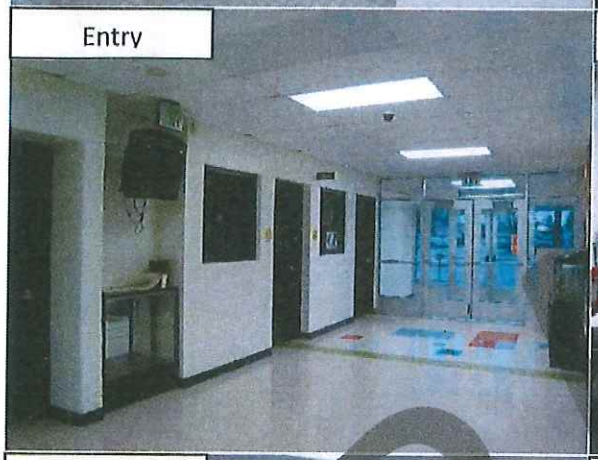

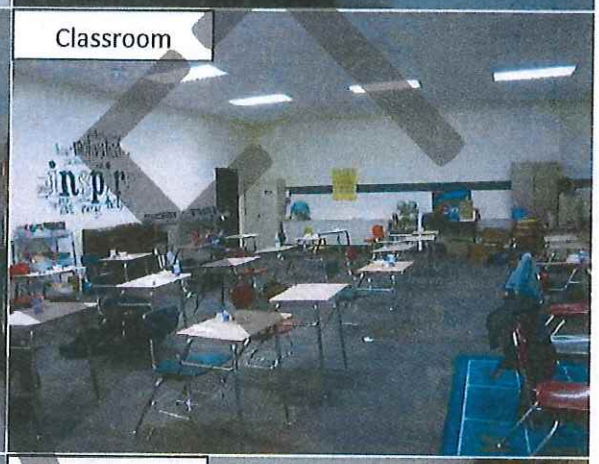

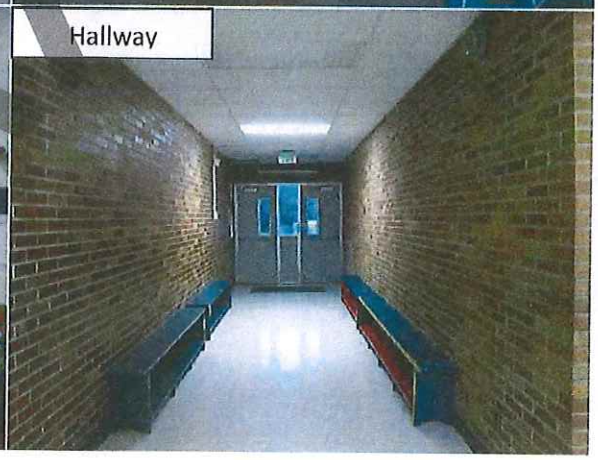

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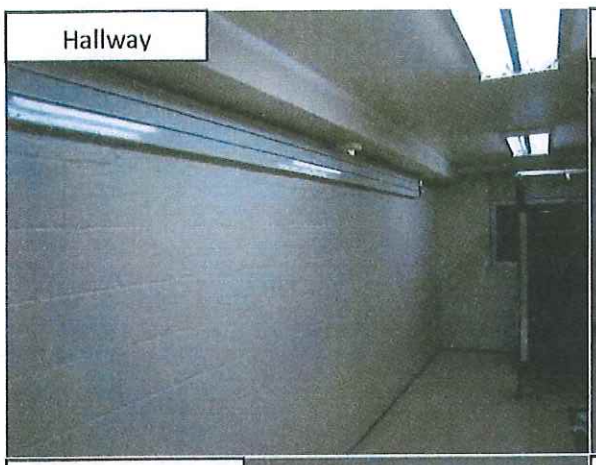

Hallway

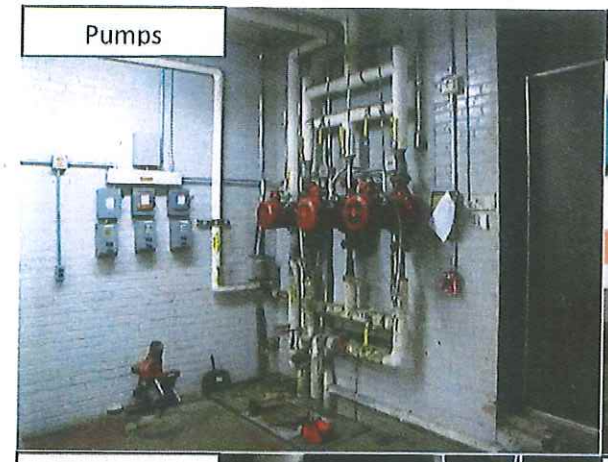
Restroom

Restroom Entry

Classroom

Classroom

Boiler

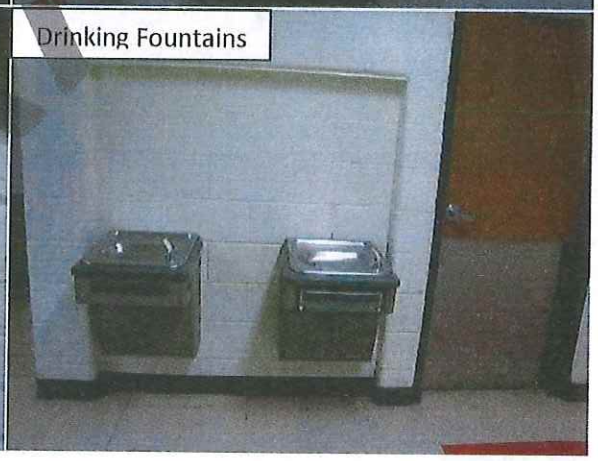

Pumps

Water Heater

Water Feed

HVAC Controls

Extinguisher
sentry


Drinking Fountains

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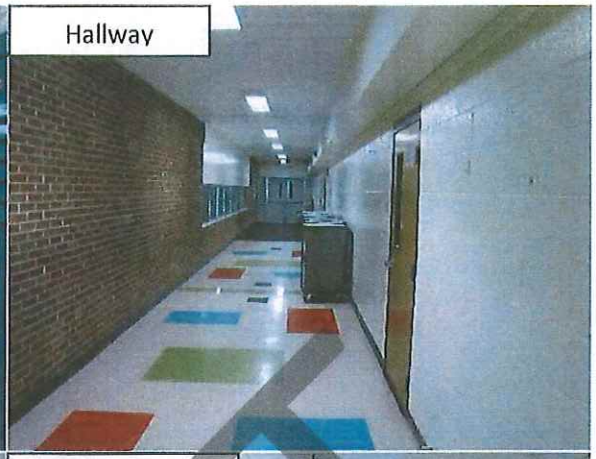
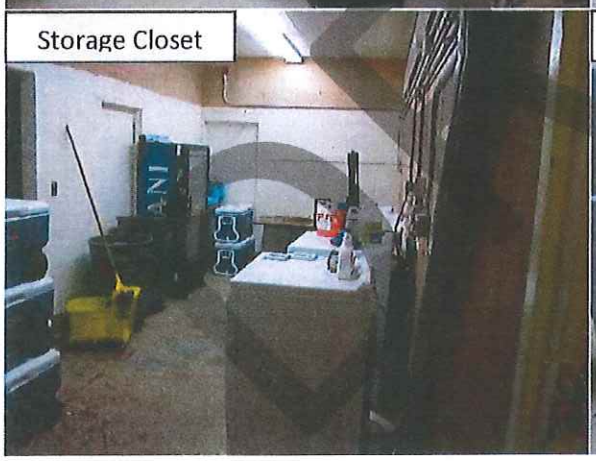
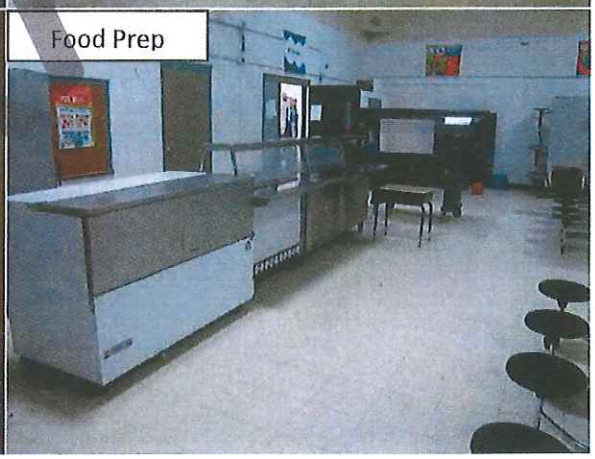
Hallway


Hallway

Kitchen

Walk in Freezer


Storage Closet


Food Prep

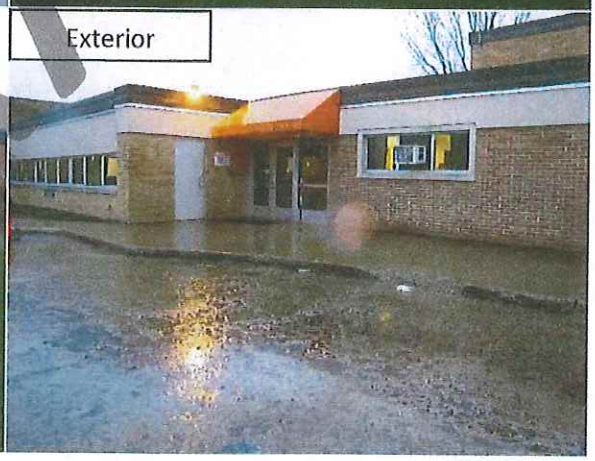
Gymnasium

Gymnasium

Pipe Soffit

Exterior

Exterior


Exterior

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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	International Academy at Hull	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	1716 Territorial Rd., Benton harbor, 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	2/7/2017	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				
	Paving Parking Lot (Asphalt / Concrete)		3				
	Curbing		3				
	On-Site Signage		3				
	Pedestrian Access (Michigan Barrier Free & Safety)		3				
Site Facilities							
	Loading Dock					N/A	
Michigan barrier free Compliance							
	Handicap Parking		3				
	Accessible Entry		3				
	Exterior Ramps and walks		3				
	Barrier free route (ROW - Sidewalk to Bldg. Entry)		3				
	Building Entry		3				
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		3				
	Leakage		3				
	Ponding Water		3				
	Roof Drains		3				
	Gutters / Downspouts		3				
Exterior Walls							
	Exterior Finish		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	International Academy at Hull	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	1716 Territorial Rd., Benton harbor, 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	2/7/2017	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
	Expansion / Control Joints		3				
	Thermal Condition		3				
	Soffits						
	General Appearance		3				
Doors / Windows / Louvers							
	Windows		3				
	Louvers and Vents						
	Main Entry Doors		3				
	Main Entry Hardware		3				
	Other Exterior Doors		3				
	Other Exterior Door Hardware		3				
General							
	Wall Finishes (Classrooms)		3				
	Wall Finishes (Corridors)		3				
	Wall Finishes (Restrooms)		3				
	Wall Finishes (Others)					N/A	
	Ceilings		3				
	Cabinetry					N/A	
	Moveable / Operable Walls					N/A	
Interior Doors							
	Door & Frame Condition		3				
	Hardware Condition		3				
	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				

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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
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new
2	FAIR	Average wear for building age; not new but no issues	Violations-90 days
1	POOR	Worn from use -end of expected lifecycle	Violations-45 days
0	CRITICAL	Extremely worn or damaged	Violations / Imminent danger or inoperable

SCHOOL NAME	International Academy at Hull
ADDRESS	1716 Territorial Rd., Benton harbor, MI
BUILDING	
SURVEY DATE	2/7/2017
SURVEYORS	Mike Holsinger & Todd Perry

		4	3	2	1	0	COMMENTS / RECOMMENDED ACTION
	VCT		3				
	Tile		3				
	Terrazzo					N/A	
	Wood					N/A	
	Sealed Concrete		3				
Stairs							
	Landing finish		3				
	Stair treads		3				
	Stair nosings		3				
	Handrails		3				
Toilet Rooms							
	Flooring		3				
	Walls		3				
	Signage			2			

***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	International Academy at Hull	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	1716 Territorial Rd., Benton harbor, MI	ADDRESS
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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)		3				
	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				
	Pumps (VFD / Sound / Suction Pressure)		3				
	Plant Piping & Valves (Corroded/Isolation valves)		3				
	Campus Piping & Valves (Corroded/Isolation valves)		3				
	Boiler Room E-Stop					N/A	
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)			2			
	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				

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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	
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	
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SCHOOL NAME	International Academy at Hull
ADDRESS	1716 Territorial Rd., Benton harbor, MI
BUILDING	
SURVEY DATE	2/7/2017
SURVEYOR	Mike Holsinger & Todd Perry

			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				2			
	Locker Rooms							
	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)						N/A	
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	International Academy at Hull	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)		3				
	Grease (Indoor/outdoor, Interceptor)		3				
	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	International Academy at Hull	SCHOOL NAME
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		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	International Academy at Hull	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	1716 Territorial Rd., Benton harbor, 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	2/7/2017	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				
	Pumps (VFD / Sound / Suction Pressure)		3				
	Plant Piping & Valves (Corroded/Isolation Valves)		3				

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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	International Academy at Hull	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	1716 Territorial Rd., Benton harbor, 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	2/7/2017	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	International Academy at Hull	SCHOOL NAME
3	GOOD	Good condition; no reported issues or concerns	No issues / violations or adverse conditions other than new	1716 Territorial Rd., Benton harbor, 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	2/7/2017	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)		3				
	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				
	Corridor / Common Areas		3				
	Restrooms		3				
	High Bay Areas		3				
	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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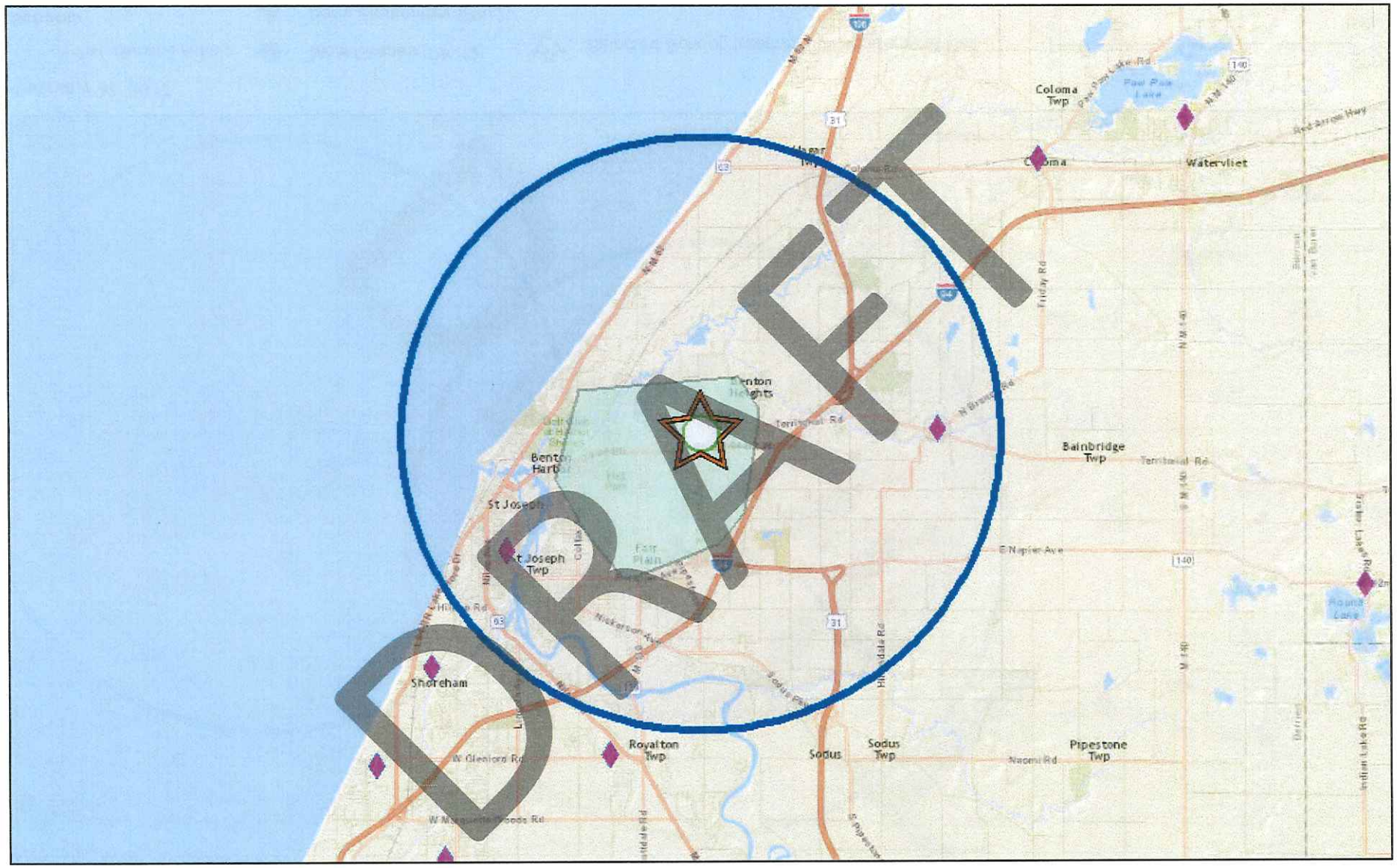
International Academy @ Hull: Qualified Schools Within 5 Miles



February 17, 2017

Est. Service Area

Schools

Elementary School

Most Grades (PK-12)

Early Elementary (PK-2)

Selected School: International Academy at Hull

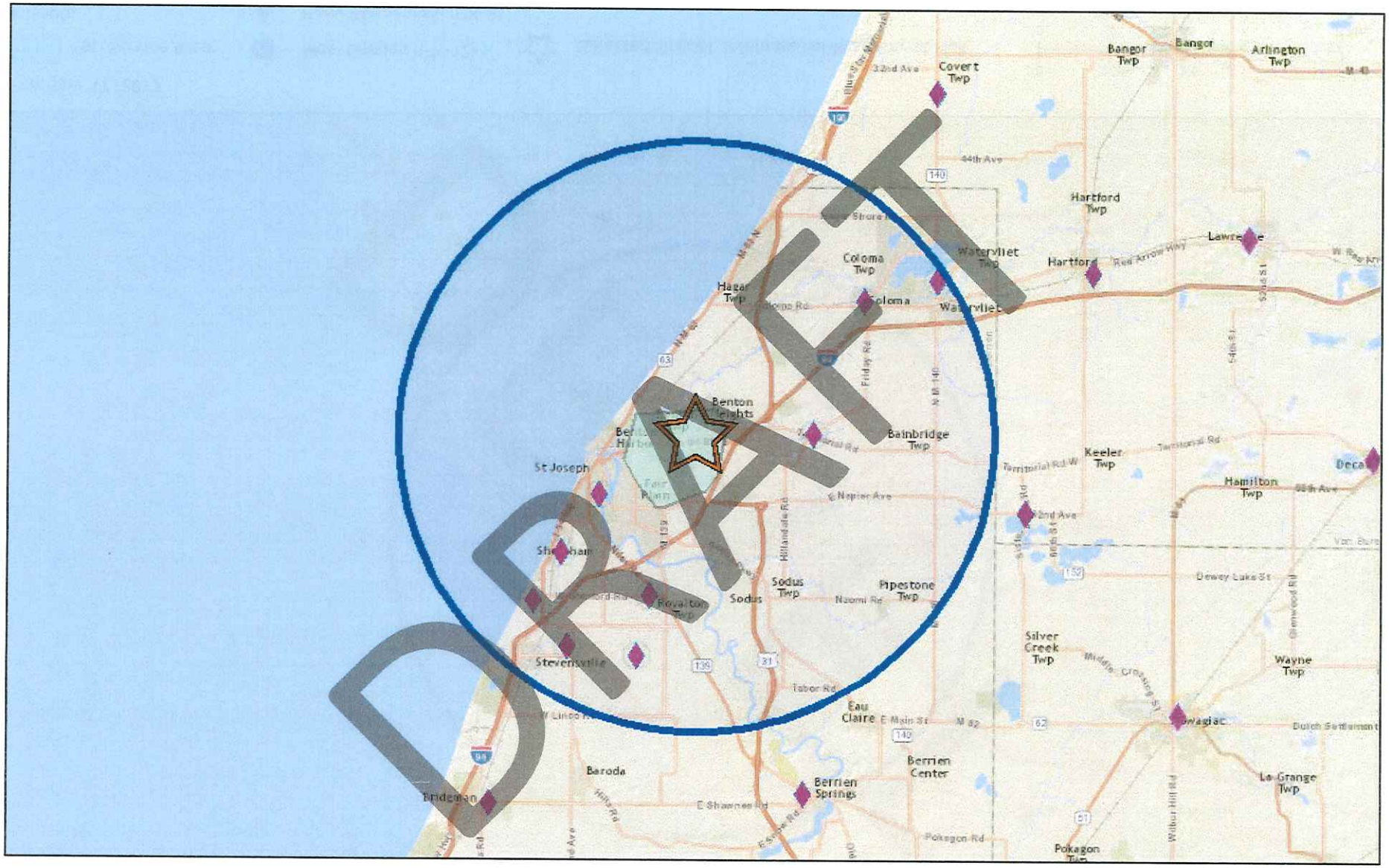
0 1.25 2.5 5 mi

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©)

International Academy @ Hull: Qualified Schools Within 10 Miles



February 17, 2017

Est. Service Area

Schools

Elementary School

Most Grades (PK-12)

Early Elementary (PK-2)

Selected School: International Academy at Hull

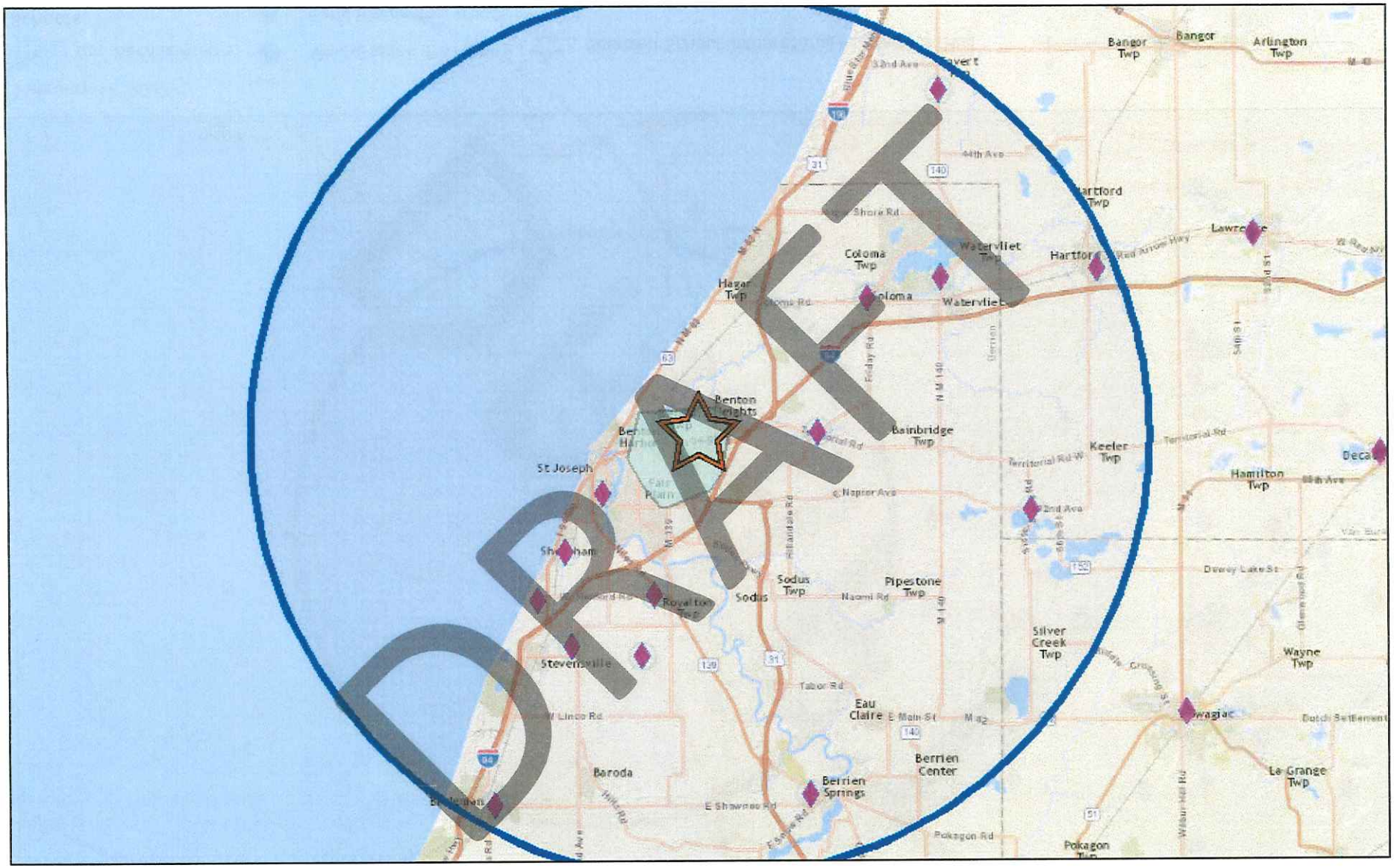
0 2.5 5 10 mi

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©)

International Academy @ Hull: Qualified Schools Within 15 Miles



February 17, 2017

Est. Service Area

Schools

Elementary School

Most Grades (PK-12)

Early Elementary (PK-2)

Selected School: International Academy at Hull

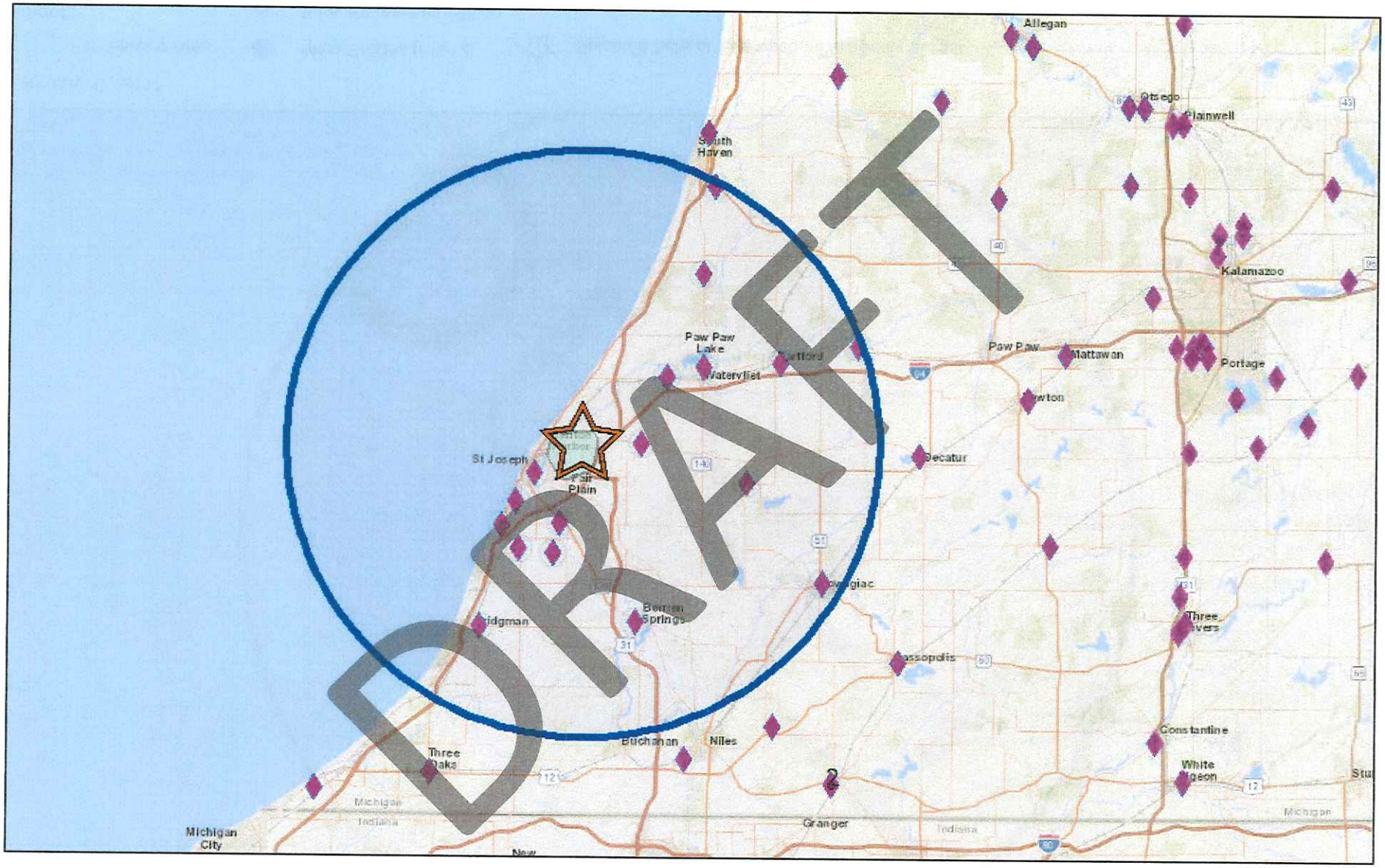
0 2.5 5 10 mi

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

International Academy @ Hull: Qualified Schools Within 20 Miles



February 17, 2017

Est. Service Area

Schools

Elementary School

Most Grades (PK-12)

Early Elementary (PK-2)

Selected School: International Academy at Hull

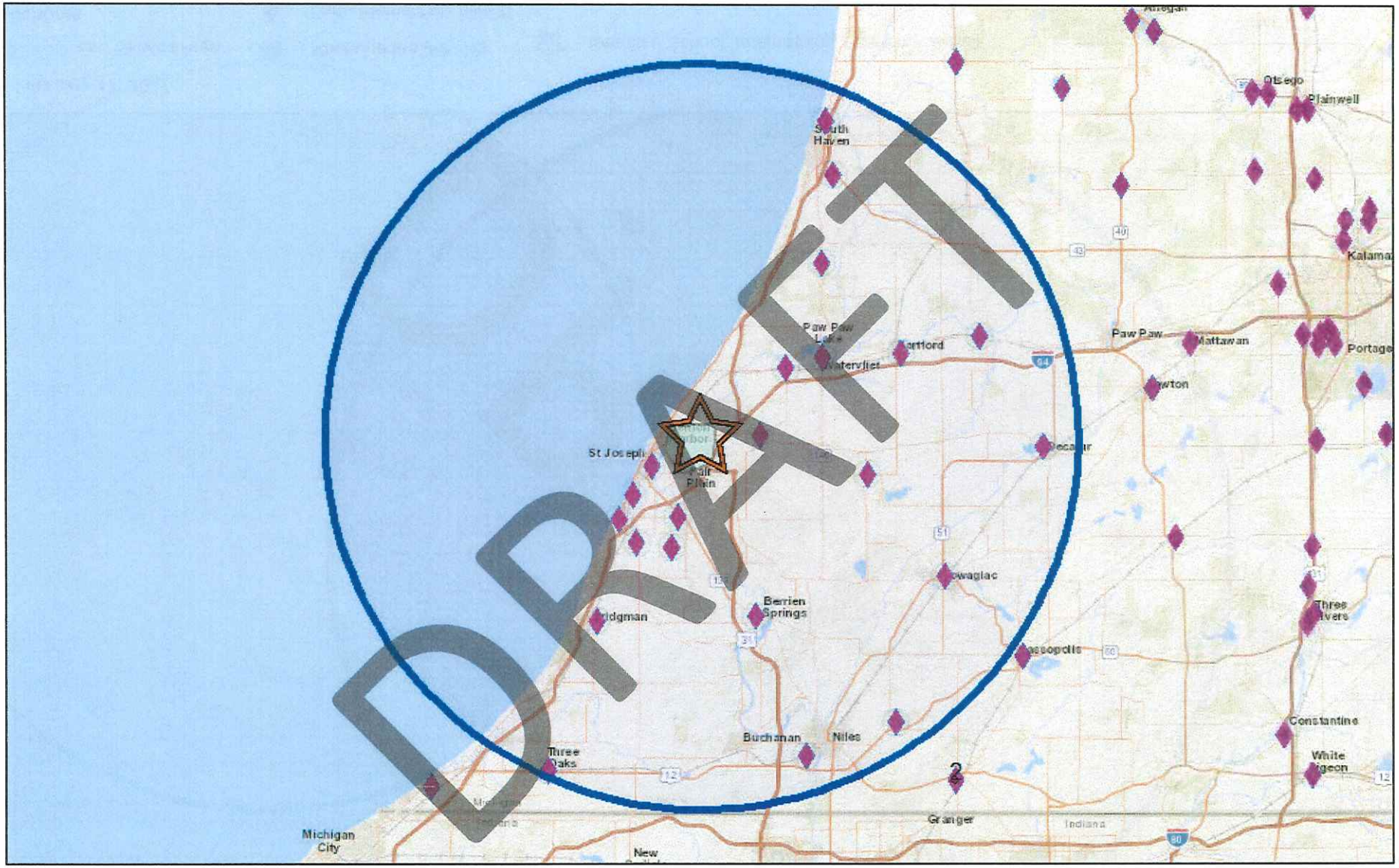
0 5 10 20 mi

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©)

International Academy @ Hull: Qualified Schools Within 25 Miles



February 17, 2017

Est. Service Area

Schools

Elementary School

Most Grades (PK-12)

Early Elementary (PK-2)

Selected School: International Academy at Hull

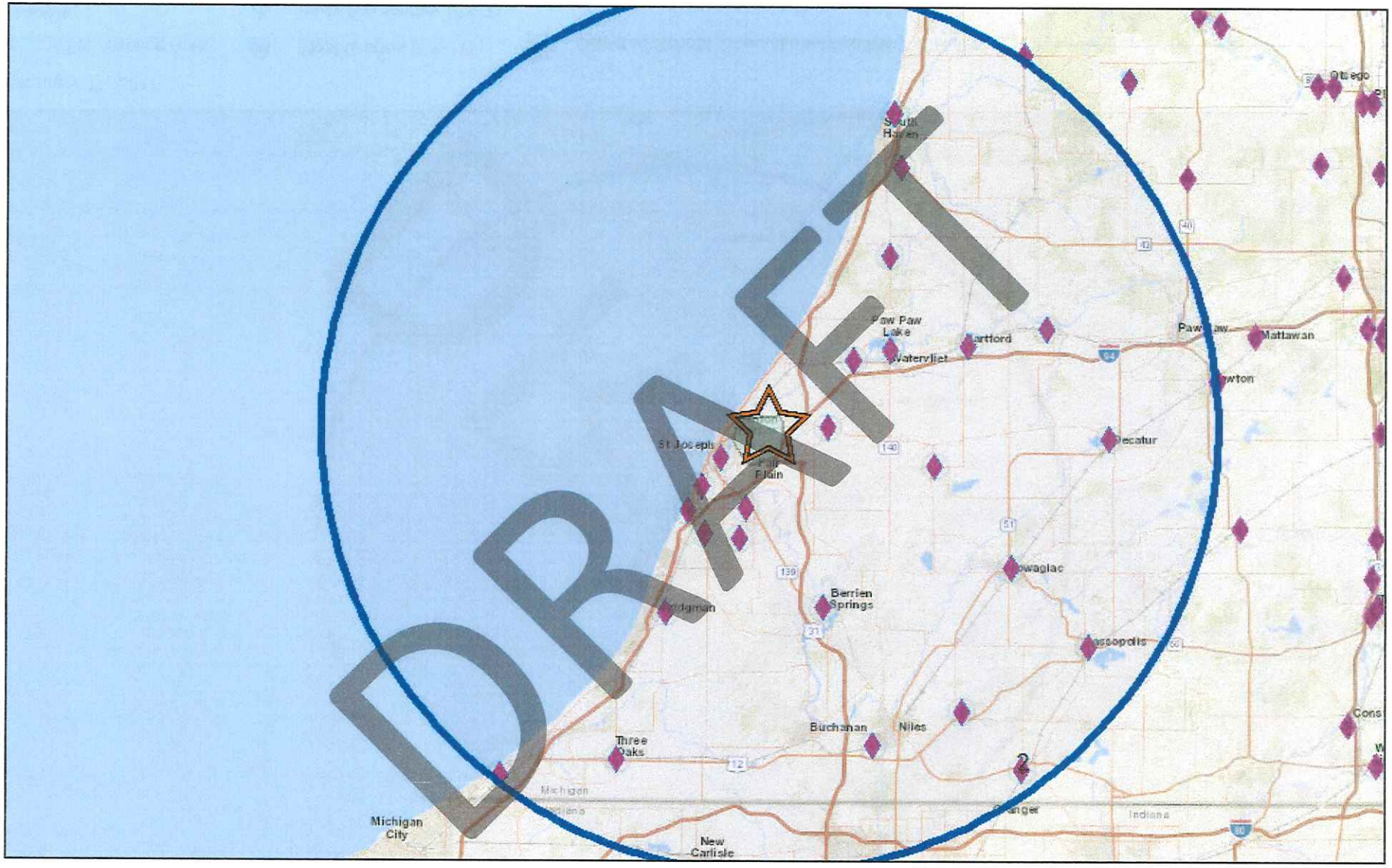
0 5 10 20 mi

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©)

International Academy @ Hull: Qualified Schools Within 30 Miles



February 17, 2017

Est. Service Area

Schools

Elementary School

Most Grades (PK-12)

Early Elementary (PK-2)

Selected School: International Academy at Hull

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

Appendix D: Financial Impact

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Appendix C: Financial Impact

Schools Identified for the Next Level of Accountability Outstanding Obligations		
Benton Harbor Area Schools		
Loan Type	**Loan Balance**	**Maturity**
Emergency Loan	$1,870,000.00	2/4/2029
Emergency Loan	$3,300,000.00	5/18/2031
Emergency Loan	$515,000.00	7/11/2026
Emergency Loan	$1,230,000.00	7/11/2026
Emergency Loan	$1,400,000.00	7/11/2026
Emergency Loan	$4,400,000.00	7/11/2031
2002B LGLP- AMBAC	$785,000.00	5/1/2022
2007A LGLP-INS/AMBAC	$980,000.00	5/1/2022
2016 SAN C-3	$7,509,000.00	8/21/2017
2012-13 Series I	$515,000.00	10/20/2026
2013-14 Series I	$1,230,000.00	10/20/2026
2014-15 Series I	$1,400,000.00	10/20/2026
2015-16 Series I	$3,300,000.00	10/20/2031
2016-17 Series I	$4,400,000.00	10/20/2031
Total	$32,834,000.00	

Source: Michigan Department of Treasury

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Appendix C: Financial Impact

Schools' Potential Losses from School Closures						
Benton Harbor Area Schools						
Schools	**Allowance**	**Student Count (Losing)**	**Foundation (Losing)**	**Student Count (Total)**	**Foundation (Total)**	**% of Foundation**
Dream Academy, Benton Harbor Area Schools	$ 7,511	110	$ 826,210	2,256.32	$ 16,947,219.52	4.88%
International Academy at Hull, Benton Harbor Area Schools	$ 7,511	444	$ 3,334,884	2,256.32	$ 16,947,219.52	19.68%
STEAM Academy at MLK, Benton Harbor Area Schools	$ 7,511	421	$ 3,162,131	2,256.32	$ 16,947,219.52	18.66%
TOTAL	$ 7,511	975	$ 7,323,225	2,256.32	$ 16,947,219.52	43.21%

Benton Harbor 2016 Federal Revenues		
	General Fund	$ 4,434,514.43
	Food Service	$ 2,141,024.87
	Total	$ 6,575,539.30

Source: Michigan Department of Treasury