



CCPS Board Work Session: Transportation

February 8, 2017



Carroll County Public Schools
Building the Future

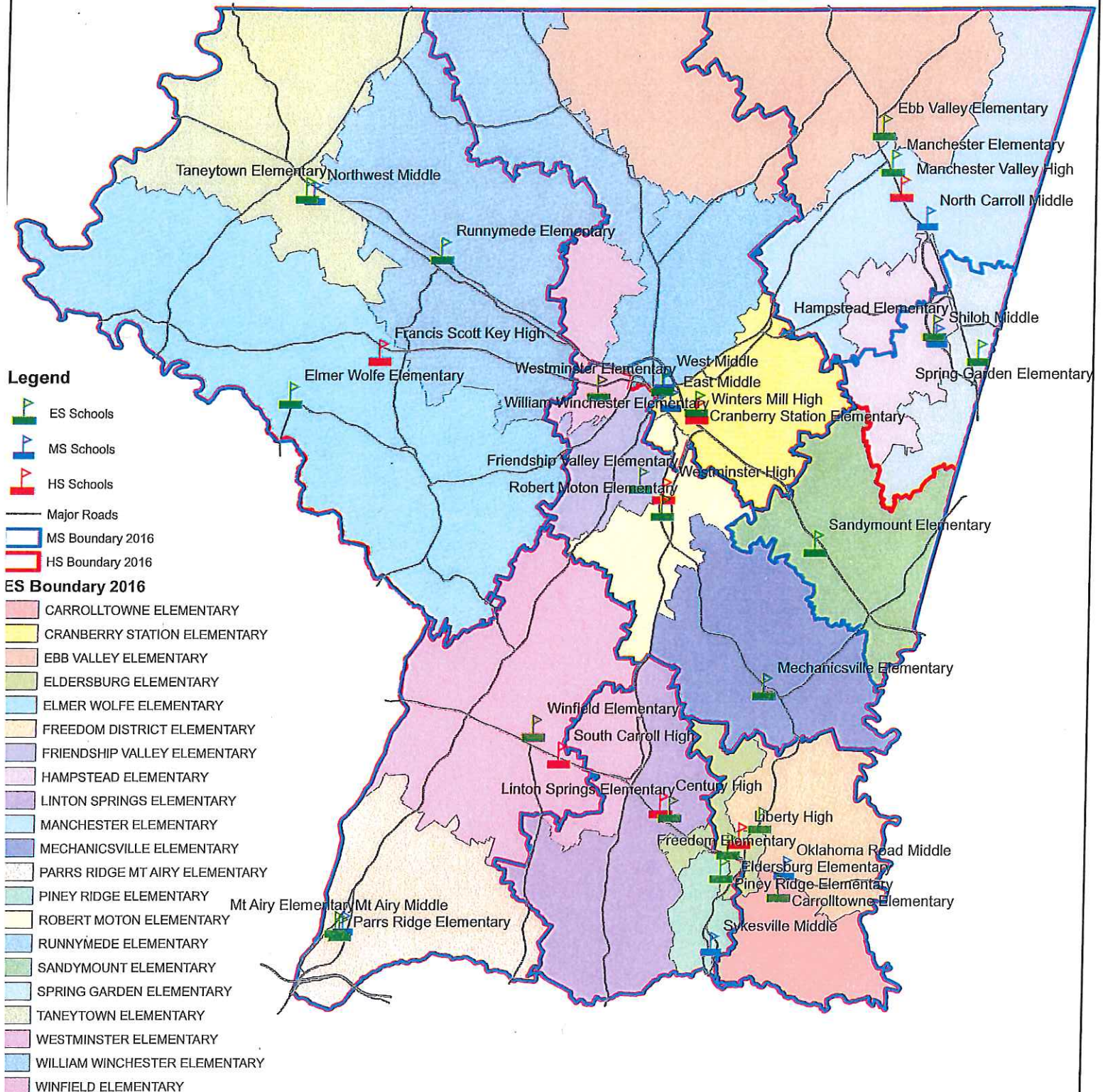


THE TRANSPORTATION PUZZLE THE IMPORTANT PIECES TO BE CONSIDERED

- **LOCATION OF SCHOOLS WITHIN THE SCHOOL BOUNDARY**
- **LOCATION OF STUDENTS**
- **COUNTY ROAD STRUCTURE**
- **SCHOOL FEEDER PATTERNS**
- **LENGTH OF THE SCHOOL INSTRUCTIONAL DAY**
- **ACCEPTABLE STUDENT RIDE TIME**
- **BUS SEATING CAPACITIES**
- **LOCATION OF BUS CONTRACTORS/ NUMBER AND TYPE OF BUSES AVAILABLE**
- **BUS TIERING**
- **LOCATION OF SPECIAL EDUCATION PROGRAMS**
- **DESIGNING EFFICIENT BUS ROUTES/ ESTABLISHING BUS STOPS**
- **CONFORMITY WITH ESTABLISHED POLICIES, PROCEDURES AND BEST PRACTICES**

SCHOOL BOUNDARIES

Carroll County Public Schools Elementary, Middle, and High School Boundaries



COUNTY ROAD MAP

Carroll County Roads



Carroll County has over 1600 miles of Roadway.
CCPS buses travel over 18,000 miles per day on the Carroll County Roads

SCHOOL TIMES

School Arrival and Dismissal Times 2016-2017 School Year

School	Grade	Reg. Time a.m./p.m.	1 Hour	2 Hour	2 ½ Hour	3 Hour
Carrolltowne Elementary	K - 5	9:15 - 3:45	2:45	1:45	1:00	12:45
Cranberry Station Elementary	K - 5	9:15 - 3:45	2:45	1:45	1:00	12:45
Ebb Valley Elementary	K - 5	9:30 - 4:00	3:00	2:00	1:15	1:00
Eldersburg Elementary	K - 5	7:45 - 2:15	1:15	12:15	11:30	11:15
Elmer Wolfe Elementary	K - 5	9:30 - 4:00	3:00	2:00	1:15	1:00
Freedom District Elementary	K - 5	9:00 - 3:30	2:30	1:30	12:45	12:30
Friendship Valley Elementary	K - 5	7:45 - 2:15	1:15	12:15	11:30	11:15
Hampstead Elementary	K - 5	9:15 - 3:45	2:45	1:45	1:00	12:45
Linton Springs Elementary	K - 5	8:35 - 3:05	2:05	1:05	12:20	12:05
Manchester Elementary	K - 5	9:15 - 3:45	2:45	1:45	1:00	12:45
Mechanicsville Elementary	K - 5	9:30 - 4:00	3:00	2:00	1:15	1:00
Mt. Airy Elementary	3 - 5	9:30 - 4:00	3:00	2:00	1:15	1:00
Piney Ridge Elementary	K - 5	9:15 - 3:45	2:45	1:45	1:00	12:45
Parr's Ridge Elementary	K - 2	9:30 - 4:00	3:00	2:00	1:15	1:00
Robert Moton Elementary	K - 5	8:30 - 3:00	2:00	1:00	12:15	12:00
Runnymede Elementary	K - 5	9:15 - 3:45	2:45	1:45	1:00	12:45
Sandymount Elementary	K - 5	9:30 - 4:00	3:00	2:00	1:15	1:00
Spring Garden Elementary	K - 5	7:45 - 2:15	1:15	12:15	11:30	11:15
Taneytown Elementary	K - 5	8:30 - 3:00	2:00	1:00	12:15	12:00
Westminster Elementary	K - 5	9:30 - 4:00	3:00	2:00	1:15	1:00
William Winchester Elementary	K - 5	9:15 - 3:45	2:45	1:45	1:00	12:45
Winfield Elementary	K - 5	9:30 - 4:00	3:00	2:00	1:15	1:00
East Middle	6 - 8	8:35 - 3:10	2:10	1:10	12:25	12:10
Mt. Airy Middle	6 - 8	8:25 - 3:00	2:00	1:00	12:15	12:00
North Carroll Middle	6 - 8	8:30 - 3:05	2:05	1:05	12:20	12:05
Northwest Middle	6 - 8	8:25 - 3:00	2:00	1:00	12:15	12:00
Oklahoma Road Middle	6 - 8	8:25 - 3:00	2:00	1:00	12:15	12:00
Shiloh Middle	6 - 8	8:25 - 3:00	2:00	1:00	12:15	12:00
Sykesville Middle	6 - 8	8:25 - 3:00	2:00	1:00	12:15	12:00
West Middle	6 - 8	8:35 - 3:10	2:10	1:10	12:25	12:10
Century High	9 - 12	7:30 - 2:20	1:20	12:20	11:35	11:20
Francis Scott Key High	9 - 12	7:30 - 2:20	1:20	12:20	11:35	11:20
Liberty High	9 - 12	7:30 - 2:20	1:20	12:20	11:35	11:20
Manchester Valley High	9 - 12	7:30 - 2:20	1:20	12:20	11:35	11:20
South Carroll High	9 - 12	7:30 - 2:20	1:20	12:20	11:35	11:20
Westminster High	9 - 12	7:30 - 2:20	1:20	12:20	11:35	11:20
Winters Mill High	9 - 12	7:30 - 2:20	1:20	12:20	11:35	11:20
Carroll Springs	K - 12	8:35 - 3:05	2:05	1:05	12:20	12:05
Gateway	6 - 12	7:35 - 1:52	12:52	11:52	11:07	10:52
CCC & T Center	9 - 12	7:30 - 3:40				
St. John's Parochial School	K - 8	9:00 - 3:00				
CCC Annex Post Secondary	18 - 21	8:00 - 2:00	1:00	12:00	11:15	11:00

BUS TIERING

**CARROLL COUNTY PUBLIC SCHOOLS
TRANSPORTATION SERVICES DEPARTMENT**

SY 2016-2017 BUS TIERING – REGULAR EDUCATION BUSES

TIER 1

7:30 a.m.- 7:45 a.m.
2:15 p.m. – 2:20 p.m.

TIER 2

8:25 – 8:35 a.m.
3:00 – 3:10 p.m.

TIER 3

9:15 a.m. – 9:30 a.m.
3:45 p.m. – 4:00 p.m.

LHS (18)
ELD (8)
CHS (20)
SCH (21)

MAM (17)
ORM (17)
LSE (14)
SMS (18)

CTE (9)
PRE (11)
FRE (11)
WIN (14)
MAE/PAR (18)

(67)

(66 – 2 w/2nd tier start)

(63)

MVH (27)
SGE (9)

NCM (17)
SHI (17)

HAM (7)
MAN (12)
EVE (14)

(36)

(34)

(33)

FSK (26)

TTE (3)
NOM (13)
TTE/NOM (11)

EWE (12)
RUN (14)

(26)

(27)

(26)

WHS (28)
FVE (9)
WMH (22)

WMS (26)
RME (9)
EMS (18)

WES (8)
MEC (12)
WMW (11)
CSE (10)
SME (9)

(59)

(53)

(50)

(188)

(177)

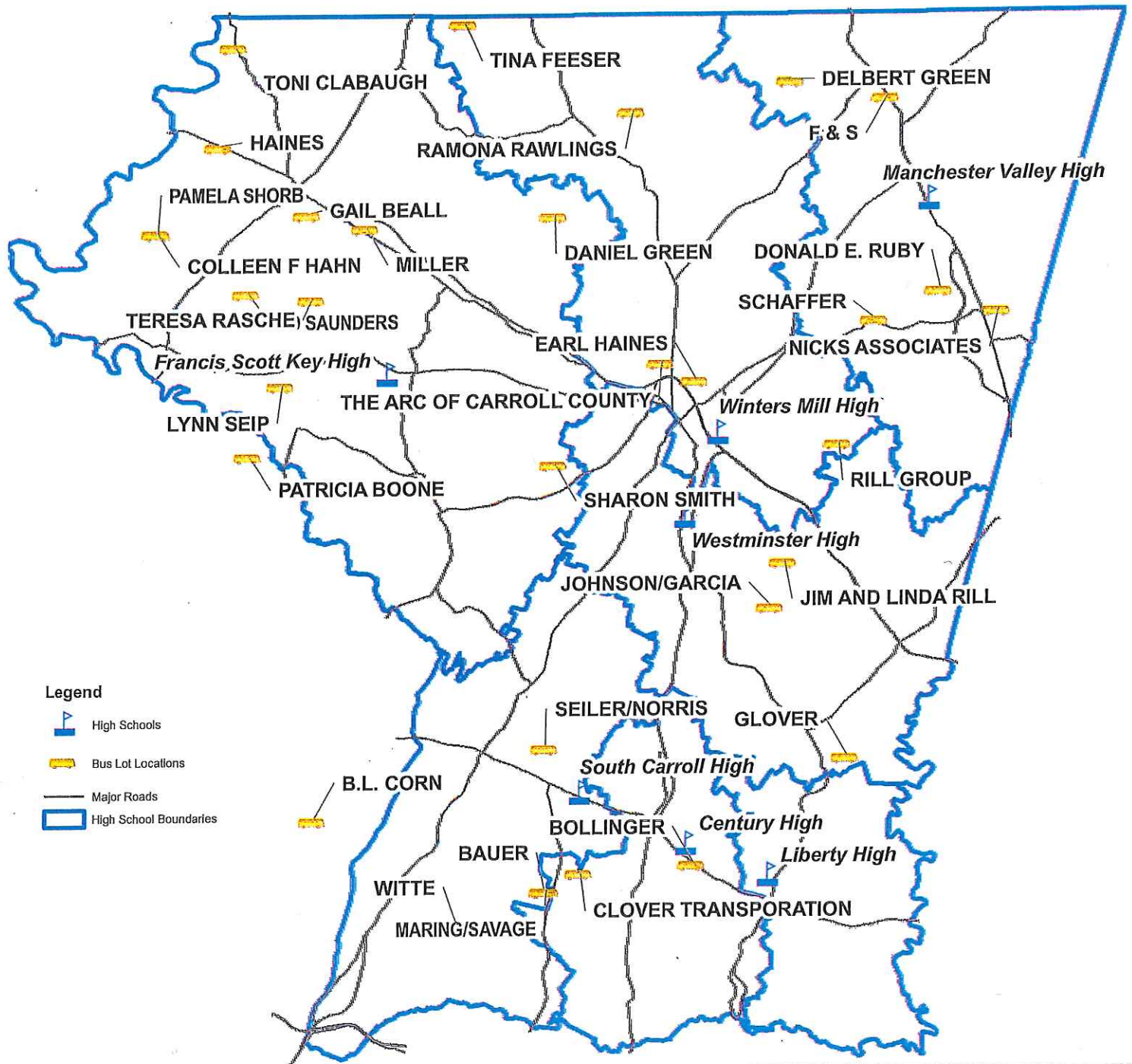
(172)

Number of Regular Ed. Buses Needed = 67 + 2 (2nd tier start) + 36 + 27 + 59 = 191

Total bus runs - all schools = 537

BUS CONTRACTOR LOCATIONS

2016-17 CCPS Bus Contractor Lot Locations

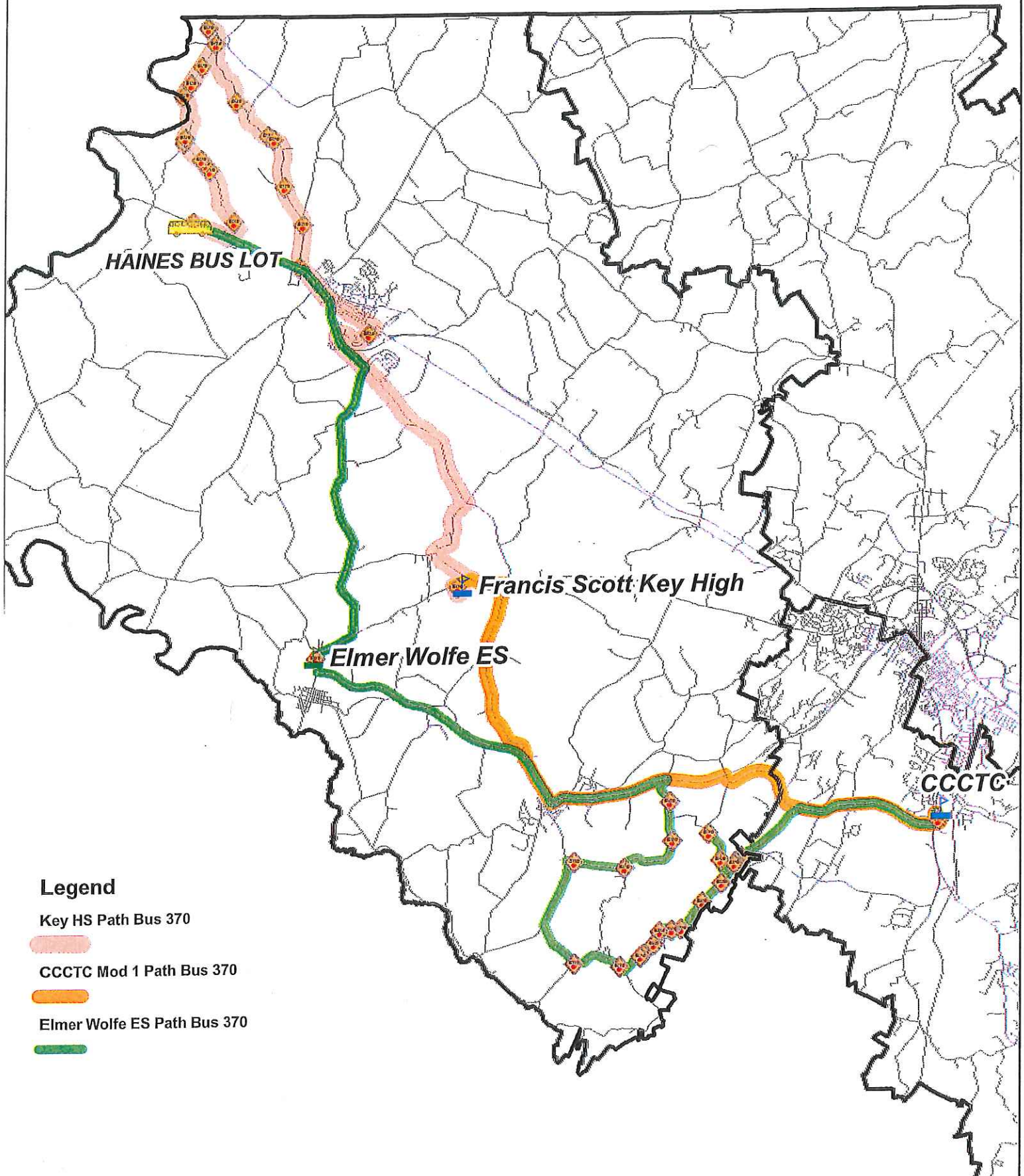


CCPS Bus Contractor # of Buses

Contractor	# Regular Buses	# Special Buses	# Total Buses
THE ARC OF CARROLL COUNTY	0	37	37
SCHAFER BUS LOT	10	14	24
SEILER/NORRIS BUS LOT	9	0	9
GLOVER BUS LOT	3	0	3
RILL GROUP BUS LOT	24	4	28
BOLLINGER BUS LOT	1	1	2
MARING/SAVAGE BUS LOT	4	3	7
CLOVER TRANSPORTATION BUS LOT	9	0	9
JIM AND LINDA RILL BUS LOT	3	0	3
TONI CLABAUGH BUS LOT	2	0	2
HAINES BUS LOT	9	0	9
MILLER BUS LOT	7	1	8
TINA FEESER BUS LOT	3	0	3
EARL HAINES BUS LOT	1	0	1
GAIL BEALL BUS LOT	1	0	1
DONALD E. RUBY BUS LOT	1	0	1
JOHNSON/GARCIA BUS LOT	29	3	32
BAUER BUS LOT	14	3	17
NICKS ASSOCIATES BUS LOT	1	2	3
ED SAUNDERS BUS LOT	2	0	2
DELBERT GREEN BUS LOT	1	0	1
SHARON SMITH BUS LOT	1	0	1
TERESA RASCHE BUS LOT	1	0	1
PAMELA SHORB BUS LOT	2	0	2
RAMONA RAWLINGS BUS LOT	12	2	14
F & S BUS LOT	32	0	32
B.L. CORN BUS LOT	1	0	1
WITTE BUS LOT	2	0	2
COLLEEN F HAHN BUS LOT	1	0	1
PATRICIA BOONE BUS LOT	1	1	2
DANIEL GREEN BUS LOT	4	0	4
LYNN SEIP BUS LOT	1	0	1
TOTAL	192	71	263

SAMPLE BUS ROUTE

2016 -17 FSK, CCCTC, EWE 3 Tier Trip



SPECIAL EDUCATION BUS PLAN

**CARROLL COUNTY PUBLIC SCHOOLS
TRANSPORTATION SERVICES DEPARTMENT
SY 2016-2017 SPECIAL EDUCATION BUS PLAN**

IN-COUNTY (54 BUSES)

EARLY TIER (7:30 – 8:00 A.M./ 1:45 – 2:20 P.M.)

POST SECONDARY (9)

HIGH SCHOOL

GATEWAY (13)

CENTURY (1)

FSK (2)

LIBERTY (2)

MAN. VALLEY (4)

SOUTH CARROLL (2)

WESTMINSTER – BEST/ LFI (13)

WINTERS MILL – AUTISIM/ SE (5)

ELEMENTARY

ELDERSBURG* (1)

FRIENDSHIP VALLEY – PRIDE/ SE (7)

SPRING GARDEN* (2)

*½ DAY (A.M.) PRE-K PROGRAMS USING SPEC. ED. BUSES FOR MIDDAY HOME

MIDDLE TIER (8:25 – 9:30 A.M./ 2:50 – 3:15 P.M.)

MIDDLE SCHOOL

EAST – BEST PROGRAM (6)

OKLAHOMA (2)

NORTHWEST (1)

NORTH CARROLL (1)

SHILOH – AUTISM/ SE (5)

SYKESVILLE (1)

WEST (3)

ELEMENTARY

CARROLL SPRINGS (11)

LINTON SPRINGS* (3)

ROBT. MOTON* – BEST/ REG. SE (13)

TANEYTOWN* (3)

LATE TIER (9:15- 9:30 A.M./ 3:45- 4:00 P.M.)

ELEMENTARY SCHOOLS

CARROLLTOWNE* –REG. SE (4)

EBB VALLEY* (3)

ELMER WOLFE (1)

HAMPSTEAD* – REG. SE./ AUTISM (7)

MANCHESTER* (2)

MECHANICSVILLE* (2)

PARR'S RIDGE* (1)

PINEY RIDGE (1)

RUNNYMEDE* – REG. SE (5)

SANDYMOUNT* (2)

WESTMINSTER* (2)

WM. WINCHESTER* (1)

WINFIELD* – REG. SE/ AUTISM (6)

OUT-OF-COUNTY (17 BUSES)

BALTIMORE CITY (4): ST. ELIZABETH'S/MD. SCH. FOR THE BLIND (1); ST. ELIZABETH'S (1); KENNEDY KRIEGER- GREENMOUNT (1); CHIMES/ GATEWAY (1)

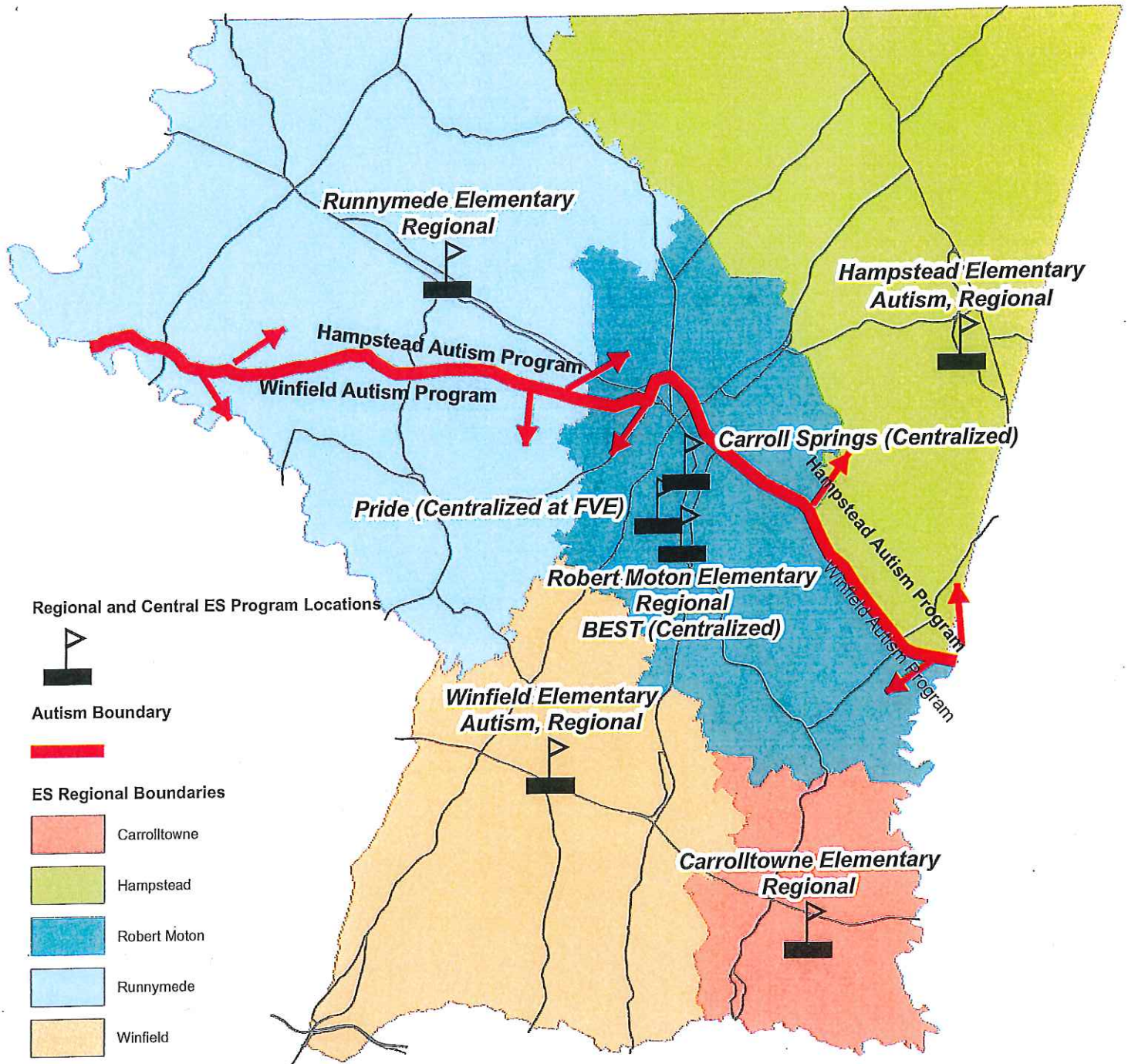
BALTIMORE COUNTY (8): DELREY/STRAWBRIDGE/GOOD SHEPHERD (1); STRAWBRIDGE/ HARBOR (1); FORBUSH-GLYNDON/ HANNAH MORE/ HARBOR (4); TRELLIS/ VILLA MARIA/FORBUSH-HUNT/VALLEY (1); TANGRAM/ FORBUSH- HUNT VALLEY (1)

HOWARD COUNTY (3): MD. SCH. FOR THE DEAF (2); HIGH ROADS (1)

FREDERICK COUNTY (2): MD. SCH. FOR THE DEAF (2)

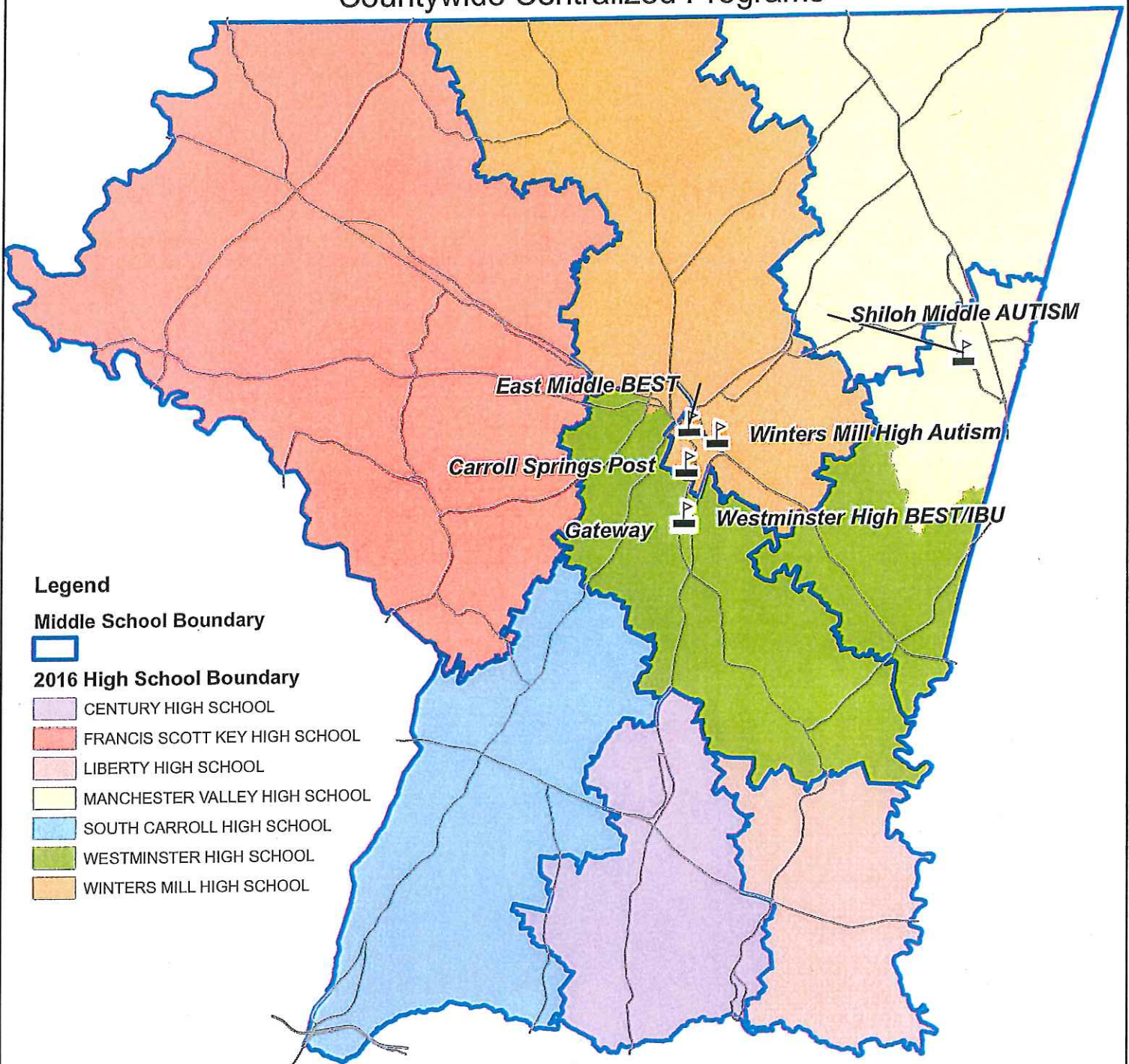
TOTAL SPEC. ED. BUSES = 71

2016-2017 CCPS Elementary Centralized Program Locations And Regional Program Locations and Boundaries



Note: All Regional Boundaries are approximate and subject to change based on student enrollment in the specific programs and available transportation resources.

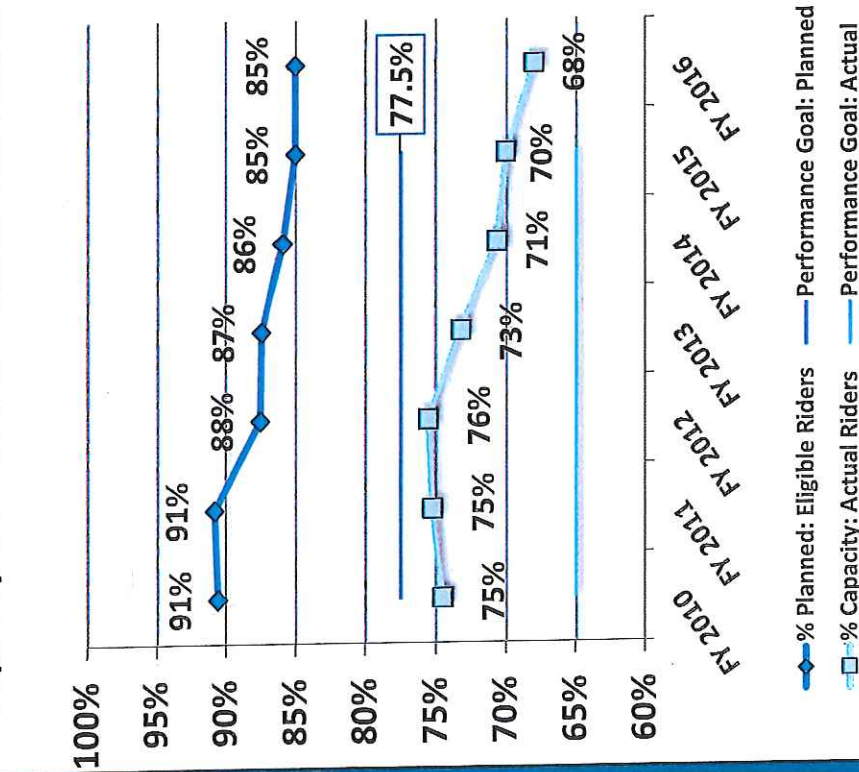
2016-2017 CCPS Middle and High School Countywide Centralized Programs



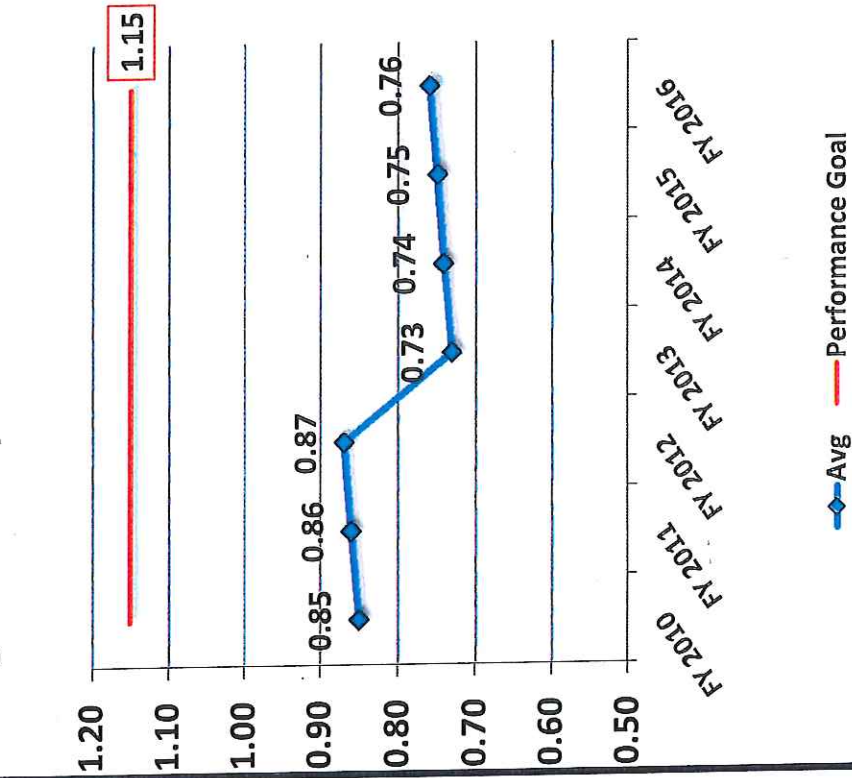
BUS CAPACITIES/ UTILIZATION

Capacity Utilization

Capacity Utilization: Planned and Actual



Avg # of Buses per 100 Students Enrolled

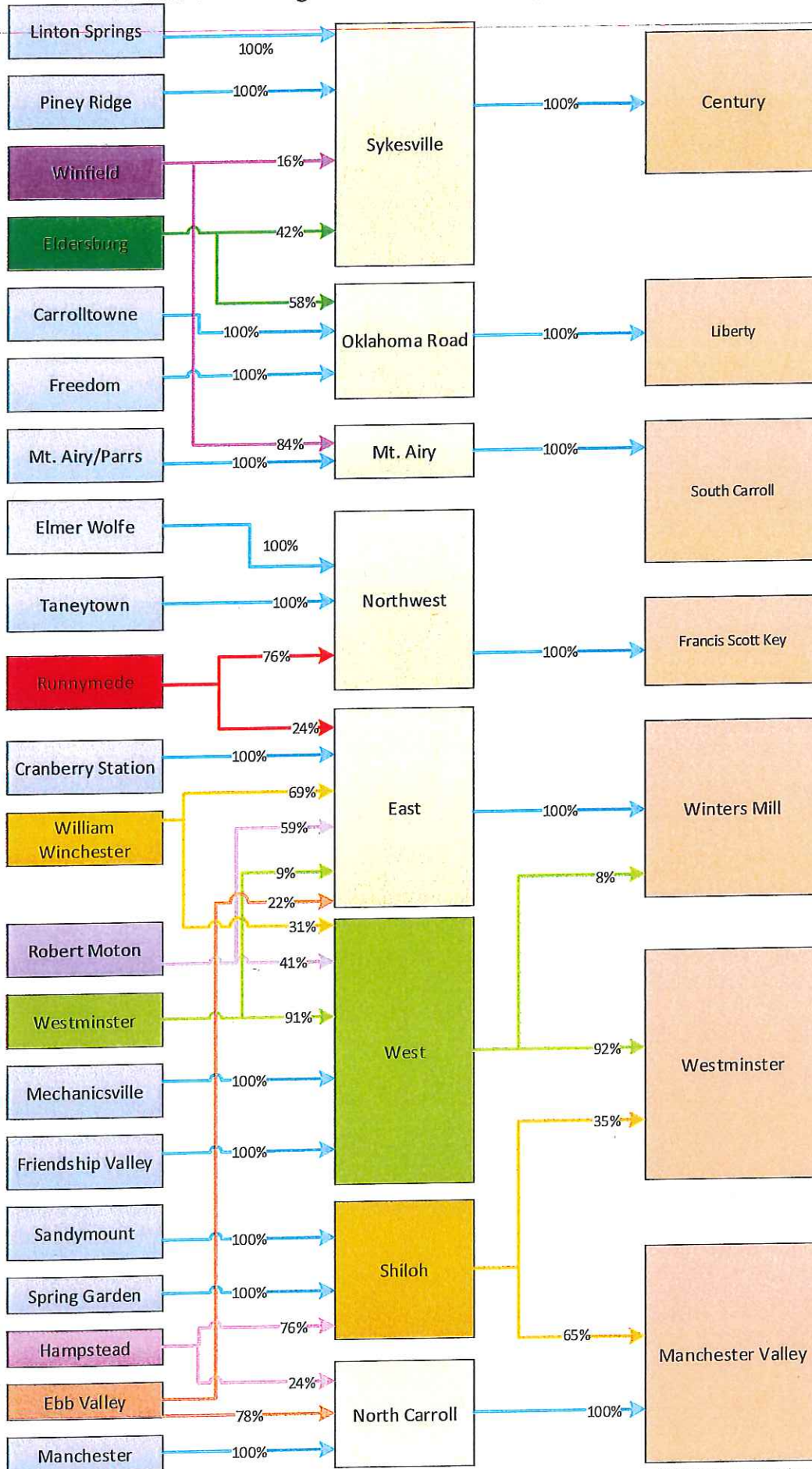


Target Capacity
Elementary: 58
Middle: 51
High: 44

Performance
Guidelines from
State
Benchmarking
Spreadsheet for
Formula Counties

FEEDER PATTERNS

Feeder Percentages Based on 2016 September 30th Students and School of Residence



*Percentages based on geographic location of student home addresses