CATEGORICAL EXCLUSION DOCUMENT

Part I - General Project Identification, Description, and Design Information

Sponsor of the Project: Clermont County Transportation Improvement District ODOT District: 8
Local Name of the Facility: County Route 132/Wolfpen-Pleasant Hill Road

Program: Local Safety Funding Source: [X] Federal [ ] State [X] Local [ ] Private

PROJECT DESCRIPTION:

County and Township: Clermont County, Miami Township
Municipality: N/A

Limits of Proposed Work:
Start: State Route 131 / End: Allen Drive /
Total Work Length: 1.72 km or (1.07 mi).

	Yes*	No
Is an Interchange Modification Study / Interchange Justification Study (IMS/IJS) required?	[ ]	[X]

If yes, when did FHWA grant a conditional approval for this project? Date: N/A

**If yes, for CE 2 or CE 3 projects a copy of the approved document must be submitted to FHWA with a request with for final approval of the IMS/IJS.*

The Clermont County Transportation Improvement District (CCTID), in cooperation with the Ohio Department of Transportation (ODOT), proposes to improve a 1.07 mile segment of County Route (CR) 132, also known as Wolfpen-Pleasant Hill Road, from State Route (SR) 131 to Allen Drive in Miami Township, Clermont County, Ohio. The total work length of the proposed project is 1.07 miles. A general location map showing the project within its regional context and a project location map can be found in Attachment A (see Pages 3-4). Attachment A also contains maps showing points of interest along the project corridor (see Page 5).

Area Context

The project study area is located east of Interstate 275 (I-275), between SR 131 and Allen Drive in Miami Township, Clermont County, Ohio. Miami Township is located in the northwest corner of Clermont County and is approximately 15 miles northeast of downtown Cincinnati.

Both Miami Township and Clermont County have experienced a relatively high level of growth over the past three decades. According to the US Census Bureau, the County grew by approximately 29 percent between 1990 and 2007, over five times the growth rate of Ohio as a whole. Between 1990 and 2000, Miami Township grew by 30 percent, the highest of all the townships in Clermont County, compared to 5 percent growth at the State level. This growth is expected to continue. The Ohio Department of Development's Office of Strategic Research projects over 20 percent population growth in the County between 2010 and 2030.

Approximately 60 percent of workers who live in Clermont County work outside the County. Of that 60 percent, 45 percent commute to Hamilton County, the County in which Cincinnati is located. However, due to its proximity to I-275 and the region's transportation network, Clermont County has a growing employment base.

The project study area is located in one of the more densely populated areas of Miami Township. The study corridor is located in a residential neighborhood that is predominantly comprised of single-family residences, as well as the Milford Junior High School, the Milford High School and the Trinity United Methodist Church (see Attachment A, Figure 3, Page 5). The Timber Creek Apartment Complex is located south of the Milford Junior High School, and a senior living development is under construction immediately south of the SR 28 Bypass

(see Attachment A, Figure 3, Page 5). Commercial/retail establishments are located adjacent to SR 131 at the project's southern terminus and along SR 28 near the project's northern terminus. Photographs of the project area can be found in Attachment B (see Pages 9-12).

The subject segment of Wolfpen-Pleasant Hill Road, a two-lane roadway classified as a collector, is an important link in the area's transportation network because it connects SR 131 and neighborhoods to the south to the SR 28 Bypass, a growing commercial/retail center, and I-275. It also connects the Miami Township and Milford community to the Milford High School and Milford Junior High School. The 40 mile-per-hour (mph) corridor is used frequently by through traffic, local traffic, school buses and emergency response vehicles.

Project Description

The existing roadway consists of two 11-foot traffic lanes and one-foot graded shoulders within varying right-of-way (ROW). Approximately 0.2 miles of the subject segment of roadway includes a left turn lane.

The improvements to Wolfpen-Pleasant Hill Road include two 12-foot traffic lanes, a 12-foot continuous left turn lane, a 5.5-foot sidewalk on the east side of the roadway, and curb and gutter within varying ROW. In addition, a southbound 12-foot dedicated right-turn lane will be added to Wolfpen-Pleasant Hill Road to serve school bus traffic. The right-turn lane will begin at the Milford Junior High School bus/visitor loop and travel north approximately 180 feet (an additional 50 feet will be required to taper the turn lane into the roadway). Access along Wolfpen-Pleasant Hill Road will remain unchanged; with the exception of the gravel driveway providing secondary access to athletic fields and a maintenance shed on school property located approximately 40 feet south of Eagle Way. That drive, which belongs to the school, will be closed since primary access to the maintenance building and athletic fields is available through Eagle Way. Milford Junior High School administrators have concurred with plans for the driveway closure.

Traffic signals exist at SR 131 and at Eagles Way. The signal at SR 131 will be modified if necessary to accommodate roadway improvements, and the signal at Eagles Way will be replaced. No other traffic signals are warranted. The design speed of this segment is 45 mph, and the total length of the subject segment of roadway is 1.05 miles. The project cost is approximately $3,500,000. The project plans can be found in Attachment C (Pages 13-42).

Summary of Environmental Impacts

The project requires the displacement of one residence located at 5819 Wolfpen-Pleasant Hill Road (across the street from Berdova Drive). A total of approximately 220 linear feet of stream channel will be permanently impacted. The three streams identified in the project area will be impacted by approximately 120 feet, 40 feet, and 60 feet, respectively. All three streams are unnamed tributaries to Happy Hollow. An additional 30 feet of an unnamed drainage way will also be impacted by this project. Approximately 0.03 acre of a single palustrine emergent/palustrine forested wetland to the west of existing Wolfpen-Pleasant Hill Road will be permanently impacted, and another 0.01 acre will be temporarily affected by the proposed project.

(see Attachments A, B and C, Pages 1-42)

PURPOSE AND NEED FOR THE PROJECT:

The proposed project is identified in the CCTID's *Regional Transportation Improvement Program* (*RTIP*) as a Group 1 project. Group 1 projects are considered high priority, near-term projects. The proposed project is one project within the CCTID SR 28 Corridor Improvement Program. The proposed project is also included in the Ohio-Kentucky-Indiana (OKI) Regional Council of Governments *2008-2011 Transportation Improvement Program* (*TIP*) (PID #82139) (see Attachment H, Page 149). This Level 2 Categorical Exclusion was initiated as the first step in moving the proposed priority project discussed in this document forward.

Pursuant to the Safe, Accountable, Flexible, Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) and the National Environmental Policy Act (NEPA), coordination with local officials, agencies and the public was conducted early in the planning process. In order to clearly identify the purpose and need for the project beyond its inclusion as a priority in local planning documents, an open house public meeting was held on April 3, 2008 during which participants were asked to identify their concerns about the Wolfpen-Pleasant Hill Road corridor through a purpose and need exercise, comment forms and interaction with Clermont County, Miami Township, and their consultants.

The identified project needs, which were developed through coordination with the CCTID, coordination with Miami Township, and consideration of public comments, are listed below and are described in more detail in the text that follows:

1. Congestion on Wolfpen-Pleasant Hill Road;
2. Poor access to the Milford High School and Milford Junior High School;
3. Poor access to and from intersecting side streets and adjacent properties; and
4. Safety concerns on Wolfpen-Pleasant Hill Road.

Congestion on Wolfpen-Pleasant Hill Road

As previously stated, the populations of Miami Township and Clermont County have experienced above-average growth over the past three decades. Table 1 outlines the population growth for Miami Township and Clermont County. The state of Ohio is included as a point of comparison. The Township grew by 30 percent between 1990 and 2000, which is nearly five times the growth experienced by the State as a whole during the 1990s. Between 1990 and 2007, the County grew by 28.8 percent, compared to statewide growth of 5.7 percent during the same time period. Growth of this nature, which is projected to continue, generates increased traffic on area roadways.

Table 1. Population Growth

Location	1990	2000	2007	Percent Growth
Miami Township	28,199	36,632	Data Not Available	29.9% (1990-2000)
Clermont County	150,189	177,977	193,490	28.8% (1990-2007)
Ohio	10,847,115	11,353,140	11,466,917	5.7% (1990-2007)

Source: US Census Bureau

Existing Wolfpen-Pleasant Hill Road is a two-lane roadway containing numerous intersecting streets, driveways and two schools. It carries the following types of traffic:

- Local traffic traveling to and from residences (including the numerous residences whose driveways are on Wolfpen-Pleasant Hill Road);
- School traffic traveling to and from Milford High School and Milford Junior High School (including school bus traffic, automobile traffic, pedestrians and bicyclists);

- Through traffic traveling from SR 131 and neighborhoods south of SR 131 north to access I-275;
- Through traffic traveling from SR 131 and neighborhoods south of SR 131 north to access the SR 28 retail/commercial area; and
- Emergency response vehicles traveling from the Miami Township Central Station located at McPicken Drive and SR 28 (see Attachment A, Figure 3, Page 5), and the Miami Township South Station located on US 50 in Perintown (south of the project area).

As previously stated, the Milford Junior High School and Milford High School are located on Wolfpen-Pleasant Hill Road (see Attachment A, Figure 3, Page 5), generating a considerable amount of school-related traffic on the subject roadway. The two schools have a combined enrollment of approximately 6,300 students (as of June 7, 2008) with 349 teachers. An estimated 550 students drive to school daily. Finally, 36 school buses make a total of 112 trips on Wolfpen carrying students to and from school each school day. Both queuing school and school bus traffic and left-turning vehicles cause congestion, particularly during the peak hours of 6:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m.

The numerous access points along the Wolfpen-Pleasant Hill Road corridor combined with the type of traffic the roadway carries has also resulted in poor travel conditions on the subject roadway. Through traffic has no way to travel to its destination without navigating through the queuing school traffic or past left-turning vehicles.

As the community continues to grow and the schools expand, these issues will worsen and the traffic conditions on Wolfpen-Pleasant Hill Road will continue to deteriorate. As Table 2 illustrates, area growth will result in more local, school and commuter traffic utilizing the subject segment of Wolfpen-Pleasant Hill Road. The existing average daily traffic (ADT) on the subject segment of Wolfpen-Pleasant Hill Road ranges between 12,956 and 16,474. Traffic volumes on Wolfpen-Pleasant Hill Road are forecasted to increase, with traffic volumes in 2010 ranging from 13,365 to 16,770 and in 2030 ranging from 17,200 to 19,555.

Table 2. Traffic Data for Wolfpen-Pleasant Hill Road

Segment	2008 ADT*	2010 ADT*	2030 ADT*
Segment 1: SR 131 to Eagles Way	12,956	13,365	17,200
Segment 2: Eagles Way to Deblin Drive	14,841	15,155	18,070
Segment 3: Deblin Drive to Berdova Drive	16,474	16,770	19,555

** ADT= Average Daily Traffic*
Source: HNTB Corporation certified by the Ohio Department of Transportation Office of Technical Services, July 28, 2008

A Level of Service (LOS) analysis was conducted for Wolfpen-Pleasant Hill Road to determine how the road will operate in the near future and 20 years into the future. The operational characteristics of a roadway are described by a LOS, which ranges from A to F, with A representing the best LOS and F, the worst. The LOS of a roadway is an indicator of the general operating condition of the traffic flow and is based on factors such as speed, travel time, freedom to maneuver, traffic interruptions, comfort, convenience, and safety.

The results from the LOS analysis conducted for existing Wolfpen-Pleasant Hill Road are outlined in Table 3. The LOS for traffic traveling on existing Wolfpen-Pleasant Hill Road in the near future (2010) ranges from E to F, meaning that there is little to no room to maneuver, the facility is reaching capacity and operations are unstable. In 2030, the LOS for all segments will have deteriorated to an LOS of F, meaning the facility exceeds capacity and there is a breakdown in traffic flow.

If Wolfpen-Pleasant Hill Road remains in its current configuration, the roadway will not provide the necessary level of service needed to adequately support the traffic volumes the roadway is carrying and the growth taking place in the region. Existing Wolfpen-Pleasant Hill Road cannot effectively connect the area's growing population to its major attractors (e.g., schools, the SR 28 commercial area, I-275, east-west arterials).

Table 3. Level of Service for Wolfpen-Pleasant Hill Road

Segment	2010 LOS**	2030 LOS**
Segment 1: SR 131 to Eagles Way	E	F
Segment 2: Eagles Way to Deblin Drive	F	F
Segment 3: Deblin Drive to Berdova Drive	F	F

**LOS analysis based on procedures in Highway Capacity Manual (2000) for two-lane roadways.*

Poor Access to the Milford High School and Milford Junior High School

Wolfpen-Pleasant Hill Road provides one of two primary points of access to the Milford High School and Milford Junior High School (the second point of access is off SR 131 - see Attachment A, Figure 3, Page 5). In its current configuration, the schools are not easily accessible to the surrounding community due to poor traffic service on the subject segment of Wolfpen-Pleasant Hill Road. Because it is a two-lane road with no accommodations for left-turning vehicles or queuing school buses, traffic is congested during peak hours. This results in poor vehicular levels of service and the potential for conflicts between through and local traffic (including school buses and driveways).

The lack of pedestrian facilities on the subject segment of Wolfpen-Pleasant Hill Road results in poor pedestrian accessibility to the schools, and it is a primary concern for the community. The school estimates that 100 students travel to and from school on foot (and some by bicycle) from adjacent neighborhoods via connecting streets, such as Emily Drive and Deblin Drive. Several of the connecting streets have sidewalks that terminate at Wolfpen-Pleasant Hill Road. The lack of sidewalks on Wolfpen-Pleasant Hill Road restricts the students' ability to easily and safely access the school.

In addition, the lack of pedestrian facilities along Wolfpen-Pleasant Hill Road means area residents must drive to reach the retail and commercial services on SR 28. As the Township's plans for a Town Center on SR 28 advance, the lack of multi-modal connectivity in the area's transportation network will become more evident and is anticipated to contribute to traffic and parking issues in the Town Center.

Poor Access To and From Intersecting Side Streets and Adjacent Properties

The subject segment of Wolfpen Pleasant Hill Road is predominantly a residential corridor, with numerous driveways and 10 intersecting side streets. As previously stated, the numerous access points along the Wolfpen-Pleasant Hill Road corridor combined with the type of traffic the roadway carries has also resulted in poor travel conditions on the subject roadway (see the above section titled *Congestion on Wolfpen Pleasant Hill Road*). Coordination with local residents, members of the Milford school community and drivers traveling though the corridor has revealed that the high volumes of traffic along through the corridor make it difficult and unsafe to access the intersecting side streets (particularly Berdova Drive and Deblin Drive) and adjacent properties. As outlined below, rear-end collisions along the subject segment of Wolfpen Pleasant Hill Road were the primary crash type, comprising over 53 percent of the total crashes. Although these types of crashes can be attributed to driver error, they are often exacerbated by congested traffic conditions and vehicles slowing to turning onto side streets or adjacent properties.

Safety Concerns on Wolfpen-Pleasant Hill Road

In its current configuration, Wolfpen-Pleasant Hill Road has geometric and other deficiencies such as poor sight distances, vertical deficiencies and lack of shoulders, and cannot efficiently and safely accommodate the volumes of traffic that it currently carries and is projected to carry in the future (see Tables 2 and 3). Portions of Wolfpen-Pleasant Hill Road have substandard vertical and horizontal alignment and little to no shoulders. The combination of substandard roadway conditions and congestion creates unsafe conditions along Wolfpen-Pleasant Hill Road.

Crash data compiled over a three-year period (2005 through 2007) supports the community's expressed safety concerns. The data was collected by Clermont County between 2005 and 2007, in support of a traffic study to identify traffic problems and signal needs along the project corridor. In the time period between 2005 and 2007, there were 176 crashes. Five of those 176 crashes involved pedestrians. Rear-end collisions were the primary crash type, comprising over 53 percent of the total crashes.

In the vicinity of Deblin Drive, Rainbow Trail and Berdova Drive, drivers experience poor sight distances due to substandard horizontal alignments associated with the sharp westward turn the roadway makes at Berdova Drive (see Attachment A, Figure 3, Page 4). When combined with the traffic congestion that occurs in this area, drivers on the roadway, as well as those entering the roadway, experience unsafe driving conditions. This is supported by the crash data compiled between 2005 and 2007, by Clermont County, which shows that a concentration of crashes occurred in this vicinity. In addition, children walking to school cross Wolfpen-Pleasant Hill Road from the sidewalks on Deblin Drive and the substandard sight distances create an unsafe area.

There are additional vertical deficiencies causing poor sight distances between Emily Drive and SR 131. There are a series of crests and sags that are up to 10 feet deep, which can hide an entire vehicle. As with the sight distance issues described above, these vertical deficiencies make it difficult for residents to enter and exit their driveways.

As previously stated, the roadway has little to no shoulders throughout much of the corridor. As a result, if an accident occurs, whether during peak hours or at any other time of the day, congestion is a major issue, and, in many locations along the roadway, there is no place for vehicles to pull safely off the roadway and out of the way of traffic. Conditions along the existing roadway limit the ability of emergency response vehicles that are using the project corridor to safely and quickly reach their destinations. The roadway deficiencies discussed above, most notably a lack of shoulders, restrict emergency vehicle response time.

In its current condition, Wolfpen-Pleasant Hill Road presents safety concerns due to the volume of traffic it currently carries and is projected to carry in the future. Presently, turning vehicles and queuing school buses mixed with through traffic create potential safety concerns. These concerns are compounded by the presence of children walking to school without any pedestrian facilities.

Summary of Project Purpose

The purpose of this project, outlined in the list below, has been developed to meet the project needs as described above:

1. Improve Level of Service on Wolfpen-Pleasant Hill Road;
2. Provide improved access to the Milford High School and Milford Junior High School;
3. Provide improved access to and from intersecting side streets and adjacent properties; and
4. Improve safety conditions on Wolfpen-Pleasant Hill Road.

The defined project area is of sufficient size to address environmental concerns of a broad scope. The proposed project has logical termini because it connects two major roadways in the County's transportation system (SR 131 and the SR 28 Bypass), while providing improved access to the Milford High School and Junior High School. The proposed project's northern terminus is Allen Drive because the portion of Wolfpen-Pleasant Hill Road between Allen Drive and SR 28 has already been improved and can sufficiently accommodate traffic. The proposed project does not require the construction of any additional projects to be fully usable as a stand-alone project.

(see Attachment A, Pages 5 and Attachment H, Page 149)

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ALTERNATIVES:

No-Build Alternative: The No-Build Alternative involves leaving the segment of existing Wolfpen-Pleasant Hill Road in its current configuration, and no major improvements beyond typical maintenance would be undertaken on the existing transportation network. The No-Build Alternative would not meet the purpose and need of the project to:

1. Improve traffic conditions on Wolfpen-Pleasant Hill Road;
2. Provide improved access to the Milford High School and Milford Junior High School;
3. Provide improved access to and from intersecting side streets and adjacent properties; and
4. Improve safety conditions on Wolfpen-Pleasant Hill Road.

The No-Build Alternative does not have the support of the local government and the public because it does not meet the project purpose and need.

Preferred Alternative: One Build Alternative is being carried through the National Environmental Policy Act (NEPA) process. As described above, the improvements to Wolfpen-Pleasant Hill Road include two 12-foot traffic lanes, an 12-foot continuous turn lane, a 5.5-foot sidewalk on the east side of the roadway, and curb and gutter within varying ROW. The roadway would be widened evenly to both sides in order to most effectively minimize the impacts to adjacent property owners due to ROW acquisition.

Early in the planning process, a public meeting was held to determine the community's concerns and issues, and to gather public input on the purpose and need for the project. Additional coordination with area stakeholders, including Miami Township, the Milford School System, and the Trinity United Methodist Church, took place early in the planning process. Issues and concerns expressed during these meetings were considered in the development of the proposed Build Alternative. A detailed discussion of public involvement can be found in Attachment J, Pages 161-254 of this document.

The Do Nothing Alternative is not feasible, prudent or practicable (Mark all that apply):	**Yes**	**No**
It would not correct existing capacity deficiencies;	X	
It would not correct existing safety hazards;	X	
It would not correct the existing roadway geometric deficiencies:	X	
It would not correct existing deteriorated conditions and maintenance problems, or	X	
It would result in serious impacts to the motoring public and general welfare of the economy.	X	

ROADWAY CHARACTER:

Functional Classification: Collector

Current ADT: 19,110 vpd 20(10) Design Year ADT: 22,170 vpd (20 30)

DHV: 1926 (Design Year) Trucks, 4 %

Designed Speed: 45 mph Legal Speed: 40 mph

	Existing		**Proposed**	
Number of Lanes:	2		3	
Type of Lanes:	2 Through		2 Through, 1 Continuous TWLTL	
Pavement Width:	22	ft.	44	ft.
Shoulder Width:	1 (graded)	ft.	4 (paved)	ft.
Median Width:	N/A	ft.	N/A	ft.
Sidewalk Width:	N/A	ft.	5.5 (East Side Only)	ft.

Setting: [ ] Urban [X] Suburban [ ] Rural

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Form version: 11/16/044

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Topography: [ ] Level [X] Rolling [ ] Hilly

DESIGN CRITERIA FOR BRIDGES:

Structure File Number(s): N/A Sufficiency Rating: N/A

	Existing	Proposed
Bridge Type:	N/A	N/A
Number of Spans:	N/A	N/A
Weight Restrictions:	____ ton	____ ton
Height Restrictions:	____ ft.	____ ft.
Curb to Curb Width:	____ ft.	____ ft.
Shoulder Width:	____ ft.	____ ft.
Under Clearance:	____ ft.	____ ft.

	Y	N
Will the structure be rehabilitated or replaced as part of the project?		
If Yes, has an asbestos inspection been completed?		

DESIGN CRITERIA FOR BRIDGES:

Structure File Number(s): N/A Sufficiency Rating: N/A

	Existing	Proposed
Bridge Type:	N/A	N/A
Number of Spans:	N/A	N/A
Weight Restrictions:	____ ton	____ ton
Height Restrictions:	____ ft.	____ ft.
Curb to Curb Width:	____ ft.	____ ft.
Shoulder Width:	____ ft.	____ ft.
Under Clearance:	____ ft.	____ ft.

	Y	N
Will the structure be rehabilitated or replaced as part of the project?		
If Yes, has an asbestos inspection been completed?		

MAINTENANCE OF TRAFFIC DURING CONSTRUCTION:

	Y	N
Is a temporary bridge proposed?		X
Is a temporary roadway proposed?		X
Will the project involve the use of a detour or require a ramp closure?	X	
Provisions will be made for access by local traffic and so posted.	X	
Provisions will be made for through-traffic dependent businesses.	X	
Provisions will be made to accommodate any local special events or festivals.	X	
Will the proposed MOT substantially change the environmental consequences of the action?		X
Is there substantial controversy associated with the proposed method for MOT?		X

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Remarks: Although much of the construction can occur while maintaining two-way traffic, a detour will be required when fixing the vertical alignment deficiencies along Wolfpen-Pleasant Hill Road (see section on "Safety Concerns on Wolfpen-Pleasant Hill Road" in the above section titled "Purpose and Need for the Project"). While the road is closed, the contractor will be responsible for maintaining access for all local traffic. To minimize impacts to school bound traffic, Clermont County plans to schedule construction such that major interruptions to traffic on Wolfpen-Pleasant Hill Road will be in the summer, while school is out of session. In addition, the County plans on completing the work required on two fill areas between Umrit Court and Eagle Way early in construction, minimizing impacts to the schools and school-bound traffic once school resumes in the fall. Furthermore, impacts to the Milford Junior High School and High School as a result of the detour will be minimal because access to the school will be maintained throughout construction via Eagle Drive's access point to SR 131. A detailed design of the detour will be included in the construction plans (see Attachment C, Plan Sheets 7-8/131).

The Contractor will advise the Project Engineer in advance of the start of construction activities, lane closures and road closures. Clermont County will stipulate the timing of this notice so that they may provide notifications well in advance of these activities in accordance with their normal practice. The project engineer will forward this information to the County. The County will then provide written notification to the local emergency services, the affected schools, residences and businesses of any upcoming project lane closures/detours.

ESTIMATED PROJECT COST AND SCHEDULE:

Engineering: $ 150,000 Right-of-Way: $ 500,000 Construction: $ 3,500,000
Utilities $ 150,000
Anticipated Start Date of Construction: 6/2011

RIGHT OF WAY AND UTILITY INVOLVEMENT:

Number of parcels to be affected for temporary ROW:	**51**	
Number of parcels to be affected for permanent ROW:	**13**	
Approximate area of temporary right-of-way needed:	**0.64**	acre
Approximate area of permanent right-of-way needed:	**2.11**	acre

Has Utility Coordination been completed?	Yes	X	No	
Are large scale transmission facilities located within the project area?	Yes		No	X
Are there any private utility easements within the project area?	Yes		No	X
If YES, will it be impacted by the project?	Yes		No	

Remarks: One house will be displaced as a result of the proposed project (5819 Wolfpen-Pleasant Hill Road). Clermont County communicated with the property owner by letter and telephone in September 2008. The County explained to the owner that her property would be impacted by the alternative under consideration, and recommended that she attend the public meeting scheduled for October 1, 2008. At the public meeting, the County spoke with the property owner and explained the ways and reasons the proposed project would impact her property. They also discussed potential timeframes for future ROW acquisition. Coordination with the property owner will continue through the ROW acquisition process.

Coordination with the Clermont County Sewer District regarding potential impacts to the force main has taken place throughout the preliminary design process, and will continue in future phases of project development.

Any potentially involved utility companies will be responsible for moving their respective installations to new locations and will be compliant with ODOT standards. All utility relocations shall be coordinated between the contractor and the utility owners in such a way as to avoid, and/or minimize, any inconvenience to potentially affected customers.

A list of all of the utility owners located within the project's work limits will be provided as a side note in the plans (see Attachment C, Plan Sheet 5/131).

Part II – Identification and Evaluation of Impacts of the Proposed Action

SECTION A – ECOLOGICAL RESOURCES

	Presence		Impacts	
	Y	N*	Y***	N**
Streams, Rivers & Watercourses	X		X	
National Scenic River		X		X
State Wild, Scenic or Recreational River		X		X
Commercial		X		X
Non-Commercial		X		X
OEPA Aquatic Life Use Designation(eg. WWH)				

Remarks:

A field survey of the study area was conducted by qualified biologists from BHE, Environmental Inc., in accordance with ODOT's *Ecological Manual* (ODOT 2005) on June 2, 2008. The study area consisted of a corridor extending approximately 75 feet on either side of the centerline of existing Wolfpen-Pleasant Hill Road, extending from just south of Allen Drive to SR 131. The corridor was expanded 200 feet in all directions at the proposed turn lane to Milford High School. Streams were evaluated using OEPA's Primary Headwater Habitat Evaluation (PHWH) and the Headwater Habitat Evaluation Index (HHEI). The survey identified three streams and two drainage ways within the study area, which are depicted in Attachment D (Pages 113-122).

Stream 1, located at approximately Station 142+52, an unnamed tributary to Happy Hollow, was identified approximately 330 feet north of the intersection of Wolfpen-Pleasant Hill Road and Umrit Court. Stream 1 flows in an east-west direction, emptying into Happy Hollow approximately 1.4 miles downstream of Wolfpen-Pleasant Hill Road. Stream 1 flows under Wolfpen-Pleasant Hill Road through a 36-inch, corrugated metal pipe. Stream 1 was classified as a Modified Class I PHWH ephemeral stream with water only present for short periods of time and which would therefore support, at best, an "aquatic community of relatively poor biological diversity." Wolfpen-Pleasant Hill road will be widened approximately 11 feet on the western side and approximately 12 feet on the eastern side in the vicinity of Stream 1. The existing 36-inch pipe carrying Stream 1 across Wolfpen-Pleasant Hill Road will be replaced by a new 110-foot long culvert. Approximately 70 linear feet of stream impact will occur west of the roadway, and approximately 50 feet of impact will occur to the east.

Stream 2, located at approximately Station 148+25, also an unnamed tributary of Happy Hollow, was identified approximately 313 feet north of the intersection of Wolfpen-Pleasant Hill Road and Timber Creek Drive. The stream runs east-west and converges with Stream 1 approximately 0.2 mile downstream of Wolfpen-Pleasant Hill Road. Stream 2 flows under Wolfpen-Pleasant Hill Road through two, 24-inch corrugated metal pipes. Stream 2 is classified as a Modified Class II PHWH perennial or intermittent stream that would generally support a "moderately diverse community of warm-water adapted fauna, either present seasonally or on an annual basis." Wolfpen-Pleasant Hill Road will be widened approximately 11 feet on either side in the vicinity of Stream 2, resulting in approximately 40 feet of stream impact to the west of the roadway. The existing 24-inch pipes carrying the stream under the roadway will be replaced by a new 110-foot long culvert and associated headwalls.

Stream 3, located at approximately Station 174+11, also an unnamed tributary of Happy Hollow, was identified approximately 115 feet south of the intersection of Wolfpen-Pleasant Hill Road and Berdova Drive. The stream runs east-west and empties into Happy Hollow approximately 1.6 miles downstream of Wolfpen-Pleasant Hill Road. Stream 3 flows under Wolfpen-Pleasant Hill Road through a 36-inch reinforced concrete pipe (RCP) and a 48-inch RCP. Upstream of Wolfpen-Pleasant Hill Road, Stream 3 flows through a concrete channel before entering the RCPs. Stream 3 is classified as a Modified Class I PHWH ephemeral stream, which like Stream 1, would support, at best, "an aquatic community of relatively poor biological diversity." Downstream of the roadway, Stream 3 was classified as a Modified Class II PHWH perennial or intermittent stream, which would support warm-water adapted fauna. Wolfpen-Pleasant Hill Road will be realigned in the vicinity of Stream 3 to correct the horizontal alignment. Construction will result in 40 feet of impacts to stream habitat west of the roadway and 20 feet of impacts to the east. The existing culverts will be replaced with a single, 95-foot long culvert with associated headwalls.

Drainage Way 1, located at approximately Station 179+43, located on the southwestern side of Wolfpen-

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Pleasant Hill Road approximately 428 feet northeast of the intersection of Wolfpen-Pleasant Hill Road and Berdova Drive, was investigated as a potential jurisdictional stream. In accordance with ODOT's *Technical Guidance on Roadside Ditches*, "a drainage ditch excavated in the uplands and/or located along a roadway, runway or railroad that only carries water from upland areas, is not considered jurisdictional, even if it supports hydrophytic vegetation." Because Drainage Way 1 lacks a defined bed or bank, an ordinary high water mark and any hydrophytic vegetation, it does not meet the criteria of a jurisdictional waterway. The construction associated with Drainage Way 1 will require approximately 30 feet of impact to the drainage on the west side of the roadway.

Drainage Way 2, located along the western side of Wolfpen-Pleasant Hill Road approximately located between Stations 190+30 and 192+00, 580 feet northeast of the intersection of Wolfpen-Pleasant Hill Road and Morning Side Circle, was also investigated as a potential jurisdictional stream. While hydrophytic vegetation was present in the drainage way, there was no indication of an ordinary high water mark, nor was there a defined bed or bank. Per ODOT's guidance, the field survey determined the drainageway was non-jurisdictional. This feature is outside of the project limits and will not result in any impacts.

No other potentially jurisdictional streams or other waters of the U.S. were identified within the study area.

Impacts to these streams cannot be avoided because the proposed project is intended to improve congestion and safety on the existing roadway. Impacts to the streams will be minimized through the use of Best Management Practices (BMPs) for soil and erosion control (see Attachment C, plan sheets 27-38 and 104-116).

(see Attachment D, Pages 49-50, 71-80)

	Presence		Impacts	
	Y	N*	Y***	N**
Other Surface Waters		X		X
Reservoirs		X		X
Lakes		X		X
Farm Ponds		X		X
Detention Basins	X			X
Storm Water Management Facilities		X		X
Other:		X		X

Remarks: A retention pond is located northeast of Wolfpen-Pleasant Hill Road, immediately adjacent to the northern termini of the project area (see Attachment D, Pages 33-34). Based on a field survey of the project area on June 2, 2008, the pond appears to be man-made, is in an upland area, and was apparently constructed for the purposes of drainage from the adjacent commercial facilities. The pond does not appear to be connected to any other water of the US. The retention pond is outside the project's work limits, and no impacts to the retention pond are anticipated as a result of the proposed project.

(see Attachment D, Pages 49-50)

**If the resource is not present, the remainder of this subject section will not be completed*
***If the resource is present but no impacts are anticipated, the reason why is described under Remarks.*
****Any impacts, mitigation, and agency coordination are described under Remarks and coordination letters are attached.*

	Presence		Impacts	
	Y	N****	Y***	N**
Wetlands	X		X	

Total wetland area impacted: 0.04 acre(s)
(If a determination has not been made for non-isolated/isolated wetlands, fill in the total wetland area impacted above.)

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Non-isolated Wetland		**Isolated Wetland**	
OEPA Wetland Category:	2	OEPA Wetland Category:	
Size of Area Impacted:	0.04 acre(s)	Size of Area Impacted:	acre(s)

Wetlands	**Documentation Y**	**N**
Wetland Determination	X	
Wetland Delineation Report		X
Individual Wetland Finding		X
Improvements that will not result in any wetland impacts are not practicable because such avoidance would result in (Mark all that apply and explain):		
Substantial adverse impacts to adjacent homes, business or other improved properties;	X	
Substantially increased project costs;	X	
Unique engineering, traffic, maintenance, or safety problems;		X
Substantial adverse social, economic, or environmental impacts, or	X	
The project not meeting the identified needs.		X
USACOE Isolated Waters Determination		X
Mitigation Plan		X

Measures to avoid, minimize and mitigate wetland impacts need to be discussed in the remarks section

Remarks:

To assess the potential for wetlands within the study area, the Goshen, Ohio 7.5-minute U.S. Geological Survey (USGS) topographic map, U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) maps, the Ohio Department of Natural Resources (ODNR) Ohio Wetland Inventory (OWI) maps, and the published soil survey for Clermont County (SCS 1975) were reviewed. Map reviews documented several swales on the USGS that were investigated further during the on-site assessment. No NWI or OWI wetlands were identified in or within 200 feet of the study area (see Attachment D, Pages 47-48).

A field survey of the study area for jurisdictional wetlands was conducted on June 2, 2008 by BHE ecological staff, in accordance with ODOT's *Ecological Manual* (ODOT 2005). Per ODOT's *Ecological Manual*, an additional 200 feet beyond the study area limits was assessed using map review and field survey for the presence of potential jurisdictional wetlands.

A single palustrine emergent (PEM)/palustrine forested (PFO) jurisdictional wetland was identified immediately to the west of Wolfpen-Pleasant Hill Road and approximately 150 feet south of the intersection of Berdova Drive and Wolfpen-Pleasant Hill Road (see Attachment D, Pages 49-50). The wetland is estimated at roughly 0.06 acre in area. The Ohio Rapid Assessment Method (ORAM) rating of 36 indicates that the wetland is a modified Category 2 wetland. Category 2 wetlands constitute the broad middle category that "support moderate wildlife habitat, or hydrological or recreational functions," (OEPA, 2001) but also include modified wetlands which are "wetlands which are degraded but have a reasonable potential for reestablishing lost wetland functions" (OEPA 2001). The proposed project will result in both permanent and temporary impacts to this wetland. Approximately 0.03 acre of this Category 2 wetland would be permanently filled as a result of this project, with a further 0.01 acre would be temporarily impacted during construction. The wetland is located on the inside of a curve that is in need of horizontal improvements to meet ODOT safety standards. These impacts cannot be avoided without displacing approximately three additional residences located east of the wetland.

One vegetated roadside ditch (Drainage Way 2) located on the southwestern side of Wolfpen-Pleasant Hill Road approximately 250 feet northeast of the intersection of Wolfpen-Pleasant Hill Road and Traverse Creek Drive, was investigated as a potential jurisdictional wetland (see Attachment D, Pages 49-50). This ditch was approximately 150 feet in length, was dominated by hydrophytic plants (strawcolored flatsedge, *Cyperus strigosus*; and blunt spikerush, *Eleocharis obtusa*), apparently possessed permanent hydrology (saturated soils), and was located within partially hydric soils (Avonburg silt loam, 0 to 2 percent slopes). However, despite having these wetland characteristics, this area was restricted to the confines of the roadside ditch area. ODOT's *Technical Guidance On Roadside Ditches TG-ECO-11-02* (ODOT 2005) dictates that "roadside ditches may become wetlands when they are no longer confined to the designed configuration of the constructed ditch and they possess all three of the criteria necessary to meet the definition of a jurisdictional wetland" (ODOT 2005). Therefore, because these wetland characteristics are restricted to the confines of the roadside ditch area, this area was not considered a jurisdictional wetland. Furthermore, project plans indicate

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that this ditch lies outside of the construction limits of the project, and will therefore not be impacted by construction activities.

No other wetlands were identified within or adjacent to the study area nor were any further potential wetlands identified within 200 feet of the study area.

(see Attachment D, Pages 47-50, 69, and 87-98)

	Presence		Impacts	
	Y	N****	Y***	N**
Terrestrial Habitat	X			
Unique or High Quality		X		X

Remarks: The proposed project area does not contain terrestrial habitat that is unique or high quality. This was determined through literature reviews, field surveys conducted by BHE ecological staff in accordance with ODOT's *Ecological Manual* (ODOT 2005), and coordination with ODNR-Division of Natural Areas and Preserves (DNAP). Wolfpen-Pleasant Hill Road is located in a primarily residential portion of Clermont County, Ohio. Commercial properties exist at the extreme northern and southern termini of the project area (Attachment D, Photograph 1, Page 73). There is a school complex located on the west side of Wolfpen-Pleasant Hill Road, in the central portion of the project area. Several undeveloped areas also exist within the project area, most notably the grassland adjacent to the southern terminus (Attachment D, Photograph 2, Page 73), and the wooded corridors immediately adjacent to the streams (Attachment D, Photographs 3, 4, 7, 8, 11, 12, 13, and 14, Pages, 73-77) and drainage ways (Attachment D, Photographs 15 and 16, Pages 77-78).

(see Attachment D, Pages 71-80)

*** If the resource is present but no impacts are anticipated, describe the reason why in the Remarks section.*
****Any impacts, mitigation and agency coordination are described under Remarks and coordination letters are attached.*
*****If "no", discuss in the Remarks details how this determination was made.*

	Presence		Impacts	
	Y	N****	Y***	N
Threatened or Endangered Species		X		
Within the known range of and federal species?	X			X
Federal species found in project area?		X		X
State species found in project area?		X		X
Is the project in accordance with the Letter of Agreement on Endangered Species Coordination?	X			X

Remarks: The study area lies within the range of two federally listed species and two federal candidate species: Indiana bat (endangered), running buffalo clover (*Trifolium stoloniferum*, endangered), rayed bean mussel (*Villosa fabalis*, candidate), and sheepnose mussel (*Plethobasus cyphyus*, candidate). Neither ODNR DNAP nor Division of Wildlife (DOW) reported any known occurrences of federally listed, federally proposed, or federal candidate species, or federally designated Critical Habitat within 0.5 mile of the study area. In addition, DOW did not report any known occurrences of state listed species within 1 mile of the study area. However, DOW notes that the study area is within the range of the following state-endangered species: rayed bean mussel, sheepnose mussel, washboard mussel (*Megalonaias nervosa*), snuffbox mussel (*Epioblasma triquetra*), ebonyshell mussel (*Fusconaia ebena*), butterfly mussel (*Ellipsaria lineolata*), elephant-ear mussel (*Elliptio crassidens crassidens*), Ohio pigtoe mussel (*Pleurobema cordatum*), monkey face mussel (*Quadrula metanevra*), wartyback mussel (*Quadrula nodulata*), shovelnose sturgeon (*Scaphirhynchus platorynchus*), goldeye fish (*Hiodon alosoides*), bobcat (*Lynx rufus*), and loggerhead shrike (*Lanius ludovicianus*). Evidence of this coordination can be found in Attachment D, Pages 55-70.

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The study area was evaluated for the occurrence of potentially suitable habitat for rayed bean mussel, sheepnose mussel, washboard mussel, snuffbox mussel, ebonyshell mussel, butterfly mussel, elephant-ear mussel, Ohio pigtoe mussel, monkey face mussel, wartyback mussel, shovelnose sturgeon, goldeye fish, bobcat, and the loggerhead shrike. In addition, a species-specific survey was conducted for individuals of running buffalo clover during the period when this plant is in flower. Per the ODOT Office of Environmental Services (OES) determination that this project lies entirely within the urbanized area, no field data relating to the Indiana bat was required (see Section on Agency Coordination below and Attachment D, Pages 61-62).

No suitable habitat for the sheepnose mussel or the rayed bean mussel was found. Potentially suitable habitat for running buffalo clover was detected along the majority of the study area. However, close scrutiny of Trifolium sp. present in these areas determined that running buffalo clover was not present. No suitable habitat for the washboard mussel, snuffbox mussel, ebonyshell mussel, butterfly mussel, elephant-ear mussel, Ohio pigtoe mussel, monkey face mussel, wartyback mussel, shovelnose sturgeon, goldeye fish, or the bobcat was observed within the study area. Potential habitat for the loggerhead shrike was identified within the study area; however this potential habitat was limited to a few trees and shrubs located along the roadway. Furthermore, this species was not observed during field survey.

Due to the ODOT-OES determination that the project area is located entirely in an urbanized area, it is anticipated that no impact to the Indiana bat, or its respective habitat, will result from this project. Although potentially suitable habitat for running buffalo clover and the loggerhead shrike exists within the study area, no individuals of these species were identified within the study area. No impact to any federal or state-listed species is anticipated as a result of the proposed project.

(see Attachment D, Pages 55-70)

	Coordination		Approval	
Agency Coordination ***	**Y**	**N**	**Y**	**N**
Ohio Department of Natural Resources (ODNR)	X		X	
United States Fish and Wildlife Service (USFWS)	X		X	
Ohio Environmental Protection Agency (OEPA)		X		
United States Army Corps of Engineers (USACE)		X		
ODNR State Scenic River		X		
National Park Service (NPS) National Scenic River		X		

Remarks:

ODNR DNAP and DOW were contacted regarding the presence of any state or federal “endangered” species, geologic features, concentrations of breeding and non-breeding animals, champion trees, state nature preserves and natural areas; state wild, scenic and recreational areas; and state parks, forests, and wildlife areas within 0.5 mile of the study area. DNAP was also contacted regarding the presence of known Indiana bat (*Myotis sodalis*) occurrences within 5 miles of the study area, and the presence of known Indiana bat hibernacula within 10 miles of the study area. In letters dated May 28, 2008 and June 18, 2008, neither DNAP nor DOW reported any known occurrences of federally listed, federally proposed, or federal candidate species, or federally designated Critical Habitat within 0.5 mile of the study area. In addition DOW did not report any known occurrences of state listed species within 1 mile of the study area. However, DOW noted that the study area is within the range of 14 state-endangered species. Evidence of this coordination can be found in Attachment D, Pages 57-60.

Per ODOT’s *Technical Guidance for the Indiana Bat* (TG-ECO-01-07), coordination with the ODOT-OES Ecological Unit took place for a determination of whether the project was located within an “urbanized area.” In an email dated May 15, 2008, ODOT-OES confirmed that the project area is located entirely within an urbanized area and that “no further Indiana bat habitat information needs to be collected for this project.” Evidence of this coordination can be found in Attachment D. Pages 61-62.

Finally, an Ecological *Memorandum of Understanding* (*MOA*) was prepared for the subject project, and ODNR concurred with the MOA’s findings in an email dated January 6, 2009 (see Attachment D, Pages 63-65). USFWS concurred with the MOA’s findings in a letter dated December 23, 2008 (see Attachment D, Pages 67-69).

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**If the resource is not present, the remainder of this section will not be completed.*
***If the resource is present but no impacts are anticipated, the reason why is described under Remarks.*
****Any impacts, mitigation, and agency coordination are described under Remarks and coordination letters are attached.*
*****If "no", discuss in the Remarks details how this determination was made.*

SECTION B – OTHER RESOURCES

	Presence		Impacts	
	Y	N*	Y	N
Drinking Water Resources		X		
Sole Source Aquifer				
Source Water Protection Area(s)				
Public Water System(s)				
Groundwater Source				
Surface Water Source				
Residential Well(s)				

Remarks: Drinking water in the area comes primarily from groundwater sources. Field surveys completed for the proposed project identified no residential wells located in or around the project area. According to the Environmental Protection Agency (OEPA) Drinking Water Protection Maps, drinking water resources will not be affected by this project (see Attachment E, Pages 123-130).

	Y	N*	Y	N
Flood Plains				
Longitudinal Encroachment		X		
Transverse Encroachment		X		
Is the project located in a regulated floodplain?		X		
Will the proposed project result in an encroachment in the designated floodway?		X		
Will the proposed project result in an increase in the 100-year base flood elevation discharge?		X		
Does the project conform to the local flood plain standard?	X			

Remarks: No floodplains are located in the project area (see Attachment D, Pages 51-53).

	Y	N*	Y	N
Farmland				
Active Agricultural Lands		X		
Agricultural District		X		
Project in compliance with ORC 929.05(a)	X			
FPPA Project Screening Sheet	X			
Farmland Conversion Impact Rating Sheet		X		

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Remarks: There are no agricultural lands within the project area. This determination is based upon the Farmland Protection Policy Act (FPPA) screening sheet completed by ODOT District 8 Planning personnel and dated August 19, 2008 (see Attachment F, Page 133). No further farmland coordination is required.

** If the resource is not present, the remaining boxes for this subject section will not be completed. State how and who made this determination.*

SECTION C – CULTURAL RESOURCES

	Results of Research: Eligible and/or Listed Resource Present		Project Effect		
	Y	N	No Historic Properties Affected	No Adverse Effect	Adverse Effect
Prehistoric Archaeology		X	X		
Historic Archaeology		X	X		
History/Architecture		X	X		
NRHP Buildings/Sites		X	X		
NRHP Districts		X	X		
NRHP Bridges		X	X		

Documentation			SHPO / OES / FHWA Approval Dates
Phase I Short Report			
Phase I Cultural Resources Survey Report			
Phase I History/Architecture Survey Report		X	09/11/2008
Phase I Archaeology Survey Report		X	09/11/2008
Phase II Cultural Resources Survey Report			
Phase II History/Architecture Survey Report			
Phase II Archaeology Survey Report			
Phase III Archaeology Data Recovery			
Documentation for Consultation / MOA			
HABS / HAER Documentation			

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Remarks: In accordance with the Programmatic Agreement Among the Federal Highway Administration, the Advisory Council on Historic Preservation, The Ohio Historical Society, State Historic Preservation Office, and the State of Ohio , Department of Transportation Regarding the Implementation of the Federal-Aid Highway Program in Ohio (Agreement No. 12642) ("PA") executed July 17, 2006 and in compliance with Code of Federal Regulations (CFR) Section 800 4(d)(1), ODOT-OES determined that the findings for this project were "no historic properties affected" and "no further archaeological investigations are recommended" in a memo dated September 11, 2008 (see Attachment G, Pages 139-140).

(see Attachment G, Pages 135-140)

SECTION D – SECTION 4(F) RESOURCES

	Presence		Impacts		
	Y	N****	Y***	N**	FHWA / OES approval dates
Parks & Other Recreational Land		X			
Publicly owned park		X			
Publicly owned recreation area		X			
National Wild & Scenic River		X			
Section 4(f) Determination of No-Use	X				01/13/2009
Programmatic Section 4(f) Evaluation		X			
Individual Section 4(f)		X			
Section 6(f) involvement		X			
Other (school, state/national forest, bikeway, etc.)	**Milford High School and Milford Junior High School**				

	Presence		Impacts		
	Y	N****	Y***	N**	FHWA / OES approval dates
Natural & Wildlife & Waterfowl Refuges					
Federal		X			
National Wildlife Refuge		X			
National Natural Landmark		X			
State		X			
State Wildlife Area		X			
State Natural Preserve		X			
Section 4(f) Determination of No-Use		X			
Programmatic Section 4(f)		X			
Individual Section 4(f) Evaluation		X			
Section 6(f) involvement		X			

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Cultural Resources Areas	**Y**	**N****	**Y*****	**N****	**FHWA / OES approval dates**
Sites eligible and/or listed for the NRHP		X			
Section 4(f) Determination of No-Use		X			
Programmatic Section 4(f)		X			
Individual Section 4(f) Evaluation		X			

Remarks:

The proposed project will not involve a Section 4(f) use of any wildlife or waterfowl refuges, publicly owned parks, publicly owned recreation facilities, or properties listed on or eligible for the National Register of Historic Places. The proposed project will not involve a Section 6(f) use as no properties that have received funding through the Land and Water Conservation Fund Act are located in the project area (see Attachment G, Page 141).

Coordination with the Milford High School and Junior High School regarding the proposed project took place throughout the planning process. There is a recreational field in the project area that is associated with the two schools. It is located on the west side of Wolfpen-Pleasant Hill Road, immediately south of Eagle Way. The field is for use by the Milford High School and Junior High School sports teams and it is also available to the public for walk-on or organized recreational activities. Because the school recreational facility also serves the public, it is considered a Section 4(f) resource.

Early in the development of the project concept, it appeared the sports field would be physically impacted. In January 2009, a letter was sent by the county to the jurisdictional officials regarding the potentially impacted recreational field on the school property. The letter requested concurrence that the project would not significantly impact the school or the sports field. The County received concurrence from the officials at both schools on January 13, 2009 (see Attachment G, Pages 143-144).

Design changes involving the western sidewalk along the school property occurred concurrently with the writing/signing/receiving of the Section 4(f) concurrence letter. The proposed design changes resulted in the school fields not being impacted. In the end, there would be no change in ownership, no change in use, no change or denial of access and therefore, no impacts to the Section 4(f) resource. Documentation of ODOT's decision that "no further coordination is required" on the referenced Section 4(f) resource is contained in Attachment G, Page 145.

*** If the resource is present but no impacts are anticipated, the reason why is described under Remarks.*
**** Any impacts, mitigation and agency coordination are described under Remarks and coordination letters are attached.*
*****If "No", discuss in the remarks section details about how this determination was made.*

SECTION E – AIR QUALITY & NOISE

	Y	N
Will the project move the travel lanes closer to the receptors?	X	

Air Quality

	Y	N
Conformity Status of the Project		
Is the project in an air quality non-attainment or maintenance area?	X	
Is this project in the STIP?	X	
In this project in the most current MPO air quality conforming TIP?	X	
If NO, is this project exempt from conformity analysis?		

Project-Level Analysis and Impacts	Y	N
Has the project scope changed substantially since the conformity analysis?		X
If YES, will this change require a reevaluation of the MPO TIP conformity?		

Remarks:

The proposed project is included in the OKI *TIP* for fiscal years 2008-2011 (project #82139) (see Attachment H, Page 149). The OKI *TIP*, as amended, is in conformance with the *State Implementation Plan* (*SIP*) of Ohio and complies with the Clean Air Act, and the analysis is in accordance with federal Transportation Conformity Regulations, 40 CFR Parts 51 and 93.

In accordance with the Federal Highway Administration (FHWA) *Interim Guidance on Air Toxic Analysis in NEPA Documents* (02/03/06) and ODOT's *TG-POL-01-06* (08/01/06), this project falls under the category on having No Potential Mobile Source Air Toxics (MSAT) Effects. This project will not result in any meaningful changes in traffic volumes, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions impacts relative to the No Build Alternative. As such, FHWA has determined that this project will generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special MSATs concerns. Consequently, this project is exempt from analysis for MSATs.

Based upon a documented agreement between ODOT and the Ohio EPA, a detailed carbon monoxide air quality analysis is not required for projects that involve a modification of an existing highway that will not cause an increase in average daily traffic (ADT) of more than 10,000 vehicles within 10 years of construction of the project. As the proposed project meets this criteria, a detailed air quality analysis for carbon monoxide is not required.

The proposed project is located in a PM 2.5 Non-Attainment Area; however the project will have no meaningful effect on particulate matter. It does not add capacity to an existing roadway or involve a roadway on new alignment and it is exempt under the Clean Air Act Conformity Rule 40 CFR 93.126.

Noise

	Y	N
Is a noise analysis required in accordance with FHWA regulations and ODOT's statewide noise abatement policy?		X
If YES, is a design year noise impact predicted?		
If YES, have all noise attenuation measures been considered, consistent with the policy?		
If NO, explain why not:		
Is noise attenuation found to be reasonable and feasible?		

Remarks: The project length is only 1.07 miles. The threshold of 1.5 miles of additional through lane is not met on this project. The project is not anticipated to create a noise increase of greater than 10 dBA. A new roadway is not being constructed, only minimal adjustments will be made to the vertical and horizontal alignment, through lanes are not being added and there will be no change in the vehicle mix and/or speed. This project does not meet the criteria requiring a noise analysis as stipulated in the OES Standard Procedures No. 417-001(SP) (08/14/08 Standard Procedure for Analysis and Abatement of Highway Traffic Noise). Therefore, based upon the above stated limitations, a project noise analysis study is not required. (see Attachment C, Pages 18-29 for project plan and profile sheets).

SECTION F – COMMUNITY IMPACTS

Regional, Community & Neighborhood Factors	**Y**	**N**
Will the proposed action comply with the local/regional development patterns for the area?	X	
Will the proposed action result in substantial impacts to community cohesion?		X
Will the proposed action result in substantial impacts to local tax base or property values?		X

Remarks: Local planning documents and local officials were consulted to ensure the project's consistency with local plans. The proposed project is included in the OKI 2008-2011 *TIP* (PID #82139) (see Attachment H, Page 149).

The proposed project is identified in the CCTID *RTIP* as a Group 1 project. As previously stated, the proposed project is one project within the CCTID SR 28 Corridor Improvement Program.

Land uses along the project corridor will likely remain the same in the future, but could become more intensified and/or redeveloped, particularly in the commercial areas located at the project's southern and northern termini. The residential neighborhood is well-established and no changes to it are anticipated. The Milford High School and Junior High School have a master plan that includes building additions and new or relocated recreational fields; however, the school plans to maintain its existing circulation and driveways.

Miami Township's *Preferred Land Use Plan* calls for commercial redevelopment around the intersection of Wolfpen-Pleasant Hill Road and SR 131, so the existing commercial development at the project's southern terminus will likely become more intensive. Finally, the Township's *Preferred Land Use Plan* and its *SR 28 Redevelopment/Transformation Plan* outline a plan to redevelop the SR 28 corridor into a mixed-use, pedestrian-friendly Town Center. When this occurs, it will be a considerable attraction for the neighborhoods south of SR 28, making Wolfpen-Pleasant Hill Road an important north-south connection to the Town Center.

Pursuant to SAFETEA-LU and NEPA, coordination with local officials, agencies and the public was conducted early in the planning process. In order to clearly identify the purpose and need for the project and to identify important community resources, an open house public meeting was held on April 3, 2008. The proposed project has not generated any public controversy. The proposed project is not anticipated to reduce property values, impact community cohesion, or have adverse social and economic benefits. Conversely, the improved and safer access to the Milford High School and Junior High School would benefit the community.

	Y	**N**
Will the proposed action result in reasonably foreseeable secondary or cumulative impacts?		X

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Remarks: Due to the nature of the project and the project area, secondary or cumulative impacts are not anticipated.

Public Facilities & Services

	Y	N
Will the proposed action result in substantial impacts on health and educational facilities, public utilities, fire, police, emergency services, religious institutions, public transportation or pedestrian and bicycle facilities?		X

Remarks: The proposed project will have beneficial impacts on public facilities and services by providing:

- Improved vehicular access to the Milford High School and Junior High School;
- Pedestrian facilities for students and area residents;
- Safer travel conditions for students, parents and school buses; and
- Improved response conditions for emergency response vehicles.

Although much of the construction can occur while maintaining two-way traffic, a detour will be required when fixing the vertical alignment deficiencies along Wolfpen-Pleasant Hill Road. In an attempt to minimize impacts to school bound traffic, road closures will occur while the high school and junior high school are out of session to the greatest extent possible. Furthermore, impacts to the Milford Junior High School and High School as a result of the detour will be minimal because access to the school will be maintained throughout construction via Eagle Drive's access point to SR 131. Access to the Trinity United Methodist Church will be maintained with two-way traffic to the north during most of the construction. The Contractor will advise the Project Engineer in advance of the start of construction activities, lane closures and road closures. The County will stipulate the timing of this notice so that they may provide notifications well in advance of these activities in accordance with their normal practice. The project engineer will forward this information to the County. The County will then provide written notification to the local emergency services, the affected schools, the church, residences and businesses of any upcoming project lane closures/detours. It is not anticipated that these procedures will have substantial adverse impacts to public facilities, and the proposed improvements will improve access and mobility for public facilities, most notably schools, emergency services and pedestrian facilities.

Environmental Justice (Presidential Executive Order 12898)

	Y	N
During public involvement activities, were Environmental Justice issues raised?		X
Are any Environmental Justice populations located within the project area?		X
Will the project result in adversely high or disproportionate impacts to the population?		X

Remarks: To determine the impacts of the Build Alternatives on minority and low-income populations, project planners reviewed US Census data for the project area, coordinated with local government, held public meetings and conducted field reviews.

There is no evidence that low income and/or minority populations would bear any adverse effects as a result of the proposed project. The proposed project would not:

- Have adverse social or economic effects,
- Limit access to public or private facilities and services,
- Reduce property values,
- Impact community cohesion, or
- Result in noise or visual impacts on this community.

For the reasons discussed above, the project will have no disproportionately high and adverse impacts on minority and low-income populations with respect to human health and the environment.

(see Attachment I, Pages 153-160)

Displacement of People, Businesses or Farms:

	Y	N
Will the proposed action displace people, businesses or farms?	X	

Number of displacements: Residences: **1** Businesses: **0** Farms: **0** Institutions: **0**

Remarks:

One residence will be displaced as a result of the proposed improvements to Wolfpen-Pleasant Hill Road (5819 Wolfpen-Pleasant Hill Road, Parcel # 182516G007). Clermont County has notified the property owner of the displacement and is working with them to minimize the disruption caused by the relocation.

To minimize the unavoidable effects of the displacement, the County will carry out the relocation in accordance with 39 CFR Part 24, as amended. Relocation resources are available to all residential relocatees without discrimination. Clermont County will assure that the relocatee will be offered decent, safe and sanitary housing within their financial means. Within a reasonable amount of time prior to displacement, a comparable replacement dwelling will be available or provided for the displaced family who is the initial occupant, or an adequate replacement dwelling will be available or provided for subsequent occupants. The relocation program will be realistic and adequate to provide orderly, timely and efficient relocation of persons displaced by this project.

The County will provide advance notification of impending ROW acquisition and, before acquiring ROW, will have all properties appraised on the basis of comparable sales and land values in the area. Owners of properties from which ROW will be acquired will be offered and paid fair market value for their property. Displacees will be interviewed during the acquisition phase, and solutions that are more specific will be made at the time all the facts are gathered. Because sufficient replacement property appears to be available, the need for Last Resort Housing is not anticipated

(See Attachment C, Plan Sheet 35/131).

SECTION G – PUBLIC INVOLVEMENT

Per ORC 5511.01 and 23 CFR 771.111 (h)(2)(i) and (ii), every Federal action requires some level of public involvement, providing for early and continuous opportunities throughout the project development process. **The level of public involvement should be commensurate with the proposed action.**

Discuss what public involvement activities (letters to affected property owners and residents, meetings, special purpose meetings, newspaper articles, etc.) have occurred for this project.

Were you inclusive of minority and low income people in your public involvement activities? **Yes*** [X] **No** [ ]

** If YES, explain below.*

A letter of notification was mailed to property owners located within the project corridor on December 4, 2007. The letter included contact information for the CCTID, should anyone have questions, concerns or special needs (see Attachment J, Page 161).

An open house public meeting was held on April 3, 2008, at the Milford Junior High School Cafeteria, which is located in the project area. An open house flyer was produced and mailed to the approximately 120 property owners in the project corridor, as well as local stakeholders (see Attachment J, Page 171-177). A press release was sent to local media outlets and the meeting was advertised in local newspapers (see Attachment J, Pages 179-181). Because no environmental justice populations were identified within the project corridor, the advertising for the public meeting was oriented towards the community-at-large, regardless of race or income.

The goal of the first public meeting was to gather public input on the purpose and need for the project, and gather information on the public's concerns. Approximately 56 people attended the meeting (see Attachment J, Pages 183-189), and fourteen people submitted comment forms (see Attachment J, Pages 199-228). A summary of the important issues and concerns gathered from the meeting can be found in Attachment J (see Attachment J, Pages 191-198). In general, people expressed concerns about congestion, safety, and the lack of pedestrian facilities. The information gathered at the public meeting assisted in the development of the purpose and need for the project. It also assisted in the development of alternatives that respond to the community's concerns.

A second open house public meeting was held on October 1, 2008, at the Milford Junior High School Cafeteria. An open house flyer was produced and mailed to the approximately 120 property owners in the project corridor, as well as local stakeholders (see Attachment J, Pages 229-235). The goal of the second public meeting was to gather public input on the proposed Build Alternative. Approximately 20 people attended the meeting (see Attachment J, Pages 239-241) and six people submitted comment forms (see Attachment J, Pages 243-254). People expressed support for the proposed project, and several stressed the need for sidewalks along the roadway.

(see Attachment J, Pages 161-254)

Ohio Department of Transportation

County Clermont Route CR 132 Section 2.5 PID 82139 SJN 487183

Public Controversy on Environmental Grounds	**Y**	**N**
Will the project involve substantial controversy concerning community and/or natural resource impacts?		X

Remarks: Coordination with the public to learn about their concerns took place throughout the planning process. Two public meetings were held during which residents were given an opportunity to express their views regarding the proposed project. No substantial community or natural resource issues have been raised.

SECTION H – HAZARDOUS MATERIALS & REGULATED SUBSTANCES

	Documentation Y	N
Environmental Site Assessment Screening / Checklist	X	
Phase I Environmental Site Assessment	X	
Phase II Environmental Site Assessment		
Design for Remediation		

Remarks: An Environmental Screening Assessment (ESA) Checklist was completed on 02/20/2008 by GS&P. The findings of the ESA resulted in a Phase I ESA being required for the United Dairy Farmers Gas Station (Parcel ID 182405A015), the BP Gas Station (Parcel ID 182405A01) and the Speedway Gas Station (Parcel ID 182405C031). Documentation of this coordination can be found in Attachment K (see Page 257-263). A Phase I ESA was completed and submitted by GS&P to ODOT in January 2009. ODOT-OES responded on 03/02/09.

Based on the ROW to be acquired, excavation needed for the storm sewer installation, and previous finding of free-product during storm sewer repair in the area, ODOT-OES requested a Phase II ESA for the BP Gas Station and the United Diary Farmers Gas Station. No further ESA or special material management is warranted for the Speedway Gas Station. Evidence of this coordination can be found in Attachment K (see Pages 265-266).

Phase II ESA's will be conducted for the BP Gas Station and the United Diary Farmers Gas Station in the next phase of project development, and any forthcoming results of the final Phase II ESA coordination will be accommodated via plan notes, prior to the project sale date.

SECTION I – PERMITS CHECKLIST

	Required	**Not Required**	**Complete** Y	N
OES Permit Determination (PD)				X
Army Corps of Engineers (404/Section10 Permit				
Individual (IP)		X		
Nationwide (NWP)	X			
Pre-Construction Notification (PCN)		X		
OEPA				
Level 1 Review – General Isolated Wetland Permit		X		
Level 2 Review – Individual Isolated Wetland Permit		X		
Level 3 Review – Individual Isolated Wetland Permit		X		
401 Water Quality Certification (WQC)		X		
NPDES Construction Storm Water Permit	X			
US Coast Guard Section 9 Bridge Permit		X		
Wetland and/or Stream Mitigation		X		
Flood Plain Permit		X		

Ohio Department of Transportation

County Clermont Route CR 132 Section 2.5 PID 82139 SJN 487183

Remarks: It is anticipated that the proposed project will require a Nationwide Permit (NWP) from the United States Army Corps of Engineers (USACE). A Waterway Permit Determination Package is currently being prepared by BHE Environmental, Inc. and was near completion as of May 29, 2009.

Construction of this project will require the disturbance of at least 10.4 acres of land surface. Standard erosion control plan notes, and the Contractor's Storm Water Pollution Prevention Plan (SWPPP) will further detail the project specific soil erosion prevention measures. In addition to the current CMS, SS, plan notes and SWPP stipulations, all of the regulations and conditions associated with the required National Pollutant Discharge Elimination System (NPDES) Construction Storm Water Permit shall require the contractor's full compliance.

SECTION J – ENVIRONMENTAL COMMITMENTS MADE & RESOURCES TO BE AVOIDED

1. All utility relocations shall be coordinated between the contractor and the utility owners in such a way as to avoid, and/or minimize, any inconvenience to potentially affected customers. Any potentially involved utility companies will be responsible for moving their respective installations to new locations, and will be compliant with ODOT roadway design standards. A list of all of the utility owners located within the project work limits will be provided as a note in the plans.

2. The Contractor shall follow BPMs for temporary sediment and erosion control during construction in accordance with Construction and Material Specifications Section 107.21, Supplemental Specifications 832. Standard plan notes and estimated quantities in accordance with Supplemental Specifications 832 will be included in the plans to handle erosion control.

3. Construction of this project will require the disturbance of at least 10.4 acres of land surface. Standard erosion control plan notes, and the Contractor's Storm Water Pollution Prevention Plan (SWPPP), will further detail the project specific soil erosion prevention measures. In addition to the current CMS, SS, plan notes and SWPPP stipulations, all of the regulations and conditions associated with the required NPDES permit shall require the Contractor's full compliance.

4. The Contractor will advise the Project Engineer in advance of the start of construction activities, lane closures and road closures. Clermont County will stipulate the timing of this notice so that they may provide notifications well in advance of these activities in accordance with their normal practice. The project engineer will forward this information to the County. The County will then provide written notification to the local emergency services, the affected schools, residences and businesses of any upcoming project lane closures/detours.

5. Phase II ESA's will be conducted for the BP Gas Station and the United Diary Farmers Gas Station in the next phase of project development, and any forth coming results of the final Phase II ESA coordination will be accommodated.

6. The proposed water way impacts meet the criteria of USACE 404/401 Nationwide Permit #3, with special provisions. Upon final issuance of the permit determination by ODOT-OES, all construction practices and activities shall be in full compliance with the conditions stipulated in Nationwide Permit #3 and the associated Special Provisions. The NWP #3, along with the associated approval date shall be stipulated in the construction contract plans.

7. Project sale will be scheduled in a manner to limit disruptions to Milford Junior High and High Schools.

Ohio Department of Transportation

County Clermont Route CR 132 Section 2.5 PID 82139 SJN 487183

SECTION K – CONCURRENCE

It is hereby determined that the subject project meets the criteria for CE in accordance with the *Programmatic Categorical Exclusion Agreement* between ODOT and FHWA. This action does not: induce significant impacts to planned growth or land use for the area; require relocation of significant numbers of people; have significant impact on any natural, cultural, recreational, historic, or other resource; involve significant air, noise, or water quality impacts; have significant impacts on travel patterns; or otherwise, either individually or cumulatively, have any significant impacts and do not require the preparation of an Environmental Assessment or an Environmental Impact Statement.

As supported by information contained in this Categorical Exclusion Document, this project qualifies for a CE Level 2, Item Number 1,5,10, in accordance with the *Programmatic Categorical Exclusion Agreement* between ODOT and FHWA dated

Margaret Slater, Gresham, Smith and Partners — 06/12/09

Name of Preparer and Organization — **Date**

Robert Smith P.E. — 6/15/09 — Andrew J Fluegemann — 6/15/09

District Environmental Coordinator — **Date** — Actg **District Planning & Programs Administrator** — **Date**

Office of Env. Services Administrator — **Date** — **If CE-4: Date Submitted to FHWA**

Attachment A – Mapping

1) General Location Map
2) Aerial Location Map
3) Study Area Map
4) USGS Quadrangle Map

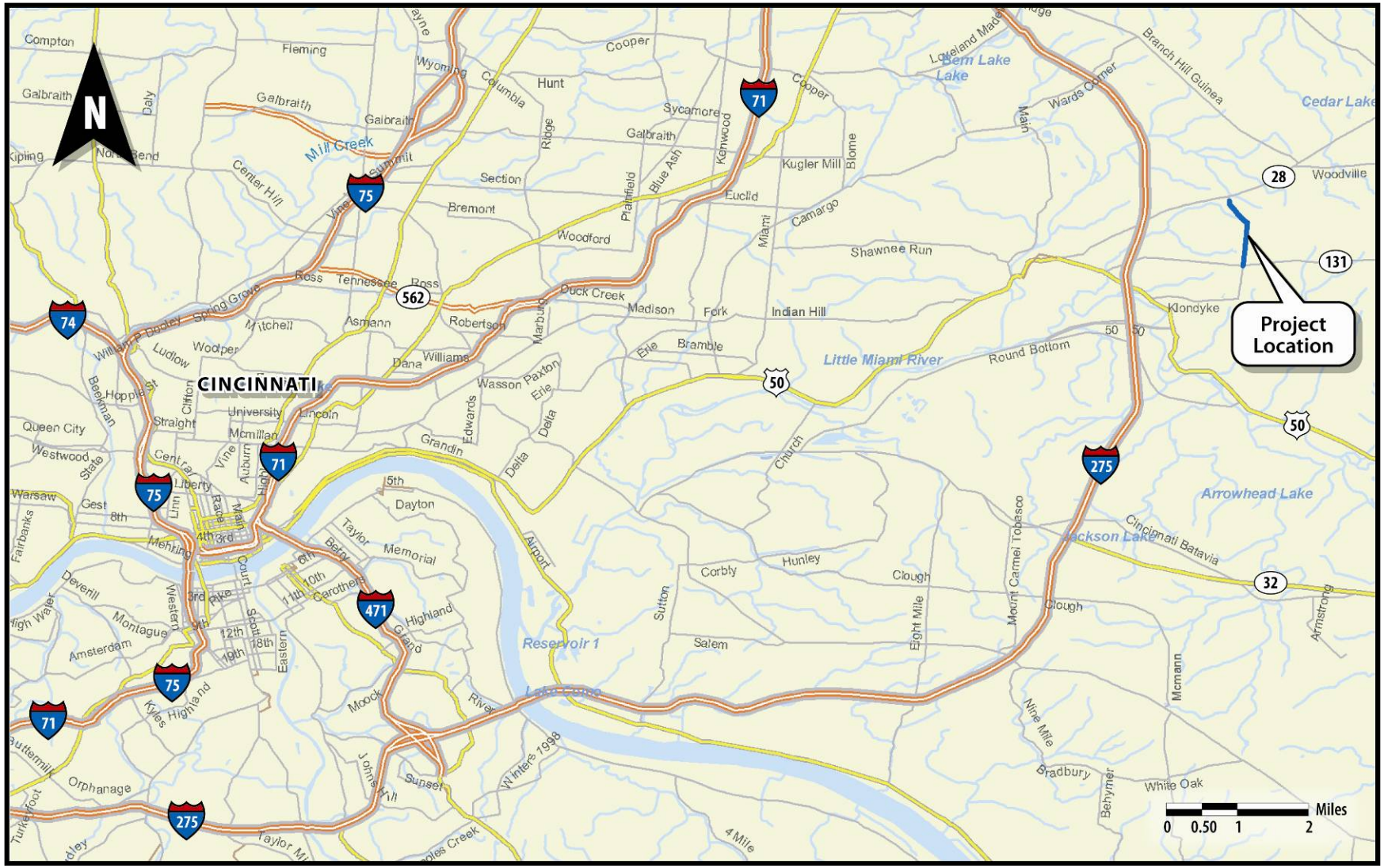


Figure 1. General Location Map, PID# 82139, Wolfpen Pleasant Hill Road, From SR 131 to Allen Drive

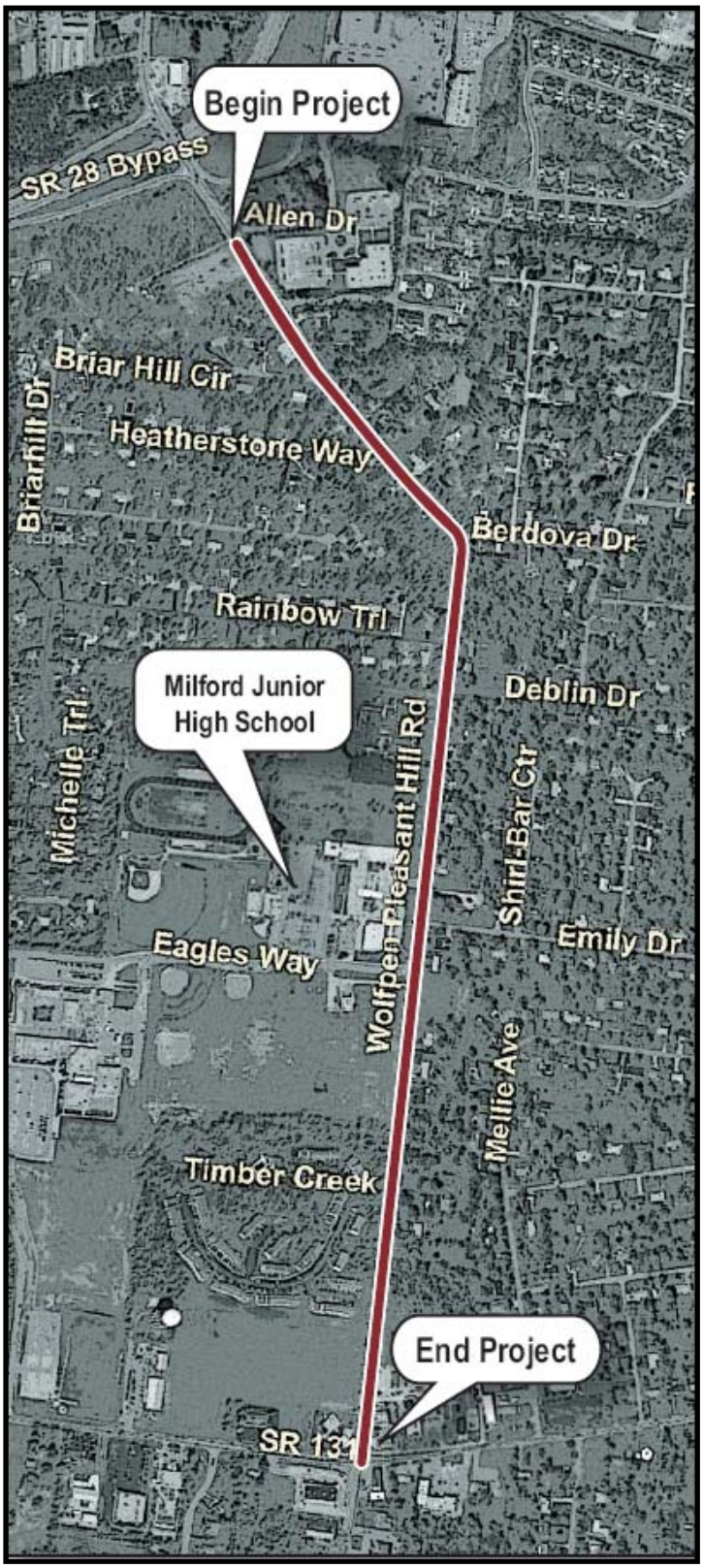


Figure 2. Project Location Map, PID# 82139, Wolfpen Pleasant Hill Road, From SR 131 to Allen Drive

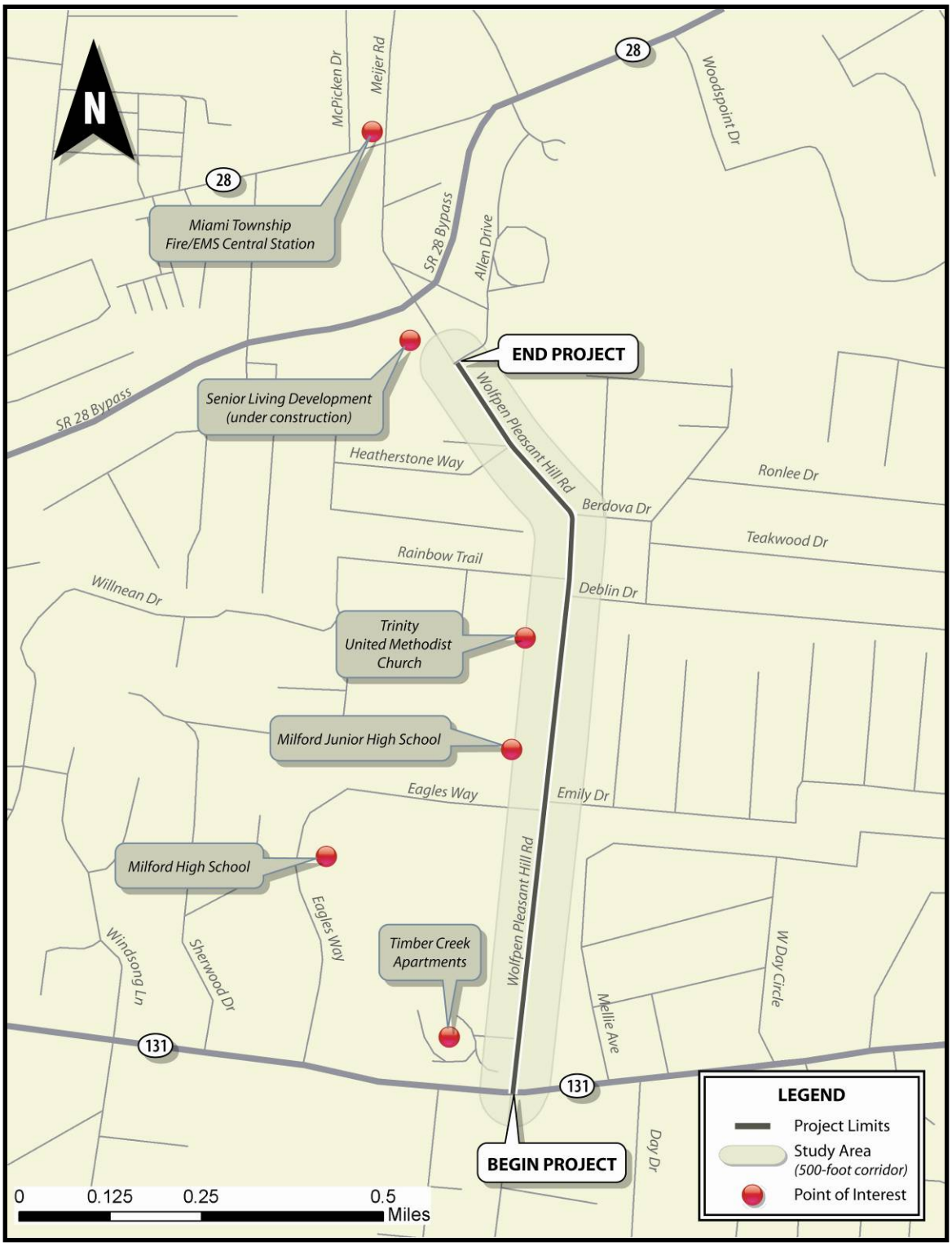


Figure 3. Study Area Map, PID# 82139, Wolfpen Pleasant Hill Road, From SR 131 to Allen Drive

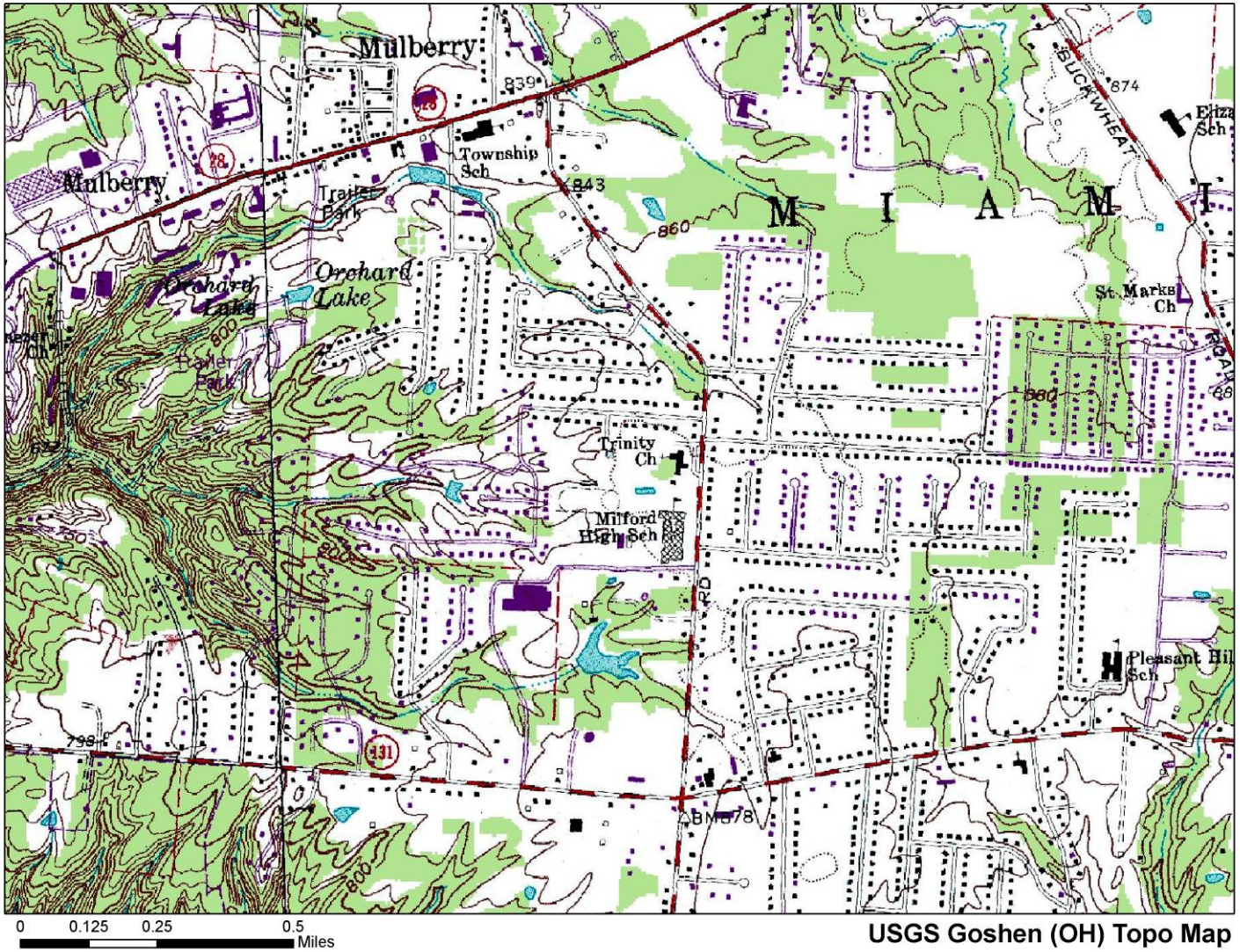


Figure 4. USGS Quadrangle Map, PID# 82139, Wolfpen Pleasant Hill Road, From SR 131 to Allen Drive

Attachment B – Photolog

Photo: 1

Direction: Looking South

Station Number: 196+00

Description: Photo taken from Wolfpen Pleasant Hill Road at Bypass 28.

Photo: 2

Direction: Looking East

Station Number: 193+50

Description: Photo taken from Wolfpen Pleasant Hill Road of car wash near Allen Drive.

Photo: 3

Direction: Looking South

Station Number: 193+00

Description: Photo taken from Wolfpen Pleasant Hill Road of the Wolfpen Pleasant Hill Road/Allen Road intersection.

Photo: 4

Direction: Looking South

Station Number: 184+50

Description: Photo taken of Wolfpen Pleasant Hill Road from Morningside Circle.

Photo: 5

Direction: Looking South

Station Number: 177+00

Description: Photo taken of Wolfpen Pleasant Hill Road just north of Berdova Drive.

Photo: 6

Direction: Looking South

Station Number: 174+00

Description: Photo taken of Wolfpen Pleasant Hill Road between Berdova Drive and Rainbow Trail.

Photo: 7

Direction: Looking South

Station Number: 157+50

Description: Photo taken of Wolfpen Pleasant Hill Road at Milford Jr. High School (looking at Eagles Way traffic signal).

Photo: 8

Direction: Looking South

Station Number: 152+00

Description: Photo taken of Wolfpen Pleasant Hill Road immediately south of Milford Jr. High School and Eagles Way.

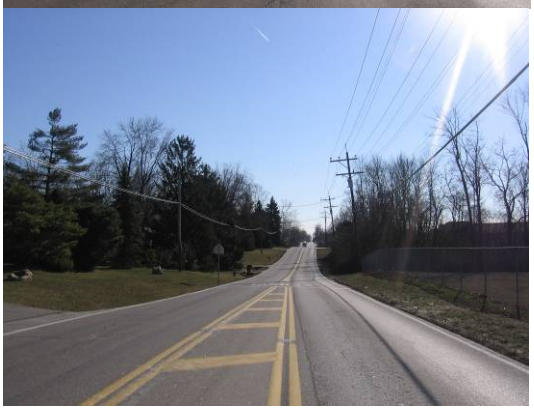


Photo: 9

Direction: Looking South

Station Number: 144+00

Description: Photo taken of Wolfpen Pleasant Hill Road immediately south of Timber Creek.

Photo: 10

Direction: Looking South

Station Number: 137+00

Description: Photo taken of Wolfpen Pleasant Hill Road, immediately north of the SR 131 intersection.

Photo: 11

Direction: Looking Southeast

Station Number: 135+00

Description: Photo taken from Wolfpen Pleasant Hill Road of the Speedway Fueling Station located on the southeast quadrant of the SR 131 and Wolfpen Pleasant Hill Road intersection.

Photo: 12

Direction: Looking East

Station Number: 135+00

Description: Photo taken of from Wolfpen Pleasant Hill Road and the BP Fueling Station located on the northeast quadrant of the SR 131 and Wolfpen Pleasant Hill Road intersection.

Photo: 13

Direction: Looking West

Station Number: 135+00

Description: Photo taken of the United Dairy Farmers Fueling Station located on the northwest quadrant of the SR 131 and Wolfpen Pleasant Hill Road intersection.

Photo: 14

Direction: Looking South

Station Number: 134+00

Description: Photo taken from Wolfpen Pleasant Hill Road of the CVS Pharmacy located on the southwest quadrant of the SR 131 and Wolfpen Pleasant Hill Road intersection.

Photo: 15

Direction: Looking South

Station Number: 134+00

Description: Photo taken from Wolfpen Pleasant Hill Road of the SR 131 and Wolfpen Pleasant Hill Road intersection.

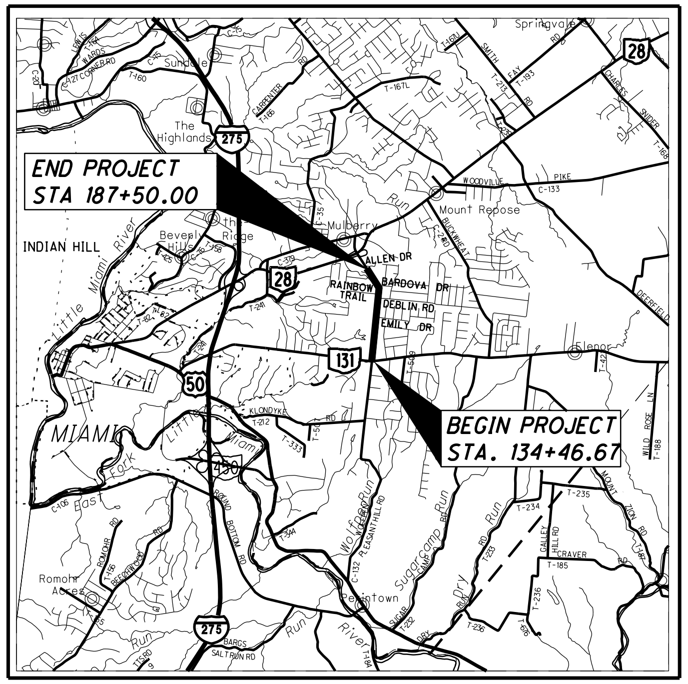
Attachment C – Project Plan Sheets

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

CLE-C.R. 132-2.50
WOLFPEN-PLEASANT HILL ROAD

MIAMI TOWNSHIP
CLERMONT COUNTY



LOCATION MAP

LATITUDE: 39° 11′ 00″ LONGITUDE: 84° 14′ 7″

SCALE IN MILES

0 1 2 3 4

PORTION TO BE IMPROVED
INTERSTATE & DIVIDED HIGHWAY
UNDIVIDED STATE & FEDERAL ROUTES
OTHER ROADS

DESIGN DESIGNATION

CURRENT ADT (2010)	19,110
DESIGN YEAR ADT (2030)	22,170
DESIGN HOURLY VOLUME (2030)	2,000
DIRECTIONAL DISTRIBUTION	
TRUCKS (24 HOUR B&C)	
DESIGN SPEED	45 MPH
LEGAL SPEED	40 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	Collector

DESIGN EXCEPTIONS

NONE

UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG
CALL
1-800-362-2764
(TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY
OIL & GAS PRODUCERS PROTECTIVE
SERVICE CALL: 1-800-925-0988

G S & P

PLAN PREPARED BY:
GSP/OH, Inc.
Westlake Center; Suite 100
4555 Lake Forest Drive
Cincinnati, Ohio 45242

INDEX OF SHEETS:

TITLE SHEET	1
SCHEMATIC PLAN	2
TYPICAL SECTIONS	3-4
GENERAL NOTES	5
MAINTENANCE OF TRAFFIC	6-26
PLAN AND PROFILE	27-41
CROSS SECTIONS	42-90
DRIVE DETAILS	91-97
SUPERELEVATION TABLE	98
INTERSECTION DETAILS	99-101
MISCELLANEOUS DETAILS	102-103
DRAINAGE PLAN AND PROFILE	104-114
CULVERT DETAILS	115-116
TRAFFIC CONTROL	117-131
RIGHT OF WAY	
SOIL PROFILES	

PROJECT DESCRIPTION

IMPROVEMENT OF 1.07 MI. OF WOLFPEN PLEASANT HILL ROAD IN CLERMONT COUNTY, OHIO. THIS INCLUDES: IMPROVEMENTS TO THE VERTICAL AND HORIZONTAL ALIGNMENTS, CONSTRUCTION OF A CLOSED DRAINAGE SYSTEM, CURBS, SIDEWALKS AND WIDENING THE PAVEMENT WIDTH TO A TYPICAL WIDTH OF 44′.

2008 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEETS 6-25, AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON THE PLANS.

UNDER AUTHORITY OF SECTION 4511.21, DIVISION (H) OF THE OHIO REVISED CODE, THE REVISED PRIMA FACIE SPEED LIMITS AS INDICATED HEREIN ARE DETERMINED TO BE REASONABLE AND SAFE, AND ARE HEREBY ESTABLISHED FOR THE DURATION OF THIS PROJECT. THE PRIMA FACIE SPEED LIMIT OR LIMITS HEREBY ESTABLISHED SHALL BECOME EFFECTIVE WHEN APPROPRIATE SIGNS GIVING NOTICE THEREOF ARE ERECTED.

STAGE TWO SUBMISSION

STANDARD CONSTRUCTION DRAWINGS					SUPPLEMENTAL SPECIFICATIONS
					SS 878 4/18/08
					SPECIAL PROVISIONS

ENGINEERS SEAL:

SIGNED: ____
DATE: ____

APPROVED ____
DATE ____ CLERMONT COUNTY TRANSPORTATION IMPROVEMENT DISTRICT

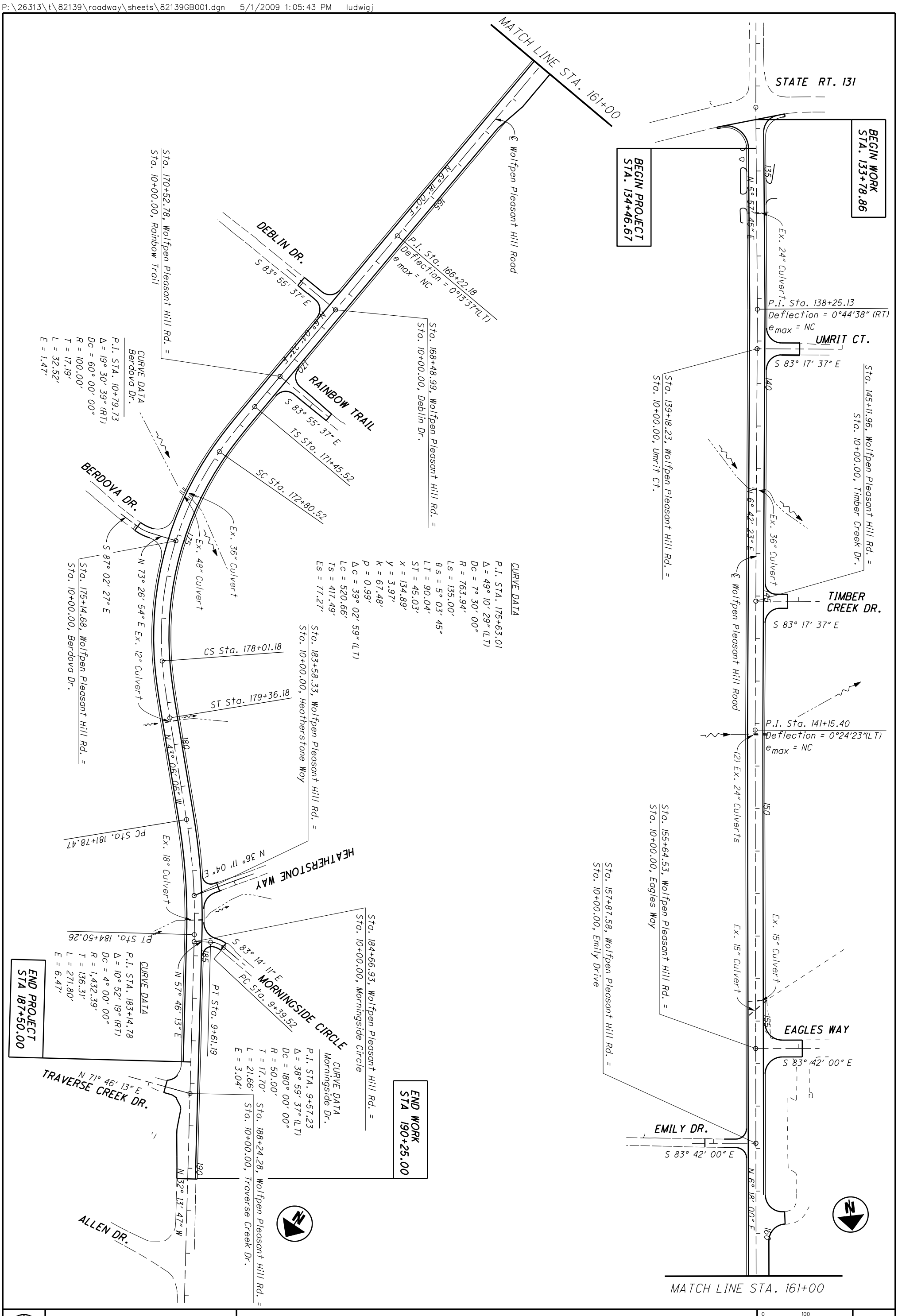
APPROVED ____
DATE ____ CLERMONT COUNTY ENGINEER

APPROVED ____
DATE ____ DISTRICT DEPUTY DIRECTOR

APPROVED ____
DATE ____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO.	PID NO.	CONSTRUCTION PROJECT NO.	RAILROAD INVOLVEMENT	
E070488	82139		NONE	WOLFPEN-PLEASANT HILL ROAD

P:\26313\t\82139\roadway\sheets\82139GT001.dgn 5/1/2009 3:09:42 PM ludwigj



2
131

WOLFPEN-PLEASANT HILL ROAD

SCHEMATIC PLAN

0 100 200
HORIZONTAL SCALE IN FEET

UTILITIES
LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

GAS:
MR. BILL ROTH
DUKE ENERGY / GAS ENGINEERING
139 E 4TH STREET, ROOM 467A
CINCINNATI, OHIO 45202
PHONE 513.287.1098

ELECTRIC:
MS. GINNY MEYER
DUKE ENERGY
139 E 4TH STREET, ROOM 467A
CINCINNATI, OHIO 45202
PHONE: 513.287.1748

TELEPHONE:
MR. MARK CONNER
CINCINNATI BELL TELEPHONE
241 E 4TH STREET, BLDG. 343
CINCINNATI, OHIO 45202
PHONE: 513.565.7043

CABLE:
MR. GARY NAPIER
TIME WARNER CABLE
11252 CORNELL PARK DRIVE
CINCINNATI, OHIO 45242
PHONE 513-469-5483

WATER & SANITARY SEWER:
MR. TIM CHERRY
CLERMONT COUNTY WATER & SEWER DISTRICT
4400 HASKELL LANE
BATAVIA, OHIO 45103
PHONE: 513.479.4031

STORM SEWER:
MR. JOHN MCMANUS
CLERMONT COUNTY WATER & SEWER
4400 HASKELL LANE
BATAVIA, OHIO 45103
PHONE: 513.732.7880

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

CONTINGENCY QUANTITIES
THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ELEVATION DATUM
ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM NAVD 88.

CONSTRUCTION NOTIFICATION NOTE
THE CONTRACTOR WILL ADVISE THE PROJECTE ENGINEER A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE CLOSURE AND/OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE DISTRCICT PUBLIC INFORMATION OFFICE (PIO) BY FAX AT (513)932-7651 OR AT THE DISTRICT 8 PIO NOTIFICATION WEBSITE, HTTP://WWW.DOT.STATE.OH.US/DISTRICTS/D08/PAGES/PLANNINGPIOWEBFORM.ASPX. THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LEGAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS, VIA MEDIA SOURCES.

WORK LIMITS
THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

PROOF ROLLING
THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS THE LOCATIONS REQUIRING PROOF ROLLING.

ITEM 204 - PROOF ROLLING xx HOURS

APPLICATION RATES
THE RATE OF APPLICATION FOR THE TACK COAT, PRIME COAT AND CRACK SEALING SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. FOR ESTIMATING PURPOSES ONLY, THE PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF:

407, TACK COAT
407, TACK COAT FOR INTERMEDIATE COURSE
408, PRIME COAT

SEEDING AND MULCHING
THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SEEDING AND MULCHING - xxx,xxx SQ. YD.

659, SOIL ANALYSIS TEST - x EACH
(xxxxxx) X (1 TEST / 48400 SY) = x.x EACH

659, COMMERCIAL FERTILIZER - xx.xx TON
[(xxxxxx) X (1 TON / 7410 SY)] + [(xxxxx) X (1 TON / 11115 SY)] = xx.xx TON

659, INTER-SEEDING - xx,xxx SQ. YD.
(xxxxxx) X (.05) = xxxxx SQ. YD.

659, LIME - xx.xx ACRES
(xxxxxx) X (1 ACRE / 4860 SY) = xx.xx ACRES

659, WATER - x,xxx M. GAL.
[(xxxxxx) X (0.0054 M GAL X SY)] + [(xxxxx) X (0.0027 M GAL / SY)] = xxxx.x M. GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ITEM 206 - LIME KILN DUST STABILIZED SUBGRADE
CONSTRUCTION OF LIME KILN DUST STABILIZED SUBGRADE SHALL FOLLOW THE CONSTRUCTION METHODS OUTLINES IN ITEM 206 FOR CEMENT STABILIZED SUBGRADE. THE LIME KILN DUST SUPPLIED FOR THE WORK SHALL CONFORM TO 712.04C OF THE CMS. PAYMENT FOR THE ITEM 206 LIME KILN DUST STABILIZED SUBGRADE SHALL BE PER THE CMS REQUIREMENTS.

ITEM 206 - CURING COMPOUND, AS PER PLAN
CURE THE LIME KILN DUST STABILIZED SUBGRADE WITH RAPID SETTING EMULSIFIED ASPHALT, CONFORMING TO 702.04. NO SUBSTITUTE FOR THE EMULSIFIED ASPHALT CURE SHALL BE PERMITTED. ALL OTHER ITEMS OF ITEM 206, LIME KILN DUST STABILIZED SUBGRADE SHALL APPLY.

LEGEND

ITEM 448 - 1½" Asphalt Concrete Surface Course, Type 1, PG 64-22
ITEM 448 - 1½" Asphalt Concrete Intermediate Course, Type 2, PG 64-22
ITEM 301 - 6" Asphalt Concrete Base, PG 64-22
ITEM 304 - 6" Aggregate Base
ITEM 606 - Lime Kiln Dust Stabilized Subgrade, 14" deep

ITEM 448 - 1½" Asphalt Concrete Surface Course, Type 1, PG 64-22
ITEM 448 - 1½" Asphalt Concrete Intermediate Course, Type 2, PG 64-22
ITEM 448 - 0" Min. Asphalt Concrete Intermediate Course (Leveling Course)
ITEM 254 - Pavement Planing

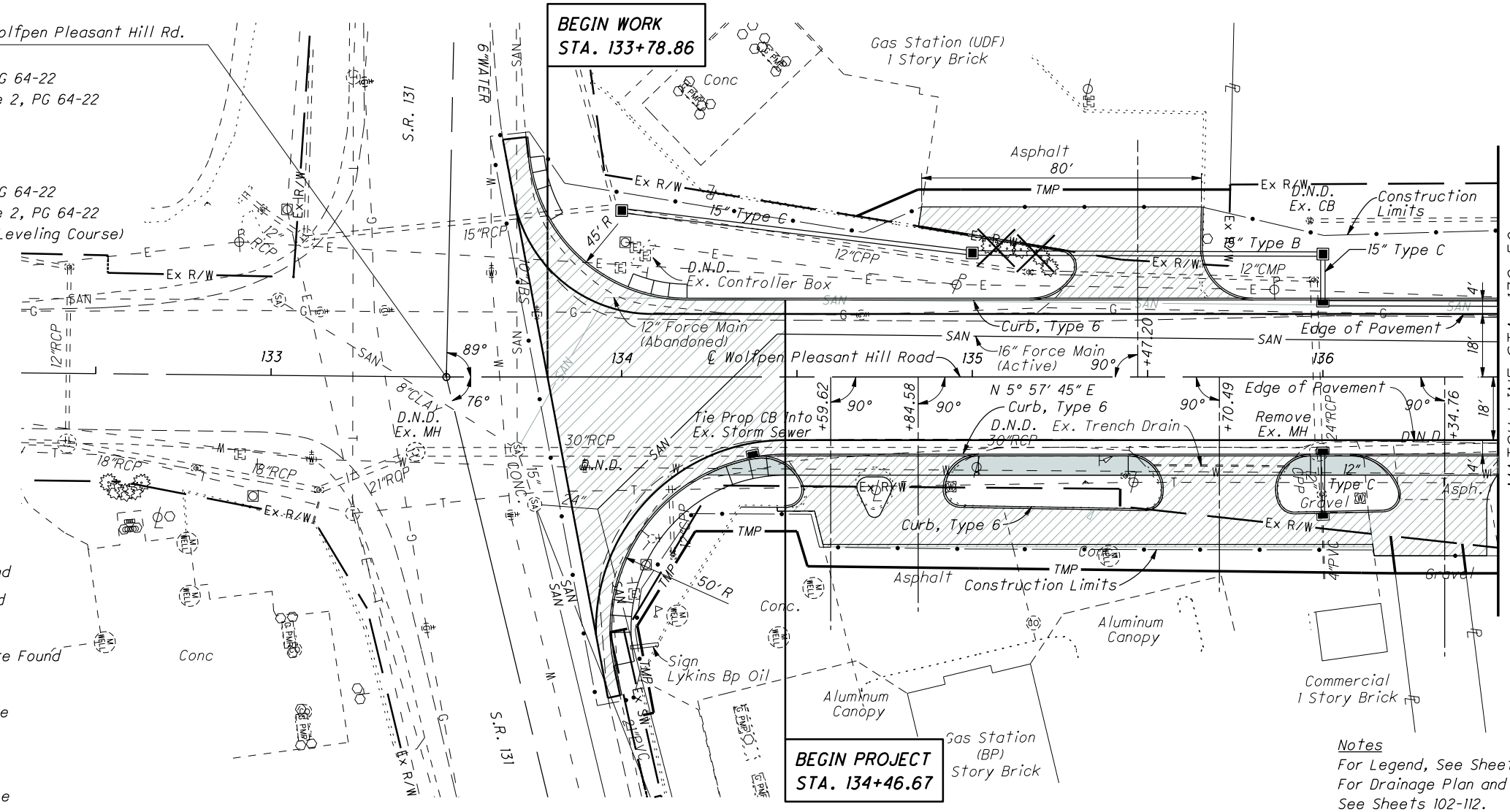
ITEM 608 - 5" Concrete Walk

Residential Driveways (Concrete Aprons)
ITEM 452 - 5" Plain Concrete Pavement

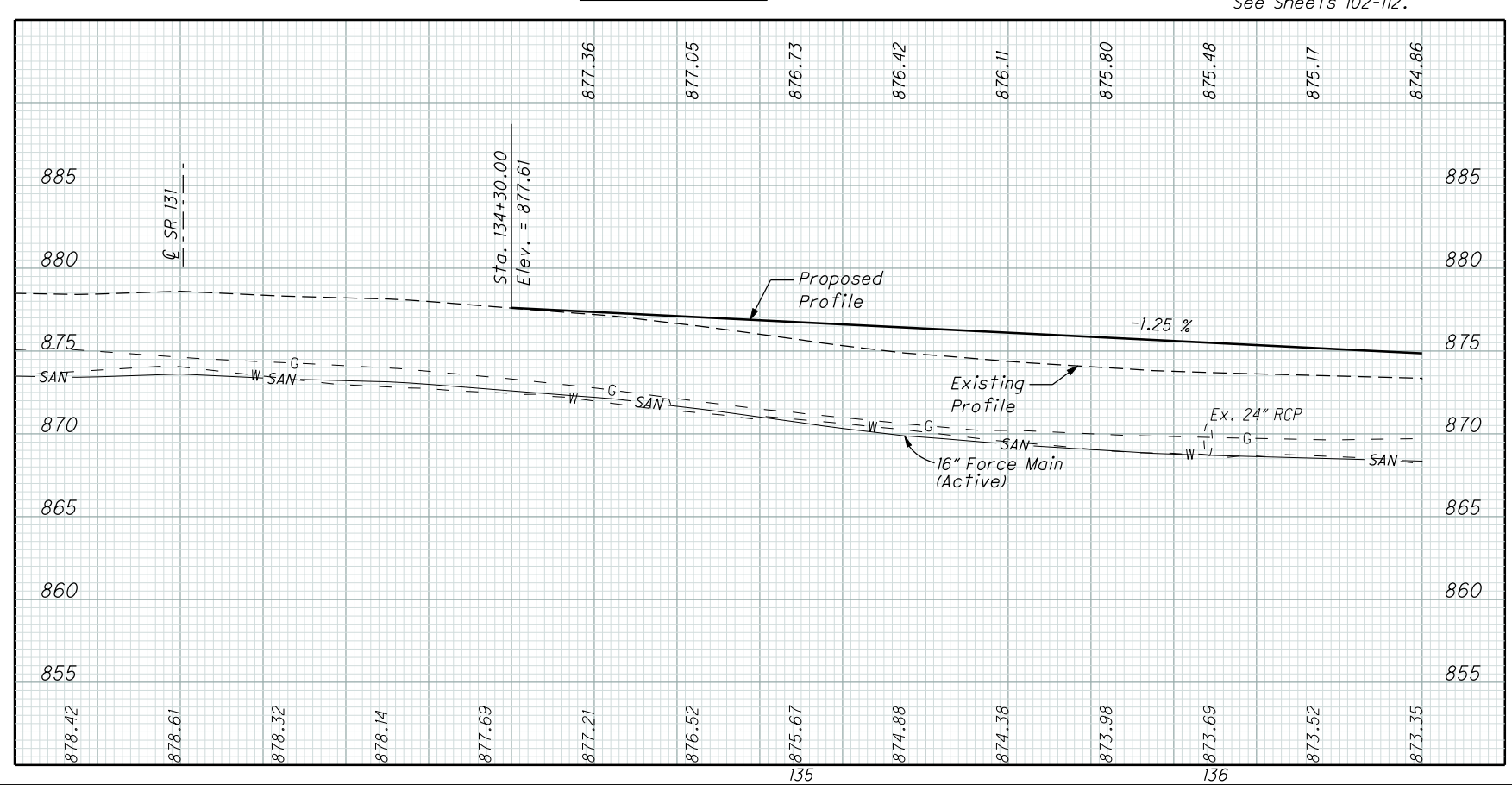
Residential Driveways (Asphalt)
ITEM 448 - 2" Asphalt
ITEM 304 - 6" Aggregate Base

Commercial Driveways (Asphalt)
ITEM 448 - 4" Asphalt
ITEM 304 - 8" Aggregate Base

	Miscellaneous Control Point	P.F.	Iron Pipe Found
	Guy Wire Anchor (Deadman)	M.N.F.	MAG Nail Found
SA	Sanitary Manhole	P.K.F.	PK Nail Found
	Utility Riser/Pedestal/Box		Rail Road Spike Found
	Water Meter		Public Sign
	Square Catch Basin		Deciduous Tree
MB	Mail Box		Tree Removed
	Water Valve		Bush or Shrub
	Fire Hydrant		Evergreen Tree
	Traffic Signal Controller		Stump
P	Power Line Marker		Drainage Headwall
	Power Pole	SAN	Sanitary Gravity Line
	Any type of Post		Edge of Rip Rap
	Light Pole	SAN	Sanitary Force Main (Active)
	Gas Valve	SAN	Sanitary Force Main (Abandoned)
	Gas Meter	T	Telephone Line
	Telephone Pole		Edge of Pavement
	Telephone and Light Pole		Edge of Curb
	Power and Telephone Pole		Edge of Water
	Storm Manhole		Guardrail Right
	Curb Inlet	x	Fence
T	Telephone Manhole		Hedge Row
SEP TNK	Septic Tank		Edge of Walk
CO	Clean Out		Tree Line Left
G	Gas Line Vent	W	Water Line
	Round Inlet		Canopy or Awning
	Unknown Pole	TMP	Temporary Right of Way
PMP	Petroleum Pump	R/W	Proposed Right of Way
	Strain Pole	P/L	Property Line
	Pay Telephone	Ex R/W	Right of Way
I.P.F.	Iron Pin Found	G	Gas Line
M	Monument Box Found		Construction Limits



Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile, See Sheets 102-112.



N

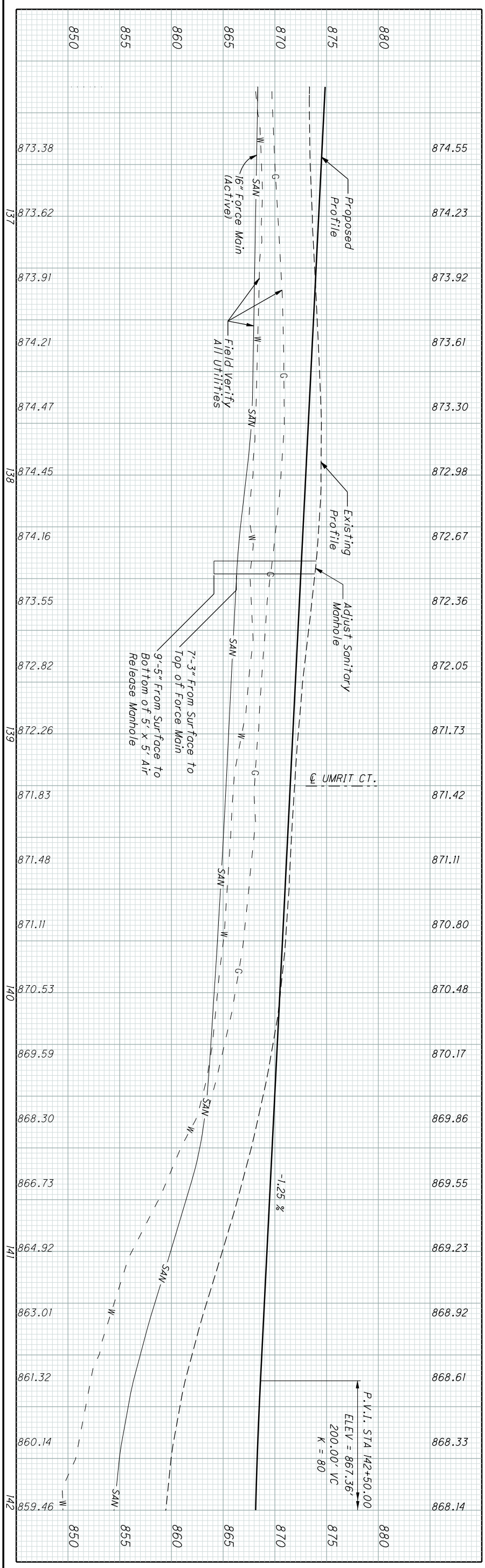
HORIZONTAL SCALE IN FEET
0 10 20 40

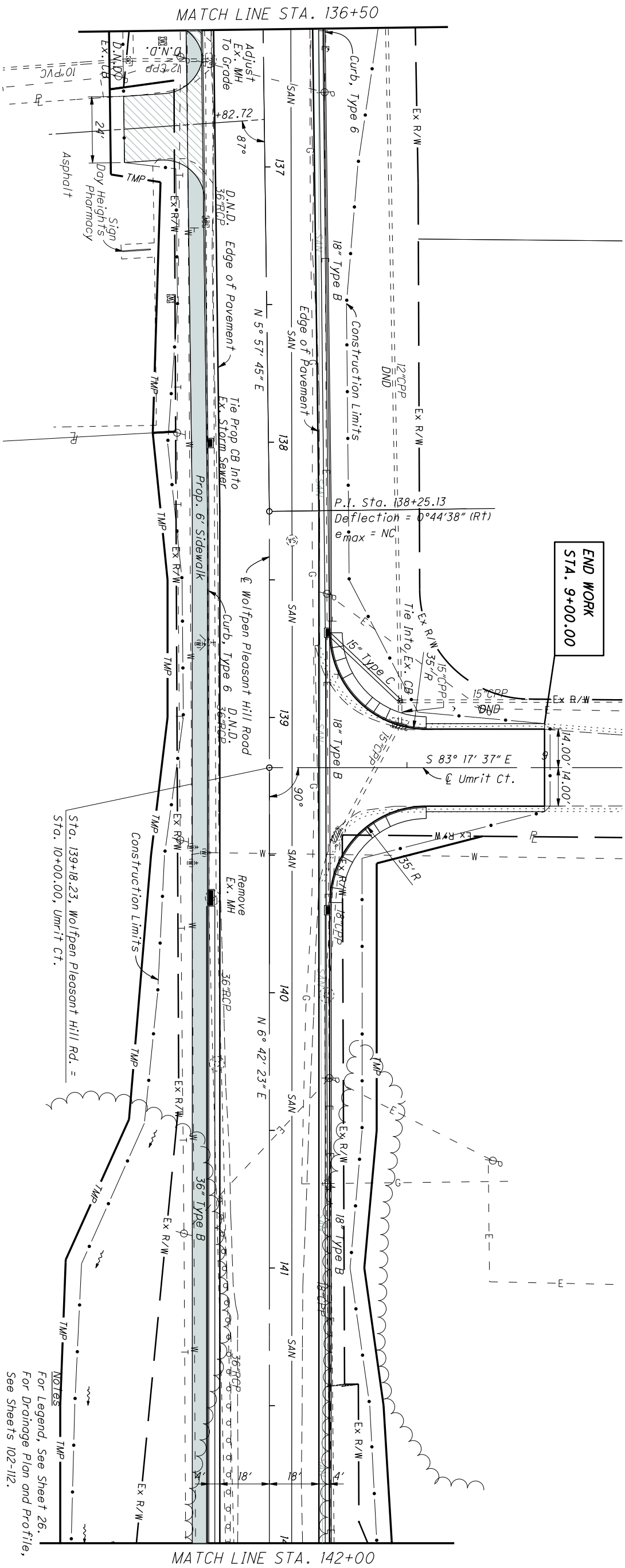
CALCULATED JFL
CHECKED MWS

PLAN AND PROFILE
STA. 133+78.86 TO 136+50

WOLFPEN-PLEASANT HILL ROAD

P:\26313\t\82139\roadway\sheets\82139GP001.dgn 5/1/2009 1:08:26 PM ludwigj





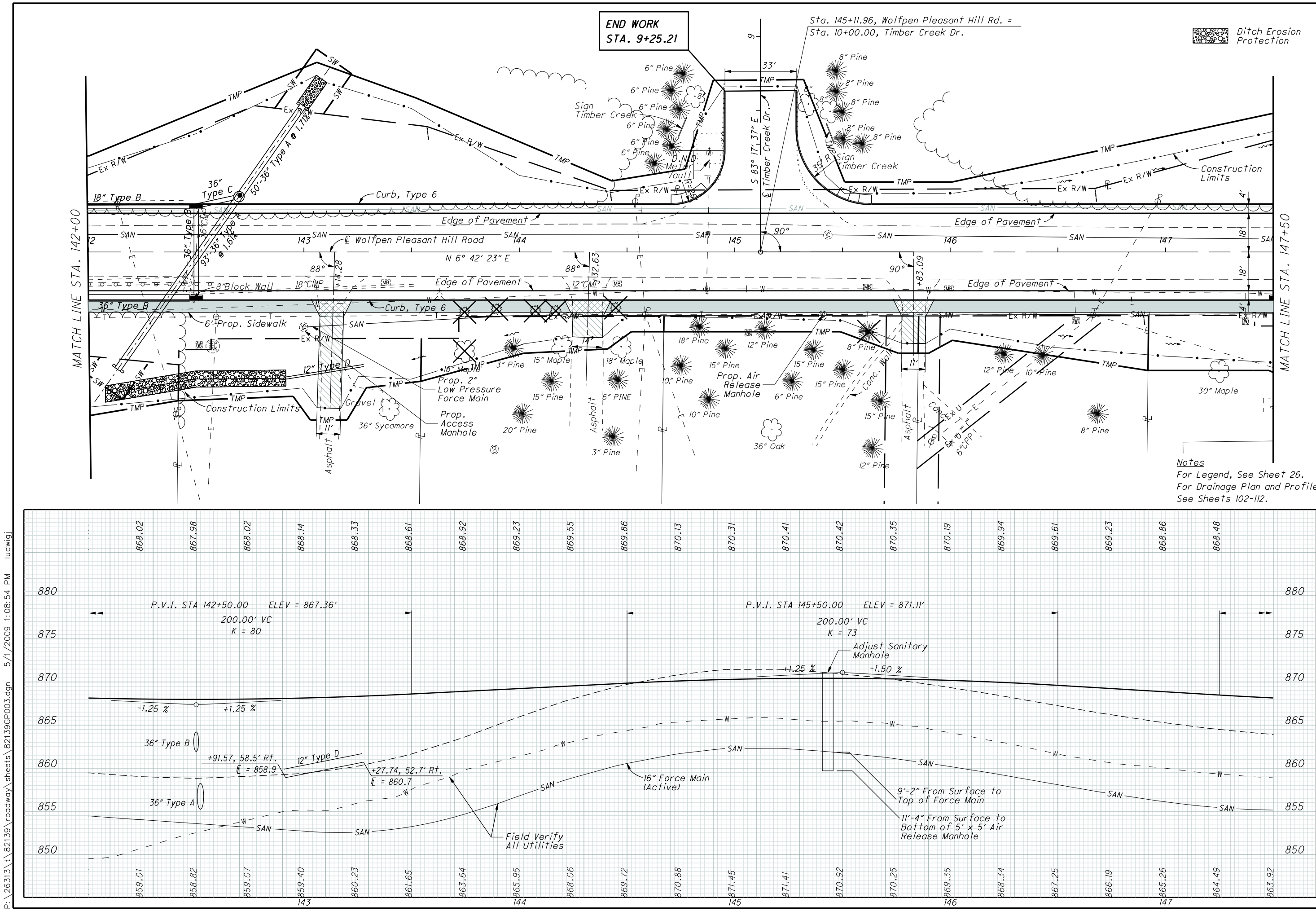
28
131

WOLFPEN-PLEASANT HILL ROAD

PLAN AND PROFILE
STA. 136+50 TO 142+00

CALCULATED JFL
CHECKED MWS

0 10 20 40
HORIZONTAL SCALE IN FEET



HORIZONTAL SCALE IN FEET

CALCULATED JFL
CHECKED MWS

PLAN AND PROFILE STA. 142+00 TO 147+50

WOLFPEN-PLEASANT HILL ROAD

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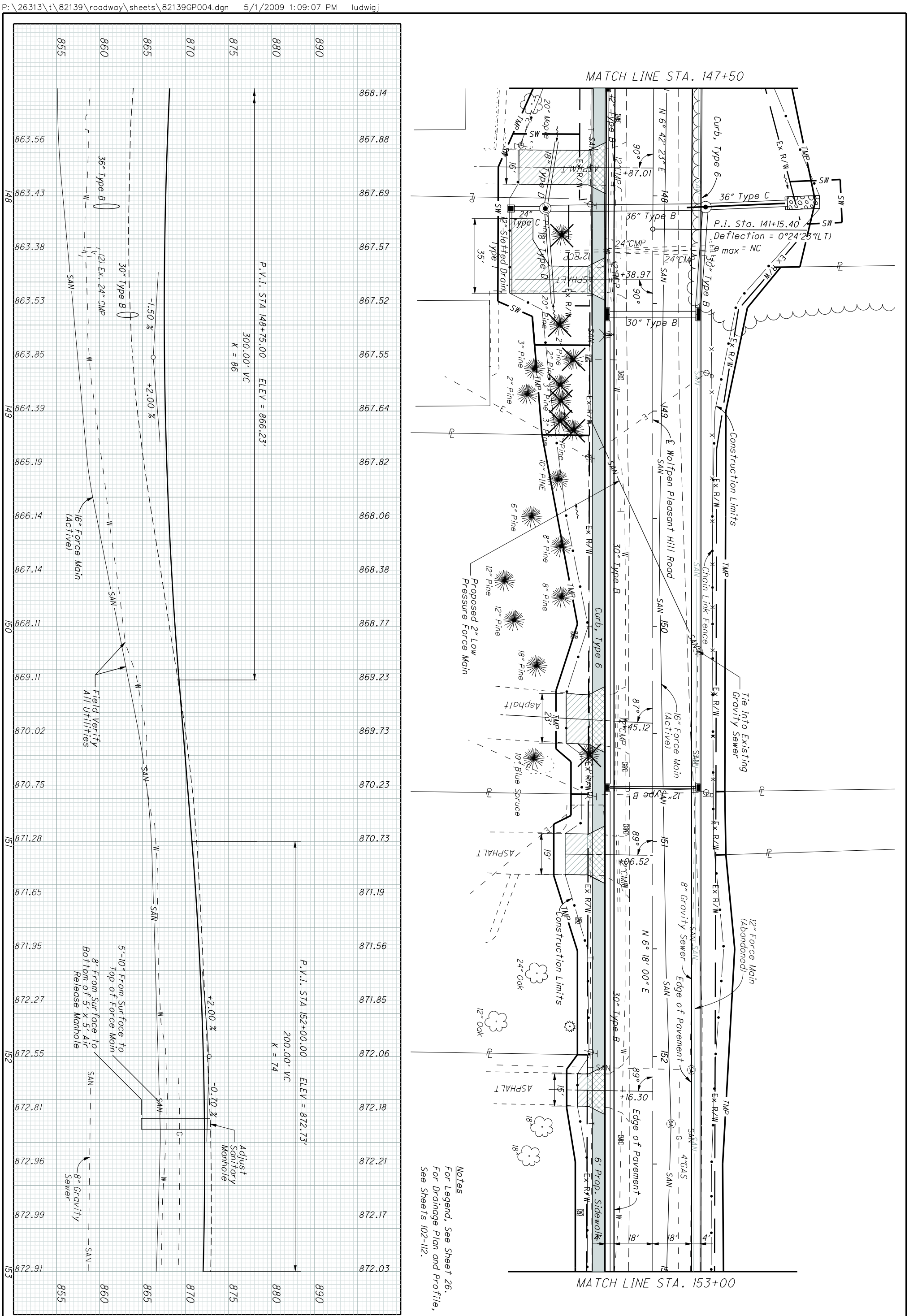
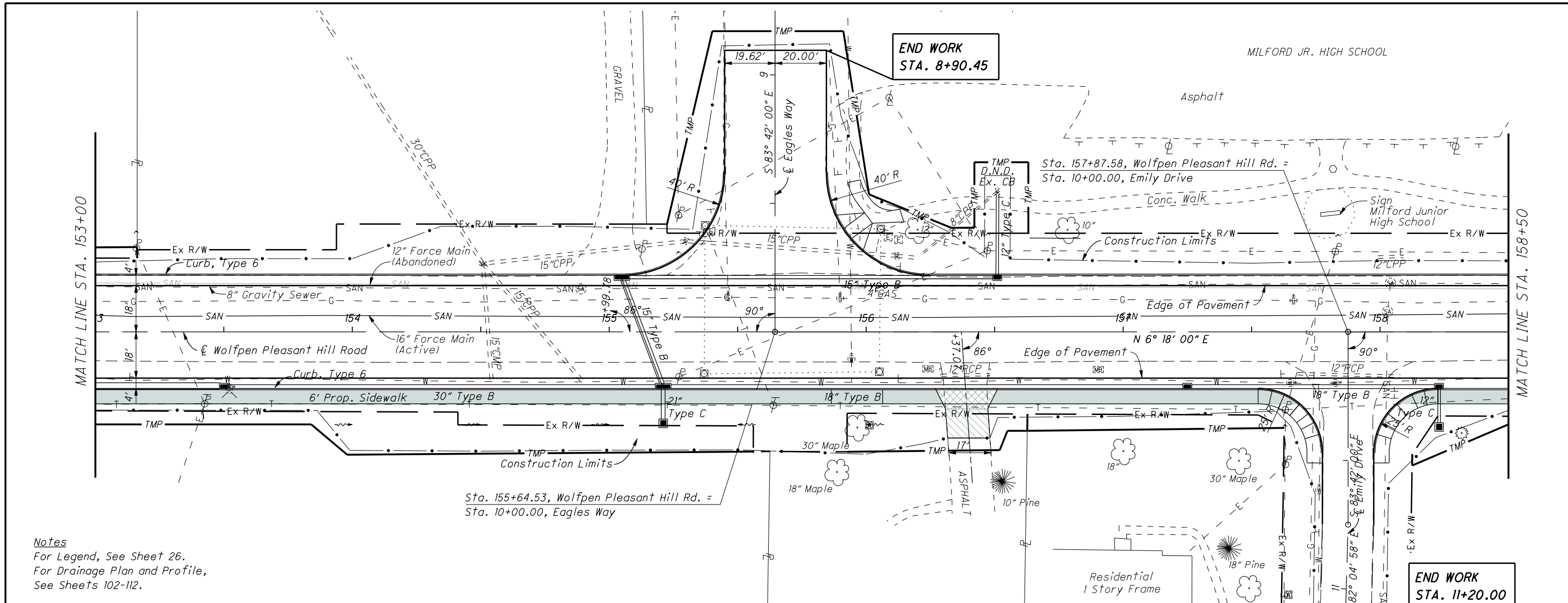


30 / 131	WOLFPEN-PLEASANT HILL ROAD	PLAN AND PROFILE STA. 147+50 TO 153+00	CALCULATED JFL · CHECKED MWS · HORIZONTAL SCALE IN FEET 0 10 20 40



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JFL
CHECKED MWS

PLAN AND PROFILE
STA. 153+00 TO 158+50

WOLFPEN-PLEASANT HILL ROAD

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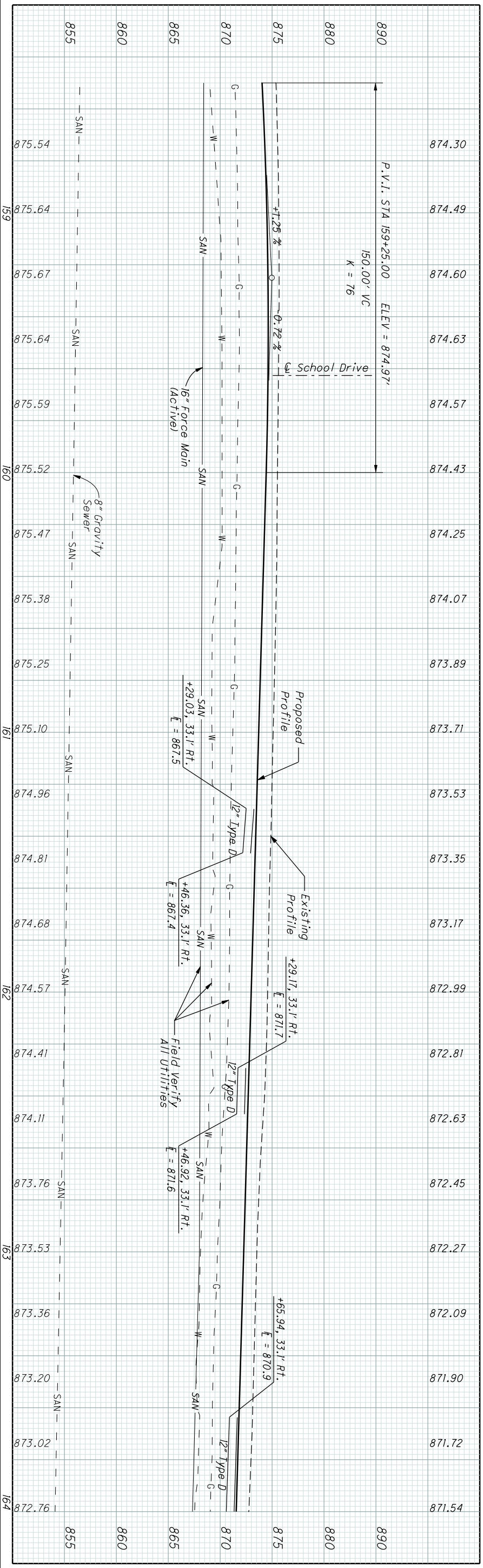
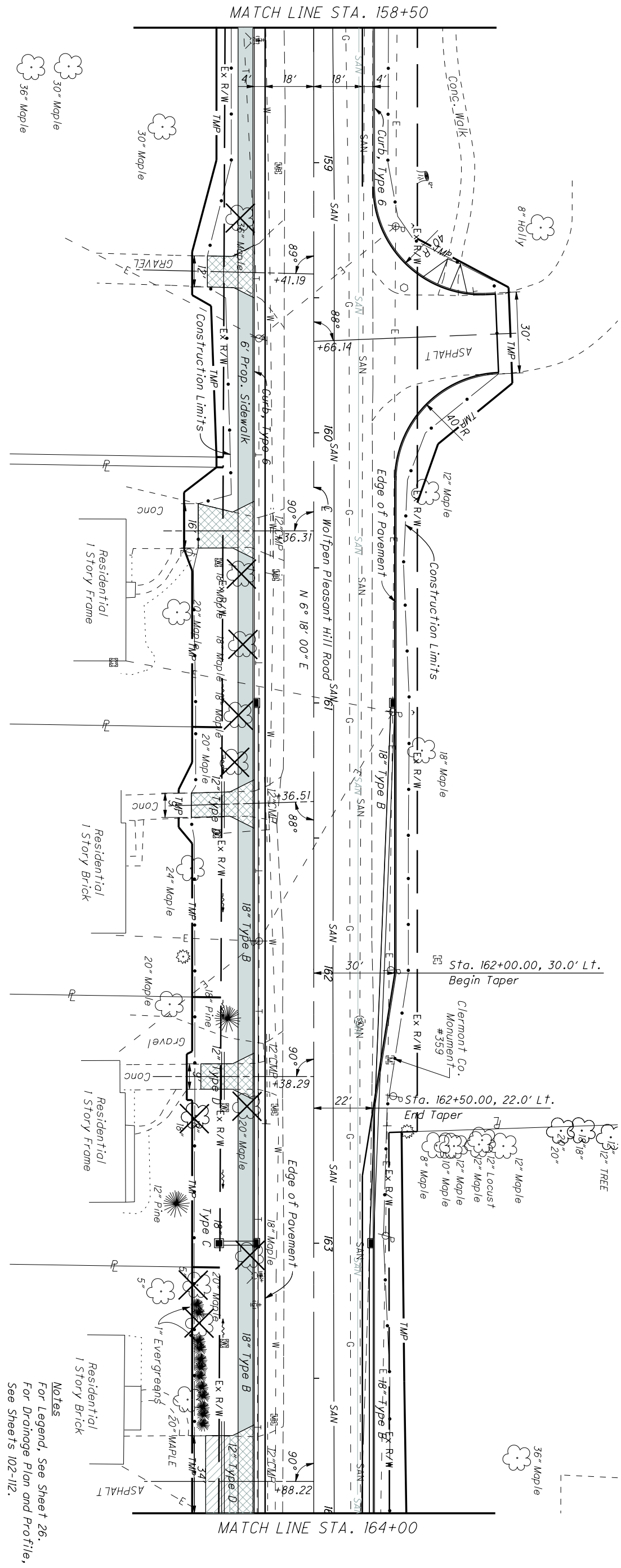




Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile, See Sheets 102-112.

32
131

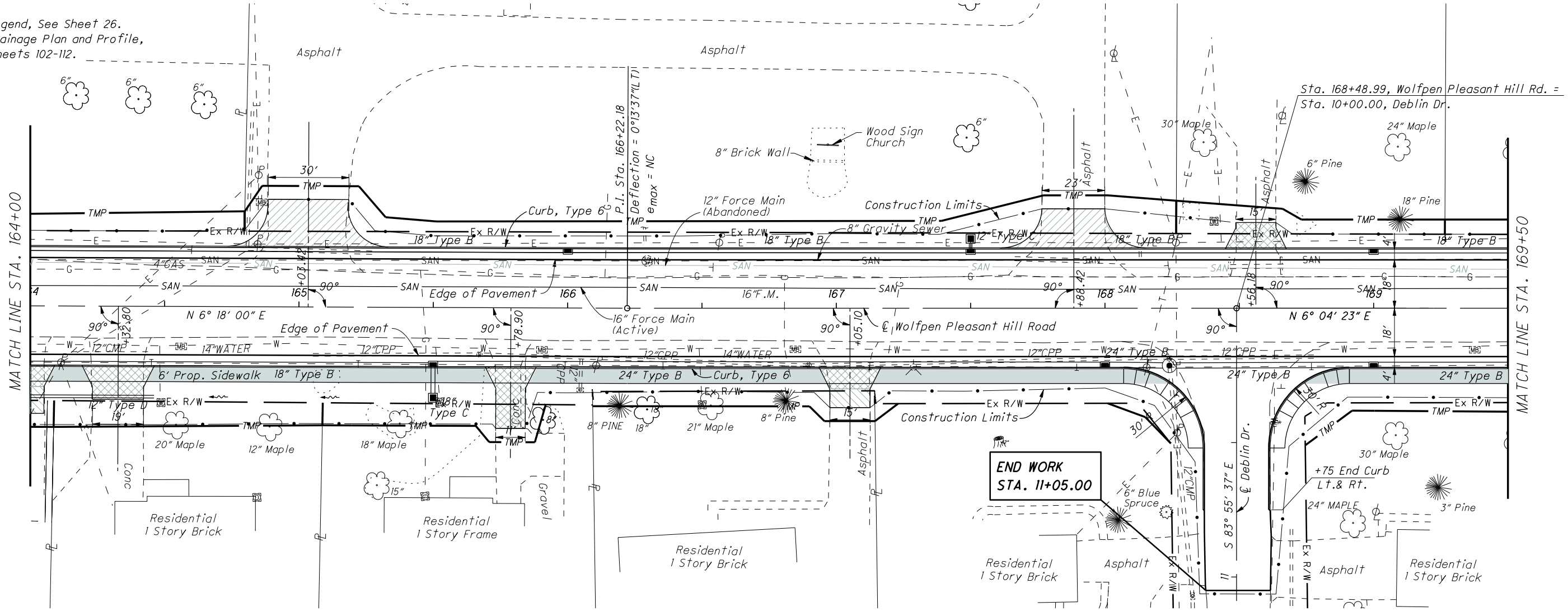
WOLFPEN-PLEASANT HILL ROAD

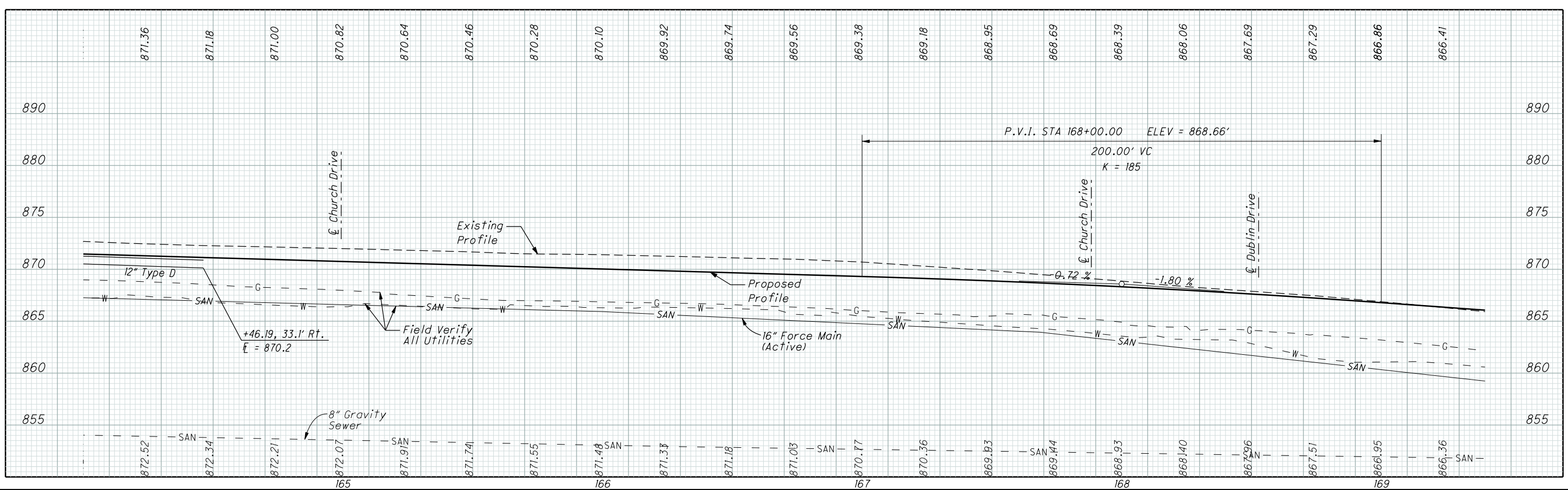
PLAN AND PROFILE
STA. 158+50 TO 164+00

CALCULATED JFL
CHECKED MWS

0 10 20 40
HORIZONTAL SCALE IN FEET

Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile,
See Sheets 102-112.





N

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JFL
CHECKED MWS

PLAN AND PROFILE
STA. 164+00 TO 169+50

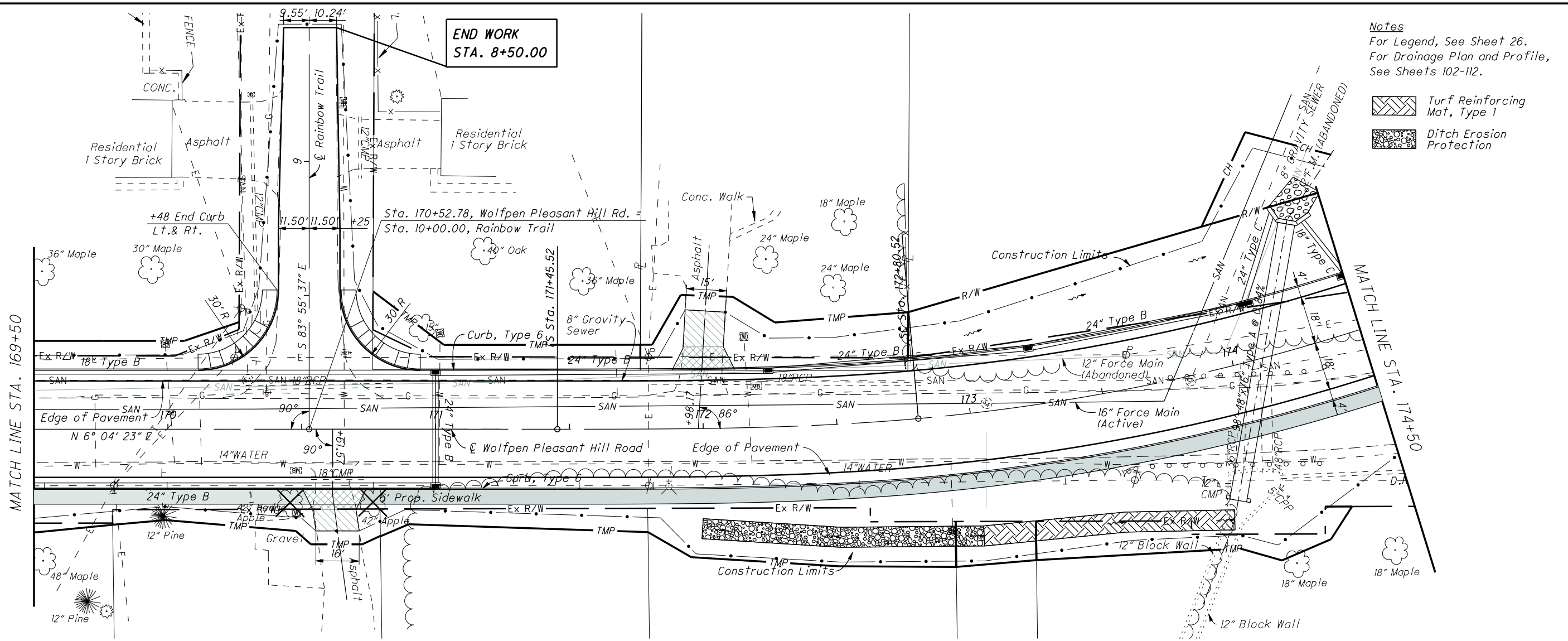
WOLFPEN-PLEASANT HILL ROAD

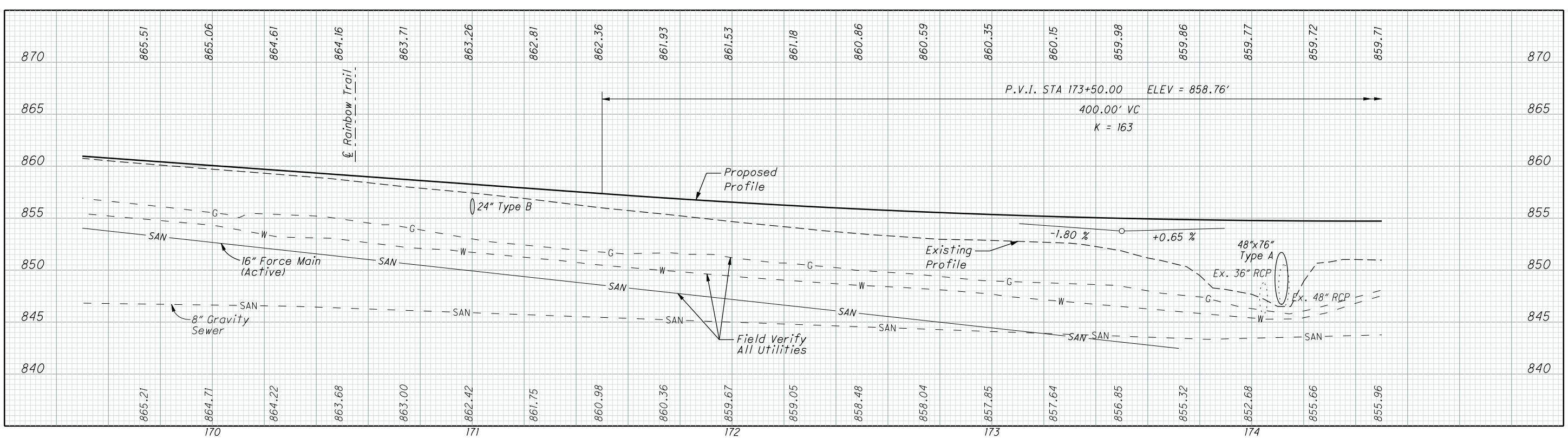
P:\26313\t\82139\roadway\sheets\82139GP007.dgn 5/1/2009 1:09:49 PM ludwigj

Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile, See Sheets 102-112.

Turf Reinforcing Mat, Type 1

Ditch Erosion Protection





HORIZONTAL SCALE IN FEET 0 20 40

CALCULATED JFL
CHECKED MWS

PLAN AND PROFILE STA. 169+50 TO 174+50

WOLFPEN-PLEASANT HILL ROAD

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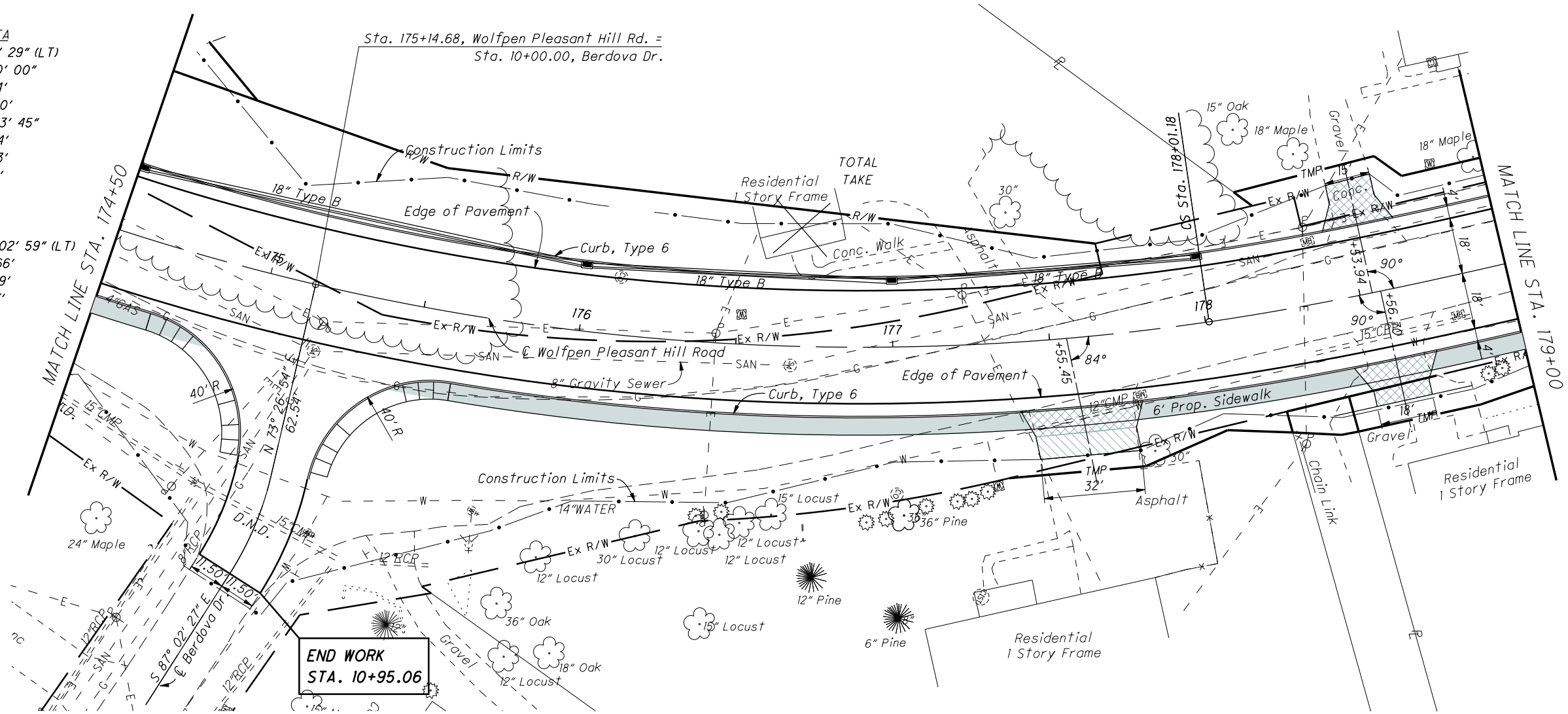
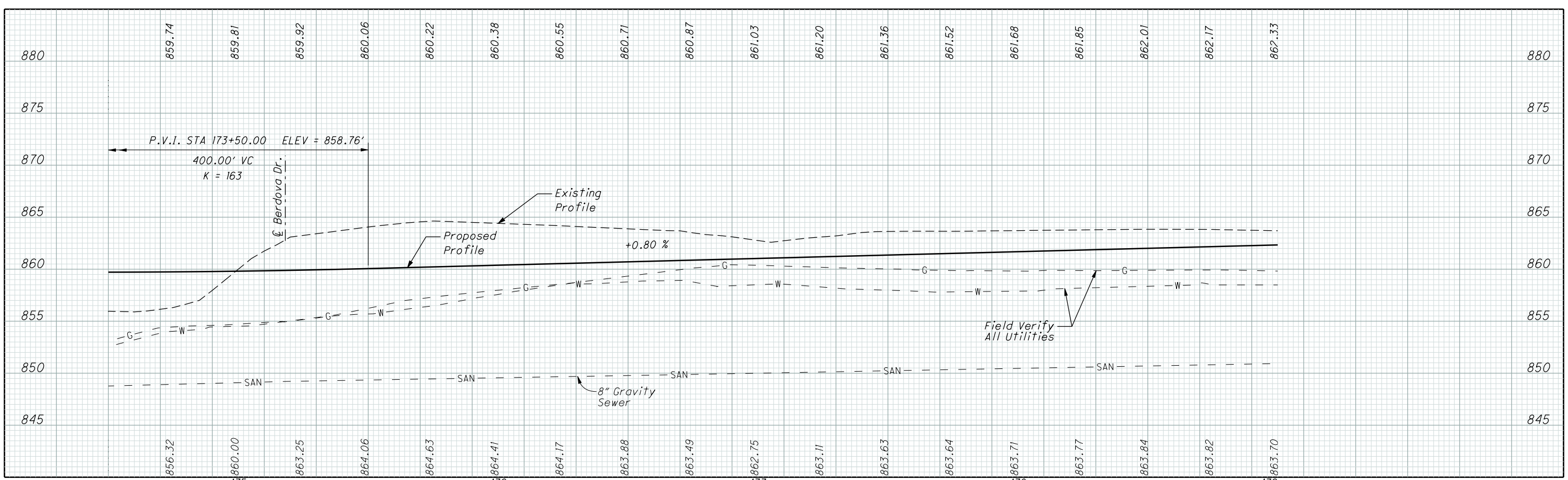
CURVE DATA
Δ = 49° 10′ 29″ (LT)
Dc = 7° 30′ 00″
R = 763.94′
Ls = 135.00′
θs = 5° 03′ 45″
LT = 90.04′
ST = 45.03′
x = 134.89′
y = 3.97′
k = 67.48′
p = 0.99′
Δc = 39° 02′ 59″ (LT)
Lc = 520.66′
Ts = 417.49′
Es = 77.27′

Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile, See Sheets 102-112.





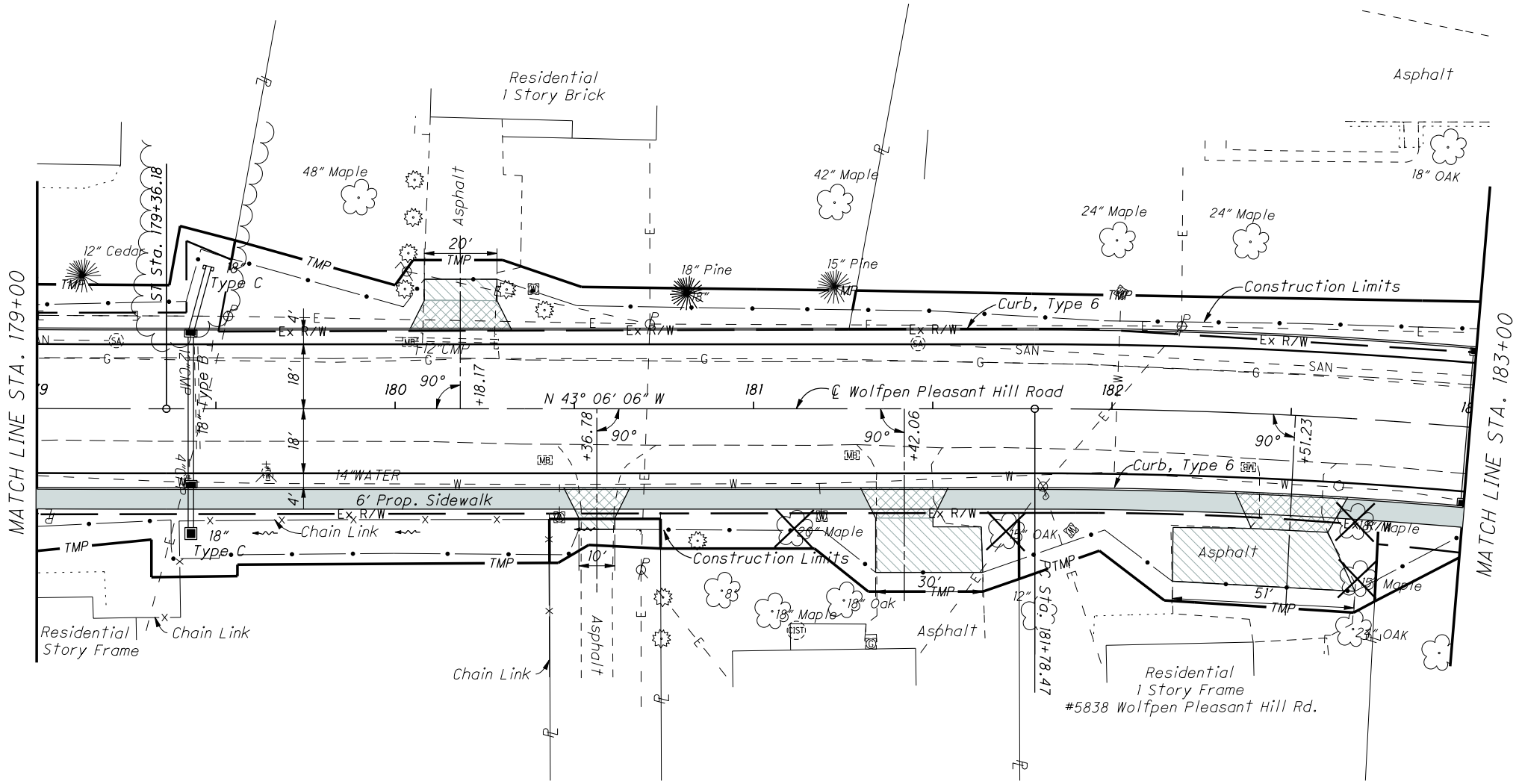
HORIZONTAL SCALE IN FEET
0 20 40

CALCULATED JFL
CHECKED MWS

PLAN AND PROFILE
STA. 174+50 TO 179+00

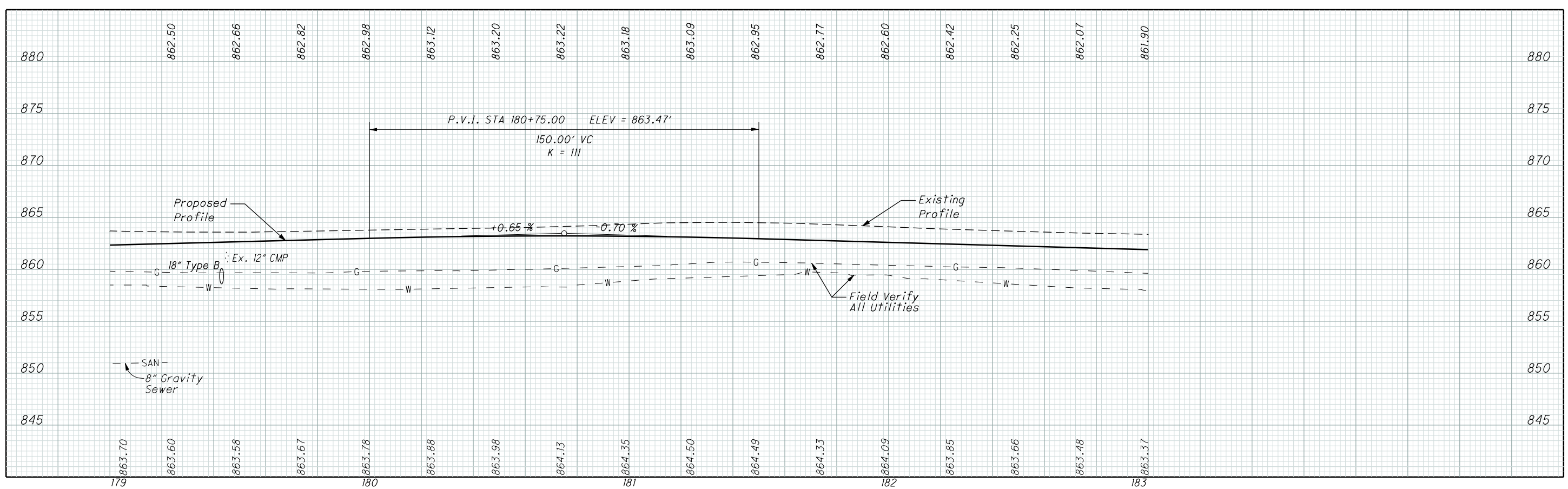
WOLFPEN-PLEASANT HILL ROAD

P:\26313\t\82139\roadway\sheets\82139GP009.dgn 5/1/2009 1:10:17 PM ludwigj



CURVE DATA
P.I. STA. 183+14.78
Δ = 10° 52' 19" (RT)
Dc = 4° 00' 00"
R = 1,432.39'
T = 136.31'
L = 271.80'
E = 6.47'

Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile, See Sheets 102-112.



HORIZONTAL SCALE IN FEET 0 20 40

CALCULATED JFL
CHECKED MWS

PLAN AND PROFILE
STA. 179+00 TO 183+00

WOLFPEN-PLEASANT HILL ROAD

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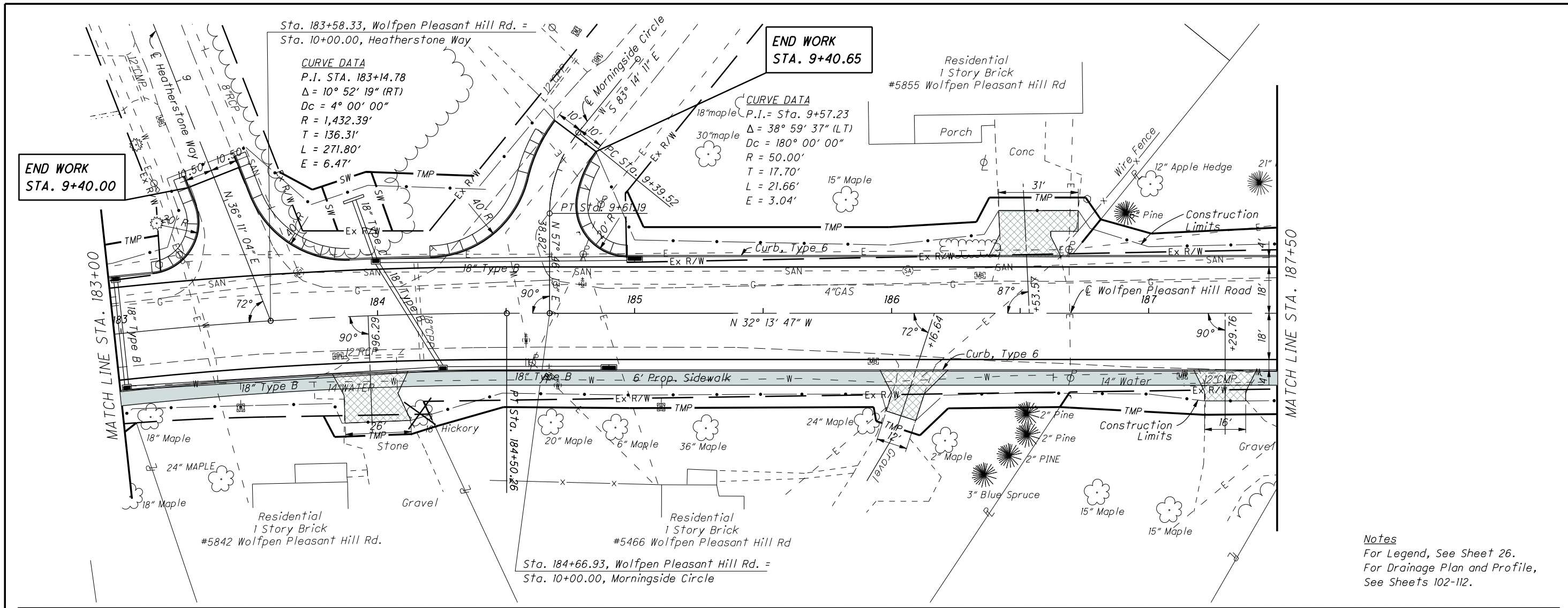
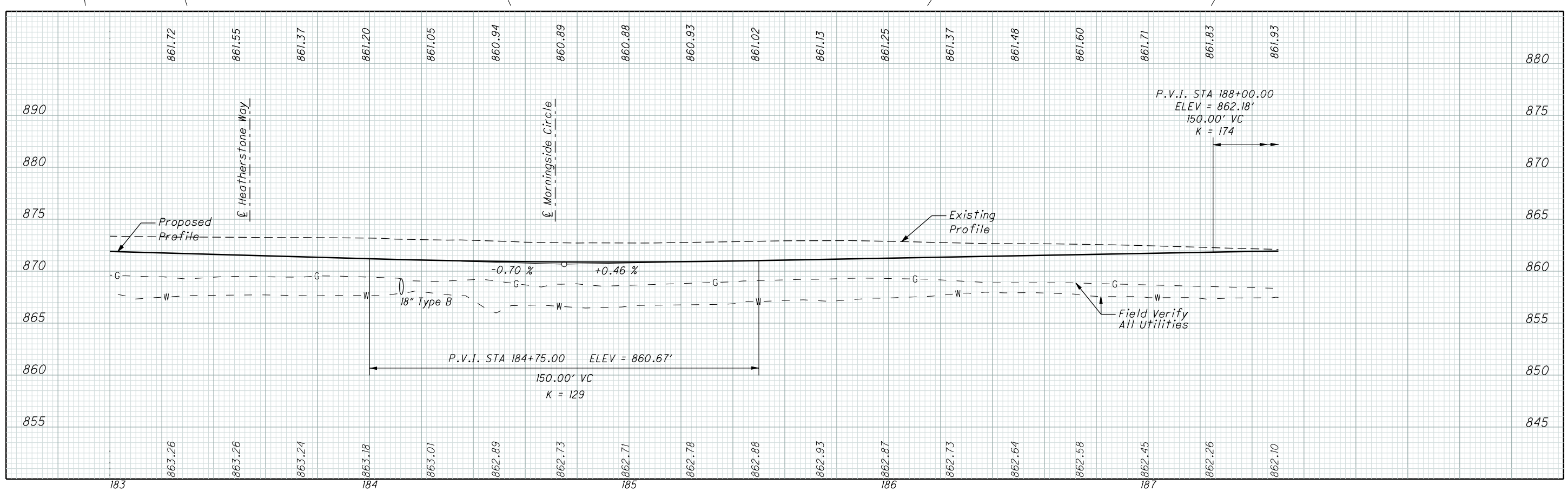


Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile, See Sheets 102-112.



HORIZONTAL SCALE IN FEET 0 20 40

CALCULATED JFL CHECKED MWS

PLAN AND PROFILE
STA. 183+00 TO 187+50

WOLFPEN-PLEASANT HILL ROAD

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END PROJECT
STA 187+50.00

Sta. 188+24.28, Wolfpen Pleasant Hill Rd. =
Sta. 10+00.00, Traverse Creek Dr.

Notes
For Legend, See Sheet 26.
For Drainage Plan and Profile,
See Sheets 102-112.

Sta. 187+50.00
End Full Depth Pavement
Begin Widening and Resurfacing

MATCH LINE STA. 187+50

Transition Curb Height
From 6" to 0" in 10'

Construction Limits
8" Gravity Sewer
12"RCP
D.N.D.
Ex R/W
Curb, Type 6
Ex. Edge of Shoulder
Ex. Edge of Pavement
4"GAS
Edge of Pavement
℄ Wolfpen Pleasant Hill Road
N 32° 13' 47" W
Block Wall
12"CMP
12"CPP
Gravel
8"PVC
Do Not Disturb Ex. Curb
Water Meter Pit
Conc. Headwall
Stone Wall
℄ Traverse Creek Dr.
N 71° 46' 13" E
8" Water
Pond
Allen Drive
Asphalt Parking Lot
Sign Car W

END WORK
STA 10+60.00

END WORK
STA 190+25.00

P.V.I. STA 188+00.00 ELEV = 862.18'
150.00' VC
K = 174
+0.46 %
-0.40 %
℄ Traverse Creek Dr.
Sta. 190+25.00
Elev. = 861.28
Proposed Profile
Existing Profile
℄ Allen Dr.
Field Verify All Utilities

PLAN AND PROFILE
STA. 187+50 TO 190+25

WOLFPEN-PLEASANT HILL ROAD

HORIZONTAL SCALE IN FEET

CALCULATED JFL
CHECKED MWS

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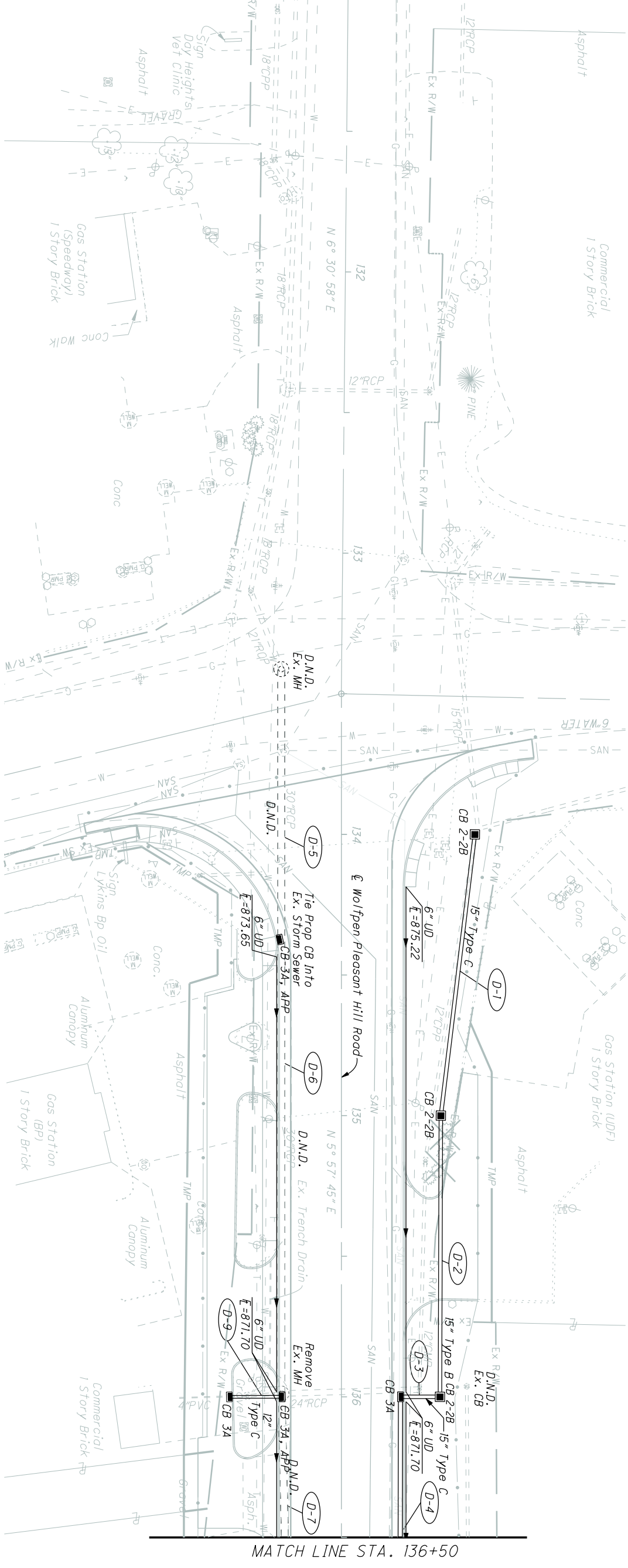

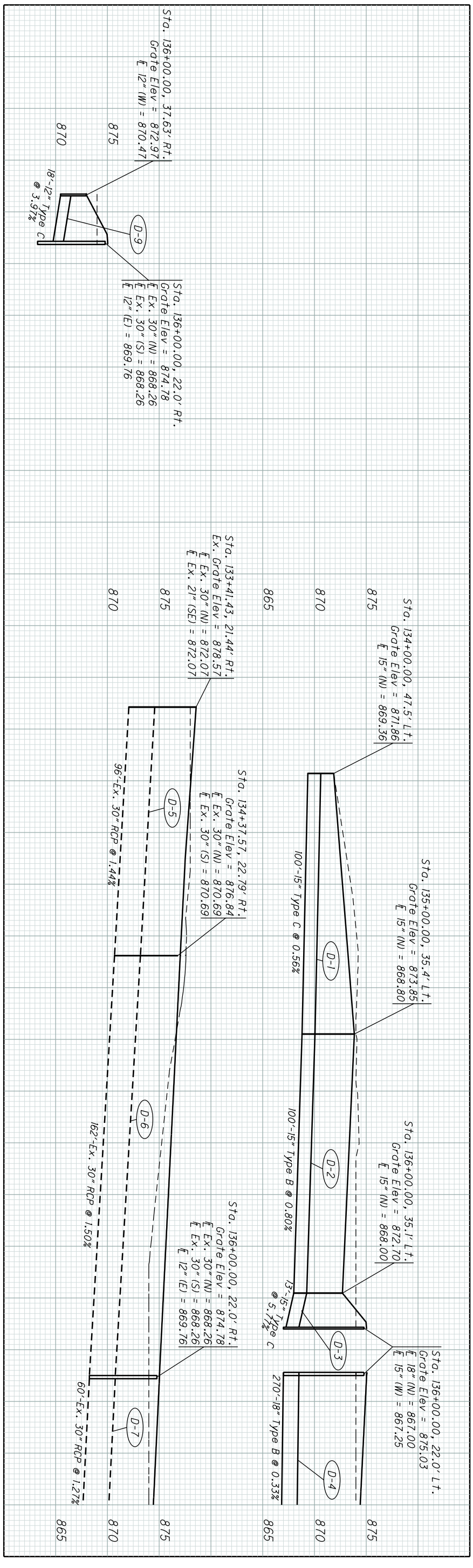

104 / 131	WOLFPEN-PLEASANT HILL ROAD	DRAINAGE PLAN AND PROFILE STA. 131+00 TO 136+50	CALCULATED KAN CHECKED MWS 0 10 20 40 HORIZONTAL SCALE IN FEET

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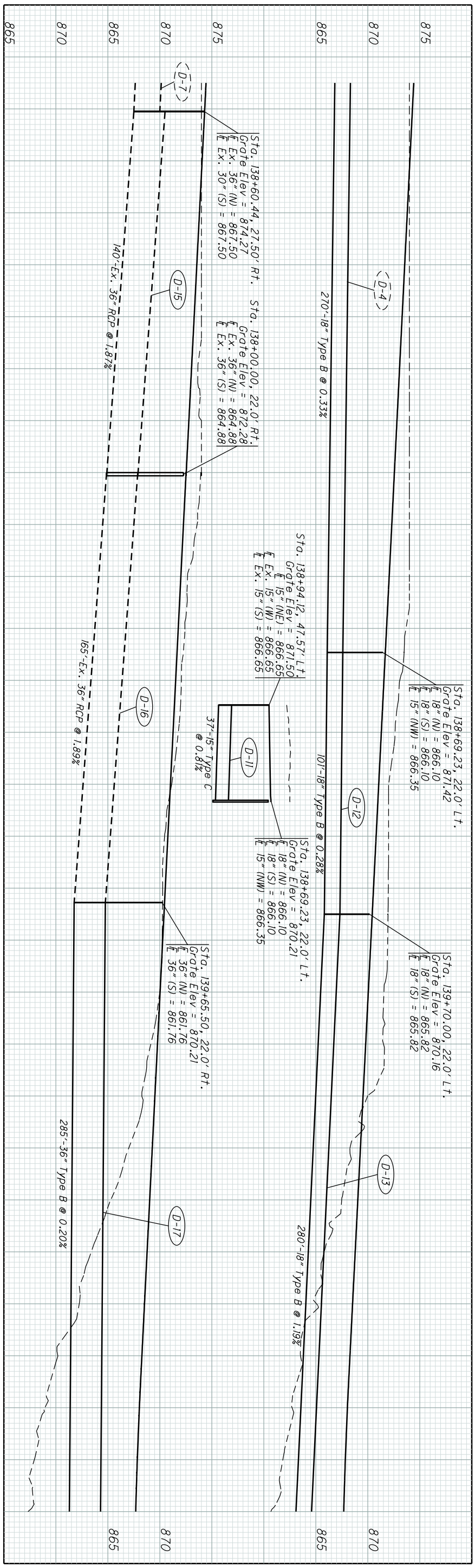
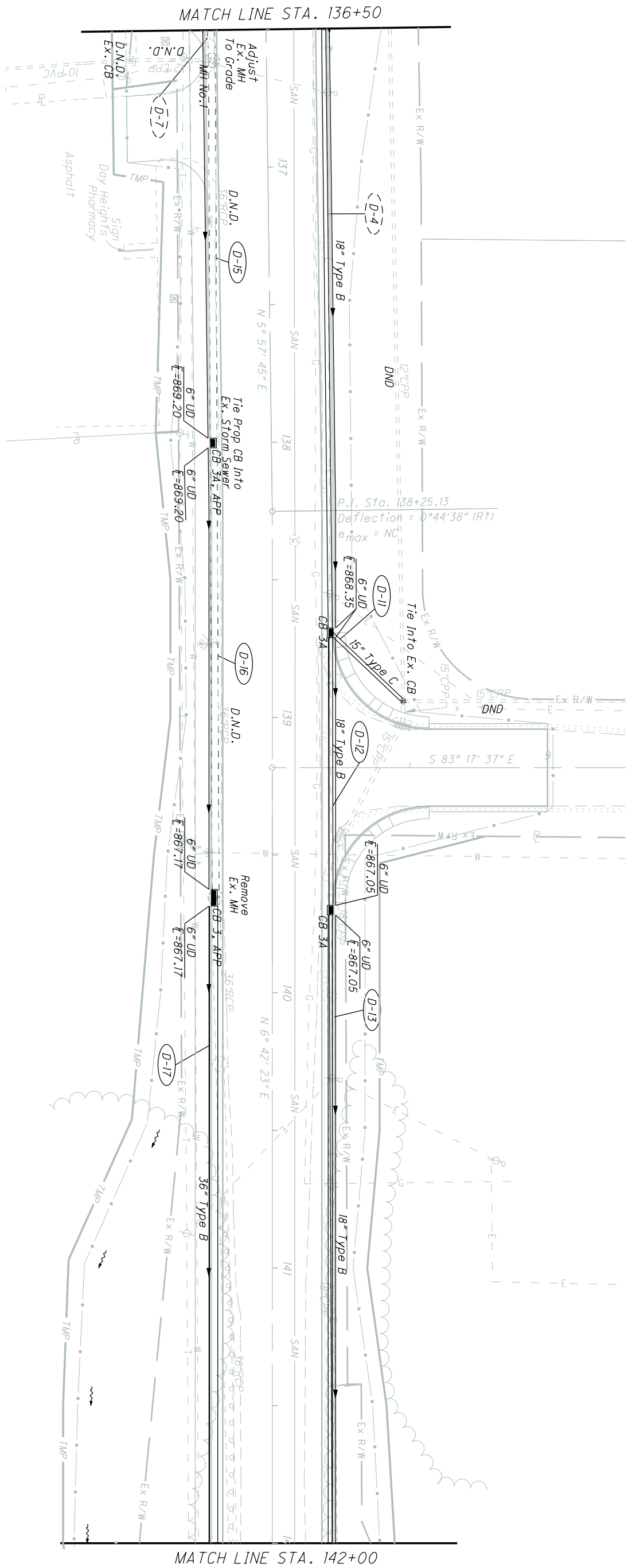




105
131

WOLFPEN-PLEASANT HILL ROAD

DRAINAGE PLAN AND PROFILE
STA. 136+50 TO 142+00

CALCULATED KAN
CHECKED MWS

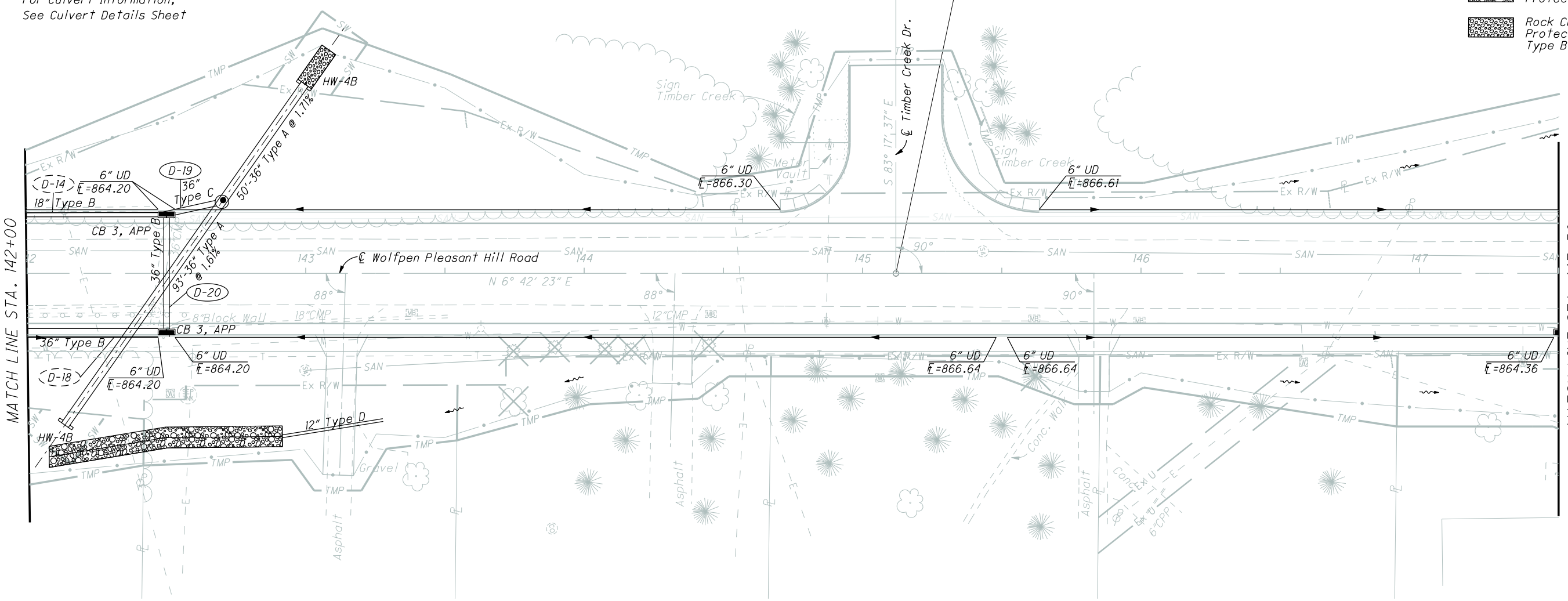
0 20 10 40
HORIZONTAL SCALE IN FEET

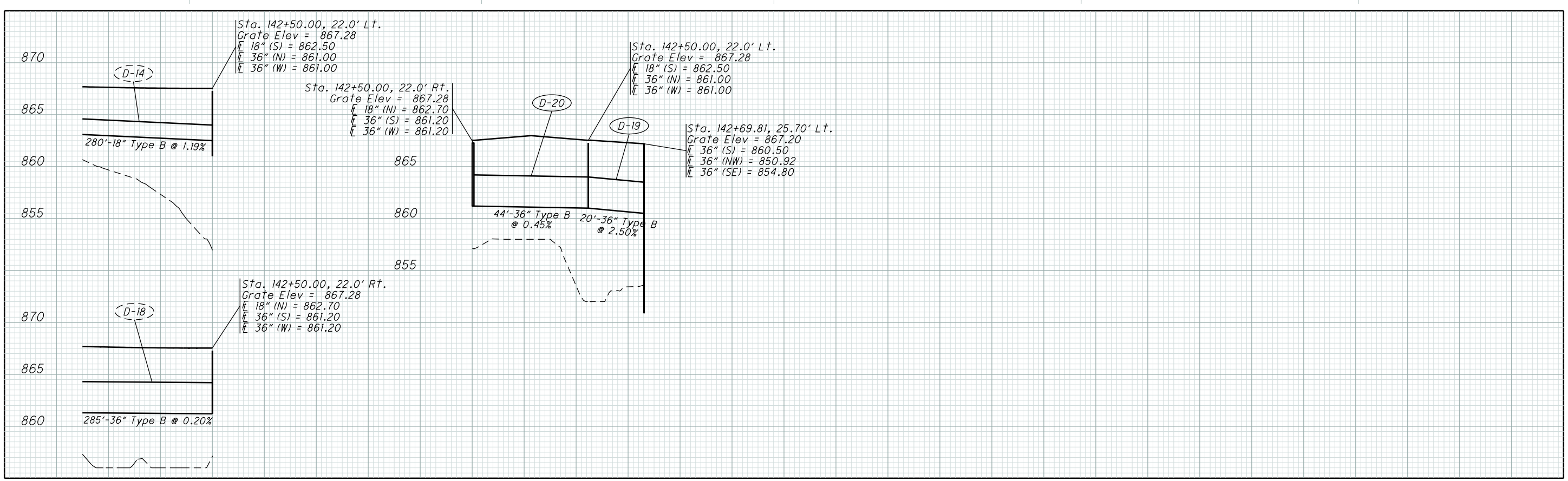
Notes
For Culvert Information,
See Culvert Details Sheet

Sta. 145+11.96, Wolfpen Pleasant Hill Rd. =
Sta. 10+00.00, Timber Creek Dr.

Ditch Erosion Protection

Rock Channel Protection, Type B





HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED KAN
CHECKED MWS

DRAINAGE PLAN AND PROFILE
STA. 142+00 TO 147+50

WOLFPEN-PLEASANT HILL ROAD

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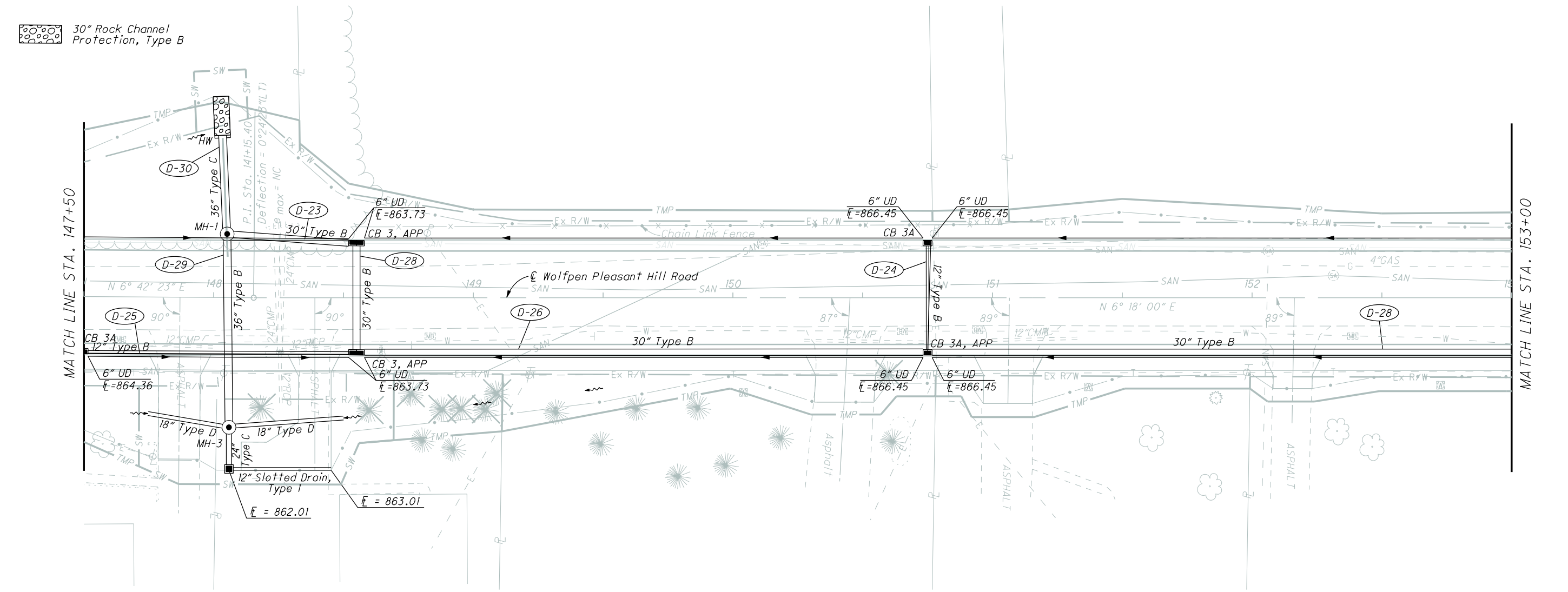

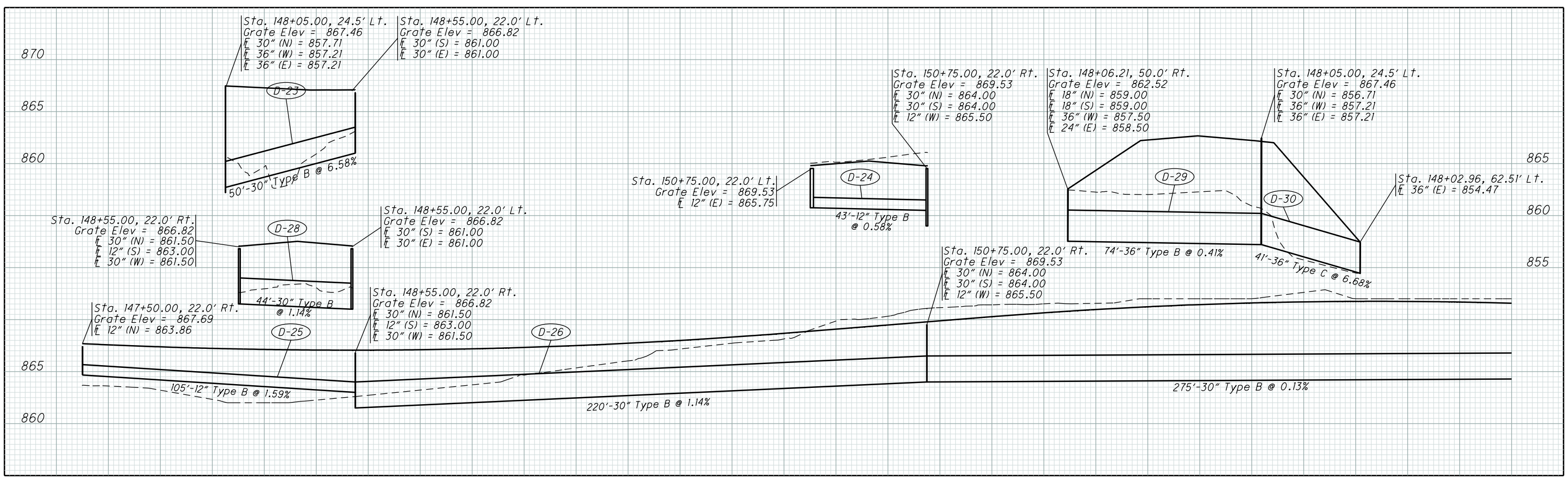

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED KAN
CHECKED MWS

DRAINAGE PLAN AND PROFILE
STA. 147+50 TO 153+00

WOLFPEN-PLEASANT HILL ROAD

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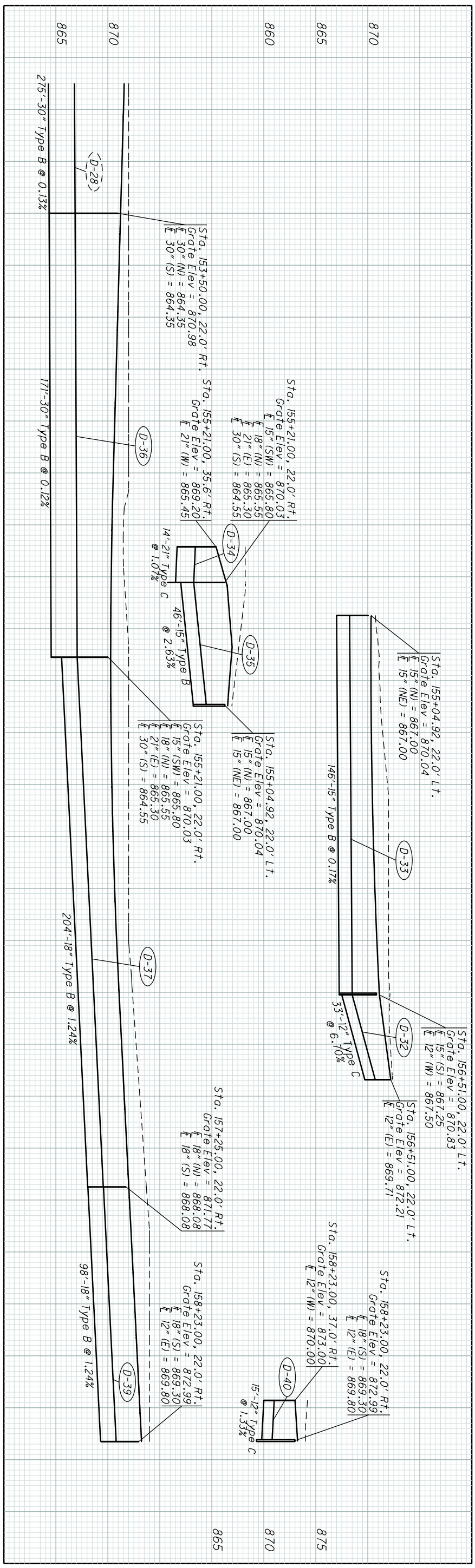

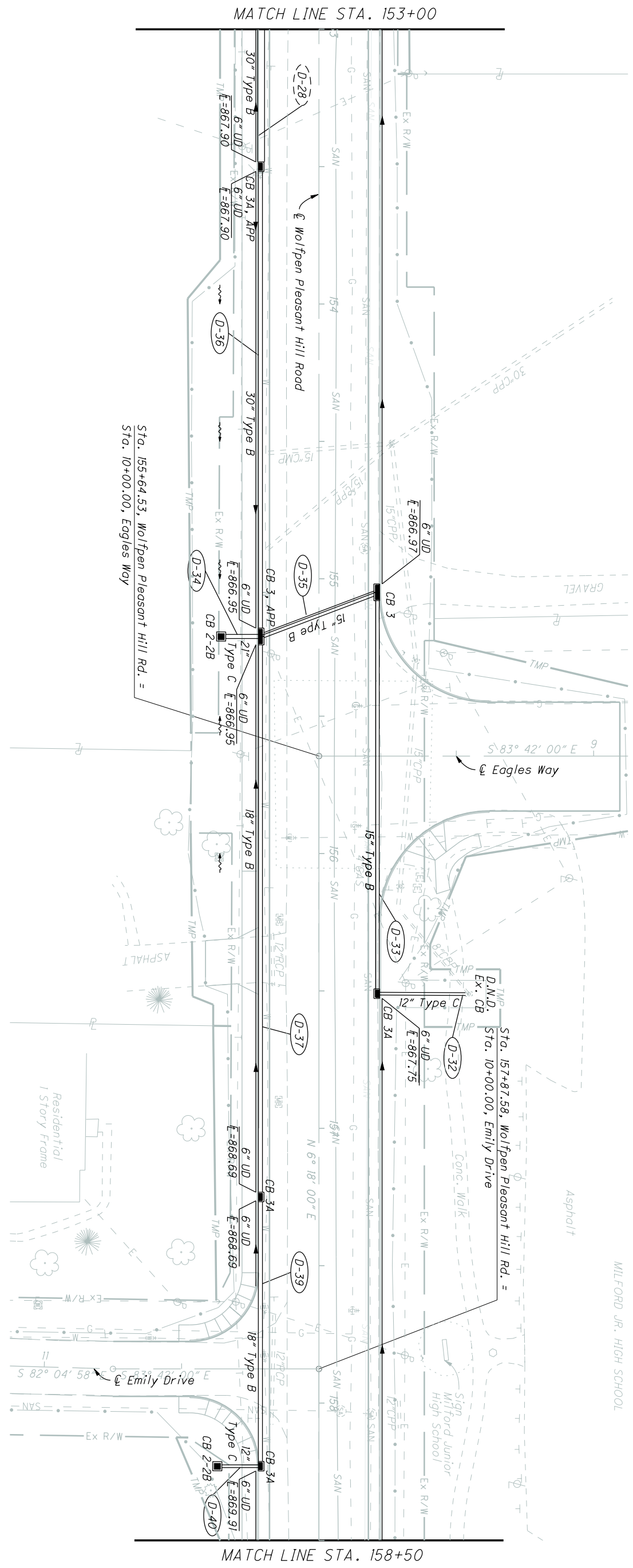

108
131

WOLFPEN-PLEASANT HILL ROAD

DRAINAGE PLAN AND PROFILE
STA. 153+00 TO 158+50

CALCULATED KAN
CHECKED MWS

0 10 20 40
HORIZONTAL SCALE IN FEET

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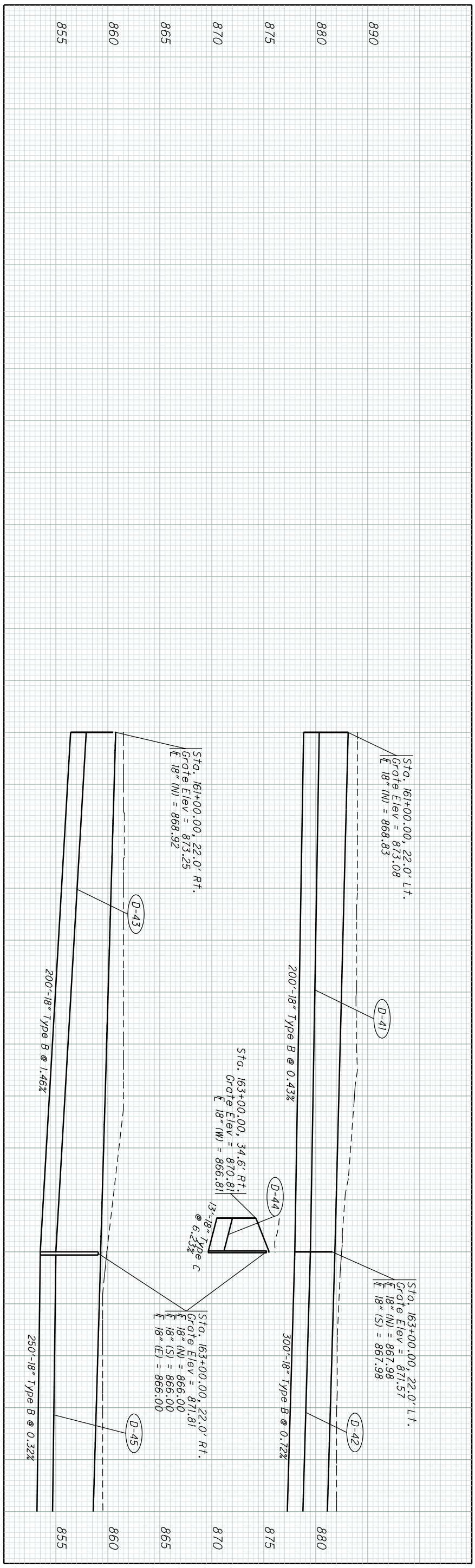

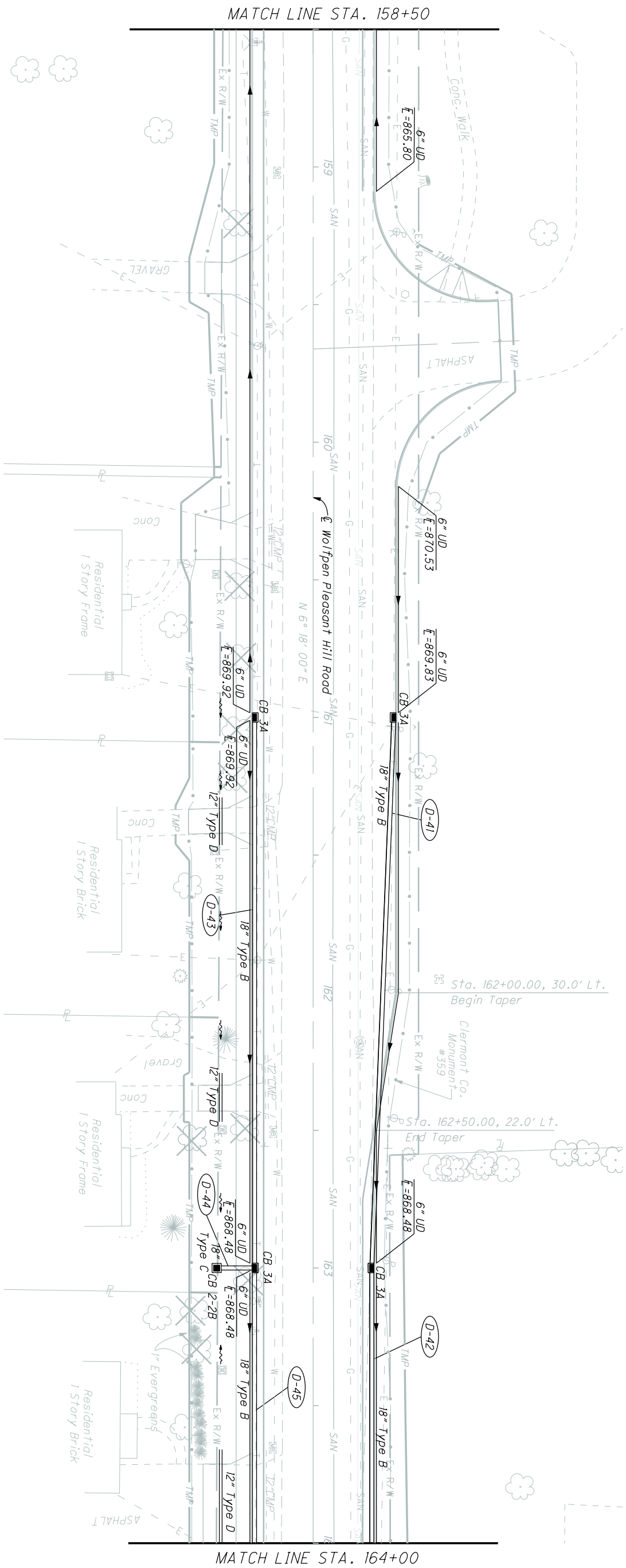

109
131

WOLFPEN-PLEASANT HILL ROAD

DRAINAGE PLAN AND PROFILE
STA. 158+50 TO 164+00

CALCULATED KAN
CHECKED MWS

0 10 20 40
HORIZONTAL SCALE IN FEET

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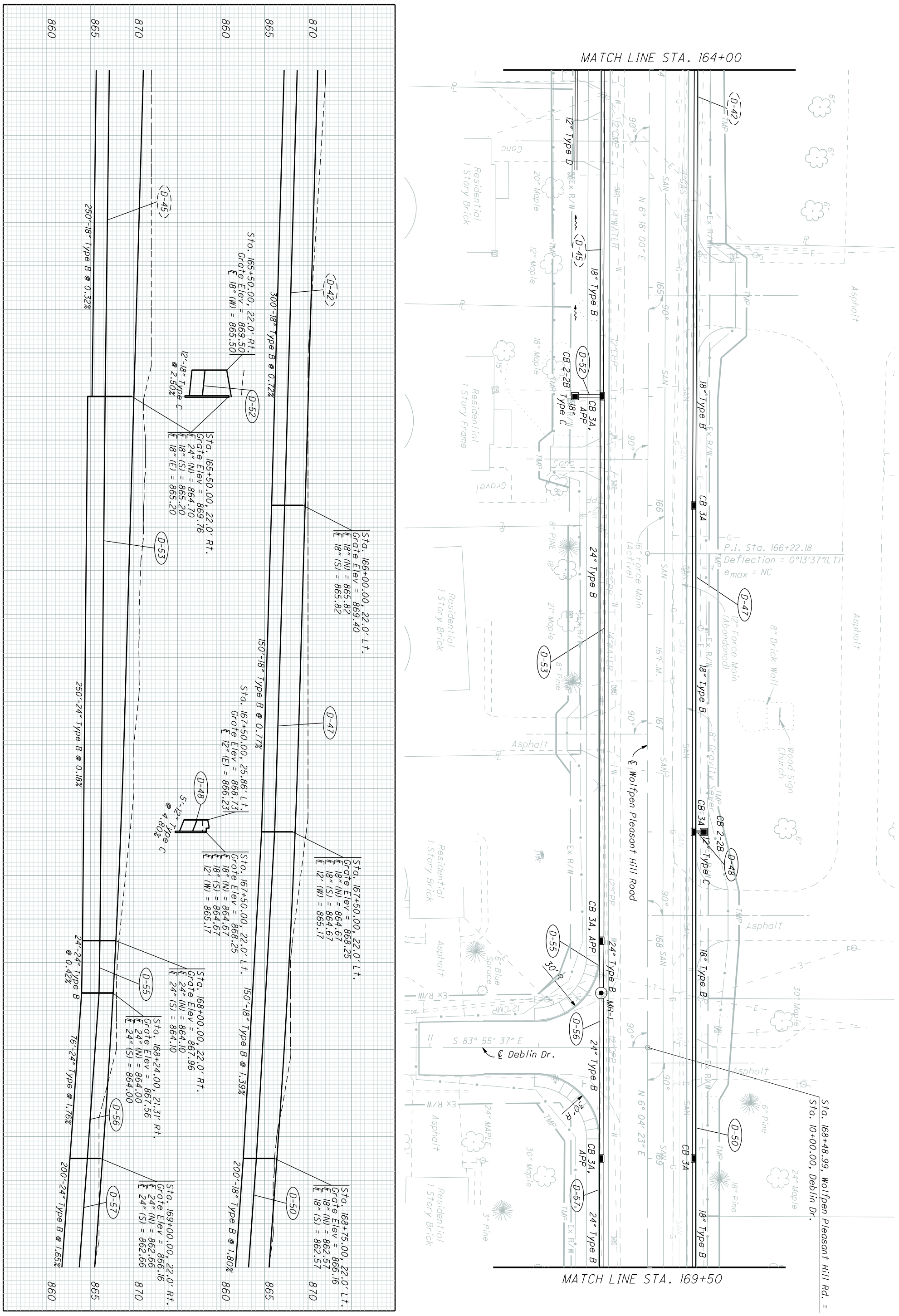
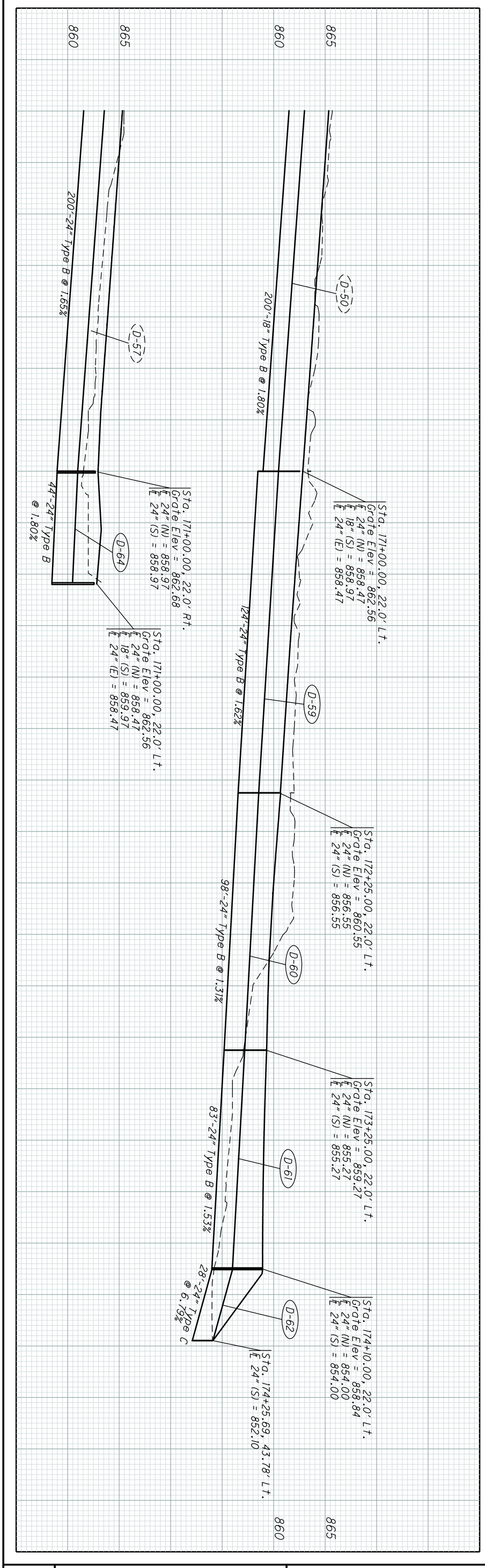
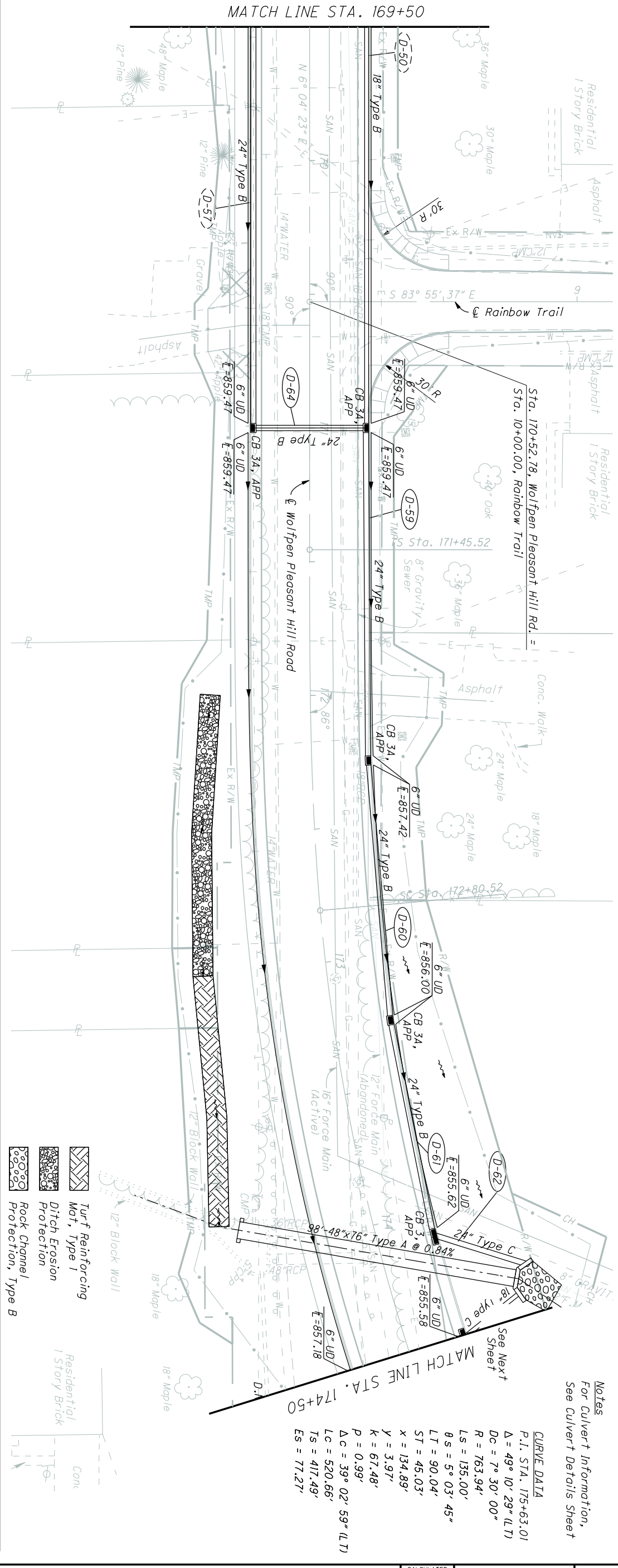


110 / 131	**WOLFPEN-PLEASANT HILL ROAD**	**DRAINAGE PLAN AND PROFILE STA. 164+00 TO 169+50**	CALCULATED KAN / CHECKED MWS	0 10 20 40 HORIZONTAL SCALE IN FEET	N





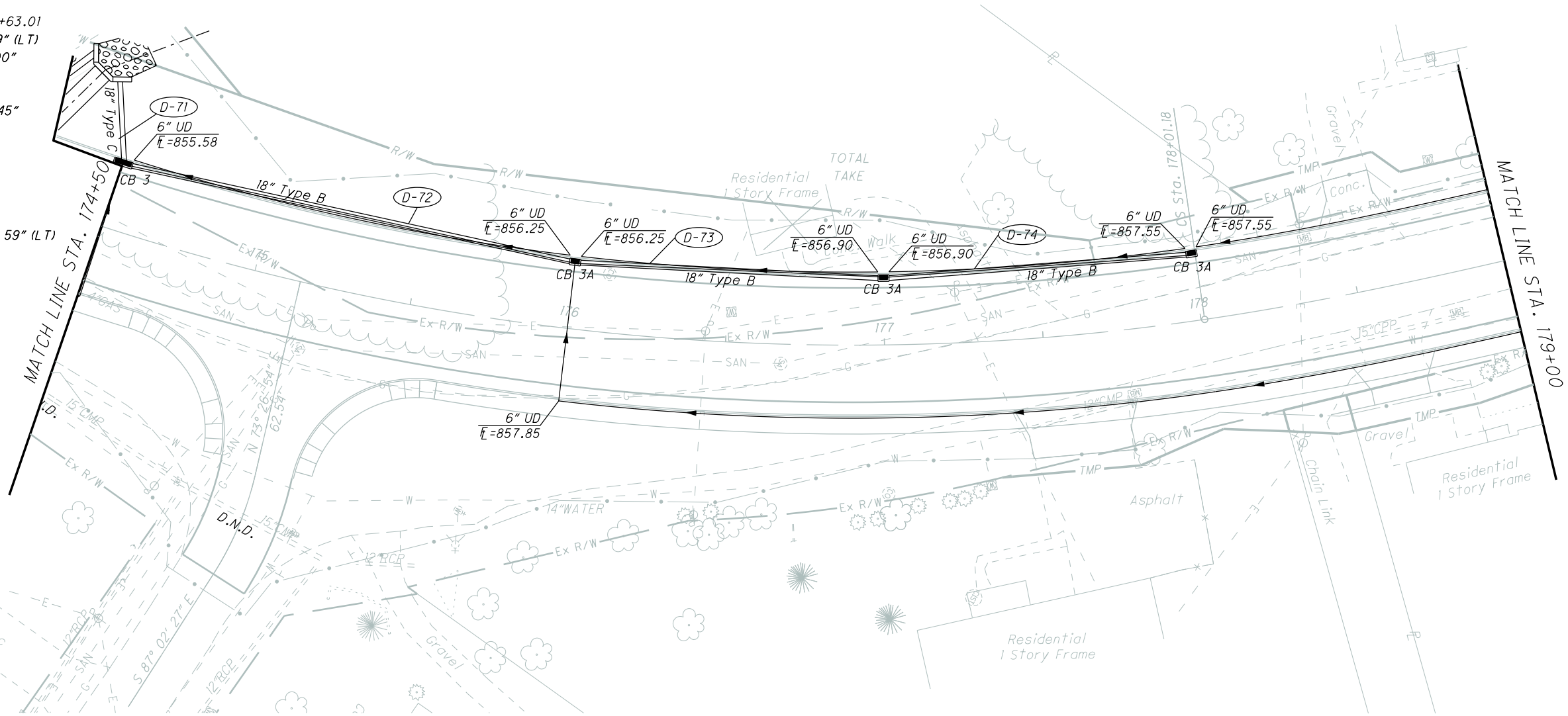
Notes
For Culvert Information, See Culvert Details Sheet

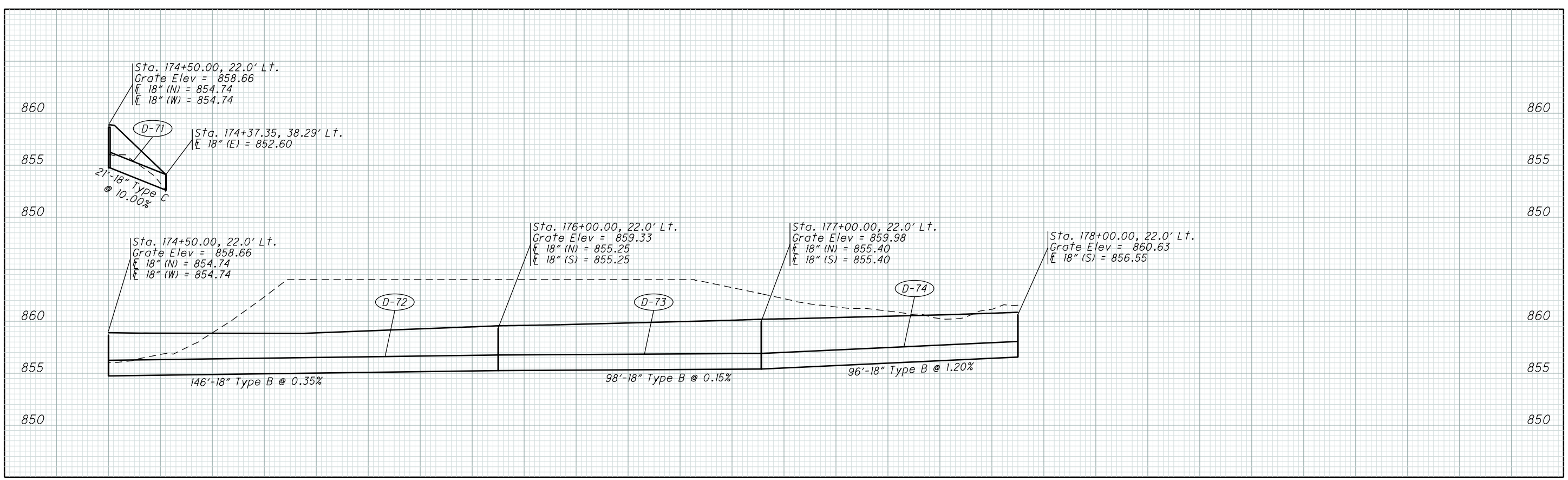
CURVE DATA
P.I. STA. 175+63.01
Δ = 49° 10' 29" (LT)
Dc = 7° 30' 00"
R = 763.94'
Ls = 135.00'
θs = 5° 03' 45"
LT = 90.04'
ST = 45.03'
x = 134.89'
y = 3.97'
k = 67.48'
p = 0.99'
Δc = 39° 02' 59" (LT)
Lc = 520.66'
Ts = 417.49'
Es = 77.27'

111 / 131	WOLFPEN-PLEASANT HILL ROAD	DRAINAGE PLAN AND PROFILE STA. 169+50 TO 174+50	CALCULATED KAN / CHECKED MWS

0 20 40 HORIZONTAL SCALE IN FEET

CURVE DATA
P.I. STA. 175+63.01
Δ = 49° 10′ 29″ (LT)
Dc = 7° 30′ 00″
R = 763.94′
Ls = 135.00′
θs = 5° 03′ 45″
LT = 90.04′
ST = 45.03′
x = 134.89′
y = 3.97′
k = 67.48′
p = 0.99′
Δc = 39° 02′ 59″ (LT)
Lc = 520.66′
Ts = 417.49′
Es = 77.27′





HORIZONTAL SCALE IN FEET
0 20 40

CALCULATED KAN
CHECKED MWS

DRAINAGE PLAN AND PROFILE
STA. 174+50 TO 179+00

WOLFPEN-PLEASANT HILL ROAD

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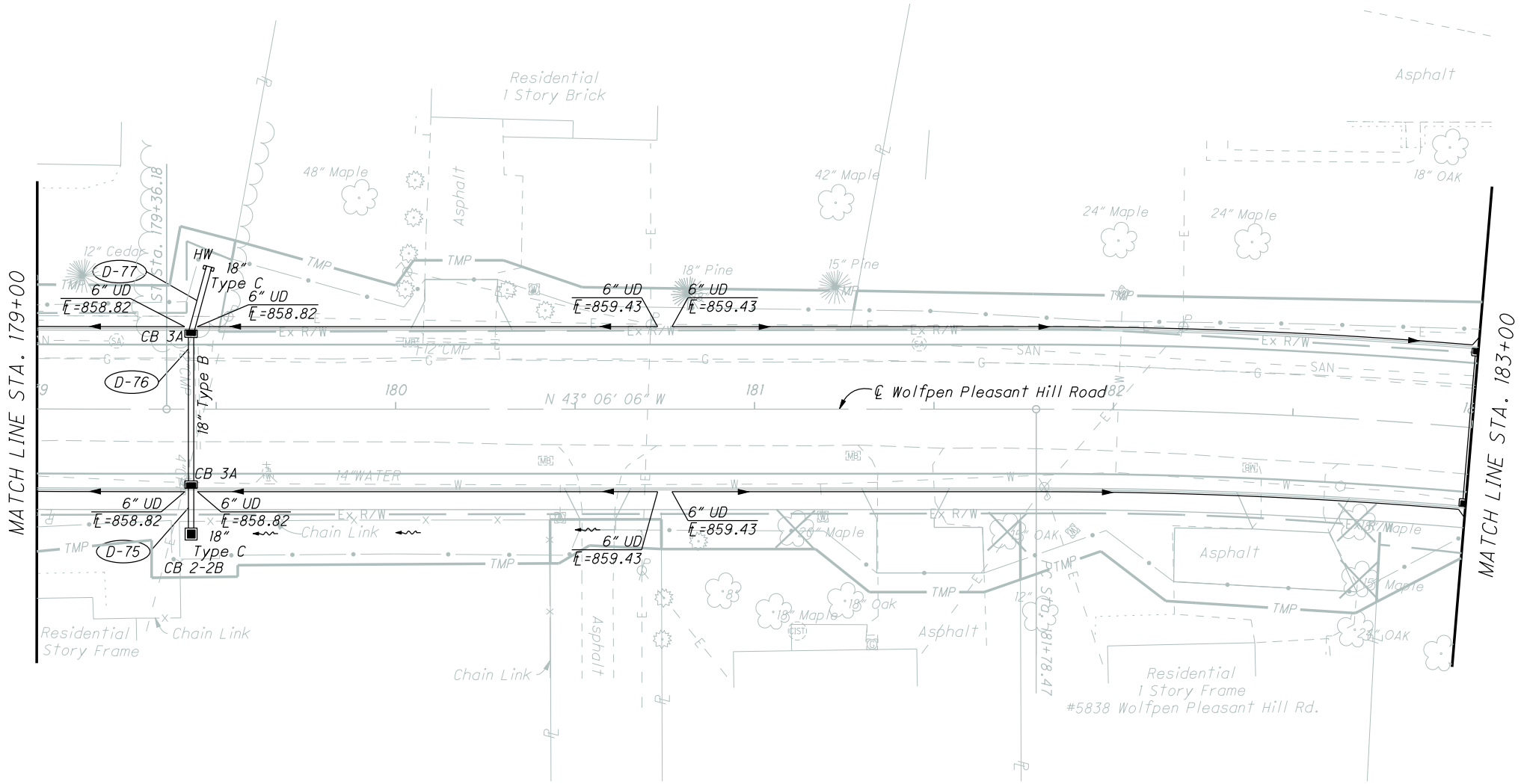
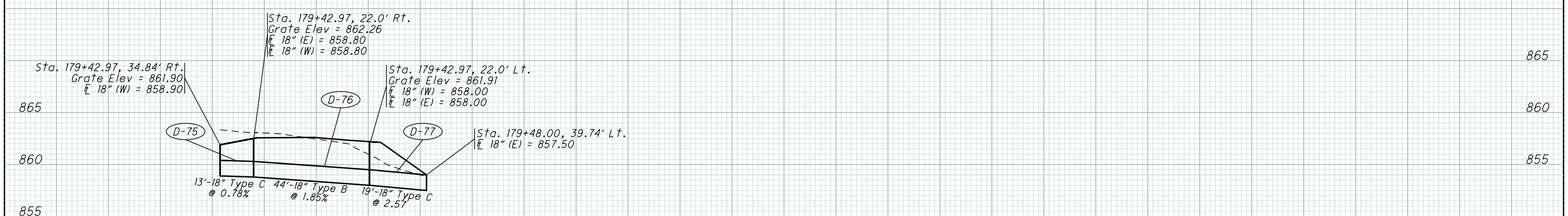


CURVE DATA
P.I. STA. 183+14.78
Δ = 10° 52' 19" (RT)
Dc = 4° 00' 00"
R = 1,432.39'
T = 136.31'
L = 271.80'
E = 6.47'



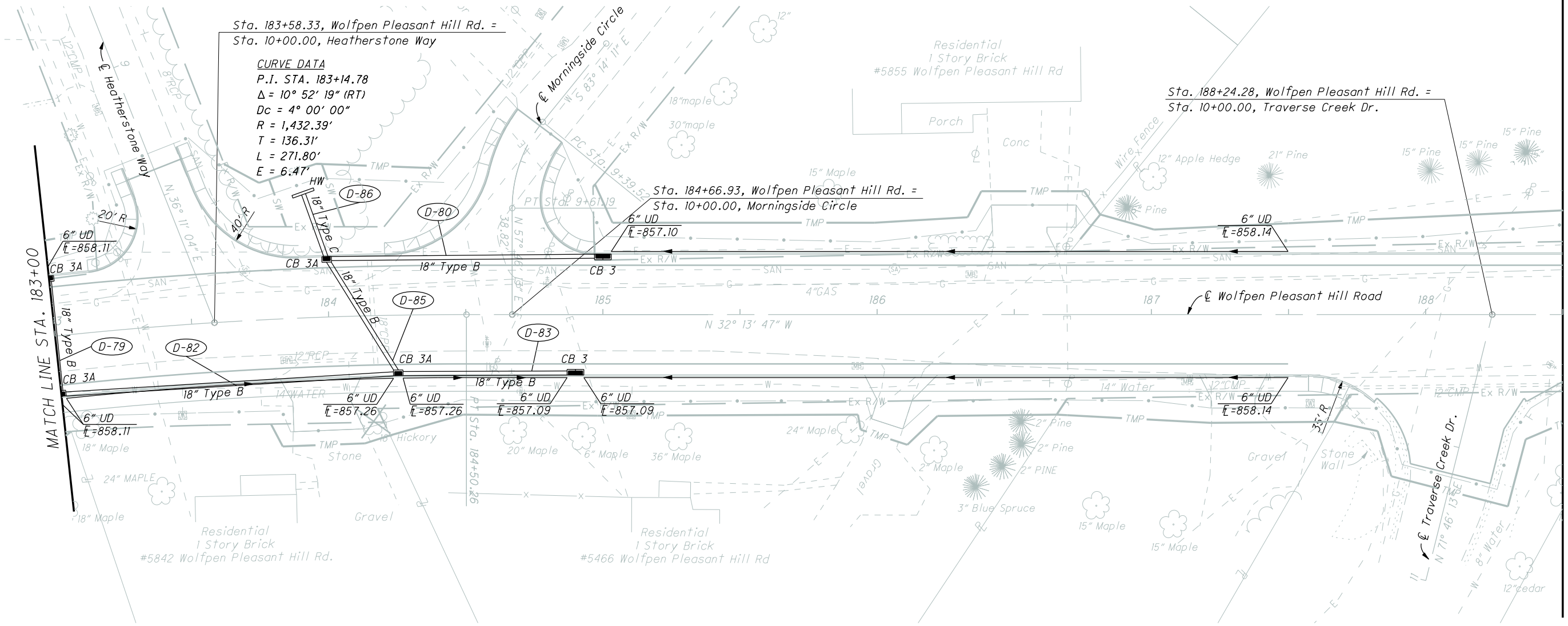
HORIZONTAL SCALE IN FEET
0 20 40

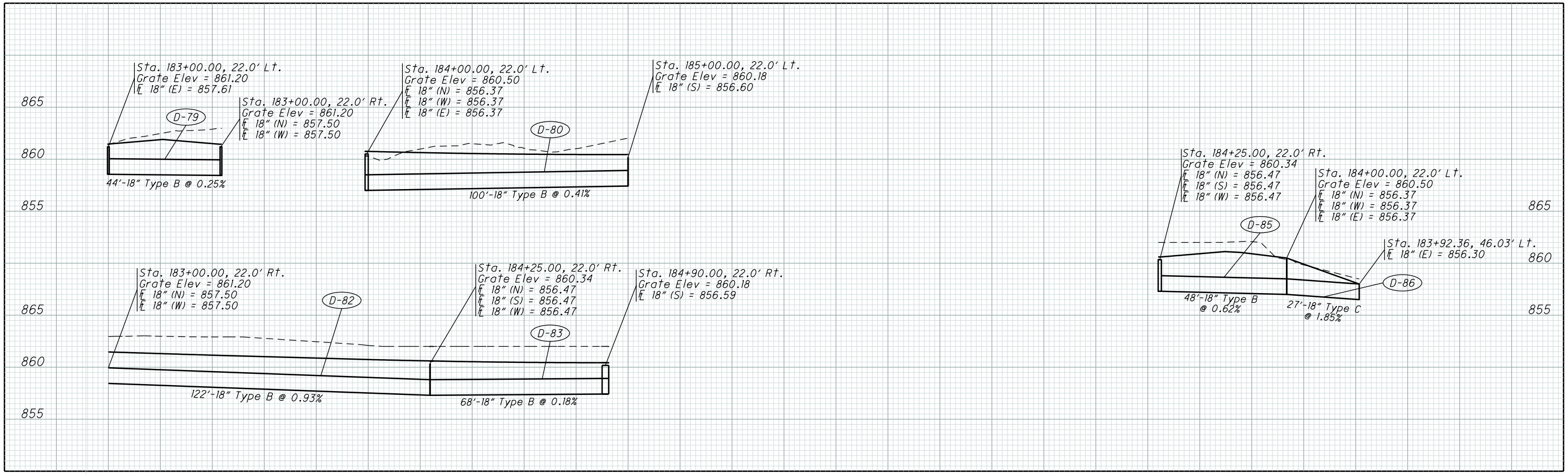
CALCULATED KAN
CHECKED MWS

DRAINAGE PLAN AND PROFILE
STA. 179+00 TO 183+00

WOLFPEN-PLEASANT HILL ROAD

P:\26313\t\82139\drainage\sheets\82139DP010.dgn 5/1/2009 1:19:05 PM ludwigj





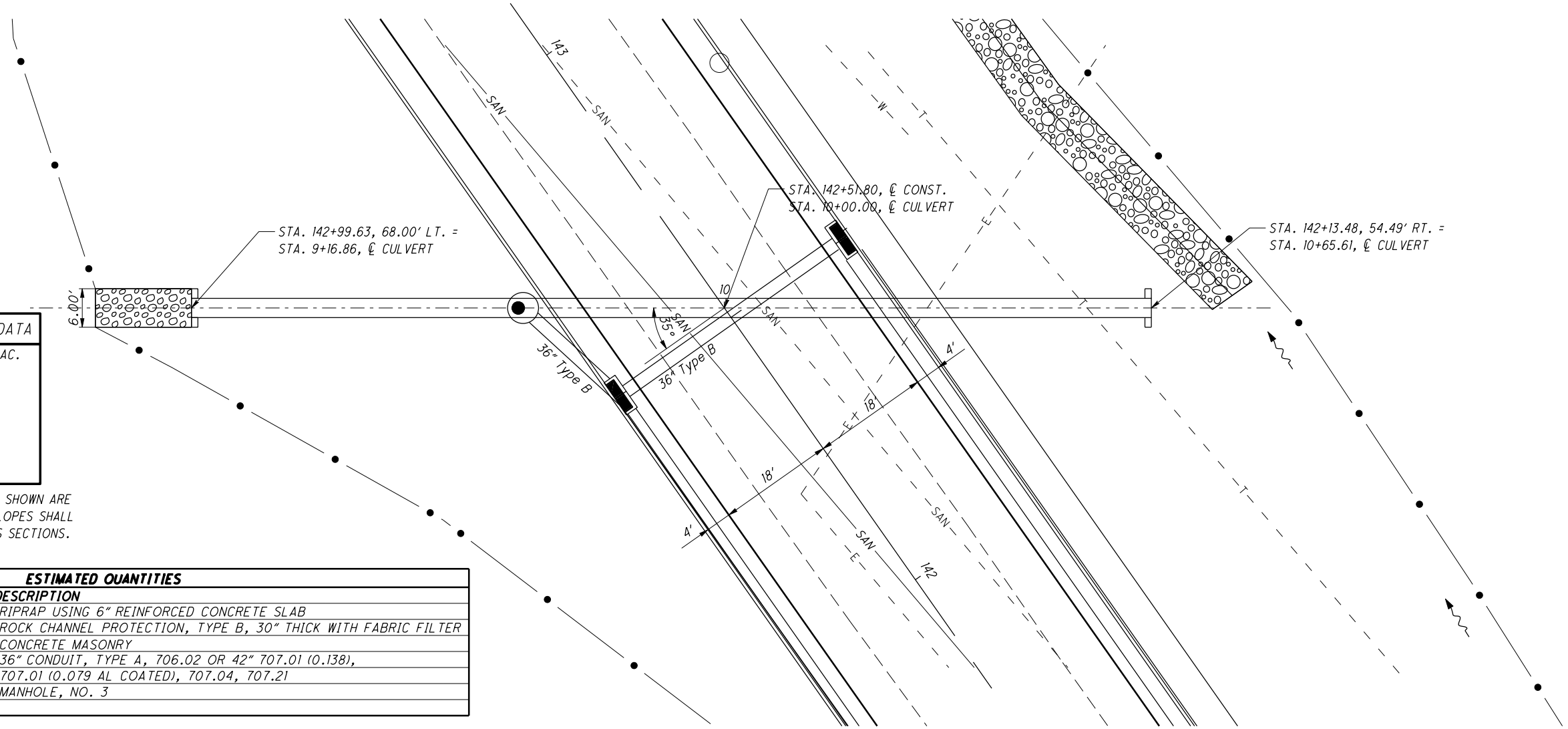
HORIZONTAL SCALE IN FEET
0 20 40

CALCULATED KAN
CHECKED MWS

DRAINAGE PLAN AND PROFILE
STA. 183+00 TO 188+50

WOLFPEN-PLEASANT HILL ROAD

P:\26313\t\82139\drainage\sheets\82139DP011.dgn 5/1/2009 1:19:21 PM ludwigj



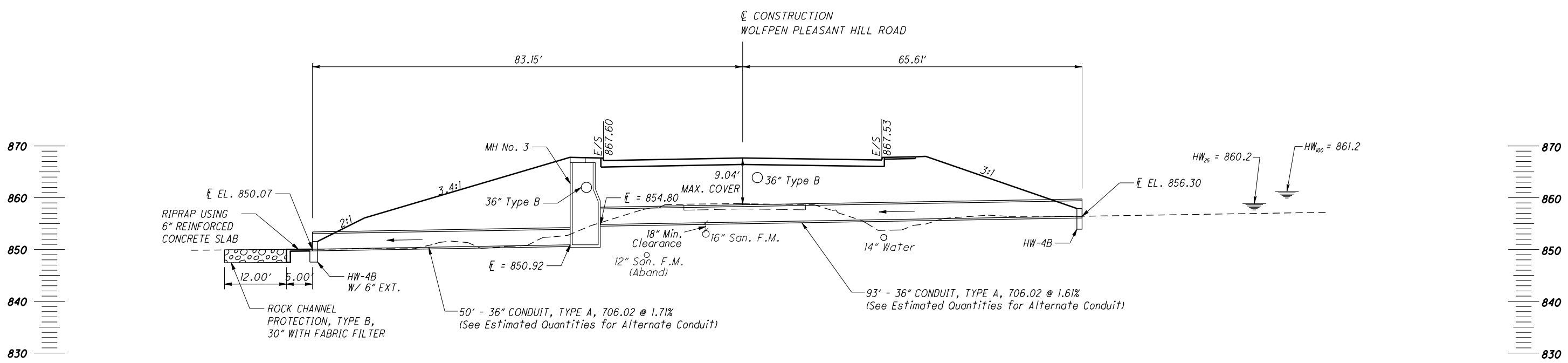
PLAN

HYDRAULIC DESIGN DATA
DRAINAGE AREA = 31 AC.
Q_{25} = 54 cfs
Q_{100} = 67 cfs
HW_{25} = 860.2
HW_{100} = 861.2
V_{25} = 13.5 fps
V_{50} = 14.2 fps

NOTE: EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

ESTIMATED QUANTITIES

ITEM	TOTAL	UNIT	DESCRIPTION
601	3	SQ. YD.	RIPRAP USING 6" REINFORCED CONCRETE SLAB
601	7	CU. YD.	ROCK CHANNEL PROTECTION, TYPE B, 30" THICK WITH FABRIC FILTER
602	1.6	CU. YD.	CONCRETE MASONRY
603	143	FT.	36" CONDUIT, TYPE A, 706.02 OR 42" 707.01 (0.138),
			707.01 (0.079 AL COATED), 707.04, 707.21
604	1	EA.	MANHOLE, NO. 3



PROFILE

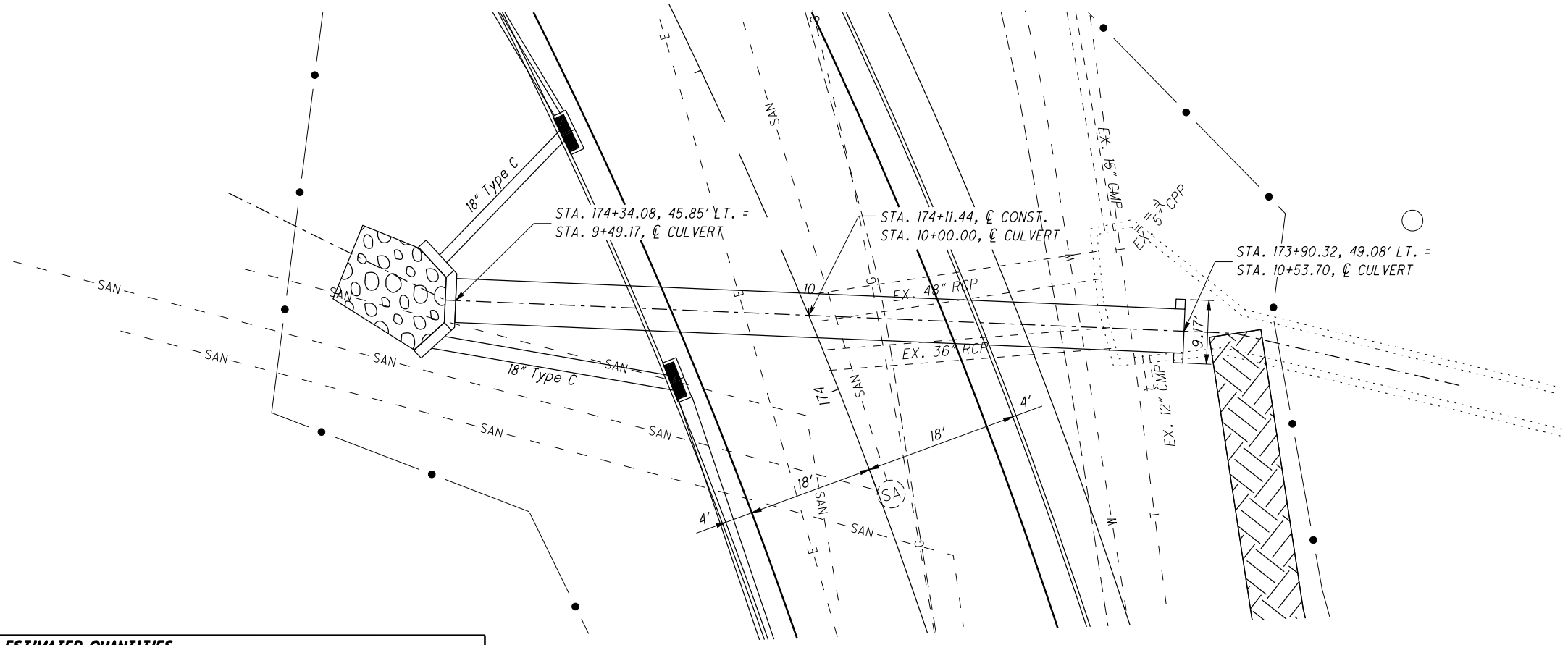
HORIZONTAL SCALE IN FEET
0 5 10 20

DESIGNED KAN
CHECKED MWS

CULVERT DETAIL
STA. 142+51.80

WOLFPEN-PLEASANT HILL ROAD

p:\26313\t\82139\drainage\sheets\82139DC001.dgn 5/1/2009 1:19:34 PM ludwigj

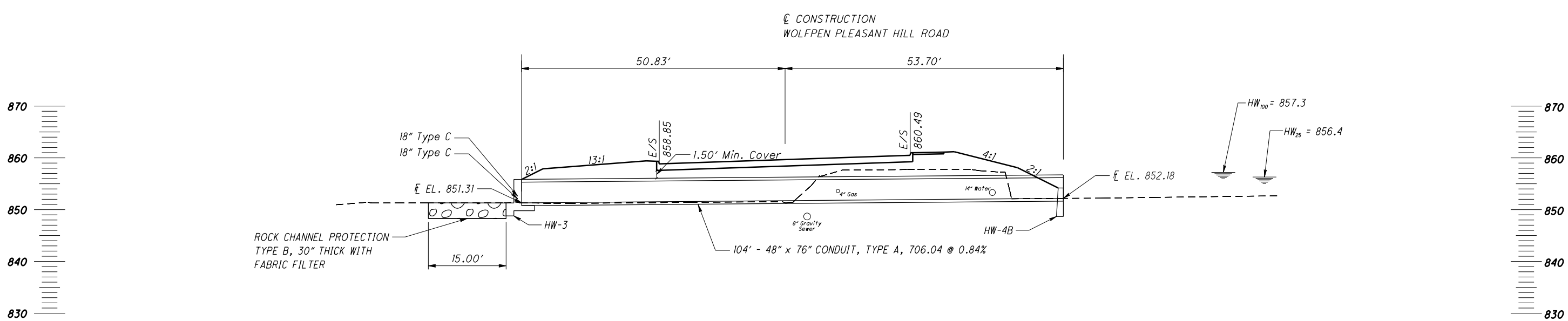


PLAN

ESTIMATED QUANTITIES			
ITEM	TOTAL	UNIT	DESCRIPTION
601	13	CU. YD.	ROCK CHANNEL PROTECTION, TYPE B, 30" THICK WITH FABRIC FILTER
602	11.9	CU. YD.	CONCRETE MASONRY
603	104	FT.	48"x76" CONDUIT, TYPE A, 706.04

HYDRAULIC DESIGN DATA
DRAINAGE AREA = 159 AC.
Q_{25} = 141 cfs
Q_{100} = 171 cfs
HW_{25} = 856.4
HW_{100} = 857.3
V_{25} = 12.9 fps
V_{100} = 13.7 fps

NOTE: EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.



PROFILE

HORIZONTAL SCALE IN FEET
0 5 10 20

DESIGNED KAN
CHECKED MWS

CULVERT DETAIL STA. 174+11.43

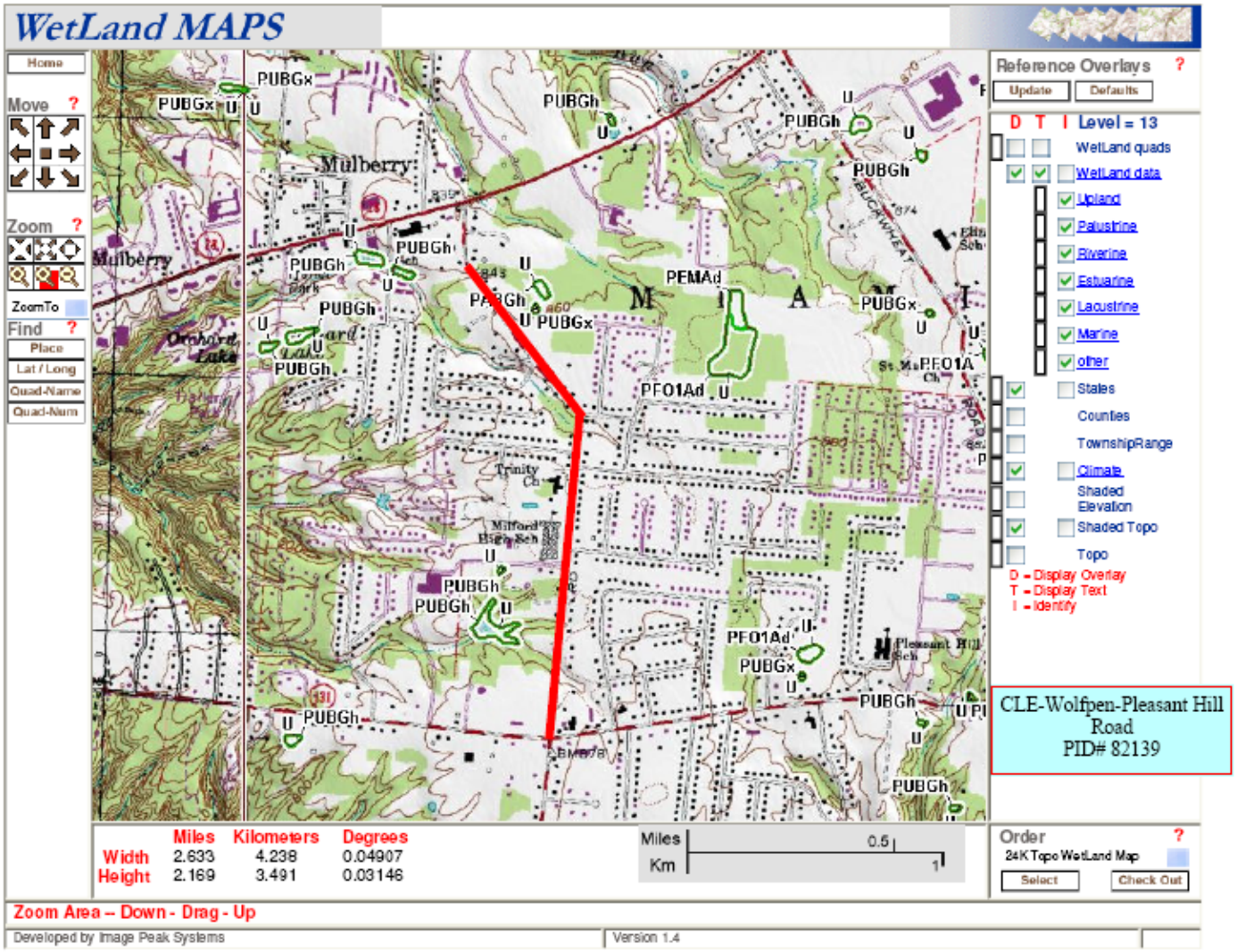
WOLFPEN-PLEASANT HILL ROAD

p:\26313\t\82139\drainage\streets\82139DC002.dgn 5/1/2009 1:19:44 PM ludwigj

Attachment D – Ecological Resources

1) Figures
2) Agency Correspondence
3) Photographs of the Study Area
4) ODOT Determination & Field Review Form
5) USACE, HHEI & ORAM Evaluation Forms
6) Preliminary Project Plan Sheets with Ecological Resources and Photograph Locations Shown

FIGURES


WetLand MAPS
Home
Move ?
Zoom ?
ZoomTo
Find ?
Place
Lat / Long
Quad-Name
Quad-Num
Reference Overlays ?
Update
Defaults
D T I Level = 13
WetLand quads
WetLand data
Upland
Palustrine
Riverine
Estuarine
Lacustrine
Marine
other
States
Counties
TownshipRange
Climate
Shaded Elevation
Shaded Topo
Topo
D = Display Overlay
T = Display Text
I = Identify
CLE-Wolfpen-Pleasant Hill Road
PID# 82139
Mulberry
PUBGx
PUBGh
PEMAd
PFO1Ad
PFO1A
Trinity Ch
Pleasant Hill Sch
Miles Kilometers Degrees
Width 2.633 4.238 0.04907
Height 2.169 3.491 0.03146
Miles 0.5 1
Km
Order ?
24K Topo WetLand Map
Select
Check Out
Zoom Area -- Down - Drag - Up
Developed by Image Peak Systems
Version 1.4

Wolfpen Pleasant Hill Road; PID 82139

Legend

Ohio_wet_scan

- 0
- 1
- Out of range

Interstate

Major Roads

- Other Road
- Interstate
- State highway
- US highway

Roads

Cities

USGS Quad Index 24K

Lower 48 Wetland Polygons

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Lower 48 Available Wetland Data

- Non-Digital
- Digital
- No Data
- Scan

NHD Streams

Counties 100K

States 100K

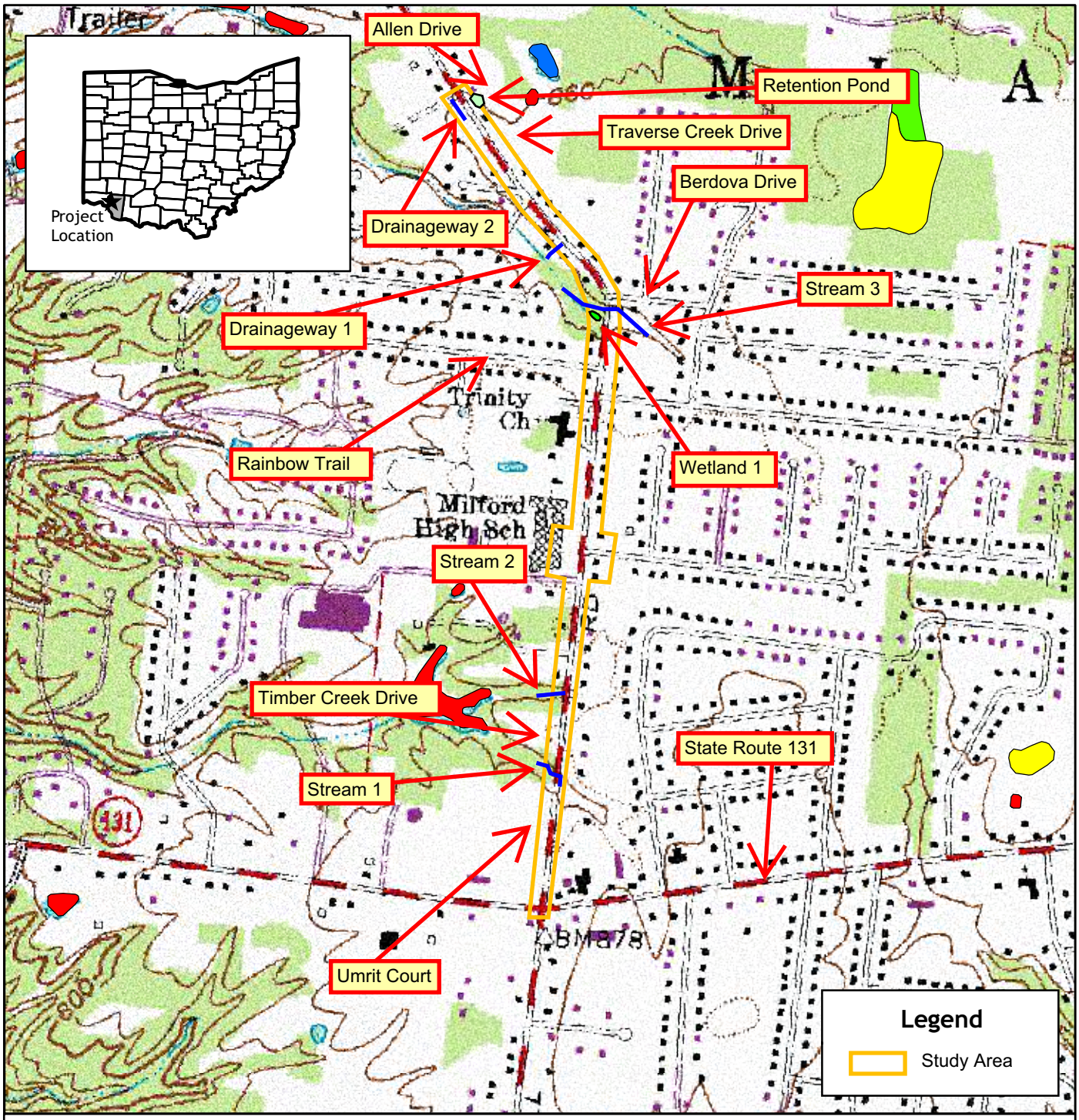
South America

North America

Scale: 1:16,026

Map center: 39° 11' 4" N, 84° 14' 12" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



Ohio Wetlands Inventory

- Farmed
- Shrub/Scrub
- Wet Meadow
- Shallow Marsh
- Woods on Hydric Soil

National Wetlands Inventory

PAB, PFL, POW, PUB, LAC, PEM, PFO, PSS, PUS, RIV

Figure 1. Wolfpen Pleasant Hill Roadway Improvements Project Study Area, Clermont County, Ohio, (CLE-Wolfpen Pleasant Hill, PID No. 82139), Showing Wetlands, Streams, and Drainageways.

N W E S

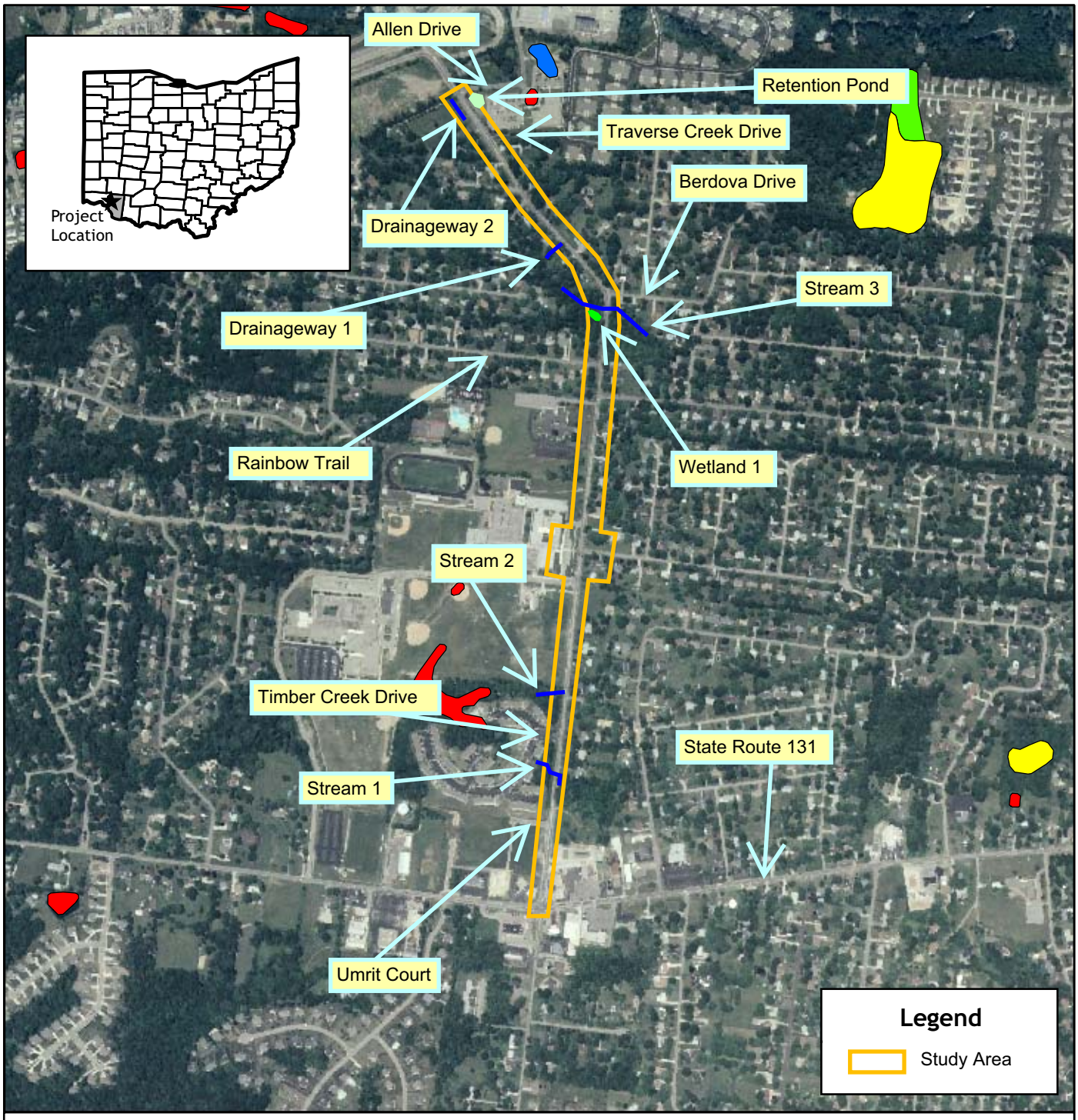
Feet: 500 0 500 1,000

May 2008

Project No. 1855.001

Basemap: USGS 7.5' Topographic Mapping (Goshen, Ohio)

BHE ENVIRONMENTAL



Ohio Wetlands Inventory

- Farmed
- Shrub/Scrub
- Wet Meadow
- Shallow Marsh
- Woods on Hydric Soil

National Wetlands Inventory

PAB, PFL, POW, PUB, LAC, PEM, PFO, PSS, PUS, RIV

Figure 2. Wolfpen Pleasant Hill Roadway Improvements Project Study Area, Clermont County, Ohio, (CLE-Wolfpen Pleasant Hill, PID No. 82139), Showing Wetlands, Streams, and Drainageways.

N W E S

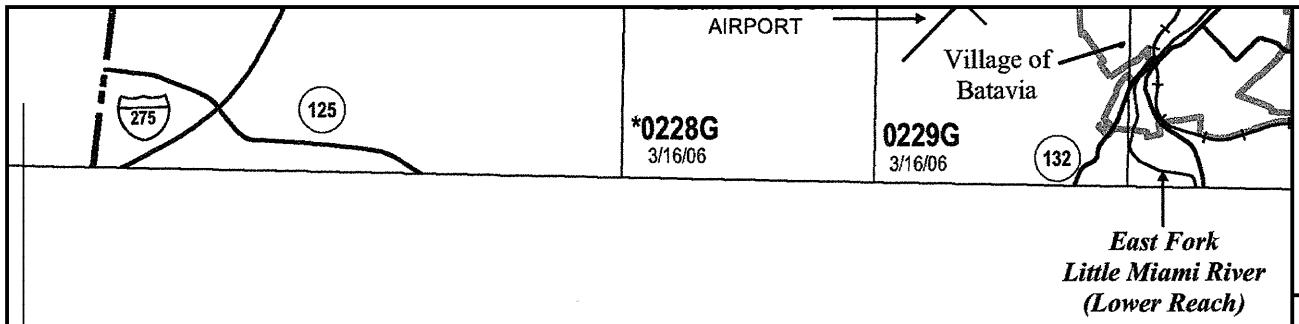
Feet: 500 0 500 1,000

May 2008

Project No. 1855.001

Basemap: 2005 NAIP Aerial Imagery

BHE ENVIRONMENTAL



COMMUNITY NAME	COMMUNITY NUMBER	LOC ON PAI
*AMELIA, VILLAGE OF	390915	**02
BATAVIA, VILLAGE OF	390066	0229,
*BETHEL, VILLAGE OF	390916	03
CHILO, VILLAGE OF	390067	036
CLERMONT COUNTY	390065	0018, 0019, 0038, 0039, **0050, **0075, **0100, 0 0118, 0119, 0127, **0130, 0131, 0132, 0135, 013 0165, 0170, **0200, 0215, 0220, **0225, 0226, 022 0260, 0265, 0266, **0270, 0281, 0282, 0283, 028 0335, **0350, 0351, 0352, 0353, 0354, **0360,
*FELICITY, VILLAGE OF	390917	**04
MILFORD, CITY OF	390227	0108, 0109, 0116,
MOSCOW, VILLAGE OF	390070	035
NEVILLE, VILLAGE OF	390641	0354, 036
NEW RICHMOND, VILLAGE OF	390071	0281, 0282, 028
*NEWTONSVILLE, VILLAGE OF	390918	016
*OWENSVILLE, VILLAGE OF	390680	0144, 0
WILLIAMSBURG, VILLAGE OF	390072	**0255, 0260, 026

* NO SPECIAL FLOOD HAZARD AREAS IDENTIFIED
** PANEL NOT PRINTED

FIRM
FLOOD INSURANCE RATE MAP

CLERMONT COUNTY, OHIO
AND INCORPORATED AREAS

MAP INDEX
SHEET 1 OF 2

PANELS PRINTED: 18, 19, 38, 39, 102, 104, 106, 108, 109, 116, 117, 118, 119, 127, 131, 132, 135, 138, 139, 143, 144, 145, 155, 160, 165, 170, 226, 227, 229, 233, 235, 260

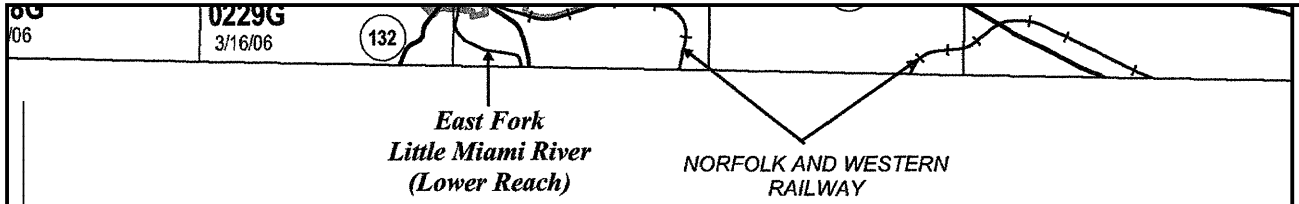
(SEE SHEET 2 FOR ADDITIONAL PANELS PRINTED)

MAP NUMBER
39025CIND1A

EFFECTIVE DATE
MARCH 16, 2006

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



LISTING OF COMMUNITIES

MUNITY MBER	LOCATED ON PANEL(S)	IDENT
0915	**0240	MA
0066	0229, 0233	NOV
0916	0330	MA
0067	0367	J
0065	0018, 0019, 0038, 0039, **0050, **0075, **0100, 0102, 0104, 0106, **0107, 0108, 0109, 0116, 0117, 0118, 0119, 0127, **0130, 0131, 0132, 0135, 0138, 0139, **0140, 0143, 0144, 0145, 0155, 0160, 0165, 0170, **0200, 0215, 0220, **0225, 0226, 0227, **0228, 0229, 0233, 0235, **0240, 0245, **0255, 0260, 0265, 0266, **0270, 0281, 0282, 0283, 0284, 0292, 0314, 0315, 0318, **0320, **0325, 0330, 0335, **0350, 0351, 0352, 0353, 0354, **0360, 0362, 0365, 0367, 0370, 0390, 0395, **0400	DEC
0917	**0400	MA
0227	0108, 0109, 0116, 0117, 0118, 0119	FEB
0070	0351	FEB
0641	0354, 0362, 0365	NOV
0071	0281, 0282, 0283, 0284, 0292	M
0918	0165	MA
0680	0144, 0235	MA
0072	**0255, 0260, 0265, 0266, **0270	MA

ED

FIRM
FLOOD INSURANCE RATE MAP

CLERMONT COUNTY, OHIO
AND INCORPORATED AREAS

MAP INDEX

SHEET 1 OF 2

PANELS PRINTED: 18, 19, 38, 39, 102, 104, 106, 108, 109, 116, 117, 118, 119, 127, 131, 132, 135, 138, 139, 143, 144, 145, 155, 160, 165, 170, 226, 227, 229, 233, 235, 260

(SEE SHEET 2 FOR ADDITIONAL PANELS PRINTED)

MAP NUMBER
39025CIND1A

EFFECTIVE DATE
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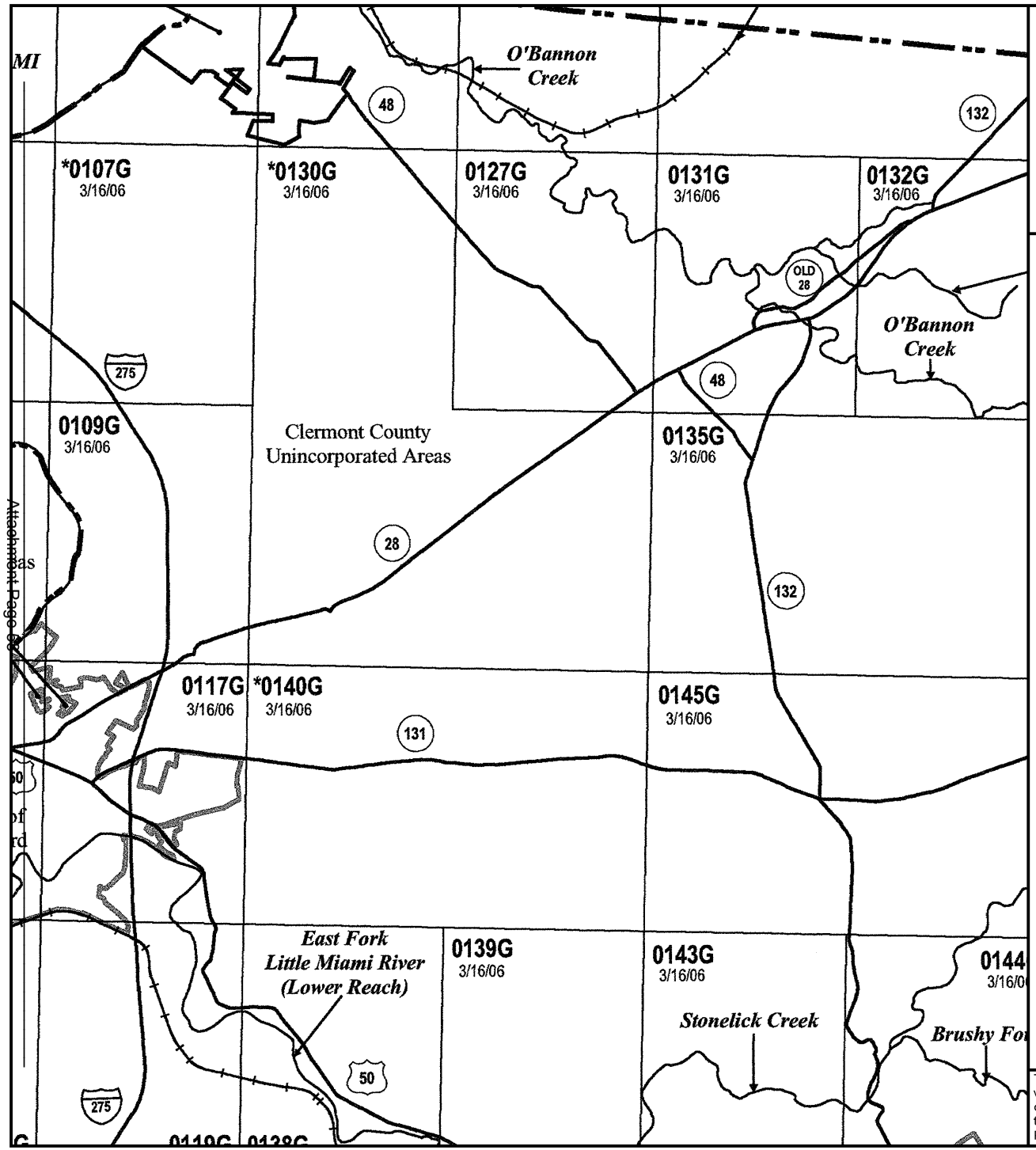
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



FIRM

FLOOD INSURANCE RATE MAP

CLERMONT COUNTY, OHIO

AND INCORPORATED AREAS

MAP INDEX

SHEET 1 OF 2

PANELS PRINTED: 18, 19, 38, 39, 102, 104, 106, 108, 109, 116, 117, 118, 119, 127, 131, 132, 135, 138, 139, 143, 144, 145, 155, 160, 165, 170, 226, 227, 229, 233, 235, 260

(SEE SHEET 2 FOR ADDITIONAL PANELS PRINTED)

MAP NUMBER
39025CIND1A

EFFECTIVE DATE
MARCH 16, 2006

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Agency Correspondence

Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR

SEAN D. LOGAN, DIRECTOR

Division of Natural Areas and Preserves
Steven D. Maurer, Chief
2045 Morse Rd., Bldg. F-1
Columbus, OH 43229-6693
Phone: (614) 265-6453; Fax: (614) 267-3096

May 28, 2008

David Bell
BHE Environmental, Inc.
11733 Chesterdale Rd.
Cincinnati, OH 45246

Dear Mr. Bell:

After reviewing our Natural Heritage maps and files, I find the Division of Natural Areas and Preserves has no records of rare or endangered species in the CLE-Wolfpen Pleasant Hill (PID 82139) road improvements project area, including a one mile radius, in Miami Township, Clermont County, and on the Goshen Quad. We also have no records for Indiana Bat (*Myotis sodalis*, state endangered, federal endangered) capture locations within a five mile radius or hibernacula within a ten mile radius of the project site.

There are no state nature preserves or scenic rivers at the project site. We are also unaware of any unique ecological sites, geologic features, animal assemblages, state parks, state forests or state wildlife areas within a one mile radius of the project area.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. Although we inventory all types of plant communities, we only maintain records on the highest quality areas.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

Debbie Woischke, Ecological Analyst
Natural Heritage Program

Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR SEAN D. LOGAN, DIRECTOR

Division of Wildlife
David M. Graham, Chief
2045 Morse Rd., Bldg. G
Columbus, OH 43229-6693
Phone: (614) 265-6300

June 18, 2008

David Bell
Biologist & Project Manager
Natural Resources Management Group
BHE Environmental, Inc.
11733 Chesterdale Road
Cincinnati, OH 45246

RE: Request for Comment for the Wolfpen-Pleasant Hill Roadway Improvements Project, Clermont County, Ohio (CLE-WOLFPEN PLEASANT HILL, PID 82139)

Dear Mr. Bell:

This is in response to your letter dated May 13, 2008. In that letter you request information regarding important terrestrial and aquatic wildlife species and their habitat that may be present in the area of the project referenced above. After reviewing the information provided, the Ohio Department of Natural Resources, Division of Wildlife (DOW) has the following comments.

The project is within the range of the Indiana bat (Myotis sodalis), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (*Carya ovata*), Shellbark hickory (*Carya laciniosa*), Bitternut hickory (*Carya cordiformis),* Black ash (*Fraxinus nigra*), Green ash (*Fraxinus pennsylvanica*), White ash (*Fraxinus americana*), Shingle oak (*Quercus imbricaria*), Northern red oak (*Quercus rubra*), Slippery elm (*Ulmus rubra*), American elm (*Ulmus americana*), Eastern cottonwood (Populus deltoides), Silver maple (*Acer saccharinum*), Sassafras (*Sassafras albidum*), Post oak (*Quercus stellata*), and White oak (*Quercus alba*). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfoliating bark, crevices, or cavities in upland areas or riparian corridors and living trees of the species listed above with exfoliating bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees occur within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months of April 2 to September 29, a net survey must be conducted in May or June prior to cutting. Net surveys shall incorporate either two net sites per square kilometer of project area with each net site containing a minimum of two nets used for two consecutive nights, or one net site per kilometer of stream within the project limits with each net site containing a minimum of two nets used for two consecutive nights. If no tree removal is proposed, the project is not likely to impact this species.

The project is within the range of the rayed bean (*Villosa fabalis*), a state endangered and federal candidate mussel species, the sheepnose (*Plethobasus cyphyus*), a state endangered and federal candidate mussel species, the washboard (*Megalonaias nervosa*), a state endangered mussel, the snuffbox (*Epioblasma triquetra*), a state endangered mussel, the ebonyshell (*Fusconaia ebena*), a state endangered mussel, the butterfly (*Ellipsaria lineolata*), a state endangered mussel, the elephant-ear (*Elliptio crassidens crassidens*), a state endangered mussel, the Ohio pigtoe (*Pleurobema cordatum*), a state endangered mussel, the monkey face (*Quadrula metanevra*), a state endangered mussel, and the wartyback (*Quadrula nodulata*), a state endangered mussel. It appears from the information provided that no in-water work is proposed for the project. Therefore, the project is not likely to impact these species.

The project is within the range of the shovelnose sturgeon (*Scaphirhynchus platorynchus*), a state endangered species, and the goldeye (*Hiodon alosoides*), a state endangered fish. Due to the mobility of these species, the DOW believes the project is not likely to impact these species.

The project is within the range of the bobcat (*Lynx rufus*), a state endangered species. Due to the mobility of this species, the project is not likely to have an impact on this species.

The project is within the range of the loggerhead shrike (*Lanius ludovicianus*), a state endangered bird. Due to the location of the project and the land use of the project area and adjacent area, the DOW believes the project is not likely to impact this species.

Otherwise, the Ohio Department of Natural Resources, Division of Wildlife, is not aware of any threatened or endangered species in the vicinity of this project. However, the Ohio Department of Natural Resources, Division of Natural Areas and Preserves maintains the Natural Heritage Database, the state's most comprehensive record of Ohio threatened and endangered species. If you have not already done so, it is recommended you contact the Division of Natural Areas and Preserves at (614) 265-6453. To process future projects more efficiently, I recommend you contact the Division of Natural Areas and Preserves prior to contacting the Division of Wildlife. To help expedite the process, please include the results of the Division of Natural Areas and Preserves' Natural Heritage Database request when contacting us regarding future projects.

The Ohio Department of Natural Resources, Division of Wildlife is available to provide guidance on avoiding or minimizing impacts to any listed fauna and/or their habitat. If you should need further assistance, please feel free to contact Becky Jenkins at (614) 265-6631.

Sincerely,

JOHN NAVARRO
Program Administrator

JN/BJ/al

David Bell

From: Katie.DeStefano@dot.state.oh.us
Sent: Thursday, May 15, 2008 8:51 AM
To: Donald.Rostofer@dot.state.oh.us; David Bell
Cc: Megan.Michael@dot.state.oh.us
Subject: Re: Fw: CLE-WOLFPEN PLEASANT HILL, PID 82139: Indiana Bat Coordination

Thanks Don.

Dave:

This correspondence shall be discussed in the MOA submission and included within the final CE document.

Katie

Katherine S. DeStefano, P.E.
The Ohio Department of Transportation
District 8 Planning Department
505 South S.R. 741
Lebanon, Ohio 45036-9518
Phone: (513) 933-6583
FAX: (513) 932-9366
e-mail: katie.destefano@dot.state.oh.us

Donald Rostofer/Environmental/CEN/ODOT

05/15/2008 08:40 AM

To Katie DeStefano/Planning/D08/ODOT@ODOT
cc Megan Michael/Environmental/CEN/ODOT@ODOT
Subject Re: Fw: CLE-WOLFPEN PLEASANT HILL, PID 82139: Indiana Bat Coordination Link

Katie,

The entire project lies within the Indiana bat urban layer. No further Indiana bat habitat information needs to be collected for this project.

Thanks.

cc: file

Donald E. Rostofer, Environmental Supervisor
ODOT- CO- OES - Ecological Unit
1980 West Broad Street,Columbus, OH 43223
Phone: (614) 387-3057;FAX: (614) 728-7368
Email: donald.rostofer@dot.state.oh.us

Katie DeStefano/Planning/D08/ODOT

05/14/2008 03:06 PM

To Megan Michael/Environmental/CEN/ODOT@ODOT, Donald Rostofer/Environmental/CEN/ODOT@ODOT

cc
Subject Fw: CLE-WOLFPEN PLEASANT HILL, PID 82139: Indiana Bat Coordination

Megan/Don,

Attached below is a request for clearance of the Indiana Bat habitat for the above referenced project in accordance with the (TG-ECO-01-07) guidance. See the attachment provided at bottom of email.

Thanks,

Katie

Katherine S. DeStefano, P.E.
The Ohio Department of Transportation
District 8 Planning Department
505 South S.R. 741
Lebanon, Ohio 45036-9518
Phone: (513) 933-6583
FAX: (513) 932-9366
e-mail: katie.destefano@dot.state.oh.us
----- Forwarded by Katie DeStefano/Planning/D08/ODOT on 05/14/2008 03:01 PM -----

David Bell <dbell@bheenvironmental.com>

05/14/2008 12:00 PM

To "Katie Destefano (kdestefano@dot.state.oh.us)" <katie.destefano@dot.state.oh.us>
cc
Subject CLE-WOLFPEN PLEASANT HILL, PID 82139: Indiana Bat Coordination

Hi Katie,

I understand that you are managing this project? BHE has been contracted by Gresham, Smith and Partners (GSP) to conduct the Ecological MOA and Waterway PD for this project. We have just been given authorization by GSP and therefore we are looking to get out and do the Ecological fieldwork in the next week or so. Would it be possible for you to address the following for us with OES. I can contact them directly if you prefer, please let me know if would like us to do this!

According to Technical Guidance for the Indiana Bat (TG-ECO-01-07):

"If the project is within or directly adjacent to an urbanized area, contact the Office of Environmental Services Ecological Unit (OES-ECO) for guidance. Provide the project location of the proposed project on USGS mapping."

The project area is located in the far northwest of Clermont County, and therefore clearly falls within the "urbanized area" as detailed in TG-ECO-01-07:

Please find attached a topographic map which illustrates the approximate project area (USGS 7.5 minute topo quad: Goshen, Ohio).

Tyler, Margaret Bass

From: Katie.DeStefano@dot.state.oh.us
Sent: Tuesday, January 06, 2009 8:30 AM
To: Tyler, Margaret Bass
Subject: Fw: 08-0308; ODOT MOA Dated November 24th, 2008
Attachments: 08-0308.jpg

Hi Margaret:

Provided below are the comments from ODNR in regards to the CLE-Wolfpen-Pleasant Road project (PID# 82139). No specific comments were provided for this project. Include this email in the CE document.

Any questions, let me know.

Katie

Katherine S. DeStefano, P.E.
The Ohio Department of Transportation
District 8 Planning Department
505 South S.R. 741
Lebanon, Ohio 45036-9518
Phone: (513) 933-6583
FAX: (513) 932-9366
e-mail: katie.destefano@dot.state.oh.us

----- Forwarded by Katie DeStefano/Planning/D08/ODOT on 01/06/2009 09:26 AM -----

Donald Rostofer/Environmental/CEN/ODOT

01/06/2009 07:21 AM

To CEN.EnvironmentalDEC
cc Megan Michael/Environmental/CEN/ODOT@ODOT, Chris Staron/Environmental/CEN/ODOT@ODOT
Subject Fw: 08-0308; ODOT MOA Dated November 24th, 2008

DECs and environmental staff;

Attached below are the ODNR comments for the November 24, 2008 MOA. Please include these comments in the project's environmental document and use to create environmental commitments in the construction plans.

Tom Stratton: Concerning HOL-179-4.11 (PID 83121), the Division of Natural Areas and Preserves is very concerned with the proximity of the project to Bonnett Pond Bog State Nature Preserve and some rare plants (listed below). They have requested that ODOT prevent impacts to the hydrology that feed the bog located in the Preserve.

If you have any questions or concerns please feel free to call Megan, Chris, or I.

Thanks.

cc. file..

Donald E. Rostofer, Environmental Supervisor
ODOT- CO- OES - Ecological Unit
1980 West Broad Street,Columbus, OH 43223
Phone: (614) 387-3057;FAX: (614) 728-7368
Email: donald.rostofer@dot.state.oh.us

----- Forwarded by Donald Rostofer/Environmental/CEN/ODOT on 01/06/2009 07:11 AM -----

"Mitch, Brian" <Brian.Mitch@dnr.state.oh.us>

01/05/2009 03:44 PM

To <tim.hill@dot.state.oh.us>
cc <Donald.Rostofer@dot.state.oh.us>, <Megan.Michael@dot.state.oh.us>
Subject 08-0308; ODOT MOA Dated November 24th, 2008

ODNR COMMENTS TO Timothy M. Hill, Administrator, ODOT Office of Environmental Services, 1980 West Broad Street, Columbus, Ohio 43223.

Location: The ODOT MOA Dated November 24th involves PIDs 80057, 82275, 25329, **82139**, 81986, 75767, 79882, 24870 and 83121. These projects are located in ODOT Districts 3, 7, 8, 10, and 11.

Project: The above referenced projects will require bridge or culvert replacements and/or roadway improvements on essentially the existing alignments.

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Rare and Endangered Species: The ODNR, Division of Natural Areas and Preserves, has the following comments.

PID 83121

It should be noted that Bonnett Pond Bog State Nature Preserve is located within approximately 1/4 mile of the project site. The boundaries are shown in green on the attached map. The locations of three rare plants and a Sphagnum Peat Bog Plant Community within the preserve are shown in red. In addition to the two plants already mentioned in the documentation for review *(Rhynchospora alba* and *Carex echinata*), we also have a record for the Broad-winged Sedge (*Carex alata*), potentially threatened, which was added in July 2008.

As long as this project has no impacts on the hydrology of the bog, we have no concerns, but ODOT and the contractors performing the work on the bridge replacement should be aware of the proximity of the nature preserve and this requirement.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area.

Fish and Wildlife: The ODNR, Division of Wildlife (DOW) has no comments regarding this project.

ODNR appreciates the opportunity to provide these comments. Please contact Brian Mitch at (614) 265-6378 if you have questions about these comments or need additional information.

Brian Mitch, Environmental Review Manager
Ohio Department of Natural Resources
Environmental Services Section
2045 Morse Road, Building D-3
Columbus, Ohio 43229-6693
Office: (614) 265-6378
FAX: (614) 267-4764
brian.mitch@dnr.state.oh.us

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
4625 Morse Road, Suite 104
Columbus, Ohio 43230
614-416-8993 / FAX 614-416-8994

December 23, 2008

Timothy M. Hill
Office of Environmental Services
Ohio Department of Transportation
P.O. Box 899
Columbus, OH 43216-0899

TAILS: 31420-2009-I-0141 (PID 82139)
31420-2009-I-0142 (PID 81986)
31420-2009-I-0143 (PID 24870)
31420-2009-I-0144 (PID 83121)

Attn: Donald Rostofer
RE: MOA and PC Project Notifications, November 24, 2008

Dear Mr. Hill,

This is in response to your November 24, 2008 MOA and PC Project Notifications letter received in our office on November 25, 2008, requesting our review and comments on 4 projects involving bridge or culvert replacements and/or roadway improvements on essentially existing alignments, and other projects that meet a Nationwide 404 Permit. These project notifications are in accordance with the Memorandum of Agreement (MOA) for Interagency Coordination for Highway Projects Which Involve Stream Crossings and/or Minor Wetland Fills and the Programmatic Consultation (PC) between USFWS, FHWA, and ODOT. We are attaching a copy of the list of projects and their locations you provided.

We note and appreciate your thorough description of project-specific conditions regarding potential Indiana bat roosting and maternity habitat and efforts to avoid impacts to such habitat. On bridge replacement projects, we recommend that, prior to any bridge removal, the underside of the bridge be carefully examined for the presence of bats, especially from April 1 to September 30. If any bats are found roosting on the underside of the bridge, please immediately contact this office to provide this information.

Regarding impacts to the Indiana bat (*Myotis sodalis*), the following projects fall under the PC1-a and PC1-b category of impacts within the PC and therefore will not require the use of cutting date restrictions: **WAR-CR59-0.00 (PID 81986), HAS-22-17.38 (PID 24870),** and **HOL-179-4.11 (PID 83121).** (Please note for your records that the **WAR-CR59-0.00** project was mistakenly submitted as a PC1-b in the West Management Unit. This project is actually in the South Management Unit and, therefore, falls under the PC1-a category.) The Service concurs with your determination that these projects, as proposed, may affect, but are not likely to adversely affect the Indiana Bat. We have no objection to these projects, provided that conditions in the PC are followed and that best management practices (BMPs) are implemented during and following construction activities to minimize water quality impacts and impacts to high quality fish and wildlife habitats.

Projects **WAR-CR59-0.00 (PID 81986)**and **CLE-Wolfpen Pleasant Hill (PID 82139)** are within the known range of the running buffalo clover (*Trifolium stoloniferum*), a Federally-listed Endangered

Species. Surveys for this species were conducted within the study areas of both projects. Although some suitable habitat was present at each location, no individual plants of this species were found. Therefore, the Service concurs with your determination that these projects, as proposed, may affect but are not likely to adversely affect the running buffalo clover.

Project **HAS-22-17.38 (PID 24870)** proposes to remove three bridges that carry US 22 over an abandoned railroad. The gaps resulting from these bridge removals will be filled with earth, and new pavement will replace the old structures. The project description provided does not include information regarding the source of the fill material to be used. Please send relevant information to our office for review if the acquisition of source material will result in impacts to any federally-listed species or their habitat. In addition, the Service generally recommends that Departments of Transportation consider wildlife passage in project design. It is likely that terrestrial species use the abandoned railroad line as a travel corridor, allowing safe passage under US 22. We suggest that ODOT consider improvements to the existing structures that would maintain this open corridor if practicable and be mindful of maintaining such corridors in future project designs. For more information on retaining habitat connectivity in transportation planning and reducing wildlife-vehicle collisions, visit the FHWA website: http://www.fhwa.dot.gov/environment/wildlifecrossings/intro.htm.

We recommend that unavoidable impacts to streams, wetlands, and other important habitats be mitigated. On projects that include plans to replace culverts, we recommend that they be placed to allow free movement of aquatic fauna. Also, on projects that include plans to use riprap for channel protection, we recommend using native vegetation to control erosion, or, at a minimum, use native vegetation in combination with rock. To summarize, we recommend the use of natural channel design techniques where applicable. Also, on all pertinent projects, we recommend that existing riparian habitat zones be maintained to the maximum extent possible.

These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the Endangered Species Act, of 1973, as amended, and is consistent with the intent of the National Environmental Policy Act of 1969, and the U.S. Fish and Wildlife Service's Mitigation Policy.

This concludes consultation on this action as required by section 7(a)(2) of the Endangered Species Act. Should, during the term of this action, additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, consultation with the Service should be reinitiated to assess whether the determinations are still valid.

If you have questions, or if we may be of further assistance in this matter, please contact Karen Hallberg at extension 23 in this office.

Sincerely,

Mary Knapp, Ph.D.
Field Supervisor

cc: ODNR, DOW, SCEA Unit, Columbus, OH
Ohio Regulatory Transportation Office, Columbus, OH (with all attachments)

November 24, 2008

MOA Project Notifications

DISTRICT	C-R-S	PID	WATERBODY	WETLANDS
3	ASD-95-6.18	80057	Big Run	None
3	MED-SR83-3.58	82275	East Fork of East Branch of the Black River	None
7	CLA-4-23.12	25329	Trib to Buck Creek	<0.1 acre
8	**CLE-Wolfpen Pleasant Hill**	**82139**	**Three Un. Trib. to Happy Hollow**	**0.04 acre**
8	**WAR-CR59-0.00**	**81986**	**Little Muddy Creek**	**0.1 acre**
10	ATH-56-9.74	75767	Un. Trib. to Margaret Creek, Un. Trib. to Scott Creek, Un. Trib. to Kitchen Run	None
10	GAL-325-13.87	79882	Un. Trib. to Raccoon Creek, Un. Trib. to Ohio River, Un. Trib. to Chickamauga Creek	None
11	**HAS-22-17.38**	**24870**	**None**	**0.10**
11	**HOL-179-4.11**	**83121**	**Un. Trib. to Mohican River**	**<0.1 acre**

Projects listed in bold are projects that May Affect a federally listed species and require full USFWS review.

Photographs of Study Area

WOLFPEN PLEASANT HILL ROADWAY IMPROVEMENTS PROJECT
(CLE-WOLFPEN PLEASANT HILL, PID 82139)
Photographs taken by BHE Environmental, Inc.
June 2, 2008

Photograph 1:

Wolfpen Pleasant Hill Road and SR 131 intersection

Direction of view:
North

Location of camera:
Northwest quadrant of Wolfpen Pleasant Hill Road and SR 131 intersection

Date:
June 2, 2008

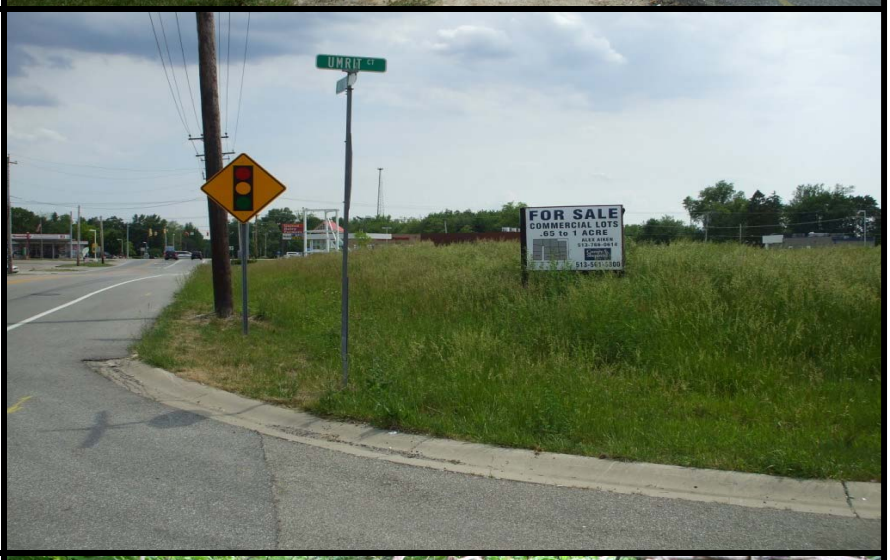
Photograph 2:

Wolfpen Pleasant Hill Road and Umrit Court intersection

Direction of view:
South

Location of camera:
Adjacent to southbound Wolfpen Pleasant Hill Road

Date:
June 2, 2008



Photograph 3:

Stream 1, upstream (east) of Wolfpen Pleasant Hill Road

Direction of view:
South

Location of camera:
Immediately east of Wolfpen Pleasant Hill Road

Date:
June 2, 2008

WOLFPEN PLEASANT HILL ROADWAY IMPROVEMENTS PROJECT
(CLE-WOLFPEN PLEASANT HILL, PID 82139)
Photographs taken by BHE Environmental, Inc.
June 2, 2008

Photograph 4:

Stream 1, downstream (west) of Wolfpen Pleasant Hill Road

Direction of view:
West

Location of camera:
Immediately west of Wolfpen Pleasant Hill Road

Date:
June 2, 2008

Photograph 5:

Wolfpen Pleasant Hill Road and Timber Creek Drive intersection

Direction of view:
North

Location of camera:
Immediately adjacent to southbound Wolfpen Pleasant Hill Road

Date:
June 2, 2008

Photograph 6:

Wolfpen Pleasant Hill Road and Timber Creek Drive intersection

Direction of view:
South

Location of camera:
Immediately adjacent to Southbound Wolfpen Pleasant Hill Road

Date:
June 2, 2008

WOLFPEN PLEASANT HILL ROADWAY IMPROVEMENTS PROJECT
(CLE-WOLFPEN PLEASANT HILL, PID 82139)
Photographs taken by BHE Environmental, Inc.
June 2, 2008

Photograph 7:

Stream 2, downstream (west) of Wolfpen Pleasant Hill Road

Direction of view:
West

Location of camera:
Immediately west of Wolfpen Pleasant Hill Road

Date:
June 2, 2008

Photograph 8:

Stream 2, downstream (west) of Wolfpen Pleasant Hill Road

Direction of view:
West

Location of camera:
West of Wolfpen Pleasant Hill Road

Date:
June 2, 2008

Photograph 9:

Wolfpen Pleasant Hill Road and Rainbow Trail intersection

Direction of view:
North

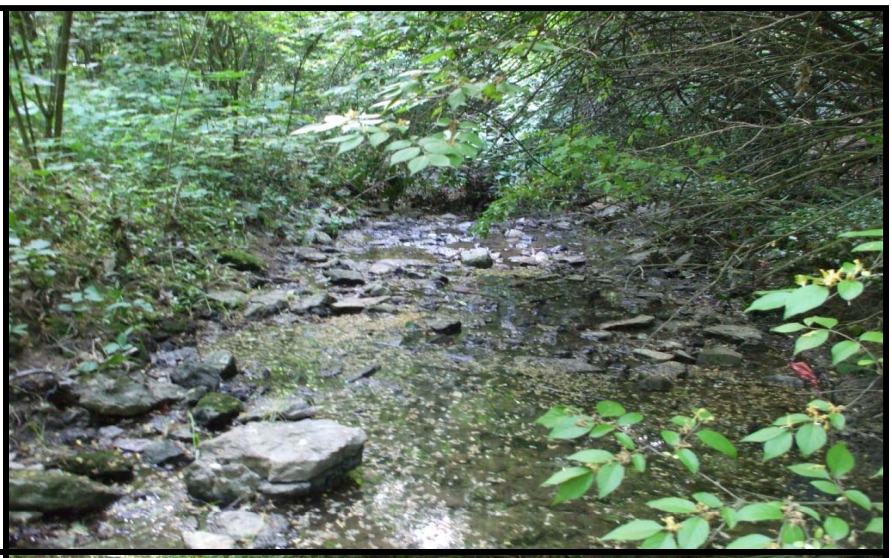
Location of camera:
Immediately adjacent to southbound Wolfpen Pleasant Hill Road

Date:
June 2, 2008

WOLFPEN PLEASANT HILL ROADWAY IMPROVEMENTS PROJECT
(CLE-WOLFPEN PLEASANT HILL, PID 82139)
Photographs taken by BHE Environmental, Inc.
June 2, 2008

Photograph 10: Wolfpen Pleasant Hill Road and Rainbow Trail intersection Direction of view: South Location of camera: Immediately adjacent to southbound Wolfpen Pleasant Hill Road Date: June 2, 2008	
Photograph 11: Wetland 1, west of Wolfpen Pleasant Hill Road Direction of view: East Location of camera: West of Wolfpen Pleasant Hill Road Date: June 2, 2008	
Photograph 12: Wetland 1, west of Wolfpen Pleasant Hill Road Direction of view: West Location of camera: West of Wolfpen Pleasant Hill Road Date: June 2, 2008	

WOLFPEN PLEASANT HILL ROADWAY IMPROVEMENTS PROJECT
(CLE-WOLFPEN PLEASANT HILL, PID 82139)
Photographs taken by BHE Environmental, Inc.
June 2, 2008

Photograph 13: Stream 3, downstream (west) of Wolfpen Pleasant Hill Road Direction of view: West Location of camera: West of Wolfpen Pleasant Hill Road Date: June 2, 2008	
Photograph 14: Stream 3, upstream (east) of Wolfpen Pleasant Hill Road Direction of view: East Location of camera: Immediately east of Wolfpen Pleasant Hill Road Date: June 2, 2008	
Photograph 15: Drainageway 1, downstream (west) of Wolfpen Pleasant Hill Road Direction of view: Northeast Location of camera: Immediately west of Wolfpen Pleasant Hill Road Date: June 2, 2008	

WOLFPEN PLEASANT HILL ROADWAY IMPROVEMENTS PROJECT
(CLE-WOLFPEN PLEASANT HILL, PID 82139)
Photographs taken by BHE Environmental, Inc.
June 2, 2008

Photograph 16:

Drainageway 1, downstream (west) of Wolfpen Pleasant Hill Road

Direction of view:
Southwest

Location of camera:
Immediately west of Wolfpen Pleasant Hill Road

Date:
June 2, 2008

Photograph 17:

Wolfpen Pleasant Hill Road and Heatherstone intersection

Direction of view:
Southeast

Location of camera:
Immediately adjacent to southbound Wolfpen Pleasant Hill Road

Date:
June 2, 2008

Photograph 18:

Wolfpen Pleasant Hill Road and Traverse Creek Drive intersection

Direction of view:
South

Location of camera:
Immediately adjacent to southbound Wolfpen Pleasant Hill Road

Date:
June 2, 2008

WOLFPEN PLEASANT HILL ROADWAY IMPROVEMENTS PROJECT
(CLE-WOLFPEN PLEASANT HILL, PID 82139)
Photographs taken by BHE Environmental, Inc.
September 29, 2008

Photograph 19: Retention pond, immediately northeast of Wolfpen Pleasant Hill Road Direction of view: Northwest Location of camera: Immediately adjacent to northbound Wolfpen Pleasant Hill Road Date: September 29, 2008	
Photograph 20: Drainage way 2, immediately southwest of Wolfpen Pleasant Hill Road Direction of view: Northwest Location of camera: Immediately adjacent to southbound Wolfpen Pleasant Hill Road Date: September 29, 2008	
Photograph 21: Drainage way 2, immediately southwest of Wolfpen Pleasant Hill Road Direction of view: Southeast Location of camera: Immediately adjacent to southbound Wolfpen Pleasant Hill Road Date: September 29, 2008	

ODOT Determination and Field Review Form

OHIO DEPARTMENT OF TRANSPORTATION

Office of Environmental Services

Determination and Field Review Form

Section 1: General Information

Project CRS: CLE-WOLFPEN PLEASANT HILL

PID: 82139

Determination Date: 5-25-08

Reviewer: Dave Bell

Reason for Field Review: Assessment of streams, wetlands, threatened or endangered species in project area.

Field Review Date: 6-2-08

Investigators: Dave Bell & Dane Vandewater

Section 2: Stream Data

Stream Name: Stream 1: Unnamed Tributary to Happy Hollow

OEPA Designation: None

Impact Type: Culvert Extension

QHEI/HHEI Score: 29 (Downstream)/23 (Upstream)

Impact Length: Approximately 120 ft

Other Data: None

Comments: Stream to be culverted under the proposed new roadway

Section3: Wetland Data

Wetland Name: Wetland 1

ORAM: 36

Isolated: Y [N]

Total Area: 0.06 acre

Impacted Area: Total impact: 0.04 acre

Comments: Approximately 0.03 acre permanently impacted; approximately 0.01 acre temporarily impacted during construction

Section 4: Listed Species Survey

Species Name: Running buffalo clover State/Federal Status: Federally endangered

Suspected Location (NHDB): None

Actual Location (if found): N/A

# of Individuals/populations: N/A

Comments: Species specific survey for running buffalo clover (federally endangered).

Potentially suitable habitat survey for rayed bean mussel (federal candidate), and sheepnose mussel (federal candidate), and additional survey for the following state-endangered species: washboard mussel, snuffbox mussel, ebonyshell mussel, butterfly mussel, elephant-ear mussel, Ohio pigtoe mussel, monkey face mussel, wartyback mussel, shovelnose sturgeon, goldeye fish, bobcat, and the loggerhead shrike.

Section 5: Mussel Survey

Suspected location of mussel/bed: No suspected locations

Actual location (if found):

Individuals: # Species:

Listed Species: Y N (If yes, fill out Listed Species section)

Comments: No species specific survey conducted for mussels: survey for potential suitable habitat survey only

Section 6: General Conclusions

Meets MOA: Yes

Comments:

Stream Data

Stream Name:	Stream 2: Unnamed Tributary to Happy Hollow	OEPA Designation:	None
Impact Type:	Culvert Extension	QHEI/HHEI Score:	47
Impact Length:	Approximately 40 ft	Other Data:	None

Comments: Stream to be culverted under the proposed new roadway

Stream Name:	Stream 3: Unnamed Tributary to Happy Hollow	OEPA Designation:	None
Impact Type:	Culvert Extension/Roadway Realignment	QHEI/HHEI Score:	68 (Downstream)/27 (Upstream)
Impact Length:	Approximately 60 ft	Other Data:	None

Comments: Stream to be culverted under the proposed new roadway, and roadway alignment to be modified in this locality

Stream Name:	Drainage Way 1	OEPA Designation:	None
Impact Type:	Culvert Extension	QHEI/HHEI Score:	23
Impact Length:	Approximately 30 ft	Other Data:	None

Comments: Drainageway to be culverted under the proposed new roadway

Stream Data

Stream Name: Drainage Way 2

OEPA Designation: None

Impact Type: None

QHEI/HHEI Score: 13

Impact Length: None

Other Data: None

Comments: Drainageway lies outside of construction limits

Stream Name:

OEPA Designation:

Impact Type:

QHEI/HHEI Score:

Impact Length:

Other Data: None

Comments:

Stream Name:

OEPA Designation:

Impact Type:

QHEI/HHEI Score:

Impact Length:

Other Data:

Comments:

USACE, HHEI and ORAM Evaluation Forms

Site: Wolfpen Pleasant Hill Road		Date: June 2, 2008
Wetlands:	Wetland 1	Rater: DGV & DB

Subtotal	Points
0	0

Metric 1. Wetland Area (size). (max 6 pts)

Select one size class and assign score.

	>50 acres (>20.2ha) (6 pts)
	25 to <50 acres (10.1 to <20.2ha) (5 pts)
	10 to <25 acres (4 to <10.1ha) (4 pts)
	3 to <10 acres (1.2 to <4ha) (3 pts)
	0.3 to <3 acres (0.12 to <1.2ha) (2pts)
	0.1 to <0.3 acres (0.04 to <0.12ha) (1 pt)
0	<0.1 acres (0.04ha) (0 pts)

Subtotal	Points
8	8

Metric 2. Upland buffers and surrounding land use. (max 14 pts)

2a. Calculate average buffer width (select one, do not double check)

	WIDE. Buffers average 50m (164ft) or more around wetland perimeter (7)
4	MEDIUM. Buffers average 25m to <50m (82 to <164ft) around wetland perimeter (4)
	NARROW. Buffers average 10m to <25m (32ft to <82ft) around wetland perimeter (1)
	VERY NARROW. Buffers average <10m (<32ft) around wetland perimeter (0)

2b. Intensity of surrounding land use (select one or double check & average)

	VERY LOW. 2nd growth or older forest, prairie, savannah, wildlife area, etc. (7)
5	LOW. Old field (>10 years), shrubland, young second growth forest. (5)
3	MODERATELY HIGH. Residential, fenced pasture, park, conservation tillage, new fallow field. (3)
	HIGH. Urban, industrial, open pasture, row cropping, mining, construction. (1)

Subtotal	Points
20	12

Metric 3. Hydrology. (max 30 pts)

3a. Sources of Water. Score all that apply.

	High pH groundwater (5)
	Other groundwater (3)
1	Precipitation (1)
	Seasonal/Intermittent surface water (3)
	Perennial surface water (lake or stream) (5)

3b. Connectivity. Score all that apply.

	100 year floodplain (1)
1	Between stream/lake and other human use (1)
1	Part of wetland/upland (e.g. forest), complex (1)
1	Part of riparian or upland corridor (1)

3c. Maximum water depth. Select only 1.

	>0.7 (27.6in) (3)
	0.4 to 0.7m (15.7 to 27.6in) (2)
1	<0.4m (<15.7in) (1)

3d. Duration inundation/saturation. (select one or double check & average)

	Semi- to permanently inundated/saturated (4)
	Regularly inundated/saturated (3)
2	Seasonally inundated (2)
	Seasonally saturated in upper 30cm (12in) (1)

3e. Modifications to natural hydrologic regime. (select one or double check & average)

	None or none apparent (12)
7	Recovered (7)
3	Recovering (3)
	Recent or no recovery (1)

Check all disturbances observed

☐ ditch	☐ point source (nonstormwater)
☐ dike	☐ filling/grading
☐ tile	☐ road bed/RR track
☐ weir	☐ dredging
☑ stormwater input	☐ other- list

Subtotal	Points
30	10

Metric 4. Habitat Alteration and Development. (max 20 pts.)

4a. Substrate disturbance. Score one or double check and average.

	None or none apparent (4)
3	Recovered (3)
2	Recovering (2)
	Recent or no recovery (1)

4b. Habitat development. Select one.

	Excellent (7)
	Very good (6)
	Good (5)
	Moderately good (4)
3	Fair (3)
	Poor to fair (2)
	Poor (1)

4c. Habitat alteration. Score one or double check and average.

	None or none apparent (9)
6	Recovered (6)
3	Recovering (3)
	Recent or no recovery (1)

Check all disturbances observed

☑ mowing	☐ shrub/sapling removal
☐ grazing	☐ herbaceous/aquatic bed removal
☐ clearcutting	☑ sedimentation
☐ selective cutting	☐ dredging
☐ woody debris removal	☐ farming
☐ toxic pollutants	☐ nutrient emrichment

30 subtotal this page

Site: Wolfpen Pleasant Hill Road		**Date:**	June 2, 2008
Wetland:	Wetland 1	**Rater:**	DGV & DB

30	subtotal first page

30	0
Subtotal	Points

Metric 5. Special Wetlands. (max 10 pts.)

Check all that apply and score as indicated

	Bog (10 pts)
	Fen (10 pts)
	Old Growth Forest (10 pts)
	Mature forested wetland (5 pts)
	Lake Erie coastal/tributary wetland-unrestricted hydrology (10 pts)
	Lake Erie coastal/tributary wetland-restricted hydrology (5 pts)
	Lake Plain Sand Prairies (Oak Openings) (10 pts)
	Relict Wet Prairies (10 pts)
	Known occurrence state/federal threatened or endangered species (10)
	Significant migatory songbird/waterfowl habitat or usage (10 pts)
	Category 1 Wetland. See Question 1 of Qualitative Rating. (-10 pts)

36	6
Subtotal	Points

Metric 6. Plant Communities, interspersion, microtopography. (max 20 pts.)

6a. Wetland Vegetation Communities

Score all present using 0 to 3 scale

	Aquatic bed
1	Emergent
	Shrub
1	Forest
	Mudflats
	Open water
	Other (list)

6b. Horizontal (plan view) interspersion

Select only one

	High (5)
	Moderately high (4)
	Moderate (3)
2	Moderately low (2)
	Low (1)
	None (0)

6c. Coverage of invasive plants.

Refer to Table 1 ORAM long form for list.

Add or deduct points for coverage

	Extensive >75 % cover (-5)
	Moderate 25-75% cover (-3)
	Sparse 5-25% cover (-1)
0	Nearly Absent <5% cover (0)
	Absent (1)

6d. Microtopography

Score all present using 0 to 3 scale

	Vegetated hummocks/tussocks
1	Coarse woody debris >15 cm (6")
1	Standing dead > 25 cm (10") dbh
	Amphibian breeding pools

Vegetation Community Cover Scale

0	Absent or comprises <0.1 ha (0.2471 acres) contiguous area
1	Present and either comprises small part of wetland's vegetation and is of moderate quality, or comprises a significant part but is of low quality
2	Present and either comprises significant part of wetland's vegetation and is of moderate quality or comprises a small part and is of high quality
3	Present and comprises significant part, or more, of wetland's vegetation and is of high quality

Narrative Description of Vegetation Quality

low	Low spp diversity and/or predominance of nonnative or disturbance tolerant native species
moderate	Native spp are dominant component of the vegetation, although nonnative and/or disturbance tolerant native spp can also be present, and species diversity moderate to moderately high, but generally w/o presence of rare threatened or endangered spp
high	A predominance of native species, with nonnative spp and/or disturbance tolerant native spp absent or virtually absent, and high spp diversity and often, but not always, the presence of rare, threatened, or endangered spp

Mudflat and Open Water Class Quality

0	Absent <0.1 ha (0.2471 acres)
1	Low 0.1 ha to <1 ha (0.2471 acres to 2.47 acres)
2	Moderate 1 ha to <4 ha (2.47 acres 9.88 acres)
3	High 4 ha (9.88 acres) or more

Microtopography Cover Scale

0	Absent
1	Present very small amounts or if more common of marginal quality
2	Present in moderate amounts, but not of highest quality or in small amounts of highest quality
3	Present in moderate or greater amounts and of highest quality

36	**GRAND TOTAL (max 100 pts)**	Provisional Wetland Category:	modified 2

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Wolfpen Pleasant Hill Road	Date:	6-2-08
Applicant/Owner:	Clermont County TID	County:	Clermont
Investigator:	D. Bell & D. Vandewater	State:	Ohio
Do Normal Circumstances exist on the site?	☒Yes ☐No	Community ID:	PEM/PFO
Is the site significantly disturbed (Atypical Situation)?	☐Yes ☒No	Transect ID:	
Is the area a potential Problem Area?	☐Yes ☒No	Plot ID:	1
(If needed, explain on reverse.)			

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Acer saccharinum	T	FACW	9.		
2. Quercus palustris	T	FACW	10.		
3. Acer rubrum	T	FAC	11.		
4. Glyceria melicaria	H	OBL	12.		
5. Lonicera maackii	S	NI	13.		
6. Salix nigra	T	FACW+	14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 100%

Remarks: Greater than 50% hydrophytic dominants identified

HYDROLOGY

☒ Recorded Data (Describe in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:

Depth of Surface Water: _____(in.)

Depth to Free Water in Pit: _____(in.)

Depth to Saturated Soil: _____(in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 Inches
- ☒ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☐ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☒ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: No water in pit, but primary wetland hydrology characteristics observed.

SOILS

Map Unit Name (Series and Phase): Rossmoyne Silt Loam, 6 to 12 percent slopes, moderately eroded (RpC2)

Drainage Class: Mod Well Drained

Field Observations: Dry

Taxonomy (Subgroup): Aquic Fragindalfs

Confirm Mapped Type? ☐ Yes ☒ No

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/ Size/Contrast	Texture, Concretions, Structure, etc,
0-8	A	10YR 4/2	-	-	Silty Clay Loam
8-18	B	10YR 4/1	-	-	Silty Clay Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☐ Reducing Conditions
- ☒ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in Surface Layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☒ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: Match soil survey - partially hydric. Similar to Blanchester Series.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? ☒ Yes ☐ No (Check)

Wetland Hydrology Present? ☒ Yes ☐ No

Hydric Soils Present? ☒ Yes ☐ No

(Check)

Is this Sampling Point Within a Wetland? ☒ Yes ☐ No

Remarks: Small PEM/PFO wetland area

Approved by HQUSACE 3/92

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DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Wolfpen Pleasant Hill Road	Date:	6-2-08
Applicant/Owner:	Clermont County TID	County:	Clermont
Investigator:	D. Bell & D. Vandewater	State:	Ohio
Do Normal Circumstances exist on the site?	☒Yes ☐No	Community ID:	PEM/PFO
Is the site significantly disturbed (Atypical Situation)?	☐Yes ☒No	Transect ID:	
Is the area a potential Problem Area?	☐Yes ☒No	Plot ID:	2
(If needed, explain on reverse.)			

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Festuca rubra	H	FACU	9.		
2. Solidago spp.	H	NI	10.		
3. Parthenocissus quinquefolia	V	FACU	11.		
4. Acer rubrum	T	FAC	12.		
5. Lonicera maackii	S	NI	13.		
6. Acer negundo	T	FAC+	14.		
7. Toxicodendron radicans	H	FAC	15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 60%

Remarks: Greater than 50% hydrophytic dominants identified

HYDROLOGY

☒ Recorded Data (Describe in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:

Depth of Surface Water: _____ (in.)

Depth to Free Water in Pit: _____ (in.)

Depth to Saturated Soil: _____ (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 Inches
- ☐ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☐ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: No wetland hydrology characteristics observed.

SOILS

Map Unit Name (Series and Phase): Rossmoyne Silt Loam, 6 to 12 percent slopes, moderately eroded (RpC2)

Drainage Class: Mod Well Drained

Field Observations: Dry

Taxonomy (Subgroup): Aquic Fragindalfs

Confirm Mapped Type? ☐ Yes ☒ No

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/ Size/Contrast	Texture, Concretions, Structure, etc,
0-8	A	10YR 4/2	-	-	With Clay/Rock Fill
8-18	B	10YR 4/2	-	-	Sandy Loam (Poss. Fill)

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☐ Reducing Conditions
- ☐ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in Surface Layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: Does not Match soil survey that is listed as partially hydric.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	☒ Yes ☐ No (Check)		(Check)
Wetland Hydrology Present?	☐ Yes ☒ No		
Hydric Soils Present?	☐ Yes ☒ No	Is this Sampling Point Within a Wetland?	☐ Yes ☒ No

Remarks: Not a wetland area; sample point located outside of wetland area

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DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Wolfpen Pleasant Hill Road	Date:	6-2-08
Applicant/Owner:	Clermont County TID	County:	Clermont
Investigator:	D. Bell & D. Vandewater	State:	Ohio
Do Normal Circumstances exist on the site?	☒Yes ☐No	Community ID:	Drainageway 2
Is the site significantly disturbed (Atypical Situation)?	☐Yes ☒No	Transect ID:	
Is the area a potential Problem Area? (If needed, explain on reverse.)	☐Yes ☒No	Plot ID:	1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Cyperus strigosus	H	FACW	9.		
2. Eleocharis obtusa	H	OBL	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 100%

Remarks: Greater than 50% hydrophytic dominants identified

HYDROLOGY

☒ Recorded Data (Describe in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:

Depth of Surface Water: _____ (in.)

Depth to Free Water in Pit: 6 (in.)

Depth to Saturated Soil: 3 (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☒ Saturated in Upper 12 Inches
- ☐ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☐ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: Primary wetland hydrology characteristics observed.

SOILS

Map Unit Name (Series and Phase): Avonburg Silt Loam, 0 to 2 percent slopes (AvA

Drainage Class: Poorly/Moderately Well Drained

Field Observations: Dry

Taxonomy (Subgroup): Aeric Fragiaqualfs

Confirm Mapped Type? ☒Yes ☐ No

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/ Size/Contrast	Texture, Concretions, Structure, etc,
0-8	A	10YR 4/2	-	-	Silty Loam
8-18	B	10YR 5/3	10YR 5/8	25%/distinct	Silty Clay Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☐ Reducing Conditions
- ☒ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in Surface Layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: Upper 8 inches soil likely siltation from surface runoff of adjacent properties; however similar to AvA

WETLAND DETERMINATION

Hydrophytic Vegetation Present? ☒Yes ☐No (Check)

Wetland Hydrology Present? ☒Yes ☐No

Hydric Soils Present? ☒Yes ☐No

(Check)

Is this Sampling Point Within a Wetland? ☐Yes ☒No

Remarks: Per ODOT guidance on roadside ditches (TG-ECO-11-02), this area is not considered a wetland because it has not expanded beyond the confines of the drainage ditch.

Approved by HQUSACE 3/92

Forms version 1/02

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	Wolfpen Pleasant Hill Road	Date:	6-2-08
Applicant/Owner:	Clermont County TID	County:	Clermont
Investigator:	D. Bell & D. Vandewater	State:	Ohio
Do Normal Circumstances exist on the site?	☒Yes ☐No	Community ID:	Drainageway 2
Is the site significantly disturbed (Atypical Situation)?	☐Yes ☒No	Transect ID:	
Is the area a potential Problem Area? (If needed, explain on reverse.)	☐Yes ☒No	Plot ID:	2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Festuca rubra	H	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%

Remarks: Less than 50% hydrophytic dominants identified

HYDROLOGY

☒ Recorded Data (Describe in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:

Depth of Surface Water: _____(in.)

Depth to Free Water in Pit: _____(in.)

Depth to Saturated Soil: _____(in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 Inches
- ☐ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☐ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: No wetland hydrology characteristics observed.

SOILS

Map Unit Name (Series and Phase): Avonburg Silt Loam, 0 to 2 percent slopes (Ava)

Drainage Class: Poorly/Moderately Well Drained

Field Observations: Dry

Taxonomy (Subgroup): Aeric Fragiaqualfs

Confirm Mapped Type? ☐ Yes ☒ No

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/ Size/Contrast	Texture, Concretions, Structure, etc,
0-14	A	10YR 4/3	-	-	Silty Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☐ Reducing Conditions
- ☐ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in Surface Layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: Soil likely non-native or disturbed during previous road construction activities - no hydric soil indicators

WETLAND DETERMINATION

Hydrophytic Vegetation Present? ☐ Yes ☒ No (Check)

Wetland Hydrology Present? ☐ Yes ☒ No

Hydric Soils Present? ☐ Yes ☒ No

(Check)

Is this Sampling Point Within a Wetland? ☐ Yes ☒ No

Remarks: Not a wetland.

Approved by HQUSACE 3/92

Forms version 1/02

Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3) : 18

SITE NAME/LOCATION **Wolfpen Pleasant Hill Road - Drainage Way 2 (Southwest of Wolfpen Pleasant Hill Rd)**

SITE NUMBER _____ RIVER BASIN _____ DRAINAGE AREA (mi²) **0.01**

LENGTH OF STREAM REACH (ft) **200** LAT. **39.18980** LONG. **-84.23862** RIVER CODE _____ RIVER MILE _____

DATE **06/02/08** SCORER **DB** COMMENTS _____

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL MODIFICATIONS: ☐ NONE / NATURAL CHANNEL ☐ RECOVERED ☐ RECOVERING ☐ RECENT OR NO RECOVERY

1. SUBSTRATE (Estimate percent of every type of substrate present. Check *ONLY* two predominant substrate *TYPE* boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.

TYPE		PERCENT	TYPE		PERCENT
☐☐	BLDR SLABS [16 pts]	0%	☐☐	SILT [3 pt]	50%
☐☐	BOULDER (>256 mm) [16 pts]	0%	☐☐	LEAF PACK/WOODY DEBRIS [3 pts]	0%
☐☐	BEDROCK [16 pt]	0%	☐☐	FINE DETRITUS [3 pts]	0%
☐☐	COBBLE (65-256 mm) [12 pts]	0%	☐☐	CLAY or HARDPAN [0 pt]	0%
☐☐	GRAVEL (2-64 mm) [9 pts]	0%	☐☐	MUCK [0 pts]	0%
☐☐	SAND (<2 mm) [6 pts]	0%	☐☐	ARTIFICIAL [3 pts]	50%

Total of Percentages of Bldr Slabs, Boulder, Cobble, Bedrock **0.00%** (A) Substrate Percentage Check 100% (B)

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: 16 **TOTAL NUMBER OF SUBSTRATE TYPES: 2**

2. Maximum Pool Depth ***(Measure the maximum pool depth within the 61 meter (200 ft)*** evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check *ONLY* one box):

- ☐ > 30 centimeters [20 pts]
- ☐ > 22.5 - 30 cm [30 pts]
- ☐ > 10 - 22.5 cm [25 pts]
- ☐ > 5 cm - 10 cm [15 pts]
- ☐ < 5 cm [5 pts]
- ☐ NO WATER OR MOIST CHANNEL [0 pts]

COMMENTS _____ **MAXIMUM POOL DEPTH (centimeters):** _____

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check *ONLY* one box):

- ☐ > 4.0 meters (> 13') [30 pts]
- ☐ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]
- ☐ > 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]
- ☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts]
- ☐ ≤ 1.0 m (<=3' 3") [5 pts]

COMMENTS _____ **AVERAGE BANKFULL WIDTH (meters): 0.80**

HHEI Metric Points

Substrate Max = 40	18
A + B	
Pool Depth Max = 30	0
Bankfull Width Max=30	0

This information must also be completed

RIPARIAN ZONE AND FLOODPLAIN QUALITY ☆NOTE: River Left (L) and Right (R) as looking downstream☆

L R	RIPARIAN WIDTH (Per Bank)	L R	FLOODPLAIN QUALITY (Most Predominant per Bank)	L R	
☐☐	Wide >10m	☐☐	Mature Forest, Wetland	☐☐	Conservation Tillage
☐☐	Moderate 5-10m	☐☐	Immature Forest, Shrub or Old Field	☐☐	Urban or Industrial
☐☐	Narrow <5m	☐☐	Residential, Park, New Field	☐☐	Open Pasture, Row Crop
☐☐	None	☐☐	Fenced Pasture	☐☐	Mining or Construction

COMMENTS _____

FLOW REGIME *(At Time of Evaluation)* (Check *ONLY* one box):

- ☐ Stream Flowing
- ☐ Subsurface flow with isolated pools (Interstitial)
- ☐ Moist Channel, isolated pools, no flow (Intermittent)
- ☐ Dry channel, no water (Ephemeral)

COMMENTS _____

SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check *ONLY* one box):

- ☐ None
- ☐ 0.5
- ☐ 1.0
- ☐ 1.5
- ☐ 2.0
- ☐ 2.5
- ☐ 3.0
- ☐ >3

STREAM GRADIENT ESTIMATE

☐ Flat (0.5 ft/100 ft) ☐ Flat to Moderate ☐ Moderate (2 ft/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/100 ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):

QHEI PERFORMED? - ☐ Yes ☐ No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S)

☐ WWH Name: _____ Distance from Evaluated Stream _____

☐ CWH Name: _____ Distance from Evaluated Stream _____

☐ EWH Name: **East Fork Little Miami River** Distance from Evaluated Stream **3.70**

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION

USGS Quadrangle Name: **Goshen, Ohio** NRCS Soil Map Page: **7** NRCS Soil Map Stream Order _____

County: **Clermont** Township / City: **Miami Township**

MISCELLANEOUS

Base Flow Conditions? (Y/N): **Y** Date of last precipitation: **05/30/08** Quantity: **0.00**

Photograph Information: **See Attached Photolog**

Elevated Turbidity? (Y/N): **N** Canopy (% open): **100%**

Were samples collected for water chemistry? (Y/N): **N** (Note lab sample no. or id. and attach results) Lab Number: _____

Field Measures: Temp (°C) _____ Dissolved Oxygen (mg/l) _____ pH (S.U.) _____ Conductivity (µmhos/cm) _____

Is the sampling reach representative of the stream (Y/N) **Y** If not, please explain: _____

Additional comments/description of pollution impacts:

Channel contains much garbage

BIOTIC EVALUATION

Performed? (Y/N): **N** (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) **N** Voucher? (Y/N) **N** Salamanders Observed? (Y/N) **N** Voucher? (Y/N) **N**

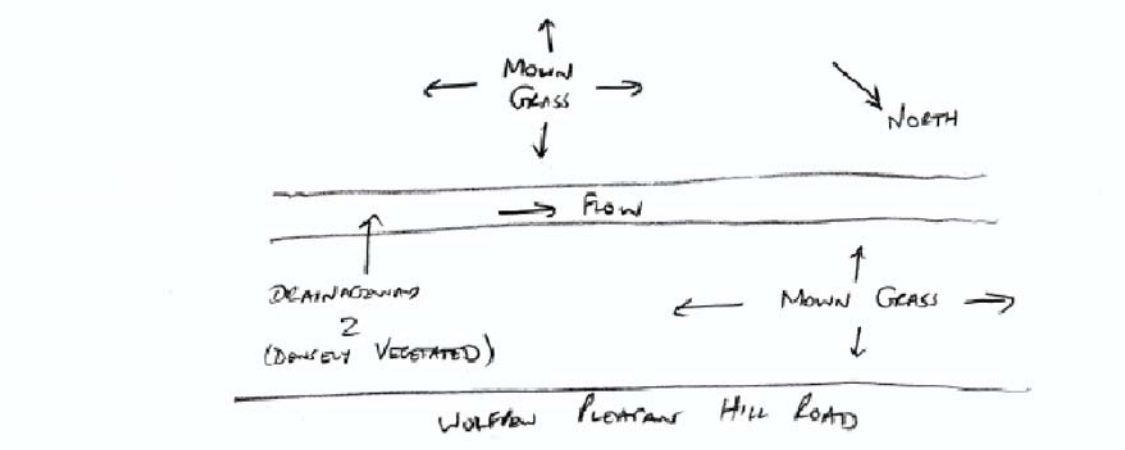
Frogs or Tadpoles Observed? (Y/N) **N** Voucher? (Y/N) **N** Aquatic Macroinvertebrates Observed? (Y/N) **N** Voucher? (Y/N) **N**

Comments Regarding Biology:

No biology observed

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):

Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location



Save as pdf

Reset Form

Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3) : 18

SITE NAME/LOCATION **Wolfpen Pleasant Hill Road - Drainage Way 2 (Southwest of Wolfpen Pleasant Hill Rd)**

SITE NUMBER ____ RIVER BASIN ____ DRAINAGE AREA (mi²) **0.01**

LENGTH OF STREAM REACH (ft) **200** LAT. **39.18980** LONG. **-84.23862** RIVER CODE ____ RIVER MILE ____

DATE **06/02/08** SCORER **DB** COMMENTS ____

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL MODIFICATIONS: ☐ NONE / NATURAL CHANNEL ☐ RECOVERED ☐ RECOVERING ☐ RECENT OR NO RECOVERY

1. SUBSTRATE (Estimate percent of every type of substrate present. Check *ONLY* two predominant substrate *TYPE* boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.

TYPE		PERCENT	TYPE		PERCENT
☐ ☐	BLDR SLABS [16 pts]	0%	☐ ☐	SILT [3 pt]	50%
☐ ☐	BOULDER (>256 mm) [16 pts]	0%	☐ ☐	LEAF PACK/WOODY DEBRIS [3 pts]	0%
☐ ☐	BEDROCK [16 pt]	0%	☐ ☐	FINE DETRITUS [3 pts]	0%
☐ ☐	COBBLE (65-256 mm) [12 pts]	0%	☐ ☐	CLAY or HARDPAN [0 pt]	0%
☐ ☐	GRAVEL (2-64 mm) [9 pts]	0%	☐ ☐	MUCK [0 pts]	0%
☐ ✓	SAND (<2 mm) [6 pts]	0%	✓ ☐	ARTIFICIAL [3 pts]	50%

Total of Percentages of Bldr Slabs, Boulder, Cobble, Bedrock **0.00%** (A) Substrate Percentage Check 100% (B)

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: 16 **TOTAL NUMBER OF SUBSTRATE TYPES: 2**

2. Maximum Pool Depth ***(Measure the maximum pool depth within the 61 meter (200 ft)*** evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check *ONLY* one box):

☐ > 30 centimeters [20 pts]
☐ > 22.5 - 30 cm [30 pts]
☐ > 10 - 22.5 cm [25 pts]
☐ > 5 cm - 10 cm [15 pts]
☐ < 5 cm [5 pts]
☐ NO WATER OR MOIST CHANNEL [0 pts]

COMMENTS ____ **MAXIMUM POOL DEPTH (centimeters):** ____

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check *ONLY* one box):

☐ > 4.0 meters (> 13') [30 pts]
☐ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]
☐ > 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]
☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts]
☐ ≤ 1.0 m (<=3' 3") [5 pts]

COMMENTS ____ **AVERAGE BANKFULL WIDTH (meters): 0.80**

HHEI Metric Points

Substrate Max = 40	18
A + B	
Pool Depth Max = 30	0
Bankfull Width Max=30	0

This information must also be completed

RIPARIAN ZONE AND FLOODPLAIN QUALITY ☆NOTE: River Left (L) and Right (R) as looking downstream☆

L R	RIPARIAN WIDTH (Per Bank)	L R	FLOODPLAIN QUALITY (Most Predominant per Bank)	L R	
☐ ☐	Wide >10m	☐ ☐	Mature Forest, Wetland	☐ ☐	Conservation Tillage
☐ ☐	Moderate 5-10m	☐ ☐	Immature Forest, Shrub or Old Field	☐ ☐	Urban or Industrial
☐ ☐	Narrow <5m	☐ ☐	Residential, Park, New Field	☐ ☐	Open Pasture, Row Crop
☐ ☐	None	☐ ☐	Fenced Pasture	☐ ☐	Mining or Construction

COMMENTS ____

FLOW REGIME *(At Time of Evaluation)* (Check *ONLY* one box):

☐ Stream Flowing
☐ Subsurface flow with isolated pools (Interstitial)
☐ Moist Channel, isolated pools, no flow (Intermittent)
☐ Dry channel, no water (Ephemeral)

COMMENTS ____

SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check *ONLY* one box):

☐ None ☐ 1.0 ☐ 2.0 ☐ 3.0
☐ 0.5 ☐ 1.5 ☐ 2.5 ☐ >3

STREAM GRADIENT ESTIMATE

☐ Flat (0.5 ft/100 ft) ☐ Flat to Moderate ☐ Moderate (2 ft/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/100 ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):

QHEI PERFORMED? - ☐ Yes ☐ No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S)

☐ WWH Name: _____ Distance from Evaluated Stream _____

☐ CWH Name: _____ Distance from Evaluated Stream _____

☐ EWH Name: **East Fork Little Miami River** Distance from Evaluated Stream **3.70**

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION

USGS Quadrangle Name: **Goshen, Ohio** NRCS Soil Map Page: **7** NRCS Soil Map Stream Order _____

County: **Clermont** Township / City: **Miami Township**

MISCELLANEOUS

Base Flow Conditions? (Y/N): **Yes** Date of last precipitation: **05/30/08** Quantity: **0.00**

Photograph Information: **See Attached Photolog**

Elevated Turbidity? (Y/N): **No** Canopy (% open): **100%**

Were samples collected for water chemistry? (Y/N): **No** (Note lab sample no. or id. and attach results) Lab Number: _____

Field Measures: Temp (°C) _____ Dissolved Oxygen (mg/l) _____ pH (S.U.) _____ Conductivity (µmhos/cm) _____

Is the sampling reach representative of the stream (Y/N) **Yes** If not, please explain: _____

Additional comments/description of pollution impacts:

Channel contains much garbage

BIOTIC EVALUATION

Performed? (Y/N): **No** (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) **No** Voucher? (Y/N) **No** Salamanders Observed? (Y/N) **No** Voucher? (Y/N) **No**

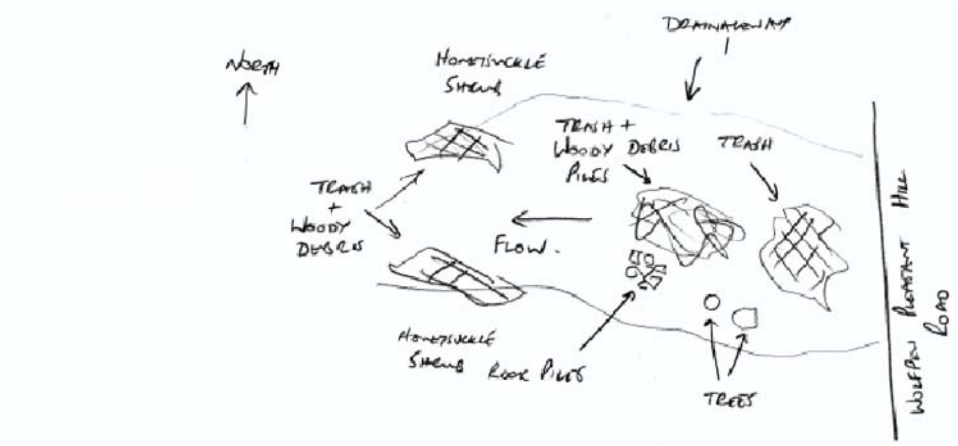
Frogs or Tadpoles Observed? (Y/N) **No** Voucher? (Y/N) **No** Aquatic Macroinvertebrates Observed? (Y/N) **No** Voucher? (Y/N) **No**

Comments Regarding Biology:

No biology observed

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):

Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location



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Reset Form

Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3) : 18

SITE NAME/LOCATION **Wolfpen Pleasant Hill Road - Drainage Way 2 (Southwest of Wolfpen Pleasant Hill Rd)**

SITE NUMBER _____ RIVER BASIN _____ DRAINAGE AREA (mi²) **0.01**

LENGTH OF STREAM REACH (ft) **200** LAT. **39.18980** LONG. **-84.23862** RIVER CODE _____ RIVER MILE _____

DATE **06/02/08** SCORER **DB** COMMENTS _____

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL MODIFICATIONS: ☐ NONE / NATURAL CHANNEL ☐ RECOVERED ☐ RECOVERING ☐ RECENT OR NO RECOVERY

1. SUBSTRATE (Estimate percent of every type of substrate present. Check *ONLY* two predominant substrate *TYPE* boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.

TYPE		PERCENT	TYPE		PERCENT
☐☐	BLDR SLABS [16 pts]	0%	☐☐	SILT [3 pt]	50%
☐☐	BOULDER (>256 mm) [16 pts]	0%	☐☐	LEAF PACK/WOODY DEBRIS [3 pts]	0%
☐☐	BEDROCK [16 pt]	0%	☐☐	FINE DETRITUS [3 pts]	0%
☐☐	COBBLE (65-256 mm) [12 pts]	0%	☐☐	CLAY or HARDPAN [0 pt]	0%
☐☐	GRAVEL (2-64 mm) [9 pts]	0%	☐☐	MUCK [0 pts]	0%
☐☐	SAND (<2 mm) [6 pts]	0%	☐☐	ARTIFICIAL [3 pts]	50%

Total of Percentages of Bldr Slabs, Boulder, Cobble, Bedrock **0.00%** (A) Substrate Percentage Check 100% (B)

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: 16 **TOTAL NUMBER OF SUBSTRATE TYPES: 2**

2. Maximum Pool Depth ***(Measure the maximum pool depth within the 61 meter (200 ft)*** evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check *ONLY* one box):

☐ > 30 centimeters [20 pts]
☐ > 22.5 - 30 cm [30 pts]
☐ > 10 - 22.5 cm [25 pts]
☐ > 5 cm - 10 cm [15 pts]
☐ < 5 cm [5 pts]
☐ NO WATER OR MOIST CHANNEL [0 pts]

COMMENTS _____ **MAXIMUM POOL DEPTH (centimeters):** _____

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check *ONLY* one box):

☐ > 4.0 meters (> 13') [30 pts]
☐ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]
☐ > 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]
☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts]
☐ ≤ 1.0 m (<=3' 3") [5 pts]

COMMENTS _____ **AVERAGE BANKFULL WIDTH (meters): 0.80**

HHEI Metric Points

Substrate Max = 40	18
A + B	
Pool Depth Max = 30	0
Bankfull Width Max=30	0

This information must also be completed

RIPARIAN ZONE AND FLOODPLAIN QUALITY ☆NOTE: River Left (L) and Right (R) as looking downstream☆

L R	RIPARIAN WIDTH (Per Bank)	L R	FLOODPLAIN QUALITY (Most Predominant per Bank)	L R	
☐☐	Wide >10m	☐☐	Mature Forest, Wetland	☐☐	Conservation Tillage
☐☐	Moderate 5-10m	☐☐	Immature Forest, Shrub or Old Field	☐☐	Urban or Industrial
☐☐	Narrow <5m	☐☐	Residential, Park, New Field	☐☐	Open Pasture, Row Crop
☐☐	None	☐☐	Fenced Pasture	☐☐	Mining or Construction

COMMENTS _____

FLOW REGIME *(At Time of Evaluation)* (Check *ONLY* one box):

☐ Stream Flowing
☐ Subsurface flow with isolated pools (Interstitial)
☐ Moist Channel, isolated pools, no flow (Intermittent)
☐ Dry channel, no water (Ephemeral)

COMMENTS _____

SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check *ONLY* one box):

☐ None ☐ 1.0 ☐ 2.0 ☐ 3.0
☐ 0.5 ☐ 1.5 ☐ 2.5 ☐ >3

STREAM GRADIENT ESTIMATE

☐ Flat (0.5 ft/100 ft) ☐ Flat to Moderate ☐ Moderate (2 ft/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/100 ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):

QHEI PERFORMED? - ☐ Yes ☐ No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S)

☐ WWH Name: _____ Distance from Evaluated Stream _____

☐ CWH Name: _____ Distance from Evaluated Stream _____

☐ EWH Name: **East Fork Little Miami River** Distance from Evaluated Stream **3.70**

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION

USGS Quadrangle Name: **Goshen, Ohio** NRCS Soil Map Page: **7** NRCS Soil Map Stream Order _____

County: **Clermont** Township / City: **Miami Township**

MISCELLANEOUS

Base Flow Conditions? (Y/N): **Yes** Date of last precipitation: **05/30/08** Quantity: **0.00**

Photograph Information: **See Attached Photolog**

Elevated Turbidity? (Y/N): **No** Canopy (% open): **100%**

Were samples collected for water chemistry? (Y/N): **No** (Note lab sample no. or id. and attach results) Lab Number: _____

Field Measures: Temp (°C) _____ Dissolved Oxygen (mg/l) _____ pH (S.U.) _____ Conductivity (µmhos/cm) _____

Is the sampling reach representative of the stream (Y/N) **Yes** If not, please explain: _____

Additional comments/description of pollution impacts:

Channel contains much garbage

BIOTIC EVALUATION

Performed? (Y/N): **No** (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) **No** Voucher? (Y/N) **No** Salamanders Observed? (Y/N) **No** Voucher? (Y/N) **No**

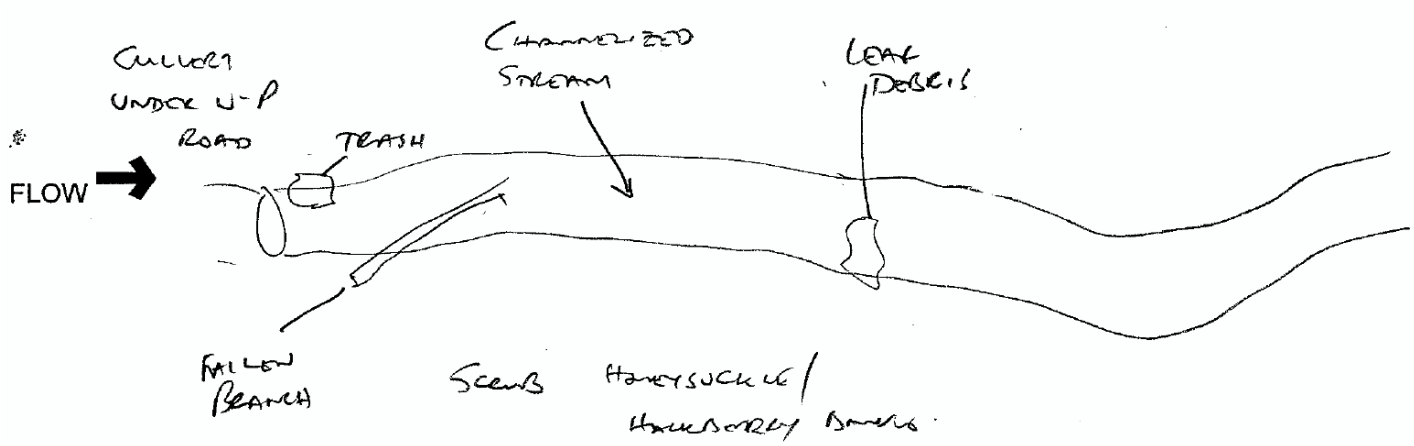
Frogs or Tadpoles Observed? (Y/N) **No** Voucher? (Y/N) **No** Aquatic Macroinvertebrates Observed? (Y/N) **No** Voucher? (Y/N) **No**

Comments Regarding Biology:

No biology observed

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):

Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location



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Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3) : 18

SITE NAME/LOCATION **Wolfpen Pleasant Hill Road - Drainage Way 2 (Southwest of Wolfpen Pleasant Hill Rd)**

SITE NUMBER ____ RIVER BASIN ____ DRAINAGE AREA (mi²) **0.01**

LENGTH OF STREAM REACH (ft) **200** LAT. **39.18980** LONG. **-84.23862** RIVER CODE ____ RIVER MILE ____

DATE **06/02/08** SCORER **DB** COMMENTS ____

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL MODIFICATIONS: ☐ NONE / NATURAL CHANNEL ☐ RECOVERED ☐ RECOVERING ☐ RECENT OR NO RECOVERY

1. SUBSTRATE (Estimate percent of every type of substrate present. Check *ONLY* two predominant substrate *TYPE* boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.

TYPE		PERCENT	TYPE		PERCENT
☐☐	BLDR SLABS [16 pts]	0%	☐☐	SILT [3 pt]	50%
☐☐	BOULDER (>256 mm) [16 pts]	0%	☐☐	LEAF PACK/WOODY DEBRIS [3 pts]	0%
☐☐	BEDROCK [16 pt]	0%	☐☐	FINE DETRITUS [3 pts]	0%
☐☐	COBBLE (65-256 mm) [12 pts]	0%	☐☐	CLAY or HARDPAN [0 pt]	0%
☐☐	GRAVEL (2-64 mm) [9 pts]	0%	☐☐	MUCK [0 pts]	0%
☐☐	SAND (<2 mm) [6 pts]	0%	☐☐	ARTIFICIAL [3 pts]	50%

Total of Percentages of Bldr Slabs, Boulder, Cobble, Bedrock **0.00%** (A) Substrate Percentage Check 100% (B)

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: 16 **TOTAL NUMBER OF SUBSTRATE TYPES: 2**

2. Maximum Pool Depth ***(Measure the maximum pool depth within the 61 meter (200 ft)*** evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check *ONLY* one box):

☐ > 30 centimeters [20 pts]
☐ > 22.5 - 30 cm [30 pts]
☐ > 10 - 22.5 cm [25 pts]
☐ > 5 cm - 10 cm [15 pts]
☐ < 5 cm [5 pts]
☐ NO WATER OR MOIST CHANNEL [0 pts]

COMMENTS ____ **MAXIMUM POOL DEPTH (centimeters):** ____

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check *ONLY* one box):

☐ > 4.0 meters (> 13') [30 pts]
☐ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]
☐ > 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]
☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts]
☐ ≤ 1.0 m (<=3' 3") [5 pts]

COMMENTS ____ **AVERAGE BANKFULL WIDTH (meters): 0.80**

HHEI Metric Points

Substrate Max = 40	18
A + B	
Pool Depth Max = 30	0
Bankfull Width Max=30	0

This information must also be completed

RIPARIAN ZONE AND FLOODPLAIN QUALITY ☆NOTE: River Left (L) and Right (R) as looking downstream☆

L R	RIPARIAN WIDTH (Per Bank)	L R	FLOODPLAIN QUALITY (Most Predominant per Bank)	L R	
☐☐	Wide >10m	☐☐	Mature Forest, Wetland	☐☐	Conservation Tillage
☐☐	Moderate 5-10m	☐☐	Immature Forest, Shrub or Old Field	☐☐	Urban or Industrial
☐☐	Narrow <5m	☐☐	Residential, Park, New Field	☐☐	Open Pasture, Row Crop
☐☐	None	☐☐	Fenced Pasture	☐☐	Mining or Construction

COMMENTS ____

FLOW REGIME *(At Time of Evaluation)* (Check *ONLY* one box):

☐ Stream Flowing
☐ Subsurface flow with isolated pools (Interstitial)
☐ Moist Channel, isolated pools, no flow (Intermittent)
☐ Dry channel, no water (Ephemeral)

COMMENTS ____

SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check *ONLY* one box):

☐ None ☐ 1.0 ☐ 2.0 ☐ 3.0
☐ 0.5 ☐ 1.5 ☐ 2.5 ☐ >3

STREAM GRADIENT ESTIMATE

☐ Flat (0.5 ft/100 ft) ☐ Flat to Moderate ☐ Moderate (2 ft/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/100 ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):

QHEI PERFORMED? - ☐ Yes ☐ No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S)

☐ WWH Name: _____ Distance from Evaluated Stream _____

☐ CWH Name: _____ Distance from Evaluated Stream _____

☐ EWH Name: **East Fork Little Miami River** Distance from Evaluated Stream **3.70**

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION

USGS Quadrangle Name: **Goshen, Ohio** NRCS Soil Map Page: **7** NRCS Soil Map Stream Order _____

County: **Clermont** Township / City: **Miami Township**

MISCELLANEOUS

Base Flow Conditions? (Y/N): **Yes** Date of last precipitation: **05/30/08** Quantity: **0.00**

Photograph Information: **See Attached Photolog**

Elevated Turbidity? (Y/N): **No** Canopy (% open): **100%**

Were samples collected for water chemistry? (Y/N): **No** (Note lab sample no. or id. and attach results) Lab Number: _____

Field Measures: Temp (°C) _____ Dissolved Oxygen (mg/l) _____ pH (S.U.) _____ Conductivity (µmhos/cm) _____

Is the sampling reach representative of the stream (Y/N) **Yes** If not, please explain: _____

Additional comments/description of pollution impacts:

Channel contains much garbage

BIOTIC EVALUATION

Performed? (Y/N): **No** (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) **No** Voucher? (Y/N) **No** Salamanders Observed? (Y/N) **No** Voucher? (Y/N) **No**

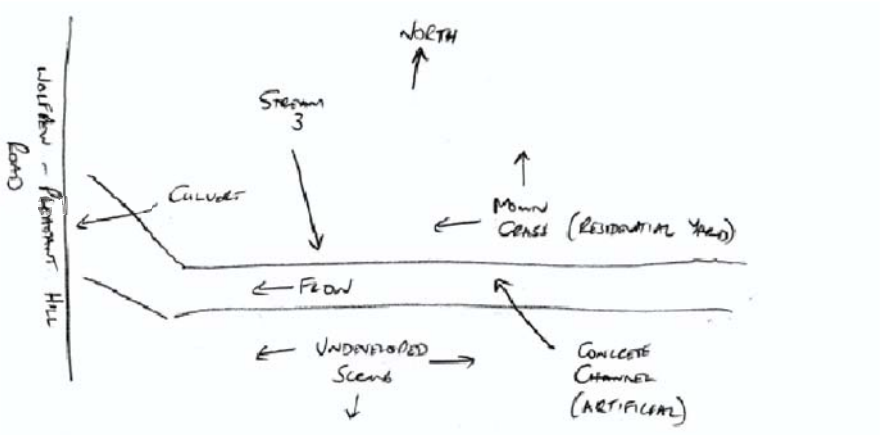
Frogs or Tadpoles Observed? (Y/N) **No** Voucher? (Y/N) **No** Aquatic Macroinvertebrates Observed? (Y/N) **No** Voucher? (Y/N) **No**

Comments Regarding Biology:

No biology observed

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):

Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location



Save as pdf

Reset Form

Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3) : 18

SITE NAME/LOCATION **Wolfpen Pleasant Hill Road - Drainage Way 2 (Southwest of Wolfpen Pleasant Hill Rd)**

SITE NUMBER _____ RIVER BASIN _____ DRAINAGE AREA (mi²) **0.01**

LENGTH OF STREAM REACH (ft) **200** LAT. **39.18980** LONG. **-84.23862** RIVER CODE _____ RIVER MILE _____

DATE **06/02/08** SCORER **DB** COMMENTS _____

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL MODIFICATIONS: ☐ NONE / NATURAL CHANNEL ☐ RECOVERED ☐ RECOVERING ☐ RECENT OR NO RECOVERY

1. SUBSTRATE (Estimate percent of every type of substrate present. Check *ONLY* two predominant substrate *TYPE* boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.

TYPE		PERCENT	TYPE		PERCENT
☐☐	BLDR SLABS [16 pts]	0%	☐☐	SILT [3 pt]	50%
☐☐	BOULDER (>256 mm) [16 pts]	0%	☐☐	LEAF PACK/WOODY DEBRIS [3 pts]	0%
☐☐	BEDROCK [16 pt]	0%	☐☐	FINE DETRITUS [3 pts]	0%
☐☐	COBBLE (65-256 mm) [12 pts]	0%	☐☐	CLAY or HARDPAN [0 pt]	0%
☐☐	GRAVEL (2-64 mm) [9 pts]	0%	☐☐	MUCK [0 pts]	0%
☐☐	SAND (<2 mm) [6 pts]	0%	☐☐	ARTIFICIAL [3 pts]	50%

Total of Percentages of Bldr Slabs, Boulder, Cobble, Bedrock **0.00%** (A) Substrate Percentage Check 100% (B)

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: 16 **TOTAL NUMBER OF SUBSTRATE TYPES: 2**

2. Maximum Pool Depth ***(Measure the maximum pool depth within the 61 meter (200 ft)*** evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check *ONLY* one box):

☐ > 30 centimeters [20 pts]
☐ > 22.5 - 30 cm [30 pts]
☐ > 10 - 22.5 cm [25 pts]
☐ > 5 cm - 10 cm [15 pts]
☐ < 5 cm [5 pts]
☐ NO WATER OR MOIST CHANNEL [0 pts]

COMMENTS _____ **MAXIMUM POOL DEPTH (centimeters):** _____

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check *ONLY* one box):

☐ > 4.0 meters (> 13') [30 pts]
☐ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]
☐ > 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]
☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts]
☐ ≤ 1.0 m (<=3' 3") [5 pts]

COMMENTS _____ **AVERAGE BANKFULL WIDTH (meters): 0.80**

HHEI Metric Points

Substrate Max = 40	18
A + B	
Pool Depth Max = 30	0
Bankfull Width Max=30	0

This information must also be completed

RIPARIAN ZONE AND FLOODPLAIN QUALITY ☆NOTE: River Left (L) and Right (R) as looking downstream☆

L R	RIPARIAN WIDTH (Per Bank)	L R	FLOODPLAIN QUALITY (Most Predominant per Bank)	L R	
☐☐	Wide >10m	☐☐	Mature Forest, Wetland	☐☐	Conservation Tillage
☐☐	Moderate 5-10m	☐☐	Immature Forest, Shrub or Old Field	☐☐	Urban or Industrial
☐☐	Narrow <5m	☐☐	Residential, Park, New Field	☐☐	Open Pasture, Row Crop
☐☐	None	☐☐	Fenced Pasture	☐☐	Mining or Construction

COMMENTS _____

FLOW REGIME *(At Time of Evaluation)* (Check *ONLY* one box):

☐ Stream Flowing
☐ Subsurface flow with isolated pools (Interstitial)
☐ Moist Channel, isolated pools, no flow (Intermittent)
☐ Dry channel, no water (Ephemeral)

COMMENTS _____

SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check *ONLY* one box):

☐ None ☐ 1.0 ☐ 2.0 ☐ 3.0
☐ 0.5 ☐ 1.5 ☐ 2.5 ☐ >3

STREAM GRADIENT ESTIMATE

☐ Flat (0.5 ft/100 ft) ☐ Flat to Moderate ☐ Moderate (2 ft/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/100 ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):

QHEI PERFORMED? - ☐ Yes ☐ No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S)

☐ WWH Name: _____ Distance from Evaluated Stream _____

☐ CWH Name: _____ Distance from Evaluated Stream _____

☐ EWH Name: **East Fork Little Miami River** Distance from Evaluated Stream **3.70**

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION

USGS Quadrangle Name: **Goshen, Ohio** NRCS Soil Map Page: **7** NRCS Soil Map Stream Order _____

County: **Clermont** Township / City: **Miami Township**

MISCELLANEOUS

Base Flow Conditions? (Y/N): **Yes** Date of last precipitation: **05/30/08** Quantity: **0.00**

Photograph Information: **See Attached Photolog**

Elevated Turbidity? (Y/N): **No** Canopy (% open): **100%**

Were samples collected for water chemistry? (Y/N): **No** (Note lab sample no. or id. and attach results) Lab Number: _____

Field Measures: Temp (°C) _____ Dissolved Oxygen (mg/l) _____ pH (S.U.) _____ Conductivity (µmhos/cm) _____

Is the sampling reach representative of the stream (Y/N) **Yes** If not, please explain: _____

Additional comments/description of pollution impacts:

Channel contains much garbage

BIOTIC EVALUATION

Performed? (Y/N): **No** (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) **No** Voucher? (Y/N) **No** Salamanders Observed? (Y/N) **No** Voucher? (Y/N) **No**

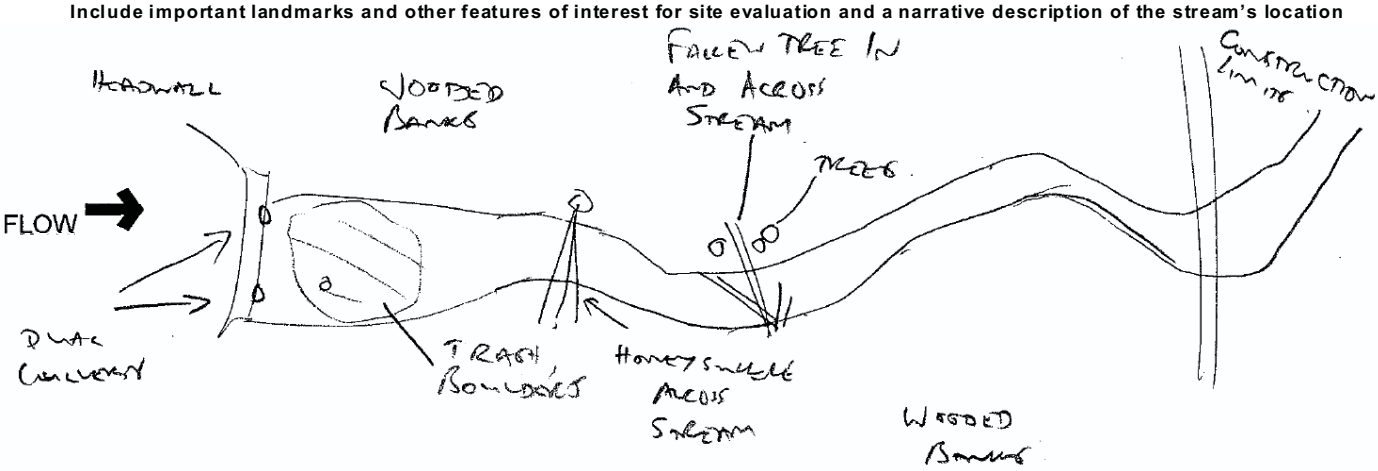
Frogs or Tadpoles Observed? (Y/N) **No** Voucher? (Y/N) **No** Aquatic Macroinvertebrates Observed? (Y/N) **No** Voucher? (Y/N) **No**

Comments Regarding Biology:

No biology observed

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):

Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location



Save as pdf Reset Form

Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3) : 18

SITE NAME/LOCATION **Wolfpen Pleasant Hill Road - Drainage Way 2 (Southwest of Wolfpen Pleasant Hill Rd)**

SITE NUMBER _____ RIVER BASIN _____ DRAINAGE AREA (mi²) **0.01**

LENGTH OF STREAM REACH (ft) **200** LAT. **39.18980** LONG. **-84.23862** RIVER CODE _____ RIVER MILE _____

DATE **06/02/08** SCORER **DB** COMMENTS _____

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL MODIFICATIONS: ☐ NONE / NATURAL CHANNEL ☐ RECOVERED ☐ RECOVERING ☐ RECENT OR NO RECOVERY

1. SUBSTRATE (Estimate percent of every type of substrate present. Check *ONLY* two predominant substrate *TYPE* boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.

TYPE		PERCENT	TYPE		PERCENT
☐☐	BLDR SLABS [16 pts]	0%	☐☐	SILT [3 pt]	50%
☐☐	BOULDER (>256 mm) [16 pts]	0%	☐☐	LEAF PACK/WOODY DEBRIS [3 pts]	0%
☐☐	BEDROCK [16 pt]	0%	☐☐	FINE DETRITUS [3 pts]	0%
☐☐	COBBLE (65-256 mm) [12 pts]	0%	☐☐	CLAY or HARDPAN [0 pt]	0%
☐☐	GRAVEL (2-64 mm) [9 pts]	0%	☐☐	MUCK [0 pts]	0%
☐☐	SAND (<2 mm) [6 pts]	0%	☐☐	ARTIFICIAL [3 pts]	50%

Total of Percentages of Bldr Slabs, Boulder, Cobble, Bedrock **0.00%** (A) Substrate Percentage Check 100% (B)

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: 16 **TOTAL NUMBER OF SUBSTRATE TYPES: 2**

2. Maximum Pool Depth *(Measure the maximum pool depth within the 61 meter (200 ft)* evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check *ONLY* one box):

☐ > 30 centimeters [20 pts]
☐ > 22.5 - 30 cm [30 pts]
☐ > 10 - 22.5 cm [25 pts]
☐ > 5 cm - 10 cm [15 pts]
☐ < 5 cm [5 pts]
☐ NO WATER OR MOIST CHANNEL [0 pts]

COMMENTS _____ **MAXIMUM POOL DEPTH (centimeters):** _____

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check *ONLY* one box):

☐ > 4.0 meters (> 13') [30 pts]
☐ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]
☐ > 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]
☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts]
☐ ≤ 1.0 m (<=3' 3") [5 pts]

COMMENTS _____ **AVERAGE BANKFULL WIDTH (meters): 0.80**

HHEI Metric Points

Substrate Max = 40	18
A + B	
Pool Depth Max = 30	0
Bankfull Width Max=30	0

This information must also be completed

RIPARIAN ZONE AND FLOODPLAIN QUALITY ☆NOTE: River Left (L) and Right (R) as looking downstream☆

L R	RIPARIAN WIDTH (Per Bank)	L R	FLOODPLAIN QUALITY (Most Predominant per Bank)	L R	
☐☐	Wide >10m	☐☐	Mature Forest, Wetland	☐☐	Conservation Tillage
☐☐	Moderate 5-10m	☐☐	Immature Forest, Shrub or Old Field	☐☐	Urban or Industrial
☐☐	Narrow <5m	☐☐	Residential, Park, New Field	☐☐	Open Pasture, Row Crop
☐☐	None	☐☐	Fenced Pasture	☐☐	Mining or Construction

COMMENTS _____

FLOW REGIME *(At Time of Evaluation)* (Check *ONLY* one box):

☐ Stream Flowing
☐ Subsurface flow with isolated pools (Interstitial)
☐ Moist Channel, isolated pools, no flow (Intermittent)
☐ Dry channel, no water (Ephemeral)

COMMENTS _____

SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check *ONLY* one box):

☐ None ☐ 1.0 ☐ 2.0 ☐ 3.0
☐ 0.5 ☐ 1.5 ☐ 2.5 ☐ >3

STREAM GRADIENT ESTIMATE

☐ Flat (0.5 ft/100 ft) ☐ Flat to Moderate ☐ Moderate (2 ft/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/100 ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):

QHEI PERFORMED? - ☐ Yes ☐ No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S)

☐ WWH Name: _____ Distance from Evaluated Stream _____

☐ CWH Name: _____ Distance from Evaluated Stream _____

☐ EWH Name: **East Fork Little Miami River** Distance from Evaluated Stream **3.70**

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION

USGS Quadrangle Name: **Goshen, Ohio** NRCS Soil Map Page: **7** NRCS Soil Map Stream Order _____

County: **Clermont** Township / City: **Miami Township**

MISCELLANEOUS

Base Flow Conditions? (Y/N): **Yes** Date of last precipitation: **05/30/08** Quantity: **0.00**

Photograph Information: **See Attached Photolog**

Elevated Turbidity? (Y/N): **No** Canopy (% open): **100%**

Were samples collected for water chemistry? (Y/N): **No** (Note lab sample no. or id. and attach results) Lab Number: _____

Field Measures: Temp (°C) _____ Dissolved Oxygen (mg/l) _____ pH (S.U.) _____ Conductivity (µmhos/cm) _____

Is the sampling reach representative of the stream (Y/N) **Yes** If not, please explain: _____

Additional comments/description of pollution impacts:

Channel contains much garbage

BIOTIC EVALUATION

Performed? (Y/N): **No** (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) **No** Voucher? (Y/N) **No** Salamanders Observed? (Y/N) **No** Voucher? (Y/N) **No**

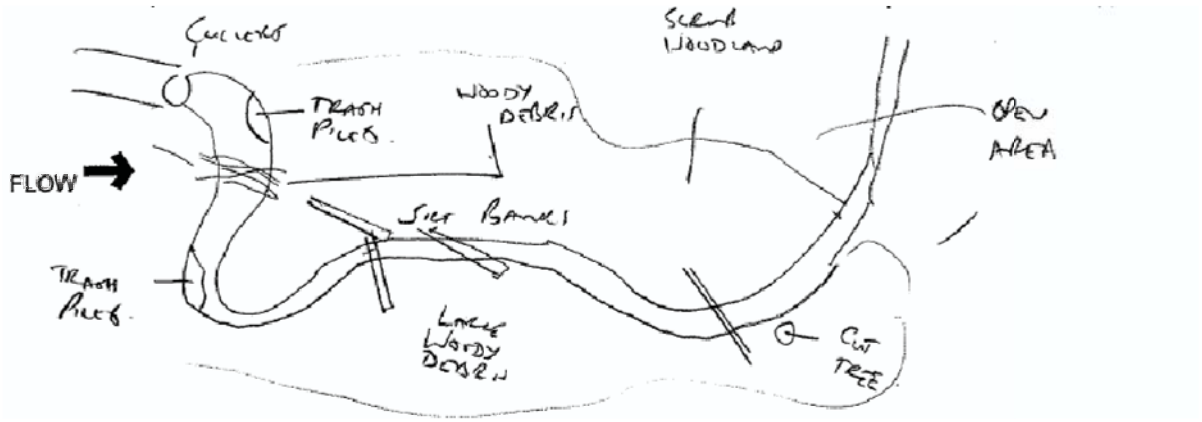
Frogs or Tadpoles Observed? (Y/N) **No** Voucher? (Y/N) **No** Aquatic Macroinvertebrates Observed? (Y/N) **No** Voucher? (Y/N) **No**

Comments Regarding Biology:

No biology observed

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):

Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location



Save as pdf Reset Form

Primary Headwater Habitat Evaluation Form

HHEI Score (sum of metrics 1, 2, 3) : 18

SITE NAME/LOCATION **Wolfpen Pleasant Hill Road - Drainage Way 2 (Southwest of Wolfpen Pleasant Hill Rd)**

SITE NUMBER _____ RIVER BASIN _____ DRAINAGE AREA (mi²) **0.01**

LENGTH OF STREAM REACH (ft) **200** LAT. **39.18980** LONG. **-84.23862** RIVER CODE _____ RIVER MILE _____

DATE **06/02/08** SCORER **DB** COMMENTS _____

NOTE: Complete All Items On This Form - Refer to "Field Evaluation Manual for Ohio's PHWH Streams" for Instructions

STREAM CHANNEL MODIFICATIONS: ☐ NONE / NATURAL CHANNEL ☐ RECOVERED ☐ RECOVERING ☐ RECENT OR NO RECOVERY

1. SUBSTRATE (Estimate percent of every type of substrate present. Check *ONLY* two predominant substrate *TYPE* boxes (Max of 32). Add total number of significant substrate types found (Max of 8). Final metric score is sum of boxes A & B.

TYPE		PERCENT	TYPE		PERCENT
☐☐	BLDR SLABS [16 pts]	0%	☐☐	SILT [3 pt]	50%
☐☐	BOULDER (>256 mm) [16 pts]	0%	☐☐	LEAF PACK/WOODY DEBRIS [3 pts]	0%
☐☐	BEDROCK [16 pt]	0%	☐☐	FINE DETRITUS [3 pts]	0%
☐☐	COBBLE (65-256 mm) [12 pts]	0%	☐☐	CLAY or HARDPAN [0 pt]	0%
☐☐	GRAVEL (2-64 mm) [9 pts]	0%	☐☐	MUCK [0 pts]	0%
☐☐	SAND (<2 mm) [6 pts]	0%	☐☐	ARTIFICIAL [3 pts]	50%

Total of Percentages of Bldr Slabs, Boulder, Cobble, Bedrock **0.00%** (A) Substrate Percentage Check 100% (B)

SCORE OF TWO MOST PREDOMINATE SUBSTRATE TYPES: 16 **TOTAL NUMBER OF SUBSTRATE TYPES: 2**

2. Maximum Pool Depth ***(Measure the maximum pool depth within the 61 meter (200 ft)*** evaluation reach at the time of evaluation. Avoid plunge pools from road culverts or storm water pipes) (Check *ONLY* one box):

☐ > 30 centimeters [20 pts]
☐ > 22.5 - 30 cm [30 pts]
☐ > 10 - 22.5 cm [25 pts]
☐ > 5 cm - 10 cm [15 pts]
☐ < 5 cm [5 pts]
☐ NO WATER OR MOIST CHANNEL [0 pts]

COMMENTS _____ **MAXIMUM POOL DEPTH (centimeters):** _____

3. BANK FULL WIDTH (Measured as the average of 3-4 measurements) (Check *ONLY* one box):

☐ > 4.0 meters (> 13') [30 pts]
☐ > 3.0 m - 4.0 m (> 9' 7" - 13') [25 pts]
☐ > 1.5 m - 3.0 m (> 9' 7" - 4' 8") [20 pts]
☐ > 1.0 m - 1.5 m (> 3' 3" - 4' 8") [15 pts]
☐ ≤ 1.0 m (<=3' 3") [5 pts]

COMMENTS _____ **AVERAGE BANKFULL WIDTH (meters): 0.80**

HHEI Metric Points

Substrate Max = 40	18
A + B	
Pool Depth Max = 30	0
Bankfull Width Max=30	0

This information must also be completed

RIPARIAN ZONE AND FLOODPLAIN QUALITY ☆NOTE: River Left (L) and Right (R) as looking downstream☆

L R	RIPARIAN WIDTH (Per Bank)	L R	FLOODPLAIN QUALITY (Most Predominant per Bank)	L R	
☐☐	Wide >10m	☐☐	Mature Forest, Wetland	☐☐	Conservation Tillage
☐☐	Moderate 5-10m	☐☐	Immature Forest, Shrub or Old Field	☐☐	Urban or Industrial
☐☐	Narrow <5m	☐☐	Residential, Park, New Field	☐☐	Open Pasture, Row Crop
☐☐	None	☐☐	Fenced Pasture	☐☐	Mining or Construction

COMMENTS _____

FLOW REGIME *(At Time of Evaluation)* (Check *ONLY* one box):

☐ Stream Flowing
☐ Subsurface flow with isolated pools (Interstitial)
☐ Moist Channel, isolated pools, no flow (Intermittent)
☐ Dry channel, no water (Ephemeral)

COMMENTS _____

SINUOSITY (Number of bends per 61 m (200 ft) of channel) (Check *ONLY* one box):

☐ None ☐ 1.0 ☐ 2.0 ☐ 3.0
☐ 0.5 ☐ 1.5 ☐ 2.5 ☐ >3

STREAM GRADIENT ESTIMATE

☐ Flat (0.5 ft/100 ft) ☐ Flat to Moderate ☐ Moderate (2 ft/100 ft) ☐ Moderate to Severe ☐ Severe (10 ft/100 ft)

ADDITIONAL STREAM INFORMATION (This Information Must Also be Completed):

QHEI PERFORMED? - ☐ Yes ☐ No QHEI Score _____ (If Yes, Attach Completed QHEI Form)

DOWNSTREAM DESIGNATED USE(S)

☐ WWH Name: _____ Distance from Evaluated Stream _____

☐ CWH Name: _____ Distance from Evaluated Stream _____

☐ EWH Name: **East Fork Little Miami River** Distance from Evaluated Stream **3.70**

MAPPING: ATTACH COPIES OF MAPS, INCLUDING THE ENTIRE WATERSHED AREA. CLEARLY MARK THE SITE LOCATION

USGS Quadrangle Name: **Goshen, Ohio** NRCS Soil Map Page: **7** NRCS Soil Map Stream Order _____

County: **Clermont** Township / City: **Miami Township**

MISCELLANEOUS

Base Flow Conditions? (Y/N): **Yes** Date of last precipitation: **05/30/08** Quantity: **0.00**

Photograph Information: **See Attached Photolog**

Elevated Turbidity? (Y/N): **No** Canopy (% open): **100%**

Were samples collected for water chemistry? (Y/N): **No** (Note lab sample no. or id. and attach results) Lab Number: _____

Field Measures: Temp (°C) _____ Dissolved Oxygen (mg/l) _____ pH (S.U.) _____ Conductivity (µmhos/cm) _____

Is the sampling reach representative of the stream (Y/N) **Yes** If not, please explain: _____

Additional comments/description of pollution impacts:

Channel contains much garbage

BIOTIC EVALUATION

Performed? (Y/N): **No** (If Yes, Record all observations. Voucher collections optional. NOTE: all voucher samples must be labeled with the site ID number. Include appropriate field data sheets from the Primary Headwater Habitat Assessment Manual)

Fish Observed? (Y/N) **No** Voucher? (Y/N) **No** Salamanders Observed? (Y/N) **No** Voucher? (Y/N) **No**

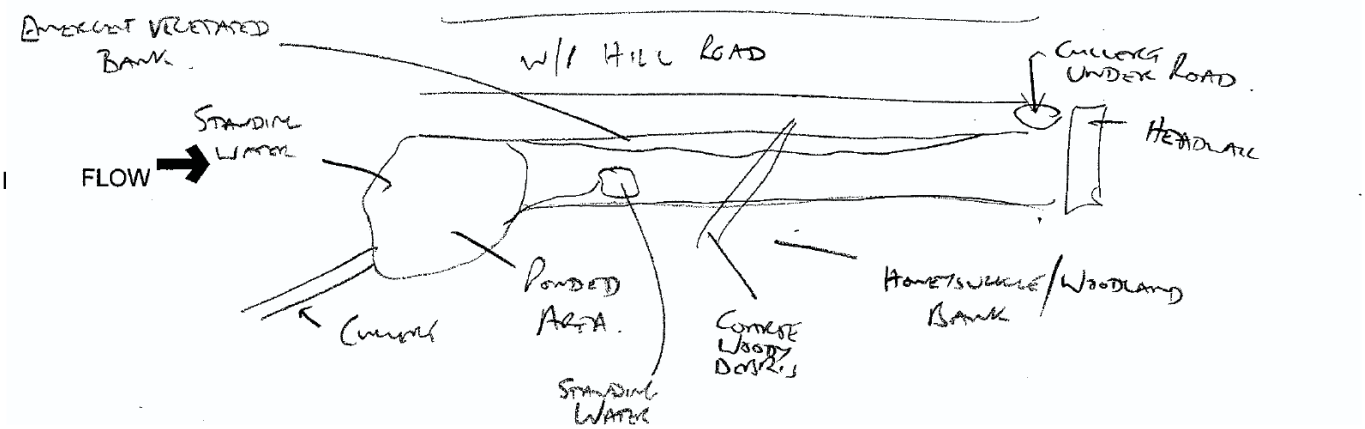
Frogs or Tadpoles Observed? (Y/N) **No** Voucher? (Y/N) **No** Aquatic Macroinvertebrates Observed? (Y/N) **No** Voucher? (Y/N) **No**

Comments Regarding Biology:

No biology observed

DRAWING AND NARRATIVE DESCRIPTION OF STREAM REACH (This must be completed):

Include important landmarks and other features of interest for site evaluation and a narrative description of the stream's location



Save as pdf Reset Form

Preliminary Project Plan Sheets

Photo 1
Photo 2
North
NN
Ex R/W
12" CPP
18" RCP
30" RCP
18" CPP
12" CONC WALL
INV. 15" CMP
W/4" ORIFICE = 874.05
INV. 12" RCP
4" ORIFICE = 874.46
INV. 12" CPP = 872.26
INV. 15" CPP = 872.22
INV. 15" CPP = 873.71
INV. 4" CPP = 877.79
INV. 4" CPP = 878.15
FRENCH DRAIN
(FULL)
4" PVC
10" PVC
N 5° 57' 45"
POT STA. 18+25.13
POT STA. 133+50.00
132
133
134
135
136
137
138
139

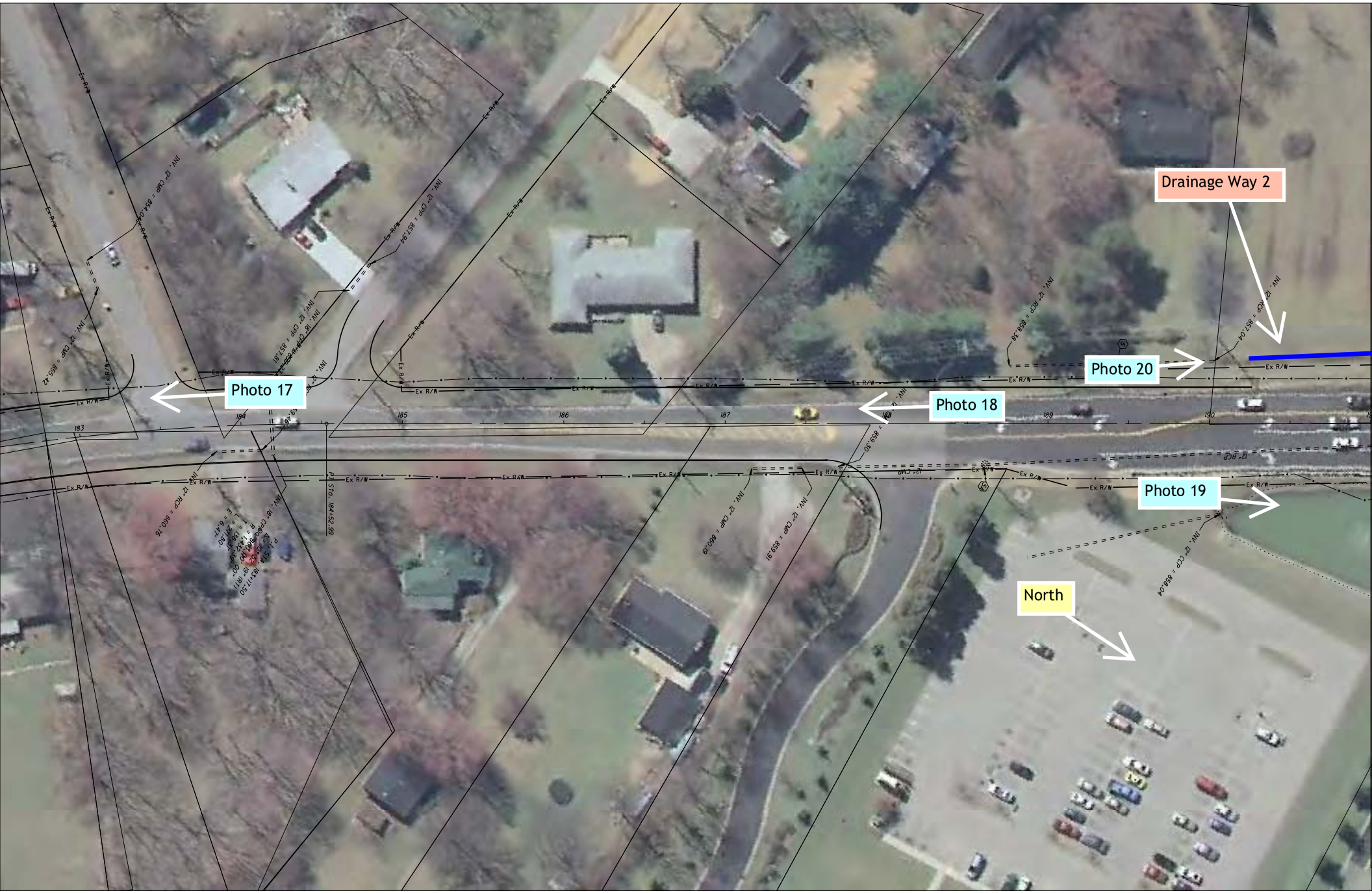
Stream 1
Stream 2
Photo 3
Photo 4
Photo 5
Photo 6
Photo 7
Photo 8
North
Using 3:1
Using 2:1
Using 3:1
Using 2:1
Using 3:1
Using 2:1
Ex R/W
N 6° 42' 23" E
141
142
143
144
145
146
147
148
INV. 36" CMP = 852.17
INV. 18" CPP = 852.14
INV. 36" CMP = 853.45
INV. 18" CMP = 853.62
INV. 12" RCP = 853.02
INV. 12" CMP = 866.19
INV. 12" CMP = 867.75
INV. 6" CPP = 869.32
INV. 6" CPP = 869.98
INV. 12" CMP = 861.28
INV. 12" CMP = 861.05
INV. 24" CMP = 857.35
WALL
36" RCP

Angle point in cl at Elmchris Lot 1
2.95' differnece between r/w take
P.O.B.'s and parcels P.O.B.'s
North
8" CONC. WALL
INV. 12" RCP = 870.32
8" CONC. WALL
INV. 12" RCP = 870.44
INV. 8" CPP = 869.97
INV. 15" CPP = 870.00
INV. 15" CPP = 869.20
INV. 15" CMP = 868.52
30" CPP
INV. 12" CMP = 868.89
INV. 12" CMP = 868.90
INV. 12" CMP = 868.71
INV. 12" CMP = 866.10
Ex R/W
156
155
154
153
152
151
150
149
Using 3:1

INV. 18" CPP = 869.29
INV. 18" CPP = 869.51
INV. 12" CPP = 869.38
INV. 18" CPP = 869.62
INV. 12" CPP = 869.82
INV. 12" CMP = 869.91
INV. 12" CMP = 869.96
INV. 12" CMP = 870.28
INV. 12" CMP = 870.60
North
INV. 4" CPP = 872.92
INV. 12" CMP = 871.81
INV. 12" CMP = 872.12
INV. 12" CMP = 871.91
INV. 12" CMP = 872.49
difference in frontage per plat vs r/w
INV. 12" CMP = 872.68
Parcel 18460
Pauline Finch
INV. 12" RCP = 871.60
INV. 12" CPP = 873.09
INV. 12" CPP = 872.98
INV. 12" CMP = 873.49
INV. 12" RCP = 871.53
INV. 12" CMP = 873.01
8" CONC. WALL
INV. 12" CMP = 874.00
Ex R/W
165
164
163
162
161
160
159
158

Photo 11
Photo 12
Photo 14
Wetland 1
Stream 3
North
Photo 9
Photo 10
Angular difference between Deblin Sub and
Elmchris Sub. Deblen created in 1955
Elmchris created in 1957

Photo 13
Stream 3
Drainage Way 1
Photo 15
Photo 16
North


Drainage Way 2
Photo 20
Photo 18
Photo 17
Photo 19
North

Drainage Way 2
Photo 21
North

Attachment E – Drinking Water Resources

1) Non-Community Public Water Systems Using Groundwater
2) Public Water Systems with Surface Water Intakes by Major Watershed
3) Community Public Water Systems Using Groundwater
4) Drinking Water Source Protection Areas for Public Water Systems Using Groundwater
5) Drinking Water Source Protection Areas for Public Water Systems Using Surface Water
6) Greater Miami Sole Source Aquifer

Drinking Water Source Protection Areas for Public Water Systems using Ground Water

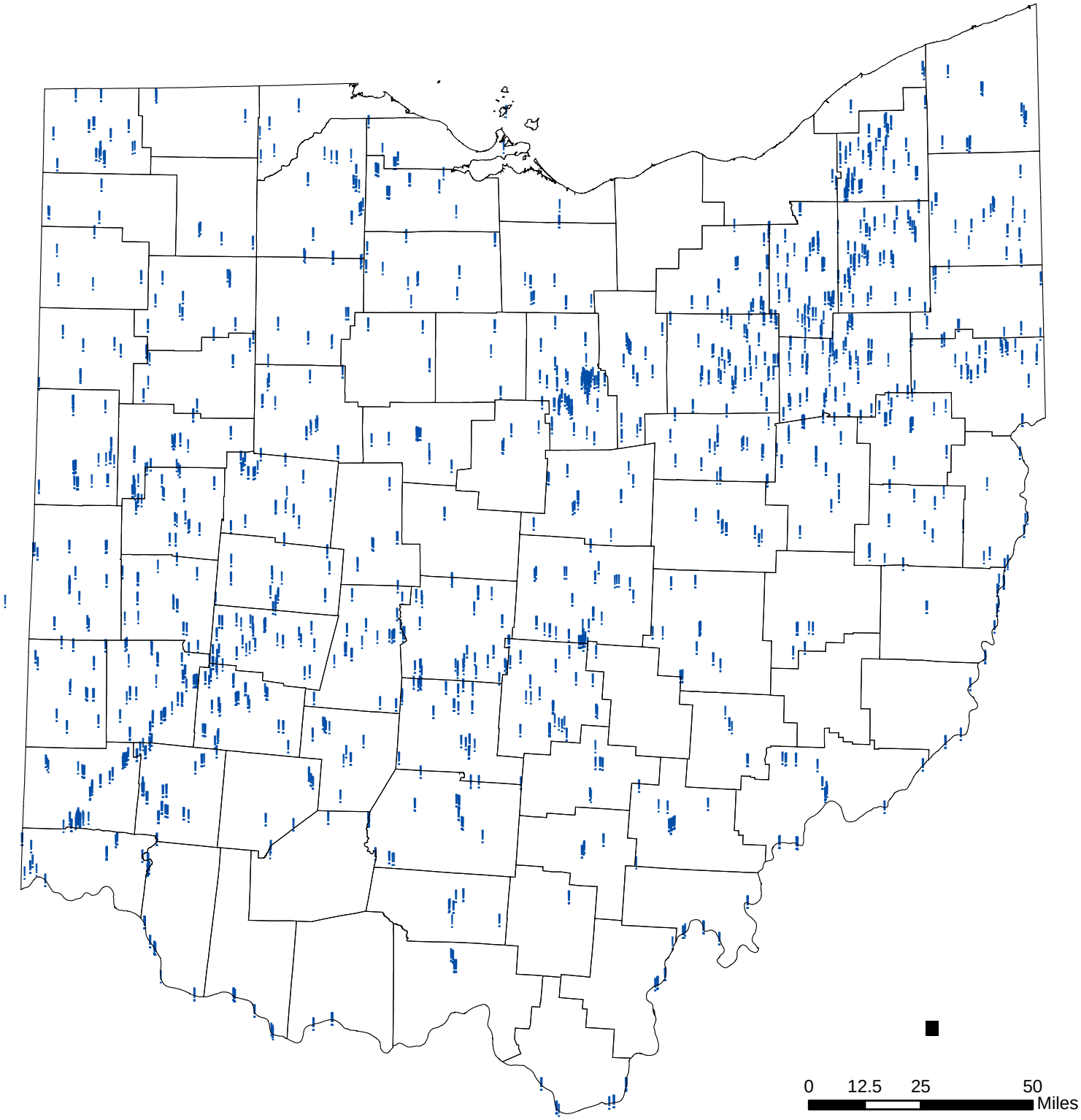
Legend

Drinking Water Source Protection Areas

OhioEPA
Division of Drinking and Ground Waters

March 27, 2006

Community Public Water Systems using Ground Water

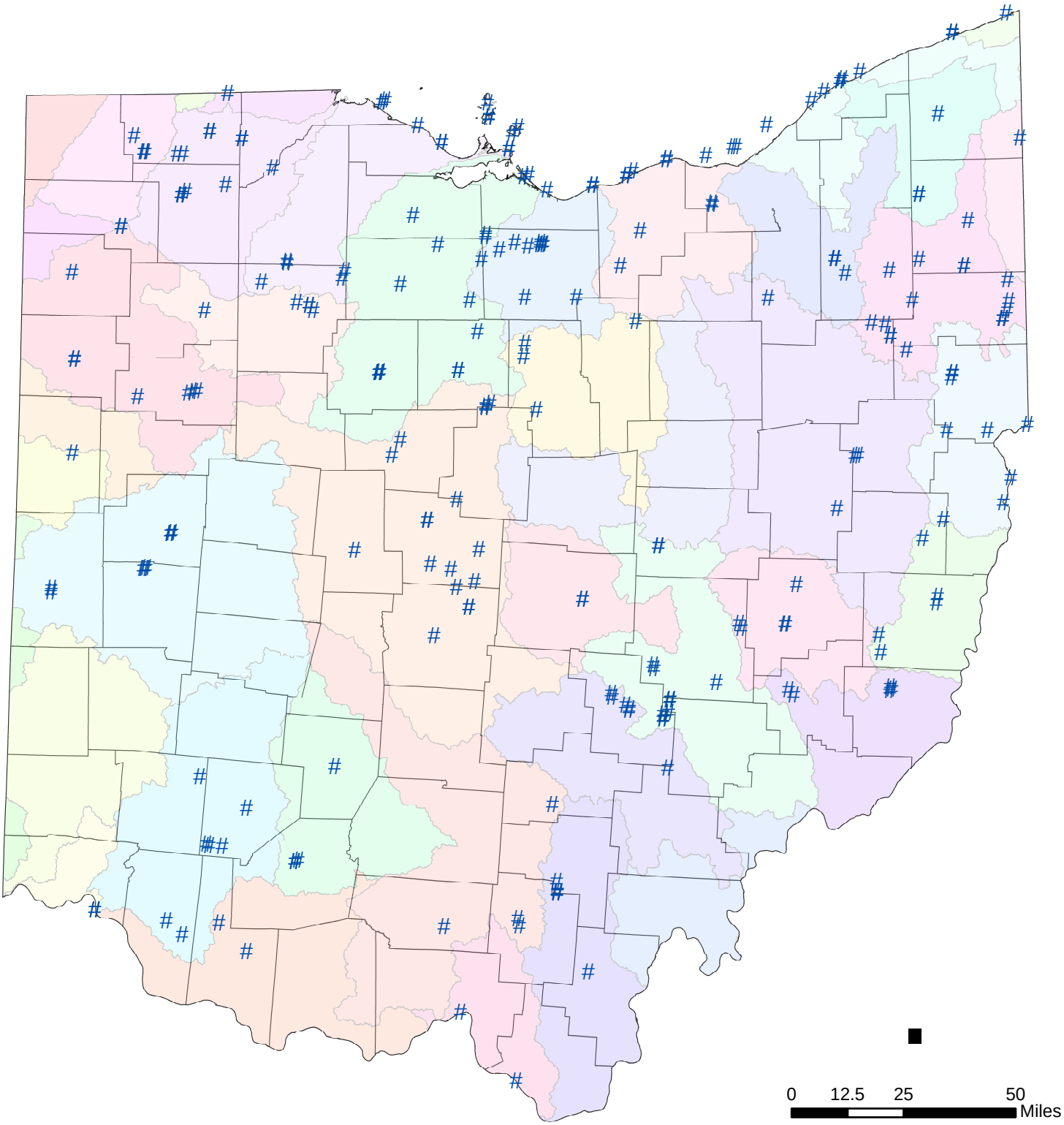


! Public Water System Wells

OhioEPA
Division of Drinking and Ground Waters

March 27, 2006

Public Water Systems with Surface Water Intakes by Major Watershed

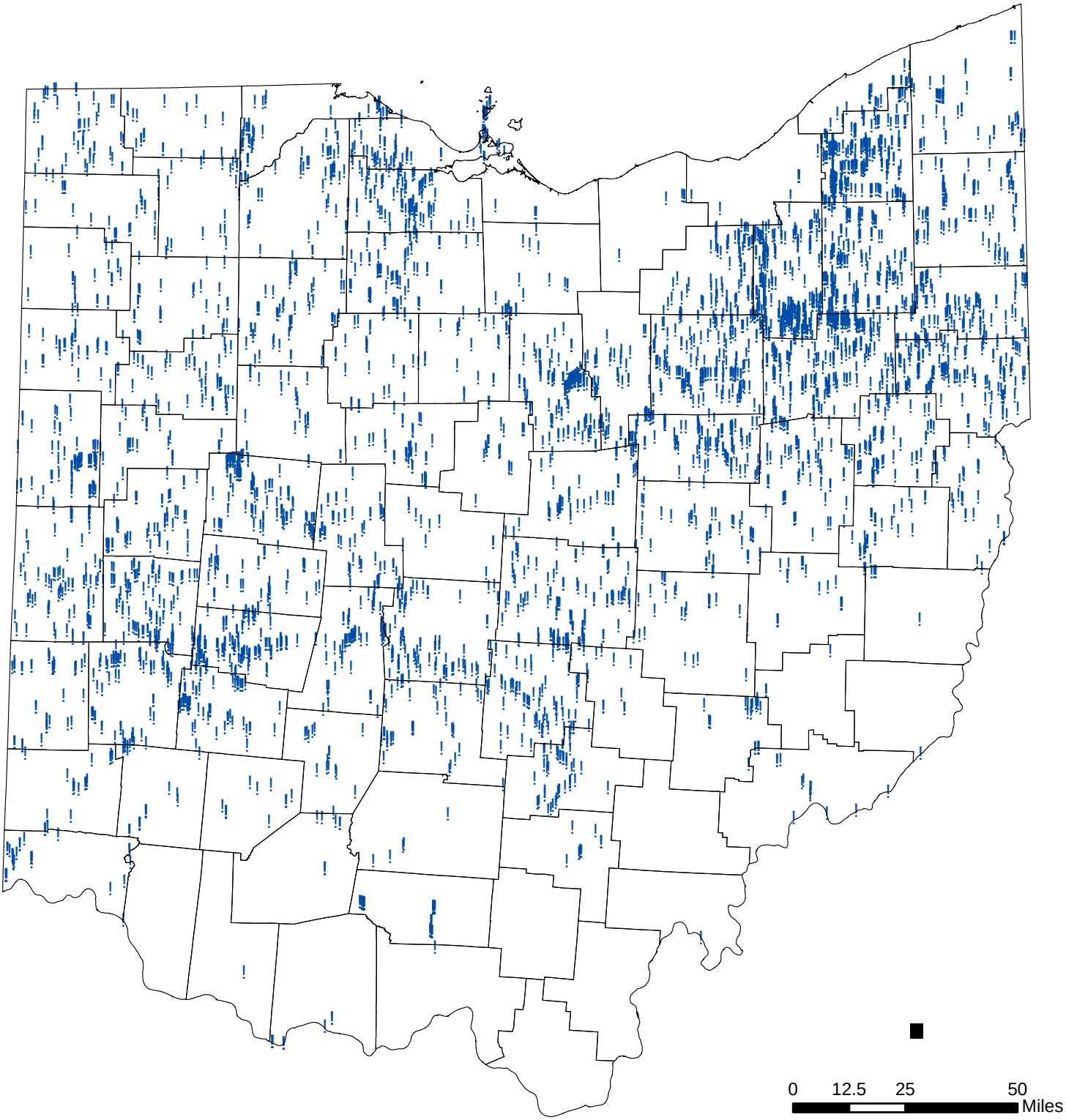


Public Water System Surface Intakes

OhioEPA
Division of Drinking and Ground Waters

March 27, 2006

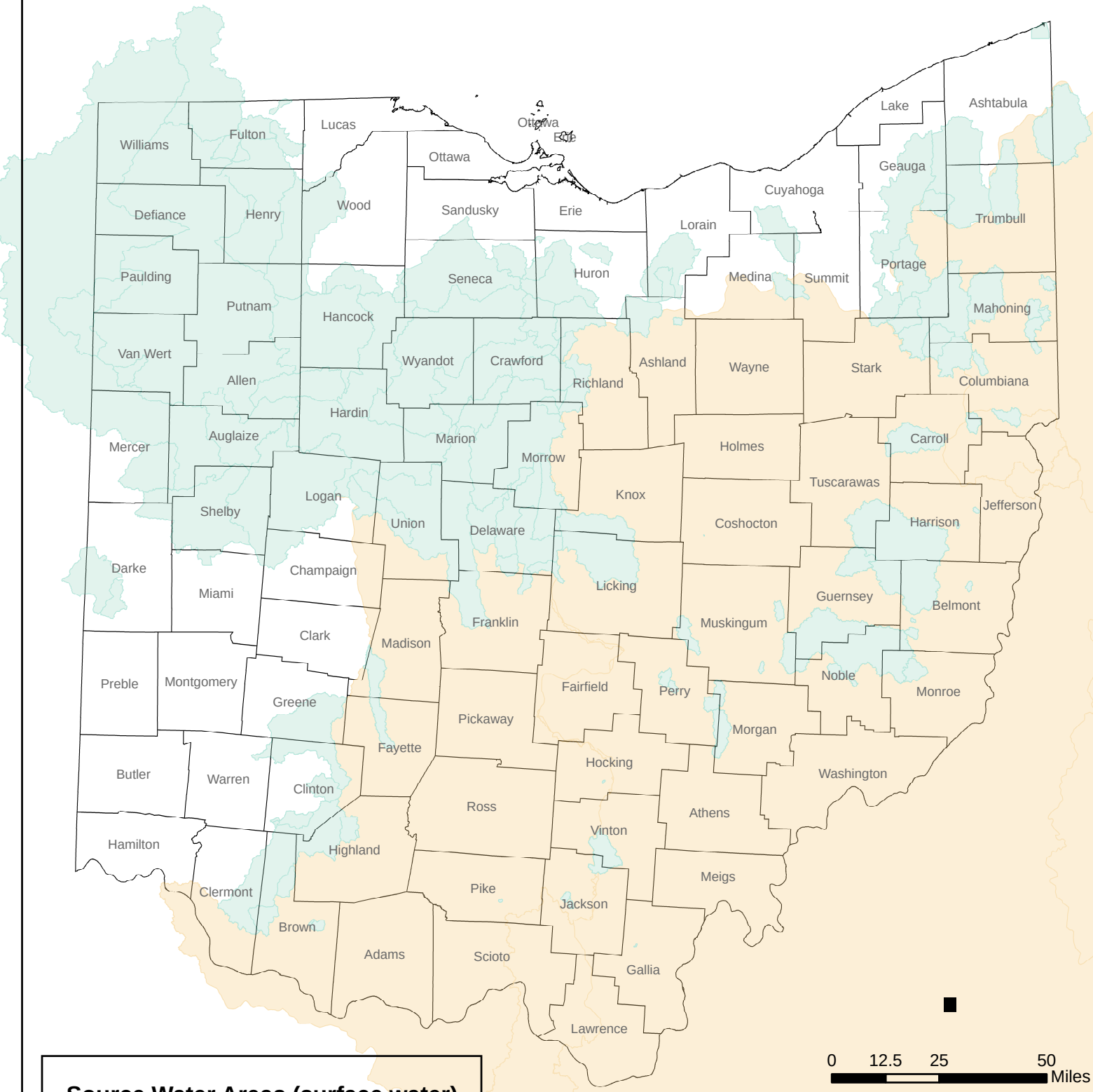
Non-Community Public Water Systems using Ground Water



! Public Water System Wells

OhioEPA
Division of Drinking and Ground Waters

Drinking Water Source Protection Areas for Public Water Systems using Surface Water



Source Water Areas (surface water)

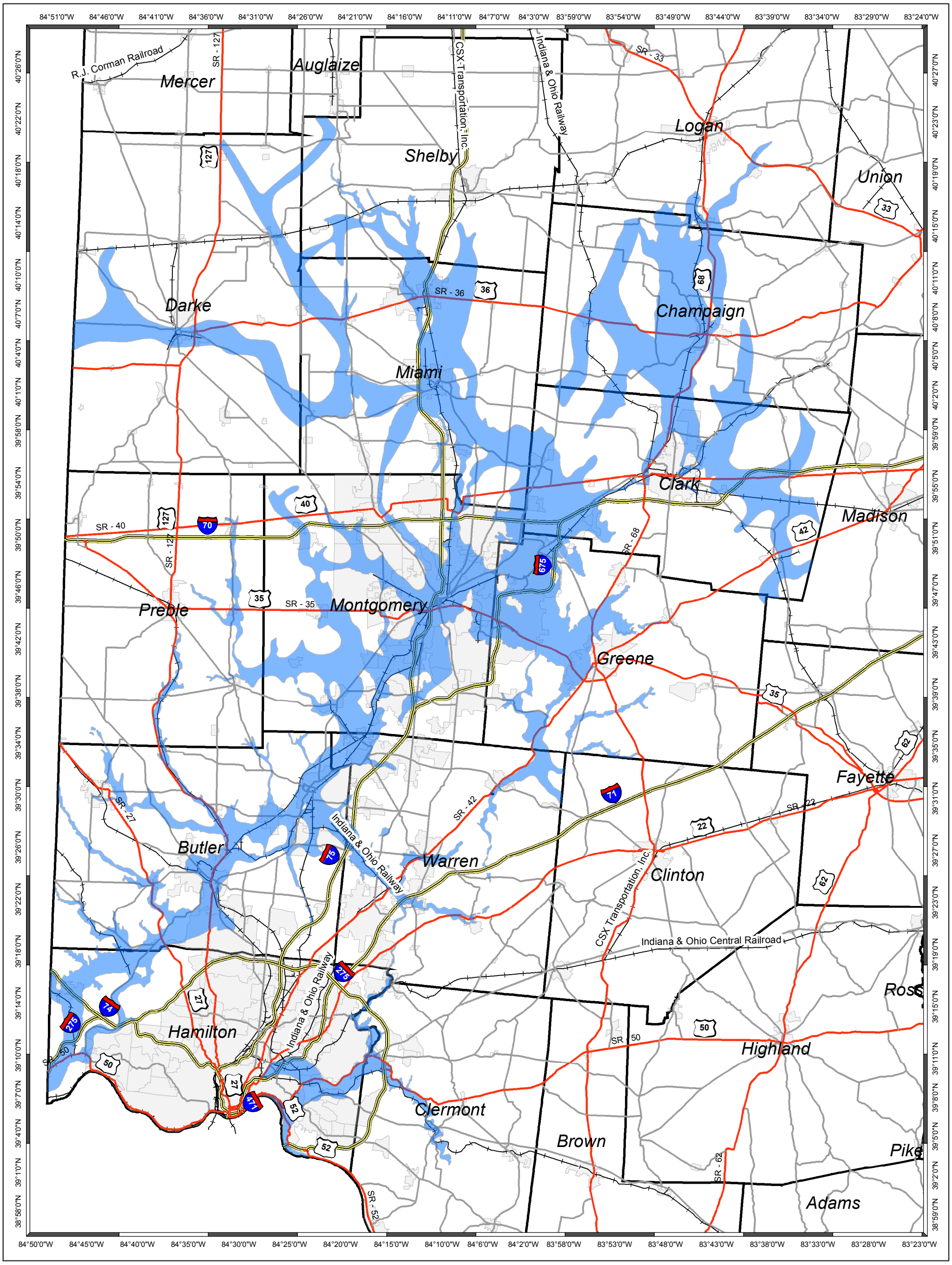
DELINEATION TYPE

- Source Water Area
- Source Water Area - Ohio River

OhioEPA
Division of Drinking and Ground Waters

March 27, 2006

Greater Miami Sole Source Aquifer



Ohio Sole Source Aquifers

County Boundaries

N W E S

0 5 10 20 Miles

OhioEPA
Division of Drinking and Ground Waters

November 24, 2006

Attachment F – Farmland

1) Farmland Protection Policy Act Screening Sheet

Ohio Department of Transportation, Office of Environmental Services
FARMLAND PROTECTION POLICY ACT
PROJECT SCREENING SHEET

I. PROJECT INFORMATION:

A. County-Route-Section: CLE-Wolfpen-Pleasant Road

PID: 82139 **Length:** 1.05 miles

B. Brief Description: This project proposes to add 0.85 miles of two-way left turns, 4 foot sidewalks, curb and gutter throughout the project limits and a 0.14 mile long drop right hand turn lane at the Milford school entrance.

C. Screening Criteria for Land to be Acquired (only one need be marked if it applies to *entire* project area; if *none* can be marked, FCIR form is required)**:**

[X] **Developed** with a density of *at least 30 structures per 40 acres*.

[ ] Identified as **"urbanized area" (UA)** on U.S. Census Bureau Map.

[ ] Identified as **urban area mapped with a "tint overprint"** on USGS topographical map(s).

[ ] Identified as **"urban-built-up"** on USDA Important Farmland Map(s).

[ ] **Bridge replacement** requiring *less than 1 acre* of new R/W – (approx. _____ acres required).

[X] **Widening** *or* **intersection improvement** requiring *less than 3 acres* of new R/W – (approx. 1.4 acres required).

[ ] **Temporary R/W** to be returned to existing or greater productive capability – (approx. _____ acres required).

[ ] **Channel easement** for shaping existing channel – (approx. _____ acres required).

II. CONCURRENCE:

It is hereby determined that completion of the Farmland Conversion Impact Rating form (USDA Form AD-1006) is not required because the project will not affect farmland as defined in 7 CFR Part 658, as amended, or because the project falls within the criteria in the 1984 Memorandum of Understanding between ODOT, FHWA and USDA/SCS.

[signature] P.E. 6/19/08

District Environmental Coordinator Date

Revised 10/31/00

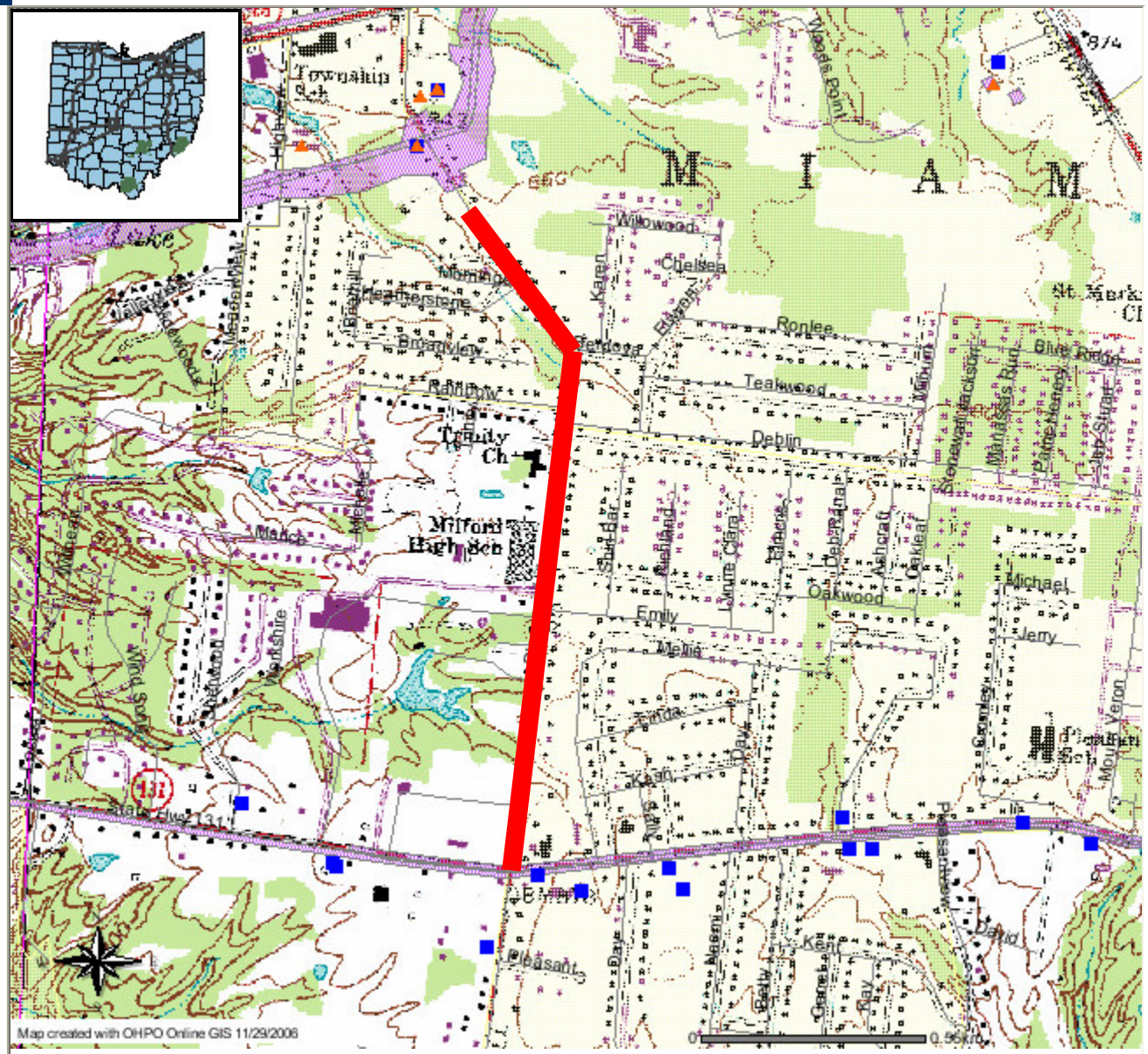
Attachment G – Cultural Resources

1) SHPO GIS Mapping
2) Cultural Resources Coordination
3) Section 6(f) Land and Water Conservation Fund Listing
4) Section 4(f) Coordination

Ohio Historic Preservation Office Online GIS

Help Logoff

Zoom
Pan
Query
Select
Misc.



LAYERS
- All Layers
  - OHPO Resources
    - National Register
      - NR Listed Properties
      - Determinations of Eligibility
      - NR Districts
    - Archaeological Inventory
      - Archaeological Sites
      - Previously Surveyed Areas
        - PSA Phase 1
        - PSA Phase 2
        - PSA Phase 3
    - Historic Inventory
      - Buildings
      - Historic Area Numbers
  - Base Map
    - Roads
    - Highways
    - Cities
    - Quadrangle Boundaries
    - Wayne National Forest
    - Counties
    - USGS Quadrangles

Refresh Map ?

Auto Refresh

CLE-Wolfpen Pleasant Hill Road
PID# 82139
Project Location

Zoom In

Attachment Page 137

OHIO DEPARTMENT OF TRANSPORTATION
INTER-OFFICE COMMUNICATION
Office of Environmental Services

RECEIVED
SEP 17 2008
BY:

TO: Hans Jindal, District 8 DDD
Attention: Keith Smith, District 8 DEC

DATE: September 11, 2008

FROM: Timothy M. Hill, Administrator, Office of Environmental Services

SUBJECT: Cultural Resources Coordination- 800.4(d)(1)
"Phase I History/Architecture Survey for the Proposed Transportation Improvements to Wolfpen-Pleasant Hill Road (PID:82139) in Clermont County, Ohio."

PROJECT: CLE-Wolfpen Pleasant Hill (PID: 82139)

Project Description

The proposed project is a locally sponsored safety project which involves upgrading 1.05 miles of roadway closed drainage system and four foot wide sidewalks will also be included as part of the proposed improvements. The project will add approximately 0.85 miles of two-way left turn lane miles. A 0.14 mile long right turn drop lane will be added for entry into the Milford School driveway entrance. Approximately 5 acres of permanent right of way will be required for these improvements. The right of way takes will primarily involve minor strip takes of yard frontage. One building, located at 5820 Wolfpen-Pleasant Hill Road, on the inside radius of a roadway curve, will be demolished.

Area of Potential Effects (APE)

The portion of the area of potential effects for the History/Architecture resources consists of the existing right of way as well as all of the parcels of land that are immediately adjacent to the existing right of way.

Results of Literature Review

A literature search for archaeological resources was conducted by OES on 9-10-08. There are no known or previously inventoried archaeological sites in the construction area or within 50' of the existing right of way. Known sites in the surrounding area are limited to the occurrence of modern scatters of 20th century refuse (33CT519, 33CT520, and 33CT522).

The literature review and background research identified no history/architecture properties listed in the National Register of Historic Places (NRHP) and no resources previously inventoried on Ohio Historic Inventory forms within the project APE.

Archaeology

As designed, all proposed construction activities will be limited to the existing right of way and areas of strip right of way previously disturbed by urban development, landscaping, and underground utilities. Due to the level of disturbance within 25 feet of the existing right of way no further archaeological investigations are recommended.

Results of Field Investigations-History/Architecture

The houses along Wolfpen-Pleasant Hill Road mainly date from the 1950s and 1960s. The majority of the houses are ranches, with several minimal traditional houses also identified. A few older houses also exist in the APE, but they are surrounded by more common ranch houses. Recent development along the highway consists of modern shopping centers and a recent residential

subdivision. The southern portion of the project area is dominated by state route 131. The area around this highway consists of recent development, including gas stations, convenience stores, and housing developments.

Twenty two architectural resources were identified within the APE. None of them are recommended as eligible for listing in the NRHP.

Conclusion

In accordance with the *Programmatic Agreement Among The Federal Highway Administration, The Advisory Council On Historic Preservation, The Ohio Historical Society, State Historic Preservation Office, And The State Of Ohio, Department Of Transportation Regarding The Implementation Of The Federal-Aid Highway Program In Ohio (Agreement No. 12642)* ("PA") executed July 17, 2006, and in compliance with 36 CFR Section 800.4(d)(1), ODOT-OES has determined that the finding for this project is 'no historic properties affected'.

This completes the Section 106 review and no further cultural resource investigations are required. You may process the environmental document with no further comment or involvement from ODOT-OES unless the scope of the proposed undertaking was to change. The environmental document should note the date of this IOC for project Section 106 clearance. The environmental document should also note the date of the July 17, 2006 Programmatic Agreement as the basis for the Section 106 approval. A copy of this IOC should be attached to the appropriate environmental document. If you have any questions or comments regarding this determination, they may be addressed to Monica Kuhn, Staff Historian at Monica.Kuhn@dot.state.oh.us or 614-466-6981 or to Stanley Baker, Staff Archaeologist, at Stanley.Baker@dot.state.oh.us or (614) 466-5143.

Forward questions or concerns to Monica Kuhn, Office of Environmental Services, at Monica.Kuhn@dot.state.oh.us, 614-466-6981.

TMH:mlk, Enclosure

C:Project File, w/att., Reading File, Mark Epstein, OHPO, w/att.

United States Department of the Interior
National Park Service
Land & Water Conservation Fund

Detailed Listing of Grants Grouped by County

Today's Date: 5/19/2009

Ohio - 39

Grant ID & Element	Type	Grant Element Title	Grant Sponsor	Amount	Status	Date Approved	Exp. Date	Cong. District
CLERMONT								
305 - XXX	A	STONELICK STATE PARK	DEPT. OF NATURAL RESOURCES	$198,459.85	C	4/18/1974	12/31/1976	2
502 - XXX	D	SYCAMORE PARK	CLERMONT COUNTY	$29,650.00	C	1/20/1977	12/31/1979	2
538 - XXX	D	PLUM STREET PARK	VILLAGE OF NEW RICHMOND	$13,554.00	C	3/22/1977	12/31/1980	2
576 - XXX	C	D/MONROE TOWNSHIP PK	TOWNSHIP OF MONROE	$18,600.00	C	7/27/1978	12/31/1980	2
665 - XXX	A	D/CROOKED RUN	DEPT. OF NATURAL RESOURCES	$50,000.00	C	10/17/1978	12/31/1983	2
863 - XXX	C	D/LOVELAND PARK	CITY OF LOVELAND	$86,769.92	C	2/17/1981	12/31/1986	2
954 - XXX	C	D/RIVERFEST PARK	VILLAGE OF NEW RICHMOND	$23,915.80	C	6/24/1983	12/31/1988	2
1066 - XXX	D	UNION TOWNSHIP PARK	TOWNSHIP OF UNION	$66,782.47	C	5/27/1986	12/31/1991	2
1136 - XXX	D	UNION TOWNSHIP PARK	TOWNSHIP OF UNION	$86,211.00	C	6/1/1989	12/31/1993	2
1165 - XXX	D	PIERCE TOWNSHIP PARK	TOWNSHIP OF PIERCE	$94,098.40	C	8/19/1991	12/31/1996	2
1184 - XXX	D	MIAMI TOWNSHIP PARK	TOWNSHIP OF MIAMI	$29,354.68	C	8/26/1992	12/31/1997	2
1214 - XXX	A	KELLEY NATURE PRESERVE	CLERMONT COUNTY	$92,402.00	C	3/31/1995	12/31/1999	2
			CLERMONT County Total:	$789,798.12		County Count:	12	

None of the listed LWCF recipients are located within or near the project limits.

Clermont County Transportation Improvement District

175 E. Main Street – Suite 150, Batavia, OH 45103

January 13, 2009

Dr. Ray Bauer
Principal, Milford High School
1 Eagles Way
Milford, Ohio 45150

Ms. Kelli Ellison
Principal, Milford Junior High
5735 Wolfpen Pleasant Hill Road
Milford, OH 45150

Re: CLE-Wolfpen Pleasant Hill Road; PID# 82139
Impacts to School for Proposed Roadway Improvements & Section 4(f) Compliance

Dear Dr. Bauer and Ms. Ellison,

As you are aware, the Clermont County Transportation Improvement District (CCTID), in cooperation with Miami Township and the Ohio Department of Transportation (ODOT), intends to widen Wolfpen Pleasant Hill Road to include two 12-foot traffic lanes, a 12-foot continuous turn lane, a 5.5-foot sidewalk on the east side of the roadway, and curb and gutter within varying right-of-way (ROW). The proposed project also includes a 12-foot right-turn lane for the Milford Junior High School bus loop. Preliminary design plans have been attached as a part of this coordination for your review. The plans provide a more detailed description of what the project will specifically include.

This letter serves to remind you of the planned project, provide a description of what the project will entail and to comply with the requirements of 23 CFR 771.135, Section 4(f) of the Department of Transportation Act of 1966, in review of the forthcoming National Environmental Policy Act (NEPA) document.

Impact Summary

Impacts to the school as a result of this project are anticipated to be minimal. Less than 0.1 acre of permanent ROW will be required from the school for the construction of a right-turn lane into the Milford Junior High School bus loop. Additional permanent drainage easements of approximately 1600 square feet will be required from the school property in the vicinity of Eagles Way. These are needed to adequately tie-in existing drainage features located on the school property. Temporary ROW easements on school property will be used to re-construct Eagle Way and the school driveway. Finally, the maintenance drive immediately south of Eagle Way would be closed, since access to the maintenance building can be obtained via Eagle Way. Road closures will occur while the high school and junior high school are out of session to the greatest extent possible in an attempt to minimize impacts to school bound traffic.

Section 4 (f)

As you are aware, the school property south of Eagle Way is utilized as sports fields for the Milford High School and Junior High School. These fields are also available to the public for walk-on and organized recreation activities. As a result, this portion of

the school property is considered a Section 4(f) resource and is subject to Section 4(f) of the Department of Transportation Act of 1966. However, the proposed project does not involve impacts to the existing or proposed sports fields.

In order to proceed with the above-described work, the CCTID and ODOT are requesting that the school district concur in writing that the proposed project will not have significant impacts on the school, nor will it significantly impact the existing or proposed sports fields located south of Eagle Way. We request that you acknowledge your concurrence with this fact by signing this letter on the line provided below and returning the original signed copy to this office by February 6, 2009.

Should you have any questions, please do not hesitate to contact me (513) 289-9051. Thank you.

Respectfully,
Clermont County Transportation Improvement District

Steve Wharton

Steve Wharton
Secretary-Treasurer

Ray Bauer — 1-13-09

Dr. Ray Bauer
Principal, Milford High School

Date

Ryan Cherry — 1-13-09

~~Ms. Kelli Ellison~~ Ryan Cherry
ASST. Principal, Milford Junior High

Date

From: Katie.DeStefano@dot.state.oh.us [mailto:Katie.DeStefano@dot.state.oh.us]
Sent: Friday, May 29, 2009 10:21 AM
To: Slater, Margaret
Cc: Mark.Clark@dot.state.oh.us; Keith.Smith@dot.state.oh.us
Subject: CLE-Wolfpen-Pleasant Hill Road; PID#82139, 4(f) Resolution

Margaret:

As discussed, the comment within the CE2 document for the above referenced project which indicates that "no further coordination is required" for 4(f) issues is correct. However, the overall text write up under the Section 4(f) comment box will need to be edited. Apparently. during the course of project design development and NEPA document development, the concurrence Section 4(f) letter was received from the jurisdictional officials for the impacted Milford Junior High School fields. Design changes involving the western sidewalk occurred concurrently with the writing/signing/receiving of the Section 4(f) concurrence letter. The proposed design changes resulted in the school fields not being impacted. In the end, there would be no change in ownership, no change in use, no change or denial of access and therefore, no impacts to the Section 4(f) resource. The text write up simply needs to reflect an accurate history and a clarification of the chain of events that took place during the course of both managing the proposed impacts to the resource and developing project design. Include the letter from the jurisdictional officials as well as this email in the CE document, in order to reflect the history in managing this resource. This email serves to document ODOT's decision, that "no further coordination is required" on the referenced Section 4(f) resource.

If you need anything else, let me know.

Respectfully,

Katherine S. DeStefano, P.E.
The Ohio Department of Transportation
District 8 Planning Department
505 South S.R. 741
Lebanon, Ohio 45036-9518
Phone: (513) 933-6583
FAX: (513) 932-9366
e-mail: katie.destefano@dot.state.oh.us

Attachment H – Air Quality Impacts

1) 2008-2011 Ohio, Kentucky, & Indiana – Transportation Improvement Plan (OKI-TIP)

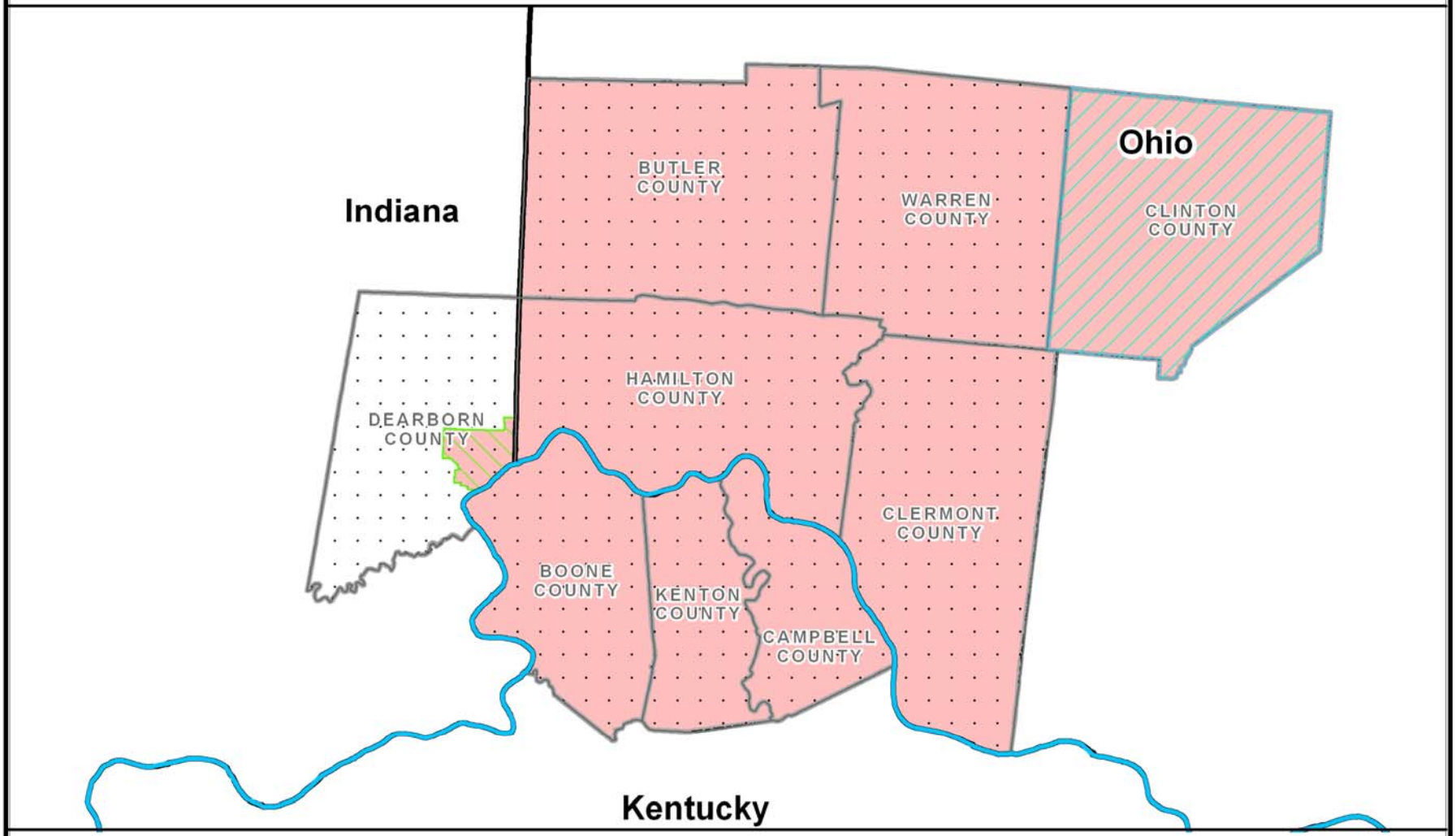
(Full TIP available online at: http://www.oki.org/transportation/tip.html)

2) Cincinnati Ozone Nonattainment Area Map (also available online at http://www.oki.org/pdf/CincinnatiOzoneNonattainmentArea.pdf)

Clermont County

PID	Facility	Sec[OH]	Len	Location	Fund Type	Phase	Description	Pre 08	FY 08	FY 09	FY 10	FY 11	FUTR	AQ conformity	Sponsor	Award/ Let Date
82557	Old SR 74 - Phase 1	0.00	6.29	Eastgate Road to Bach-Buxton North			Add 1 lane				Total Cost:	$500		Analyzed	Clermont TID	UNSC
					Local	P		0	500	0	0	0	0			
83661	Stonelick Bridge	0.00	0.00	Stonelick Covered Bridge (TIP Amendment 2-14-08)			Rehabilitate covered bridge				Total Cost:	$450		Exempt	Clermont County	4Q10
					Local	P-E		0	0	8	0	0	0			
					Fed Disc	P-E		0	0	32	0	0	0			
					Fed Disc	P-DD		0	0	64	0	0	0			
					Local	P-DD		0	0	16	0	0	0			
					Local	C		0	0	0	66	0	0			
					Fed Disc	C		0	0	0	264	0	0			
82558	Tina Drive Extension	0.00	0.00	Old SR 74 to Tina Drive			New two-lane connector with turn lanes at Old SR 74 intersection (Admin. Mod. 6-10-08)				Total Cost:	$2,350		Analyzed	Clermont TID	FY12
					TCSP	P		0	0	120	0	0	0			
					Local	P		0	200	30	0	0	0			
					Local	R		0	0	0	0	180	0			
					OKI-STP	R		0	0	0	0	420	0			
					Local	C		0	0	0	0	0	420			
					OKI-STP	C		0	0	0	0	0	980			
86229	Various Routes	0.00	0.00	Various Routes in Clermont County			Resurfacing				Total Cost:	$2,464		Exempt	Clermont County	1Q10
					ARRA	C		0	0	0	2464	0	0			
82139	Wolfpen-Pleasant Hill	0.00	1.05	From SR 131 to 1.05 miles north of SR 131			Improve Wolfpen-Pleasant Hill by adding center turn lane with a 4-foot sidewalk on one side				Total Cost:	$4,400		Exempt	Clermont County	2Q11
					Local	P		0	400	0	0	0	0			
					Local	R		0	0	0	250	0	0			
					OKI-STP	R		0	0	0	250	0	0			
					OKI-STP	C		0	0	0	0	1750	0			
					Local	C		0	0	0	0	1750	0			
80467	East Fork Bikepath	0.00	0.00	Connection between Villages of Williamsburg and Batvia to Eastfork State Park			Hike/bike trail construction (TIP Amendment #13, 1-8-09)				Total Cost:	$516		Exempt	Williams-burg	2Q11
					OKI-ENH	C		0	0	0	0	413	0			
					Local	C		0	0	0	0	103	0			
75641	SR 28	2.25	0.00	Bridge No. CLE-28-0225, SFN: 1300016. Bridge carries SR 28 over I-275			Bridge repair and abutment stabilization/correction				Total Cost:	$390		Exempt	ODOT	3Q10
					IM	C		0	0	0	351	0	0			
					State	C		0	0	0	39	0	0			
82563	SR 28	0.00	3.13	Branch Hill-Guinea Pike to SR 48			Add 1 lane				Total Cost:	$750		Analyzed	Clermont TID	UNSC
					Local	P		0	750	0	0	0	0			
82140	SR 28	2.05	0.44	From 0.44 miles west of IR 275 to IR 275 southbound exit ramp			Construct a 5-lane roadway (3 lane existing) with a 4-foot sidewalk on one side				Total Cost:	$3,000		Analyzed	Clermont County	2Q11
					Local	P		0	500	0	0	0	0			
					OKI-STP	R		0	0	0	400	0	0			
					Local	R		0	0	0	100	0	0			
					Local	C		0	0	0	0	400	0			
					OKI-STP	C		0	0	0	0	1600	0			
79111	SR 28 Business	0.00	0.00	SR 28 to Cook Road (Admin. Correction 8-6-07)			Widen to 4 through lanes with turn lanes at signalized intersections and landscaped median				Total Cost:	$7,600		Analyzed	Clermont County	4Q11
					Local	P		0	1000	0	0	0	0			
					OKI-STP	C		0	0	0	0	3000	0			
					Local	C		0	0	0	0	3600	0			
75686	SR 32	6.48	28.88	From 0.11 miles west of Batavia corporate line to 0.25 miles west of SR 133			Microsurface a portion of SR 32 in Clermont County				Total Cost:	$770		Exempt	ODOT	1Q12
					State	C		0	0	0	0	0	154			
					NHS	C		0	0	0	0	0	616			

Cincinnati Area 8-Hour Ozone Nonattainment Counties



Legend

- Added to Cincinnati AQ Analysis Area
- 8 Hour Nonattainment
- OKI MPO/Travel Demand Model Area
- Area without 1 Hour Budget (New Non-Attainment Area)

0 2 4 8 12 16
Miles

OKI

Attachment I – Community Impacts

1) Environmental Justice (EJ) Mapping (http://www.oki.org/transportation/environjustice.html)

a. EJ Population in Poverty by Census Block Group

b. EJ Minority Population by Census Block Group

c. EJ Elderly Population by Census Block Group

d. EJ Disabled Population by Census Block Group

e. EJ Zero-Car Households by Census Block Group

2) Existing Land Use in Clermont County, OH (September 2000) (http://www.oki.org/uploadfiles/Clermont_County_North_LU.PDF)

EJ Population in Poverty by Census Block Group

OKI Region

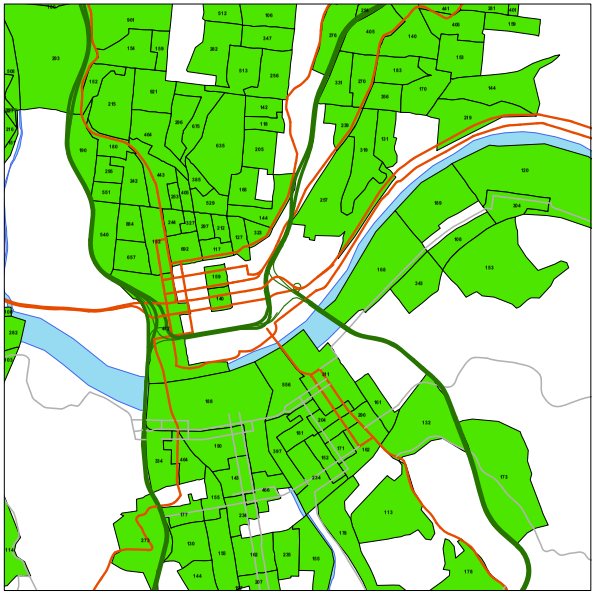
Low Income:
Persons in households where the median income is at or below the poverty level.

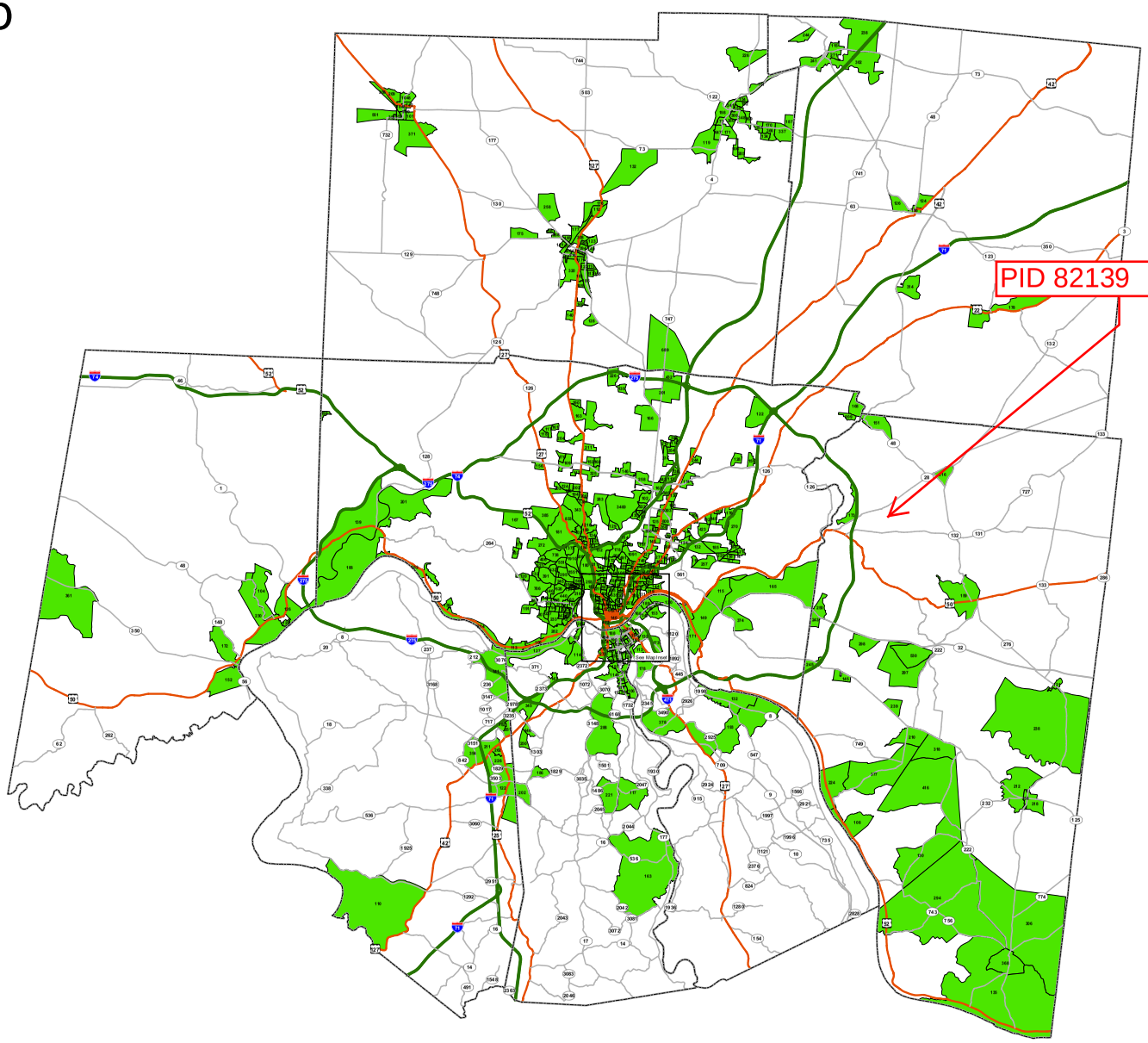
Legend

- Target Area with Number of Persons in Poverty
- Counties

Source: U.S. Census Bureau, Census 2000, SF3

Map Inset





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Regional Council of Governments

EJ Minority Population by Census Block Group

OKI Region

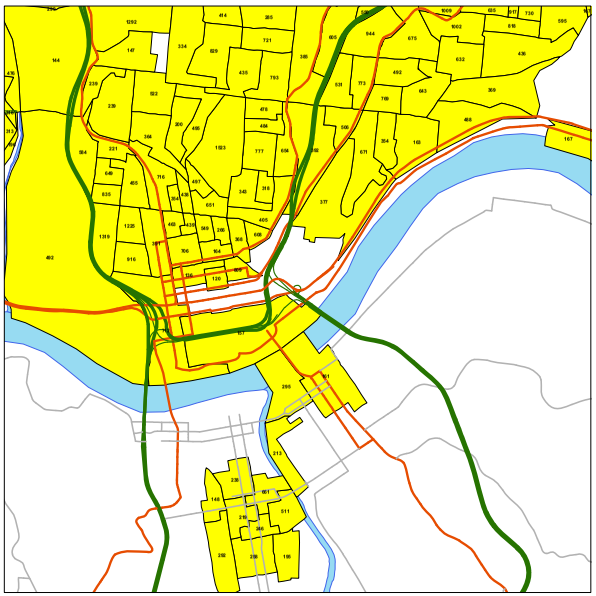
Minority:
Persons of every racial group except White alone plus all Hispanic persons.

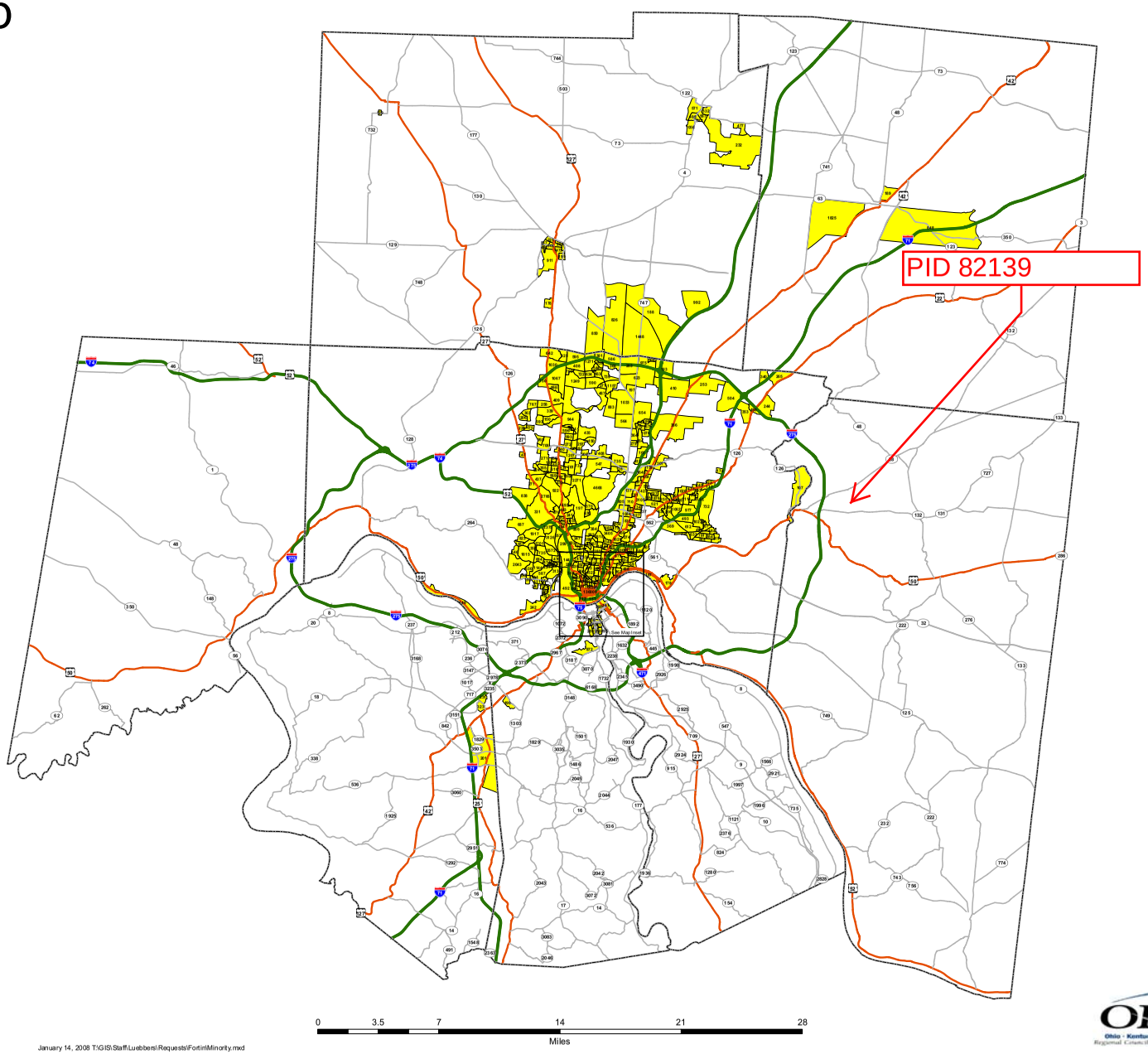
Legend

- Target Area with Number of Minority Persons
- Counties

Source: U.S. Census Bureau, Census 2000, SF3

Map Inset





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EJ Elderly Population by Census Block Group

OKI Region

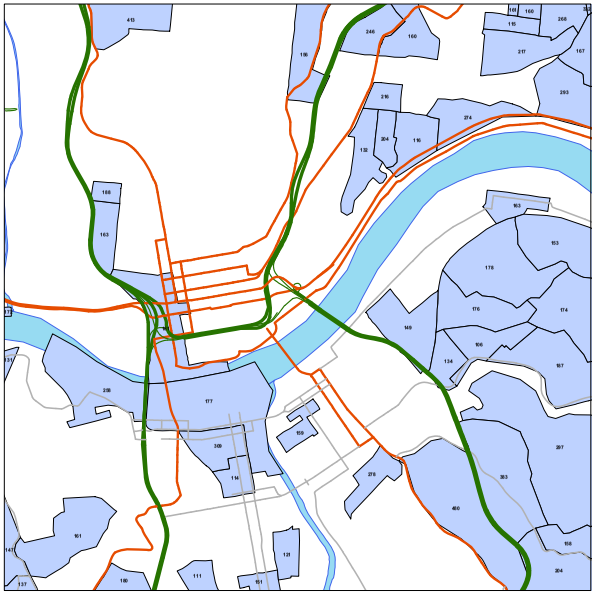
Elderly: Persons aged 65 and older.

Legend

- Target Area with Number of Elderly Persons
- Counties

Source: U.S. Census Bureau, Census 2000, SF3

Map Inset



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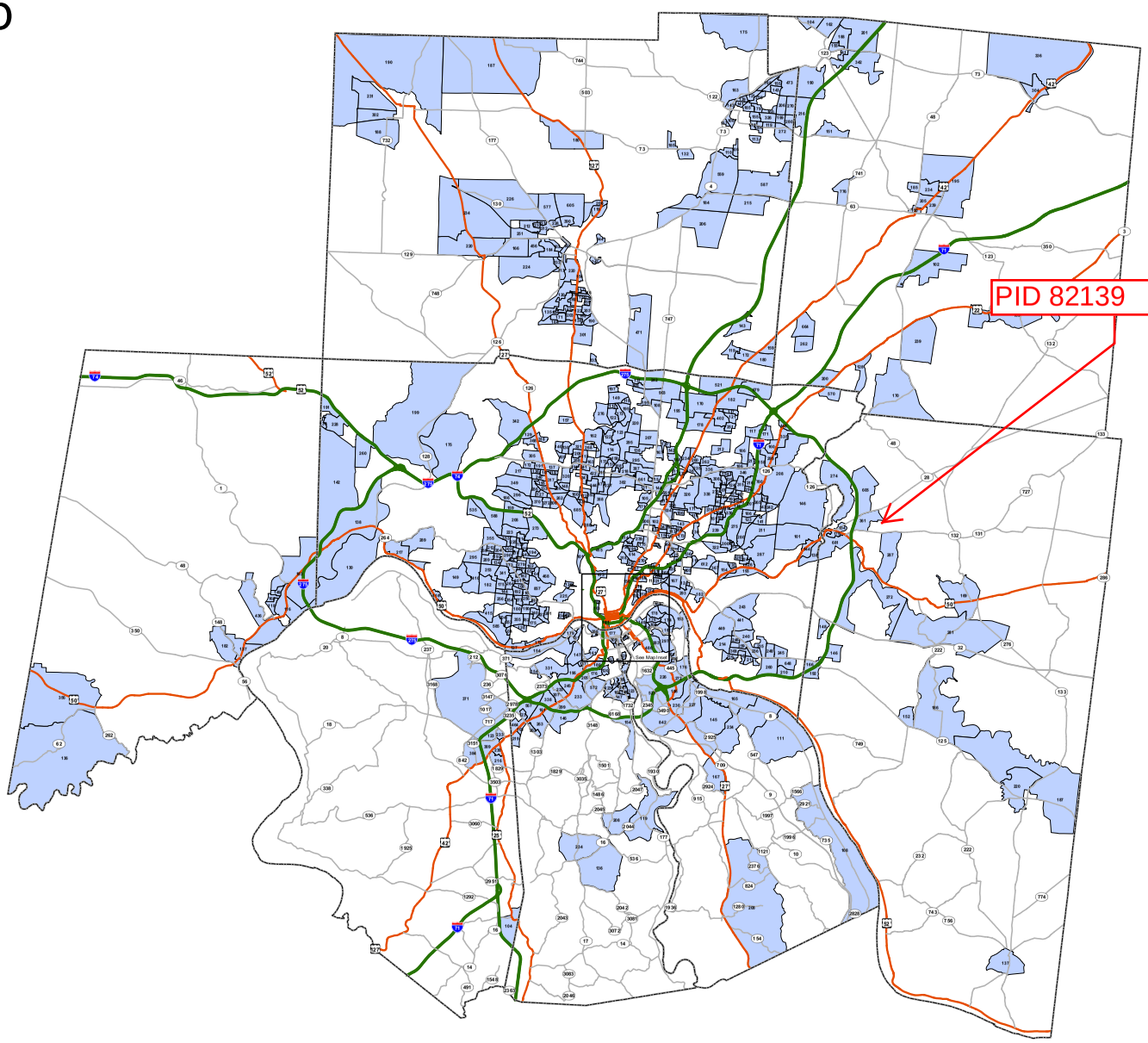

0 3.5 7 14 21 28
Miles

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EJ Disabled Population by Census Block Group

OKI Region

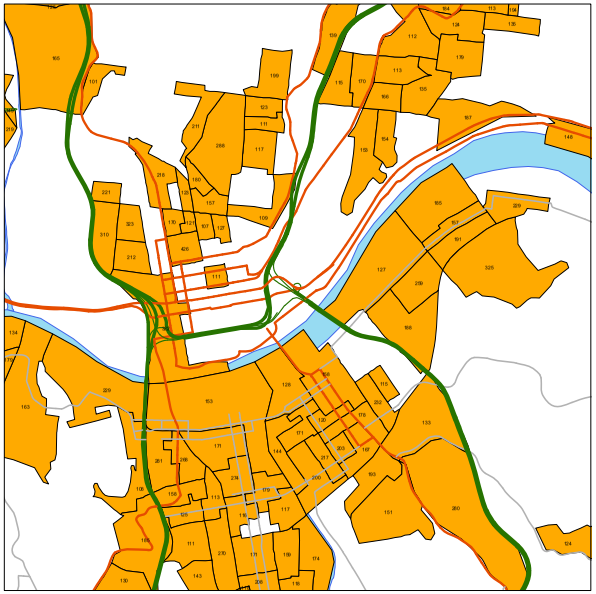
People with Disabilities:
Non-institutionalized persons aged 16-64 which have a sensory, physical, mental or self-care disability; going outside the home disability.

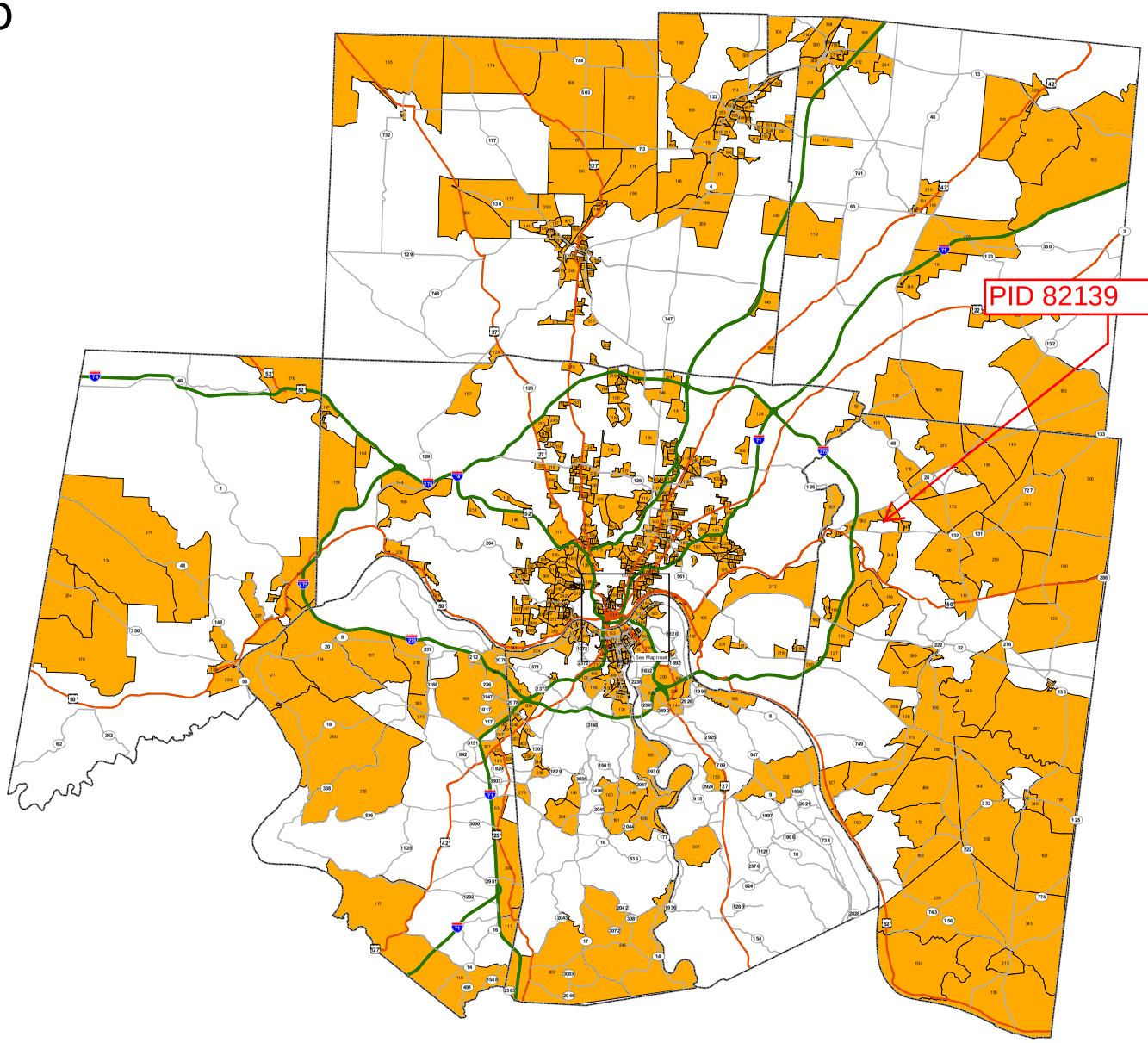
Legend

- Target Area with Number of Disabled Persons
- Counties

Source: U.S. Census Bureau, Census 2000, SF3

Map Inset





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EJ Zero-Car Households by Census Block Group

OKI Region

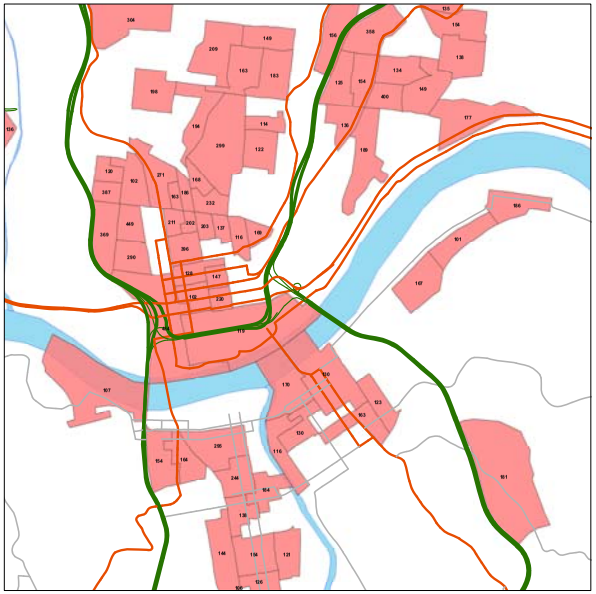
Zero-car Households:
Occupied housing units for which there is no car or access to one.

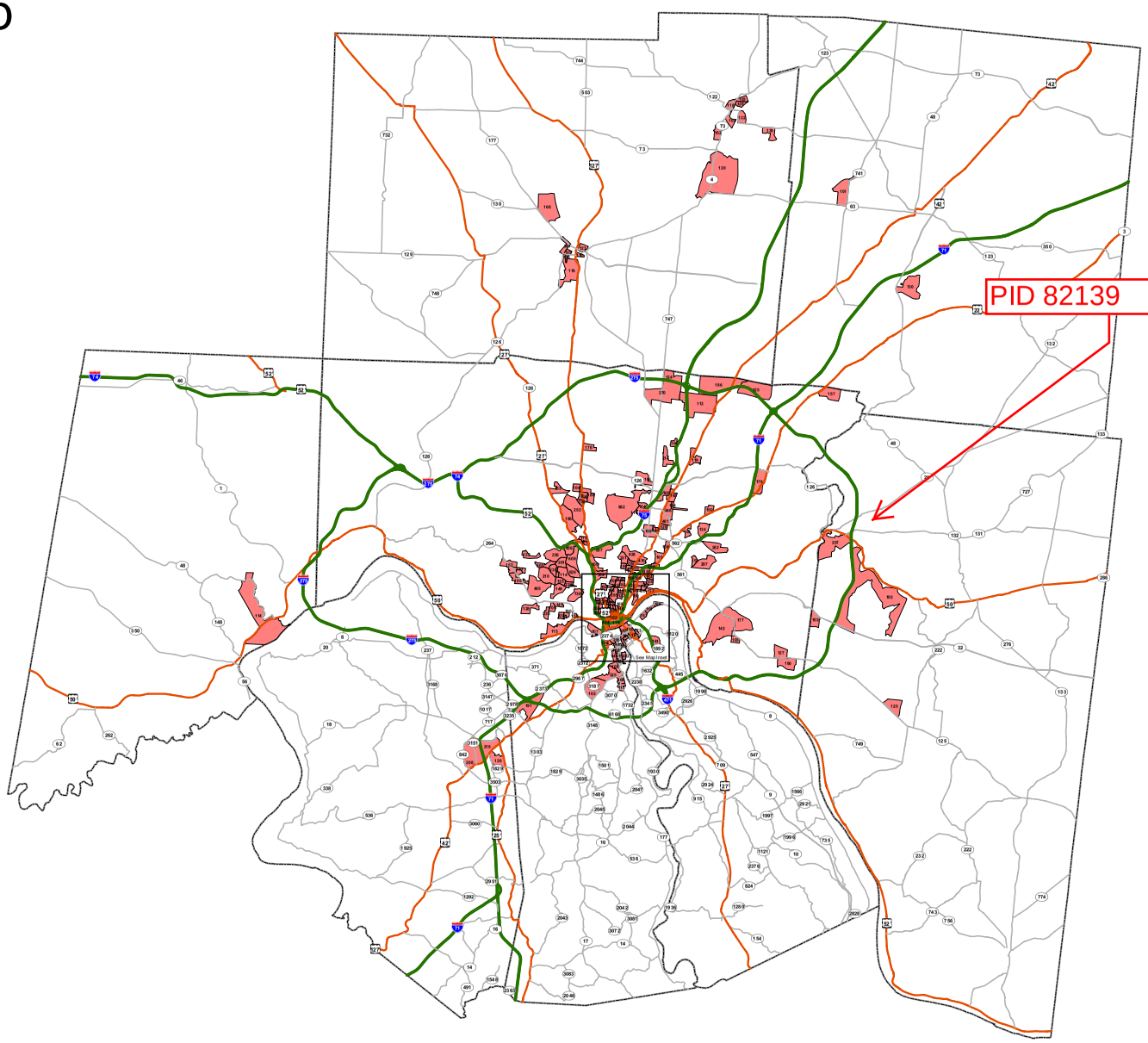
Legend

- Target Area with Number of Zero-Car Households
- Counties

Source: U.S. Census Bureau, Census 2000, SF3

Map Inset





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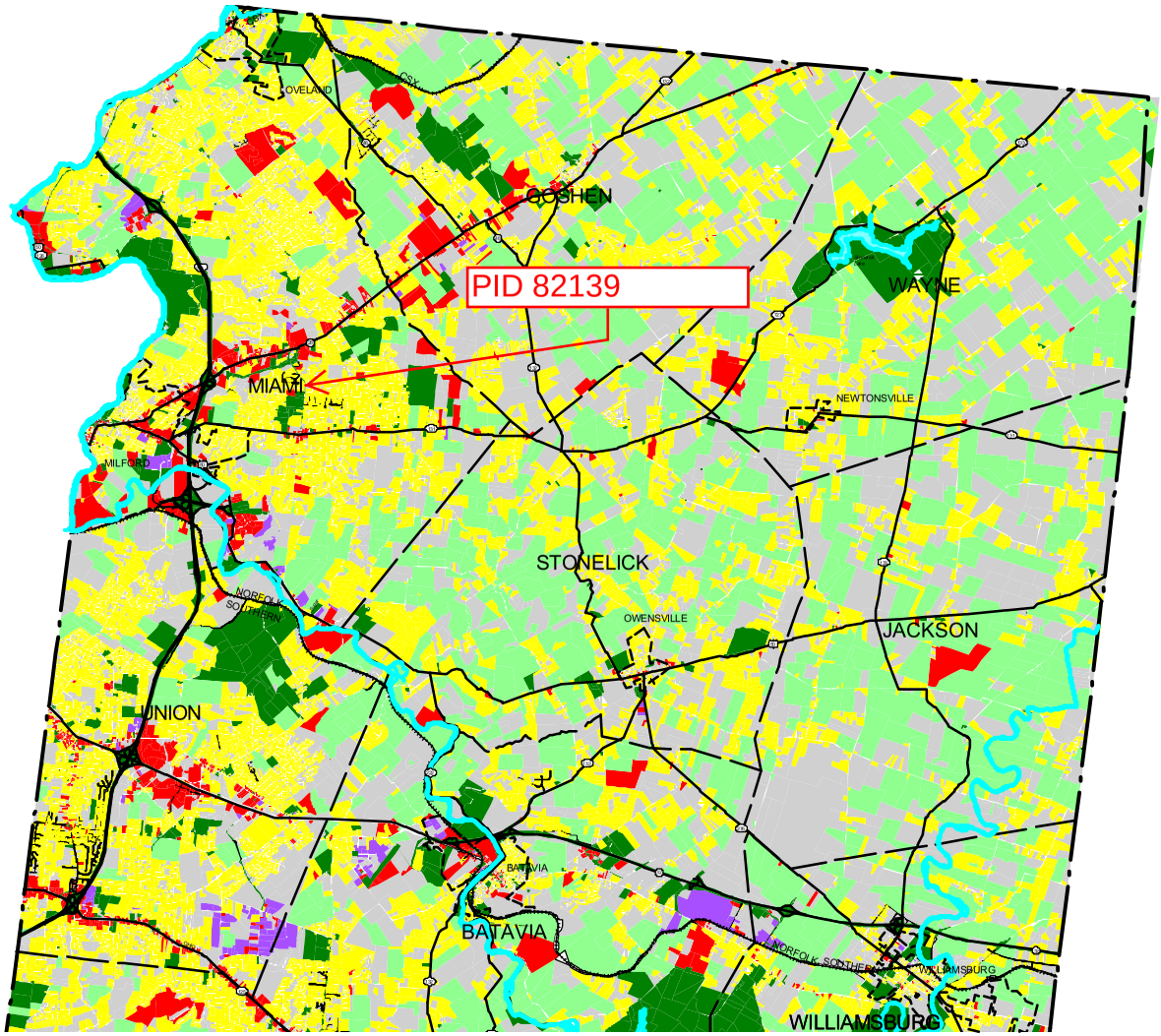
EXISTING LAND USE IN CLERMONT COUNTY, OHIO SEPTEMBER 2000



Attachment J – Public Involvement

1) Property Owner Notification Mailing and Distribution Map
2) Flyer for First Public Meeting
3) Newspaper Press for First Public Meeting
4) Sign-In Sheets for First Public Meeting
5) Public Meeting Summary for First Public Meeting
6) First Public Meeting Comments
7) Flyer for Second Public Meeting
8) Distribution List for Second Public Meeting Notification
9) CCTID Advertisement
10) Sign-In Sheets for Second Public Meeting
11) Second Public Meeting Comments

Clermont County Transportation Improvement District

175 E. Main Street – Suite 150, Batavia, OH 45103

December 4, 2007

Dear Property Owner,

The Clermont County Transportation Improvement District, in cooperation with Miami Township and Ohio Department of Transportation, is beginning design studies for improvements to Wolfpen-Pleasant Hill Road between Allen Drive and SR 131.

County Auditor's real estate records indicate that you own property located in the project study area. A description of the project, its purpose and a map showing the approximate study area boundaries is attached. Public Involvement is an important part of this process and you will be notified of future public meetings regarding this project.

A necessary part of this design work involves land surveying, utility identification, historic architecture and archeology, ecology and geotechnical investigations in the study area. Accordingly, we wish to advise you that it may be necessary for project field personnel to enter upon your property to identify environmental conditions in this area.

Field personnel representing the Clermont County Transportation Improvement District from Gresham Smith and Partners, a professional engineering and environmental consulting firm, will be in the area over the next several months conducting field investigations that may require access to your property. These persons will carry identification that will be provided to you upon your request, and have received strict instructions to avoid damage to private property.

At this early stage in the design studies, there have been no definitive plans developed or final locations chosen for possible transportation improvements, nor have any detailed plans for improvements or property acquisitions been determined. Field personnel will not be able to provide any detailed information concerning the project.

The Ohio Revised Code Section 5540.03 authorizes entry onto property for these studies. If at any time you feel that our representatives have not given proper attention to your property, please notify us at once.

We sincerely appreciate your cooperation and assistance so that this important data collection work can be completed. Should you have any questions, concerns, or special needs, please feel free to contact me at (513) 289-9051. Thank you.

Sincerely,
Clermont County Transportation Improvement District

Steve Wharton

Steve Wharton
Secretary-Treasurer

Cc: Board of Miami Township Trustees

Wolfpen- Pleasant Hill Road Improvements

PID No. 82139

Clermont County Transportation Improvement District, in cooperation with the Clermont County Engineer, Miami Township and ODOT, is undertaking preliminary engineering and environmental investigations for improvements to Wolfpen-Pleasant Hill Road from Allen Drive to SR 131.

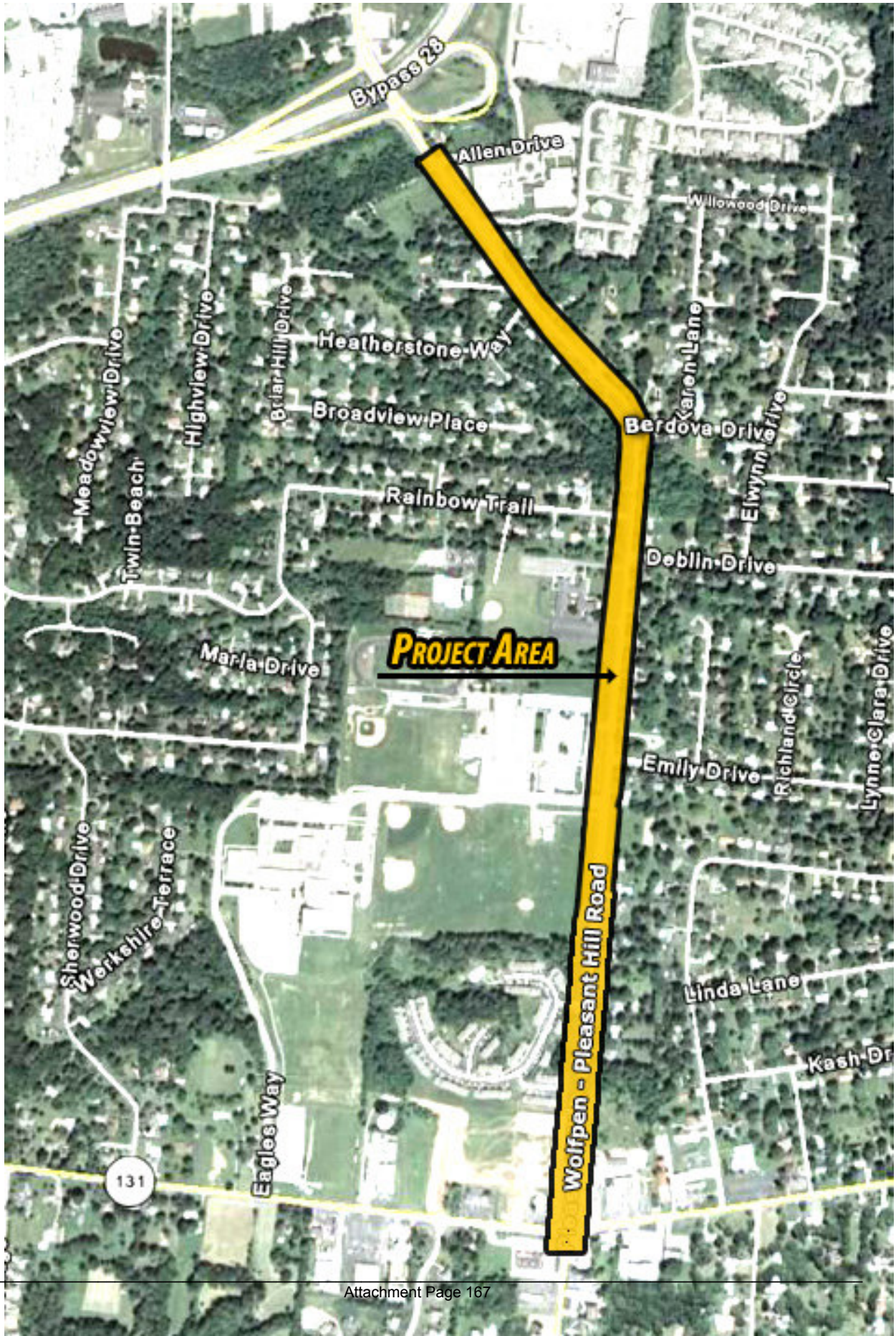
Wolfpen-Pleasant Hill has experienced a significant traffic increase following the construction of By-Pass 28. The improvements are intended to enhance safety, reduce congestion and improve access to Milford High School and residential property in the area. The project will include curbed cross section with closed storm drainage and sidewalk. The estimated construction cost is $3,500,000.

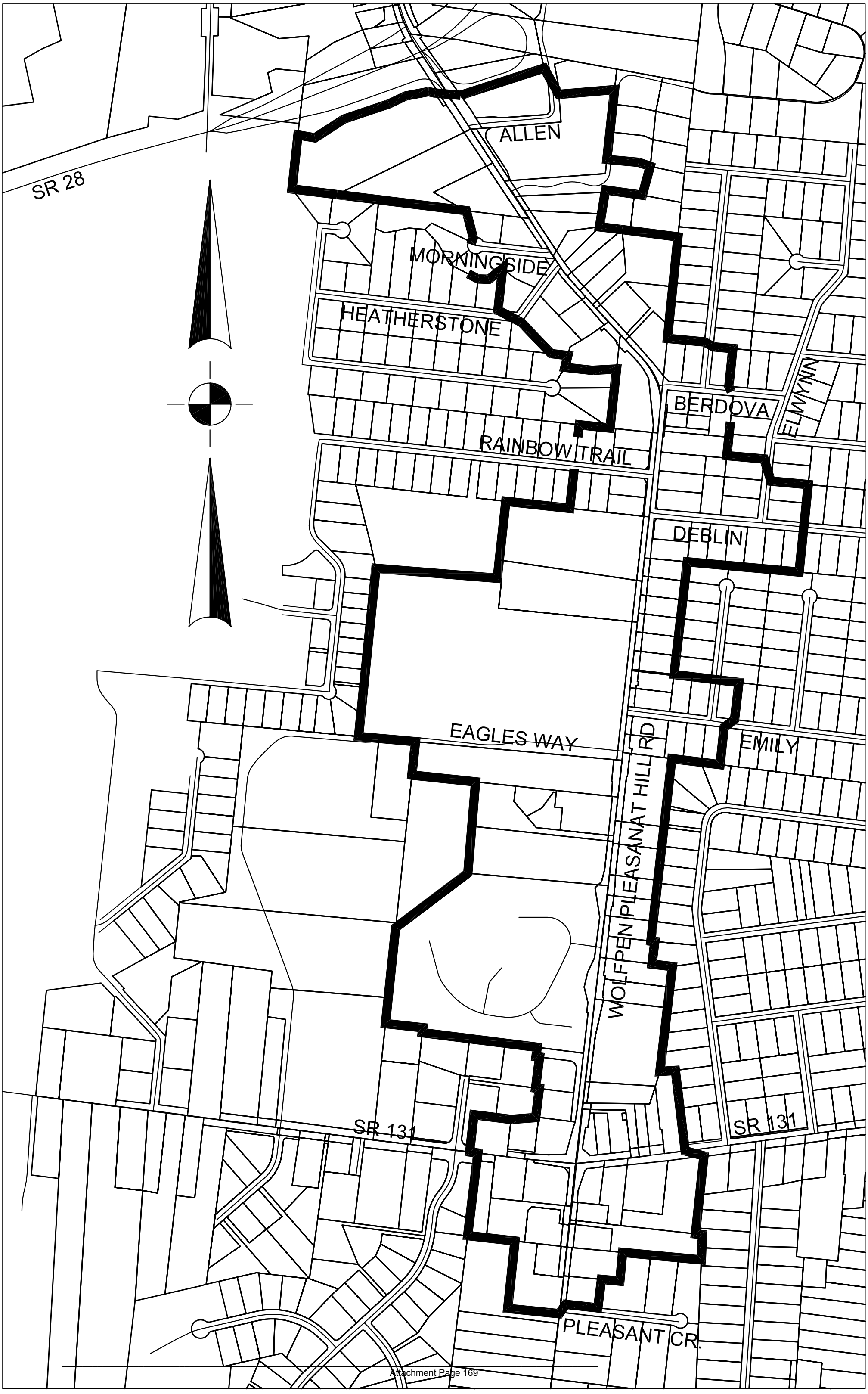
Investigations will include gathering data regarding environmental factors as well as traffic analysis and physical features in the area.

Among the improvements to be considered are:

- ✓ The addition of a third lane to accommodate left turns
- ✓ Widened shoulders for safety
- ✓ Curb and gutter with a closed storm sewer system
- ✓ Adding sidewalk
- ✓ Additional turn lanes for school
- ✓ Correction of horizontal deficiencies by smoothing sharp curves
- ✓ Correction of vertical deficiencies by smoothing dips
- ✓ Traffic signal improvements where warranted

Public involvement will be an integral part of the consideration of these improvements and you will be notified of upcoming public meetings to solicit input and keep area residents and stakeholders informed as this project moves forward.


Bypass 28
Allen Drive
Willowood Drive
Meadowview Drive
Highview Drive
Briar Hill Drive
Healherstone Way
Broadview Place
Karen Lane
Berdova Drive
Elwynn Drive
Twin Beach
Rainbow Trail
Deblin Drive
PROJECT AREA
Marla Drive
Richland Circle
Lynne Clara Drive
Emily Drive
Sherwood Drive
Werkshire Terrace
Wolfpen - Pleasant Hill Road
Linda Lane
Kash Dr
Eagles Way
131


SR 28
ALLEN
MORNINGSIDE
HEATHERSTONE
BERDOVA
ELMWYNN
RAINBOW TRAIL
DEBLIN
EAGLES WAY
EMILY
WOLFPEN PLEASANT HILL RD
SR 131
SR 131
PLEASANT CR.

Last Name	First Name	Address	City, state zip
AILLS	RALPH H. & GINA R.	5762 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
ALLMAN	DARYL W.	1133 DEBLIN DR	MILFORD, OH 45150
ANDERSON, TRUSTE	FLORENCE	5826 ELWYNN DR	MILFORD, OH 45150
B G DEVELOPMENT		3263 HOMEWARD WAY	FAIRFIELD, OH 45014
BARLOW	LARRY & RAMONA	5779 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
BARRINGTON, INC.		8044 MONTGOMERY ROAD SUITE 302	CINCINNATI, OH 45236-2922
BELL	G. THOMAS & MARY C.	5846 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
BERWANGER	LOUISE	5750 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
BOARD OF EDUCATI	ON OF THE MILFORD EXEMI	525 LILA AVENUE	MILFORD, OH 45150
BOHANNON	REGINA M.	1130 BERDOVA DR	MILFORD, OH 45150
BRANKAMP	GERALD & CHERYL	1114 MORNINGSIDE CIRCLE	MILFORD, OH 45150
BUSTLE	GARY WAYNE & CAROLYN	1162 EMILY DR	MILFORD, OH 45150
CASSINELLI	ANTHONY P.	5656 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
CHAPMAN	BENJAMIN L.	1153 DEBLIN DR	MILFORD, OH 45150
CRABTREE VI LLC		5243 PROVIDENCE RIDGE DR	HAMILTON, OH 45011
CRABTREE VI LLC		1149 - 1157 STATE ROUTE 131	MILFORD, OH 45150
CUNKELMAN, TRUST	JACK P. & DONNA L.	5795 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
DANIEL	DONALD G. & BETTY	2028 CEMETERY ROAD	GOSHEN, OH 45122
DAY, TRUSTEE	MARY C.	5580 PLEASANT VIEW DR	MILFORD, OH 45150
DEEL	CLARK R. & MARILYN J.	5 PEBBLESTONE CT	MILFORD, OH 45150
DIETRICH	RAYMOND M. & CARLYN J.	2558 EIGHT MILE RD	CINCINNATI, OH 45244
EGGLETON	MATTHEW M. & WENDI G.	5854 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
EMRO MARKETING	COMPANY PROPERTY TAX R	539 S MAIN ST	FINDLAY, OH 45840
EMRO MARKETING	COMPANY	1143 STATE ROUTE 131	MILFORD,OH 45150
EVELYN ENTERPRISES LLC		7181 FOXVIEW DR	CINCINNATI, OH 45255
EVELYN ENTERPRISES LLC		5865 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
FALES	JASON & BRENDA	5686 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
FAMILY DOLLAR STORES #6243		PO BOX 1017	CHARLOTTE, NC 28201
FAMILY DOLLAR STORES #6243		1147 STATE ROUTE 131	MILFORD,OH 45150
FELIX	LARRY RICHARD	5788 ELWYNNE DR	MILFORD, OH 45150
FRAZIER	KENNETH & CHERYL A.	986 APPLE BLOSSOM LN	MILFORD, OH 45150
HABOUSH	FADI	5368 COUNTRY LANE	MILFORD, OH 45150
HALLMAN, TRUSTEE	MARGARET L.	5694 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
HARALSON	FLETCHER L. & JOYCE L.	5706 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
HARKLEROAD	WILLIAM E., JR & PATRICIA	1014 HOSPITAL DR SUITE 102	BATAVIA, OH 45103
HARKLEROAD	WILLIAM E., JR & PATRICIA	5609 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150

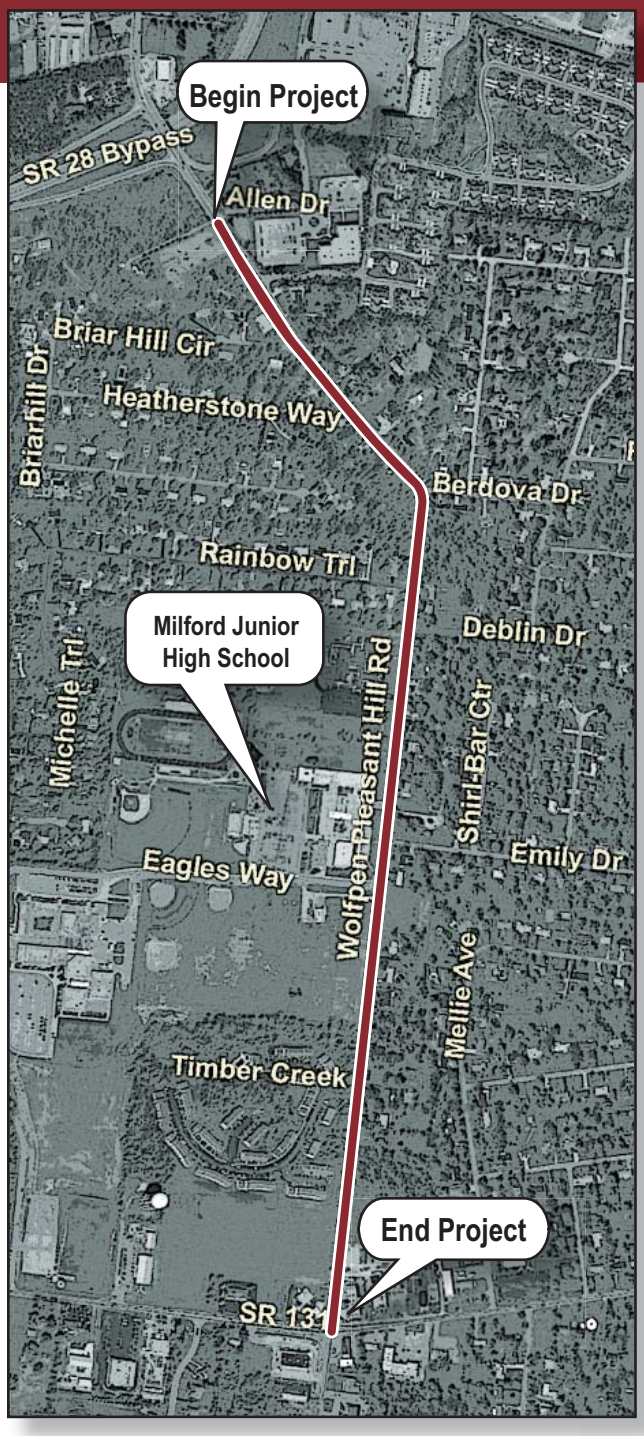
HAYDEN	ALEXANDER F.	1137 DEBLIN DR	MILFORD, OH 45150
HOWARD	AVERY	5616 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
HUTCHINSON, TRUS	DAVID P. & MARGARET A.	5700 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
JOINER, JR	BOYD KEITH	5785 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
JONES	ANDREW JR & ANGELLA S.	5676 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
JONES	TRISHA MAY	5832 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
KIRK	EDGAR, JR & VINA C.	1158 DEBLIN DR	MILFORD, OH 45150
LADENBURGER	SANDY	P O BOX 5	FAYETTEVILLE, OH 45118
LADENBURGER	SANDY	5607 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
LEE	MARTHA & DAVID	5824 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
LEHNERT	MILDRED J. & JOSEPH L.	1129 BERDOVA DR	MILFORD, OH 45150
LOOMIS	WILLIAM H.	5628 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
LOUIS METRO & KAREN METRO FAMILY LLC		441 E STATE ROUTE 73	SPRINGBORO, OH 45066
LOUIS METRO & KAREN METRO FAMILY LLC		1126 STATE ROUTE 131	MILFORD, OH 45150
LYDO PROPERTIES NO 2 LLC		PO BOX 176	MILFORD, OH 45150
LYDO PROPERTIES NO 2 LLC		5790 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
MARSHALL	CHRISTINE L.	1161 EMILY DR	MILFORD, OH 45150
MCBURNEY	WILLIAM G. & NANCY C.	1123 HEATHERSTONE WAY	MILFORD, OH 45150
MCCLANAHAN	DONALD J. & JANET H.	716 CHERRY ST	BLANCHESTER, OH 45107
MCCLANAHAN	DONALD J. & JANET H.	1116 HEATHERSTONE WAY	MILFORD, OH 45150
MCQUERY	SHERRY ANN MCDARTY &	5797 WILLNEAN DR	MILFORD, OH 45150
MECHLEM	DAPHNE J.	5776 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
ML BARNARD PROPERTIES INC.		4360 FERGUSON DR SUITE 160	CINCINNATI, OH 45245
ML BARNARD PROPERTIES INC.		1103 ALLEN DR	MILFORD, OH 45150
MOND	GARY G. LA	5616 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
MOORMAN	AUGUST S. & C. E.	5754 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
MORGAN	LEN B. & DONNA S.	1155 EMILY DR	MILFORD, OH 45150
MOUNCE	ROBERT & IRENE	5785 ELWYNN DR	MILFORD, OH 45150
MVSL WOLFPEN LLC		9349 WATERSTONE BLVD	CINCINNATI, OH 45249
MVSL WOLFPEN LLC		5877 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
PARKER	JOHNNY D.	1157 DEBLIN DR	MILFORD, OH 45150
PATTERSON	JO ANN & RALPH	1145 DEBLIN DR	MILFORD, OH 45150
PETRY	MICHAEL D.	5780 ELWYNN DR	MILFORD, OH 45150
PHELPS	BOBBY JOE	1157 EMILY DR	MILFORD, OH 45150
PLEASANT RUN TOWNE HOMES LIMITED PARTN		1225 DUBLIN RD	COLUMBUS, OH 43215
PLEASANT RUN TOWNE HOMES LIMITED PARTN		5398 TIMBER CREEK DR	MILFORD, OH 45150
POWELL	RAYMOND & OLA F.	6968 LIGHTHOUSE POINTE	MAINEVILLE, OH 45039

PRATT	ROBERT E.	5835 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
QGH LTD		QGH LTD 1295 H-LYONS	DAYTON, OH 45458
RILEY	CLIFFORD & R. ELAINE	5610 WILD ROSE LN	MILFORD, OH 45150
SCHARFENBERGER	SHIRLEY B.	8561 NEW ENGLAND COURT	CINCINNATI, OH 45236-2093
SEARS	MARY R.	5766 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SHEEHY	DOROTHY	5829 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SICK	MATTHEW J. & STEPHANIE	5678 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
SKINNER	HARVEY & MARIA	5684 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SMITH	ALTA SUSAN	5820 WOLFPEN-PLEASANT HILL RD PO BO	MILFORD, OH 45150
SOWDER	EDWARD A. & FRANCE M.	1136 DEBLIN DR	MILFORD, OH 45150
SPRADLIN	BERTHA M.	1158 STATE ROUTE 131	MILFORD, OH 45150
STURGIS, TRS	RICHARD G. & DANEEN	5855 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SUTTON	DAVE & MELISSA	5789 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
TATCO WOLFPEN LTD		3978-02 OCCUPANCY EXPENSE DEPT 1 C\	WOONSOCKET, RI 02895
TATCO WOLFPEN LTD		1137 STATE ROUTE 131	MILFORD,OH 45150
THACKER	GOLDENA	5785 ELWYNN DR	MILFORD, OH 45150
THOMAS	BILLY A.	5758 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
TRESTER	BRIAN	1402 FINCH LANE	MILFORD, OH 45150-2648
TRINITY UNITED METHODIST CHURCH		5767 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
TRISKA	EDMUND J. & BARBARA A.	5712 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
TURNER	JEANNE M. TOWNSLEY SMI	1129 RAINBOW TRAIL	MILFORD, OH 45150
UNITED DAIRY FARMERS INC		3955 MONTGOMERY ROAD	CINCINNATI, OH 45212
VEARIL	GLENN E.	1156 EMILY DR	MILFORD, OH 45150
VIGH, TR	ALEXANDER	8010 BLOME RD	CINCINNATI, OH 45243
WALTER	KATHY R. & MICHELLE	1126 RAINBOW TRAIL	MILFORD, OH 45150
WEHRUNG	LINDA K.	5 LAUREL LN	HILTON HEAD, SC 29928
WEIR	DIXIE D.	6112 GUINEA PIKE	MILFORD, OH 45150
WENECK	DENNIS & DONNA	1130 RAINBOW TRAIL	MILFORD, OH 45150
WESSELER	MARY ANN	989 VALLEY VIEW DR	MILFORD, OH 45150
WHERRY	ERIN	1115 MORNINGSIDE CIRCLE	MILFORD, OH 45150
WHITE	KATHY	5734 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WILKING	STEVEN J. & PATRICIA K.	5604 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WILLIAMS, TRUSTEE	CLEO A. & RUTH A.	5773 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WILSON	ROY G.	5585 BETTY LN	MILFORD, OH 45150
WITT	JACK W. & PATTY D.	5746 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WOLFPEN ASSOCIAT		P O BOX 17346	COVINGTON, KY 41017-0346
WOLFPEN ASSOCIATES INC		1144 STATE ROUTE 131	MILFORD,OH 45150

WOLFPEN-PLEASANT PROPERTIES LLC		7888 MUNSON ST	CAMP DENNISON, OH 45111
WOLFPEN-PLEASANT PROPERTIES LLC		5825 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
WOLTERMAN	RICHARD J.	1163 FEHL LN	CINCINNATI, OH 45230
WOODS	JACK C. & MARTHA A.	5738 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WORKMAN	VIRGINIA L.	1149 DEBLIN DR	MILFORD, OH 45150
WORTHINGTON	CONNIE S.	5781 ELWYNN DR	MILFORD,OH 45150
ZERBST	HILLA M.	300 SPRINGFIELD PK	CINCINNATI, OH 45215

Last Name	First Name	Organization	Address	City, state zip
Farrell	Dr. Robert	Milford Exempted Village School District	777 Garfield Avenue	Milford, Ohio 45150
Ellison	Kelli	Milford Jr. High School	5735 Wolfpen-Pleasant Hill Road	Milford, Ohio 45150
Bauer	Dr. Ray	Milford High School	1 Eagles Way	Milford, Ohio 45150
Pattison	George E.	Attorney at Law	285 E. Main Street	Batavia, OH 45103
Peterson	Rev. Kirk	Trinity United Methodist Church	5767 Pleasant Hill Road	Milford, OH 45150
Duckworth	David	Miami Township Administrator	6101 Meijer Drive	Miami Township, OH 45150
Dodge	Jeff	Cole and Russell Architects	537 East Pete Rose Way, Suite 200	Cincinnati, OH 45202
Lindsey	Thomas	Cole and Russell Architects	537 East Pete Rose Way, Suite 200	Cincinnati, OH 45202
Capelle	Ben	Clermont Transportation Connection	4003 Filager Rd.	Batavia, OH 45103

Wolfpen Pleasant Hill Road Improvements
from Allen Drive to SR 131



Transportation Improvement District

The Clermont County Transportation Improvement District (CCTID) will host an open house meeting to discuss the Wolfpen Pleasant Hill Road improvements

You're Invited!

An open house meeting will be held to provide information about the project and to obtain input from you.

Thursday, April 3, 2008
Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road
Anytime between 5:30 p.m. to 7:30 p.m.

What's This About?

Preliminary engineering and environmental investigations are underway for improvements to Wolfpen Pleasant Hill Road, from Allen Drive to SR 131. Wolfpen Pleasant Hill Road has experienced a significant traffic increase following the construction of By-Pass 28. The improvements are intended to enhance safety, reduce congestion and improve access to schools and residential property in the area. Aerial photography, project survey plots and graphics showing potential concepts for the improvements will be available for viewing.

Why Attend?

This is your opportunity to provide comments and suggestions about the improvements. At the meeting, the County staff and project team members will be available to answer questions, and comment sheets will be available.

Contacts

Steve Wharton
Clermont County Transportation Improvement District
Suite 150, 175 E. Main Street
Batavia, Ohio, 45103
ed3c@fuse.net
www.tid.clermontcoutnyohio.gov

Craig Stephenson, P.E.
Chief Deputy Engineer
Clermont County Engineering Office
2381 Clermont Center Drive
Batavia, Ohio, 45103
cstephenson@co.clermont.oh.us
www.clermontengineer.org

Paul Gruner, P.E.
Gresham Smith & Partners
4555 Lake Forest Drive, Suite 100
Cincinnati, Ohio, 45242
paul_gruner@gspnet.com
www.gspnet.com

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Cincinnati.Com The Community Press & The Community Recorder

Last Updated: 10:18 am | Thursday, March 27, 2008

Open house focuses on Wolfpen-Pleasant Hill Road

COMMUNITY PRESS STAFF REPORT |

MIAMI TWP. - The Clermont County Transportation Improvement District (CCTID) invites residents to attend an open house to discuss preliminary plans for improvements to Wolfpen-Pleasant Hill Road in Miami Township.

The event, held from 5:30 p.m. to 7:30 p.m. Thursday, April 3, at the Milford Junior High School cafeteria, 5735 Wolfpen-Pleasant Hill Road, will give residents a chance to see plans, maps and offer feedback.

Proposals are being considered to enhance safety, reduce congestion, and improve access to schools and residential property in the area, according to county spokesperson Kathy Lehr.

Improvements are being considered between Allen Drive and Ohio 131 on Wolfpen-Pleasant Hill Road.

Among the improvements being considered are widening the roadway to three lanes to provide a center turn lane, the addition of a southbound right turn lane into the Milford schools driveway, and numerous improvements to street intersections along Wolfpen-Pleasant Hill Road.

"This open house is a great opportunity for citizens to learn about preliminary plans for the roadway and to provide us with their suggestions," said Steve Wharton of CCTID.

Residents will be able to discuss potential plans for the roadway with CCTID members and others involved with the project, view aerial photographs, review project survey maps and study graphics showing potential concepts for the area.

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Cincinnati.Com THE ENQUIRER

Last Updated: 10:16 am | Wednesday, April 2, 2008

Meeting to discuss Miami Twp. road

BY THE ENQUIRER

CLERMONT CO. -- The Clermont County Transportation Improvement District will have an open house Thursday in the cafeteria of Milford Junior High School, 5735 Wolfpen-Pleasant Hill Road, to discuss plans for improvements to that Miami Township road.

Stop by anytime between 5:30 and 7:30 p.m. to find out what proposals are being considered.

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Wolfpen Pleasant Hill Road
Public Involvement Meeting #1
Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
ANDY JOHNS	779 Dorgene Lane, 45244	513.325.7288	andytjohns@gmail.com
JACK CUNKELMAN	5795 PLEASANT HILL	831-0708	JCUNKEL@FUSE.NET
Mary Oakley Wolff	5847 MONASSAS RUN RD	575-1049	mary.wolff@miamitwpoh.go
Troy E Patterson	285 Main St Batavia Oh	732-3860	
Jason Fales	5686 Pleasant Hill	513-239-3926	Jasondfales@Yahoo.com
PAT MANGER	1335 Harbor Cove	513-732-8068	pmanger@co.clermont.oh.u
Beth Armstrong	5986 Woodridge Dr.	513 831 9737	dyran@cinci.rr.com
W. Allman	1132 DEBLIN DR	248-0438	
Matthew J. Sick	5678 Wolfpen Pleasant Hill Rd	248-2732	smsick@fuse.net
Joe Lehnert	1129 Berdova Dr	831-8282	Joseph.Lehnert@fuse.net
Dorothy Sheehy	5829 Wolfpen	248-28-93	dsheehy1@fuse.net

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1
Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
Martha Joann Lee	5824 Wolfpen Pl Hl Rd	513-831-9312	—
Julie Felix	5788 Elwynn Dr	277-1802	
David Spinney	101 E Main Batavia	732-7300	
Brenda Fales	5686 Wolfpen-Pleasant Hill Rd	239-3926	brendafales@yahoo.com
Larry Frank	6101 Meijer Dr.	248-3725	larry.frank@miamitwp.oh.gov
Andrew Jones Jr.	5676 WOLF PEN-PLEASANT	248-1252	Sonny x68@yahoo.com
Ginny Workman	1149 Dublin Dr	831-2067	GWORKMAN@fuse.net
Deb Osborne	1848 Summit Rd. Cinc, Oh	761-1700	dosborne@ENTRAN.US
Clark Deel	5 PEBBLESTONE CT.	831-7060	CLARKDEEL@FUSE.NET
ALLEN MORGAN	1155 EMILY DR	965-8323	

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1
Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
Mary R Sears	5766 Pleasant Hill Rd	477-2134	
Trisha Jones	5832 Pleasant Hill Rd	831-0549	
Scot Lahrmer	101 E. Main St. Batavia	732-7394	
John Calhoun	5989 Woodridge Dr	831-8495	
Susan Smith	5820 Wolfpen	404-7811	ssmith008@cinci.rr.com
Peggy Hutchinson	5700 Pleasant Hill	248-0718	
Ron P. Hutchinson	5700 Pleasant Hill	513-248-0718	
Kirk Peterson	5767 Pleasant Hill Rd	831-0262	trinitykirk@fuse.net
Pat Duesing	1094 Heatherstone Way	831-8458	PDuesing@peoplepc.com
Larry Felix	5788 Elwynn Dr	831-3122	TAKRacing@msn.com

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1
Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
Monna Lambelman	5795 Wolfpen P.L. Hill	831-0708	Monna.sacos@gmail
Jennifer Hannah	5774 Elmcrest	248-1322	hannah.j@pg.com
Ed Humphrey	315 Center St Miamiville	248-3725	
James Schlichter	1098 Broadview Place	831-0860	
Jack & Patty Witt	5746 Pleasant Hill Rd	831-0877	
Kevin Dietrich	5872 Wolfpen	309-5295	wworks@fuse.net
Mary Ann Wesseler	989 Valley View Dr.	831-9376	
Henderson & Chris Smith	5765 Deb Road	831-8385	HolaFriends@Juno.com
Kevin & Sherry McDaniel	5797 Wellman Drive	831-5099	IBSNOOPY@FUSE.NET

make sure ☆ Henderson + Chris Smith they receive letter for summer meeting

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1
Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
CHRIS RAU	1130 BELDONA DR	831-2540	
Harvey + Maria Skinner	5684 WOLFPEN PL. HILL	248-3767	
Matt Arnett	1583 Orchard Valley Dr	722 4534	

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1
Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
ANTHONY CASSINELLI	5656 WOLFPEN PL HILL	831-2207	
Don Ackermann	1054 Marcie Ln	831-5707	jeandabud@AOL
Lawrence L Deel	5716 Wolfpen-Pleasant Hill Rd.	575-9221	LDeel@gethwithme.com
Donna Moyam	1155 Emily Dr.	965-8323	
KARL SCHULTZ	5752 CLYDELIS DR	831-2687	KSCHULTZ44@CINCI.RR.COM
GINA BOHANNON	1130 BERDOVA DR	831-2540	GEEBEGB1@NETSCAPE.NET
Judy Tumolo	5591 Day Dr.	831-1394	tumolo ja@aol.com
HAROLD THIELE	5829 MONASSAS RUN RD	575-9793	HTHIELE@FUSE.NET

Sign-In Sheet

Wolfpen Pleasant Hill Road Improvements
4/4/08 5:30-7:30

Name	Address	Email
Robert E. Pratt	5835 Wolfpen Rd	
Mary Snyder	6225 Watchcreek 45150	

GRESHAM SMITH AND PARTNERS

Wolfpen Pleasant Hill Road Public Involvement meeting #1

Important Issues and Concerns

Thursday, April 3, 2008- Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transport Improvement District (CCTID)

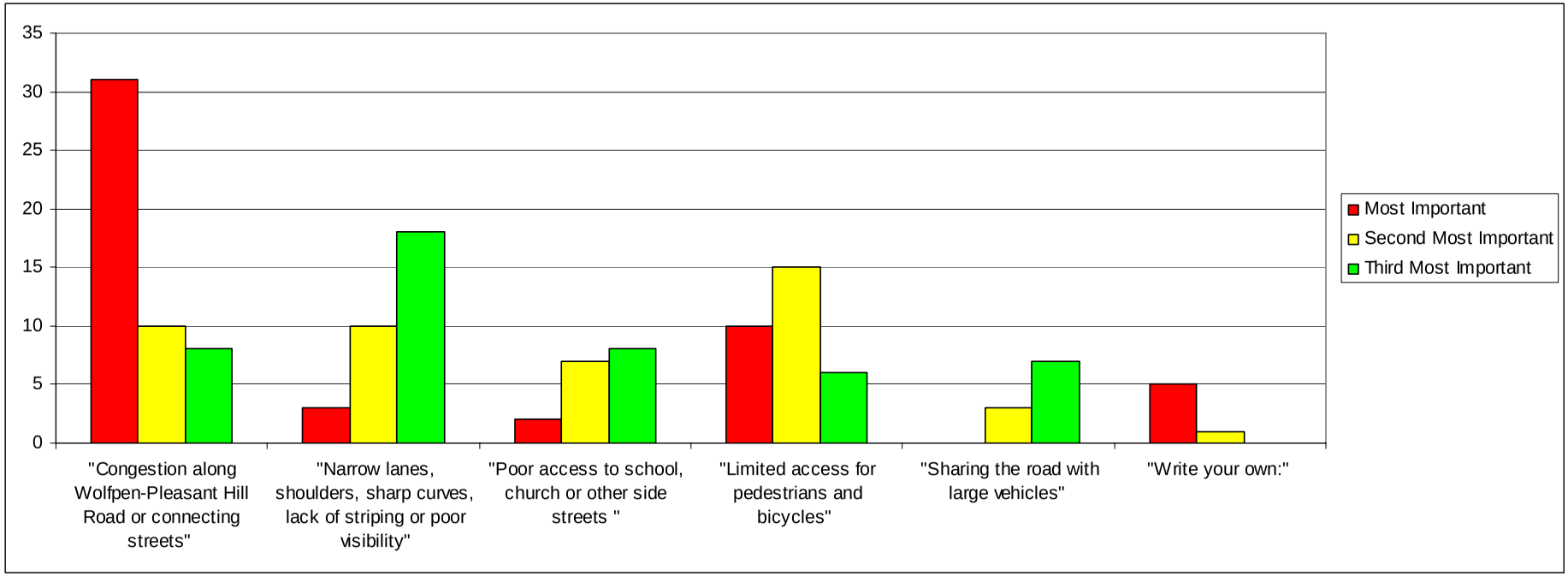
Property of Gresham, Smith and Partners

Graphical Survey

- The public was offered a board with several issues listed and the option to add their own.
- The public was also given red dots to mark the most important issues, yellow dots to mark the second most important issues, and green dots to mark the third most important issues.

Graphical Survey Results

The distribution of dots on the graphical survey:

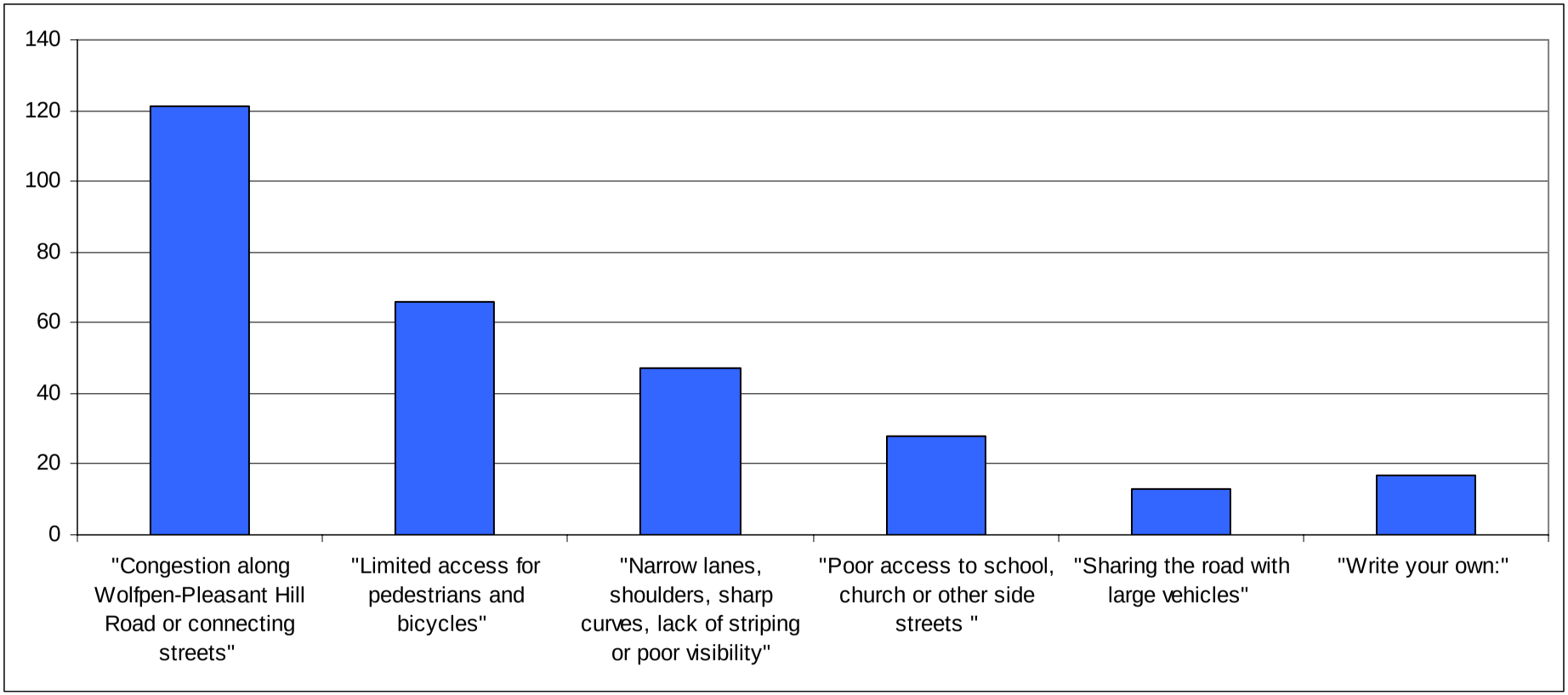


Totals:	31	10	8	3	10	18	2	7	8	10	15	6	0	3	7	5	1	0

Summary of Concerns

- A point value was assigned to each color of concern to give a weighted, overall view of the information.
  - Most Important : 3 pts
  - Second Most Important: 2 pts
  - Third most Important: 1 pt

Graphical Point Results



Point totals:	121	47	66	28	13	17

“Add your own”

- Several additional issues were added by the participants at the meeting.
  - Right of Way concerns (3/1)
  - Sight distance and Water Drainage (1)
  - The curve at Berdova (1)
  - Loss of land and trees (1)

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1

Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

What are your most important issues or concerns?

Please place the appropriate stickers next to your top three issues below.

Congestion along Wolfpen-Pleasant Hill Road or connecting streets

Narrow lanes, shoulders, sharp curves, lack of striping or poor visibility

Poor access to school, church, or other sidestreets

Limited access for pedestrians and bicycles

Crosswalk to schools Jr. HS/HS

Sidewalk safety police

Sharing the road with large vehicles

Write your own:

Right of way project

Right of way

water drainage

sight distance

CURVE @ BERDOVA

Cor of Land and Trees

Most important concern | Second most important concern | Third most important concern

CLERMONT COUNTY ENGINEER

The Clermont County Transportaion Improvement District thanks you for your input.

GRESHAM SMITH AND PARTNERS

Share your thoughts...

NEED TRAFFIC LIGHT @ DEBLIN

I agree! Yes with crosswalk

I agree!!! Also a left turn lane

- No Big Trucks on Wolfpen. - Stay on St. Routes Only!
- Lighted sidewalks, like by Montgomery Inn in Montgomery. Makes it easy to see if someone is crossing. Can't see kids walking to school. Have almost hit them! And they are dressed in black - hard to see!
- ALIGN RAINBOW + DEBLIN W/TRAFFIC LIGHT
  - - 3 LANES WILL HELP A LITTLE, BUT NOT MUCH.
- Definitely need to align Deblin Dr. + Rainbow Trail. Only way to turn left from Rainbow onto Pleasant Hill is if someone stops to let you out. If three lanes + no light, it would be impossible to get out. Too many accidents even now.
- Curve at Berdova needs to be straightened out.
- If light is put at Deblin/Rainbow it will be difficult to get out of Trinity United Methodist Church.

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1

Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

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Survey Questionnaire - What is your opinion about the current conditions along Wolfpen-Pleasant Hill Road?

You can help us better understand problems, issues, concerns, and potential impacts associated with a proposed roadway improvements in this study area. Clermont County will use your comments to develop and evaluate potential alternatives. Please return this form before leaving the meeting, or request a postage-paid envelope today and return the questionnaire by mail no later than April 30, 2008.

Your Name: Robert E. Pratt
Address: 5835 Wolf Pen-Pleasant Hill Rd
Phone (optional): (513) 965-0350 Cell # (513) 910-9408
Email Address (optional): ~~[illegible]~~ robertprattohio@yahoo.com

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☒ Too much congestion/increased traffic
- ☒ Narrow lanes
- ☒ Narrow shoulders
- ☐ Sharp curves
- ☒ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☒ No pedestrian facilities
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- ☒ 5 times or more per week
- ☐ 3-4 times per week
- ☐ 1-2 times per week
- ☐ 3-4 times per month
- ☐ 1-2 times per month
- ☐ Never
- ☐ Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- ☒ Going to/from work
- ☒ Other work related business
- ☐ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☒ Visiting family/friends
- ☒ Shopping trips
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

Needs to be a turn lane for sure, Proper Water Drainage a must. Side WALK's Needed Badly. Since School Bus Service is not for Anyone W/I a 2 mile Radius. Emergency Veh # Run Thru this ~~Stuck~~ Area 85% of the time.

AS Like Most Streets Heather Stone WAY is very hard To get out of. Certain times of the Day.

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

These could include drainage problems, scenic areas, historic sites, recreational areas or parks, natural areas or wildlife habitats, business or commercial properties, signalized locations, specific intersections, sight distance, tight curves, signing, striping, or anything else that you can think of that needs to be looked at closer.

I AM going to Request a Driveway Apron to be incorporated in the Plans.

I need two Entrys for the land Style of my property. Would like Some one to contact me on this matter.

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

Mtg was Set-up well. I Feel there should have been a Short Mtg on what's the format of the Plans to Accomplish this Goal? Maybe next Mtg will be another Mtg.

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

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Batavia, Ohio, 45103
ed3c@fuse.net
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Chief Deputy Engineer
Clermont County Engineering Offi ce
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Batavia, Ohio, 45103
cstephenson@co.clermont.oh.us
www.clermontengineer.org

Paul Gruner, P.E.
Gresham Smith & Partners
4555 Lake Forest Drive, Suite 100
Cincinnati, Ohio, 45242
paul_gruner@gspnet.com
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Your Name MARY MAKLEY WOLFF
Address: 5847 MONASSAS RUN RD
Phone (optional): 513 575-1049
Email Address (optional): mary.wolff@cinci.rr.com

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☑ Too much congestion/increased traffic
- ☐ Narrow lanes
- ☐ Narrow shoulders
- ☐ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☑ No pedestrian facilities
- ☐ Other _____

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- ☐ Other _____

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- ☑ Going to/from work
- ☑ Other work related business
- ☑ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park No Griffin Park
- ☐ Visiting other recreational areas
- ☐ Visiting family/friends
- ☐ Shopping trips
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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The road system is poorly designed and lacks pedis. access that would allow school kids to walk to and from school. Tupis planning to add sidewalk plan on ~~Sta~~ Wehrle & Ohio.

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

Your survey is wrong on Question # 3 there is no Griffin Park.

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

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Your Name: Julie Felix
Address: 5788 Elwynn Dr
Phone (optional):
Email Address (optional):

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☐ Too much congestion/increased traffic
- ☐ Narrow lanes
- ☐ Narrow shoulders
- ☐ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☒ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☐ No pedestrian facilities
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- ☒ 5 times or more per week
- ☐ 3-4 times per week
- ☐ 1-2 times per week
- ☐ 3-4 times per month
- ☐ 1-2 times per month
- ☐ Never
- ☐ Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- ☒ Going to/from work
- ☐ Other work related business
- ☐ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☐ Visiting family/friends
- ☐ Shopping trips
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

All the little subdivision roads need to connect to one another. This would alleviate the heavy congestion on Wolfpen/Pleasant Hill and give people an alternate way to travel. I have no children in school but have to fight the school traffic everyday. If there was any other way to go without going by the school I would.

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

These could include drainage problems, scenic areas, historic sites, recreational areas or parks, natural areas or wildlife habitats, business or commercial properties, signalized locations, specific intersections, sight distance, tight curves, signing, striping, or anything else that you can think of that needs to be looked at closer.

There need to be sidewalks. I could walk to shopping (Kroger, Meijer etc) if there was a safe place to walk or ride my bike.

Where's Griffin Park ?!?!

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

very friendly staff

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

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Your Name: Carey Felix
Address: 5788 Elwyn DR
Phone (optional):
Email Address (optional):

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☐ Too much congestion/increased traffic
- ☑ Narrow lanes
- ☑ Narrow shoulders
- ☐ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☑ No pedestrian facilities
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

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- ☐ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☑ Visiting family/friends
- ☑ Shopping trips
- ☑ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

Need to widen travel lanes make sholders larger and add sidewalks

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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Roads Are Unable to handle the Traffic flow with no Room to maneuver for emergency Traffic

It would Be Helpful to Have Alternative Routs of Travel to Decrease the Amount of Traffic at School Hours.

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

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Your Name: ANDY JOHNS
Address: 779 DORGENE LANE
Phone (optional): 513.325.7288
Email Address (optional): andytjohns@gmail.com

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☑ Too much congestion/increased traffic
- ☐ Narrow lanes
- ☑ Narrow shoulders
- ☑ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☑ Too many driveways
- ☐ No bike facilities
- ☑ No pedestrian facilities
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- ☐ 5 times or more per week
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- ☐ 1-2 times per week
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- ☑ 1-2 times per month
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- ☐ Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- ☐ Going to/from work
- ☐ Other work related business
- ☑ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☑ Visiting family/friends
- ☐ Shopping trips
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

BALANCE THE NEEDS OF EFFICIENT MOVEMENT OF PEOPLE AND GOODS
SAFETY IS PRIMARY CONCERN FOR SCHOOL AND ITS STAKEHOLDERS

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

MEETING WAS VERY WELL DONE!

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

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Your Name: Jennifer Hannah
Address: 5724 Elmaris, Milford OH 45150
Phone (optional): 513-248-1522
Email Address (optional): hannahij@pg.com

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☒ Too much congestion/increased traffic
- ☐ Narrow lanes
- ☐ Narrow shoulders
- ☒ Sharp curves just past Bardova towards Allen
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☒ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☒ No pedestrian facilities (esp crosswalks w/ traffic ctrl)
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- ☒ 5 times or more per week
- ☐ 3-4 times per week
- ☐ 1-2 times per week
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- ☐ 1-2 times per month
- ☐ Never
- ☐ Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- ☒ Going to/from work 1st
- ☐ Other work related business
- ☒ Going to/from school/taking kids to school 2nd
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☐ Visiting family/friends
- ☒ Shopping trips 3rd
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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A tremendous # of kids from surrounding subdivisions are walking to & from school. While most walk a fair distance away from the rd, in snow or other inclement weather, they walk or ride their bikes very close. There currently exists a sidewalk @ Deblin & @ Emily and these need to be retain in/after any road improvement for the safety of our children. At least one child was hit last yr. crossing @ Deblin and I've witnessed 3-4 near misses @ Emily & Deblin with kids trying to cross Wolfpen.

Another "danger" area is the area betwn Berdora & Deblin in terms of poor visibility & traffic flow. My daughter has rearended someone due the the traffic flow in this area.

Last, considering the increase in commercial development both @ the Allen Rd area & 131 it makes sense to widen to 3 lanes in the entire area ~~[illegible]~~

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

I had expected this to be some kind of a presentation. I was pleasantly surprised to get the 1 on 1 attn a meeting of this sort provided.

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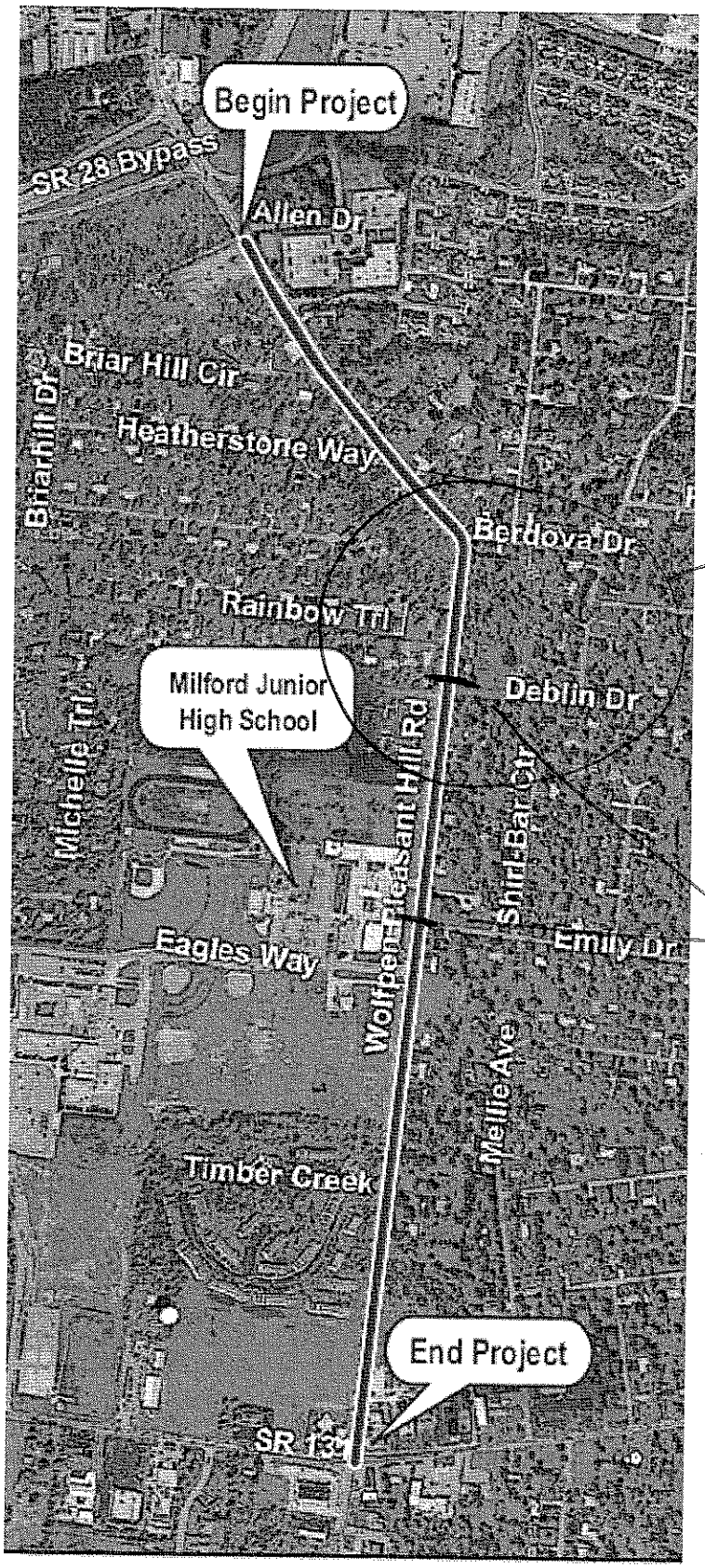
Project Map



Accident zone

Crosswalks need to be present perhaps even with traffic ctrl devices of some sort (flashing warning critical during perhaps 2 hrs.

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Your Name: Beth Armitage
Address: 5486 Woodridge Dr
Phone (optional): 831-9737
Email Address (optional): dyran@cinci.rr.com

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☒ Too much congestion/increased traffic
- ☐ Narrow lanes
- ☒ Narrow shoulders
- ☐ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☒ No bike facilities
- ☒ No pedestrian facilities
- ☐ Other _____

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- ☐ Going to/from work
- ☐ Other work related business
- ☐ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☐ Visiting family/friends
- ☐ Shopping trips
- ☐ Church attendance
- ☐ Other Library

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

Great meeting, plenty of people to answer questions - Thanks!

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

Steve Wharton
Clermont County Transportation Improvement District
Suite 150, 175 E. Main Street
Batavia, Ohio, 45103
ed3c@fuse.net
www.tid.clermontcoutnyohio.gov

Craig Stephenson, P.E.
Chief Deputy Engineer
Clermont County Engineering Offi ce
2381 Clermont Center Drive
Batavia, Ohio, 45103
cstephenson@co.clermont.oh.us
www.clermontengineer.org

Paul Gruner, P.E.
Gresham Smith & Partners
4555 Lake Forest Drive, Suite 100
Cincinnati, Ohio, 45242
paul_gruner@gspnet.com
www.gspnet.com

Wolfpen Pleasant Hill Road
Public Involvement Meeting #1

Thursday, April 3, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Preliminary engineering and environmental investigations are underway for improvements to Wolfpen Pleasant Hill Road, from Allen Drive to SR 131. Wolfpen Pleasant Hill Road has experienced a significant traffic increase following the construction of By-Pass 28. The improvements are intended to enhance safety, reduce congestion and improve access to schools and residential property in the area.

Survey Questionnaire - What is your opinion about the current conditions along Wolfpen-Pleasant Hill Road?

You can help us better understand problems, issues, concerns, and potential impacts associated with a proposed roadway improvements in this study area. Clermont County will use your comments to develop and evaluate potential alternatives. Please return this form before leaving the meeting, or request a postage-paid envelope today and return the questionnaire by mail no later than April 30, 2008.

Your Name: Martha Joann Lee
Address: 5824 Wolfpen Pleasant Hill Rd
Phone (optional): 513-831-1/9312
Email Address (optional): —

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☑ Too much congestion/increased traffic
- ☑ Narrow lanes
- ☑ Narrow shoulders
- ☑ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☑ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☑ No pedestrian facilities
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- ☑ 5 times or more per week
- ☐ 3-4 times per week
- ☐ 1-2 times per week
- ☐ 3-4 times per month
- ☐ 1-2 times per month
- ☐ Never
- ☐ Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- ☐ Going to/from work
- ☑ Other work related business
- ☐ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☐ Visiting family/friends
- ☐ Shopping trips
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

These could include drainage problems, scenic areas, historic sites, recreational areas or parks, natural areas or wildlife habitats, business or commercial properties, signalized locations, specific intersections, sight distance, tight curves, signing, striping, or anything else that you can think of that needs to be looked at closer.

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Your Name Joseph Lehnert
Address: 1129 Berdown
Phone (optional): 831-8282
Email Address (optional): joseph.Lehnert@fuse.net

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- [x] Too much congestion/increased traffic
- [ ] Narrow lanes
- [ ] Narrow shoulders
- [x] Sharp curves
- [ ] Large vehicles (trucks, tractors, rvs)
- [ ] Lack of access to surrounding roadways
- [x] Poor visibility
- [ ] Lack of striping
- [ ] Too many driveways
- [x] No bike facilities
- [x] No pedestrian facilities
- [ ] Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- [x] 5 times or more per week
- [ ] 3-4 times per week
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- [ ] 1-2 times per month
- [ ] Never
- [ ] Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- [x] Going to/from work
- [ ] Other work related business
- [x] Going to/from school/taking kids to school
- [ ] Visiting Griffin Park
- [x] Visiting other recreational areas
- [x] Visiting family/friends
- [x] Shopping trips
- [ ] Church attendance
- [ ] Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

These could include drainage problems, scenic areas, historic sites, recreational areas or parks, natural areas or wildlife habitats, business or commercial properties, signalized locations, specific intersections, sight distance, tight curves, signing, striping, or anything else that you can think of that needs to be looked at closer.

It would not bother me if we were to either cul-d-sac or have a no left turn at Wolfpen and Berdoua Dr.

The drainage system @ Berdoua I would like to see it upgraded. Water has backed up in my and other Neighbors Basements During heavy rains. The Existing tiles become obstructed easily. (under wolfPen)

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

Informitive

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

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Your Name: Dorothy Sheehy
Address: 5829 Wolfpen Pleasant Hill
Phone (optional): 248-2844
Email Address (optional): dsheehy1@fuse.net

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☒ Too much congestion/increased traffic
- ☐ Narrow lanes
- ☐ Narrow shoulders
- ☐ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☒ No pedestrian facilities
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- ☒ 5 times or more per week
- ☐ 3-4 times per week
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- ☐ Never
- ☐ Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- ☒ Going to/from work
- ☐ Other work related business
- ☐ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☐ Visiting family/friends
- ☐ Shopping trips
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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Drainage problems due to ditches overgrown

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

Staff helpful

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Your Name: Kevin Dietrich
Address: 5872 Wolfpen Pleasant Hill Rd.
Phone (optional): 513-309-5295
Email Address (optional): wworks@fuse.net

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- ☒ Too much congestion/increased traffic
- ☐ Narrow lanes
- ☐ Narrow shoulders
- ☐ Sharp curves
- ☐ Large vehicles (trucks, tractors, rvs)
- ☐ Lack of access to surrounding roadways
- ☐ Poor visibility
- ☐ Lack of striping
- ☐ Too many driveways
- ☐ No bike facilities
- ☐ No pedestrian facilities
- ☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- ☒ 5 times or more per week
- ☐ 3-4 times per week
- ☐ 1-2 times per week
- ☐ 3-4 times per month
- ☐ 1-2 times per month
- ☐ Never
- ☐ Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- ☒ Going to/from work
- ☐ Other work related business
- ☐ Going to/from school/taking kids to school
- ☐ Visiting Griffin Park
- ☐ Visiting other recreational areas
- ☐ Visiting family/friends
- ☐ Shopping trips
- ☐ Church attendance
- ☐ Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

The medians will help prevent clogs (esp. left hand turns during rush hour).

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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Your Name: KARL SCHULTZ
Address: 5252 CLYCRIS DR, MILFORD, OH 45150
Phone (optional): 831-2687
Email Address (optional): KSCHULTZ44@CINCI.RR.COM

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- [x] Too much congestion/increased traffic
- [ ] Narrow lanes
- [ ] Narrow shoulders
- [ ] Sharp curves
- [ ] Large vehicles (trucks, tractors, rvs)
- [ ] Lack of access to surrounding roadways
- [ ] Poor visibility
- [ ] Lack of striping
- [ ] Too many driveways
- [ ] No bike facilities
- [ ] No pedestrian facilities
- [x] Other POOR SIDE STREET ALIGNMENT

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- [x] 5 times or more per week
- [ ] 3-4 times per week
- [ ] 1-2 times per week
- [ ] 3-4 times per month
- [ ] 1-2 times per month
- [ ] Never
- [ ] Other _____

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

- [ ] Going to/from work
- [ ] Other work related business
- [ ] Going to/from school/taking kids to school
- [ ] Visiting Griffin Park
- [ ] Visiting other recreational areas
- [ ] Visiting family/friends
- [ ] Shopping trips
- [ ] Church attendance
- [x] Other ONLY ACCESS FROM CLYCRIS DR

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

(1) 3 LANES WILL BE AN IMPROVEMENT, BUT NEED ALIGNMENT OF DEBLIN + RAINBOW
(2) SIDEWALKS FOR SCHOOL CHILDREN WILL BE AN ASSET - NEEDED FOR DEBLIN ALSO

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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Your Name	Susan Smith
Address:	5820 Wolfpen
Phone (optional):	513-404-7811
Email Address (optional):	SSmith008@cinci.rr.com

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

☑ Too much congestion/increased traffic	☐ Poor visibility
☐ Narrow lanes	☐ Lack of striping
☐ Narrow shoulders	☐ Too many driveways
☑ Sharp curves	☐ No bike facilities
☐ Large vehicles (trucks, tractors, rvs)	☐ No pedestrian facilities
☐ Lack of access to surrounding roadways	☐ Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

☑ 5 times or more per week	☐ 1-2 times per month
☐ 3-4 times per week	☐ Never
☐ 1-2 times per week	☐ Other _____
☐ 3-4 times per month	

3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

☑ Going to/from work	☐ Visiting family/friends
☐ Other work related business	☐ Shopping trips
☐ Going to/from school/taking kids to school	☐ Church attendance
☐ Visiting Griffin Park	☐ Other _____
☐ Visiting other recreational areas	

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

Wider Roads please !!

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

These could include drainage problems, scenic areas, historic sites, recreational areas or parks, natural areas or wildlife habitats, business or commercial properties, signalized locations, specific intersections, sight distance, tight curves, signing, striping, or anything else that you can think of that needs to be looked at closer.

The curve near Bedova has caused many accidents near my home. My fear is that the upgraded roaend will cause more problems, possibly a car in my house!

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

Excellent! Questions were answered. Good maps, pictures & road!

We value your comments. Thank you for taking the time to complete this form. If you did not receive a postage-paid envelop, please send this survey questionnaire as well as any future comments and questions to:

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Your Name: Pat Duesing
Address: 1094 Heatherstone Way Milford OH 45150
Phone (optional): 513-831-8458
Email Address (optional):

1. What are the most significant travel problems that exist in this area of Clermont County?
Please elaborate below and/or mark problem locations on the attached map.

- [x] Too much congestion/increased traffic
- [ ] Narrow lanes
- [ ] Narrow shoulders
- [ ] Sharp curves
- [ ] Large vehicles (trucks, tractors, rvs)
- [x] Lack of access to surrounding roadways
- [ ] Poor visibility
- [ ] Lack of striping
- [ ] Too many driveways
- [ ] No bike facilities
- [x] No pedestrian facilities
- [ ] Other _____

2. How often do you use Wolfpen Pleasant Hill Road or other roads in this vicinity?

- [x] 5 times or more per week
- [ ] 3-4 times per week
- [ ] 1-2 times per week
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- [ ] 1-2 times per month
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3. If you do use Wolfpen Pleasant Hill Road or other roads in this vicinity, what is the *primary* purpose of your trips?

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- [ ] Going to/from school/taking kids to school
- [ ] Visiting Griffin Park
- [ ] Visiting other recreational areas
- [ ] Visiting family/friends
- [ ] Shopping trips
- [ ] Church attendance
- [ ] Other _____

4. Please comment on your thoughts as to how best we can address the concerns and needs stated above

Need to widen the road, a turn lane would be good also a side walk.

5. General Comments or Concerns - Are there sensitive areas that should be considered in the study area?

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Safety concerns for cars, Pedestrians and bikes would need to maintain traffic flow during construction

5. Please give us some feedback about this public meeting. (i.e. Did we have enough staff? Did they help you with your questions?)

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Wolfpen Pleasant Hill Road Improvements

Between Allen Drive & SR 131 - 2nd Public Involvement Meeting

Transportation Improvement District - Clermont County, OH

The Clermont County Transportation Improvement District (CCTID) will host an open house meeting to discuss the Wolfpen Pleasant Hill Road improvements.

You're Invited

An open house meeting will be held to provide information about the project and to obtain input from you. Mark your calendars for:

Wednesday, October 1, 2008
Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road
Anytime between 5:30 p.m. to 7:30 p.m.

What's this About?

We are pleased to begin discussing some solutions to concerns that were voiced by the community at our first public involvement meeting held on April 3, 2008. The Clermont County Transportation Improvement District is interested in hearing your input on important things such as safety, congestion, access to properties within this corridor, drainage and pedestrian destinations among other things. The project team will be bringing color maps and interactive exhibits to help gather your input and help communicate design concepts.

Why attend?

We need your help! This is the last opportunity to provide comments and suggestions about the improvements that could directly impact the project approach. At the meeting, the County staff and project team members will be available to answer questions, and comment sheets will be available. If you are unable to attend, meeting materials will be available on the CCTID web site and comments can be mailed to any of the contacts listed below.

Clermont County Transportation Improvement District (CCTID)

GRESHAM SMITH AND PARTNERS

Contacts:

Steve Wharton
Clermont County Transportation Improvement District
Suite 150, 175 E. Main Street
Batavia, Ohio, 45103
ed3c@fuse.net
www.tid.clermontcoutnyohio.gov

Craig Stephenson, P.E.
Chief Deputy Engineer
Clermont County Engineering Office
2381 Clermont Center Drive
Batavia, Ohio, 45103
cstephenson@co.clermont.oh.us
www.clermontengineer.org

Paul Gruner, P.E.
Gresham Smith & Partners
4555 Lake Forest Drive, Suite 100
Cincinnati, Ohio, 45242
Paul_gruner@gspnet.com
www.gspnet.com

Last Name	First Name	Address	City, state zip
AILLS	RALPH H. & GINA R.	5762 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
ALLMAN	DARYL W.	1133 DEBLIN DR	MILFORD, OH 45150
ANDERSON, TRUSTEE	FLORENCE	5826 ELWYNN DR	MILFORD, OH 45150
B G DEVELOPMENT		3263 HOMEWARD WAY	FAIRFIELD, OH 45014
BARLOW	LARRY & RAMONA	5779 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
BARRINGTON, INC.		8044 MONTGOMERY ROAD SUITE 302	CINCINNATI, OH 45236-2922
BELL	G. THOMAS & MARY C.	5846 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
BERWANGER	LOUISE	5750 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
BOARD OF EDUCATION OF THE MILFORD EXEMPTED VILLAGE SCHOOLS		525 LILA AVENUE	MILFORD, OH 45150
BOHANNON	REGINA M.	1130 BERDOVA DR	MILFORD, OH 45150
BRANKAMP	GERALD & CHERYL	1114 MORNINGSIDE CIRCLE	MILFORD, OH 45150
BUSTLE	GARY WAYNE & CAROLYN YVONNE	1162 EMILY DR	MILFORD, OH 45150
CASSINELLI	ANTHONY P.	5656 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
CHAPMAN	BENJAMIN L.	1153 DEBLIN DR	MILFORD, OH 45150
CRABTREE VI LLC		5243 PROVIDENCE RIDGE DR	HAMILTON, OH 45011
CRABTREE VI LLC		1149 - 1157 STATE ROUTE 131	MILFORD, OH 45150
CUNKELMAN, TRUSTEES	JACK P. & DONNA L.	5795 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
DANIEL	DONALD G. & BETTY	2028 CEMETERY ROAD	GOSHEN, OH 45122
DAY, TRUSTEE	MARY C.	5580 PLEASANT VIEW DR	MILFORD, OH 45150
DEEL	CLARK R. & MARILYN J.	5 PEBBLESTONE CT	MILFORD, OH 45150
DIETRICH	RAYMOND M. & CARLYN J.	2558 EIGHT MILE RD	CINCINNATI, OH 45244
EGGLETON	MATTHEW M. & WENDI G.	5854 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
EMRO MARKETING COMPANY PROPERTY TAX RECORDS		539 S MAIN ST	FINDLAY, OH 45840
EMRO MARKETING COMPANY		1143 STATE ROUTE 131	MILFORD,OH 45150
EVELYN ENTERPRISES LLC		7181 FOXVIEW DR	CINCINNATI, OH 45255
EVELYN ENTERPRISES LLC		5865 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
FALES	JASON & BRENDA	5686 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
FAMILY DOLLAR STORES #6243		PO BOX 1017	CHARLOTTE, NC 28201
FAMILY DOLLAR STORES #6243		1147 STATE ROUTE 131	MILFORD,OH 45150
FELIX	LARRY RICHARD	5788 ELWYNNE DR	MILFORD, OH 45150
FRAZIER	KENNETH & CHERYL A.	986 APPLE BLOSSOM LN	MILFORD, OH 45150
HABOUSH	FADI	5368 COUNTRY LANE	MILFORD, OH 45150
HALLMAN, TRUSTEE	MARGARET L.	5694 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
HARALSON	FLETCHER L. & JOYCE L.	5706 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
HARKLEROAD	WILLIAM E., JR & PATRICIA J.	1014 HOSPITAL DR SUITE 102	BATAVIA, OH 45103
HARKLEROAD	WILLIAM E., JR & PATRICIA J.	5609 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
HAYDEN	ALEXANDER F.	1137 DEBLIN DR	MILFORD, OH 45150

HOWARD	AVERY	5616 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
HUTCHINSON, TRUSTEES	DAVID P. & MARGARET A.	5700 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
JOINER, JR	BOYD KEITH	5785 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
JONES	ANDREW JR & ANGELLA S.	5676 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
JONES	TRISHA MAY	5832 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
KIRK	EDGAR, JR & VINA C.	1158 DEBLIN DR	MILFORD, OH 45150
LADENBURGER	SANDY	P O BOX 5	FAYETTEVILLE, OH 45118
LADENBURGER	SANDY	5607 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
LEE	MARTHA & DAVID	5824 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
LEHNERT	MILDRED J. & JOSEPH L.	1129 BERDOVA DR	MILFORD, OH 45150
LOOMIS	WILLIAM H.	5628 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
LOUIS METRO & KAREN METRO FAMILY LLC		441 E STATE ROUTE 73	SPRINGBORO, OH 45066
LOUIS METRO & KAREN METRO FAMILY LLC		1126 STATE ROUTE 131	MILFORD, OH 45150
LYDO PROPERTIES NO 2 LLC		PO BOX 176	MILFORD, OH 45150
LYDO PROPERTIES NO 2 LLC		5790 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
MARSHALL	CHRISTINE L.	1161 EMILY DR	MILFORD, OH 45150
MCBURNEY	WILLIAM G. & NANCY C.	1123 HEATHERSTONE WAY	MILFORD, OH 45150
MCCLANAHAN	DONALD J. & JANET H.	716 CHERRY ST	BLANCHESTER, OH 45107
MCCLANAHAN	DONALD J. & JANET H.	1116 HEATHERSTONE WAY	MILFORD, OH 45150
MCQUERY	SHERRY ANN MCDARTY & TERRY L	5797 WILLNEAN DR	MILFORD, OH 45150
MECHLEM	DAPHNE J.	5776 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
ML BARNARD PROPERTIES INC.		4360 FERGUSON DR SUITE 160	CINCINNATI, OH 45245
ML BARNARD PROPERTIES INC.		1103 ALLEN DR	MILFORD, OH 45150
MOND	GARY G. LA	5616 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
MOORMAN	AUGUST S. & C. E.	5754 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
MORGAN	LEN B. & DONNA S.	1155 EMILY DR	MILFORD, OH 45150
MOUNCE	ROBERT & IRENE	5785 ELWYNN DR	MILFORD, OH 45150
MVSL WOLFPEN LLC		9349 WATERSTONE BLVD	CINCINNATI, OH 45249
MVSL WOLFPEN LLC		5877 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
PARKER	JOHNNY D.	1157 DEBLIN DR	MILFORD, OH 45150
PATTERSON	JO ANN & RALPH	1145 DEBLIN DR	MILFORD, OH 45150
PETRY	MICHAEL D.	5780 ELWYNN DR	MILFORD, OH 45150
PHELPS	BOBBY JOE	1157 EMILY DR	MILFORD, OH 45150
PLEASANT RUN TOWNE HOMES LIMITED PARTNERSHIP		1225 DUBLIN RD	COLUMBUS, OH 43215
PLEASANT RUN TOWNE HOMES LIMITED PARTNERSHIP		5398 TIMBER CREEK DR	MILFORD, OH 45150
POWELL	RAYMOND & OLA F.	6968 LIGHTHOUSE POINTE	MAINEVILLE, OH 45039
PRATT	ROBERT E.	5835 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
QGH LTD		QGH LTD 1295 H-LYONS	DAYTON, OH 45458

RILEY	CLIFFORD & R. ELAINE	5610 WILD ROSE LN	MILFORD, OH 45150
SCHARFENBERGER	SHIRLEY B.	8561 NEW ENGLAND COURT	CINCINNATI, OH 45236-2093
SEARS	MARY R.	5766 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SHEEHY	DOROTHY	5829 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SICK	MATTHEW J. & STEPHANIE L.	5678 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
SKINNER	HARVEY & MARIA	5684 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SMITH	ALTA SUSAN	5820 WOLFPEN-PLEASANT HILL RD PO	MILFORD, OH 45150
SOWDER	EDWARD A. & FRANCE M.	1136 DEBLIN DR	MILFORD, OH 45150
SPRADLIN	BERTHA M.	1158 STATE ROUTE 131	MILFORD, OH 45150
STURGIS, TRS	RICHARD G. & DANEEN	5855 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
SUTTON	DAVE & MELISSA	5789 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
TATCO WOLFPEN LTD		3978-02 OCCUPANCY EXPENSE DEPT 1	WOONSOCKET, RI 02895
TATCO WOLFPEN LTD		1137 STATE ROUTE 131	MILFORD,OH 45150
THACKER	GOLDENA	5785 ELWYNN DR	MILFORD, OH 45150
THOMAS	BILLY A.	5758 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
TRESTER	BRIAN	1402 FINCH LANE	MILFORD, OH 45150-2648
TRINITY UNITED METHODIST CHURCH		5767 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
TRISKA	EDMUND J. & BARBARA A.	5712 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
TURNER	JEANNE M. TOWNSLEY SMITH AND	1129 RAINBOW TRAIL	MILFORD, OH 45150
UNITED DAIRY FARMERS INC		3955 MONTGOMERY ROAD	CINCINNATI, OH 45212
VEARIL	GLENN E.	1156 EMILY DR	MILFORD, OH 45150
VIGH, TR	ALEXANDER	8010 BLOME RD	CINCINNATI, OH 45243
WALTER	KATHY R. & MICHELLE	1126 RAINBOW TRAIL	MILFORD, OH 45150
WEHRUNG	LINDA K.	5 LAUREL LN	HILTON HEAD, SC 29928
WEIR	DIXIE D.	6112 GUINEA PIKE	MILFORD, OH 45150
WENECK	DENNIS & DONNA	1130 RAINBOW TRAIL	MILFORD, OH 45150
WESSELER	MARY ANN	989 VALLEY VIEW DR	MILFORD, OH 45150
WHERRY	ERIN	1115 MORNINGSIDE CIRCLE	MILFORD, OH 45150
WHITE	KATHY	5734 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WILKING	STEVEN J. & PATRICIA K.	5604 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WILLIAMS, TRUSTEES	CLEO A. & RUTH A.	5773 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WILSON	ROY G.	5585 BETTY LN	MILFORD, OH 45150
WITT	JACK W. & PATTY D.	5746 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WOLFPEN ASSOCIATES INC		P O BOX 17346	COVINGTON, KY 41017-0346
WOLFPEN ASSOCIATES INC		1144 STATE ROUTE 131	MILFORD,OH 45150
WOLFPEN-PLEASANT PROPERTIES LLC		7888 MUNSON ST	CAMP DENNISON, OH 45111
WOLFPEN-PLEASANT PROPERTIES LLC		5825 WOLFPEN-PLEASANT HILL RD	MILFORD,OH 45150
WOLTERMAN	RICHARD J.	1163 FEHL LN	CINCINNATI, OH 45230
WOODS	JACK C. & MARTHA A.	5738 WOLFPEN-PLEASANT HILL RD	MILFORD, OH 45150
WORKMAN	VIRGINIA L.	1149 DEBLIN DR	MILFORD, OH 45150

WORTHINGTON	CONNIE S.	5781 ELWYNN DR	MILFORD,OH 45150
ZERBST	HILLA M.	300 SPRINGFIELD PK	CINCINNATI, OH 45215
SMITH	HENDERSON & CHRIS	5765 DEB RANAL COURT	MILFORD, OH 45150

Last Name	First Name	Organization	Address	City, state zip
Farrell	Dr. Robert	Milford Exempted Village School District	777 Garfield Avenue	Milford, Ohio 45150
Ellison	Kelli	Milford Jr. High School	5735 Wolfpen-Pleasant Hill Road	Milford, Ohio 45150
Bauer	Dr. Ray	Milford High School	1 Eagles Way	Milford, Ohio 45150
Pattison	George E.	Attorney at Law	285 E. Main Street	Batavia, OH 45103
Peterson	Rev. Kirk	Trinity United Methodist Church	5767 Pleasant Hill Road	Milford, OH 45150
Duckworth	David	Miami Township Administrator	6101 Meijer Drive	Miami Township, OH 45150
Dodge	Jeff	Cole and Russell Architects	537 East Pete Rose Way, Suite 200	Cincinnati, OH 45202
Lindsey	Thomas	Cole and Russell Architects	537 East Pete Rose Way, Suite 200	Cincinnati, OH 45202
Capelle	Ben	Clermont Transportation Connection	4003 Filager Rd.	Batavia, OH 45103

Clermont County Transportation Improvement District

The Clermont County Transportation Improvement District (CCTID) was established in June 2006, pursuant to O.R.C. 5540, by the Board of Clermont County Commissioners to foster increased collaboration with local partner jurisdictions, and other county, regional, state and federal agencies to implement a regional approach to transportation improvements in support of economic development in Clermont County.

CCTID is structured to provide combined technical, legal and financial capability to link transportation investments that foster economic development in Clermont County. The CCTID performs a strategic capital investment and management function and serves as "bank" for pooled revenues and joint funding to manage implementation of the Clermont County's strategic corridor economic development.

A key element of the CCTID regional transportation improvement program is to pool funds and resources available to the County, it's local jurisdictions and private sector investment partners to leverage available non-federal match for federal funding purposes. This approach will allow local funding jurisdictions to contribute to a pooled local match based on the timing and availability of their local funds and resources.

CCTID is moving forward with developing new concepts for implementing transportation and infrastructure improvement projects that combine and develop the resources available to our public and private sector partners to advance economic development in Clermont County while maximizing the value of taxpayer dollars.

CCTID seeks and builds alliances and partnerships that harness private sector innovation and resources, encourages competition, and optimizes the assignment of risk. This approach requires, along with traditional methods, joint development partnerships with the private sector and other public interests to bring about cost-effective and environmentally compatible approaches and techniques for transportation infrastructure project development and delivery.

Contact Us

Clermont County Transportation Improvement District
175 E. Main Street – Suite 150
Batavia, OH 45103

What's New

Wolfpen Pleasant Hill Road Improvements Open House

The 2nd Public Involvement open house meeting will be held to provide information about the project and to obtain public input.

Mark your calendars for:

Wednesday, October 1, 2008
Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road
Anytime between 5:30 p.m. to 7:30 p.m.

Clough Pike Improvements Project

Public Open House Progress Meeting An open house meeting will be held to present conceptual alternatives and receive comments from the public on the Clough Pike Improvements Project.

Monday, October 6, 2008
Union Township Civic Center
4350 Aicholtz Road
Union Township, Ohio 45245
Anytime between 5:30 pm to 7:30 pm

SR 32 East Public Open House Meeting

It has come to our attention that you may not have received our original meeting announcement in time to attend the SR 32 East Public Open House Meetings on September 23rd and 24th.

Your input is important to the future of the SR 32 East Corridor, so we have scheduled an additional meeting and we hope that you can come.

Thursday, October 16, 2008
Clermont County Engineer's Office
2381 Clermont Center Drive
Batavia, OH 45103
Anytime from 5:30 p.m. to 7:00 p.m.

This Open House will contain the same information presented on September 23rd and 24th. In addition we have extended the comment period until October 31, 2008. Please help decide the future of the SR 32 East Corridor.

Contact Us

Have a question? Not finding what you're looking for? We want to hear from you, click here to contact us.

Wolfpen Pleasant Hill Road
Public Involvement Meeting #2
Wednesday, October 1, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
Margaret Hutchman	5700 Pleasant Hill	513 248-0718	
Dan Hutchman	Same	"	
Bill & Shirley Moore	Projection Co		
Craig Stephensen	CCEO		
[illegible]	Miami Twp Trustee		
Doug Peterson	285 Main St Batavia Oh	732-3800 45103	
Isaac Anderson	5501 Pleasant Hill	965-8302	

Page __ of __

Wolfpen Pleasant Hill Road
Public Involvement Meeting #2
Wednesday, October 1, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
Tim Brown	974 Hollow Creek		
Larry Frank	Miami Twp 6101 Meijer Dr	248-3725	larry.frank@miamitwpoh.gov
JACK CUNKELMAN	5795 PLEASANT HILL	831 0708	JACKCUNKEL@MYWAY.COM
Joe Lehnert	1129 Bordova Drive	831-8282	Joseph.Lehnert@fuse.net
Margaret Tyler	511 Union St, 1400 Nashville City Ctr, Nashville, TN 37219	615/770-8476	margaret.tyler@gsp.net
Robert Pratt	5835 Wolfpen Rd	965-0350	RobertPrattOHIO@yahoo.
Brenda Fales	5686 Wolfpen-Pleasant Hill Rd	239-3926	brendafales@yahoo.com
Henderson (Chris Smith)	5765 Deb Ranch Ct	831-8385	

Wolfpen Pleasant Hill Road
Public Involvement Meeting #2
Wednesday, October 1, 2008 – Milford Jr. High School Cafeteria
5735 Wolfpen Pleasant Hill Road – 5:30 p.m. to 7:30 p.m.
Clermont County Transportation Improvement District (CCTID)

Name	Address	Phone	E-Mail
Dixie Weir	5819 Pleasant Hill Rd	575-1213	
John Calhoun	5989 Woodridge Dr	831-8495	JCALHOUN11@CINCI.RR.COM
Donna Chuckman	5795 Pleas. Hill Rd.	831-0708	Donnasmos@gmail.com
Steve Wharton	175 E. Main St. Batavia, OH 45103	513 289-9051	edsc@fuse.net
Susan Smith	5820 Wolfpen 45150	513-404-7811	SSMITH008@cinci.rr.com
Paul Gruner	4555 Lake Forest Ste 100 45242	513-563-7600	paul_gruner@gspnet.com
Dorothy Sheehy	5829 Wolfpen	513-248-2894	dsheehy1@fuse.net
Ginny Workman	1149 Deblin Dr	513-831-2067	GINNYWORKMAN2@AOL.com
Richard Sturgis	5855 Pleasant Hill Rd	513-248-9426	—
Doreen Sturgis	5859 Wolfpen	248-9426	—

Page __ of __

Wolfpen Pleasant Hill Road
Public Involvement Meeting #2
Wednesday, October 1, 2008 – 5:30 p.m. to 7:30 p.m.
Milford Jr. High School Cafeteria - 5735 Wolfpen Pleasant Hill Road
Clermont County Transportation Improvement District (CCTID)

Using the concerns that were voiced at the previous public involvement meeting, solutions have been developed that will improve the current conditions on Wolfpen Pleasant Hill Drive. Your input is needed on things such as safety, pedestrian crossings, access to properties within this corridor, and drainage among other things. Your comments will be used to further develop the improvements.

Please return this form before leaving the meeting, or request a postage-paid envelope today and please return no later than October 27.

Survey Questionnaire - What is your opinion about the improvements suggested?

Your Name: George E. Patterson
Address:
Phone (optional):
Email Address (optional):

1. Where do you want to walk to?
Please elaborate below and/or mark specific areas on attached map.

- ☐ School
- ☐ Church
- ☐ Shopping
- ☐ Library
- ☐ Parks, Recreational Areas
- ☐ Other

2. What do you still have concerns about?
Please elaborate below and/or mark specific areas on attached map.

Plan looks good.

3. Please give us some feedback about this public involvement meeting. (Were there enough staff available? Were your questions answered?)

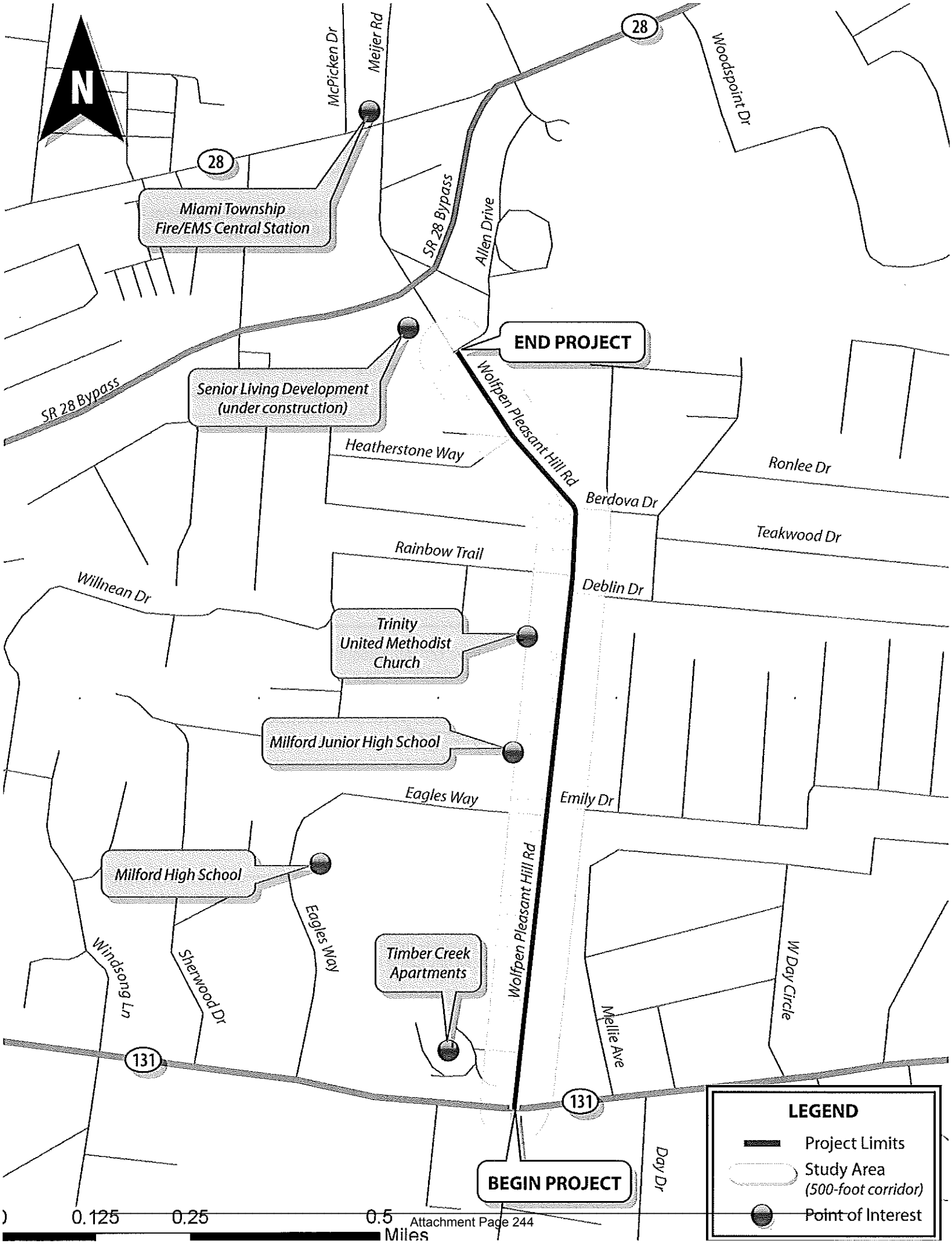
Good meeting

We value your comments. Thank you for taking time to complete this form. If you did not receive a postage-paid envelope, please send this survey as well as any future comments and questions to:

Steve Wharton
Clermont County Transportation Improvement District
175 E. Main Street, Suite 150
Batavia, OH 4513
ed3c@fuse.net
www.tid.clermontcountyohio.gov

Craig Stephenson, P.E.
Chief Deputy Engineer
Clermont County Engineering Office
2381 Clermont Center Drive
Batavia, OH 4513
cstephenson@co.clermont.oh.us
www.clermontengineer.org

Paul Gruner, P.E.
Gresham, Smith, & Partners
4555 Lake Forest Drive, Suite 100
Cincinnati, OH 45242
paul_gruner@gspnet.com
www.gspnet.com


N
28
McPicken Dr
Meijer Rd
Woodspoint Dr
Miami Township
Fire/EMS Central Station
SR 28 Bypass
Allen Drive
END PROJECT
Senior Living Development
(under construction)
Wolfpen Pleasant Hill Rd
Heatherstone Way
Ronlee Dr
Berdova Dr
Teakwood Dr
Rainbow Trail
Willnean Dr
Deblin Dr
Trinity
United Methodist
Church
Milford Junior High School
Eagles Way
Emily Dr
Milford High School
Eagles Way
Windsong Ln
Sherwood Dr
Timber Creek
Apartments
Wolfpen Pleasant Hill Rd
Mellie Ave
W Day Circle
131
131
Day Dr
BEGIN PROJECT
LEGEND
Project Limits
Study Area
(500-foot corridor)
Point of Interest
0.125
0.25
0.5
Miles

Wolfpen Pleasant Hill Road
Public Involvement Meeting #2
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Milford Jr. High School Cafeteria - 5735 Wolfpen Pleasant Hill Road
Clermont County Transportation Improvement District (CCTID)

Using the concerns that were voiced at the previous public involvement meeting, solutions have been developed that will improve the current conditions on Wolfpen Pleasant Hill Drive. Your input is needed on things such as safety, pedestrian crossings, access to properties within this corridor, and drainage among other things. Your comments will be used to further develop the improvements.

Please return this form before leaving the meeting, or request a postage-paid envelope today and please return no later than October 27.

Survey Questionnaire - What is your opinion about the improvements suggested?

Your Name: Joe Lehnert
Address: 1129 Berdora Dr.
Phone (optional): 831-8282
Email Address (optional):

1. Where do you want to walk to?
Please elaborate below and/or mark specific areas on attached map.

- [x] School
- [ ] Church
- [x] Shopping
- [x] Library
- [ ] Parks, Recreational Areas
- [x] Other: Restaurants

2. What do you still have concerns about?
Please elaborate below and/or mark specific areas on attached map.

Hopefully the drainage backup will be solved at Berdora and Wolfpen. Sounds like it will. everything else sounds good.

3. Please give us some feedback about this public involvement meeting. (Were there enough staff available? Were your questions answered?)

yes.

We value your comments. Thank you for taking time to complete this form. If you did not receive a postage-paid envelope, please send this survey as well as any future comments and questions to:

Steve Wharton
Clermont County Transportation Improvement District
175 E. Main Street, Suite 150
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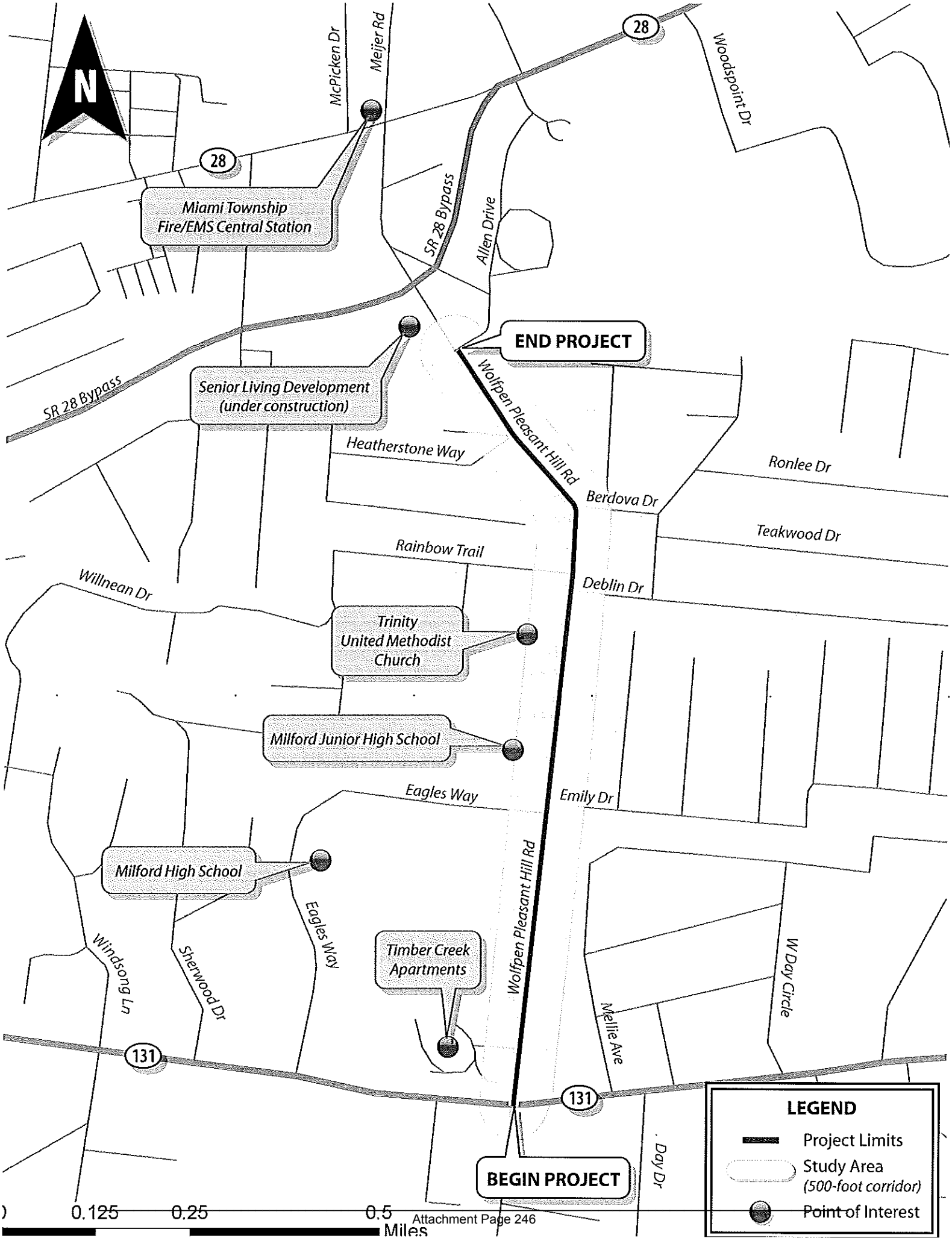
Craig Stephenson, P.E.
Chief Deputy Engineer
Clermont County Engineering Office
2381 Clermont Center Drive
Batavia, OH 4513
cstephenson@co.clermont.oh.us
www.clermontengineer.org

Paul Gruner, P.E.
Gresham, Smith, & Partners
4555 Lake Forest Drive, Suite 100
Cincinnati, OH 45242
paul_gruner@gspnet.com
www.gspnet.com


N
McPicken Dr
Meijer Rd
28
Woodspoint Dr
28
Miami Township
Fire/EMS Central Station
SR 28 Bypass
Allen Drive
END PROJECT
Senior Living Development
(under construction)
SR 28 Bypass
Wolfpen Pleasant Hill Rd
Heatherstone Way
Ronlee Dr
Berdova Dr
Teakwood Dr
Rainbow Trail
Willnean Dr
Deblin Dr
Trinity
United Methodist
Church
Milford Junior High School
Eagles Way
Emily Dr
Milford High School
Eagles Way
Wolfpen Pleasant Hill Rd
Windsong Ln
Sherwood Dr
Timber Creek
Apartments
W Day Circle
Mellie Ave
131
131
Day Dr
BEGIN PROJECT
LEGEND
Project Limits
Study Area
(500-foot corridor)
Point of Interest
0.125
0.25
0.5
Miles

Wolfpen Pleasant Hill Road
Public Involvement Meeting #2
Wednesday, October 1, 2008 – 5:30 p.m. to 7:30 p.m.
Milford Jr. High School Cafeteria - 5735 Wolfpen Pleasant Hill Road
Clermont County Transportation Improvement District (CCTID)

Using the concerns that were voiced at the previous public involvement meeting, solutions have been developed that will improve the current conditions on Wolfpen Pleasant Hill Drive. Your input is needed on things such as safety, pedestrian crossings, access to properties within this corridor, and drainage among other things. Your comments will be used to further develop the improvements.

Please return this form before leaving the meeting, or request a postage-paid envelope today and please return no later than October 27.

Survey Questionnaire - What is your opinion about the improvements suggested?

Your Name: Margaret Hutchinson
Address: 5700 Pleasant Hill Rd
Phone (optional): 513-248-0718
Email Address (optional):

1. Where do you want to walk to?
Please elaborate below and/or mark specific areas on attached map.

- [x] School
- [ ] Church
- [ ] Shopping
- [ ] Library
- [x] Parks, Recreational Areas
- [ ] Other

2. What do you still have concerns about?
Please elaborate below and/or mark specific areas on attached map.

2 Concrete pipes - ~~water~~ back up from neighbors
The 2 concrete pipes run under ground to Subdivisions on other streets run off issues have had 3 ft water in yard have large concrete Basin to catch water from 2 pipes then piped through our side yard to catch basin beside of drive way then goes under street. There was a creek. Builder must have filled in old out pipe in to drain.
We need access to GAS + SANITARY

3. Please give us some feedback about this public involvement meeting. (Were there enough staff available? Were your questions answered?)

Michael Sewell was almost help full but we are very concerned about Street being raised and we are low where garage is so if back up all water comes back at us and into our house
Kate Nolan was very sweet + Social And helped with questions

We value your comments. Thank you for taking time to complete this form. If you did not receive a postage-paid envelope, please send this survey as well as any future comments and questions to:

Steve Wharton
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175 E. Main Street, Suite 150
Batavia, OH 4513
ed3c@fuse.net
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Craig Stephenson, P.E.
Chief Deputy Engineer
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cstephenson@co.clermont.oh.us
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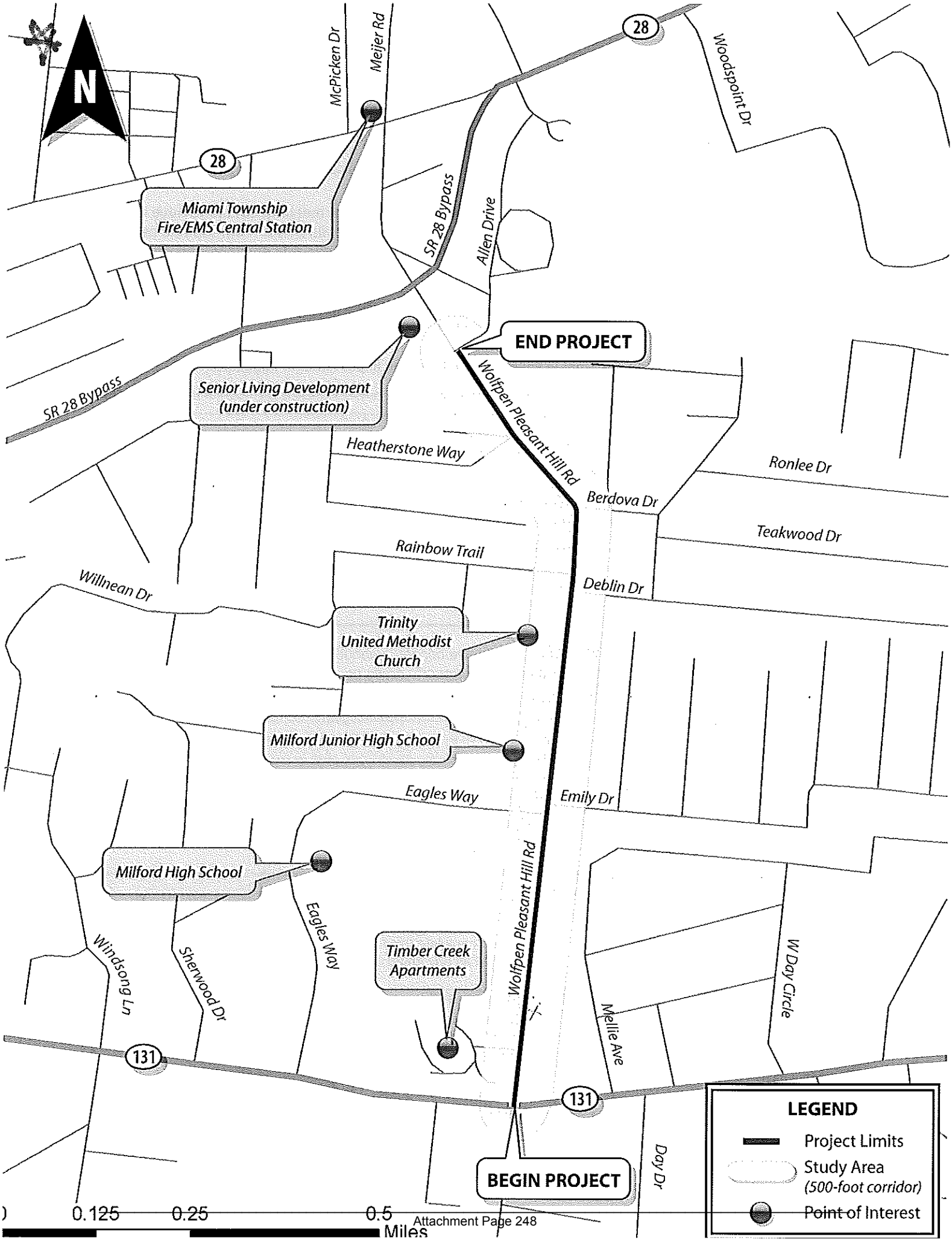
N
McPicken Dr
Meijer Rd
28
Woodspoint Dr
28
Miami Township
Fire/EMS Central Station
SR 28 Bypass
Allen Drive
END PROJECT
Senior Living Development
(under construction)
SR 28 Bypass
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Heatherstone Way
Ronlee Dr
Berdova Dr
Teakwood Dr
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Church
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Eagles Way
Emily Dr
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Windsong Ln
Sherwood Dr
Timber Creek
Apartments
W Day Circle
Mellie Ave
131
131
Day Dr
BEGIN PROJECT
LEGEND
Project Limits
Study Area
(500-foot corridor)
Point of Interest
0.125
0.25
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Miles

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Survey Questionnaire - What is your opinion about the improvements suggested?

Your Name: Donna Gyulkowski
Address: 5795 Pleasant Hill Rd
Phone (optional):
Email Address (optional):

1. Where do you want to walk to?
Please elaborate below and/or mark specific areas on attached map.

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- [x] Shopping
- [x] Library
- [ ] Parks, Recreational Areas
- [ ] Other

2. What do you still have concerns about?
Please elaborate below and/or mark specific areas on attached map.

our driveway becoming more steep
kids (track team, school commuters) are not
safe to walk or run on the road.

3. Please give us some feedback about this public involvement meeting. (Were there enough staff available? Were your questions answered?)

good accessibility to engineers, etc

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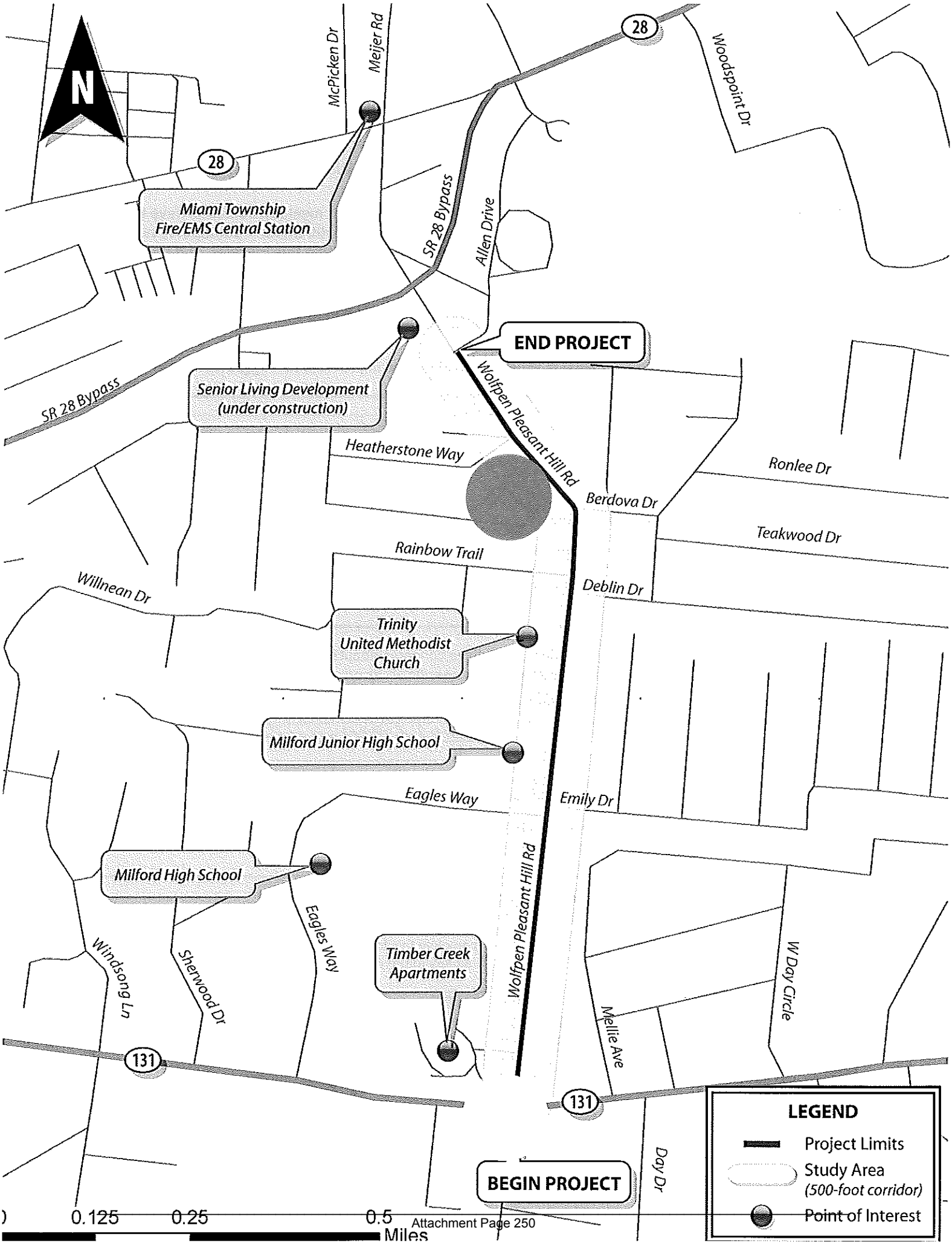
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Survey Questionnaire - What is your opinion about the improvements suggested?

Your Name: JACK CUNKELMAN
Address: 5795 PLEASANT HILL RD
Phone (optional): 831 0708
Email Address (optional): JACKCUNKEL@MYWAY.COM

1. Where do you want to walk to?
Please elaborate below and/or mark specific areas on attached map.

- ☐ School
- ☐ Church
- ☒ Shopping
- ☒ Library
- ☐ Parks, Recreational Areas
- ☐ Other

2. What do you still have concerns about?
Please elaborate below and/or mark specific areas on attached map.

GRADE OF DRIVEWAY

3. Please give us some feedback about this public involvement meeting. (Were there enough staff available? Were your questions answered?)

YES & YES

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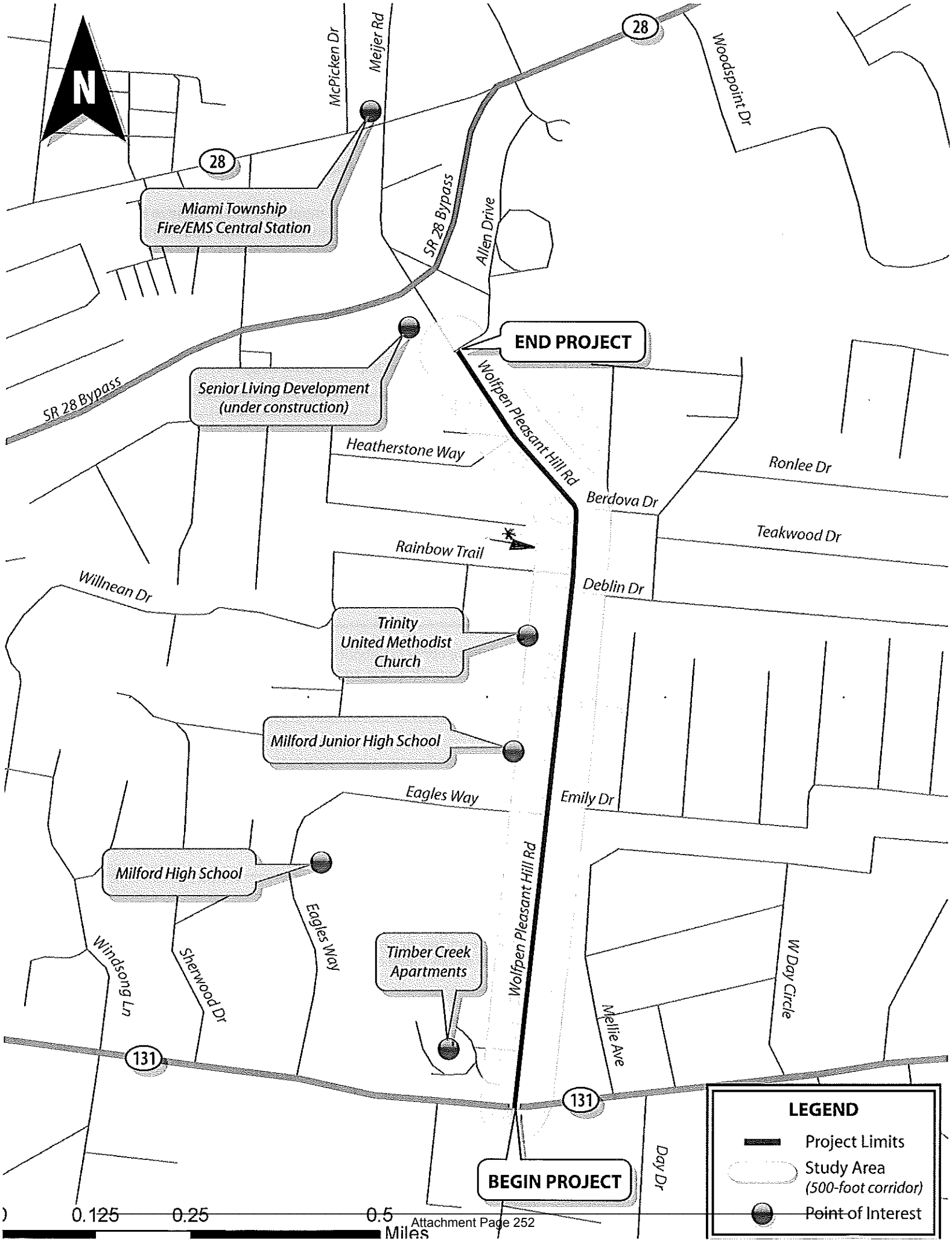
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Survey Questionnaire - What is your opinion about the improvements suggested?

Your Name: Dorothy Sheehy
Address: 5829 Wolfpen Pleasant Hill
Phone (optional): 513-248-2894
Email Address (optional): dsheehy1@fuse.net

1. Where do you want to walk to?
Please elaborate below and/or mark specific areas on attached map.

- ☐ School
- ☒ Church
- ☒ Shopping
- ☐ Library
- ☐ Parks, Recreational Areas
- ☐ Other

2. What do you still have concerns about?
Please elaborate below and/or mark specific areas on attached map.

Please take the 2 almost dead pine trees in my front yard.

3. Please give us some feedback about this public involvement meeting. (Were there enough staff available? Were your questions answered?)

Plenty of staff. Questions answered very well

We value your comments. Thank you for taking time to complete this form. If you did not receive a postage-paid envelope, please send this survey as well as any future comments and questions to:

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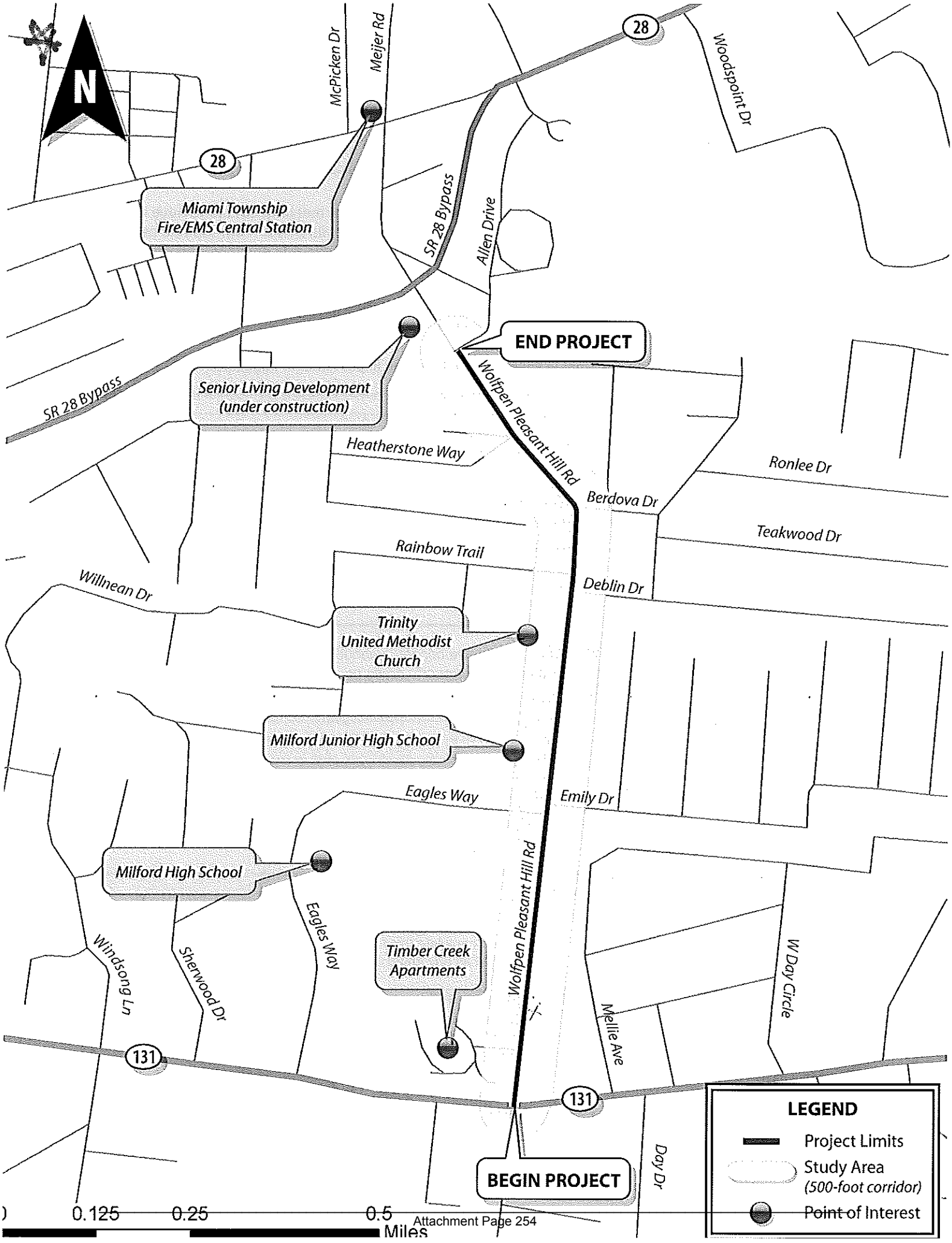
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Attachment K – Hazardous Materials

1) ODOT Preliminary Site Assessment Checklist Review
2) ODOT OES ESA Screening Report Response
3) ODOT-OES Phase 1 ESA Response

ENVIRONMENTAL SITE ASSESSMENT CHECKLIST

NAME:	Keith Barnhill	**DATE:**	2/20/2008
TITLE:	Professional Geologist	**DISTRICT:**	8
COUNTY/ROUTE/SECTION:	CR/132/FROM SR 131 NORTH TO SR 28	**PID:**	82139

PROJECT DESCRIPTION:

The proposed project involves improvements to Wolfpen-Pleasant Hill Road (County Route [CR] 132), between State Route (SR) 28 and SR 131 in Miami Township, Clermont County, Ohio. The subject segment of roadway is approximately 1.05 miles in length. Alternatives to be considered will likely include a combination of additional turn lanes to facilitate north-south travel between SR 28 and SR 131 with pedestrian and/or bicycle facilities to enhance multimodal connectvity for the community.

Parcel No./Owner/Address: 182405C031 / EMRO Marketing Company / 1143 SR 131

Project Right-of-Way (ROW) Requirements From Parcel:

No New ROW ☐ Strip ROW ☒ Minor Take ☐ Whole Parcel Take ☐ Not Available ☐

LAND USE:

Current Land Use (For Commercial/Industrial land use, specify type and tenant):

Commercial-Automotive Service Station

Past Land Use (For Commercial/Industrial land use, specify type and tenant):

Commercial-Automotive Service Station

Environmental Records	(Date queried)	(Result)
National Priority List (NPL)	1/16/2008	N/A
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	1/16/2008	N/A
OEPA Master Site List (MSL)	1/16/2008	N/A
Resource Conservation and Recovery Act (RCRA)	1/16/2008	N/A
Bureau of Underground Storage Tank Regulation (BUSTR)	1/16/2008	N/A
Other State/Local Lists	1/16/2008	N/A

NPL/CERCLIS/OEPA MSL in vicinity (type of facility and location in relation to project):

Visual Inspection

UST's		Surface Staining	
AST's		Sheens	
Drums		Damaged Vegetation	
Landfills		Odors	
Pond/Lagoon		Other (specify)	

Phase I ESA required **Yes** ☒ **No** ☐

ENVIRONMENTAL SITE ASSESSMENT CHECKLIST

NAME:	Keith Barnhill	**DATE:**	2/20/2008
TITLE:	Professional Geologist	**DISTRICT:**	8
COUNTY/ROUTE/SECTION:	CR/132/FROM SR 131 NORTH TO SR 28	**PID:**	82139

PROJECT DESCRIPTION:

The proposed project involves improvements to Wolfpen-Pleasant Hill Road (County Route [CR] 132), between State Route (SR) 28 and SR 131 in Miami Township, Clermont County, Ohio. The subject segment of roadway is approximately 1.05 miles in length. Alternatives to be considered will likely include a combination of additional turn lanes to facilitate north-south travel between SR 28 and SR 131 with pedestrian and/or bicycle facilities to enhance multimodal connectvity for the community.

Parcel No./Owner/Address: 182411A099 / United Dairy Famers Inc. / 5615 Wolfpen-Pleasant Hill Road

Project Right-of-Way (ROW) Requirements From Parcel:

No New ROW ☐ Strip ROW ☒ Minor Take ☐ Whole Parcel Take ☐ Not Available ☐

LAND USE:

Current Land Use (For Commercial/Industrial land use, specify type and tenant):

Commercial- Fuel Station

Past Land Use (For Commercial/Industrial land use, specify type and tenant):

Commercial- Fuel Station

Environmental Records	(Date queried)	(Result)
National Priority List (NPL)	1/16/2008	N/A
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	1/16/2008	N/A
OEPA Master Site List (MSL)	1/16/2008	N/A
Resource Conservation and Recovery Act (RCRA)	1/16/2008	N/A
Bureau of Underground Storage Tank Regulation (BUSTR)	1/16/2008	Find, 4 UST's currently in use
Other State/Local Lists	1/16/2008	N/A

NPL/CERCLIS/OEPA MSL in vicinity (type of facility and location in relation to project):

UST- Kerosine FRP tank

Visual Inspection

UST's	4	Surface Staining	
AST's		Sheens	
Drums		Damaged Vegetation	
Landfills		Odors	
Pond/Lagoon		Other (specify)	

Phase I ESA required **Yes** ☒ **No** ☐

ENVIRONMENTAL SITE ASSESSMENT CHECKLIST

NAME:	Keith Barnhill	**DATE:**	2/20/2008
TITLE:	Professional Geologist	**DISTRICT:**	8
COUNTY/ROUTE/SECTION:	CR /132 /FROM SR 131 NORTH TO SR 28	**PID:**	82139

PROJECT DESCRIPTION:

The proposed project involves improvements to Wolfpen-Pleasant Hill Road (County Route [CR] 132), between State Route (SR) 28 and SR 131 in Miami Township, Clermont County, Ohio. The subject segment of roadway is approximately 1.05 miles in length. Alternatives to be considered will likely include a combination of additional turn lanes to facilitate north-south travel between SR 28 and SR 131 with pedestrian and/or bicycle facilities to enhance multimodal connectivity for the community.

Parcel No./Owner/Address: 182405A015 / Wolfpen Associates Inc. / 1144 State Route 131

Project Right-of-Way (ROW) Requirements From Parcel:

No New ROW ☐ Strip ROW ☒ Minor Take ☐ Whole Parcel Take ☐ Not Available ☐

LAND USE:

Current Land Use (For Commercial/Industrial land use, specify type and tenant):

Commercial-Automotive Service Station

Past Land Use (For Commercial/Industrial land use, specify type and tenant):

Commercial-Automotive Service Station

Environmental Records	(Date queried)	(Result)
National Priority List (NPL)	1/16/2008	N/A
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	1/16/2008	N/A
OEPA Master Site List (MSL)	1/16/2008	N/A
Resource Conservation and Recovery Act (RCRA)	1/16/2008	N/A
Bureau of Underground Storage Tank Regulation (BUSTR)	1/16/2008	N/A
Other State/Local Lists	1/16/2008	N/A

NPL/CERCLIS/OEPA MSL in vicinity (type of facility and location in relation to project):

Visual Inspection

UST's	Yes	Surface Staining	
AST's		Sheens	
Drums		Damaged Vegetation	
Landfills		Odors	
Pond/Lagoon		Other (specify)	

Phase I ESA required **Yes** ☒ **No** ☐

OHIO DEPARTMENT OF TRANSPORTATION
INTER-OFFICE COMMUNICATION
Office of Environmental Services

TO: Hans Jindal, District 8 Deputy Director
Attn: Katherine DeStefano

DATE: November 3, 2008

FROM: Timothy M. Hill, Administrator, Office of Environmental Services

RECEIVED
NOV 13 2008
BY: PID: 82139

SUBJECT: Environmental Site Assessment Screening and Addendum

PROJECT: CLE – Wolfpen – Pleasant Hill Road

This office has reviewed the Environmental Site Assessment (ESA) Screening for the above referenced project which was completed by Gresham Smith and Partners.

Based on the information provided, we believe that a Phase I ESA warranted for the following:

- United Dairy Farmers Gas Station
- BP Gas Station
- Speedway Gas Station

If you have any questions or concerns, please contact Craig Kerscher, Environmental Specialist, at (614) 752-2175.

TMH:ctk

cc: Keith Smith, D-8
File w/attachment
Reading file

OHIO DEPARTMENT OF TRANSPORTATION
INTER-OFFICE COMMUNICATION
Office of Environmental Services

TO: Hans Jindal, District 8 Deputy Director
Attn: Katherine DeStefano

DATE: March 2, 2009

RECEIVED
MAR 06 2009
BY:

FROM: Timothy M. Hill, Administrator, Office of Environmental Services

SUBJECT: Phase I Environmental Site Assessment

PROJECT: CLE – Wolfpen Pleasant Hill Road **PID:** 82139

This office has reviewed the Phase I Environmental Site Assessment (ESA) for the above referenced project prepared by Gresham Smith & Partners.

Based on the right-of-way (ROW) to be acquired, excavation needed for the storm sewer installation, and previous finding of free-product during storm sewer repair in the area, we believe a Phase II ESA is warranted for the BP Gas Station (1144 State Route 131) and United Dairy Farmers (5615 Wolfpen-Pleasant Hill Road). Two (2) soil borings on each site should be advanced beyond Existing ROW and within the construction limits to a depth of 15 feet and sampled continuously. One soil sample with the highest field screen reading from each boring will be submitted for laboratory chemical analyses. Each soil sample submitted to the laboratory shall be analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8021, polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8100, and total petroleum hydrocarbon (TPH) full-carbon range organics (GRO, DRO, and ORO) by EPA Method 8015. A plan map indicating the proposed boring locations is attached to this IOC.

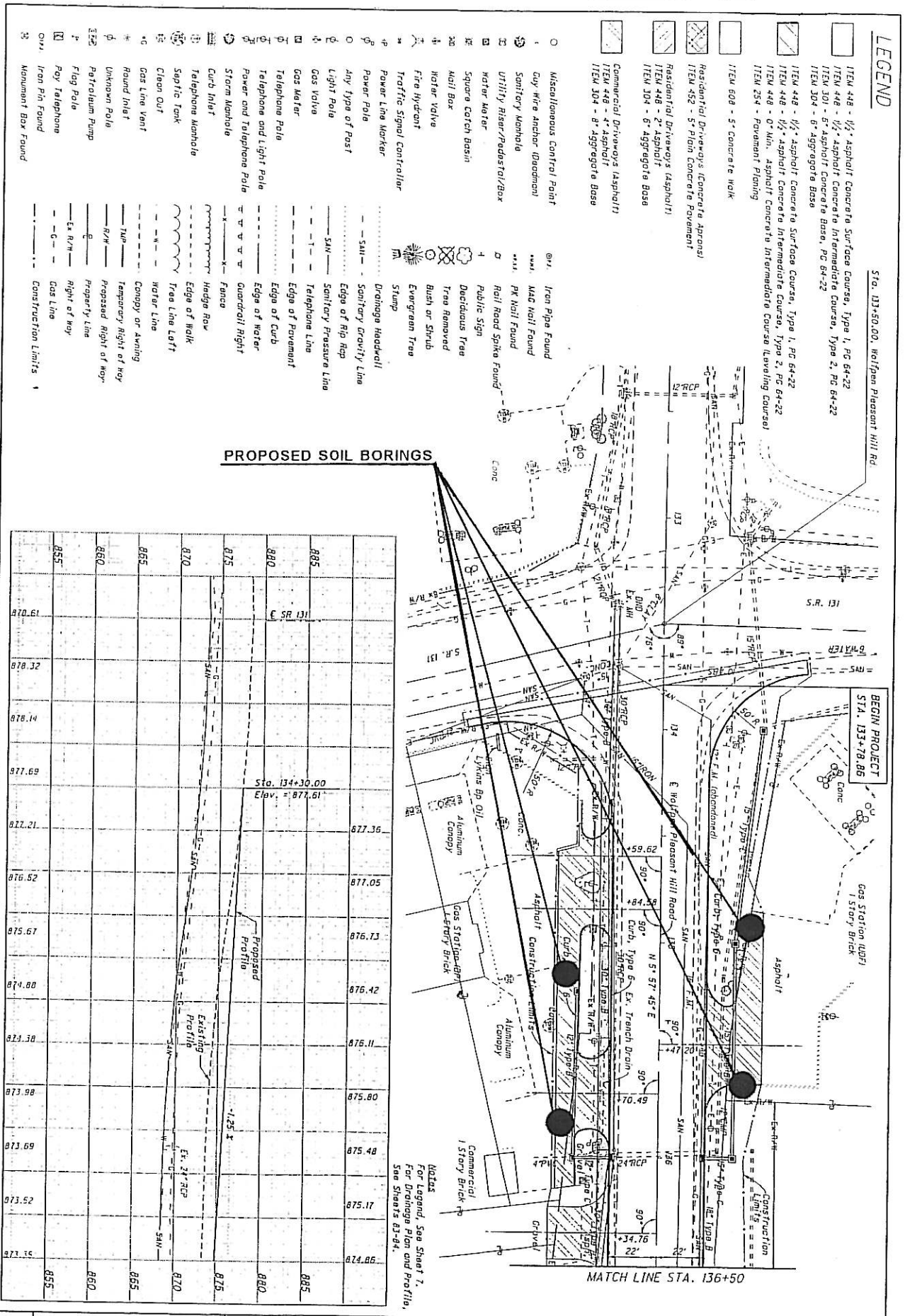
Based on no new ROW or excavation work, we believe that no further environmental site assessment or special material management is warranted for the Speedway Gas Station (1143 State Route 131). However, if plans change and ROW or excavation work is required from or adjacent to this site, then further environmental site assessment may be warranted.

If you have any questions or concerns, please contact Craig Kerscher, Environmental Specialist, at (614) 752-2175.

TMH:ctk

cc: Keith Smith, D-8
File w/attachment
Reading file

PROPOSED SOIL BORINGS



WOLFPEN-PLEASANT HILL ROAD	PLAN AND PROFILE STA. 133+78.86 TO 136+50	CALCULATED / CHECKED	HORIZONTAL SCALE IN FEET