DEARBORN SCHOOLS

Students First

Inspire, Educate, Celebrate

High School Capacity, Enrollment, & Boundaries

Board Study Session
March 1, 2018

Boundaries, Capacity, and Enrollment Timeline

Discussion Begins

May 2017

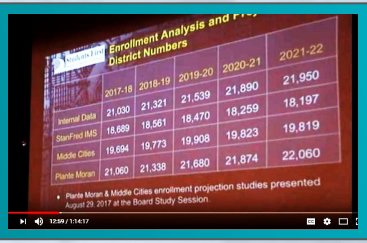
First Study Session

August 2017

Presentations Continue

September October 2017

Community Forums



October November 2017

Board Plans For Next Steps

December 2017

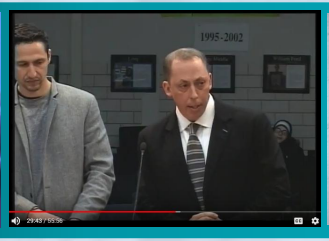
A Special Report or Discussion item has appeared on every Board agenda since the topic was first discussed in May 2017.

Boundaries, Capacity, and Enrollment Timeline

Community Forum Feedback Presented

January 2018

Additional Options Brought Forward



February 2018

Board Study Session

March 2018

Solution To Address High School Capacity

Solution To Address Infrastructure

Approve By March 12, 2018

Financial Discussion - Millage Impact

Tax is based upon the Taxable Value of the District and construction costs

- Current Taxable Value - $3,321,364,149
- Millage rates are equal $1 for every $1,000 of taxable value-
  - Example: A 1 mill tax would raise annually $3,321,364
  - If life was simple, you could divide the amount needed by the millage rate to determine the cost of what you would need to levy with the millage.

Financial Discussion - Millage Impact

Items impacting the calculation:

- Cost of the project initially
  - Construction is typically finished in 12-18 months depending on the complexity and staging of the project
  - The larger the project the longer time it takes to finish

    For example:
    - New foundation work before new roof work
    - Cost of inflation as the project moves towards completion (time value of money)
    - Existing facility being used
    - Planning and phasing of projects

Financial Discussion - Millage Impact

What would a new high school cost:

- Estimated around 2 mills for bonds of $117,500,000
- Factors in calculation:
  - Using a 2% growth in Taxable Value of properties
  - Borrowing rate on Bonds of 5%
  - Payback of 20 years
- What does it mean for household:
  - House value of $75,000 - $ 75 annually
  - House value of $100,000 - $100 annually
  - House value of $150,000 - $150 annually

Financial Discussion - Millage Impact

- **Other factors for consideration**
  - Current Infrastructure needs
    - $162 Million in future needs in the next 3-10 years
      - This includes roofs, domestic water & gas lines, interior finishes (floors), building envelope (tuckpointing, brick, etc..), parking lots, walkways, kitchens, bathrooms, boilers, HVAC, etc..
      - Technology Infrastructure
      - Security and Safety

Financial Discussion - Millage Impact

- **Opportunity similar to 2014**
  - Refunded Bonds in 2016 to save taxpayers $3.6 million in future payments
  - Opportunity to address infrastructure and long term capacity issues in 2019 with a new bond program
    - No mill increase in debt millage
    - $175 million to address construction/replacement of district infrastructure or new construction
    - Current millage would remain in place through 2040 based upon a conservative 2% TV growth and 5% interest rates.

Building Square Footage and History

School	Sqr.Ft.	Year Built	Renovation
DuVall	33,200	1921	1947,50,58,60
Salina Int.	98,040	1921	1952,58,95,2002
Henry Ford Elem.	75,890	1925	1929,98,2015
Transportation	19,897	1925	
Oakman	46,700	1926	1992
Fordson	372,583	1927	1952,59,78,2003
Lowrey	221,640	1927	1954,1960
McDonald	53,471	1927	
Whitmore-Bolles	55,830	1927	1950,58,2015
Lindbergh	38,060	1928	1938,55
Woodworth	139,400	1928	1937,55,63,73,94,2016

Building Square Footage and History

School	Sqr.Ft.	Year Built	Renovation
Maple	60,500	1929	1936
Howard	36,220	1944	1945,49,54
ASC	54,700	1945	1950,59,92
Long	34,830	1945	1955
Nowlin	37,060	1945	1950,53
Haigh	45,600	1947	1949,50,51,52,54,65,69
Bryant	180,950	1951	2015
Snow	62,170	1952	1955,2015
O.L. Smith	128,400	1954	
Edsel Ford	241,562	1955	1962,73,2003
Dearborn High	234,335	1957	1962,82,2003

Building Square Footage and History

School	Sqr.Ft.	Year Built	Renovation
River Oaks	38,000	1960	2016
Stout	155,922	1960	1998,99
Becker	36,300	1992	
William Ford	62,200	1992	2015
Miller	70,200	1996	
Cotter	32,500	1999	
Salina Elem.	78,000	2003	
McCollough-Unis	207,319	2004	
Berry Career Ctr	63,063	2005	2013,14
Geer Park	38,480	2005	2015
Service Building	80,000	Unknown	

Current High School Boundaries

Dearborn High

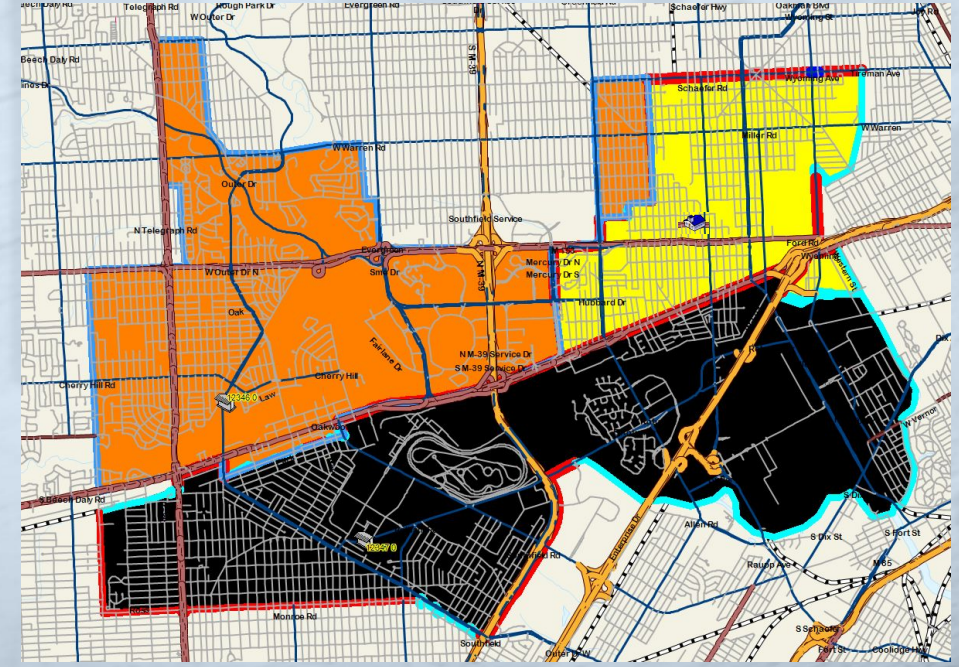
Bryant- All
Smith- About 50
Unis- 40
Stout- About ½ (Maples area)

Edsel Ford

Salina- All
Smith- Majority of students
Stout- About ½
(Snow area, a few from Woodworth)

Fordson

Lowrey- All
Woodworth- 95%
Unis- 90%
Stout- About 20 students

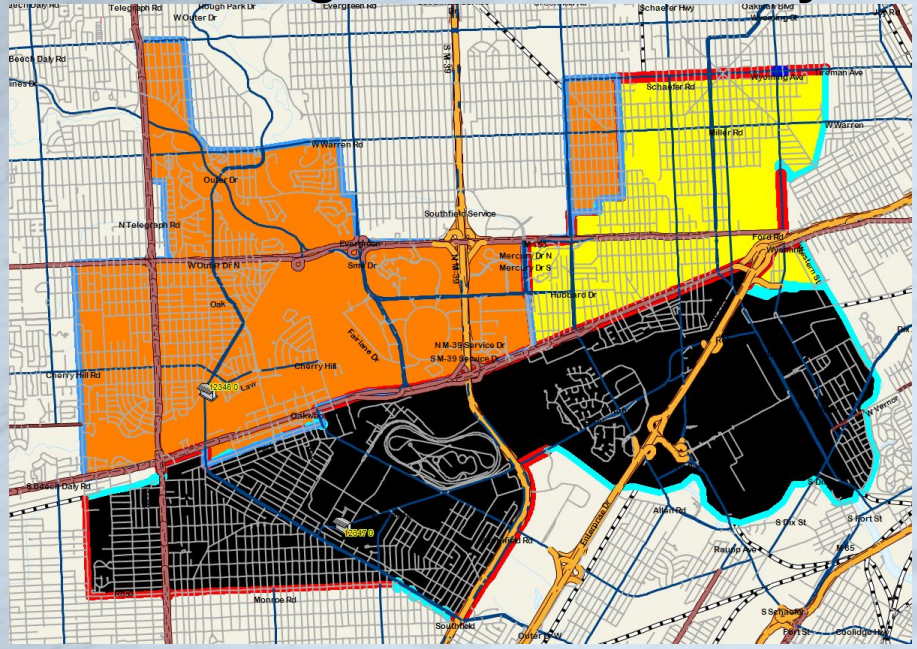


Proposal #1

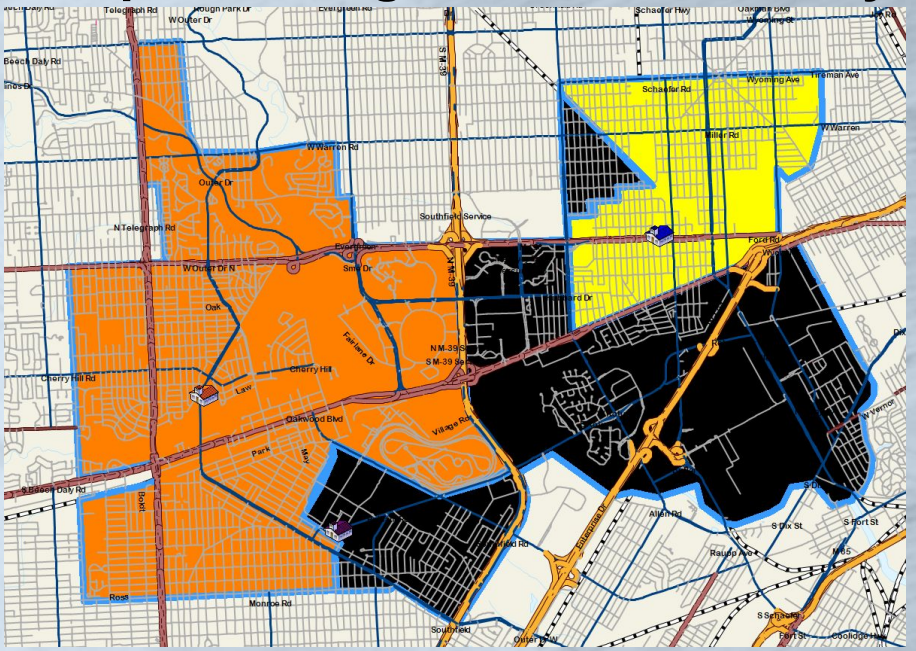
	DEARBORN	EDSEL FORD	FORDSON
Grades 9-12	Bryant: 270 =1080	Salina: 120 = 480	Lowrey: 190 = 760
	Smith: 190 = 760	Stout: 290 = 1160	Unis: 215 = 860
		WW: 50 = 200	WW: 260 = 1040
	STEM: 15 = 60	STEM: 10 = 40	STEM: 30 = 120
TOTALS	**1900**	**1880**	**2780**

Proposal #1

Current High School Boundary



Proposal 1 High School Boundary

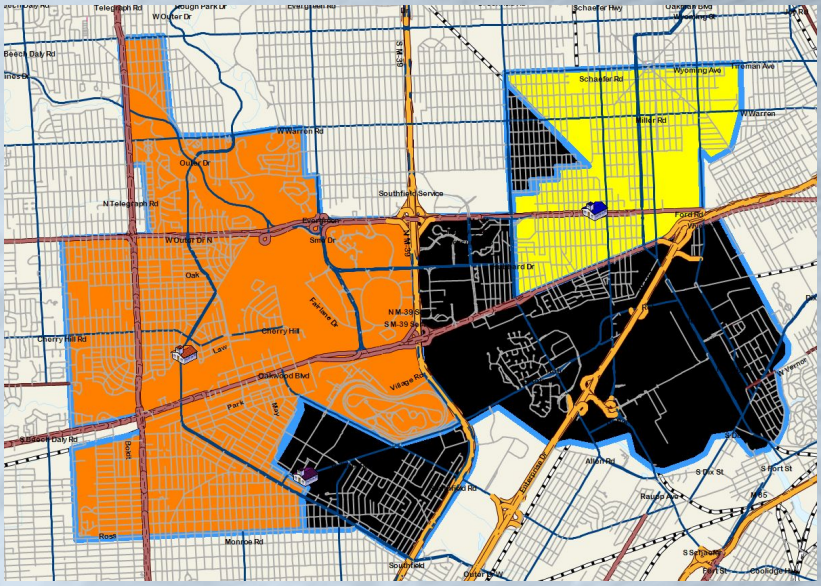


- **CHANGES:** Smith, Stout, Unis, Woodworth
- **SPLIT SCHOOLS:** Woodworth
- **TRANSPORTATION:** No change in busing services - DHS:14 to 4 & EFHS:10 to 20
- **CONSTRUCTION:** Solution would likely require EFHS expansion & 4 classes at DHS

Proposal #1

Pros-

- More aligned feeder school model supports academics
- Reduce student numbers at Dearborn and Fordson
- Phase in 2018-19 school year



Cons-

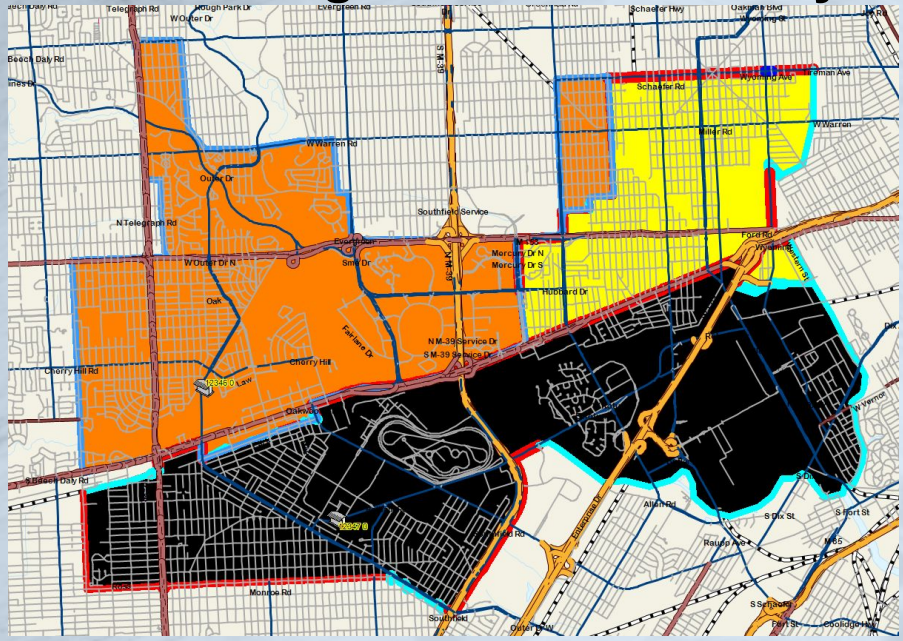
- Moving Smith students to DHS not favored by many in the Edsel Ford community
- Possible loss of school identity at Edsel Ford

Proposal #2

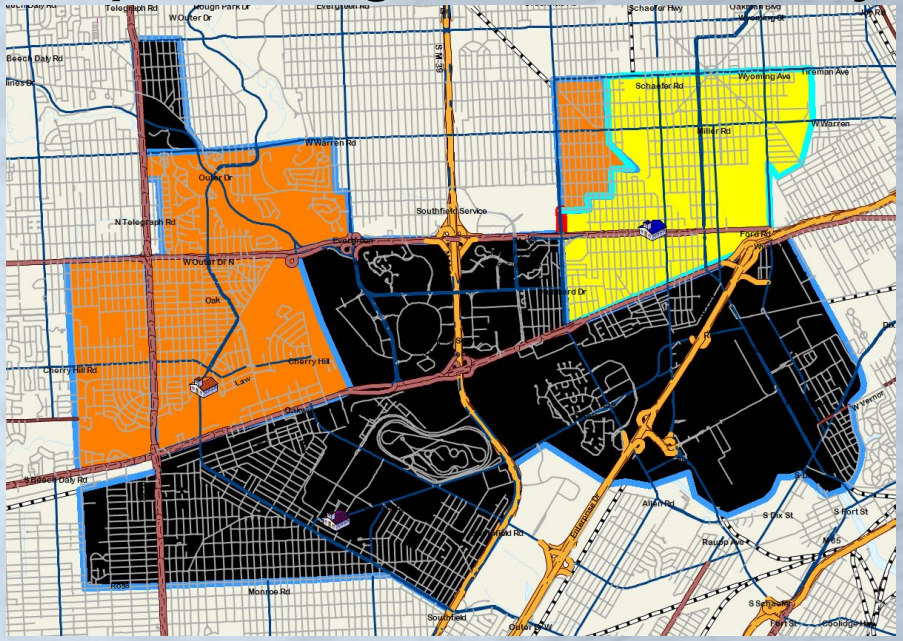
	DEARBORN	EDSEL FORD	FORDSON
Grades 9-12	Bryant: 270 = 1080	Salina: 120 = 480	Lowrey: 190 = 760
	Stout: 125 = 500	Stout: 145 = 580	Stout: 20 = 80
	Unis: 45 = 180	Smith: 190 = 760	Unis: 170 = 680
		WW: 50 = 200	WW: 260 = 1040
	STEM: 15 = 60	STEM: 10 = 40	STEM: 30 = 120
TOTALS	**1820**	**2060**	**2680**

Proposal #2

Current High School Boundary



Proposal 2 High School Boundary



- **CHANGES:** Smith (Park, Nona, Beech Street and River Oaks), Stout (FHS),
- **SPLIT SCHOOLS:** Stout, Unis
- **TRANSPORTATION:** Increase of 2 buses (services per bus $54,000 for a total of $108,000)
- **CONSTRUCTION:** Edsel Ford expansion required & 4 classes at DHS

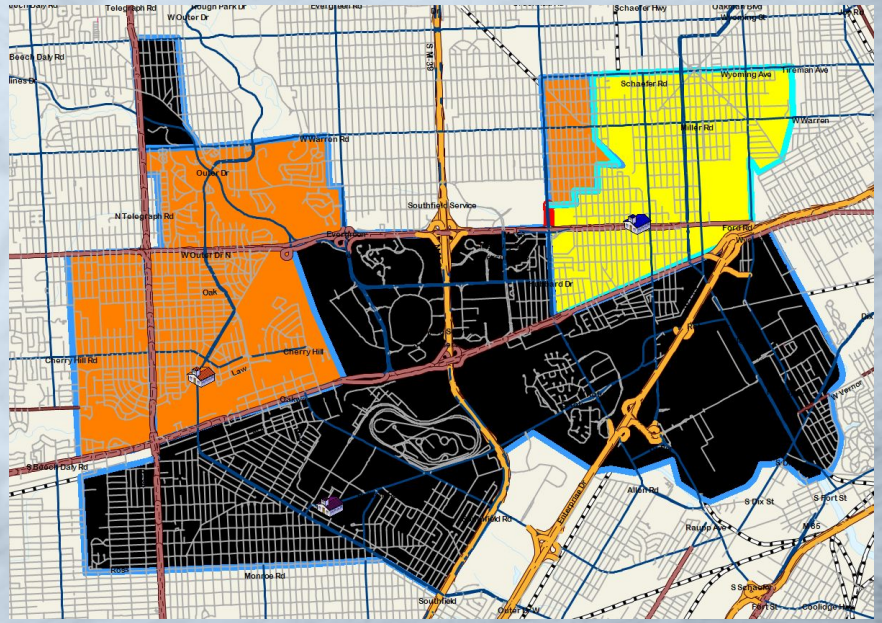
Proposal #2

Pros-

- Maintain Edsel Ford's school identity
- Aligned with Community Forum feedback
- Reduces student numbers at DHS & Fordson
- Phase in 18-19

Cons-

- Less help for feeder model
- River Oaks students attending Smith move from DHS to Edsel Ford

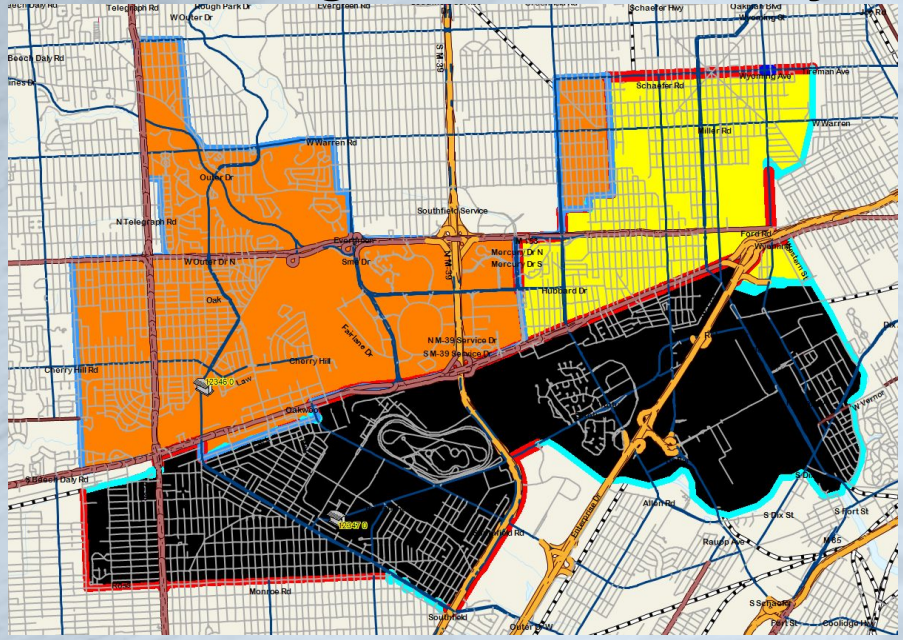


Proposal #3

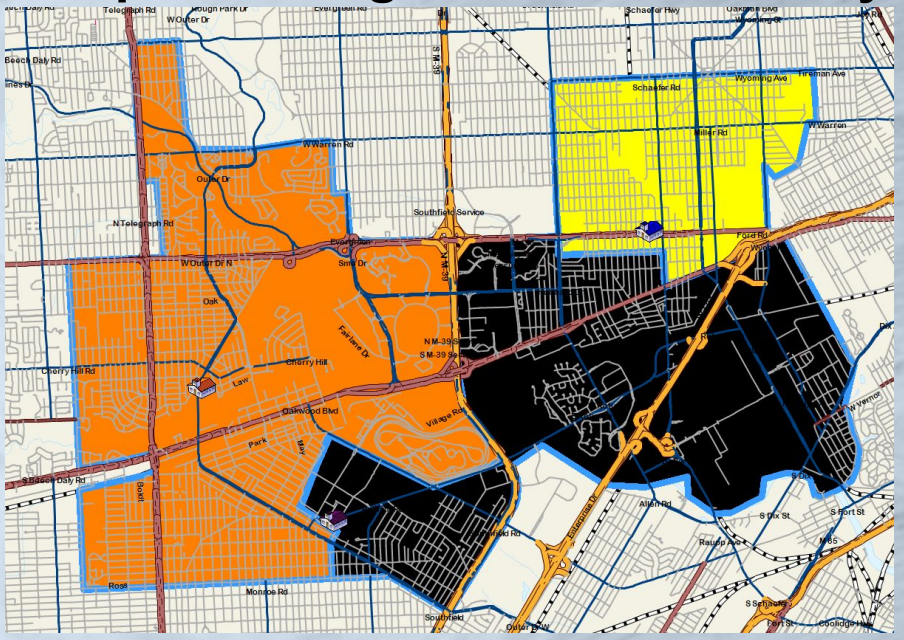
	DEARBORN	EDSEL FORD	FORDSON
	Bryant: 270 = 1080	Salina: 120 = 480	Lowrey: 190 = 760
	Smith: 190 = 760		Unis: 215 = 860
		WW(HF/Miller):190= 760	WW(WF & Miller):120= 480
		Stout: 145 = 580	Stout: 125 = 500
	STEM: 15 = 60	STEM: 10 = 40	STEM: 30 = 120
TOTALS	**1900**	**1860**	**2720**

Proposal #3

Current High School Boundary



Proposal 3 High School Boundary

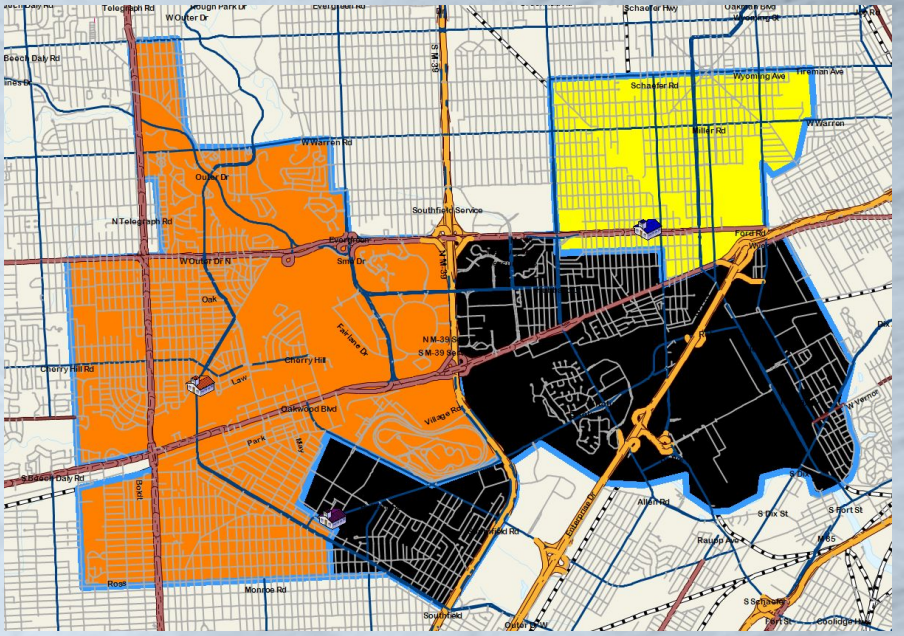


- **CHANGES:** Unis/Stout to FHS, WW/Stout split to EF and FHS
- **SPLIT SCHOOLS:** Stout, Woodworth
- **TRANSPORTATION:** One bus increase, DHS 4 buses, EFHS 21 buses
- **CONSTRUCTION:** Would require EFHS expansion & would likely require 4 classes at DHS

Proposal #3

Pros-

- More aligned feeder school model supports academics
- Reduce student numbers at Dearborn and Fordson
- Phase in 2018-19 school year



Cons-

- Moving Smith students to DHS not favored by many in the Edsel Ford community
- Possible loss of school identity at Edsel Ford

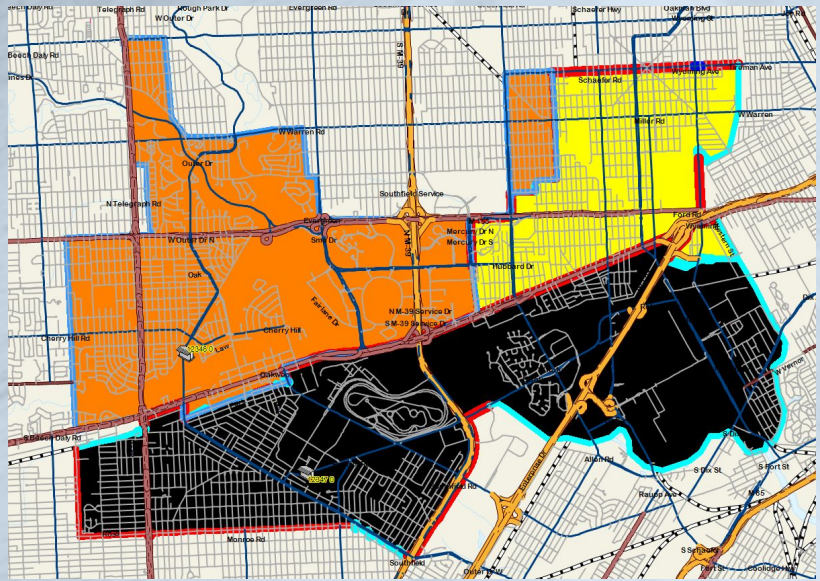
New Proposals As A Result Of Input From Community Forums

Proposal 4

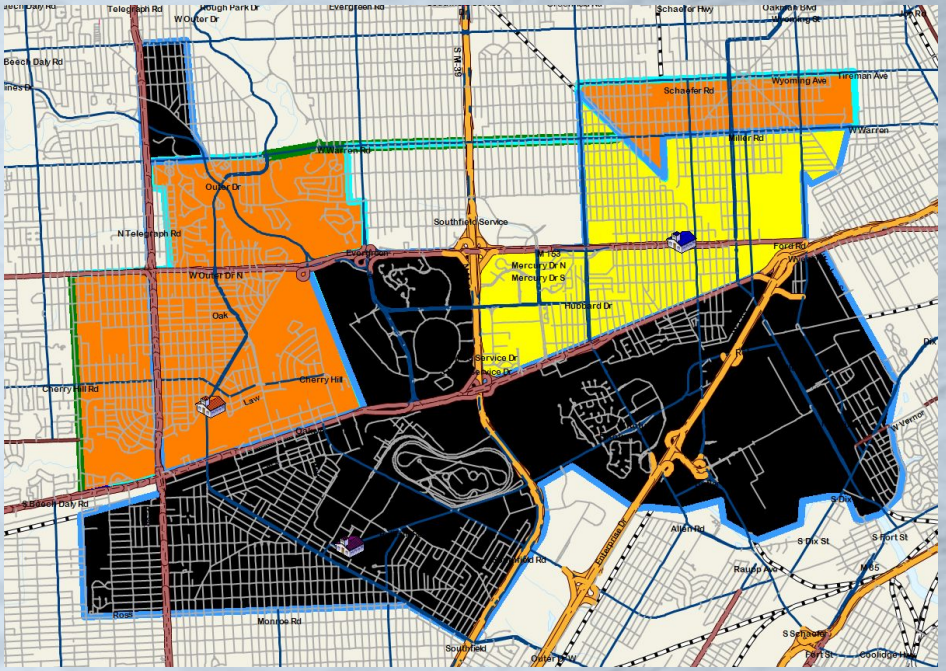
DEARBORN		EDSEL FORD		FORDSON	
Bryant:	1080	Salina:	480	Lowrey:	760
Unis:	860	Smith:	760	Woodworth:	1240
		Stout (½):	580	Stout (½):	580
STEM:	60	STEM:	60	STEM:	100
TOTAL = 2000		**TOTAL = 1880**		**TOTAL = 2680**	

Proposal 4

Current High School Boundary



Proposal 4



Bussing(after 4 year transition):Dearborn High=14, Edsel Ford=12 26 Total (net plus 2)

Construction: Dearborn High, Edsel, Berry Center

Timeline: Fall 2018: 50 from DHS to Edsel Ford (River Oaks area).
Then phase in alignment with construction expansion

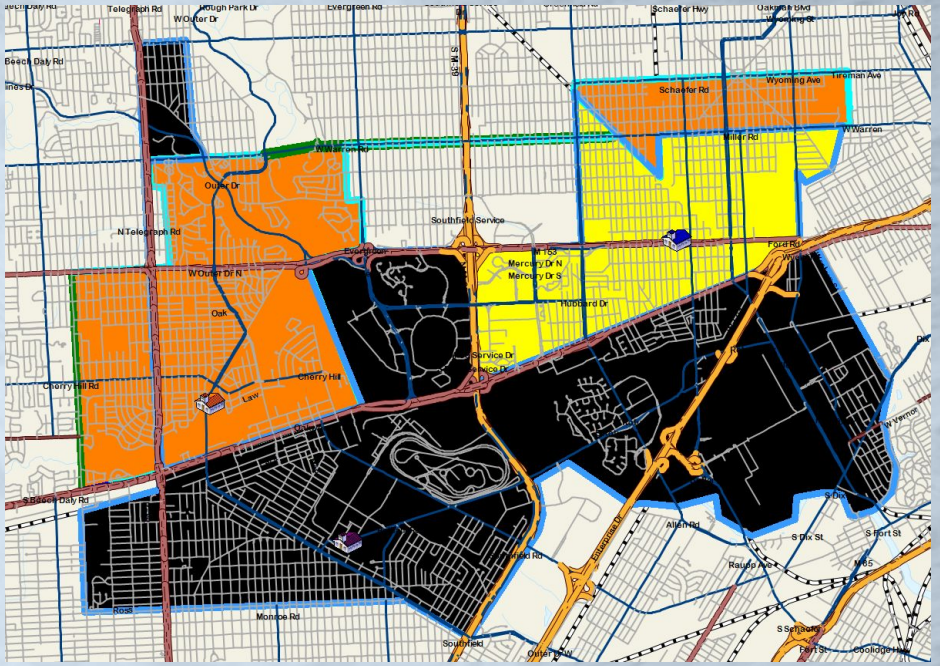
Proposal 4

Pros-

- More aligned feeder school model supports academics
- Phase in starting 2018-19 school year

Cons-

- 2 additional buses needed at Dearborn High
- Not a significant change to DHS or Fordson enrollment

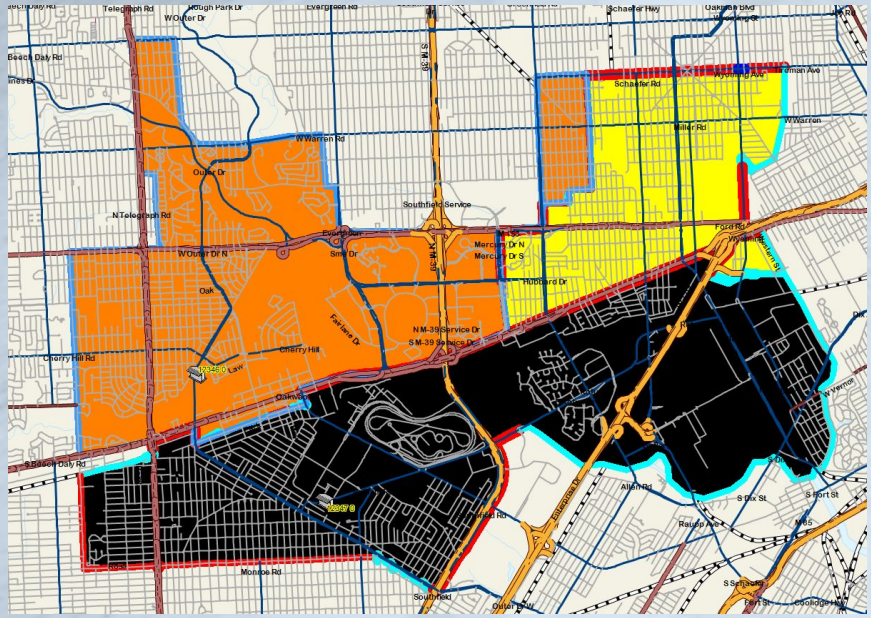


Proposal 5A

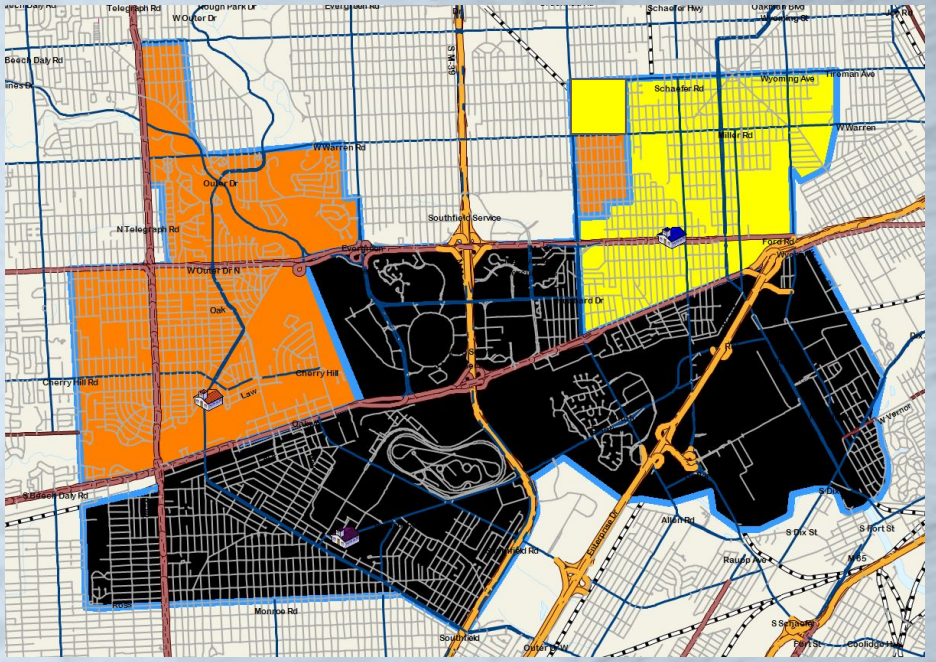
DEARBORN		EDSEL FORD		FORDSON	
Bryant:	1080	Salina:	480	Lowrey:	760
		Woodworth:	200	Woodworth:	1040
Smith (RO)	180	Smith:	580	Unis:	860
Stout:	500	Stout (½):	580	Stout:	80
STEM:	60	STEM:	40	STEM:	120
TOTAL = 1820		**TOTAL = 1880**		**TOTAL = 2860**	

Proposal 5A

Current High School Boundary



Proposal 5A



Bussing (after 4 year transition):Dearborn High=14, Edsel Ford=13 27 Total (net plus 3)

Construction: Dearborn High, Edsel, Berry Center

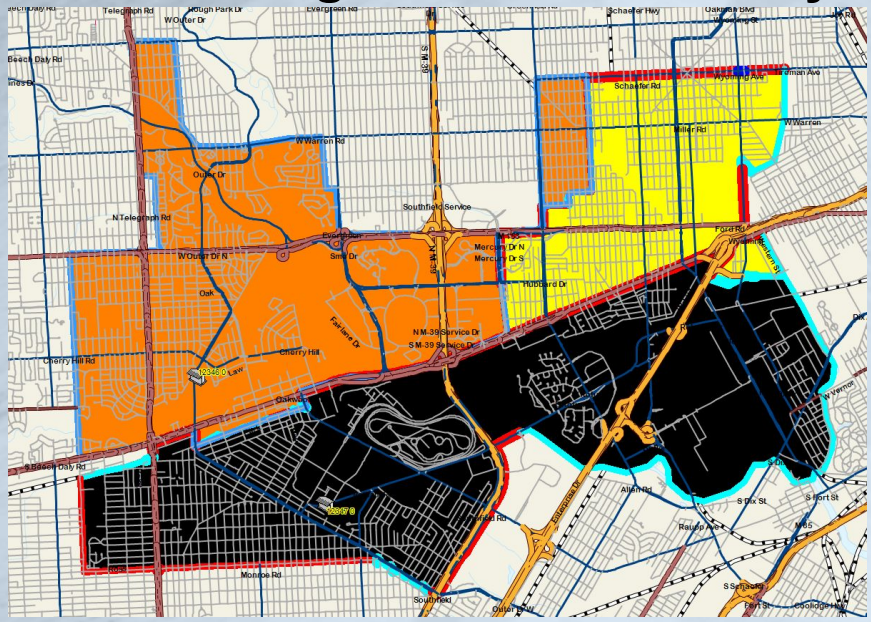
Timeline:

Proposal 5B

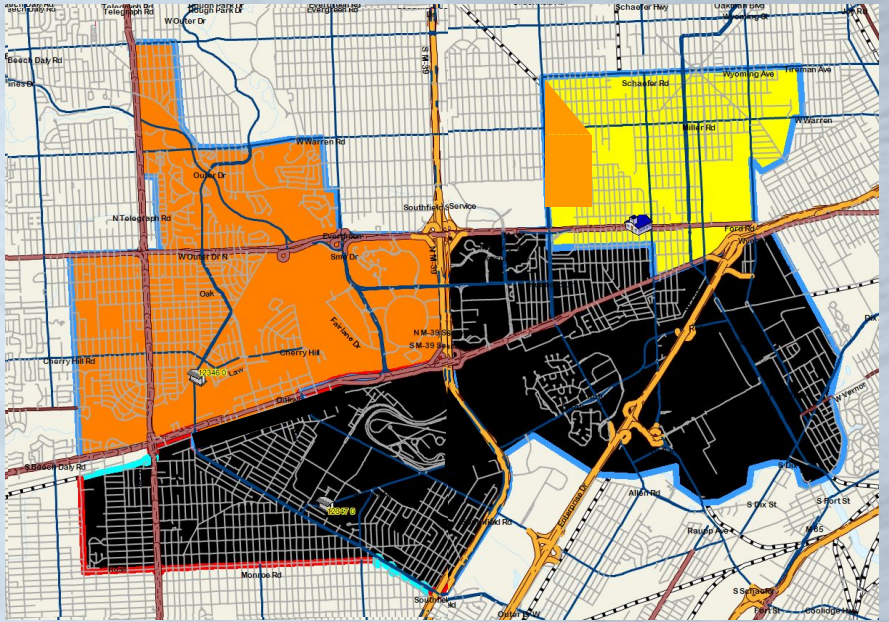
DEARBORN		EDSEL FORD		FORDSON	
Bryant:	1080	Salina:	480	Lowrey:	760
		Woodworth: (H.Ford & Miller)	480	Woodworth: (W.Ford & Miller)	760
Smith (RO)	180	Smith:	580	Unis:	860
Stout:	500	Stout (½):	580	Stout:	80
STEM:	60	STEM:	40	STEM:	120
TOTAL = 1820		**TOTAL = 2160**		**TOTAL = 2580**	

Proposal 5B

Current High School Boundary



Proposal 5B



Bussing (after 4 year transition):Dearborn High=13, Edsel Ford=20 33 Total

Construction: Dearborn High, Edsel, Berry Center

Timeline: Fall 2018: 50 from DHS to Fordson
Then phase in alignment with construction expansion

Proposal 2

DHS	EFHS	FHS
Bryant: 1080	Salina: 480	Lowrey: 760
Stout:500	Stout:580	Stout:80
STEM:60	STEM:40	STEM:120
	WW:200	WW:1040
Unis: 180	Smith:760	Unis:680
TOTAL 1820	**TOTAL 2060**	**TOTAL 2680**

Proposal 5A

DHS	EFHS	FHS
Bryant: 1080	Salina: 480	Lowrey: 760
Stout:500	Stout:580	Stout: 80
STEM:60	STEM:40	STEM:120
	WW:200	WW:1040
Smith:180	Smith:580	Unis:860
TOTAL 1820	**TOTAL 1880**	**TOTAL 2860**

Proposal 5B

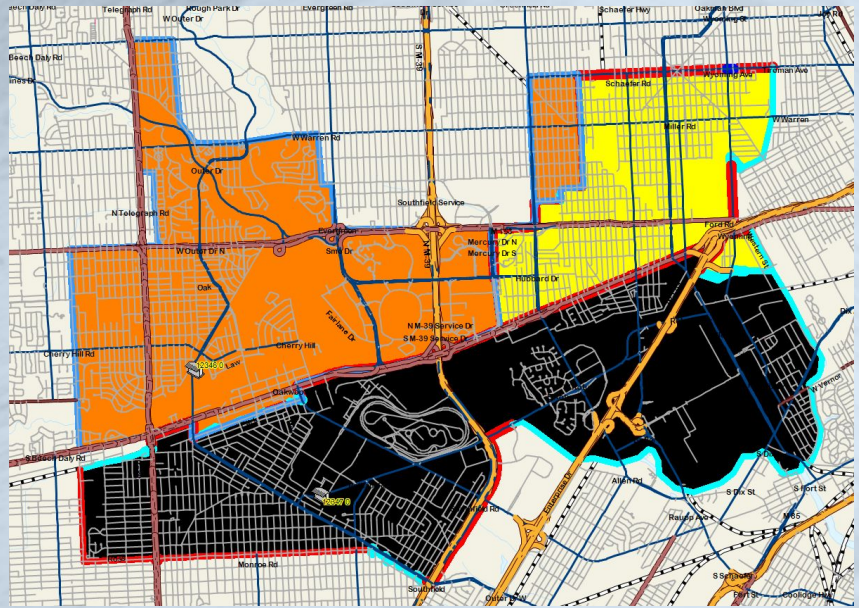
DHS	EFHS	FHS
Bryant: 1080	Salina: 480	Lowrey: 760
Stout:500	Stout:580	Stout: 80
STEM:60	STEM:40	STEM:120
	WW (H.Ford & Miller): 480	WW W.Ford & Miller: 760
Smith:180	Smith:580	Unis:860
TOTAL 1820	**TOTAL 2160**	**TOTAL 2580**

Proposal 6

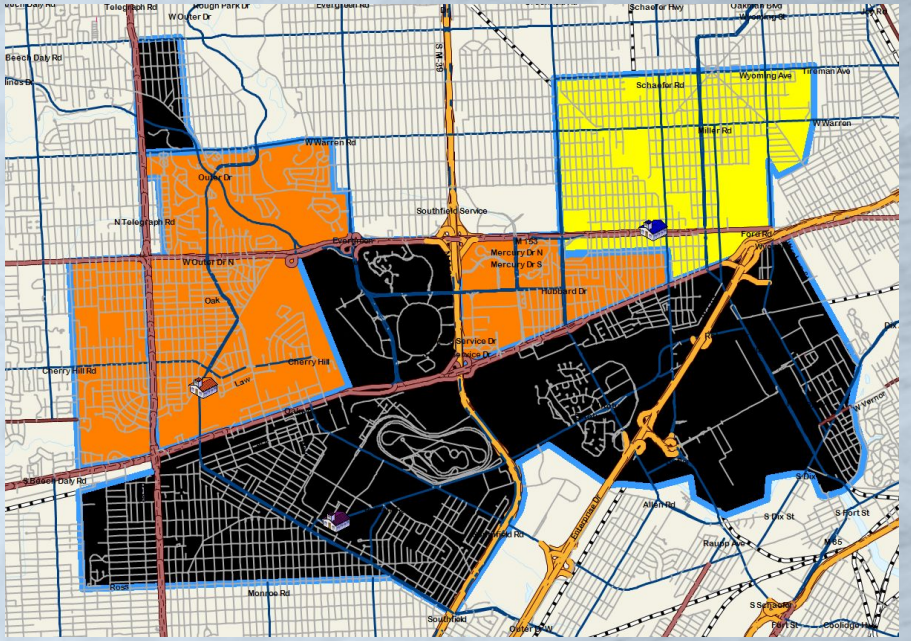
DEARBORN	EDSEL FORD	FORDSON
Bryant: 1080	Salina: 480	Lowrey: 760
Woodworth(HF/Miller): 880		Woodworth(W. Ford): 360
	Smith: 760	Unis: 860
	Stout ½: 580	Stout ½: 580
STEM: 40	STEM: 50	STEM: 130
TOTAL = 2000	**TOTAL = 1870**	**TOTAL = 2690**

Proposal 6

Current High School Boundary



Proposal 6



Bussing (after 4 year transition):Dearborn High=14, Edsel Ford=12 26 Total (net plus 2)

Construction: Dearborn High, Edsel, Berry Center

Timeline: Fall 2018: 50 from DHS (River Oaks area) to Edsel Ford.
45 From DHS (Unis area) to Fordson.
Then phase in alignment with construction expansion

Proposal 7- Ninth Grade Academy

Proposal 8- New High School

Architect & Construction Company Information

Proposal 7- Ninth Grade Academy

DHS		EFHS		FHS / 9th grade	
Bryant	1080	Salina	480	Lowrey	570 / 190
Smith	160	Stout (½)	580	Woodworth	930 / 310
Stout	500	Smith	600	Stout	60 / 20
				Unis	645 / 215
STEM	40	STEM	30	STEM	115 / 35
TOTAL=	1780	TOTAL=	1690	TOTAL =	2320 / 770

DEARBORN SCHOOLS

Students First

Inspire, Educate, Celebrate

High School Capacity, Enrollment & Boundaries