

Appendix B

- 1. Participants in Study Committee**
- 2. Meeting Minutes / Correspondence**
- 3. Boards / Handouts from June 10, 2010 Public Meeting**
- 4. Structure Estimate**
- 5. Traffic/Speed Data**
- 6. Right of way Information**
- 7. CD of this Report**

Participants in Study Committee

Member Name	Organization
Stephanie Mason	Doylestown Township Manager
Bill Mitchell	Bucks County Parks & Recreation
Eileen Bradley	New Britain Township Manager
Angela Benner	New Britain Township
Bill Jones	New Britain Township
Riz Grimes	New Britain Township
Robin Trymbiski	New Britain Borough
John Davis	Doylestown Borough Manager
David Liddle	Delaware Valley College
Tom Kelso	Bike & Hike Committee
Melissa Schafer	Chalfont Borough Manager

Notes from Bike/Hike Meeting
July 21, 2009

Present: Andrea Antell (New Britain Borough Bike/Hike) Jeff Bennett, Corinne Cody, Lynn Goldman, Andy Hamilton, Mary Pat Holewinski, Tom Kelso, Stephanie Mason, Dick Patterson, Louise Silberg (New Britain Borough Bike/Hike)

Destination Peace Valley

- Stephanie Mason reviewed the Pennsylvania Department of Conservation and Natural Resources (DCNR) grant award of \$17,500 for a Community Trail Connector Feasibility Study
- The contract with Baker has been approved
- A kickoff meeting will be held on Thurs., July 30th at 1 pm at the Doylestown Twp. Bldg.
Notice sent to: Bill Mitchell, Bucks County Park & Rec Director
Stephanie Mason, Doylestown Township Mgr.
John Davis, Doylestown Borough Mgr.
Eileen Bradley, New Britain Township Mgr.
Melissa Schaefer, Chalfont Borough Mgr.
Robin Trymbiski, New Britain Borough Mgr.

It was suggested that a representative from Delaware Valley attend as well as a representative from Buckingham Twp.

Thompson property

- Stephanie reported that Thompson will put in a 5' wide macadam bike path from 611 & 313 up to Campbell. This will include fencing similar to that on Shady Retreat.
- Thompson will give us an easement to a light at the corner.

Family Bike Ride

- This will take place in conjunction with Kids Day of Play at Central Park on Sept. 26. Andy Hamilton is chairing the plans for rides that will begin at 10 am from Doyle and 10:15 from Kutz. Eric Cutting will have a "How to Care for Bikes" station in the Park
- Sharrows stencil (combined Share the Ride and arrows) will be available and can be painted in the roads to indicate bike lanes.
- Dick Patterson suggested that Ro Molyneaux at the YMCA be notified of the activities.

Benches

- It was recommended that advertising for Bike/Hike benches be written for Municipal Newsletters with references to completed bench installations in Star Park

Additional Information

- Tom Kelso suggested that George Pall, who owns property near Del Val, be invited to the Sept. Bike/Hike meeting.
- Lynn Goldman announced that Feeneys Nursery had many plants to donate this year
- Suggested Bike/Hike projects include connecting a Buckingham path with Maplewood and bringing it across 313.

Respectfully Submitted
Corinne Cody

Destination Peace Valley Kick Off Meeting
Notes
July 30, 2009

Present: Stephanie Mason, Doylestown Township Manager, Bill Mitchell, Bucks County Parks & Recreation, Eileen Bradley, New Britain Township Manager, Angela Benner, New Britain Township, Bill Jones, New Britain Township, Riz Grimes, New Britain Township, John Davis, Doylestown Borough Manager, David Liddle, Delaware Valley College, Tom Kelso, Bike & Hike Committee and Melissa Schafer, Chalfont Borough Manager.

Ms. Mason opened the meeting, thanked everyone for attending and indicated that Doylestown Township on behalf of the Bike & Hike Committee and the 5 municipalities received a DCNR Grant in the amount of \$17,500. Total cost of the project is estimated at \$35,000 with significant in-kind matches of \$10,200. The balance is to be divided among the 5 municipalities acquainting to approximately \$1,400 each. To date New Britain Borough, Chalfont Borough, Doylestown Township have committed. Doylestown Borough indicated that they did not think it would be a problem because it would be coming out of the 2010 budget. New Britain Township indicated that it is still under consideration for their 2010 budget.

The purpose of the meeting is to discuss possible inter connective routes and trails to be created between the Doylestown Borough / Township area and the Destination of Peace Valley Park which is a county owned facility. The county in recent years has constructed a Bike/Hike Trail all around the lake known as Lake Galena except for a small portion that is still waiting to be completed. Chalfont Borough, New Britain Borough & New Britain Township have put together a tri-municipal master plan map which is attached that shows various trail systems being developed within and around their communities, several of them are showing links to the Doylestown Township/Borough system. Some of the locations are along Ferry Road and specifically show Old Iron Hill Road and possibly at Chapman Road.

Mr. Kelso brought out the Township/Borough Bike/Hike map and showed how nicely various locations would link up to create the Destination to Peace Valley Park. In addition, he indicated that several of the members of the Bike/Hike Committee walked a Dr. Stover Wiggins property in April as a possible trail through his property in New Britain Borough coming out on Sandy Ridge Road and cutting across to link with Covered Bridge Park in New Britain Borough, Pine Run Reservoir and Old Iron Hill Road, this is a potential link that needs to be further explored.

Discussions regarding Chapman Road as well as Cheesecake Factory Road were discussed in addition to Limekiln Road several of these roadways are very steep and need further evaluation.

Bill Mitchell from Bucks County indicated that the County is putting together a master trails plan as well for bicycles; he suggested some other links be considered as well into the county property.

After further discussion it was decided that the group would get together again in 3 or 4 months, in the meantime subcommittee members from the Bike/Hike Committee will obtain copies of the tri-municipal map in GIS form, will continue to look at the various locations and assess feasibility and safety concerns and will come back and report at a future meeting.

Respectfully Submitted,

Stephanie J. Mason

Notes from Bike/Hike Meeting
August 17, 2010

Present:

Committee: Corinne Cody, Rick Colello, Judy Hendrixson, Marilyn Jacobson, Tom Kelso, Stephanie Mason, Amy Mazzanti, Dick Patterson, Chris Stanford, Elsie White

Also Attending: John LaSala (Bicycle Club), Fran Walter (resident), Elizabeth Pritz (resident)

Destination Peace Valley

- After extensive input from public meetings, work with individual residents, and road engineering considerations, Chris Stanford will present his recommendations at a meeting in September. The meeting will include Bill Mitchell, County Planner, and representatives of the four municipalities involved in connecting the Bike/Hike trail up to Peace Valley Park. Once it is approved, he will then present the plan to DCNR.
- Chris Stanford will continue to work on Chapman Rd. route, keeping it in the plan as an option to consider in the future.
- Tom Kelso discussed some possible spurs that could be developed, such as one to Covered Bridge Park.

Community Art

- A silhouette is being developed to submit to Middle Bucks Institute of Technology in September. Judy Hendrixson is on the Board of MBIT and will discuss this with the teachers involved.

Pebble Hill Road

- Appraisals for easements using Open Space grant funding are ongoing.

Signage

- John LaSala discussed the need for signage to educate the users of Bike/Hike trails so that bicycle riders, runners, and walkers know the Rules of Trails.
- Stephanie Mason suggested that the County might have included this in County plans. She will look into the possibility of using Open Space funding for this educational project.
- Another suggestion was that the Bicycle Club might take this on as a project.

Bike/Hike Road Trip

- On Thursday, September 23 at 3 pm, beginning at the Doylestown Township Building, there will be a Road Trip to two potential Bike/Hike Path locations. Participants will car pool to Neamand Tract/White Eagle Labs and to Tamauend/Alnshouse/New Britain Train Station areas.

Respectfully submitted,
Corinne Cody

Notes from Bike/Hike Meeting

September 21, 2010

Present:

Committee: Corinne Cody, Rick Colello, Andy Hamilton, Judy Hendrixson, Mary Kate Holewinski, Marilyn Jacobson, Stephanie Mason, Amy Mazzanti, Dick Patterson, Louise Silberg, Chris Stanford, Elsie White Also Attending: Fran Walter (resident)

Destination Peace Valley

- Stephanie Mason and Chris Stanford met with Bill Mitchell and representatives from the municipalities involved to discuss paths that were under consideration.
- Chris Stanford will bring a map and document for the Feasibility Study to the Committee next month

Community Art

- Phil Ehlinger and Corinne Cody are working with Judy Hendrixson on this project. Judy has drawn and sent two running silhouettes to Middle Bucks Institute of Technology. The teachers indicated that they plan to work on this project during the first semester.

Pebble Hill Road

- Doylestown Township is working on easements for the properties involved.

Additional Business

- Marilyn Jacobson requested that a price be set that the County would accept for easements
- Marilyn Jacobson reported that Chalfont had an Open House to show people a map of the two Bridges and four new Trails. The event was advertised through the Chalfont Newsletter. People who attended were very positive about the project.
- Stephanie Mason applied for grant for the short distance needed along Lower State Rd. Mary Pat Holewinski is looking at a possible path to loop by the water towers in New Britain
Lynn Goldman suggested that the committee look for places where a wood-chip path might be established and then later be developed into a larger trail. She cited an example of one behind the Library to Ashland which people now accept and enjoy.
- Dick Patterson stated his concern about bicyclists not following driving laws. Share the Road requires both cars and bikes to follow the same rules. Suggestions were made.
 - Schools: Judy Hendrixson offered to contact Dr. Laws about having a speaker at a Principals Meeting. Corinne Cody will contact Principal Susan Salvesen for any materials that Doyle is using or has developed.

- Bike Clubs could disseminate information on Rules of the Road
- Flyers could be distributed at municipal events
- Sports Stores could distribute and emphasize information
- Stickers could be developed for helmets

Andy Hamilton discussed the importance of maintenance for trail.

- He mentioned that more Sharrows (road paintings of arrows and bicycles) are planned for Doylestown Borough
- Andy urged that people contact Senators to encourage them to re-authorize Growing Greener initiatives.
- All are invited to attend Bucks Co. Bicycle Task Force which meets at the Borough Hall on the 4th Monday from 6 to 7 pm each month

On September 23 at 2:45, the Committee will take a road tour of areas for new trails. Judy Hendrixson has kindly invited all back to her home at the conclusion of the trip.

Respectfully submitted,

Corinne Cody



DATE OF MEETING: June 29, 2010
LOCATION AND TIME: Old Ironhill Road - 3:00 PM
PROJECT: Destination Peace Valley Trail Feasibility Study
SUBJECT: Minutes from Meeting with Residents
PARTICIPANTS:

<u>Name</u>	<u>Address/Org.</u>	<u>Phone</u>
Chris Stanford	Baker	215.442.5333
Ryan Cressman	New Britain Twp	215.822.1391
Eileen Bradley	New Britain Twp	215.822.1391
Angela Benner	New Britain Twp	215.822.1391
Marc & Theresa Browngold	150 Ferry Road	215.230.4588
Frances Gold	390 Old Ironhill Rd.	215.489.5267
Tom Kelso	Bike & Hike Committee	215.348.8257 x 1147
Bob & Maryanne Showalter	393 Old Ironhill Rd.	215.348.9482
Stephanie Mason	Doylestown Twp	215.348.9915
Patti Blumberg	396 Old Ironhill Road	215.801.5262
Michael Barba	425 Old Ironhill Road	215.345.7039
Debra London	415 Old Ironhill Road	215.933.5048
Ellen & James Marciano	206 Ferry Road	267.247.5510

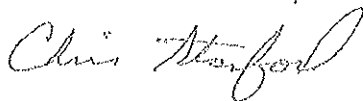
A field view meeting was held on June 29, 2010 with the residents of Old Hill Road (between Ferry Road and Creek Road) to discuss the potential bike and hike improvements along the roadway. The group walked this section of roadway and discussed the following potential issues, concerns, and solutions:

- Potential design concept is to install 4' paved shoulders on each side of the roadway for bicyclists and a separate 5' asphalt walkway for pedestrians on one side of the roadway. Initial recommendation for walkway on the east side of Old Ironhill Rd.
- Traffic volume along the roadway - Maryanne Showalter counted 97 vehicles (approx. 1/3 with boats) in 1.5 hours on the previous Saturday at 11 am. Concerns about high vehicle speeds. Need for traffic calming was mentioned. The use of a raised crosswalk/speed table might be an option.
- Drainage issues at Ferry / Old Iron Hill Road would need to be addressed
- Vehicles use Creek Rd and Old Ironhill Rd as an alternate route from Callow Hill Road and Ferry Road
- Turning radius at Ferry Road / Old Iron Hill (northeast corner) needs to be improved

- Regarding the area near 206 Ferry Road – potential to widen shoulder on the west side of the roadway approx. 6'-7' and east side 3'-4'. Pipes and inlets would need to be installed to replace the ditches. Area tight due to the existing cut slope and residence close to the roadway. Tight area extends up to the driveway on east side and then more room is available. Marciano's receptive to a trail at roadway elevation and small retaining wall or slope up to the existing fence line. A new landscape buffer would be installed on the road side of the fence for privacy. Existing vegetation can be removed as long as new landscape buffer is installed.
- Right of way available up to the existing fence line per a previous subdivision and dedication to New Britain Twp. on Marciano and Showalter properties.
- Showalter Property - meandering walkway with plantings / street trees at property line was discussed. Flattening of the slope slightly would be required.
- London Property – walkway acceptable through the wooded area near the roadway. Larger trees should be avoided
- Bloomberg Property (396 Old Ironhill Rd) - walkway acceptable thru wooded area near the roadway. Larger trees should be avoided
- Barba Properties (419 & 425 Old Ironhill Rd.) – new septic installed near roadway. Needs to be located and avoided with any improvements. Owner receptive to a trail at roadway elevation and small retaining wall or slope up to the existing ground elevation . A new landscape buffer would be installed for privacy. Majority of existing vegetation can be removed. A few large trees should be avoided.
- 436 Old Ironhill Road – Cut slopes make area tight. Potential to widen west side of the roadway and shift center line to the west to create 4' shoulder on east side. Grade flatter on west side of the roadway. Potential to have walkway on west side. Crossover of walkway to west side should be considered possibly prior to 425 Old Ironhill Rd.
- Preference for asphalt curb versus concrete curb if needed

These minutes document the major discussions that took place during the meeting and will be filed with the project documents. Any discrepancies/alterations to these minutes should be forwarded to the attention of the author within seven (7) days of receipt of these minutes.

Sincerely,
MICHAEL BAKER JR., INC.



Chris Stanford, P.E., PMP
Project Manager

CC: attendees



DATE OF MEETING: July 9, 2010
LOCATION AND TIME: Cavallo Way 3:00 PM
PROJECT: Destination Peace Valley Trail Feasibility Study
SUBJECT: Minutes from Meeting with Residents

PARTICIPANTS:

<u>Name</u>	<u>Address/Organization</u>	<u>Phone</u>
Fran Walters	2 Sunnybrook Drive	215.345.0393
Todd Kowalski	Sen. McIlhinney's Office	215.489.5000
Heidi & David Baugle	5 Cavallo Way	215.340.1093
Hank & Maria Kalinowski	10 Cavallo	215.340.1993
Leo & Marla Garneay	1 Cavallo	215.230.7174
Tom Kelso	Bike & Hike Committee	215.348.8257
Lynn Goldman	Bike & Hike Committee	215-345-9915
Brian Bullock	4 Cavallo Way	215.340.2977
Joseph Fluehr IV	6 Cavallo Way	215.345.8929
Eil Jacobs	3 Cavallo Way	215.345.0486
Stephanie Mason	Doylestown Twp.	215-348-9915
Dick John	Doylestown Twp.	215-345-9915

A meeting was held on July 9, 2010 to discuss potential trail options on the Pine Run Reservoir property and how they relate to the residents who live on Cavallo Way. The following issues, concerns and solutions were noted:

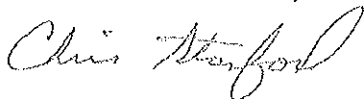
- The residents prefer no trail connection between the potential trail through Pine Run and Cavallo Way. The residents prefer no trail on the existing path and utility easement between the cul de sac and Pine Run. The committee agreed to not pursue a path through the easement at this time.
- The residents prefer trail option 1A near the reservoir on the existing maintenance road. They requested that trail option 1B near the outside of the property be removed from the plan. The committee agreed to remove option 1B from the plan.
- The residents currently experience issues with people walking their dogs, litter, etc. from people using the footpath near the outside of the property on the outer berm
- The residents have concerns about the environmental impacts to the bird habitat and other natural areas in the reservoir. The Township indicated that the plan will locate these sensitive areas and strive to avoid them as much as feasible.

- Fencing and signing will be considered along the trail to keep users in the appropriate location, away from the sensitive natural areas, restrict access to the outer berm and to enhance safety around the reservoir. Signage and strategic use of dense landscaping will also be considered.
- Cost of these items will be balanced with benefit. Residents encouraged the use of high quality materials and specifications to ensure the trail was “done right the first time.”
- Residents inquired about the level of usage of the trails in existing bike and hike system. The Township has witnessed significant usage and received positive feedback on the trail system. County and Township surveys indicate that residents desire trails. The residents would like to see some actual counts/studies of the usage of the trails.
- Residents inquired about the surface of the potential trail. Crushed stone or asphalt pavement were indicated as the likely surfaces with asphalt being preferred by the Township for long term durability, low level of maintenance and easier emergency/police access.
- Gates/bollards and or fencing were requested to control access to the trail at entrance/exit points to Pine Run to restrict unauthorized vehicle access. It is anticipated the path will accommodate police vehicles.
- Suggestion for the trail route to be on the north side of Pine Run between the spillway of the reservoir and Old Ironhill Rd. with a spur trail and pedestrian bridge over Pine Run to Covered Bridge park. The committee agreed to look into this option as part of the study.

Subsequent to this initial meeting, Chris Stanford, Tom Kelso, Dick John and Stephanie Mason met with resident, Fran Walters, at the existing water system meter pit on Old Ironhill Road. Mr. Walters inquired how a potential trail would avoid the meter pit. Several options were discussed for potential trail configurations including modifying a small portion of the existing decel lane and curb line to create room for the trail. Installation of a small retaining wall was also mentioned as an option.

These minutes document the major discussions that took place during the meeting and will be filed with the project documents. Any discrepancies/alterations to these minutes should be forwarded to the attention of the author within seven (7) days of receipt of these minutes.

Sincerely,
MICHAEL BAKER JR., INC.



Chris Stanford, P.E., PMP
Project Manager

CC: attendees

June 30, 2010

RE: Proposed Bike and Hike Path

To whom it may concern:

I have been following presentations of information regarding proposed extensions of the "Bike-and-Hike" path in the region of Doylestown/New Britain. I live on Rt. 202 in New Britain Boro and use the existing path at times to bicycle and walk. I also hike frequently in the areas that are being considered for extension of the existing path. I do not live adjacent to any of the properties that any of the proposed extensions would abut. I would like to provide some observations regarding the proposed paths that are to be developed with grant funds.

One of the proposed extensions is from the existing path on Chapman Rd. to the paved path that goes around Lake Galena in Peace Valley Park. That extension would run beside an existing paved road which "dead ends" at one of the Peace Valley Park parking areas. The traffic is nominal on that stretch of road and most of it is park visitors. The path would connect to an existing 6.1 mile loop which is complete, except for one small section along Creek Rd, for which completion details are being negotiated. The only potential issues that I see regarding this extension are the crossing of busy Ferry Rd and the slightly steep slope on the last segment of Chapman Rd once you enter the park. I believe the Ferry Rd crossing is manageable in the way the crossings at the Rt 611 By-Pass ramp and other busy intersections have been managed. I believe the slope can be easily managed in the way the other 8% grade slopes have been managed on the north side of the park.

The other proposed extension I have seen enters the Pine Run watershed area, traverses it one of two ways, and then descends into Covered Bridge Park. I see several problems with these proposals. First, although the Pine Run property is management by Bucks County Parks and Recreation, it is not a "park". The property used to belong to private individuals who owned land that ran on both sides of Pine Run (Creek). That land was seized from property owners in the 1960s in order to dam the Pine Run and create a flood control project which was managed by Neshaminy Water Resources. As part of the seizure of the land, it is my understanding from property owners along the then-creek that deed restrictions were placed on the use of the land. Those restrictions included no permanent improvements, and the land was to be used for passive recreation only. A second issue is that motorized vehicles and horses are not allowed on the dam structures, which include the inner and outer berms. If you have not gone out and walked through the Pine Run Reservoir area, I suggest you do so. What you will see upon entry from Iron Hill Rd is that you are on "higher ground", but as you follow the unpaved path the ground will drop into an extended "u" formation for 2/10 of a mile and then rise back up to create an inner berm which then wraps around to the actual dam and continues across it. The "u" is a "spillway" which is meant to allow flood waters from the lake/creek to spill into a holding area rather than flooding the surrounding region. The back of the spillway is bordered by an "outer berm" which is approximately the same height as the inner berm. This is what holds the flood waters in. Several years ago I saw this flood control project perform exactly as it was intended when we had a "50

year storm". The waters of the lake rose up and ran through the spillway to the retention area, and were held in by the outer berm.

I submit to you that a paved path on either berm would be improper use of the land at Pine Run Reservoir, and any paved path in the spillway or retention area would be improper use of a flood zone. In addition, it would be nearly impossible to monitor and halt the use of ATVs on such a path, which again contradicts the management necessities of the flood control structures. In addition, either of the proposed routes would go through partial areas of wetlands that it would be improper to fill in. Any path through those areas would be subject to flooding and erosion, and would take critical habitat from animals that require marshy land tracts to survive.

Finally, I would object to paving and development of the Pine Run watershed area for a more fundamental and ethical reason. Pine Run Reservoir is a natural area. We have taken every inch of land that we can from the animals that we share our region with. Pine Run is one of the few havens they have left. Sharing it passively with the animals that live there is working. Developing their land is wrong. The Bucks County Audubon maintains bird houses and habitat there. I have seen foxes, rabbits, and many special birds living and nesting there. I see deer that have no place else left to go. There are bald eagles, harrier hawks, snow geese, great blue herons, great horned owls, and a host of other special animals who depend of unimproved land for their very existence in that area. Please leave Pine Run Reservoir untouched from further development.

Thank you for taking the time to read and consider my input.

Sincerely,

Roberta J Kostick

222 E Butler Ave

New Britain, PA 18901

215-348-0788

bcdrrjk@yahoo.com

From: [Patricia Blumberg](#)
To: [Stanford, Chris](#)
Subject: Re: Old Iron Hill Road - Field Mtg
Date: Wednesday, July 21, 2010 1:00:34 PM

Good Afternoon Chris,

The minutes seem to be correct. Sorry I was unable to make meeting. Has anything new been discussed? I would like to suggest that if Chapman Road is considered that the Bike and Hike Path Committed might approach Sen. Chuck McIlhinney and Margarita Quinn on getting a light installed for this purpose. It would be good for the path and for everyone involved. It just seems that Old Ironhill Road is your main goal. The meeting I attended nothing was mentioned about the other road suggestions. Also as I have stated the preferred road by Mr. Mitchell is Chapman.

Have you considered that Old Ironhill Road does not end right at a park entrance? You would have the path go into an entrance that people who launch their boats use. The Chapman Rd. entrance would go right to the bridge and the paths of the park. Just a thought because I really believe that all options should be considered. Having a predisposed idea of one road is not giving all other options a real chance. As I have stated, I am not against the Bike and Hike Trail. I just believe in options and never close a door.

Sincerely,

Patti Blumberg

From: [James Marciano](#)
To: [Stanford, Chris](#)
Subject: Old Iron Hill Road (206 Ferry Road)
Date: Tuesday, June 29, 2010 4:41:55 PM

Hi Chris -

It was nice meeting you today. If done right (which I have no doubt it will), I think this could be a great thing for all concerned. To reiterate, if we could widen the road on the side opposite ours at the corner (Browngold's Blue Victorian house) to maintain our privacy/tree line, and then keep the path at the level of the road past our driveway, that would be great. I don't mind losing the mature trees as long as they are replaced by a stone wall and some landscaping in front of our split rail fence for privacy. The one thing that would be a disaster for us is having people bike/walk on the elevated part of our property.

I mentioned I had a digital rendering company, it's called VizSource ... my partner and I started it from a landscape design business we had (it was the only national landscape design firm). Please take a look at <http://www.vizsource.com> . We'd be happy to do renderings at a wholesale price for this project. And if you have any other projects you're working on, please keep us in mind.

I can best be reached at 358@up-set.com and 267-247-5510.

Thanks again for coming and meeting with all of us today.

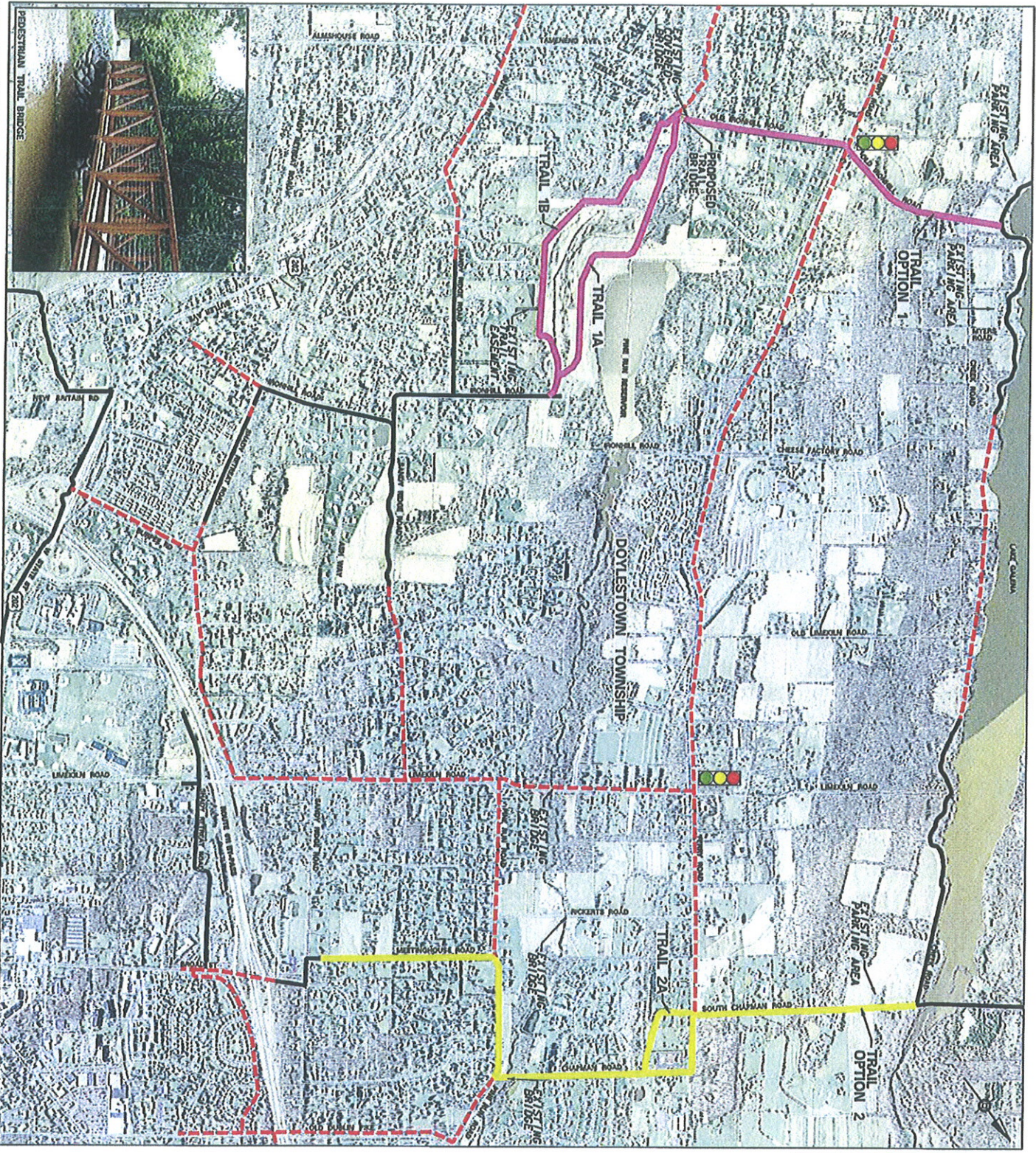
best,

James

PEACE VALLEY BIKE & HIKE TRAIL

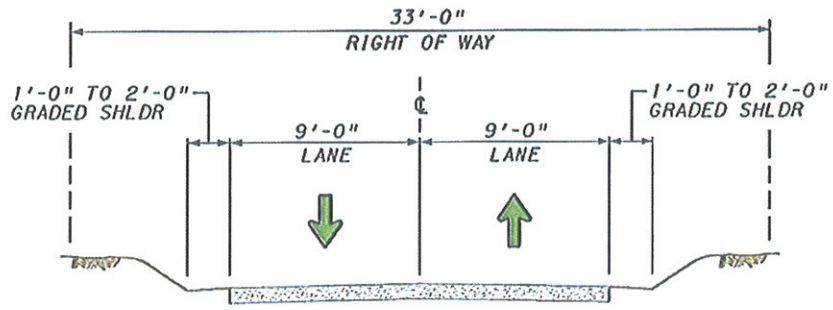
LEGEND:

-  EXISTING TRAIL
-  PROPOSED TRAIL (TOWNSHIP BOUNDARY)
-  PROPOSED TRAIL OPTION 1
-  PROPOSED TRAIL OPTION 2
-  PROPOSED TRAIL BRIDGE
-  EXISTING SIGNAL

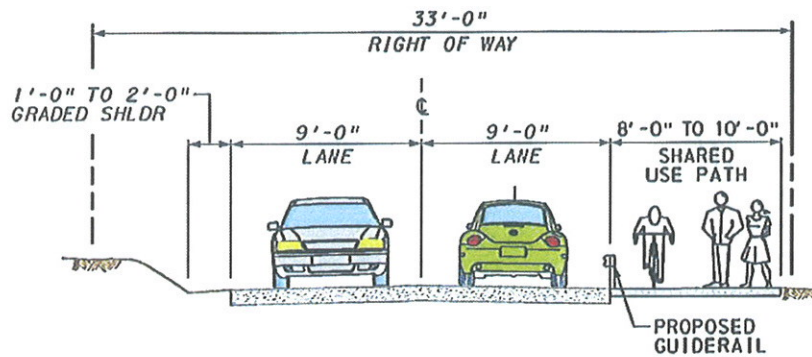


PEDESTRIAN TRAIL BRIDGE

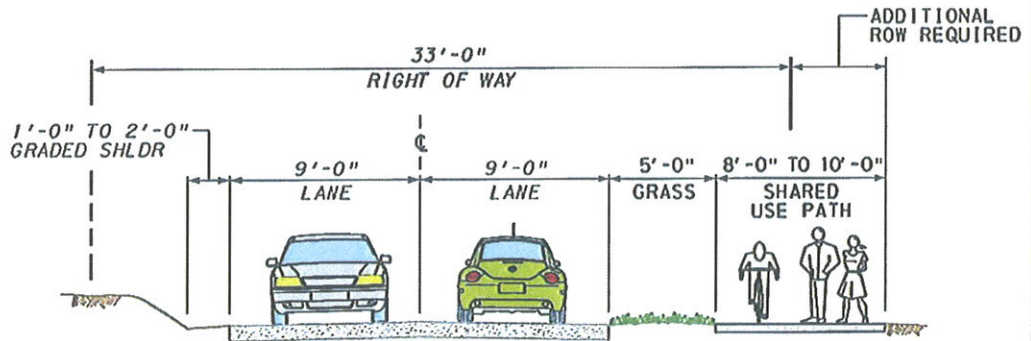
PREPARED BY: JAMES J. MC
IN CONSULTATION WITH: Baker



OLD IRON HILL ROAD - EXISTING SECTION



**OLD IRON HILL ROAD - PROPOSED SECTION
OPTION 1**



**OLD IRON HILL ROAD - PROPOSED SECTION
OPTION 2**

PEACE VALLEY BIKE & HIKE TRAIL
DOYLESTOWN TWP, BUCKS COUNTY, PENNSYLVANIA
TYPICAL SECTIONS

PA 0000000001 Rev. 1/10/10 (1/10/10) 10/10/10

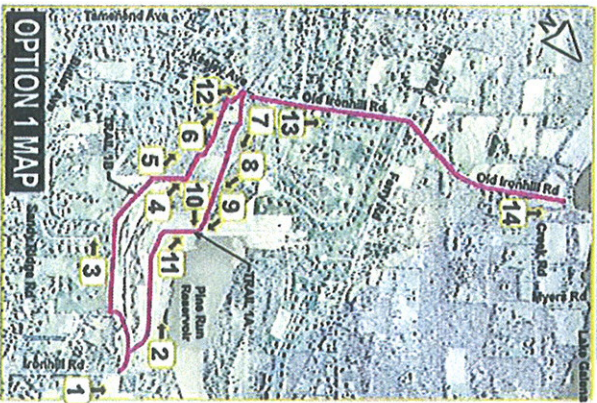


MICHAEL BAKER JR., INC.
201 GOSWOLD ROAD, SUITE 102
HORSBURGH, PA 19044



Potential Trail Location

PEACE VALLEY
BIKE & HIKE TRAIL



TRAIL OPTION 1

Baker

June 10, 2010

Potential Trail Location

PEACE VALLEY BIKE & HIKE TRAIL



1

South Chapman Rd looking west



2

South Chapman Rd looking West



3

Existing closed road/trail



4

Existing trail at Peace Valley Park looking south



5

Existing bridge at Peace Valley park



6

Ferry Rd looking east



7

Chapman Rd looking south



8

Chapman Rd looking south



9

Bridge over Pine Run on Chapman Rd



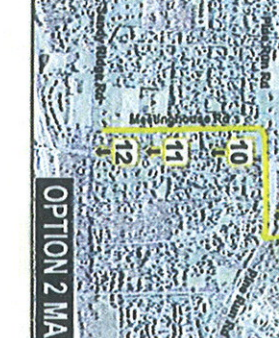
10

Meetinghouse Rd looking south



11

Narrow point in Meetinghouse Rd



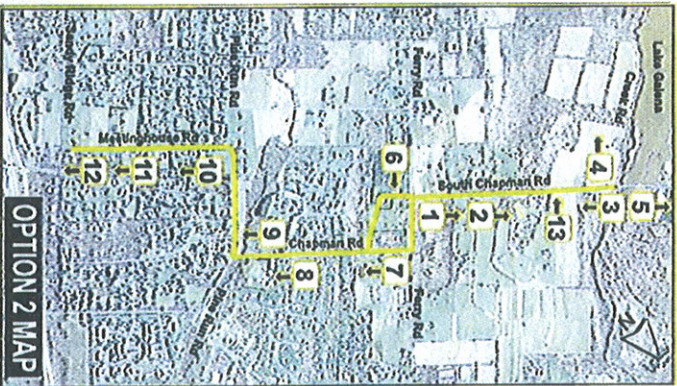
12

Meetinghouse Rd looking south



13

Existing parking area on South Chapman Rd



OPTION 2 MAP



TRAIL OPTION 2

Baker

June 10, 2010



Destination Peace Valley Trail Feasibility Study



Project Information June 10, 2010 Public Meeting

This planning study is being undertaken to advance the development of the Destination Peace Valley Trail which will connect the 1500 acres of bucolic, natural open space areas, Nature Center and 14 miles of nature trails at Peace Valley Park to the existing 15 mile long Doylestown Community Bike and Hike system as well as the planned Tri-municipal trail network in New Britain Township, New Britain and Chalfont Township. The engineering and planning consultant for the project is Michael Baker Jr., Inc. (Baker) of Horsham, PA. The study is funded through a \$24,500 grant through the PA Department of Conservation and Natural Resources (DCNR). Half of the grant funding is provided by cash or in kind services from the participating municipalities.

The Doylestown Community Bike and Hike Committee in conjunction with New Britain Township, New Britain and Chalfont Boroughs have a goal to connect their communities to the major natural resources at Peace Valley Park and Lake Galena through a walking and bicycling trail. Over the past several months, Baker has been working with representatives of the above municipalities as well as Bucks County to explore alternatives for locations of a potential future trail. Baker and the study committee have been developing an inventory of the existing conditions of each potential route, potential constraints and obstacles for each route as well as opportunities to connect to neighborhoods, existing/future trails and park resources in the area.

This public meeting serves to share the information that has been developed so far for the study with the general public and gather input on the potential trail locations. The results of this study will be summarized in a feasibility study report that will be submitted to the municipalities, Bucks County and DCNR. The study is anticipated to be completed by the fall of 2010. Based on the results of the study, the municipalities involved intend to seek funding for detailed design and construction of the recommended trail option in the near future.

For any comments or questions please contact:

Chris Stanford, P.E.
Michael Baker Jr., Inc.
201 Gibraltar Road, Suite 120
Horsham, PA 19044
215-444-0889 (fax)
215-444-0888 (phone)

Destination Peace Valley Trail Feasibility Study

June 10, 2010 Public Meeting

Name	Address	Email	Phone
St. Mary's	445 LINDA RD Doyle	wife@stmarys.org	215-348-9911
C. STALEY	BANK	cmstaley@stmarys.org	215-442-5333
LYRE BROOKFIELD	150 FERRY RD	STALEYBROOKFIELD	215-230-4588
FOREST BROOKFIELD	" "	" "	" "
Melissa Sheffer	40 N. Main St. Chalfont	msheffer@chalfontborough.com	215-899-7295
300 Petermanhe	1715 MacLennanhe Doyle		
Gray Harris	341 CEDARWOOD TERRE Doyle	harris33@verizon.net	215-345-0968
Bill & Norm Blumberg	396 Old Ironhill Rd Doyle	bill@pleasure.net	215-348-3883
Marianne & Sharron	393 Old Ironhill Rd Doyle	msheffer@chalfontborough.com	215-348-9452
John La Sala	106 Stodden Ct Chalfont	hyperperi@gmail.com	215-822-5767
Fran Walker	Sunnybrook Dr. NBT		
Howe & Maurice	10 Carthage Way	Howe, Maurice@verizon.net	215-884-4340
KURT SCHMIDT	109 LONGWOOD Circle	mschmidt@verizon.net	215-340-1854
Thompson & Brown	11 Thompson Rd Chalfont PA	Thompson@verizon.net	215-822-8256
Peter Catantoni	140 N. PARKVIEW Ave 4133	Acantoni@verizon.net	215-348-7879

Destination Peace Valley Trail Feasibility Study

June 10, 2010 Public Meeting

Name	Address	Email	Phone

Norm and Pat Blumberg
396 Old Troshitt Road
Doxelstown, PA 18901-5041
215-801-5262
Feel Pleasure @ Verizon.net

Destination Peace Valley Trail Feasibility Study
June 10, 2010

COMMENT FORM

Dear Community Member:

We are interested in your comments on the proposed project. Please take a moment to complete this comment form.

Comments:

Name: _____

Address: _____

Phone/Email: _____

Please mail/fax completed form to:

Chris Stanford, P.E.
Michael Baker Jr., Inc.
201 Gibraltar Road, Suite 120
Horsham, PA 19044
215-444-0889 (fax)

Thank you for completing this comment form and for your interest in this project!



DATE OF MEETING: June 10, 2010

LOCATION AND TIME: Doylestown Township Building, 6:00 P.M. to 8:00 PM

PROJECT: Destination Peace Valley Trail Feasibility Study

SUBJECT: Meeting Minutes from Plans Display and Public Meeting

PARTICIPANTS:

Chris Stanford, Michael Baker Jr., Inc. (Baker)

PURPOSE:

As part of the Public Participation Process, a general public meeting with Plan Displays was held at the Doylestown Township Building for public officials, local community groups and residents. A map showing the two corridors under consideration for the trail was presented to the attendees. Two photo boards showing the existing conditions of each route was on display. Also on display was a matrix comparing the pros and cons of each route as well as potential typical sections for the Old Iron Hill Road corridor. Mr. Stanford took one on one questions for the first hour and made a presentation to the group at 7 PM. Questions and answers were provided after the presentation. Informational handouts and copies of the trail map were available at the entrance. Comment sheets were available as well. A copy of the sign-in sheets is attached and the following questions and issues were discussed.

Highlights of Citizen Feedback from the meeting:

- Concerns about impacts of adding a 8'-10' path on Old Iron Hill Road. Suggestions to provide 4' paved shoulders instead. Potential of a separate 4'-5' path for walkers was mentioned.
- Residents indicate that there are drainage problems at the Ferry Rd./Old Iron Hill Rd. intersection
- Residents indicated that additional right of way has been dedicated to New Britain Twp on Old Iron Hill Rd. between Ferry Rd and House #396 from previous subdivision plans
- Brown-Gold's at 150 Ferry Road were considered about impacts to mature trees on their property. They requested a path that "fit in" with the existing area and was not out of scale.
- Feedback from residents on Cavallo Way was that they prefer trail Option 1A through Pine Run which would be closer to the lake.
- Residents indicated that the steep grades on Chapman Road could be looked at as a positive (i.e. Doylestown's version of the Manayunk Wall)
- Residents requested that traffic volumes be acquired for Old Iron Hill Road. Many were concerned about the safety of bikes and peds on this roadway since traffic volumes have been increasing over the past few years. This occurs during the AM and PM rush hours and on weekends. The roadway is used frequently by boaters accessing Peace Valley Park.
- Suggestion to use a combination of Trail Option 1A and the woods path near the soccer field from Trail Option 1B. This would avoid a wet area closer to the creek.
- Another suggestion to cross over the spillway and come down the north side of Pine Run. This option would avoid the need for a new ped bridge but would not provide direct access to Covered Bridge Park

- There is a naturalized area with bird houses within Pine Run. This area should be avoided with the path.
- A field meeting with the residents of Old Iron Hill Road was recommended. Baker will contact the residents in the near future to set this up.
- Residents of Longwood Circle liked the idea of a ped bridge and direct access to Covered Bridge Park

The meeting was adjourned at approx. 8:15 P.M.



364 Maple Avenue, Harleysville, PA 19438
p 215-256-4080 f 215-256-4081

September 8, 2010

cstanford@mbakercorp.com

Christopher Stanford
Michael Baker, Jr. Inc.
201 Gibraltar Road, Suite 120,
Horsham, PA 19044-2331

Dear Chris:

The engineers' estimate for the trail bridge in Doylestown, Bucks County, PA, using the CONTINENTAL Bridge System, is as follows:

1 only-60'x 10' Continental Bridge half-through Connector truss, one diagonal per panel, square end vertical, bearings at equal elevations, fabricated from atmospheric corrosion resistant steel, galvanized pans for 6" concrete deck (by others), galvanized pipe handrail, 1/4" x 6" steel toe plate placed 2" above deck, horizontal safety rails placed on the outside of the truss to produce a maximum opening of less than 4" to a minimum height of 42", dead load camber over entire span of bridge, 85 psf uniform live load, or one 10,000 lb. vehicle load, 25 psf uniform wind load over the vertical projection of the bridge as if enclosed. This bridge will be delivered in one piece. The approximate total lifting weight of the bridge is 18,600 lbs.

Delivered Price: Doylestown, Bucks County, PA..... \$44,500.00, plus sales tax

Estimated prices are valid for 180 days. This is an estimate based on the information available to us at the present time. This estimate is subject to change at any time and is not to be construed as an offer or contractual obligation between the parties.

¹The following is not included:

- Soil testing, design, excavation and construction of bridge foundations including anchor bolts.
- All construction surveying, including field measurement and verification of abutments
- Anchor bolts placement, unloading and erection of the bridge.
- Touch up painting (Painted Bridges only).

Thank you for your interest in CONTECH Bridge Solutions, Inc. If you have any questions, would like to consider another option or elect to use the CONTINENTAL System, please contact us 215-498-3249.

Sincerely,
William G. Gray
Project Consultant



NEW BRITAIN TOWNSHIP POLICE

Highway Safety Unit - Traffic Count Report

Volume

Site Code: 0000003
 Station ID: Sector 2-2
 400 Block Old Iron Hill Rd
 btwn Ferry Rd and Creek Rd
 Latitude: 0' 0.000 Undefined

Start Time	21-Jun-10		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	*	*	0	1	1	0	0	0	2	0	0	1	1	0
01:00	*	*	*	*	0	0	0	2	0	0	0	0	1	1	0	1
02:00	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	0	0	0	1	0	0	0	0	1	2	0	1
04:00	*	*	*	*	0	0	0	1	0	0	0	1	0	1	0	1
05:00	*	*	*	*	0	0	0	6	2	1	0	1	1	1	1	2
06:00	*	*	*	*	6	7	11	8	7	16	3	7	2	7	6	9
07:00	*	*	*	*	21	17	16	15	18	16	6	19	0	15	12	16
08:00	*	*	*	*	16	17	15	16	16	15	9	22	3	17	12	17
09:00	*	*	9	9	4	8	9	8	9	15	6	17	9	17	8	13
10:00	*	*	5	11	7	9	7	15	5	9	5	18	4	14	6	13
11:00	*	*	6	18	5	7	4	12	6	10	9	15	3	23	6	14
12:00 PM	*	*	7	20	3	15	9	14	3	18	7	15	3	23	6	14
01:00	*	*	6	16	2	12	7	23	3	16	5	23	7	22	6	16
02:00	*	*	4	13	10	23	3	21	4	21	5	19	5	24	5	20
03:00	*	*	10	14	6	24	4	23	8	30	0	20	8	18	6	22
04:00	*	*	6	40	7	53	4	58	9	58	3	19	4	19	6	41
05:00	*	*	4	123	2	105	6	82	3	78	5	16	7	15	4	70
06:00	*	*	3	35	6	37	1	29	6	22	6	10	6	11	5	24
07:00	*	*	2	13	4	21	3	20	4	15	5	17	3	7	4	16
08:00	*	*	0	10	9	10	5	17	2	6	6	8	6	8	5	10
09:00	*	*	1	3	4	4	3	5	6	4	1	2	1	1	3	3
10:00	*	*	1	2	1	4	0	2	2	1	5	0	3	1	3	3
11:00	*	*	1	0	0	2	2	0	1	0	1	2	0	0	1	1
Lane	0	0	65	327	113	376	110	376	114	352	85	294	74	249	102	333
Day	0	0	392	489	486	466	349	323	435							
AM Peak			09:00	11:00	07:00	07:30	07:00	08:00	07:00	06:00	08:00	08:00	09:00	11:00	07:00	08:00
Vol.			9	18	21	17	16	16	16	16	9	22	9	23	12	17
PM Peak			15:00	17:00	14:00	17:00	12:00	17:00	16:00	17:00	12:00	13:00	15:00	14:00	12:00	17:00
Vol.			10	123	10	105	9	82	9	78	7	23	8	24	6	70



NEW BRITAIN TOWNSHIP POLICE

Highway Safety Unit - Traffic Count Report

Site Code: 00000003
 Station ID: Sector 2-2
 400 Block Old Iron Hill Rd
 btwn Ferry Rd and Creek Rd
 Latitude: 0' 0.000 Undefined

Speed

EB, WB

Start Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999	Total
6/22/10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
01:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
02:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
03:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
04:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
05:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
08:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
07:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
08:00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
09:00	16	2	0	0	0	0	0	0	0	0	0	0	0	0	18
10:00	13	3	0	0	0	0	0	0	0	0	0	0	0	0	16
11:00	21	2	1	0	0	0	0	0	0	0	0	0	0	0	24
12 PM	25	1	1	0	0	0	0	0	0	0	0	0	0	0	27
13:00	18	4	0	0	0	0	0	0	0	0	0	0	0	0	22
14:00	14	3	0	0	0	0	0	0	0	0	0	0	0	0	17
15:00	23	1	0	0	0	0	0	0	0	0	0	0	0	0	24
16:00	40	6	0	0	0	0	0	0	0	0	0	0	0	0	46
17:00	91	31	5	0	0	0	0	0	0	0	0	0	0	0	127
18:00	37	1	0	0	0	0	0	0	0	0	0	0	0	0	38
19:00	12	3	0	0	0	0	0	0	0	0	0	0	0	0	15
20:00	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
21:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4
22:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	325	57	10	0	0	0	0	0	0	0	0	0	0	0	392

Daily

- 15th Percentile : 6 MPH
- 50th Percentile : 21 MPH
- 85th Percentile : 36 MPH
- 95th Percentile : 40 MPH

Mean Speed(Average) : 21 MPH

10 MPH Pace Speed : 31-40 MPH

- Number In Pace : 102
- Percent In Pace : 26.0%
- Number of Vehicles > 35 MPH : 67
- Percent of Vehicles > 35 MPH : 17.1%



NEW BRITAIN TOWNSHIP POLICE
 Highway Safety Unit - Traffic Count Report

Site Code: 00000003
 Station ID: Sector 2-2
 400 Block Old Iron Hill Rd
 btwn Ferry Rd and Creek Rd
 Latitude: 0' 0.000 Undefined

Speed

EB, WB

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total
	35	40	45	50	55	60	65	70	75	80	85	90	95	99	
6/23/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	10	3	0	0	0	0	0	0	0	0	0	0	0	0	13
07:00	37	0	1	0	0	0	0	0	0	0	0	0	0	0	38
08:00	30	3	0	0	0	0	0	0	0	0	0	0	0	0	33
09:00	11	1	0	0	0	0	0	0	0	0	0	0	0	0	12
10:00	15	1	0	0	0	0	0	0	0	0	0	0	0	0	16
11:00	11	1	0	0	0	0	0	0	0	0	0	0	0	0	12
12 PM	15	2	1	0	0	0	0	0	0	0	0	0	0	0	18
13:00	9	5	0	0	0	0	0	0	0	0	0	0	0	0	14
14:00	29	4	0	0	0	0	0	0	0	0	0	0	0	0	33
15:00	24	4	2	0	0	0	0	0	0	0	0	0	0	0	30
16:00	46	11	3	0	0	0	0	0	0	0	0	0	0	0	60
17:00	81	23	3	0	0	0	0	0	0	0	0	0	0	0	107
18:00	34	9	0	0	0	0	0	0	0	0	0	0	0	0	43
19:00	15	9	0	1	0	0	0	0	0	0	0	0	0	0	25
20:00	14	5	0	0	0	0	0	0	0	0	0	0	0	0	19
21:00	7	1	0	0	0	0	0	0	0	0	0	0	0	0	8
22:00	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	395	83	10	1	0	0	0	0	0	0	0	0	0	0	489

Day

15th Percentile : 7 MPH
 50th Percentile : 22 MPH
 85th Percentile : 37 MPH
 95th Percentile : 40 MPH

 Mean Speed(Average) : 22 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 138
 Percent in Pace : 28.2%
 Number of Vehicles > 35 MPH : 94
 Percent of Vehicles > 35 MPH : 19.2%



NEW BRITAIN TOWNSHIP POLICE
Highway Safety Unit - Traffic Count Report

Site Code: 00000003
Station ID: Sector 2-2
400 Block Old Iron Hill Rd
btwn Ferry Rd and Creek Rd
Latitude: 0' 0.000 Undefined

Speed

EB, WB

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total
Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999	Total
6/24/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	4	2	0	0	0	0	0	0	0	0	0	0	0	0	6
06:00	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
07:00	22	9	0	0	0	0	0	0	0	0	0	0	0	0	31
08:00	27	4	0	0	0	0	0	0	0	0	0	0	0	0	31
09:00	15	1	1	0	0	0	0	0	0	0	0	0	0	0	17
10:00	20	2	0	0	0	0	0	0	0	0	0	0	0	0	22
11:00	14	2	0	0	0	0	0	0	0	0	0	0	0	0	16
12 PM	21	2	0	0	0	0	0	0	0	0	0	0	0	0	23
13:00	25	5	0	0	0	0	0	0	0	0	0	0	0	0	30
14:00	19	4	1	0	0	0	0	0	0	0	0	0	0	0	24
15:00	25	2	0	0	0	0	0	0	0	0	0	0	0	0	27
16:00	40	16	4	0	0	0	0	0	0	0	0	0	0	0	60
17:00	60	20	5	3	0	0	0	0	0	0	0	0	0	0	88
18:00	20	6	4	0	0	0	0	0	0	0	0	0	0	0	30
19:00	18	5	0	0	0	0	0	0	0	0	0	0	0	0	23
20:00	17	4	1	0	0	0	0	0	0	0	0	0	0	0	22
21:00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	393	64	16	3	0	0	0	0	0	0	0	0	0	0	486

Daily
 15th Percentile : 7 MPH
 50th Percentile : 23 MPH
 85th Percentile : 37 MPH
 95th Percentile : 40 MPH
 Mean Speed(Average) : 22 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 137
 Percent in Pace : 28.2%
 Number of Vehicles > 35 MPH : 103
 Percent of Vehicles > 35 MPH : 21.2%



NEW BRITAIN TOWNSHIP POLICE
 Highway Safety Unit - Traffic Count Report

Site Code: 00000003
 Station ID: Sector 2-2
 400 Block Old Iron Hill Rd
 btwn Ferry Rd and Creek Rd
 Latitude: 0' 0.000 Undefined

Speed

EB, WB

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total
Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999	
6/25/10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00	22	1	0	0	0	0	0	0	0	0	0	0	0	0	23
07:00	28	5	1	0	0	0	0	0	0	0	0	0	0	0	34
08:00	29	1	1	0	0	0	0	0	0	0	0	0	0	0	31
09:00	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
10:00	12	2	0	0	0	0	0	0	0	0	0	0	0	0	14
11:00	14	1	1	0	0	0	0	0	0	0	0	0	0	0	16
12 PM	16	5	0	0	0	0	0	0	0	0	0	0	0	0	21
13:00	17	2	0	0	0	0	0	0	0	0	0	0	0	0	19
14:00	22	3	0	0	0	0	0	0	0	0	0	0	0	0	25
15:00	28	8	2	0	0	0	0	0	0	0	0	0	0	0	38
16:00	55	11	1	0	0	0	0	0	0	0	0	0	0	0	67
17:00	56	14	10	1	0	0	0	0	0	0	0	0	0	0	81
18:00	26	2	0	0	0	0	0	0	0	0	0	0	0	0	28
19:00	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
20:00	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
21:00	9	1	0	0	0	0	0	0	0	0	0	0	0	0	10
22:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	333	56	16	1	0	0	0	0	0	0	0	0	0	0	466

Daily

15th Percentile : 6 MPH
 50th Percentile : 21 MPH
 85th Percentile : 36 MPH
 95th Percentile : 40 MPH

Mean Speed(Average) : 21 MPH
 10 MPH Pace Speed : 1-10 MPH
 Number in Pace : 118
 Percent in Pace : 25.3%
 Number of Vehicles > 35 MPH : 73
 Percent of Vehicles > 35 MPH : 15.7%



NEW BRITAIN TOWNSHIP POLICE
Highway Safety Unit - Traffic Count Report

Site Code: 00000003
Station ID: Sector 2-2
400 Block Old Iron Hill Rd
btwn Ferry Rd and Creek Rd
Latitude: 0' 0.000 Undefined

Speed

EB, WB

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total
Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999	Total
6/26/10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	6	2	0	0	0	0	0	0	0	0	0	0	0	0	10
07:00	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25
08:00	29	2	0	0	0	0	0	0	0	0	0	0	0	0	31
09:00	20	2	1	0	0	0	0	0	0	0	0	0	0	0	23
10:00	22	1	0	0	0	0	0	0	0	0	0	0	0	0	23
11:00	19	5	0	0	0	0	0	0	0	0	0	0	0	0	24
12:PM	24	4	0	0	0	0	0	0	0	0	0	0	0	0	28
13:00	24	3	1	0	0	0	0	0	0	0	0	0	0	0	28
14:00	21	3	0	0	0	0	0	0	0	0	0	0	0	0	24
15:00	10	2	0	0	0	0	0	0	0	0	0	0	0	0	20
16:00	17	5	0	0	0	0	0	0	0	0	0	0	0	0	22
17:00	17	4	0	0	0	0	0	0	0	0	0	0	0	0	21
18:00	16	0	0	0	0	0	0	0	0	0	0	0	0	0	16
19:00	19	3	0	0	0	0	0	0	0	0	0	0	0	0	22
20:00	12	2	0	0	0	0	0	0	0	0	0	0	0	0	14
21:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
22:00	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
23:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	306	41	2	0	0	0	0	0	0	0	0	0	0	0	349

Daily
 15th Percentile : 6 MPH
 50th Percentile : 20 MPH
 85th Percentile : 34 MPH
 95th Percentile : 39 MPH
 Mean Speed(Average) : 20 MPH
 10 MPH Pace Speed : 1-10 MPH
 Number in Pace : 90
 Percent in Pace : 25.8%
 Number of Vehicles > 35 MPH : 43
 Percent of Vehicles > 35 MPH : 12.3%



NEW BRITAIN TOWNSHIP POLICE

Highway Safety Unit - Traffic Count Report

Site Code: 00000003
 Station ID: Sector 2-2
 400 Block Old Iron Hill Rd
 btwn Ferry Rd and Creek Rd
 Latitude: 0' 0.000 Undefined

Speed

EB, WB

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total
6/27/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
06:00	7	2	0	0	0	0	0	0	0	0	0	0	0	0	9
07:00	13	2	0	0	0	0	0	0	0	0	0	0	0	0	15
08:00	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20
09:00	28	1	0	0	0	0	0	0	0	0	0	0	0	0	29
10:00	16	2	0	0	0	0	0	0	0	0	0	0	0	0	18
11:00	24	2	0	0	0	0	0	0	0	0	0	0	0	0	26
12 PM	23	5	1	0	0	0	0	0	0	0	0	0	0	0	29
13:00	18	4	0	0	0	0	0	0	0	0	0	0	0	0	22
14:00	24	5	0	0	0	0	0	0	0	0	0	0	0	0	29
15:00	26	0	0	0	0	0	0	0	0	0	0	0	0	0	26
16:00	19	4	0	0	0	0	0	0	0	0	0	0	0	0	23
17:00	19	3	0	0	0	0	0	0	0	0	0	0	0	0	22
18:00	16	1	0	0	0	0	0	0	0	0	0	0	0	0	17
19:00	8	2	0	0	0	0	0	0	0	0	0	0	0	0	10
20:00	12	2	0	0	0	0	0	0	0	0	0	0	0	0	14
21:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	284	30	1	0	0	0	0	0	0	0	0	0	0	0	323

Daily

- 15th Percentile: 6 MPH
- 50th Percentile: 20 MPH
- 85th Percentile: 34 MPH
- 95th Percentile: 38 MPH
- Mean Speed(Average): 20 MPH
- 10 MPH Pace Speed: 1-10 MPH
- Number in Pace: 84
- Percent in Pace: 26.0%
- Number of Vehicles > 35 MPH: 39
- Percent of Vehicles > 35 MPH: 12.1%



NEW BRITAIN TOWNSHIP POLICE

Highway Safety Unit - Traffic Count Report

Site Code: 00000003
 Station ID: Sector 2-2
 400 Block Old Iron Hill Rd
 blwn Ferry Rd and Creek Rd
 Latitude: 0' 0.000 Undefined

Speed

EB, WB

Start Time	1	36	41	46	51	56	61	66	71	76	81	86	91	96	Total
Time	35	40	45	50	55	60	65	70	75	80	85	90	95	999	Total
6/28/10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00	14	2	0	0	0	0	0	0	0	0	0	0	0	0	16
07:00	23	3	0	0	0	0	0	0	0	0	0	0	0	0	26
08:00	23	1	0	0	0	0	0	0	0	0	0	0	0	0	24
09:00	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13
10:00	13	1	0	0	0	0	0	0	0	0	0	0	0	0	14
11:00	11	1	0	0	0	0	0	0	0	0	0	0	0	0	12
12 PM	17	5	0	0	0	0	0	0	0	0	0	0	0	0	22
13:00	18	2	0	1	0	0	0	0	0	0	0	0	0	0	21
14:00	25	3	0	0	0	0	0	0	0	0	0	0	0	0	28
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	163	18	0	1	0	0	0	0	0	0	0	0	0	0	182

Daily

15th Percentile : 6 MPH
 50th Percentile : 19 MPH
 85th Percentile : 33 MPH
 95th Percentile : 38 MPH

Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 1-10 MPH
 Number in Pace : 50
 Percent in Pace : 27.5%
 Number of Vehicles > 35 MPH : 19
 Percent of Vehicles > 35 MPH : 10.4%

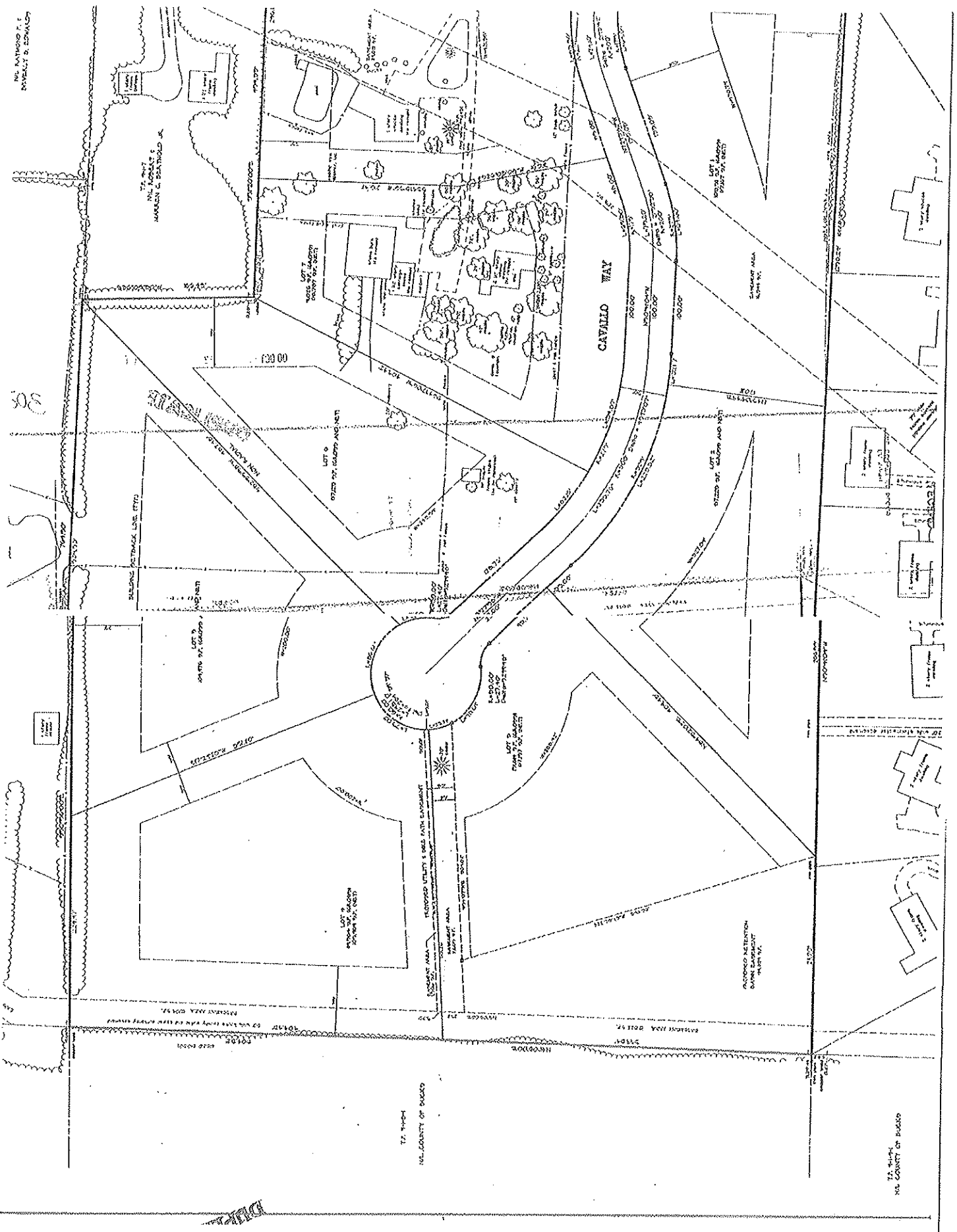
Grand Total	2249	377	55	6	0	0	0	0	0	0	0	0	0	0	2687
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Overall

15th Percentile : 7 MPH
 50th Percentile : 21 MPH
 85th Percentile : 36 MPH
 95th Percentile : 40 MPH

Mean Speed(Average) : 21 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 697
 Percent in Pace : 25.9%
 Number of Vehicles > 35 MPH : 438
 Percent of Vehicles > 35 MPH : 16.3%

NO. 1000000 P.L. 1
PROJECT 8, 2000000

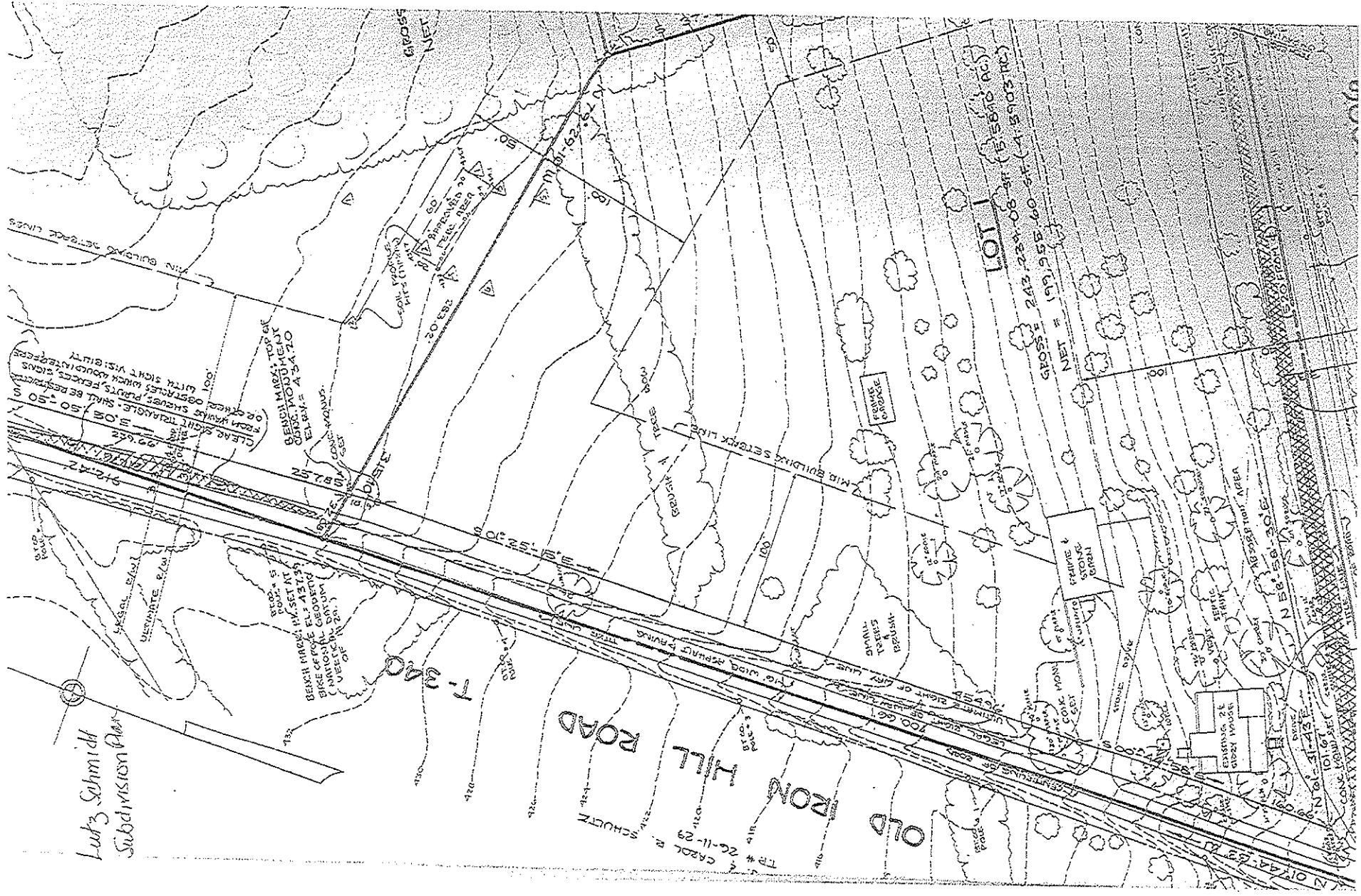


T.A. HICKS
MIL COUNTY OF INDIANA

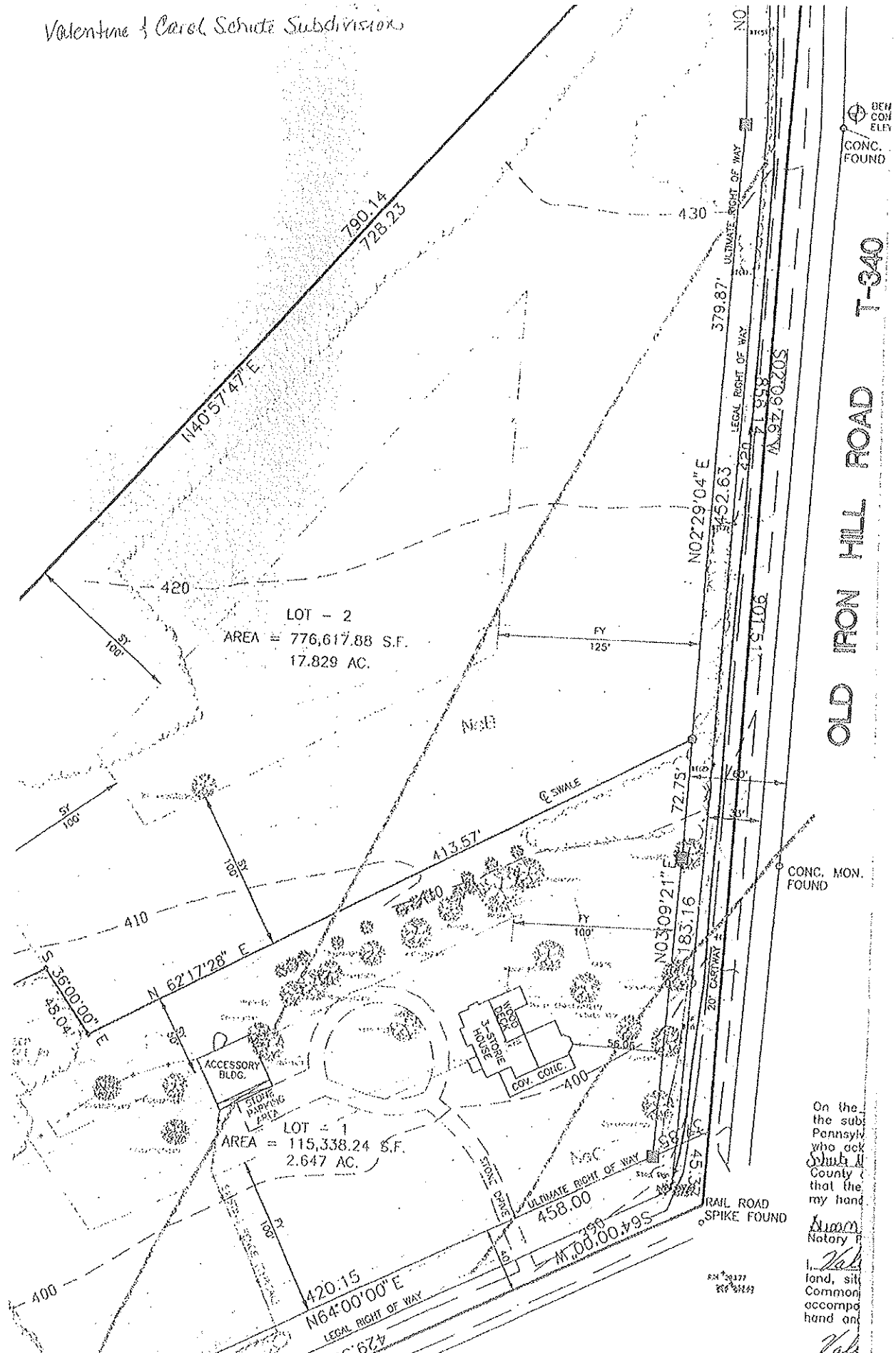
T.A. HICKS
MIL COUNTY OF INDIANA

300

Lutz Schmidt
Subdivision Plan



Valentine & Carol Schurtz Subdivisions



OLD IRON HILL ROAD T-340

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