

Transportation Services:

Resource Planning Overview



Come see me at the First
Time Riders Open House
on August 10th at
Weaver Middle School

Andi Cunningham, Coordinator
Ryan Young, Assistant Coordinator
Cliff Hetzel, Director of Business

Resource Planning for District Services

- Historical Foundation to build from
- Student Database Rollover in June
- First Time Riders Open House:
 - August 10th from 9am to 12 Noon at Weaver Middle School
 - Explore a school bus, learn safety, take a ride, meet “Buster” the bus; and capture the first bus ride moment on camera.
- Integrate Technology Resources to produce efficient routing
- Define Capacity ->

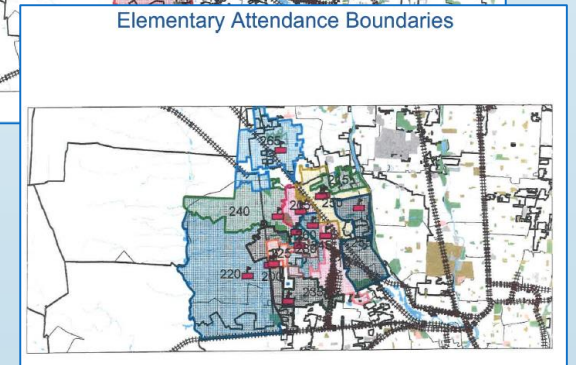
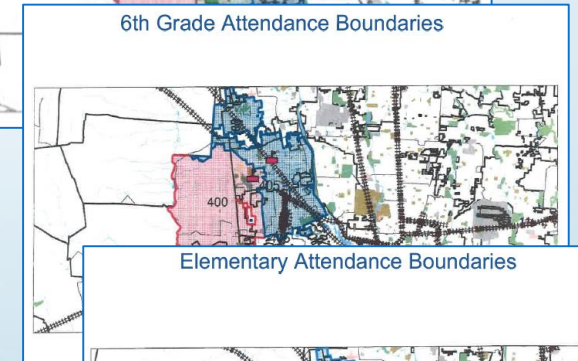
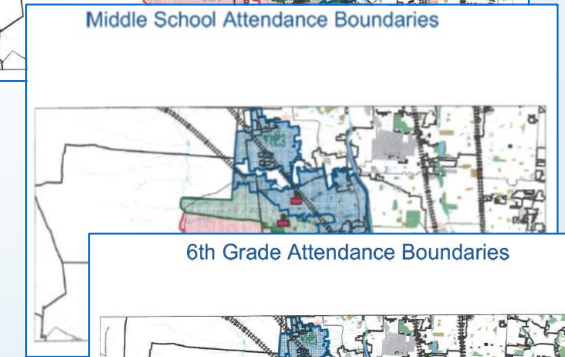
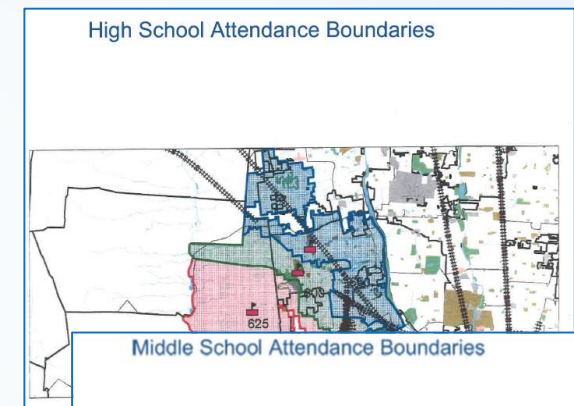
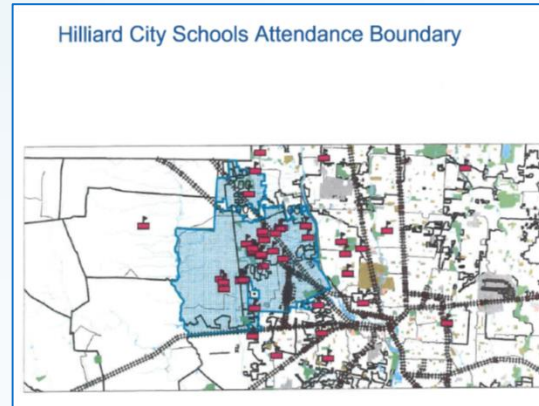
School Bus Capacity Reference

Passenger Rating	Number of Seats	Two To A Seat	HS Target	MS* Target	ES* Target
84 T	28	56	56	62 (6)	72 (10)
77/(78) C	25 ½	52	52	58 (6)	68 (10)
72 C	24	48	48	54 (6)	64 (10)

* The number in parentheses indicates the number of seats that have three (3) students to a seat to obtain the target seating capacity.

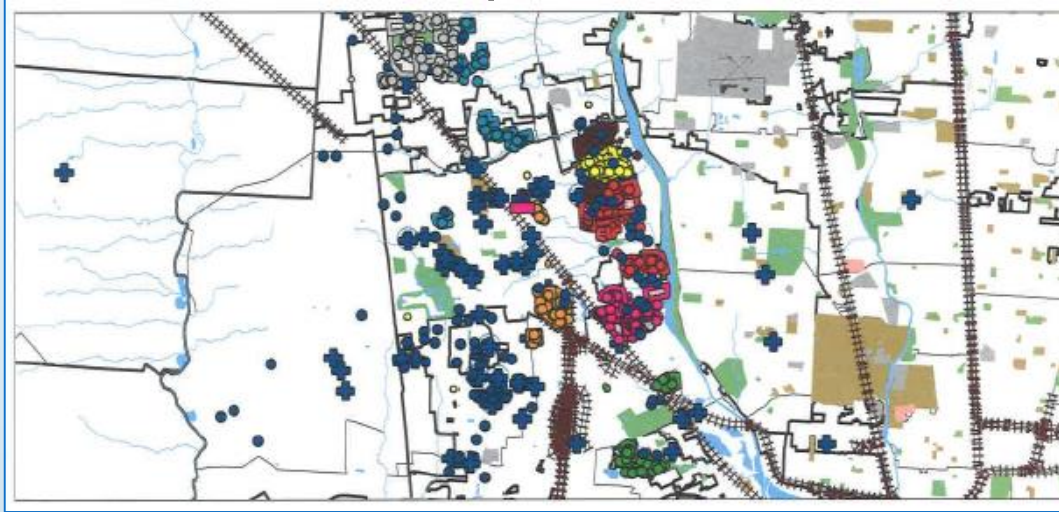
Resource Planning for District Services

- Transfinder-Routefinder PRO
 - Maps
 - Boundaries
 - Display routes
 - Paths, quickest paths
 - Stops locations and Student assignments
 - Auto Assigns students based on attendance boundaries
 - Manually assign students based on Shared Parenting and Child Care needs (exceptions to home busing)
 - Allows us to check on unassigned students (daily)
 - Student Counts
 - Target 90 HS students per bus
 - Exclude Jrs & Srs from counts (drivers)
 - Adding daycare will give true accurate counts of busing needs



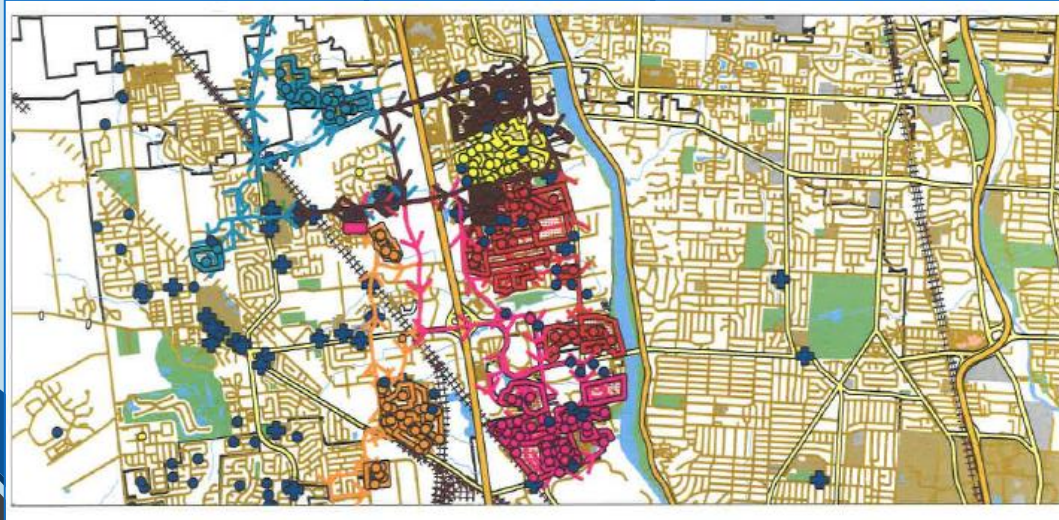
Resource Planning for District Services

Stop Pools



This helps us to auto-assign when students bump up a grade

Stop Pools w/routes



TRIP DETAIL		06/20/2019
TRIP: DBY AM 125	START TIME: 6:21 am	DISTANCE: 14.01
AIDE:	FINISH TIME: 7:13 am	STUDENTS TRANSPORTED: 55
DRIVER: Hatcher, Patricia	TOTAL TIME: 52 Min.	MAX STUDENTS ON BUS: 55
BUS: 125		
STOP TIME	COMMENT/LOCATION	COUNT
1 6:21 am	DAVIDSON COMPOUND	0
	First in line on Left side @ stop sign Facing Leppert Rd	Pick Up
	Start On Davidson Compound Exit	
	Left On Davidson Rd	
	Bear Right On Britton Pkwy	
	Bear Right On Britton Pkwy Round about	
	Slight Right On Britton Pkwy	
	Left On Cemetery Dr	
	Slight Right On Ramp to I 270 South	
	Slight Right On I 270 South	
	Slight Right On Roberts Rd Exit Ramp	
	Slight Left On Ramp to Roberts Rd Eastbound	
	Slight Left On Roberts Rd	
	Right On Wilson Rd	
2 6:37 am	2305 WILSON RD (WOODSPRING SUITES)	1
	Left On Cypress Creek Dr	Pick Up
	Right On Quail Hollow Dr	
	Pick up at 2nd Drive at Thorton's	
3 6:39 am	FOX HOLLOW DR & QUAIL HOLLOW DR (CROSSES)	16
	Right On Camelback Dr	Pick Up
	Slight Left On En Joie Dr	
4 6:42 am	BIGBY HOLLOW ST & EN JOIE DR	22
	Bear Left On Green Island Dr	Pick Up
5 6:44 am	2173 GREEN ISLAND DR	1
	Slight Right On Cypress Creek Dr	Pick Up

Resource Planning for District Services

- ZONAR
 - Pre-trip Buses – see the Dashboard
 - Wand to pre-trip buses
 - Student checks (Post-check):
 - Insure they go to the back of the bus and check for students at end of the route
 - Mechanical Issues/repairs

Diagnostics													
Asset	Date/Time	MIL	Check	Stop	Type	SA	MID	SPN	FMI	PID/SID	Is PID	DTC	OC
149	2019-05-31 06:40:21				J1939	33		3697	4		false		127
149	2019-05-31 06:40:21				J1939	33		3698	4		false		127
065	2019-05-31 15:08:06				J1939	33		1081	4		false		127
044	2019-05-31 08:37:54				J1939	11		627	4		false		127
045	2019-05-31 07:46:53				J1939	11		627	4		false		127

EVIR® Electronic Vehicle Inspection Report				Type: MECH INSPECTION
Organization/Operator		DOT/NSC No.	Report No.	License Plate Number
Hilliard City Schools			354269	19553
Asset No.	VIN Number	MFG	In Service	Mileage
060	4DRBVAAR06A175358	2006 INTL INTL	12 Jan 2015	163247
Inspection Date:		Inspection Duration:		Driver Name
Thursday 27 Dec 2018 09:13		00:00:58		Ringel, John Jack

DEFECTS NOTED DURING THIS INSPECTION: Asset: 060 (Standard) Timestamp: 09:13:22 (Primary Asset)							
Zone	Component	Condition	Status	Technician	Repair Date	Ref No.	Defect ID
Engine	Water Pump	Leaking					8568

THESE ZONES WERE NOT INSPECTED: Asset: 060 (Standard) Timestamp: 09:13:22 (Primary Asset)							
Zone< not inspected >	Components < not inspected >						
Right Rear	Other, Windows, Body/paint/letters, Suspension/exhaust, Wheelwell/hub/axle, Slack Adjusters, Tires/wheels/lugs, Fuel/air Tanks/cap, Hazard Light, Ohp Stckr/rt# Sign, Suspension						
Right Front	Other, Body/paint/letters, Tire/wheel/ Lugs, Wheelwell/hub/axle, Windows/mirrors, Slack Adjusters, Def Tank, Fuel/air Tanks/cap, Hazard Light, Ohp Stckr/rt# Sign, Suspension						
Rear Lighting	Other, 4 Way/turn Signals, Clear/mark Lights, Spu Lights Amber, Spu Lights Red, Emer Exits/doors, Brake/tail Lights, Bumper, Reflectors/signs, Rev Lights/beeper, Strobe Light (opt)						
Left Rear	Other, Windows, Air Brakes, Body/paint/letters, Suspension/exhaust, Wheelwell/hub/axle, Air Tanks, Drive Shaft, Hydro Brakes, Slack Adjusters, Tires/wheels/lugs						
Left Front	Other, Air Brakes, Air Tanks/steering, Batteries, Body/paint/letters, Hydraulic Brakes, Stop Arm/lights, Suspension/exhaust, Tire/wheel/ Lugs, Wheelwell/hub/axle, Windows/mirrors						
Inside Bus	Other, Windows, Below/seats/belts, Emer Exits/doors, Rear Spu Lights, Roof Hatches/exits, Wc Car Seats/equip, Wc Door Light, Wc Lift Operation, Wc Safety Strap, Wc Tie Downs/belt						
Front Light/mirror	Other, 4 Way/turn Signals, Clear/mark Lights, Crossing Arm, Headlights High, Headlights Low, Mirror Brackets, Refl/signs/letters, Spu Lights Amber, Spu Lights Red						
Dash/inst. Panel	Other, Gear/neutral Swtch, Heat/def/fans, Lights/dash, Mirrors Adj, Radio/p.a. System, Steering, Windows, Windshield, Wipers/washer						
Brakes	Other, Air-abs System, Air-build Up Time, Air-low Air Warn, Air-park Brake, Air-prk Brk Popon, Air-service Brake, Hyd-abs System, Hyd-park Brk Holds, Hyd-pedal Adjust						
Approach/entry	Body Fluid Kit, Bus Appearance, Driver Seat Area, Drivers Area/belt, Entrance Door, Fire Extinguisher, First Aid/emerg, Fuses/triangl Kit, Handrail/steps/flr, Other, Regstr/insur Card						

Accepting Inspector	
Accepting Inspector:	Next Inspection Date: N/A (0)

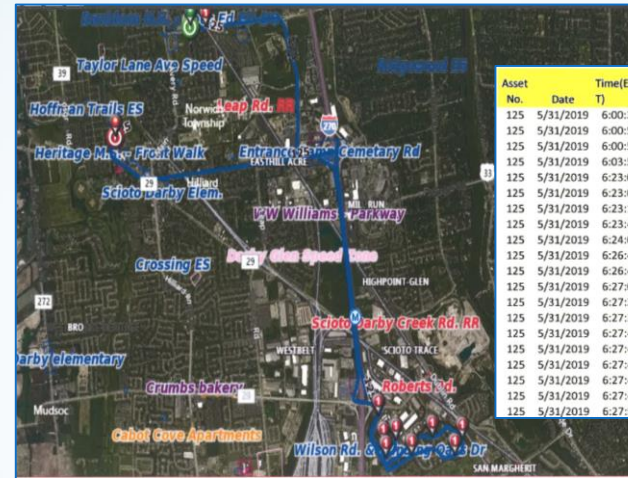
Driver: Ringel, John Jack (060)	Asset: 060 / 44	Repair: 05	EVIR: 2018, 2.1.0	2018-2019-2.1.0 144381052 Dev: GSM	NOT	CRS: 2110151
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Resource Planning for District Services

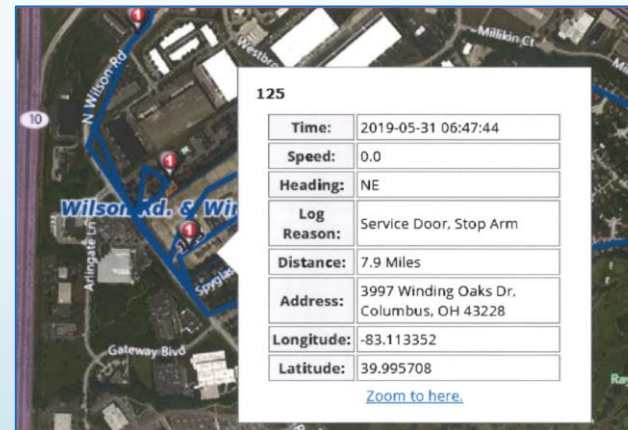
- ZONAR: TRIPS

- Track bus actions

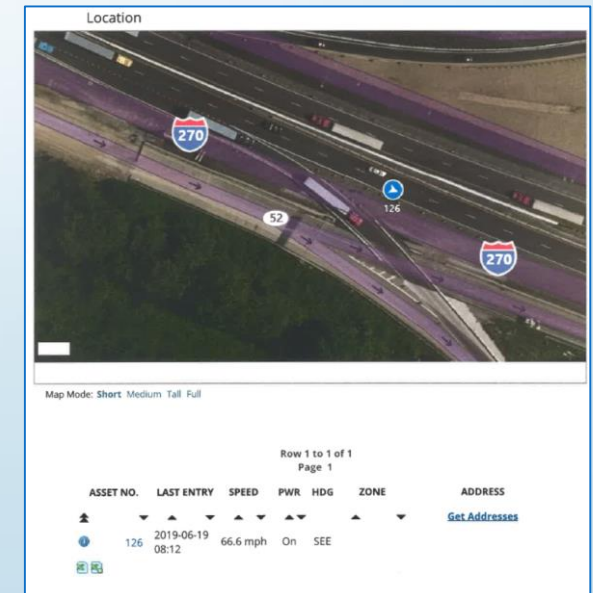
- Stop and start locations and times
 - Safety (display reds)
 - Door
 - Parking Brake
 - Mileage-odometer tracking
 - Speed
 - Stop times
 - Paths



Asset No.	Date	Time(ED T)	Speed(MPH)	Log Reason	Zone	Address
125	5/31/2019	6:00:32	0	Parking Brake, Motion Stop	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:00:54	0	Parking Brake	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:00:55	0	Power On	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:03:01	0	Power Off	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:23:01	0	Power On	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:23:09	0	Service Door	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:23:12	0	Parking Brake	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:23:46	4.6	Motion Start	Davidson Compound	4920 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:24:04	0	Parking Brake, Motion Stop	Davidson Compound	4970 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:26:41	0	Parking Brake	Davidson Compound	4970 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:26:45	4.9	Motion Start	Davidson Compound	4970 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:27:03	5.1	Standard	Davidson Compound	4970 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:27:21	32	Standard	Davidson Compound	4960 Davidson Rd, Hilliard, OH 43026
125	5/31/2019	6:27:39	8.3	Standard	Davidson Compound	4878 Hallwood Ct, Hilliard, OH 43026
125	5/31/2019	6:27:41	0	Motion Stop	Davidson Compound	4878 Hallwood Ct, Hilliard, OH 43026
125	5/31/2019	6:27:42	0	Parking Brake	Davidson Compound	4878 Hallwood Ct, Hilliard, OH 43026
125	5/31/2019	6:27:43	0	Service Door	Davidson Compound	4878 Hallwood Ct, Hilliard, OH 43026
125	5/31/2019	6:27:47	0	Parking Brake	Davidson Compound	4878 Hallwood Ct, Hilliard, OH 43026
125	5/31/2019	6:27:48	0	Service Door	Davidson Compound	4878 Hallwood Ct, Hilliard, OH 43026
125	5/31/2019	6:27:50	9.3	Motion Start	Davidson Rd. RR	4878 Hallwood Ct, Hilliard, OH 43026



125
Time: 2019-05-31 06:47:44
Speed: 0.0
Heading: NE
Log Reason: Service Door, Stop Arm
Distance: 7.9 Miles
Address: 3997 Winding Oaks Dr, Columbus, OH 43228
Longitude: -83.113352
Latitude: 39.995708
Zoom to here.



ASSET NO.	LAST ENTRY	SPEED	PWR	HDG	ZONE	ADDRESS
126	2019-06-19 08:12	66.6 mph	On	SEE		Get Addresses

Resource Planning for District Services

- Other Technologies
 - Engine Manufacturer Systems
 - Bus Hive
 - Online Field Trip Request
 - Driver rotation and sign-up forms (per our contract)
 - Dispatch and Scheduling
 - Driver Check-in with Route & Field Trip Coverage
 - District Invoicing
 - Payroll Management
- Partnership with Norwich Township (car drop off on at the walk path to Ridgewood on Darbyshire)
- Bus Stops presented to the Board in August

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THANK YOU!