Big Darby Town Center Master Plan

Design Charrette 25-28 January 2010

Big Darby Town Center Schedule

Phase 1	Advisory Group Meeting Focus Group Meetings First Public Meeting	27 Oct '09 28 Oct '09 28 Oct '09
Phase 2	Advisory Group Meeting Town Center Design Charrette Second Public Meeting	8-9 Dec '09 25-28 Jan '10 28 Jan '10
Phase 3	Advisory Group Meeting Third Public Meeting	March/April '10 March/April '10

UDA | DW | AES | STV | WK | RCLCO | B&E | PROJECT SCHEDULE

Three Questions:

1. What are the best things about this area?

- What should we preserve, build on, or complement with design?

2. What are the worst things?

- What are the current problems that should be/could be solved through design?
- What are your concerns that we need to address?

3. What is your vision for the Town Center?

- What uses would you like to see?
- What should the character be? Are there good examples within the region?

Strengths of the Town Center Area

- 1. Quiet and scenic setting. Darby is listed as a state and federal scenic river.
- 2. Watershed and associated park system with bike and pedestrian trails
- 3. Rural landscape. This area is the start of the eastern prairie, landscape is notable.
- 4. Proximity to Downtown Columbus, Hilliard, and Dublin, while still feeling like you are in the country
- 5. Gateway into Franklin County from the West
- 6. Multi-jurisdictional agreements in place.
- 7. MetroParks, Nature Conservancy and Franklin Soil and Water are already investing in conservation in the watershed
- 8. Hilliard School District

Weaknesses of the Town Center Area

- 1. Lack of good retail, restaurants and basic amenities.
- 2. Minimal pedestrian connectivity to schools, services, and retail, as well as a lack of public transportation.
- 3. Stormwater management and issues with flooding.
- 4. Escalating crime and the blighting influence of vacant stores and properties on West Broad.
- 5. Perception of this side of town
- 6. Southwestern School District
- 7. Many different land owners in the town center area. Multi-jurisdictional involvement.
- 8. Loss of agricultural land, and at the same time, agricultural uses have been part of the water quality problem.

Visions for the Town Center Area

- Authentic Central Ohio village real and from the heart.
- 2. Green network that links the natural features and park spaces, while expanding pedestrian and bike trails throughout.
- 3. Enhance public transportation to serve the Darby Area and provide access to areas in and around Columbus (Hilliard, Dublin, Downtown Columbus, the University, etc.)
- 4. A variety of uses to include: stores, restaurants, pharmacy, library, and other conveniences. Also, a variety of residential types and sizes including larger lots.
- 5. A community gathering space village green, square, or lawn.
- 6. Sustainable infrastructure and development, in keeping with the environmental goals of the Accord

Visions for the Town Center Area (continued)

- 7. Sensitive to the existing rural character keep the countryside close
- 8. Streets should be unique and livable, they shouldn't be barriers. (good examples include German Village, Worthington, Victorian Village around Goodale Park)
- 9. Nurturing and thriving place, think about who is raised there and what they are able to accomplish
- 10. Inviting
- 11. Accommodate all ages and generations of the family.

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What we've accomplished

- Understanding the site and regional context
- Identifying relevant precedents
- Initial Public Input: Strengths, Weaknesses, and Visions
- Initial basemapping and analysis diagrams
- Development scenarios for discussion

- Establish Town Center
 Design Principles
- Verify analysis drawings and information
- Identify constraints
- Test capacity, densities and location of the Town Center
- Develop conservation and development strategy

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What's to come

- Testing of design alternatives
- Development program refinement
- Reconvening of focus groups and open public meetings
- Final plan recommendations and documents
- Implementation Strategy

Design Charrette:

Monday	Tuesday	Wednesday	Thursday	Friday
1:00pm Team Arrives	9:30am Transportation	D	D	8:30am Client Wrap-
and Sets Up	Focus Group	E	Е	Up Meeting
		S	S	
3:00pm Client Meeting	10:00am Southwestern	1	1	
	Schools	G	G	
5:00pm Advisory		N	N	
Committee	11:00am Environment			
Meeting	Focus Group	W	W	
		O	0	
6:30pm Public Meeting		R	R	
(Technical	Land Owners	K	K	
Presentations)	Focus Group	S	S	
		E	E .	
	2:30pm Utilities &	S	S	
	Infrastructure	S	S	
	Focus Group	<u>l</u>		
		0	0	
	3:00pm Hilliard Schools	N	N	
		5:30pm Client Review	6:30pm Public Meeting	
	4:00pm Public Safety		(Design	
	Focus Group		Presentation)	

UDA | DW | AES | STV | WK | RCLCO | B&E | PROJECT SCHEDULE

Big Darby Town Center Design Team

Process/Urban Design Urban Design Associates

Landscape Design Workshop

Environment/Ecology Applied Ecological Services

Infrastructure/Engineering STV, Inc.

Traffic Engineering Walter Kulash

Market Study/Implementation Strategy RCLCO

Regulatory/Funding Strategy Bricker & Eckler

Ecology & Environment

Recap from early focus groups:

- Honor goals of BDA emphasize protection of open spaces and natural resources in this sensitive watershed
- Link wetlands, woodlands, and riparian areas in a network of green corridors
- Protect biodiversity and rare species in aquatic and terrestrial ecosystems

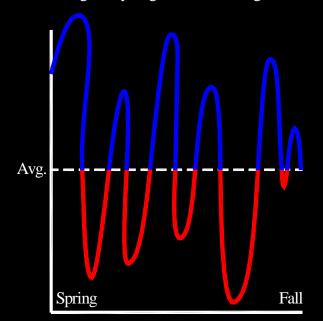
Stormwater Considerations

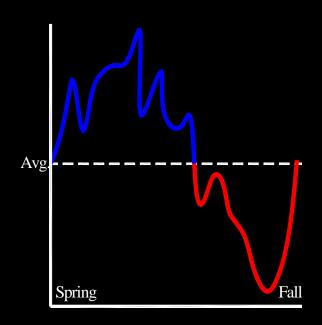
Recharge requirements (OEPA permit)

- AES analysis estimates 2-5.5% of developed area needed for infiltration elements
- 10% of developed area for naturalized treatment wetlands
- Drain tile lines run through portions of project area
- Stream setbacks protected through County ordinance
- Stormwater quality/quantity regulations aim to exceed minimum requirements

Annual Hydrographs and Normal Average Water Levels for Restored Wetlands.

Designed by Engineers vs. Ecologists





Engineering Approach to Hydrology

- * Unpredictable Swings in Water Levels
- * Creates Biological Instability
- * Promotes Habitats for Weeds and Poor Aesthetics
- * Promotes Poor Water Quality

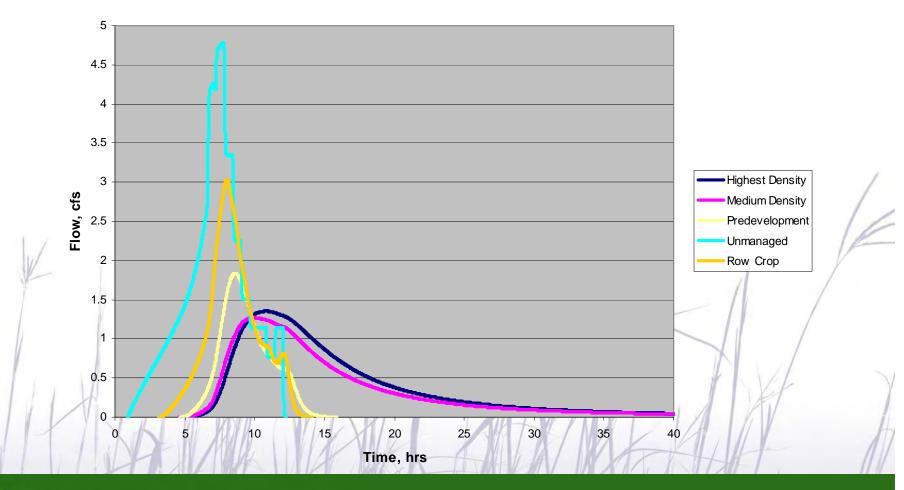
Ecologist Approach to Hydrology

- * Annual Seasonal High and Low
- * Predictable Hydraulics and Seasonal Trajectory
- * Promotes Habitat for Stable yet Dynamic Plant Communities (Diversity of Plants and Animals)

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Initial Hydrologic Analysis

Surface Runoff Hydrographs for 2-yr, 12-hr Storm



Water Quality Modeling

Percent Removal:

	High Density	Medium Density
Total Suspended solids	99.95%	98.9%
Total Phosphorus	97.8%	94.5%
Metals	96.9%	93.1%
Hydrocarbons	99.3%	97.7%

Total pollutant loads (lbs/yr) for "typical" year:

	High Density	Medium Density
Total Suspended solids	4.32	63.75
Total Phosphorus	0.56	1.07
Copper	0.08	0.14
Lead	0.01	0.03
Zinc	3.49	5.44
Hydrocarbons	1.46	3.52

Same two watersheds with same stormwater treatment elements modeled using P8 Urban Catchment Model. Larger percentage area devoted to filtration planters in high-density scenario.

AES Approach to Stormwater Management

Naturalized stormwater treatment through the Stormwater Treatment Train (STT):



Stormwater Treatment Train



Filtration/Infiltration Elements in an Urban Setting







Environmental Services, 2009, City of Portland, OR

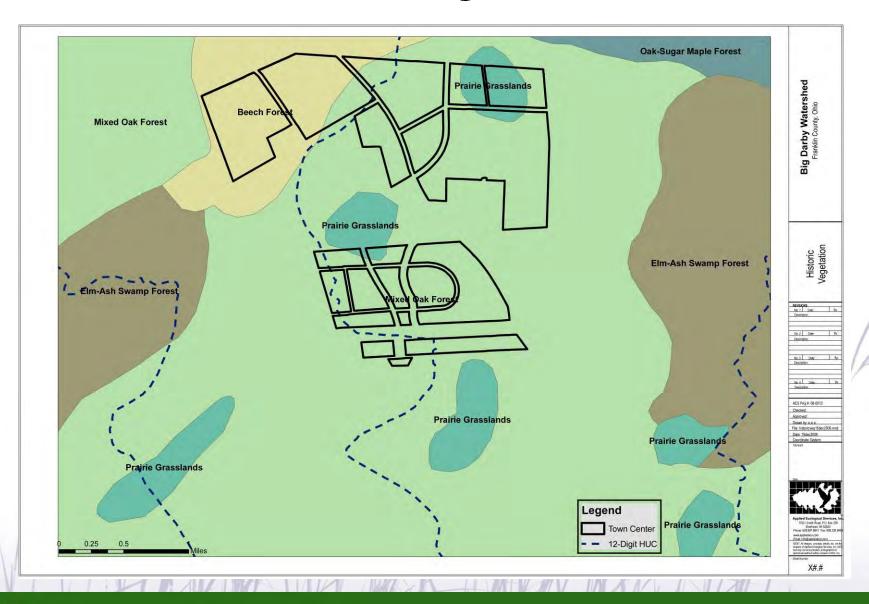


APPLIED ECOLOGICAL SERVICES, INC.

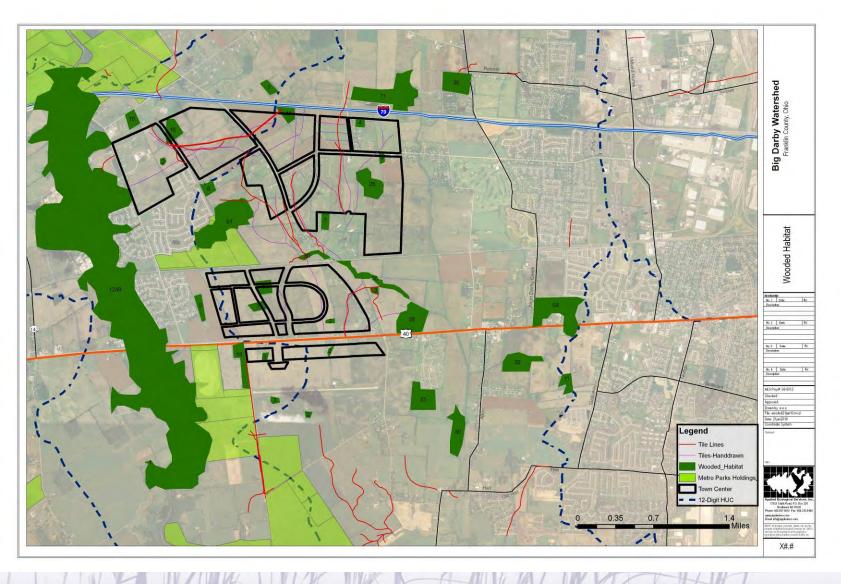
Ecological Planning Maps



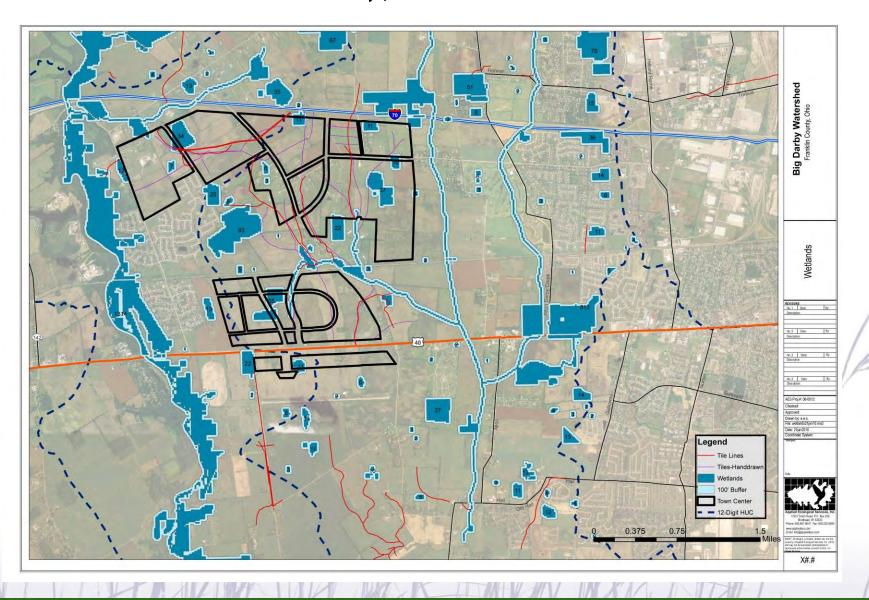
Historic Vegetation



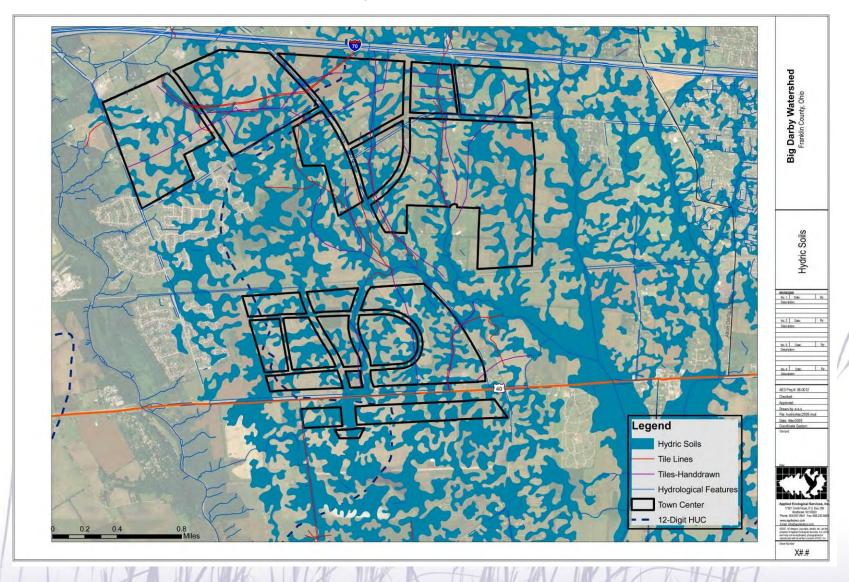
Wooded Habitat



Wetlands



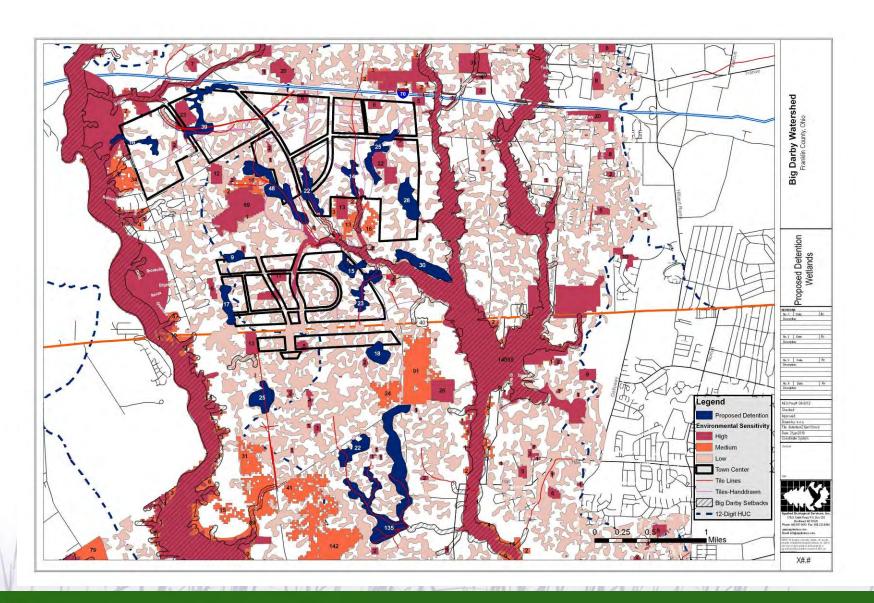
Hydric Soils



Drainage Corridors

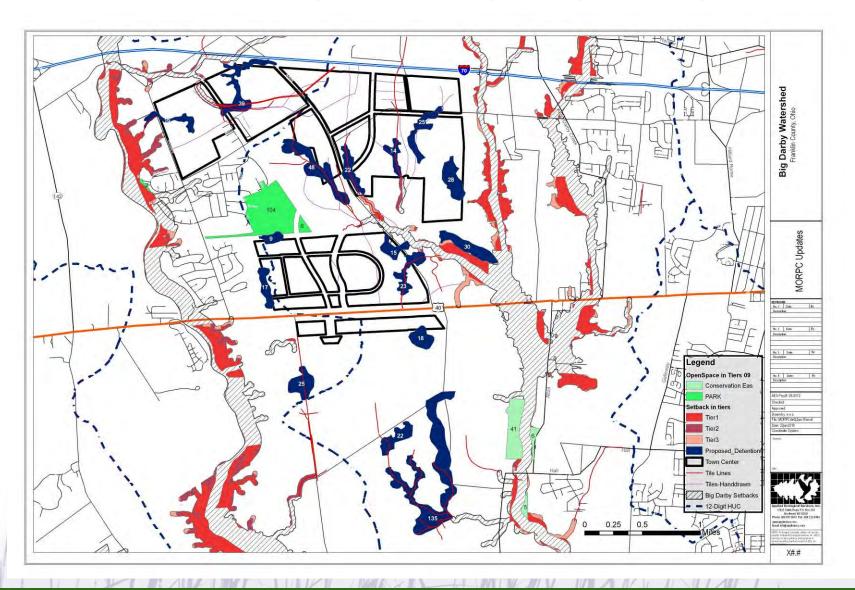


Potential Stormwater Wetland Locations (Blue)



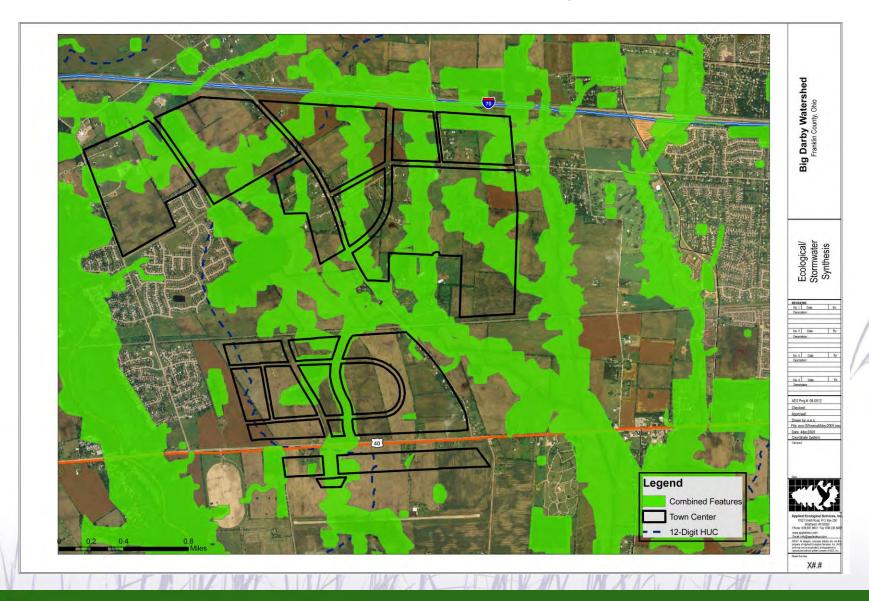


MORPC Updates to Open Space Map





Ecological/Stormwater Synthesis



Key Design Principles

- 1) Preserve and enhance all natural features within the Town Center footprint, linking wetlands, woodlands, and riparian areas through a network of green corridors.
- 2) Preserve and restore native biodiversity.
- 3) Incorporate educational opportunities through well-located, well-integrated ecologically sensitive design. Tie into school curricula wherever possible.
- 4) Ensure that development strategies at all levels reduce impacts to natural resources and protect and restore ecosystem services.
- 5) Identify and protect threatened, endangered, and declining species in the greater Big Darby Accord planning area.

Market Analysis

BIG DARBY PROCESS REVIEW

Stage 1	Stage 2	Stage 3	Stage 4
Preliminary Program Hypothesis	Outreach & Stress-Testing	Feasibility Analysis	Next Steps
Economic Analysis	Detailed product-level	Phasing and	Deal structuring
Demographic	feasibility	absorption modeling	Financial
Analysis	Stakeholder	Analysis of financial	Optimization
Competitive Market	Interviews	implications by product type	Market-Testing
Analysis	Additional market	product type	Market-Testing
Demand Forecast	analysis and research	Preliminary scenario modeling	Identify and secure sources of capital
Preliminary Program	Decidual Land Value	5	
Interface with Design	Residual Land Value Analyses	Revenue modeling	Negotiate terms
Team	,a.j coc	Implementation	Assist in
		Recommendations	Development
→ Moderate re-		→ Confirmed	Process
direct of Program	assumptions	optimal program	



Assumptions

direction

changed slightly

CONCLUSIONS AND CRITICAL SUCCESS FACTORS QUALITY "PLACEMAKING" IS CRUCIAL

RESIDENTIAL

- Single-family residential represents the most feasible and least risky development option at the Big Darby Town Center site
- In the near-term, higher density residential product is not feasible
- With appropriate
 "placemaking,"
 townhomes and
 eventually condominiums
 and apartments could
 become feasible
- Realistic starting price assumptions, e.g. an average sales price of ~\$200,000, are critical to the success of any residential development at the Big Darby Town Center

OFFICE

- Current demand for new office space in the vicinity of the Big Darby Town Center is minimal
- More likely destinations for new office tenants, such as Dublin/Hilliard have an oversupply of new office space
- Long-term opportunity for new office space could develop as supply and demand balance returns to Dublin/Hilliard in 10 – 15 years
- Success will depend on the attraction of "place" at the Big Darby Town Center

RETAIL

- Substantial amounts of potentially competitive retail space exists west of I-270
- Immediate site vicinity lacks retail, however and there is an opportunity to serve the local residents
- The Big Darby Town Center's retail must offer a new and unique experience that distinguishes it from nearby competition
- Successful retail is vital to "placemaking," but low market lease rates mean that retail space at the Town Center may be a "loss leader" for the near to medium term

HOSPITALITY

- Proposed Town Center's proximity to the Darby House, which draws thousands of people each year, helps make a boutique hotel feasible
- The Town Center environment can distinguish the hotel from its competition
- The hospitality component may actually drive the development program, as it creates a built-in brand on which to create excitement and buzz about the location



NEAR-TERM DEVELOPMENT TRAJECTORY HARNESSES EXISTING DEMAND – COMPLETE BY 2025

Development Stewardship Entity

Site Control

Placemaking Strategy

Marketing Plan

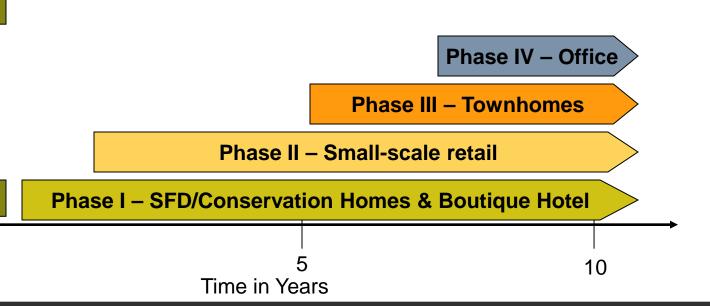
Fiscal Resolution

Foundations

Strategy capitalizes on near-term demand for single-family homes and conservation lots.

Depends on outstanding placemaking and market positioning strategy to cultivate demand and become buzzworthy

Possibility to integrate age-targeted or age-restricted concepts into residential program, especially for upper price points located outside of Hilliard school district or on conservation lots





LONG-TERM DEVELOPMENT TRAJECTORY CATALYZES HIGHER DENSITY – COMPLETE BY 2045

Development Stewardship Entity

Site Control

Placemaking Strategy

Marketing Plan

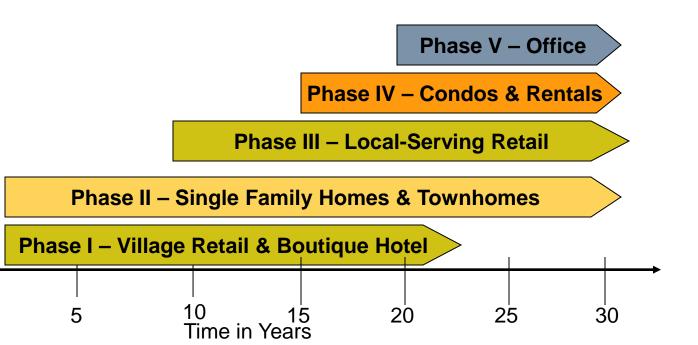
Fiscal Resolution

Patient Capital

Foundations

Strategy catalyzes higher-density development tomorrow by investing in walkable commercial infrastructure today.

Depends not only on outstanding placemaking, but also the cultivation of a patient source of capital capable of assuming near-term development risk – and potential negative cash flow – from catalytic commercial component.





TRAJECTORY COMPARISON DECISION POINT FOR STAKEHOLDER GROUPS

Near Term Trajectory

Feasible via market forces

Reasonable levels of risk, maintain site control

Low levels of return

Achieves Darby goal alongside TDR or zoning intervention

Long Term Trajectory

Requires a "development champion"

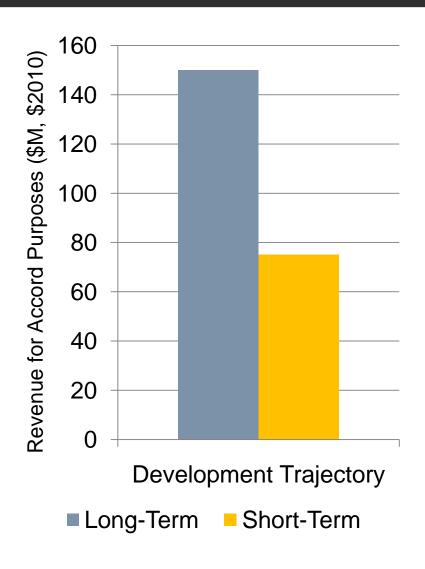
High level of risk, loss of site control

Achieves Darby goal via TIF and NCA funding mechanisms

May require TDR, but not required



SUPPORT OF ACCORD PURPOSES



Based on a very preliminary estimate of total Accord-purpose monies generated (in \$2010), the long-term, high-density development trajectory appears to generate value in the neighborhood of that which was forecasted in the existing Big Darby Revenue Assumptions working documents.

At this point these values are still being refined and could swing up or down by tens of millions of dollars.

What is unclear is whether this amount is enough to purchase all of the conservation land, and if not, how much.



Big Darby Town Center Program

For Sale Residential Conservation Lots Village Single-Family Townhouse Condo	3,480 du. 145 1,020 1,835 480	1,701 ac. 1,243 291 143 24
Multi-family, For Rent	150 du.	7 ac.
Retail	300,000 sf.	10 ac.
Office	360,000 sf.	16 ac.
Hotel	100 rms.	8 ac.

UDA | DW | AES | STV | WK | RCLCO | B&E | PROGRAM

IMPLEMENTATION

- 30-year development plan is risky as-is, but the prospect of dealing with multiple government jurisdictions will likely kill any chance of private developer participation
- 2. Critical to establish one entity with the authority and capacity to oversee the project from concept to completion. This entity, which could take one of many forms, needs to be in place as soon as possible and be the undisputed sole source of information, decision making, and land use authority for the Town Center and Accord lands.
- 3. Various methods of implementation have been proposed. Choosing the right method depends on a clear understanding of the public sector's ability to raise capital, its capacity to handle complexity, its tolerance for risk, and the degree of control it needs to exercise over the development.



Open Space & Recreation

TOTAL OPEN SPACE

NATURAL RESOURCE AREA & PRESERVE PARKS & RECREATION

VISUAL RESOURCES & CULTURAL LANDSCAPES REQUIRED LAND FOR STORMWATER MANAGEMENT Natural Resource Area & Preserve: 700 acres Tier lands out of the 2,000 acres from AES analysis.

Stormwater Infiltration Elements: 2% to 5.5% of the developed area recommended by AES. Additionally 10% of the developed area should be targeted for larger naturalized stormwater treatment.

Parks and Recreation: approximately 24 acres according to the National Recreation and Park Association Standards.

Visional Resources and Cultural Landscapes: feedback from stakeholders essential in final identification of these resources.

Future community population assumptions: approximately 7,400 people

Park Type	*NRPA Guidelines acres/1000 people			Number of Parks	**TSS Standards acres/1000 people
Pocket Park	.52/1000	4	0.50	8	NA
Neighborhood Park	.85/1000	6	8.00	1	2/1000
Community Park	.93/1000	7	21.50	possibly 1	6.5/1000
Athletic Complex	.89/1000	7	15.00	possibly 1	NA

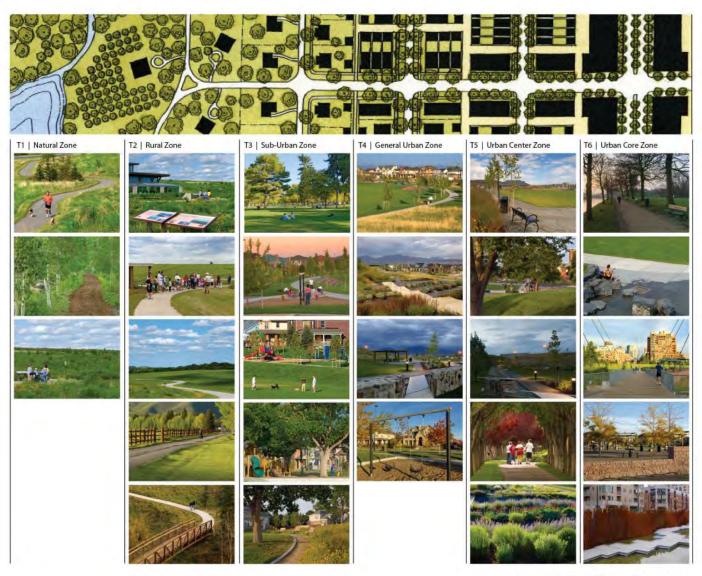
TOTAL 24

^{*} Based on Parks Planning Guidelines 3rd Ed. National Recreation and Park Association

		Town Center # of	
Sport	Facilities per 1,000 population	Facilities	Notes
Multicourt	Min 1 + 1/2,000 - light 25-50%	3.7	1.5 mile maximum radius
Handball	Min 1 + 1/5,000-10,000	1.5	
Volleyball	1/2,000 to 1/3-4,000	3.7	communities 10,000+
Shuffleboard	Min 1-2 + 1/2,000 - light 25%	1.5	communities over 500
	1 goal/500		communities under 3,000
	1 goal/1,000 + one full court		communities over 3,000
Basketball	1 acre/5,000 persons	7.4	
Croquet	1/2,000-light 25%	3.7	
Horseshoe	Min 2 + 1/2,000 - light 25-50%	3.7	communities over 500
Softball	Min 1 + 1/3,000 - light 50%	2.5	communities over 1,000
	1/10,000		
Little league	Min 1 + 1/4,000 - light 25%	1.9	
	1/3,000		
	Min 1 + 1/6,000 - light 50%		community over 1500
	1/30,000		
Baseball	1/6,000	1.2	community 1 mile max radius
	Min 1 + 1/5-15,000		
	Min 1 + 1/8,000 for football		
	2 acres/1,000		
Football / soccer	1/80,000	0.9	
	Min 1 + 1/2,000 - light 50-76%		community 0.67 miles radius
	1/1,000		
	1/2,000		
- ·	1500 s.f./player	A =	
Tennis	1 acre/5,000	3.7	
	Approximate 20 acres		4.0 11 00 11
	1/5,000-lighted		1-2 miles or 20 minutes
Athletic field	accommodate 200 people/acre	1.5	
*Time Saver Standar	ds for Landscape Architecture, 2nd Edition, Table	210-1, p 210-13	

Recreation Programmatic Elements and Community Amenities

National Precedent



DRAFT

BIG DARBY TOWN CENTER

PARKS & OPEN SPACE TRANSECTS

Visual Resources and Cultural Landscapes

Regional Precedent



DRAFT

BIG DARBY TOWN CENTER

PARKS & OPEN SPACE TRANSECTS

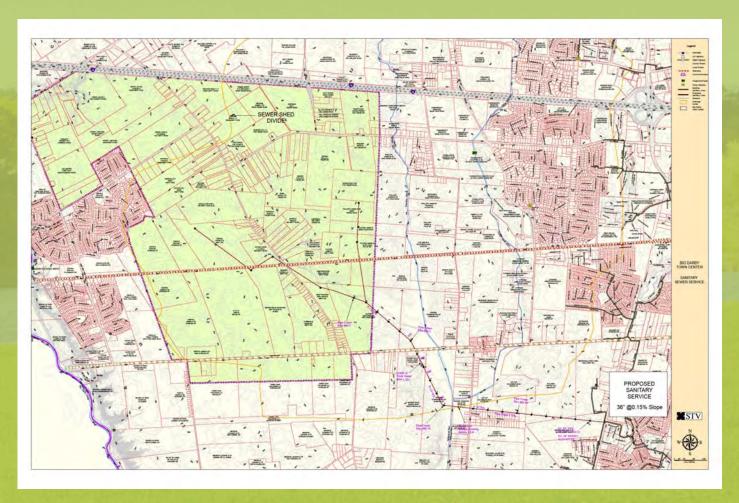
Infrastructure & Utilities

Design Principles

- Provide Utility Service with the Goal of Minimizing Environmental Impacts to Big Darby Creek and Tributaries
- Provide Utility Service that is Cost Effective – Preserve Project Funds for Environmental Conservation Goals

Sanitary Sewer Service

- Big Darby Town Center Flows
- Estimated Peak Daily Sanitary Flows: 21 cfs / 13.7 MGD (Peak Flow with I/I)
- Estimated Average Daily Sanitary Flows: 8.1 mgd (Average Flow with I/I)
- Development Scenarios:
- Scenario #1: 5000 sfdu
- Scenario #2: 3200 SFDU, 1500 TH, 1000 MFDU
- Scenario #3: 3000 SFDU, 1500 TH, 1000 MFDU, 300,000 sf Commercial/Retail

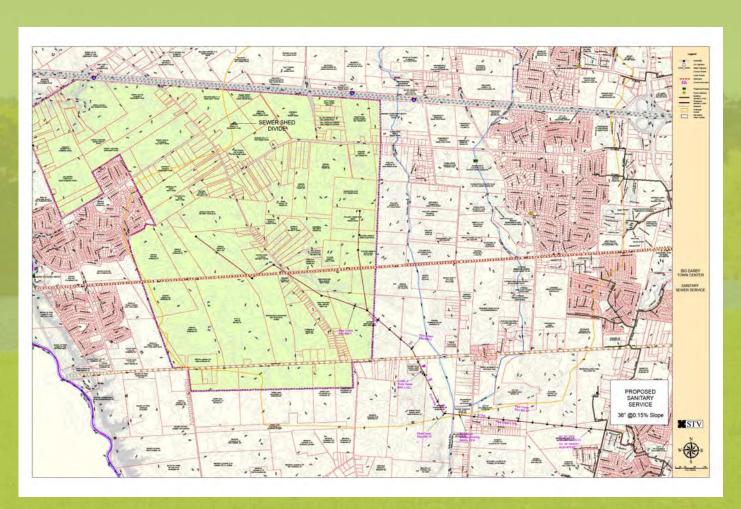




Sanitary Sewer Service Options & Background

Connect to City of Columbus Centralized Sewer

- Connect to City of Columbus Centralized Sewer - Utilize Existing Capacity of Jackson Pike Wastewater Treatment Plant
- Combined Peak Capacity of Jackson Pike and Southerly Wastewater Treatment Plants 300 MGD
- Treatment Plant Capacity Increasing to 150 MGD at Jackson Pike and 330 MGD at Southerly WTP
- City of Columbus Programming to Enhance Collection System Conditions to Reduce Infiltration/Inflows into Sanitary Sewer Collection System
- Big Darby Town Center Outfall Sewer -Connect to 54" Big Run Trunk Sewer
- Big Darby Town Center Gravity Outfall Sewer – approximate 36" sewer – 12,300 LF - \$4.3 million
- Outfall Sewer Preliminary Analysis Gravity Sewer Outfall Feasible if Flexibility in Design Criteria
- If Pump Station Required Approximate Cost \$6 million
- Sewer Capacity Charges \$5574 per unit / \$27.9 million

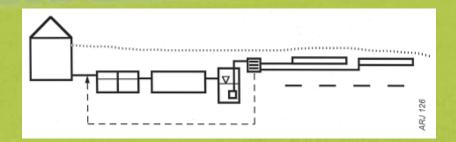




Sanitary Sewer Service Options

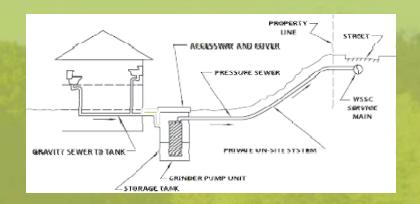
NW Corner of Site:

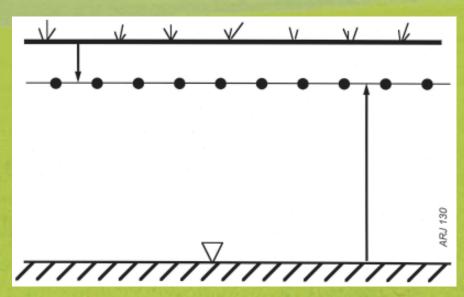
- Onsite Natural Sewershed Divide Ridge of Site Northwest Corner of Site Drains West Directly to Big Darby Creek - More Difficult To Provide Sewer Service
- Grinder Pumps Pump over to east and into Central Sewer System
- Conservation/Large Lot with Community Based Septic and Land Application or Drip Irrigation
- Considerations well drained soils, groundwater table depth, land area requirements for drip irrigation fields



Drip Irrigation Graphic

source Penn State College of Agricultural Sciences www.abe.psu.edu

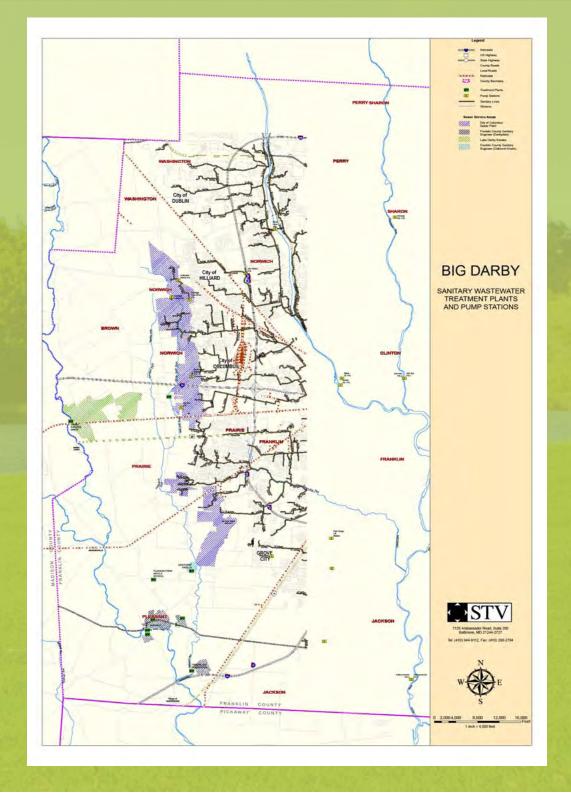






<u>Sanitary Sewer – Other Treatment Plants</u>

- Nine WTP in the Vicinity sized for project specific flows
- Existing Darby Estates WTP 300,000 GPD capacity sized for existing subdivision – direct discharge to Big Darby Creek – at Capacity
- Existing Oakhurst Knolls WTP 4.6 miles downstream of Big Darby Town Center – 100,000 GPD capacity – at capacity
- Big Darby Town Center Flows 13.7 million GPD peak,
 8.1 million GPD average
- New Treatment Plant in the Big Darby Creek Watershed?
 Ohio EPA Not Advocating Would Require Full Anti-Degradation Review and Positive Ruling – Ohio EPA Water Quality Standard OAC-3745-1-05



Water Service Options

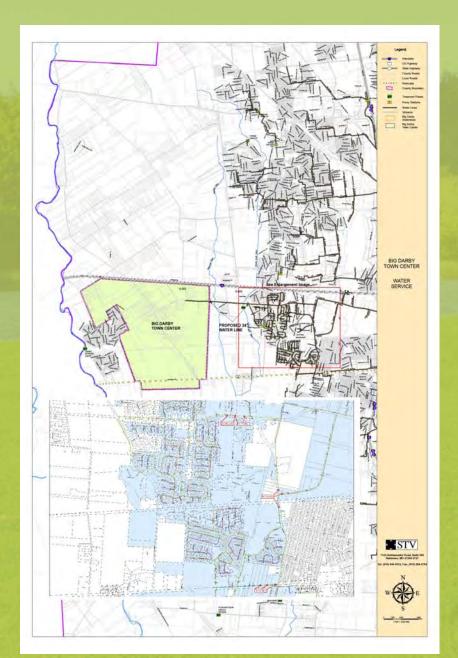
- Water Service Option -Connect to Central City of Columbus Water Supply System
- Big Darby Town Center Domestic Flows 2.275 mgd and Fire Flows 2500 gpm
- Existing Twin Water
 Storage Tanks at
 Hilliard Rome Road 4
 mgd Storage Capacity
- Existing 36" and 24"
 Water Mains along
 Hilliard Rome Road
- Existing 12" Water Main along Feder Road - Not Adequate to Serve Big Darby Town Center – Replace or Supplement Feder Road Water Main





Water Service Options

- Connect to Central Columbus Water
 System Option 1: Utilize Existing Water
 Storage Tanks at Hilliard Rome Road –
 Extend 24" Water Line along Feder Road
 – 12,000 L.F. Estimated Cost \$5.8
 Million
- Connect to Central Columbus Water
 System Option 2: Construct New Water
 Storage Tank at Big Darby Town Center
 Site 755k Gallon Tank Extend 16" Water
 Line along Feder Road 12,000 L.F. –
 Estimated Cost \$5.85 Million
- <u>Stand Alone Water System:</u> Requires
 Water Supply Adequacy of Groundwater
 Source? Well Yield? Requires Onsite
 Water Treatment Quality of Groundwater
 Unknown Further Information Needed to
 Evaluate Feasibility and Cost





Electric Service

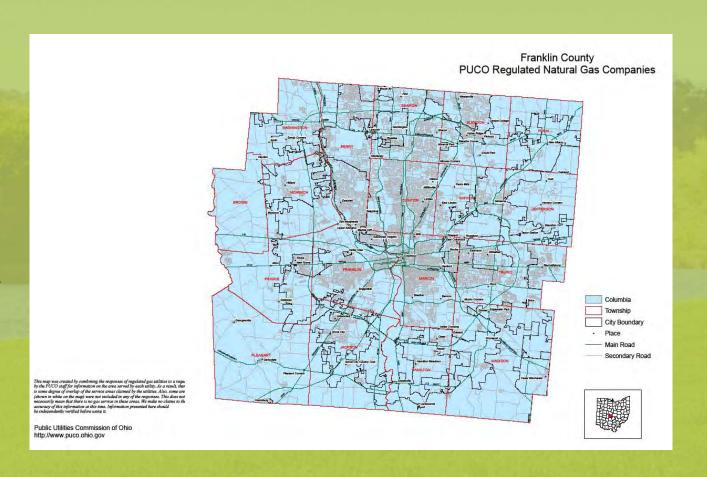
- American Electric Power Company Service Area
- Existing 3 Phase Service Along Amity Road and Feder Road
- Proposed Substation Near Columbus South Ohio Railroad & Cole Road
- Capacity to Serve Yes
- Developer Required to Trench AEP Extends Overhead Service to Site – Cost Premium for Buried Line – Cost Sharing for Commercial Service

Gas Service

- Columbia Gas of Ohio Service Area
- Nearest Service 16" high pressure Line Hilliard Rome Road – 4" Service Line Feder Road – 8" Service Line Delllinger Road west of Amity Road

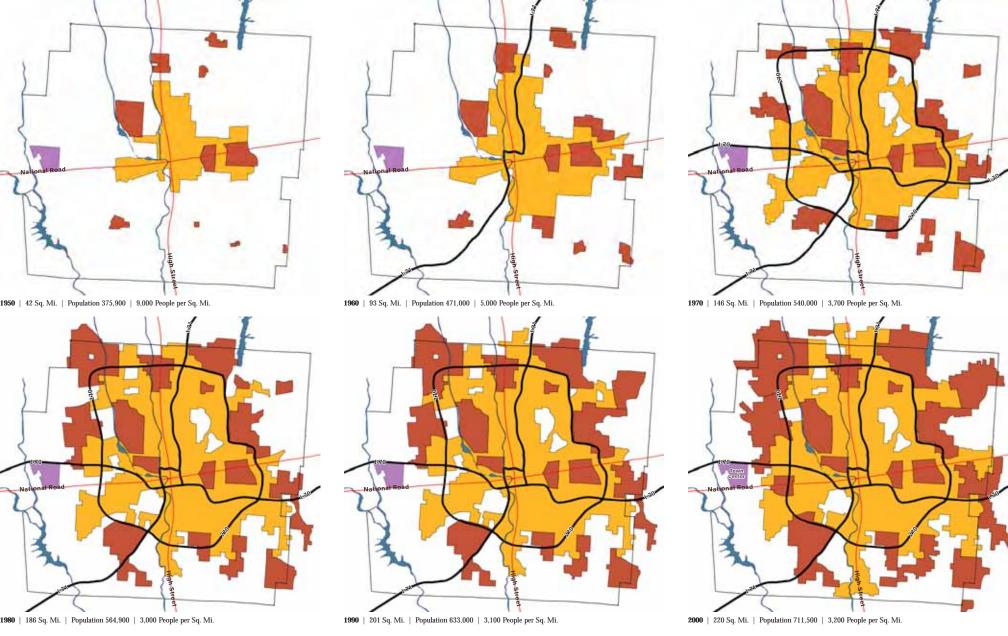
Telecommunications Service

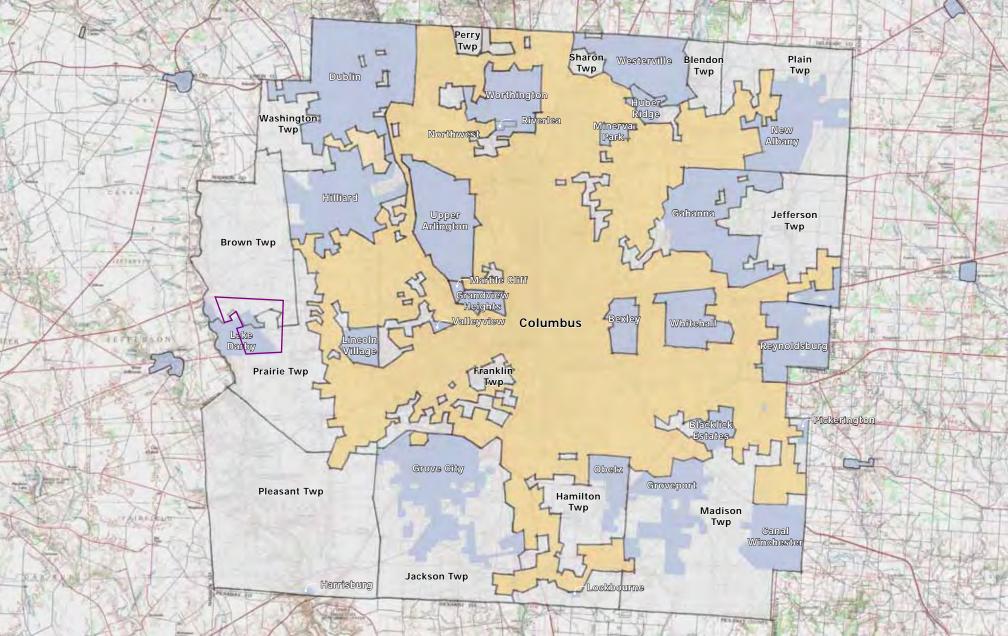
AT&T Ohio

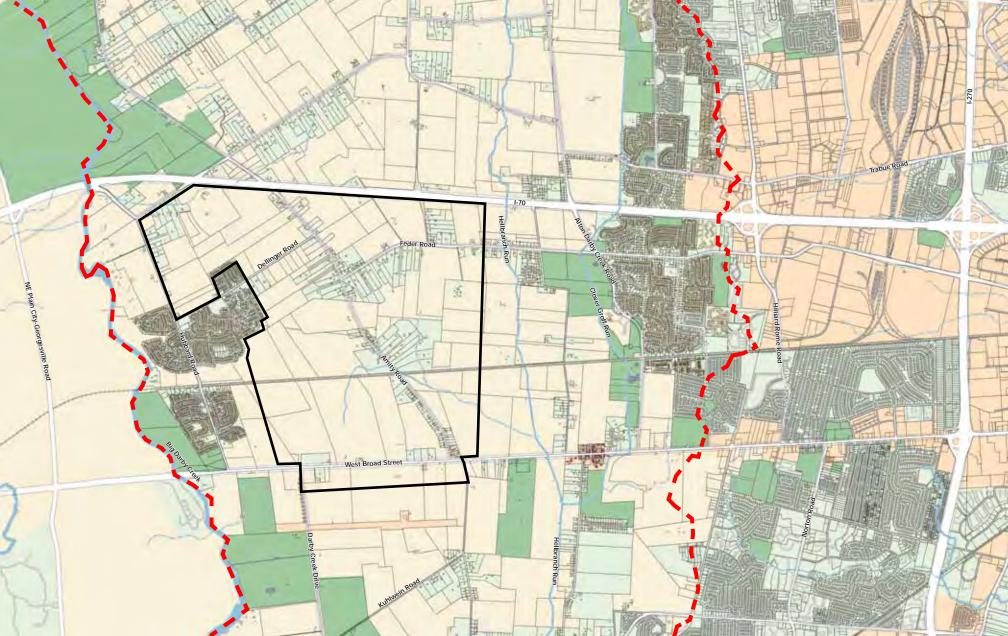


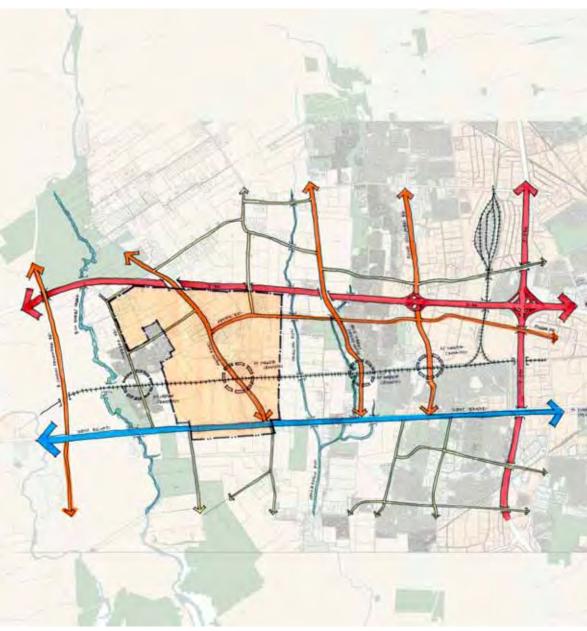


Urban Design











I-70 from Amity Road Overpass



West Broad Street, Looking west from Darby Creek Road



West Broad Street, Looking west from Darby Creek Road

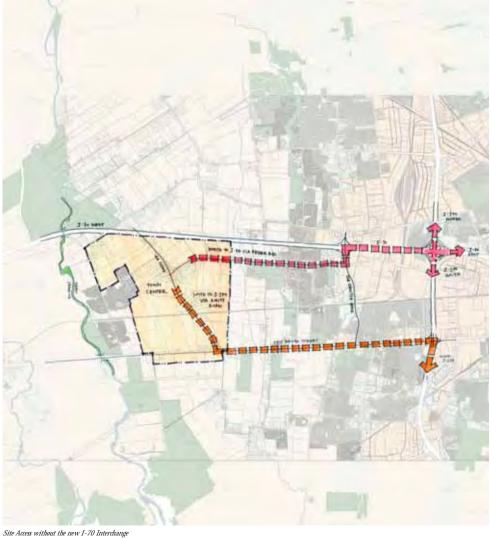


Train tracks looking west from Hilliad-Rome Road



West Broad Street in Prairie Township (Lincoln Village Plaza Shopping Center)

Site Access and Constraints Diagram



Design Principles

- 1. Create an authentic Central Ohio village, evolving the best traditions of this region, incorporating development within this rich rural landscape
- 2. Develop an appropriate mix of uses that generate adequate revenue for the specific purpose of conserving lands according to the guidelines of the Big Darby Accord
- 3. Plan roads, streets, paths and trails as the armature on which the community is supported, each providing opportunities for neighborly interaction and a full spectrum of transportation options.
- 4. Stormwater management needs to be evaluated on a variety of scales and incoprorated in such a way as to be viable from day one not relying on larger moves to come on later in the development phasing addressing both the quantity and quality of runoff.
- 5. Preserve and enhance all natural features within the town center footprint, linking habitat, wood-

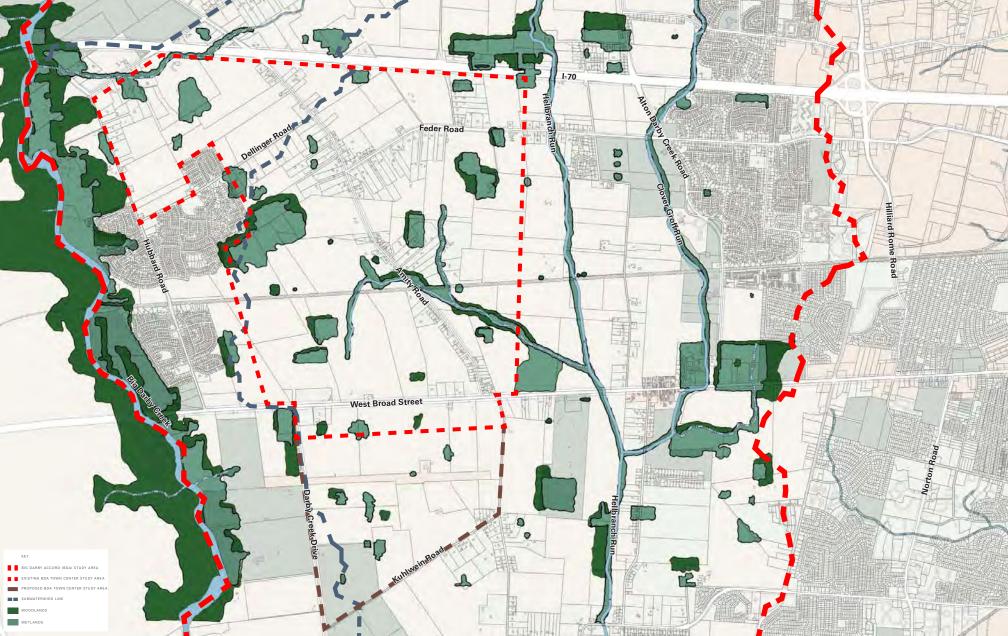
Design Principles (Continued)

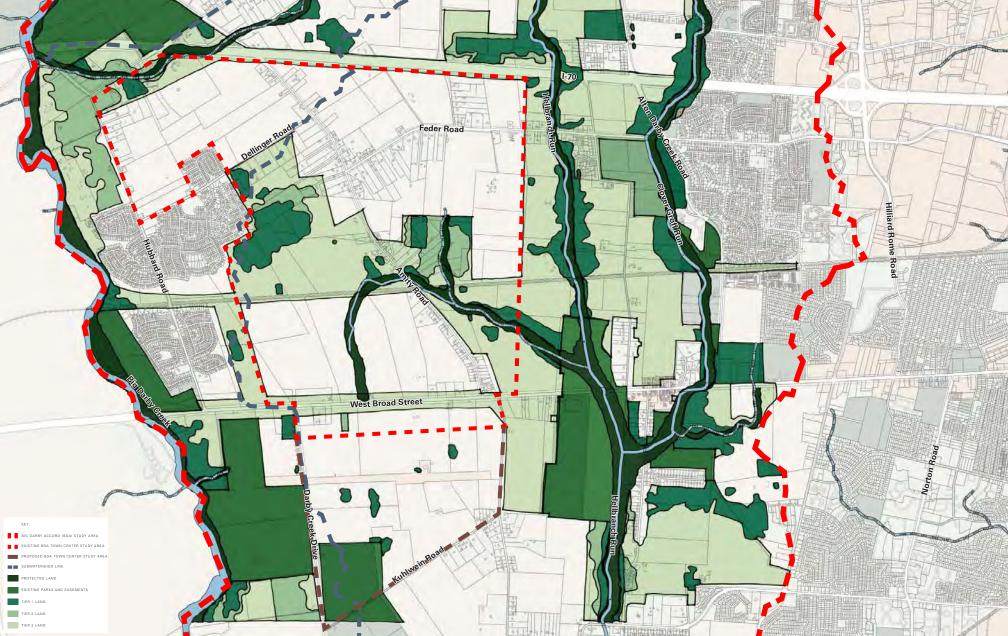
lands, and riparian areas through a network of green corridors.

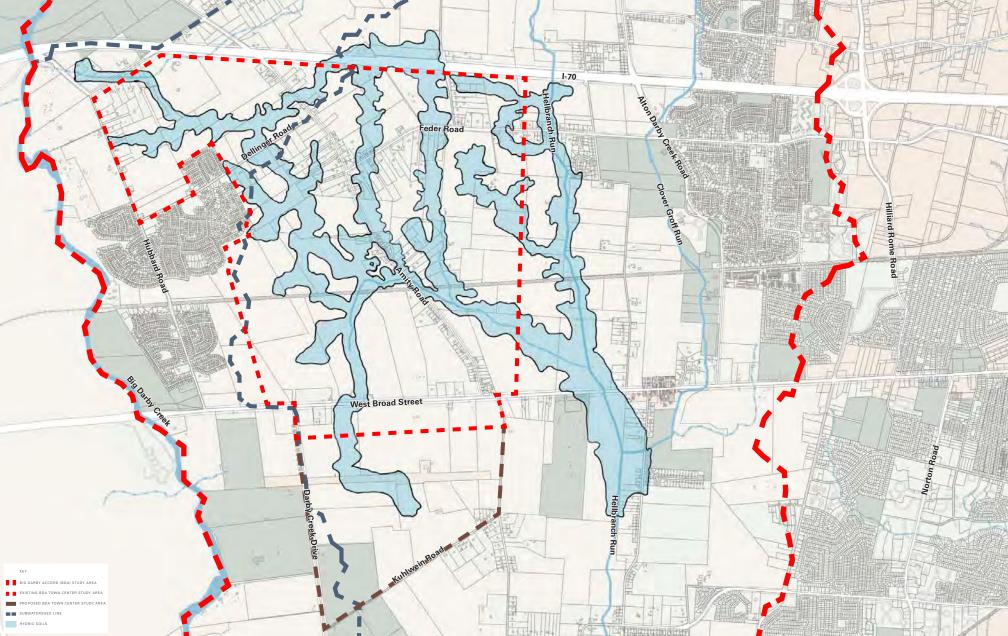
- 6. Preserve and restore biodiversity in a range of native ecosystems.
- 7. Incorporate educational opportunities into the town center through well-located, well-integrated, and appropriately identified, ecologically sensitive design. Tie this into school curriculum wherever possible.
- 8. Ensure that development strategies at all levels reduce the impact on the land and help to protect and restore ecosystem services.
- Identify and protect threatened, endangered, and declining species in the greater Big Darby Accord planning area.

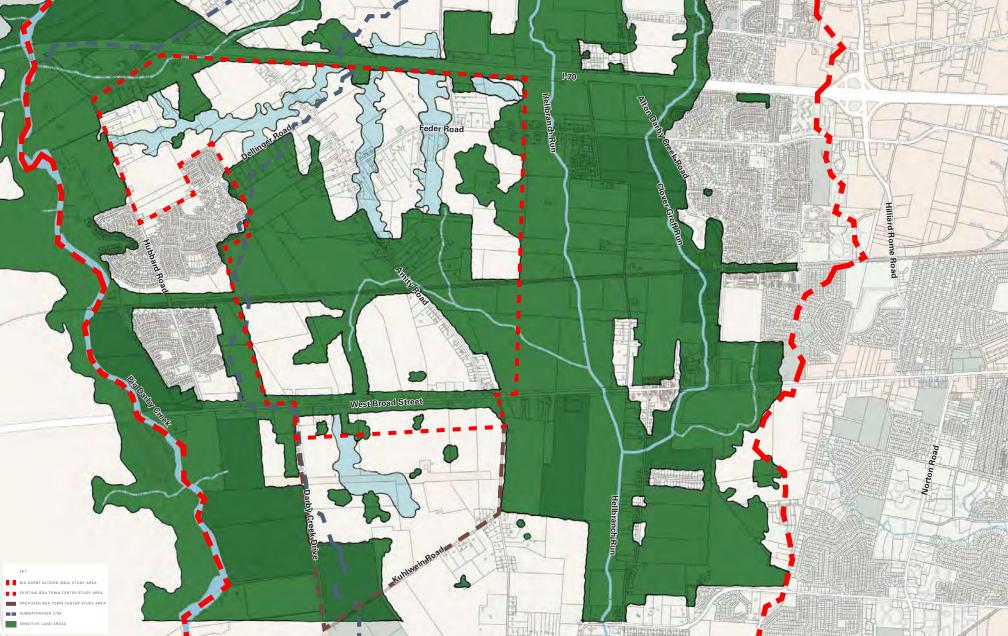
Design Principles (Continued)

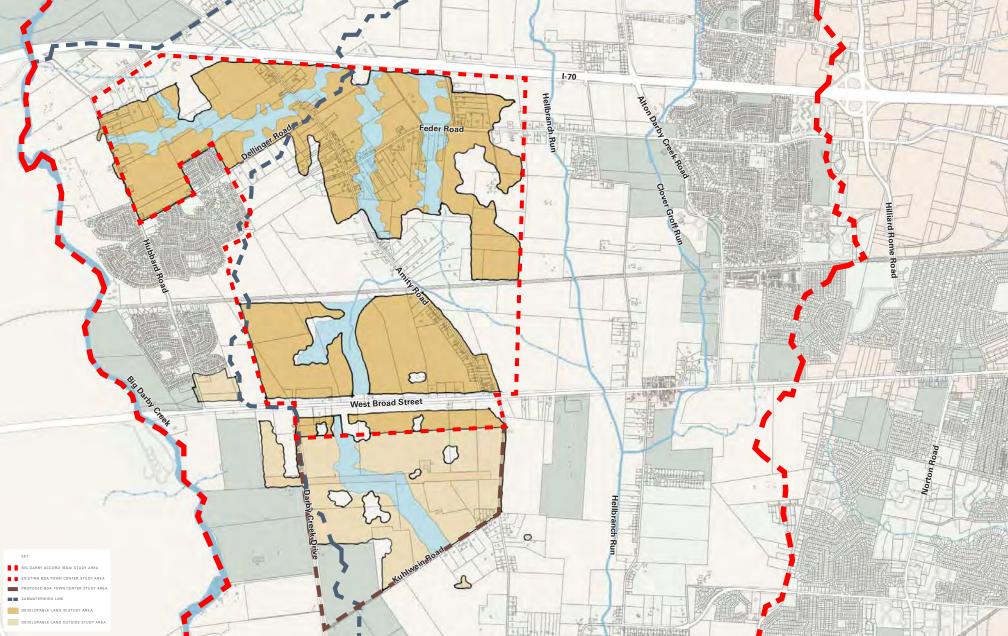
- 10. Provide connections from the Town Center site to employment centers and natural systems throughout the broader region through the extension of bike paths, green space, and public transportation
- 11. Limit amount of pavement and impervious surfaces throughout the town center while incorporating character enhancing elements of the native landscape.
- 12. Create a successful village core that is respectful and celebratory of the rural and ecological character of the surrounding uses through appropriately designed, situated, and derived architecture and urbanism.
- 13. Employ 'green' development strategies to ensure high performing buildings that are energy efficient, and minimally impactful on the ecosystem.







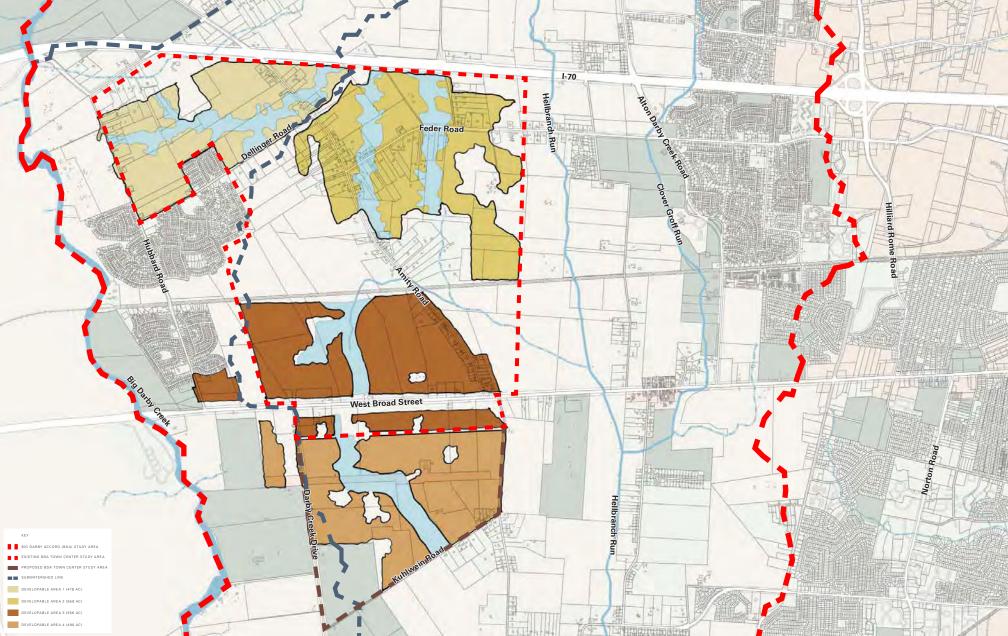




Big Darby Town Center Program | Overview

For Sale Residential Conservation Lots Village Single-Family Townhouse Condo	3,480 du. 145 1,020 1,835 480	1,701 ac. 1,243 291 143 24
Multi-family, For Rent	150 du.	7 ac.
Retail	300,000 sf.	10 ac.
Office	360,000 sf.	16 ac.
Hotel	100 rms.	8 ac.
Open Space		24 ac.

Total 1,766 ac.





Option 1

Pros

- Hilliard School
 District
- Market Draw from the north

Cons

- A portion of the captured land drains directly into the Big
 Darby
- More ecologically sensitive

lands

Growth and expansion is limited

- More existing properties and property owners
- Limited access makes interchange necessary



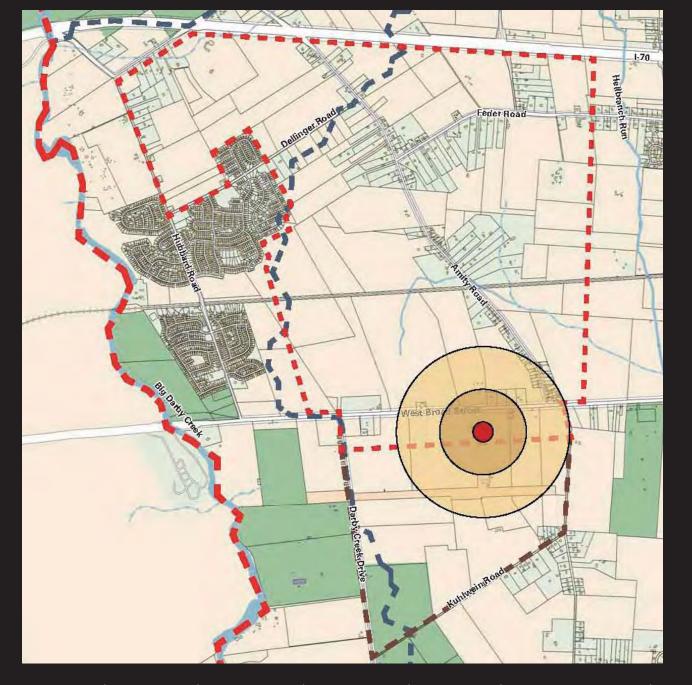
Option 2

Pros

- Larger developable parcels with fewer land owners
- Immediate access to Rt. 40
- Fewer ecologically sensitive areas

Cons

- Southwestern
 School District
- Development
 is limited by
 souther boundary of the town
 center. Do not
 realize full capture of commercial uses.



Option 3

Pros

- Full development potential and draw from all sides of commercial uses
- Larger devel opable parcels
 with fewer land
 owners
- Immediate access to Rt. 40

- Fewer ecologically sensitive areas
- Proximity to
 Darby House
 supports proposed hotel
- Easily served by sewer

Cons

SouthwesternSchool District

















POWELL
BIG DARBY TOWN CENTER | FRANKLIN COUNTY, OHIO

TOWN CENTER PRECEDENTS
JANUARY 2010













 $\begin{array}{c|c} S\,U\,N\,B\,U\,R\,Y \\ \\ \text{Big darby town center} \;\;|\;\; \text{franklin county, ohio} \end{array}$

BIG DARBY TOWN CENTER PRECEDENT JANUARY 2010

























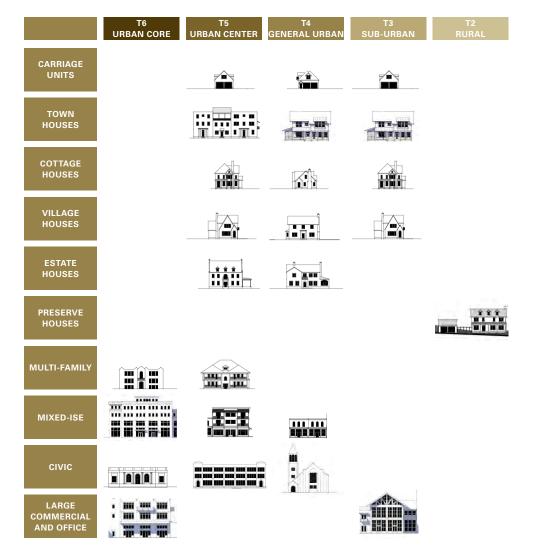




WORTHINGTON

BIG DARBY TOWN CENTER PRECEDENT
JANUARY 2010

Building Types & Transects



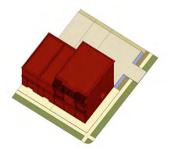


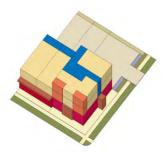




BIG DARBY TOWN CENTER PRECEDENT: TYPE OF PRECEDENT JANUARY 2010

BIG DARBY TOWN CENTER | FRANKLIN COUNTY, OHIO







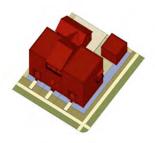








BIG DARBY TOWN CENTER PRECEDENT: TYPE OF PRECEDENT JANUARY 2010













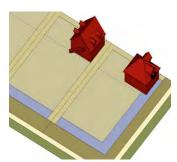


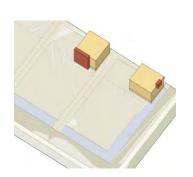




SINGLE FAMILY ATTACHED HOUSES

BIG DARBY TOWN CENTER | FRANKLIN COUNTY, OHIO











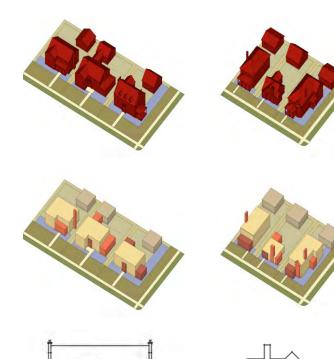








BIG DARBY TOWN CENTER PRECEDENT: TYPE OF PRECEDENT JANUARY 2010

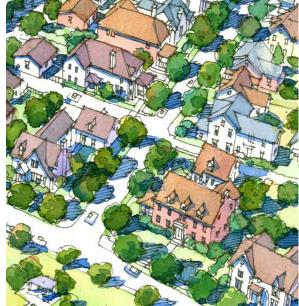
























PRESERVE HOUSES
BIG DARBY TOWN CENTER | FRANKLIN COUNTY, OHIO

BIG DARBY TOWN CENTER PRECEDENT: TYPE OF PRECEDENT JANUARY 2010

Big Darby Town Center Master Plan

Design Charrette 25-28 January 2010