

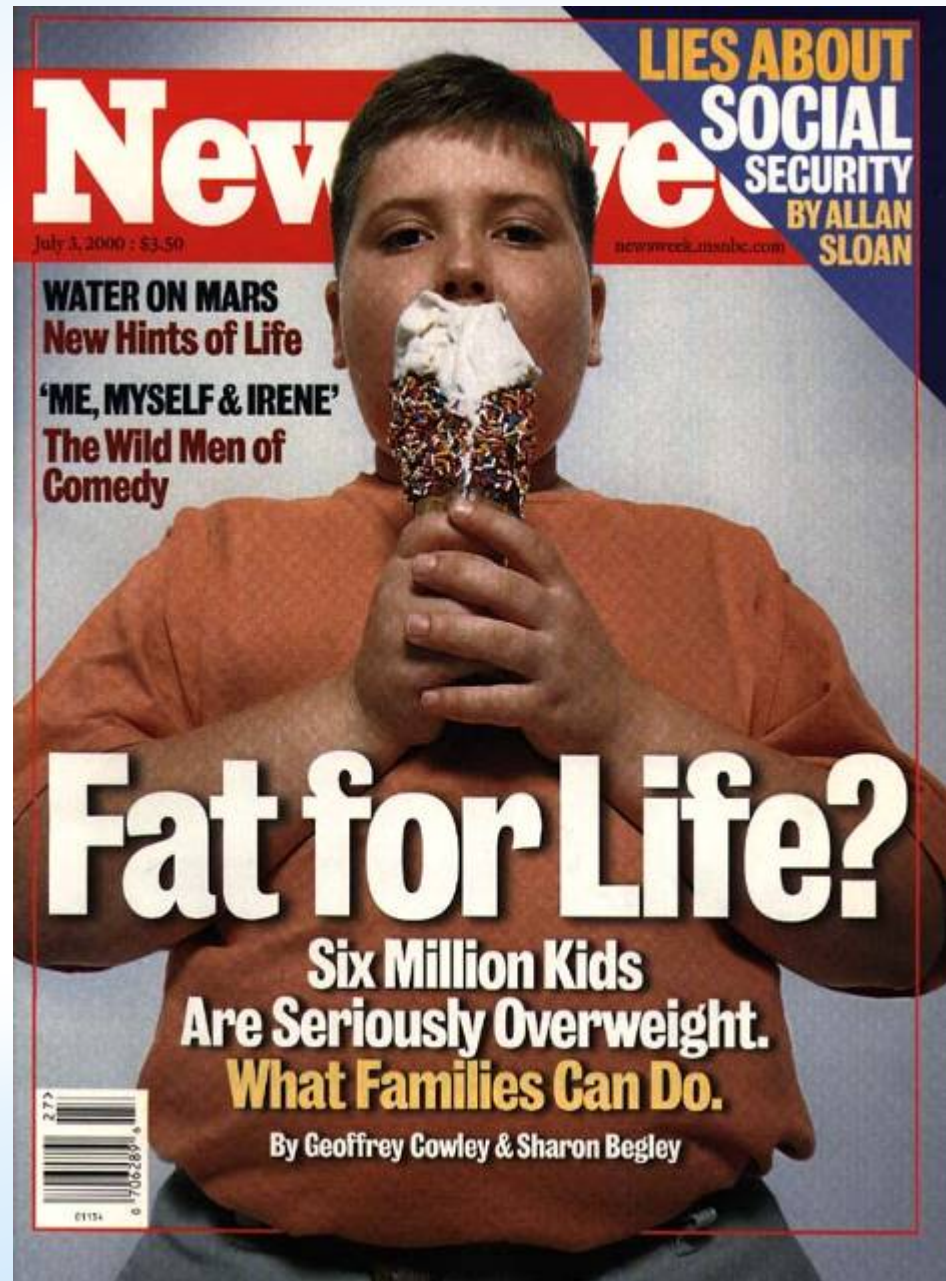


**WASATCH CHOICE**  
— 2050 —

# (Re)Creating the Walk-To-School

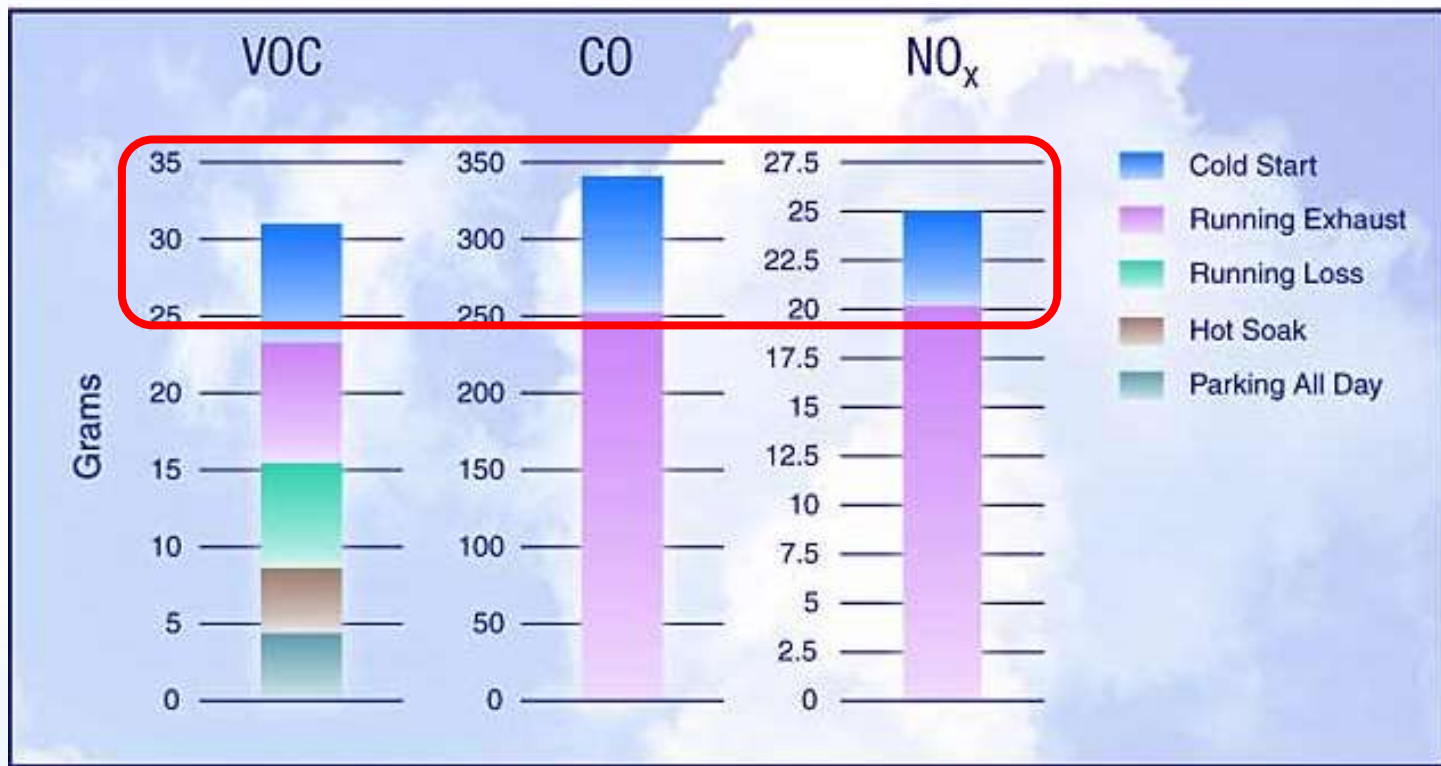


In **Utah**...  
25% of children  
are obese.



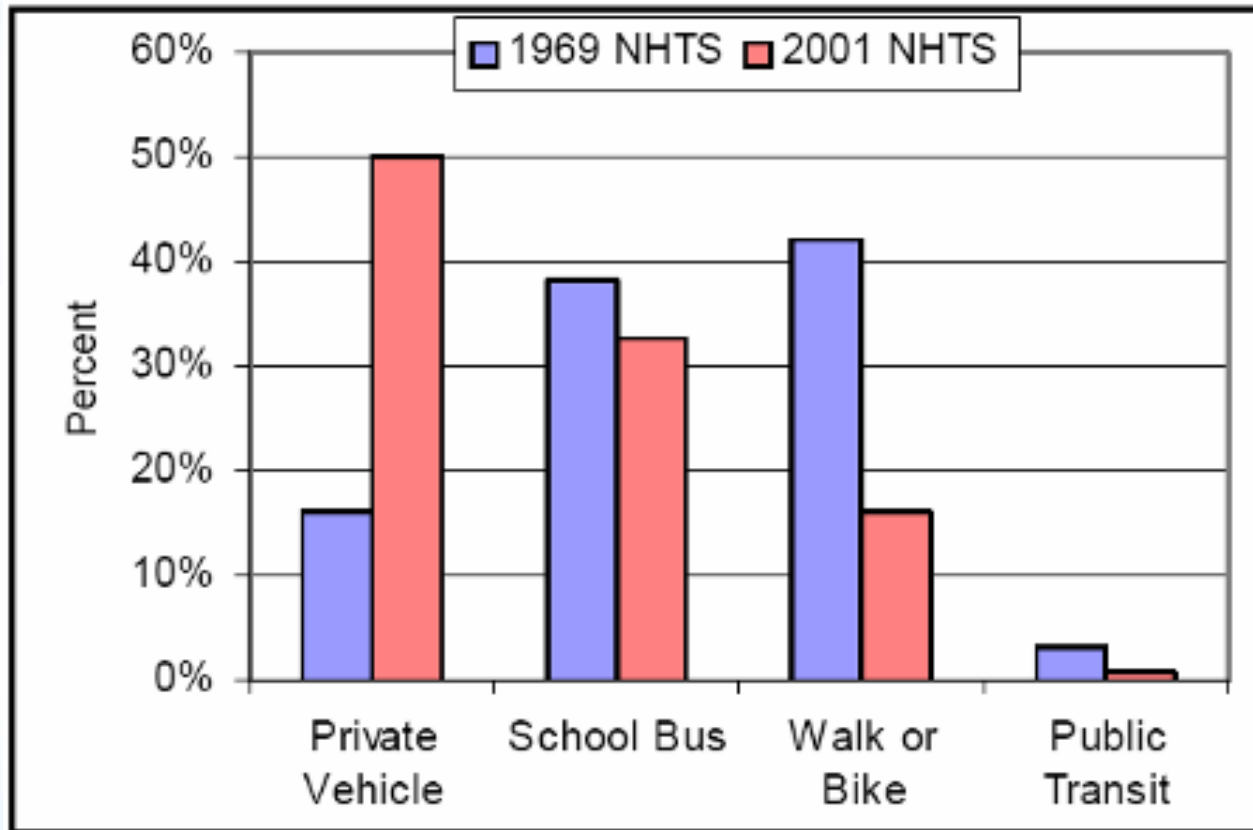
# SHORT AUTO TRIPS POLLUTE

1/4th of emissions come from simply starting our cars



Fhwa.dot.gov

# MODE OF ARRIVAL TO SCHOOL: CHILDREN 6-12



Source: 2001 NHTS

# TWO GENERATIONS AGO?

- Schools were centers of community





# THE NEIGHBORHOOD UNIT









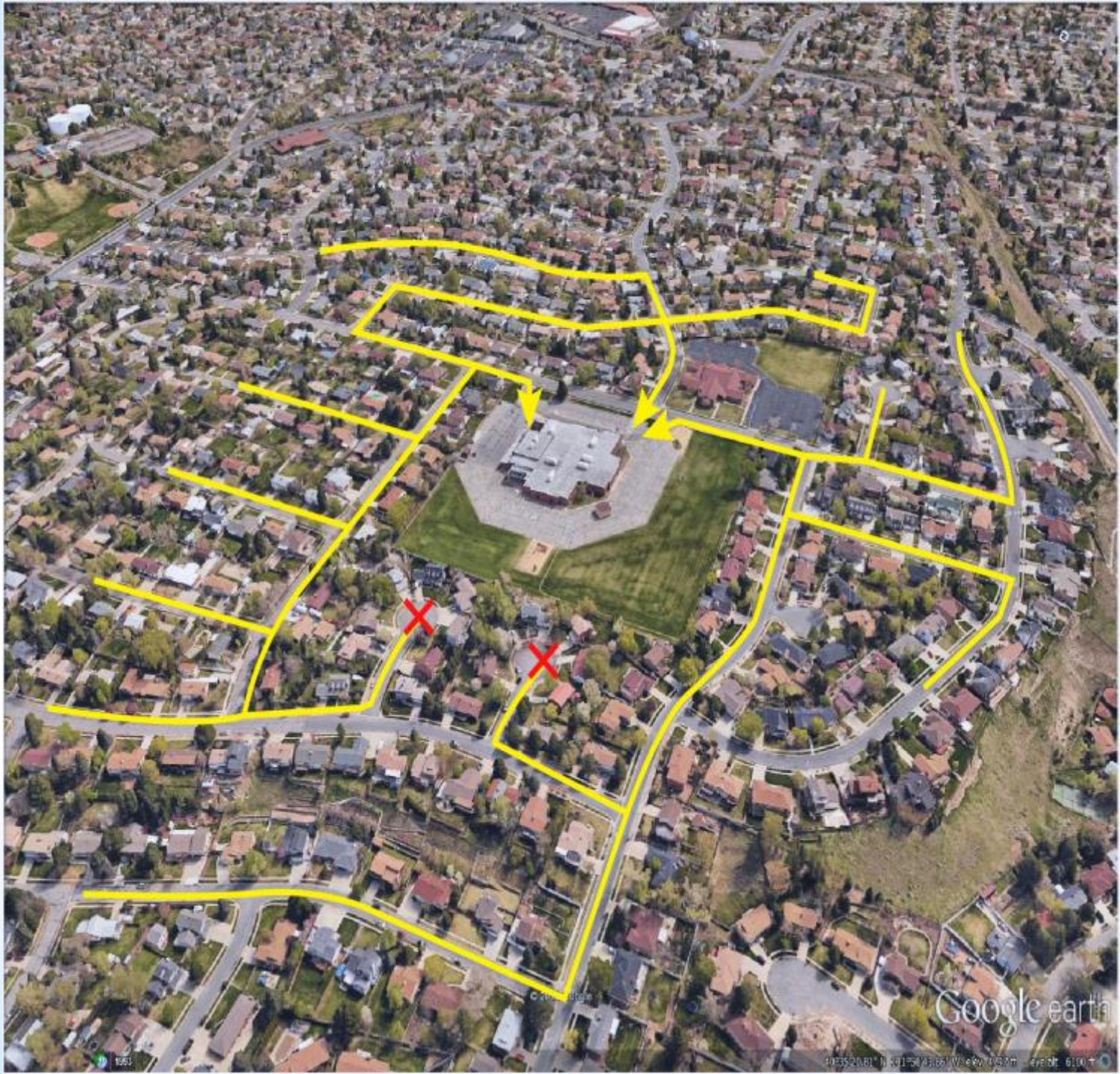
# TODAY'S SCHOOLS



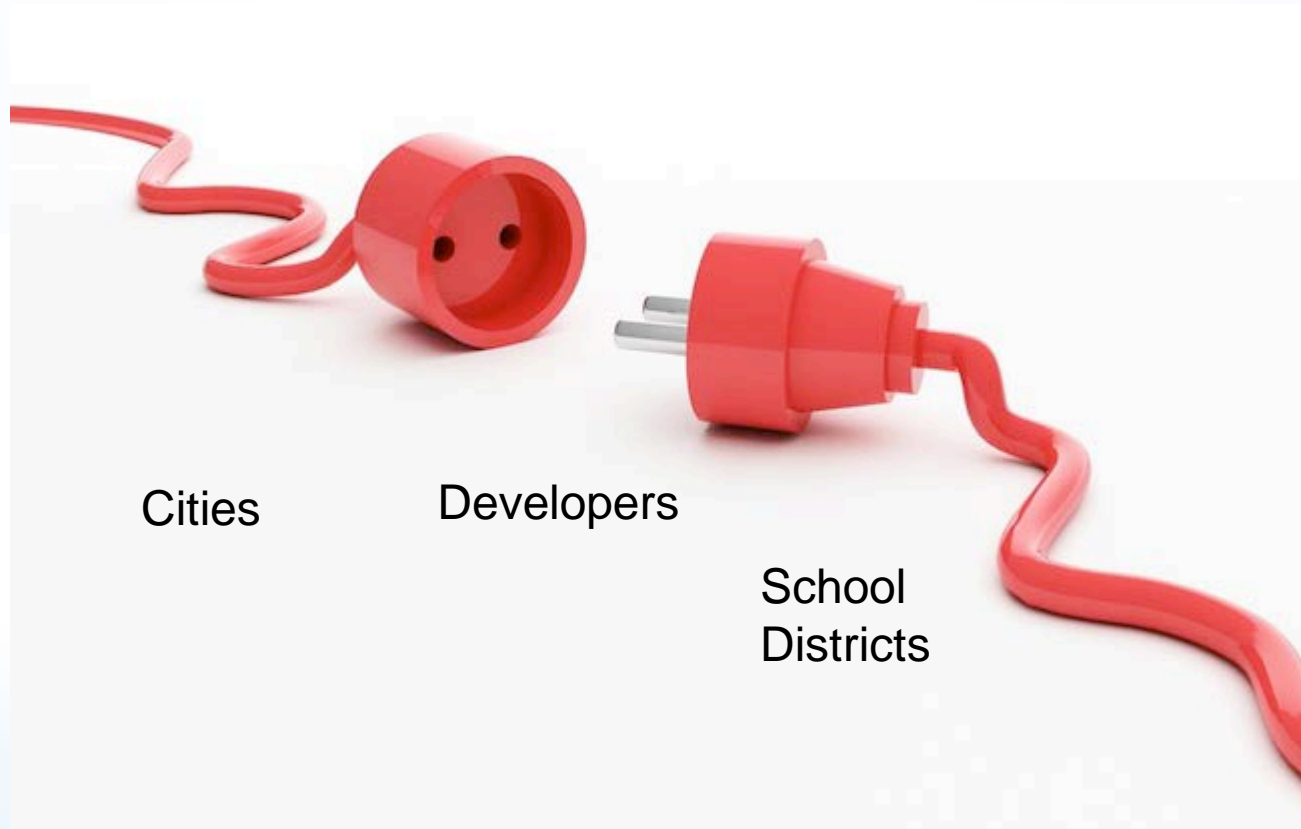








# THE DISCONNECT





# OUR SPEAKERS

---

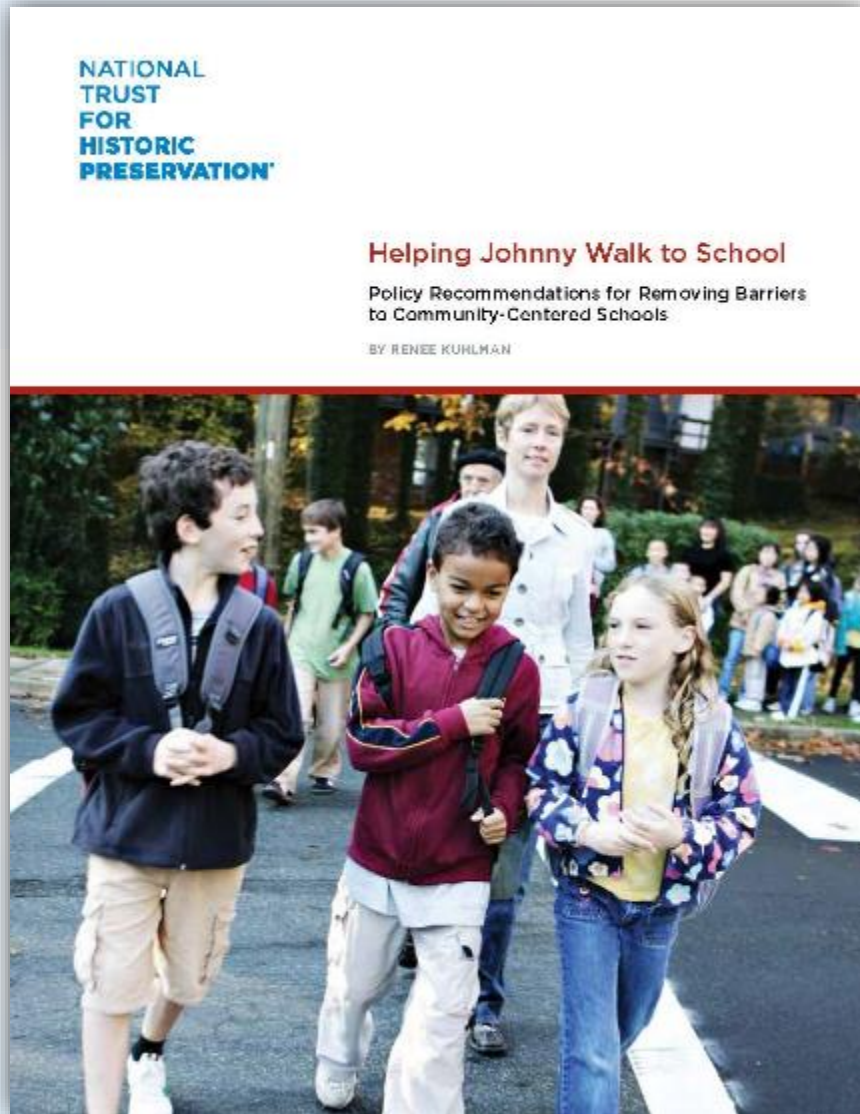
- Greg Hawes, PSOMAS
- Kim Struthers, Lehi City
- Jordan School District
  - Lance Everill
  - Paul Bergera



Design Principles  
and the Developers  
Perspective:  
Greg Hawes,  
PSOMAS



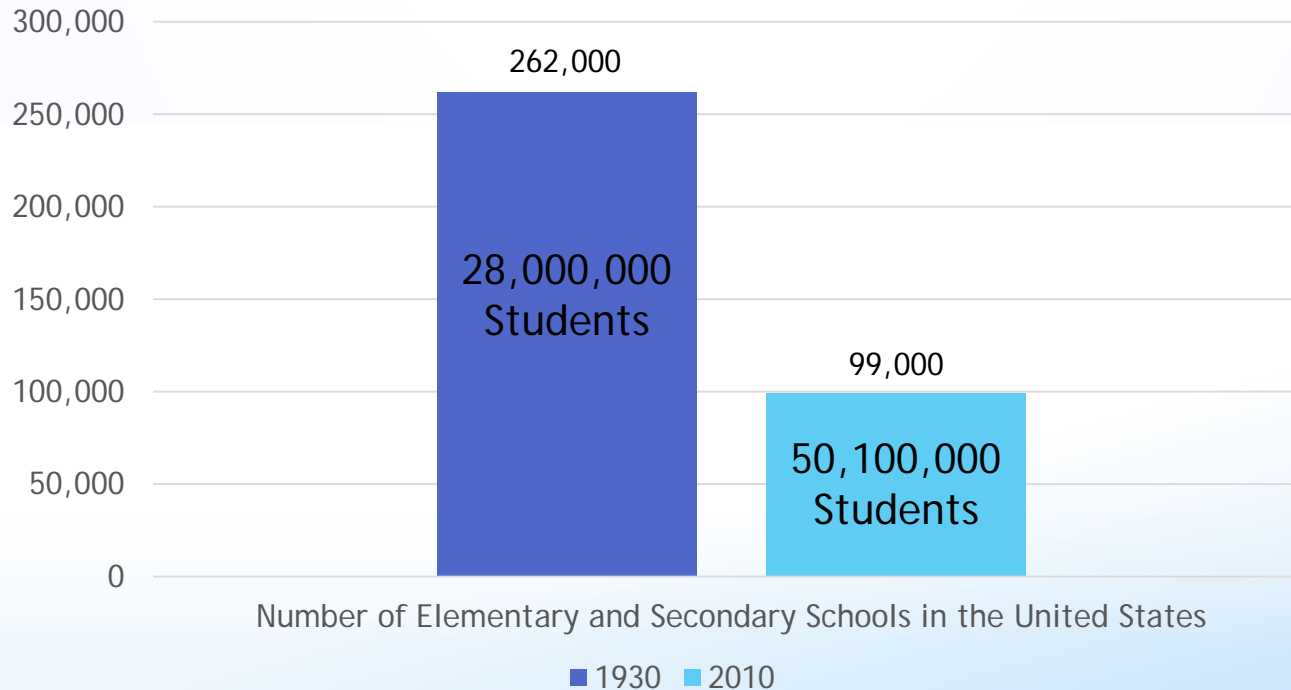
# RESEARCH



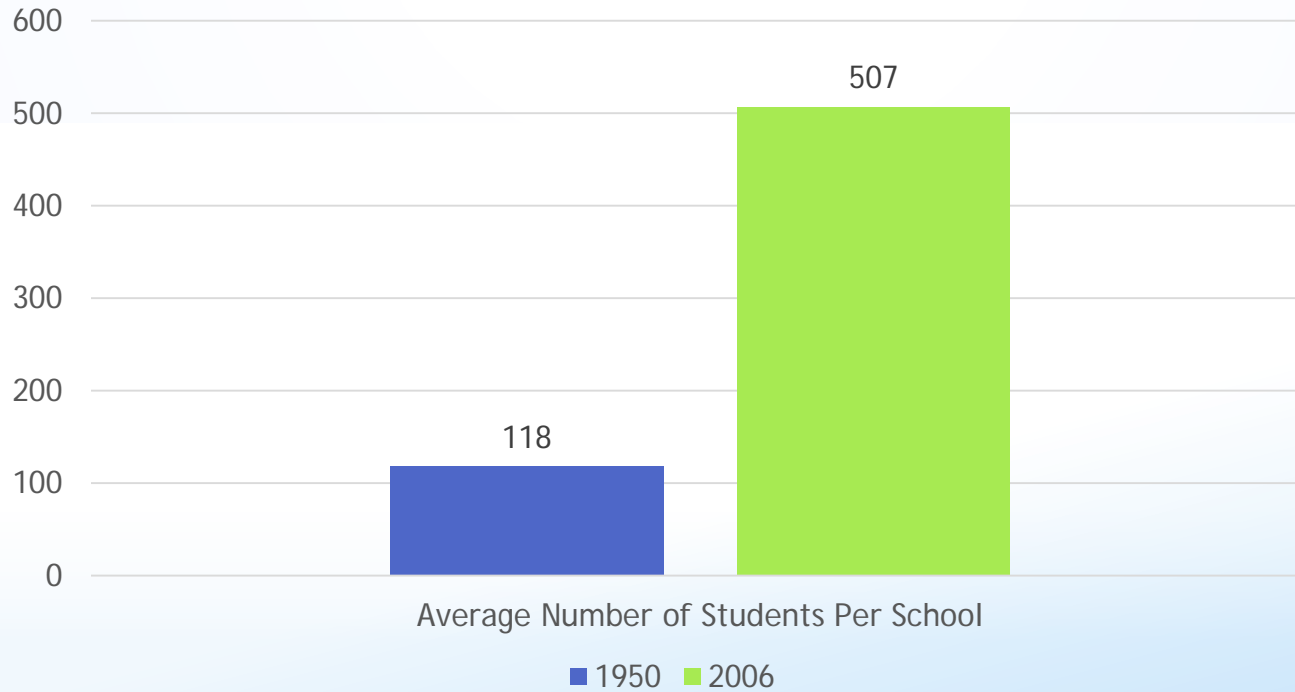
- National Trust For Historic Preservation
  - 2010



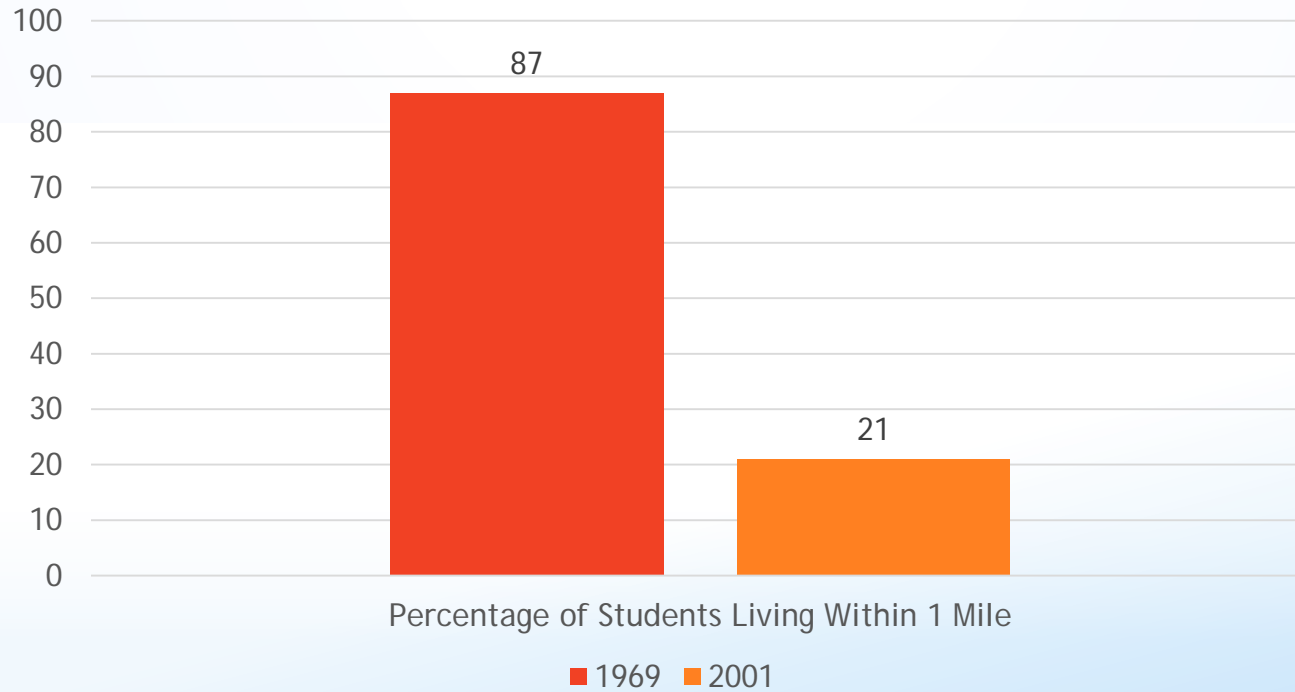
# FACILITIES AND STUDENT DISTRIBUTION



# SCHOOL SIZE



# PROXIMITY





# QUEST FOR UNDERSTANDING

---

- QUANTITY
- SCALE
- SITING/LOCATION
- AUDIENCE
- EFFICENCY

# QUANTITY AND SCALE



# QUANTITY AND SCALE

Estrella Region III Preliminary Planned Area Development  
Estrella Region III Land Use Plan

June 2008





# QUANTITY AND SCALE

- 20,000 acres
- 55,000 units/160K residents
- 53 new schools
  - 33 Elementary Schools
  - 14 Middle Schools
  - 6 High Schools



# SITING/LOCATION



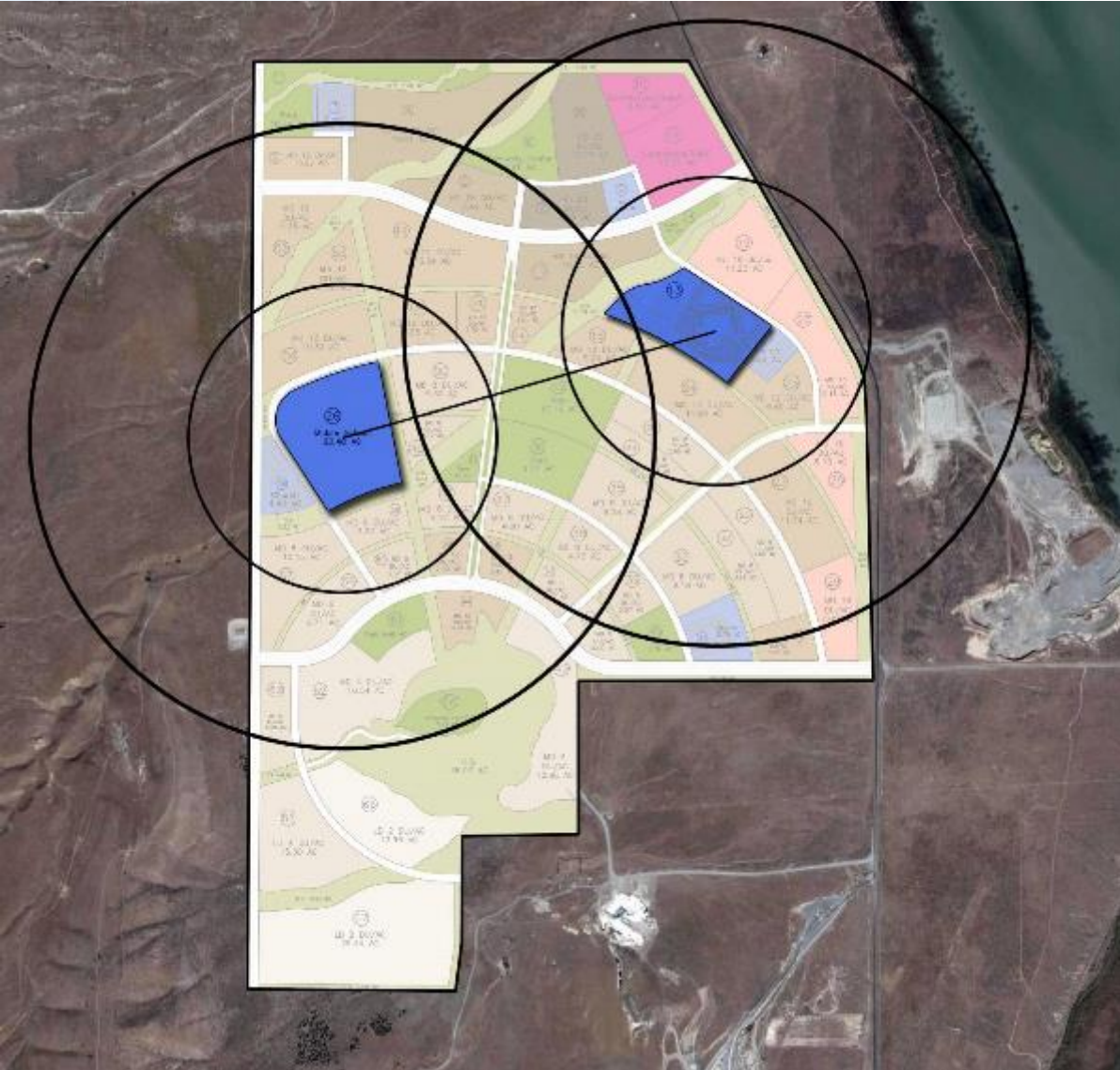
- TEGUAYO MASTER PLAN
- Saratoga Springs, Utah
- 700 acres

# SITING/LOCATION





# SITING/LOCATION





# SITING/LOCATION



northland  
ARCHITECTURE

LEGACY FARMS

# SITING/LOCATION



- LEGACY FARMS  
MASTER PLAN
- Saratoga Springs,  
Utah
- 180 acres

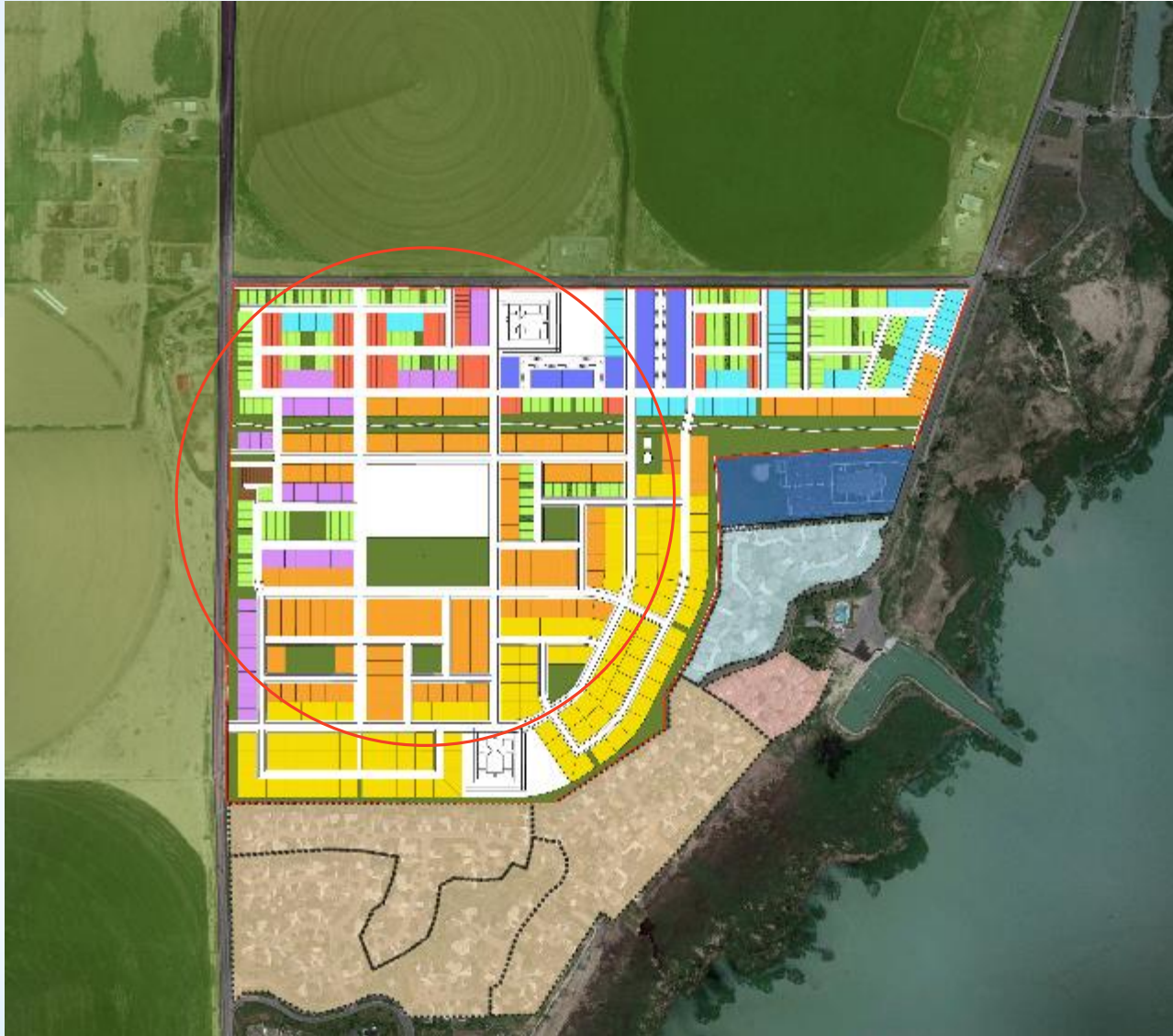
# SITING/LOCATION



■ APRIL, 2013



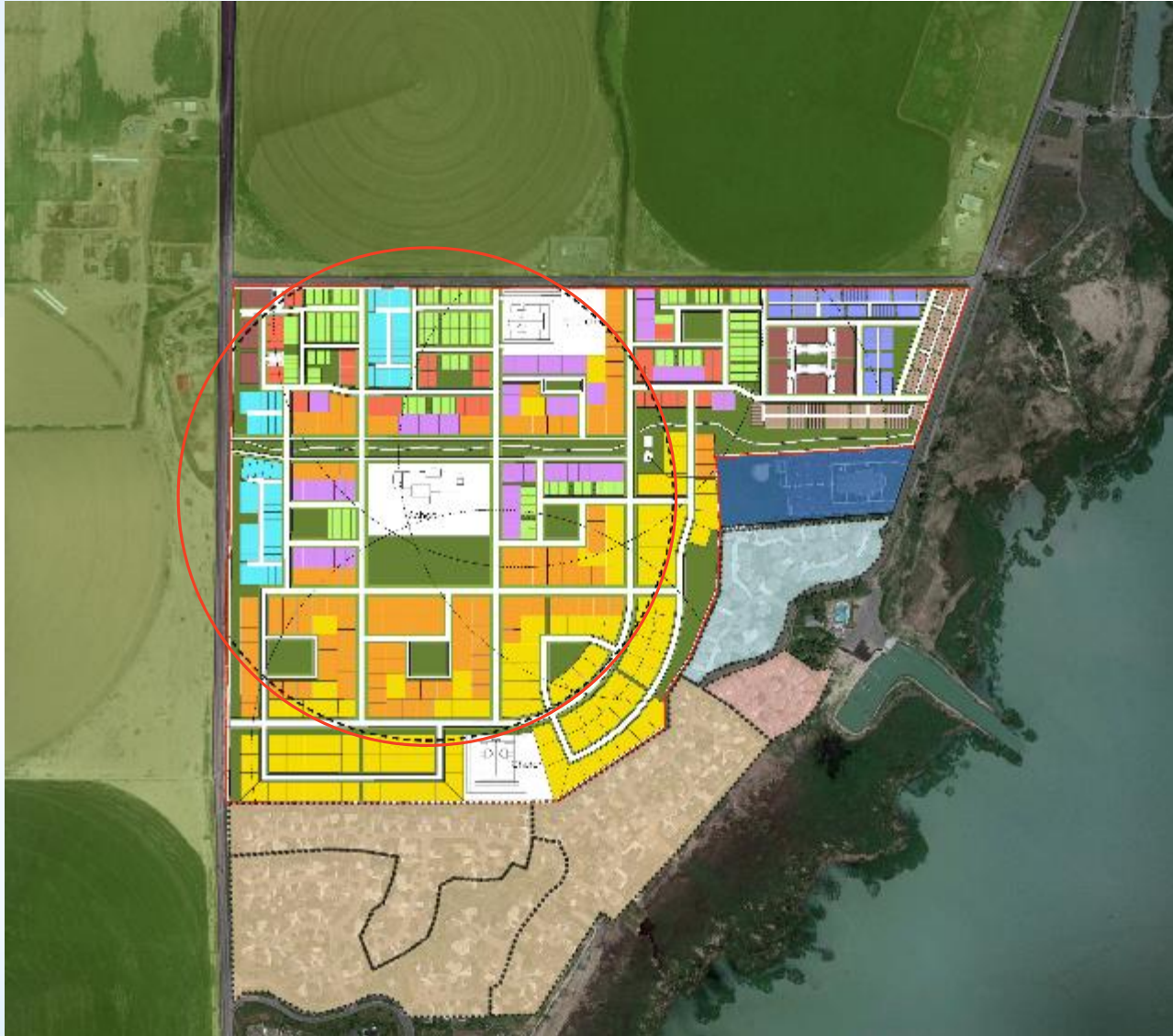
# SITING/LOCATION



■ MAY 1, 2013



# SITING/LOCATION



■ JULY 1, 2013

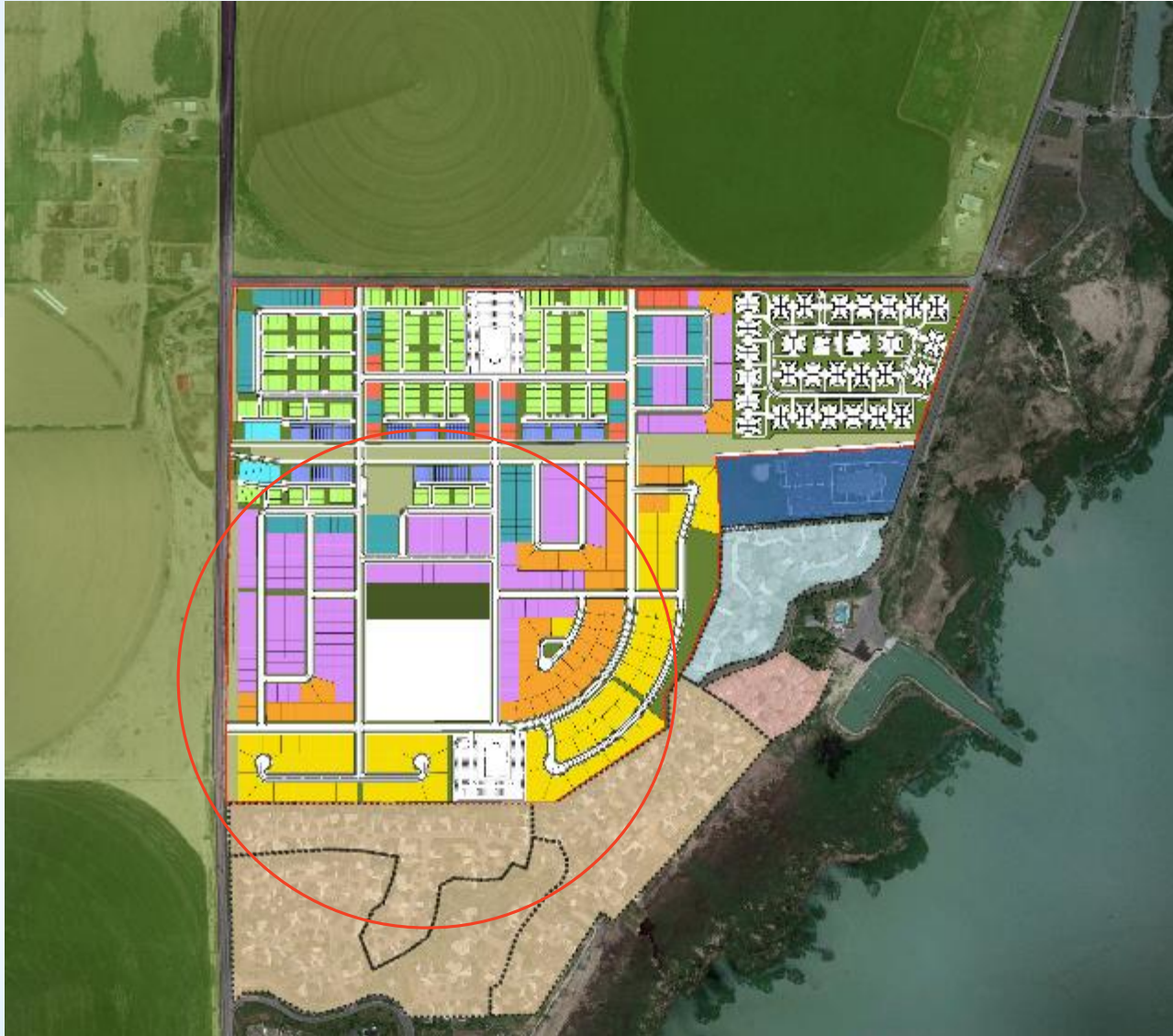
# SITING/LOCATION



■ JULY 14, 2013

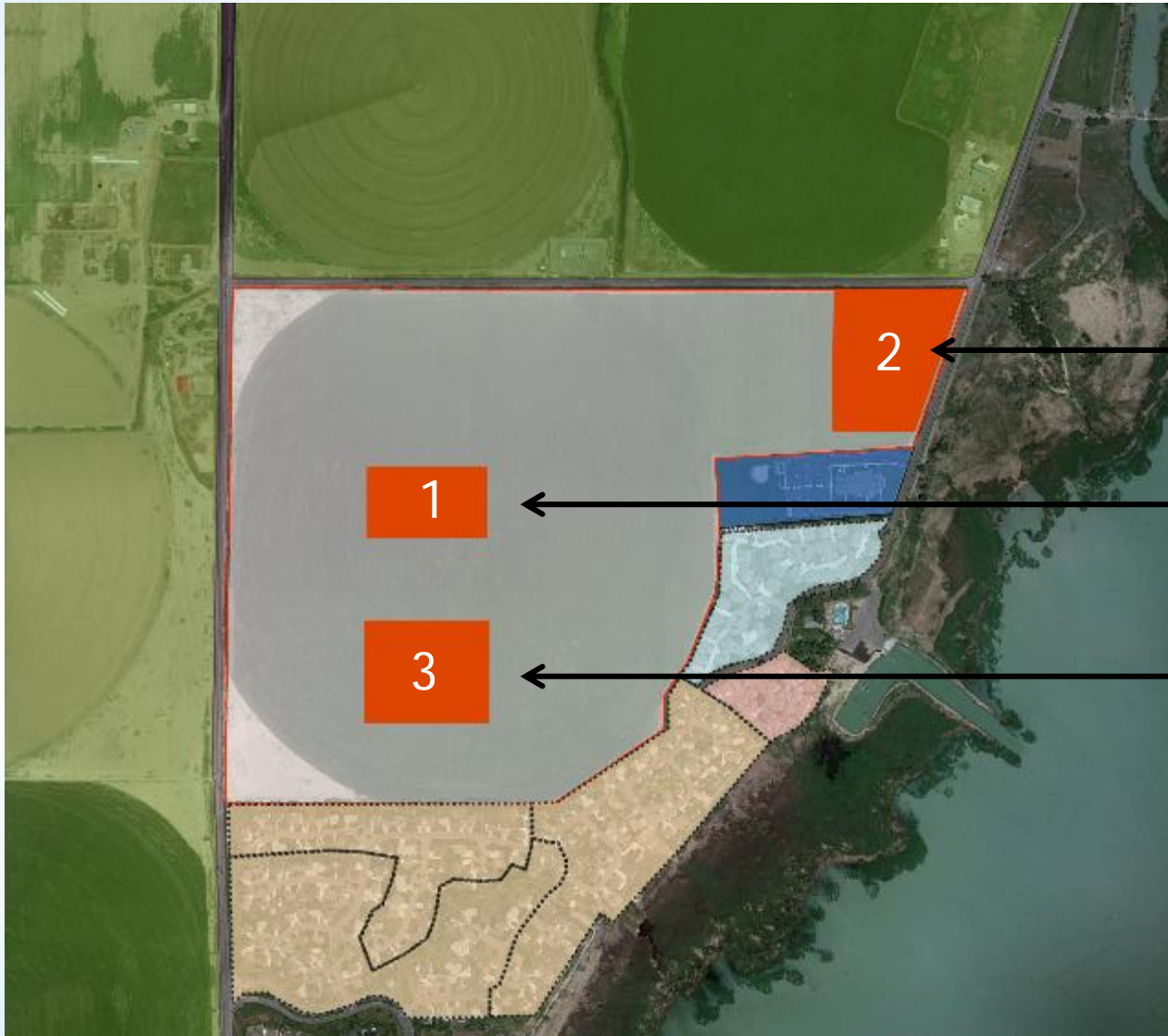


# SITING/LOCATION



■ MAY 20, 2014

# AUDIENCE



CITY

DEVELOPER

SCHOOL DISTRICT



# EFFICIENCY



- 3 Separate Uses



# EFFICIENCY



- 3 Shared Uses



**WASATCH CHOICE**  
— 2050 —

# Creating Walkable Schools from a Planner's Prospective





# DRY CREEK ELEMENTARY

- Isolated Rural Location
  - Cheaper Land
- Inadequate Existing Street Infrastructure/network
- Located on a dead-end ½ street
- 100% of all Driving Trips to School Funnel Through 1 Intersection





Untitled Map

Write a description for your map.

Legend

- Dry Creek Elementary

Dry Creek Elementary

145




3000 ft



# Untitled Map

Write a description for your map.

## Legend

 Dry Creek Elementary



Google earth



# Untitled Map

Write a description for your map.

## Legend

 Dry Creek Elementary

Google earth

© 2016 Google



4.95 ft

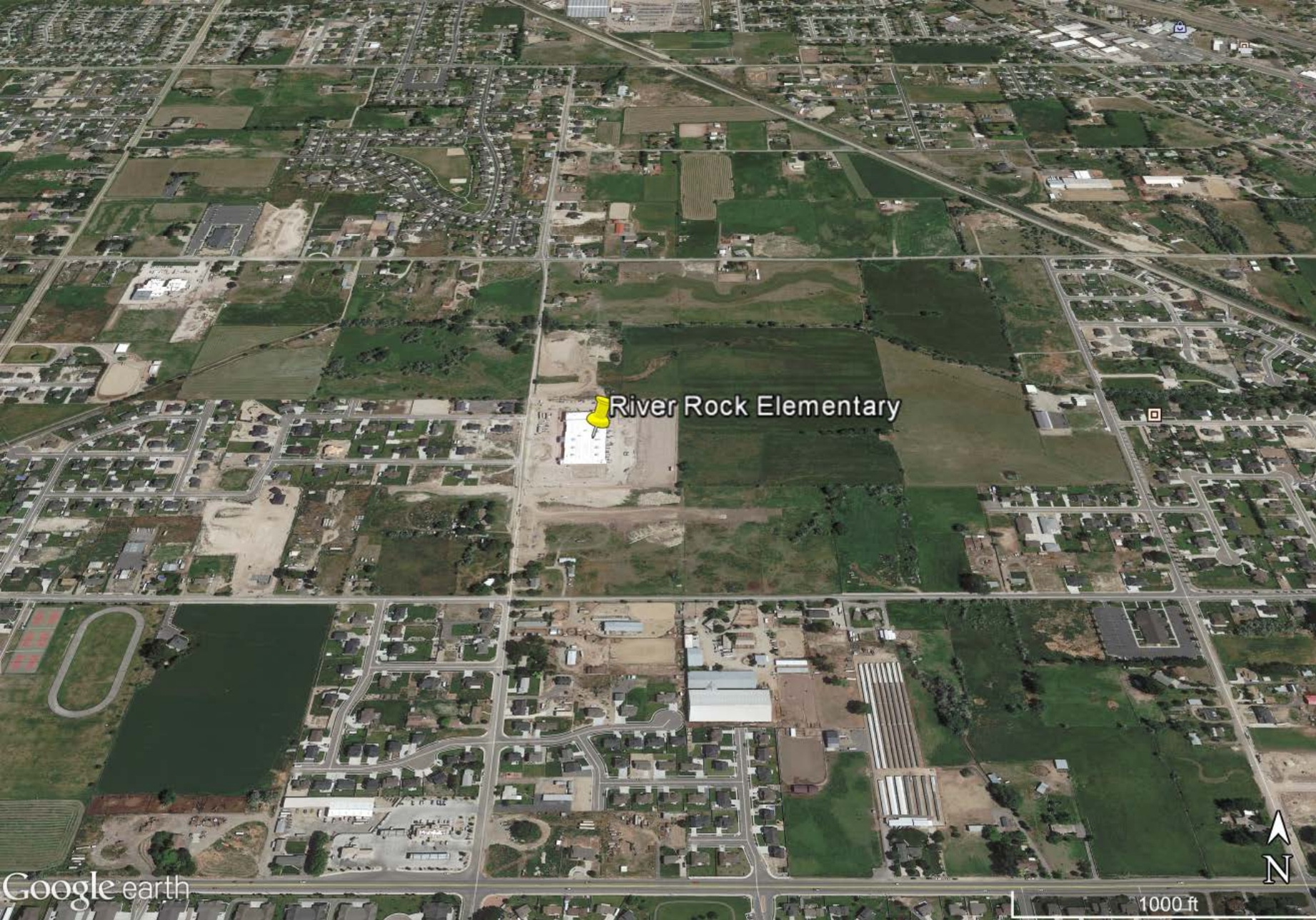


# RIVER ROCK ELEMENTARY

- Isolated Rural Location
  - Cheaper Land
- Inadequate Existing Street Infrastructure/network
- Located on a Collector Road







River Rock Elementary

Google earth

1000 ft





# River Rock Elementary

Write a description for your map.

Legend



Google earth

© 2016 Google

8.40 ft



# TRAVERSE MOUNTAIN ELEMENTARY

- Located in the Heart of a Residential Neighborhood
- Great Existing Street Network and Improvements
- Adjacent to Trails
- Collector Roads on 3 Sides







© 2016 Google

Google earth





© 2016 Google

Google earth

# MICRON PLANNED COMMUNITY

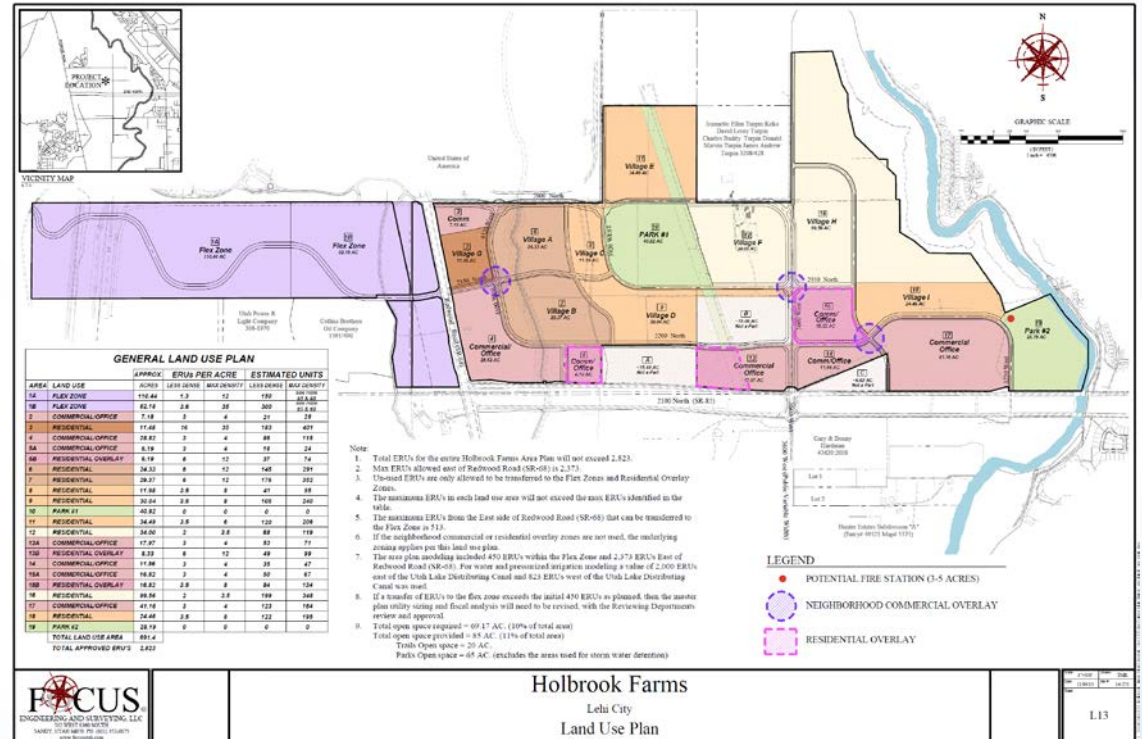
- School District Involved at Onset of Planning Process
- School Sites Integrated into Neighborhoods along Collector Roads

TABULATIONS		
USE	CURRENT AREA	FUTURE AREA
OFFICE	235.3 ACRES	
TECHNICAL / MANUFACTURING	60.0 ACRES	
RETAIL & MIXED USE	38.4 ACRES	
PUBLIC	9.5 ACRES	
MULTI-FAMILY TOWNHOMES	24.5 ACRES	
MULTI-FAMILY CONDO/APARTMENT	26.9 ACRES	
SINGLE FAMILY HOUSING	21.2 ACRES	76.2 ACRES
SCHOOL / PARK	31.0 ACRES	12.0 ACRES
OPEN SPACE	142.1 ACRES	28.7 ACRES
RESTRICTED OPEN SPACE	137.6 ACRES	
<b>TOTAL AREA</b>	<b>727.4 ACRES</b>	<b>116.9 ACRES</b>



# HOLBROOK FARMS PLANNED COMMUNITY

- School District Involved at Onset of Planning Process
- School Sites Integrated into Neighborhoods along Collector Roads





# CHALLENGES TO GOOD SCHOOL PLANNING

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- Utah State Code 10-9a-305
  - Location of Schools is Exempt from Zoning
  - Other Exemptions from Typical City Required Site Planning Standards and Roadway Infrastructure
- Disconnect Between Cities and School Districts
- Costs

# STRATEGIES FOR GOOD SCHOOL PLANNING

- Regular Coordination Meetings Between City and School District
- Early Coordination with Developers
  - Our best experiences in school planning have been on larger master planned projects, where we have been able to get the developer, school district and city talking early on in the process.
- Amend State Code to Require Initial Meeting With City Prior to Site Selection
- Create “Best Practices” Tools For School Site Development
  - High Schools located on major roads vs. center of a neighborhood for Elementary Schools
  - School sites on corner properties
  - proximity to trails, etc.
  - It might be a higher cost to get the right site, but what about other costs that will be incurred for the wrong site (measurable and non-measurable).





# Student Neighborhood Access Program (SNAP)



## Safe Walking Routes

# (RE)CREATE THE WALK-TO-SCHOOL NEIGHBORHOOD

## Best Practices:

- Siting
- Site Design
- Street, Sidewalk & Trail Connections
- Quality, Safety & Security of the Walking Routes
- Planners, Developers and School Districts Working Collaboratively



# (RE)CREATE THE WALK-TO-SCHOOL NEIGHBORHOOD

## *EFFORTS IN ENHANCING COLLABORATION*





# SNAP PLAN - SAFE WALKING ROUTE



# (RE)CREATE THE WALK-TO-SCHOOL NEIGHBORHOOD

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QUESTIONS?



**WASATCH CHOICE**  
— 2050 —

# (Re)Creating the Walk-To-School

