



March 31, 2016

Mr. Don Adams
Morgan County Commissioner
180 S. Main Street, Suite 112
Martinsville, Indiana 46151
dadams@morgancounty.in.gov
(765) 341-1007

RE: Triple Crown Drive

Mr. Adams,

SJCA has performed a topographic survey of the existing roadway, identified the location of the existing easement, performed layout of the proposed roadway section to the Morgan County Standard for a local roadway (24 feet of pavement). We have investigated the impacts of the proposed roadway section with the existing utilities within the easement. If the County moves forward with the reconstruction of the roadway to County Standards, several utility facilities along the roadway would need to relocate out to the extents of the easement/right of way. In order for these relocation efforts to be reimbursable, the utility facility must have a property interest, which we do not believe the utilities to have. The major concern in the area is drainage and whether or not positive drainage can be achieved. SJCA has performed a visual inspection of the area with the Morgan County Engineer, during a rain event to see how and where the existing surface runoff is going to. During this visual inspection, multiple outlet points of the existing surface runoff were identified. It is anticipated to be able to use those existing outlet points for the proposed runoff, however, a detailed hydraulic study/report has not been scoped or performed at this point in time. The majority of the existing surface runoff drains to the east, to the area to the north of the "cul-de-sac" and continues to the east through a couple of existing pipes. It also appears that the initial 700 feet of Triple Crown Lane drains back to the west and discharges into one of the two ponds that are on either side of the roadway.

Prepared by

SJCA P.C.

Matthew S. Larrabee, P.E.
Senior Project Manager

MONDAY, AUGUST 17, 2015 AT 6:30 P.M.

BARRETT LAW DISCUSSION – Triple Crown

Gary Hughes, a resident on Triple Crown Lane, submitted a petition as follows: “The residents of Triple Crown Lane do hereby ask that Morgan County facilitate the repair and upgrade to code of Triple Crown Lane so that the residents are provided with a safe corridor to and from their homes. The goal is to make Triple Crown Lane safe and passable for all residents, to garner full participation from all residents of the lane, to convert the lane from a private lane to a county road, to provide better water access for fire protection services along the lane. The problem is the residents find it impossible to maintain a safe and usable quality of standards for Triple Crown Lane because the lane was not originally created to code. Substantial drainage issues further complicate the situation. Numerous potholes surface every spring and residential repair efforts through the summer and fall wash away with every rainstorm. Cars cannot navigate the lane and a number of vehicles have been compromised because sizeable potholes overtake the lane throughout the year. Delivery vehicles, garbage trucks, and large commercial trucks aggravate the damages. Pedestrian walking and bike riding on the lane are not safe options for residents because of these road hazards. We ask the Commission to further consider the safety of the residents by preparing a second project estimate that includes fire hydrants along the lane. The safety of residents living on Triple Crown Lane depends heavily on the repair of the lane. Furthermore, by converting Triple Crown Lane from a private lane to a county road, the quality of life for the residents and their property values would be greatly increased.” Mr. Hughes stated that the petition was signed by 17 of the 20 property owners (85%).

Don Adams stated that he has been meeting with the residents, but it has not been a fast process although the cooperation amongst the neighbors has been wonderful. The Barrett Law allows for the residents to petition for the road.

Rod Bray stated that in order to move forward, the next step is for the Board to vote to proceed and obtain estimates based on plans and specifications. The Board would then approve a preliminary resolution and then a confirmatory resolution once the plans and specifications come in. Mr. Bray stated that opposing residents could file a remonstrance. There is a front end cost to the county, but the cost would ultimately be paid by the residents. The costs would be added to the tax bills and paid back to the county for a period of up to 30 years.

Mr. Adams stated that road width could be an option, depending on location of utilities, drainage, and cost. Don Adams made a motion to move forward with the project and order that the plans, specifications, and estimate be prepared for both options (with and without fire hydrants).

Brian Goss stated that he would like an estimate before moving forward; if they do this for everyone who asks, the county could be stuck paying money for a select group and that isn't fair to the rest of the taxpayers.

Dick Robertson with SICCA stated that they could prepare a preliminary estimate that would not include a design or sketches for approximately \$10,000 and this could be added into the total reimbursable cost. Once the road structure is determined, they would prepare a design. Don Adams stated that they have a rough estimate of \$300,000 and residents were still willing to move forward. There was a comment from the public that some of the residents that hadn't signed the petition were willing to sign, they just weren't available. Brian Goss seconded the motion. Motion carried 3-0.

MONDAY, SEPTEMBER 21, 2015 AT 6:30 P.M.

SJCA AGREEMENT – Triple Crown Lane

Dick Robertson, SJCA, was present to request approval of an agreement for the surveying and engineering for Triple Crown Lane. The cost for this agreement is not to exceed \$15,000 and includes an additional 750 feet of roadway and drawings. Don Adams stated that this will be paid for upfront, but will be added to the total cost of the project and will be paid for by the residents through the Barrett Law and will not be a cost to the county. Rod Bray stated that once the preliminary engineering is complete, the Board will need to approve a resolution in order to move forward. Mr. Robertson stated that the agreement also includes the estimate for fire hydrants and drainage.

Norman Voyles stated that he would like some indication from the property owners that they are onboard before any work begins. Don Adams stated that a ball park estimate is \$350,000, which was presented at a meeting that many of the property owners attended, and 85% of the property owners supported the project.

Robert Jones stated that he is a trustee for his mother's property (5 lots) and this will put an undue burden on her. Mr. Jones stated that \$300,000 would be an expense of \$10,000 to \$11,000 per lot. Mr. Adams stated that this cost would be paid back over 30 years. Mr. Jones stated that this would make the property value less and he is opposed to the project.

Jerry Moore stated that he has been to several of the property owner meetings and the residents were not in favor of spending \$50,000 to patch the road and asked how that evolved into \$300,000 to fix the road. This statement sparked discussion between Mr. Moore and several other residents. Mr. Adams stated that there will be a remonstrance period during which these issues can be brought up, but it is preliminary since they do not have all the required information yet.

Rod Bray stated that ultimately, the Board of Commissioners decides whether to move forward or not, but the homeowners do have input. The contract that is before the Board now is to obtain an estimate and puts the engineering firm in motion to put the preliminary specifications together; it is not a contract to begin the project.

Mr. Moore stated that they would be penalized and would have to pay more than their fair share unless they come up with a different solution.

Don Adams made a motion to proceed with the contract. Brian Goss stated that he did not think it would be right to gamble with the county's money and he felt that is what they would be doing; the homeowners should have gotten together to come up with their own solution. An unidentified resident stated that they have had several meetings. Mr. Adams stated that they can't make a decision until they know what the cost will be and they won't have the cost until the study is done.

Mr. Robertson stated that they could lower the agreement cost to \$11,000 if the Board wants the road to end at the first lot that is owned by Mr. Jones' mother. Mr. Adams made a motion to exclude Article I B, "Additional Topographic Survey" and Article I D, "Additional Preliminary Engineering". This reduces cost in Article IV "Compensation" to \$11,000. Motion seconded by Norman Voyles. Motion carried 2-1. Brian Goss was opposed.

MONDAY, MAY 2, 2016 AT 9:30 A.M

TRIPLE CROWN LANE

Dick Robertson, SJCA Engineers & Surveyors, was present to update the Board regarding Triple Crown Lane. Mr. Robertson stated that they have completed a topographic survey of the existing roadway, identified easements, performed a layout of the proposed roadway section, and investigated impacts of the proposed roadway with existing utilities. If the county moves forward with the reconstruction of the roadway, several utilities along the roadway would need to relocate to the extent of the right of way. Of major concern is the drainage in the area. Mr. Robertson and Larry Smith, Morgan County Highway Engineer, visually inspected the area during a rain event and identified outlet points for the runoff. The majority of the surface runoff drains to the east, to an area north of the cul-de-sac. The initial 700 feet of Triple Crown Lane drains back to the west and discharges into one of the two ponds that are on either side of the roadway. The estimate to bring the road up to county standards is \$303,000 and does not include a drainage plan. An alternate recommendation would be to remove the bad areas, put in new base with five inches of asphalt, and install stone shoulders. The cost for this would be \$160,000 to \$175,000. Discussion followed on easements and requiring a homeowners association.

FRIDAY, SEPTEMBER 2, 2016 AT 9:30 A.M.

TRIPLE CROWN LANE – SJCA

Dick Robertson, SJCA, was present to update the Board on the Triple Crown Lane project. This project proposes to use the Barrett Law for improvements to a private road. Mr. Robertson presented construction estimates of \$264,000. There are also engineering and bid costs which bring the total project cost to \$305,000 including the \$11,000 the county has already paid. Matt Larrabee, SJCA Project Engineer, stated that they were tasked with providing an estimate to restore the road to county standard. This would have a tremendous impact on existing utilities, so the proposal was changed to stay within the existing width of the current road. The proposal includes overlaying the existing road with 8" of asphalt, using the existing asphalt as the base. The road will have 1' stone shoulders on each side and the adjoining driveways would be tied into the new roadway with similar materials as the current driveway. Adding the overlay raises the elevation of the road and this will prevent water from running down the pavement. Rod Bray stated that if they proceed with the project, they cannot go higher than the estimate. Mr. Larrabee stated that he would provide a detailed final estimate before proceeding. Mr. Robertson stated that they would be available to answer questions for the public hearing. Mr. Robertson stated that the next step is to prepare a resolution for the next meeting. Mr. Bray stated that if the resolution is approved, there will be a public hearing after notice is given to the property owners. There is then a remonstrance period. Mr. Robertson stated that notification costs could be added into the project cost. Don Adams stated that the road would remain private and the homeowners association would have to take responsibility for the maintenance.

Mr. Adams stated that the funds for the project would come from the Indiana Bond Bank. Mr. Bray stated that the county would be responsible for the debt until the property owners pay it back through property taxes.

MONDAY, SEPTEMBER 19, 2016 AT 6:30 P.M.

TRIPLE CROWN LANE – *Preliminary Resolution*

Rod Bray presented a Preliminary Resolution to Utilize Barrett Law Funding for the Construction of a Roadway and Drainage in Triple Crown Acres. Mr. Bray stated that this is for road improvements and drainage improvements in the subdivision. In order to move forward, the Board would need to approve the resolution. If it is passed, the Board would need to set a public hearing date so the public can voice their opinion. Mr. Bray stated that notice of the public hearing would need to be sent to the newspaper and to each property owner in the subdivision and suggested that the hearing be set for October 17, 2016.

Don Adams stated that the Indiana Bond Bank has a new program that could fund this project and a representative could probably attend the October 17th meeting to explain the program if requested. Mr. Adams stated that this program would work well for this project.

Don Adams made a motion to approve the Preliminary Resolution to Utilize Barrett Law Funding for the Construction of a Roadway and Drainage in Triple Crown Acres. Motion seconded by Brian Goss. Motion carried 3-0.

Don Adams made a motion to set a public hearing date of October 17, 2016. Motion seconded by Brian Goss. Motion carried 3-0.

MONDAY, OCTOBER 17, 2016 AT 6:30 P.M.

TRIPLE CROWN LANE

Rod Bray stated that the public hearing for Triple Crown Lane was scheduled for this meeting, but was postponed because the financing costs are not known yet. Don Adams stated that the road is not in good shape and he would like to get something done before winter. Mr. Bray stated that they need to present the maximum cost that will be incurred because they cannot pay more than that for the project. The estimate presented so far is \$305,000 including \$11,000 in miscellaneous costs, but does not include any financing costs. Mr. Adams stated that he would like to talk to the Indiana Bond Bank about the financing. After discussion, it was decided to set the public hearing for November 21st.

FRIDAY, OCTOBER 7, 2016 AT 1:30 P.M.

TRIPLE CROWN LANE

Norman Voyles stated that the public hearing for Triple Crown Lane was scheduled for October 17th, but there is still some financing information that has not been completed. Rod Bray stated that the Board will need to be able to tell the residents exactly how much the project will cost at the hearing and they are not able to do that yet. Mr. Bray suggested pushing the hearing back to November 7th. Brian Goss made a motion to set the public hearing for November 7th. Motion seconded by Don Adams. Motion carried 3-0.

MONDAY, NOVEMBER 21, 2016 AT 9:30 A.M.

TRIPLE CROWN LANE

Rod Bray stated that a public hearing was scheduled for this meeting, but it has been delayed because the finance information for the project is not complete. Mr. Bray stated that the amount in the preliminary resolution is the maximum amount that the project can cost; this includes financing costs and interest. Mr. Bray met with officials last week but does not have the figures yet. The homeowners have been notified of the delay. Don Adams made a motion to table the public hearing until the information is available. Motion seconded by Brian Goss. Motion carried 3-0. Don Adams stated that he would like to see the public hearing scheduled in the evening so most of the homeowners can attend.

MONDAY, JUNE 5, 2017 AT 9:30 A.M.

TRIPLE CROWN LANE

Rod Bray stated that he has been working with Ryan Goodwin on the Triple Crown Lane/Barrett Law Project and it sounds like the neighborhood is ready to have a public hearing on the project. Mr. Bray stated that he is also working with Umbaugh & Associates to determine exactly what the maximum cost will be to each lot owner. They already passed a preliminary resolution last fall. Ryan Goodwin suggested having the public hearing either June 30th or July 17th, whichever works for the residents. Mr. Goodwin stated that he has obtained a revised engineering estimate from the vendor and was able to get terms from a local bank. Mr. Goodwin stated that he would like to give the floor to the residents and make decisions after that.

MONDAY, JUNE 30, 2017 AT 9:30 A.M.

TRIPLE CROWN LANE PROJECT

Ryan Goodwin stated that he has been working with Rod Bray regarding the Triple Crown Lane road project. There will be a public hearing for the residents of that street on July 17th. There are members of the community that will ask the county to take the road over if improvements are completed. Financing has been secured and the project is ready to move forward. Norman Voyles asked if the Commissioners would like to begin the meeting early so the public hearing could start earlier. It was determined that the meeting would begin at 6 pm.

MONDAY, JULY 17, 2017 AT 6:00 P.M.

PUBLIC HEARING

• *Triple Crown Lane*

Rod Bray stated that the Public Hearing was advertised in the newspaper and notice was sent to all residents in the Triple Crown Lane area. Mr. Bray asked that Dick Robertson, SJCA, and Andrew Mouser, Umbaugh & Associates present information regarding engineering plans and financing before starting the public comments.

Mr. Robertson stated that this project started in 2015 they completed a survey and a preliminary design to bring the road to an acceptable standard. Mr. Robertson noted that many times the roads in private subdivisions are not built to county standards. There are buried utilities in the 50' easement. The road length for the project is 2,480' and there are several pipes in the road that should be replaced. The plans call for 8" of asphalt (4" of base, 2 - 1/2" of binder, and 1 - 1/2" of surface). A 1" stone shoulder will be installed to help hold the edge of the pavement and keep the water off the road. This will also minimize construction damage to yards. There will be some drainage work on the north end. The 10' - 12' road going to the north will stay as it is. The construction estimate is \$345,000. The estimate includes all construction materials, a 10% contingency, engineering cost, bid process and review, and construction inspection. It does not include financing.

Andrew Mouser, Umbaugh & Associates, handed out information regarding financing. They have discussed a loan with First Merchants Bank including financing costs and construction costs, the loan would be \$426,000. Since this is a private road and there would be private payments, the loan would be taxable and the interest rate for 10 years is estimated to be 4.67%. The loan would have two payments per year of \$27,000, one in July after the spring taxes are collected and one in January after the fall tax collections. The amount assessed per lot, based on 26 lots, is estimated to be \$2,070 annually. Ryan Goodwin asked if the road were to become part of the county highway system, would the project be eligible for a tax exempt interest rate. Rod Bray stated that it would not. Mr. Mouser stated that it might be possible to refinance the project at that point.

Mr. Bray opened the public hearing.

Jim Miles, Madison Township Advisory Board, spoke on behalf of two residents that were not able to attend. Robert and Ann Griffin sent a letter stating that they were in favor of using the Barrett Law to improve the road. Mr. Miles also read a letter from Jason and Cary Horsley stating that they were in favor of using the Barrett Law to improve the road.

Residents who spoke in favor of using the Barrett Law to improve the road were:

Kelly Alcalá (stating safety issues and asking that the county take over the road)

Marjorie Money

Sandra Lay (concerned about expense)

Jerry Hacker (in favor if the county takes over the road)

Barbara Elkins (in favor if the county takes over the road)

Robert Hill (representing Linda Godwin - in favor if the county takes over the road) Mr. Hill stated that if the Board would table the issue, his firm would put up \$26,000 to take care of the worst of the road

Gary Hughes (in favor if the county takes over the road)

Julia Pierce (in favor if the county takes over the road)

Dewey Collins (in favor if the county takes over the road)

Gordon Peel (in favor if county takes over the road)

Mark Phelps (in favor if county takes over the road)

Speaking against improving the road were:

Pam Albertson (expense)

Robert Jones (expense, not an improvement to lot)

Kevin Albertson

Angela Moore

Howard Hopkins (drainage concerns)

Ryan Goodwin stated that this project has been going on for a long time and no matter what the outcome, it was important that the neighborhood had the opportunity to come together in the same room and voice their opinion. Mr. Goodwin stated that it makes no sense to blackout the road without addressing the drainage problems; whether the county assists or the residents do it on their own, the drainage problems that are eroding the road need to be addressed. The Barrett Law is traditionally used on public projects, and the Board needs to make a decision to take in the road or not.

Norman Voyles asked Larry Smith if the drainage issues were addressed in the engineering proposal. Mr. Smith stated that there is a least one area where raising the roadway would cause water to pond on a property. Mr. Robertson stated that they would address those issues in the final design. The cost of this is included in the estimate. Mr. Smith advised proceeding with caution in accepting the road, which is on private property, into the county system unless each property owner grants enough property to the county to construct the roadway. Rob Bray stated that the land would need to be deeded to the county as part of the road and drainage.

Mr. Goodwin asked if the Board would be interested in taking the road into the county road system if the road were repaired to the specifications prepared by the engineer. Brian Goss stated that he would not be interested unless the drainage issues were solved; there could be even more costs once the County Surveyor inspects the drainage.

After several comments from the public regarding the length of time the project has taken, the county's responsibility, and the expense, Mr. Goodwin stated that the Board has put a lot of effort into putting a solution on the table; however, there are several residents that don't want to accept the solution. The Board must decide if they want to assess all the residents or not. The Board cannot take the road in as a county road, assume the liability for maintaining it, blackout it, and have it fall apart in a few years. The project would have to be completed at a high standard. Mr. Goodwin could understand the frustration, but the road is a private drive. There is some concern amongst the Board whether the plans are effective in addressing the drainage. Norman Voyles stated that he would be in favor of the county taking in the roadway if it was put in correctly and all the drainage issues were addressed; this could add even more cost to the proposal. Brian Goss stated that if the road were brought up to county standards, he would agree to accept the road into the county road system. Dick Robertson stated that there are drainage issues not related to the road. Ryan Goodwin stated that there are some stipulations to address before giving assurance that the county would take the road in and made a motion to table the issue until the August 7th meeting. The County Surveyor and SJCA will work together during that time to come to an agreement as to whether the drainage issues will be satisfactorily addressed. Motion seconded by Brian Goss. Motion carried 3-0. Norman Voyles thanked the residents for their comments.

MONDAY, AUGUST 7, 2017 AT 9:30 A.M.

TRIPLE CROWN LANE

Dick Robertson, SJCA, stated that he met on site with Mr. Smith (Morgan County Highway Engineer) and Terry Brock, Morgan County Surveyor. They discussed the plans SJCA proposed and there are two areas of concern. There are two pipes on the east end that need to be checked and there is a bigger issue on the entrance end. The rest of the drainage plan is fine. Terry Brock stated that the height of the dam at the entrance is causing water to stand over the top of the pipes under the road. These pipes should not be underwater because they could rust and fail, blocking access to the subdivision. Mr. Brock believes these are two 24" pipes, but it is hard to tell since they are underwater. The dam height is causing water to back-up all the way under Paddock Road. There is a 60" pipe at Paddock Road, but only 48" total under Triple Crown Lane. This pipe should be 60" or larger. The lake is on private property and the dam must be lowered before any work can begin. There is an emergency overflow and the water is flowing out of this because the water is too high. There are houses below the dam. Water and sediment is sitting in the 60" pipe under Paddock Road. This is not a regulated drain but a natural surface watercourse. To resolve the issue, the property owner can make the necessary repairs or a petition for the removal of an obstruction could be filed with the Drainage Board. The Drainage Board would have authority to fix it and charge the owner. There is a dip towards the east where water stands and this needs to be raised and there is a pipe that goes north under power lines and they need to make sure there is flow through this pipe. There are two other pipes that might not be sized correctly. The utilities are too close to the road to add side ditches. Mr. Brock stated that the issue with the pond must be corrected or it will not do any good to make repairs to the road. Mr. Bray clarified that the water in the lake must be lowered and kept low, not just for the construction project. Mr. Brock will contact the property owner to discuss the issue.

RESOLUTION NO. 2016-9-19 A
A PRELIMINARY RESOLUTION TO UTILIZE BARRETT LAW
FUNDING FOR THE CONSTRUCTION OF A ROADWAY AND
DRAINAGE IN TRIPLE CROWN ACRES

WHEREAS, the Board of Commissioners of Morgan County, Indiana, (“Commissioners”) is the “works board” for Morgan County, Indiana, pursuant to I.C. 36-1-2-24;

WHEREAS, pursuant to I.C. 36-9-36 the Commissioners may make improvements under the Indiana Barrett Law, including the construction of streets and storm drainage;

WHEREAS, it is the desire of the Commissioners and in the interests of Morgan County to encourage the passable streets and adequate storm drainage within the neighborhoods of Morgan County for the use and enjoyment of the property owners and public and the protection of property values; and,

WHEREAS, the Triple Crown Acres neighborhood is a residential subdivision located in Madison Township, Morgan County, Indiana;

WHEREAS, the use of Barrett Law funding for the construction and placement of streets and storm drainage in the Triple Crown Acres neighborhood is a fair and efficient means to pay of the costs of these infrastructure improvements; and,

WHEREAS, in conjunction with this Resolution, the general plans and specifications for the construction and installation of the streets and storm drains in the Triple Crown Subdivision have been filed with the Board of Commissioners and are attached hereto as Exhibit “A”


NOW THEREFORE BE IT RESOLVED by the Board of Commissioners of Morgan County, Indiana, as follows:

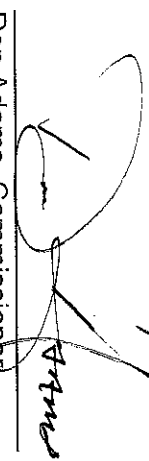
1. The Commissioners desire to design and construct streets and storm drainage along Triple Crown Lane and the roads within the Triple Crown Subdivision that are adequate for the traffic and conditions existing within the Triple Crown Acres Subdivision by assessing the costs for the construction and installation of the streets and storm drains against those properties which are benefited by the improvements utilizing Indiana's Barrett Law under I.C. 36-9-36.
2. The plans and specifications for the design and construction of the streets and storm drainage (a copy of which is attached hereto as Exhibit "A") are also approved and adopted by the Commissioners.
3. The estimated cost for the design and construction of the streets and storm drainage is the sum of \$305,000.00, which cost is also approved and adopted by the Commissioners. This estimate includes approximately \$11,000.00 in incidental, inspection, engineering and design work performed by private engineering services and not the Morgan County Engineer or the Morgan County Engineering office.
4. Following the initial approval of this Preliminary Resolution by the Commissioners a public hearing on the adoption of this Preliminary Resolution shall be conducted pursuant to I.C. 36-9-36-8 and notice of the public hearing shall be published in accordance with I.C. 5-3-1 and notice shall be mailed to each property owner affected by the proposed improvement.
5. At least ten (10) days prior to the hearing on the adoption of the Preliminary Resolution, the county engineer shall file with the Board of Commissioners his estimate of the maximum cost of the road improvements and storm drainage.

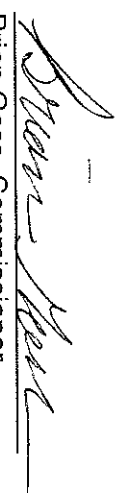
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ALL OF WHICH IS RESOLVED THIS 19th day of September, 2016.


**BOARD OF COMMISSIONERS
OF MORGAN COUNTY**


Norman Voyles, Commissioner


Don Adams, Commissioner


Brian Goss, Commissioner

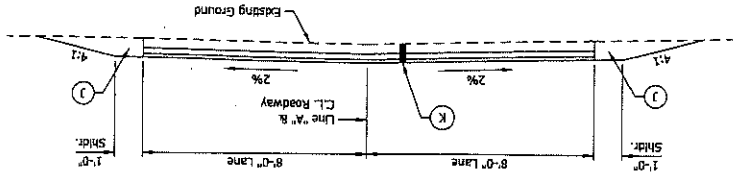
ATTEST:


Dan Bastin, Auditor

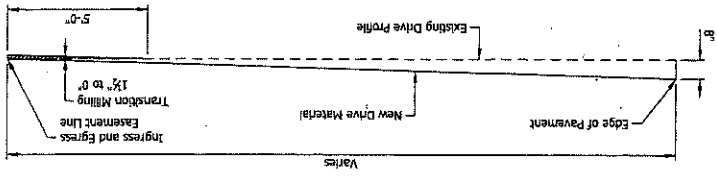
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DATE	DESIGN ENGINEER
RECOMMENDED FOR APPROVAL	

From Sta. 10+08.61 "A" to 29+50.00 "A"

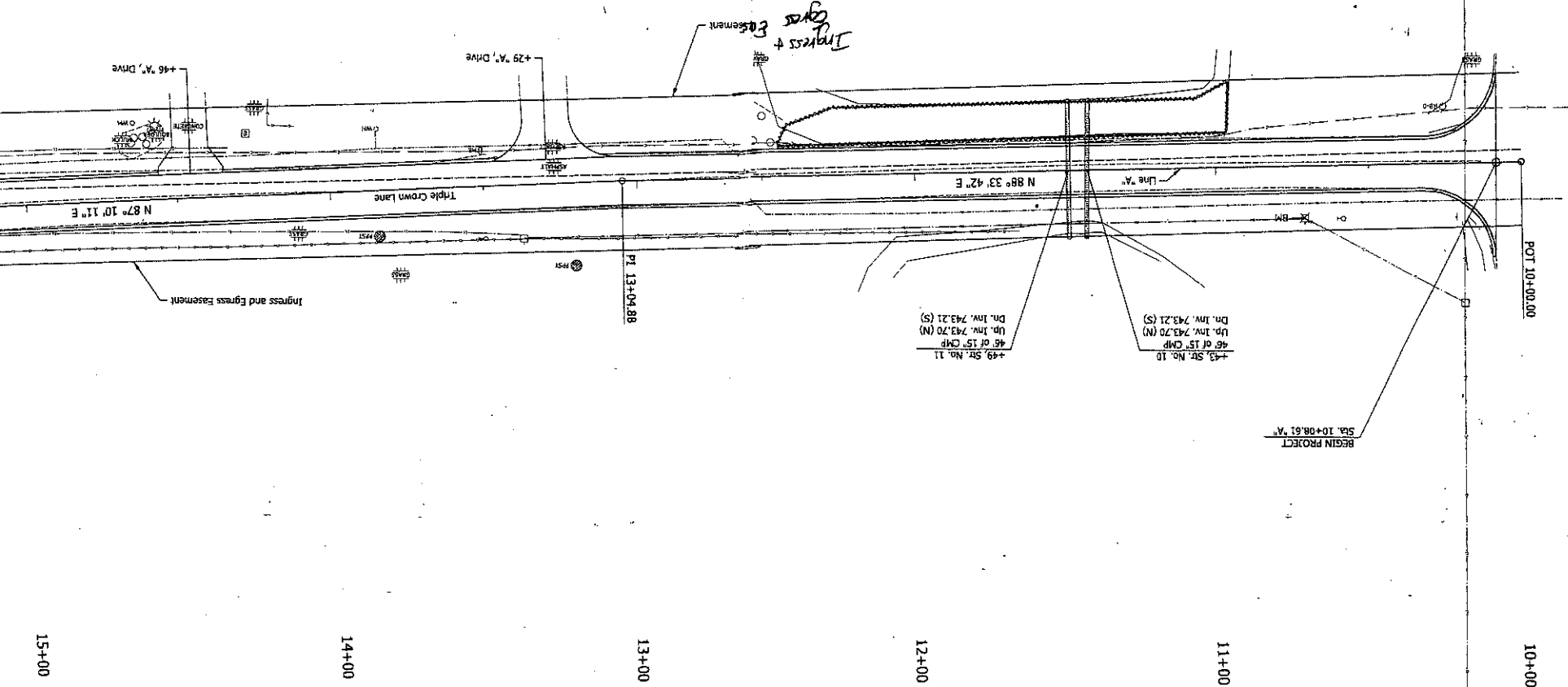
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DRIVE WEDGE DETAIL
Not to Scale



Notes: Any Areas Cut and Replaced



15+00

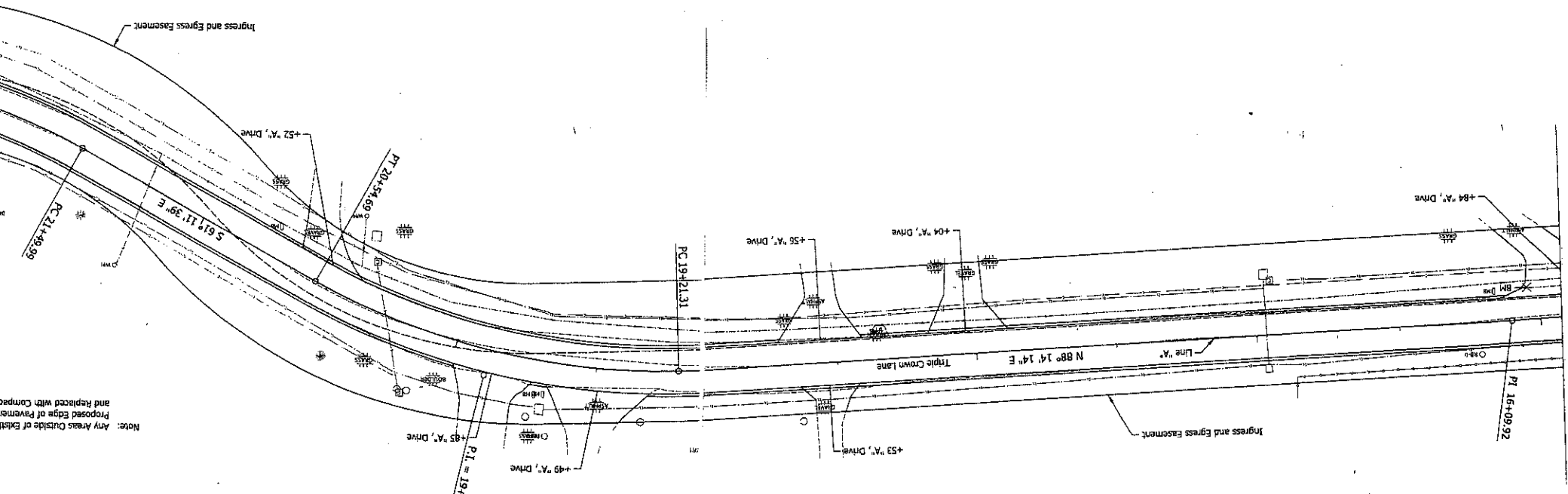
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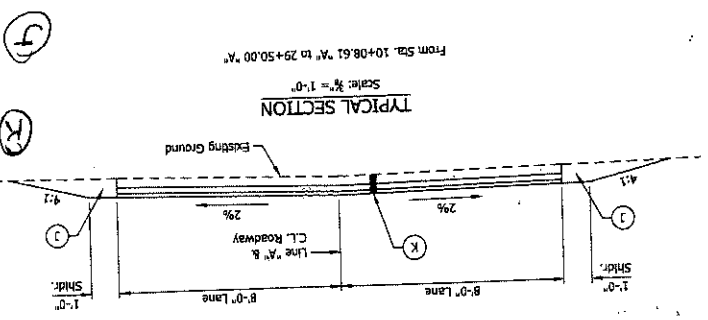
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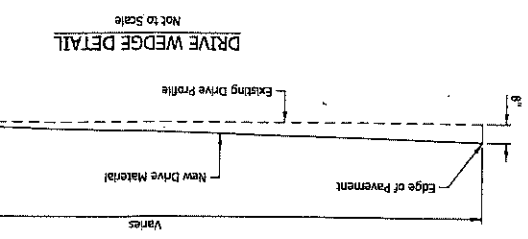


CURVE DATA
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 $T = 68.32'$
 $L = 133.38'$
 $E = 9.17'$

Note: Any Areas Outside of Existing Proposed Edge of Pavement and Replaced with Compacted



LEGEND
 (K) NOS # 9/8 - HMA, Surface, Type A on HMA, Intermediate, Type A on HMA, Base, Type A
 (J) 811 (C&M) Packaged Aggregate, No. 53
 440 # 5/8
 875 # 5/8



DESIGNED: PFC	CHECKED: MSL
DRAWN: PFC	CHECKED: MSL
DATE	DESIGN ENGINEER
FOR APPROVAL	RECOMMENDED

INDIANA
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

23+00

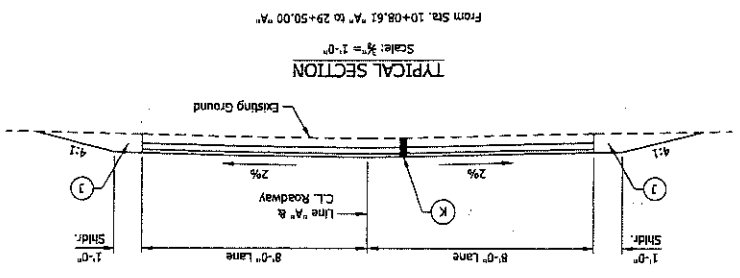
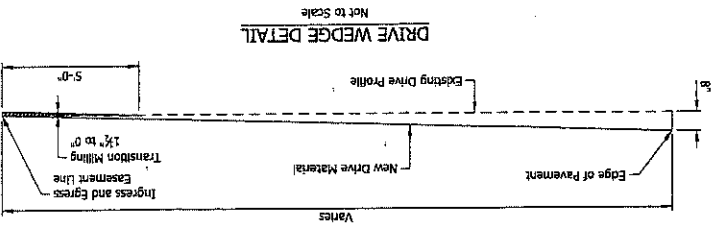
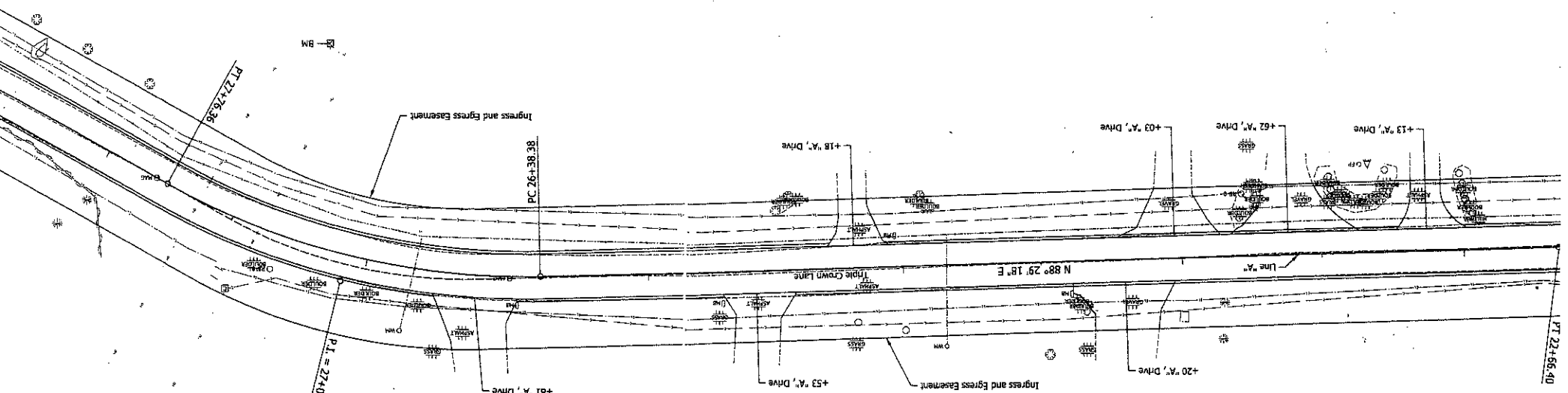
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CURVE DATA
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 $T = 70.66'$
 $L = 137.98'$
 $E = 9.43'$



DESIGNED: PFC	CHECKED: MS
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RECOMMENDED FOR APPROVAL	

INDIANA
 DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

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Note: Any Areas Outside of Edge of Pavement and Replaced with Comp.

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RECOMMENDED FOR APPROVAL:	DATE:	DESIGN ENGINEER:

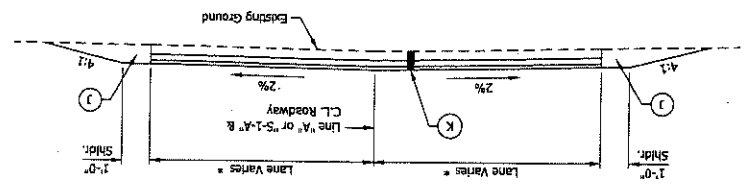
INDIANA
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

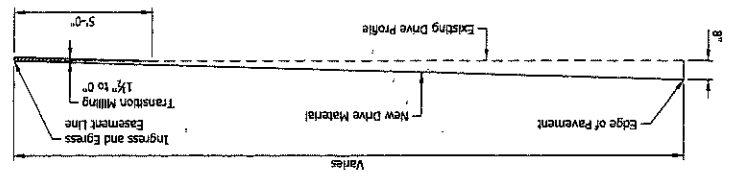
1
2
4
8

From Sta. 1+00.00 "S-1-A" to Sta. 30+90.71 "A"
From Sta. 29+50.00 "A" to Sta. 30+00.00 "S-1-A"

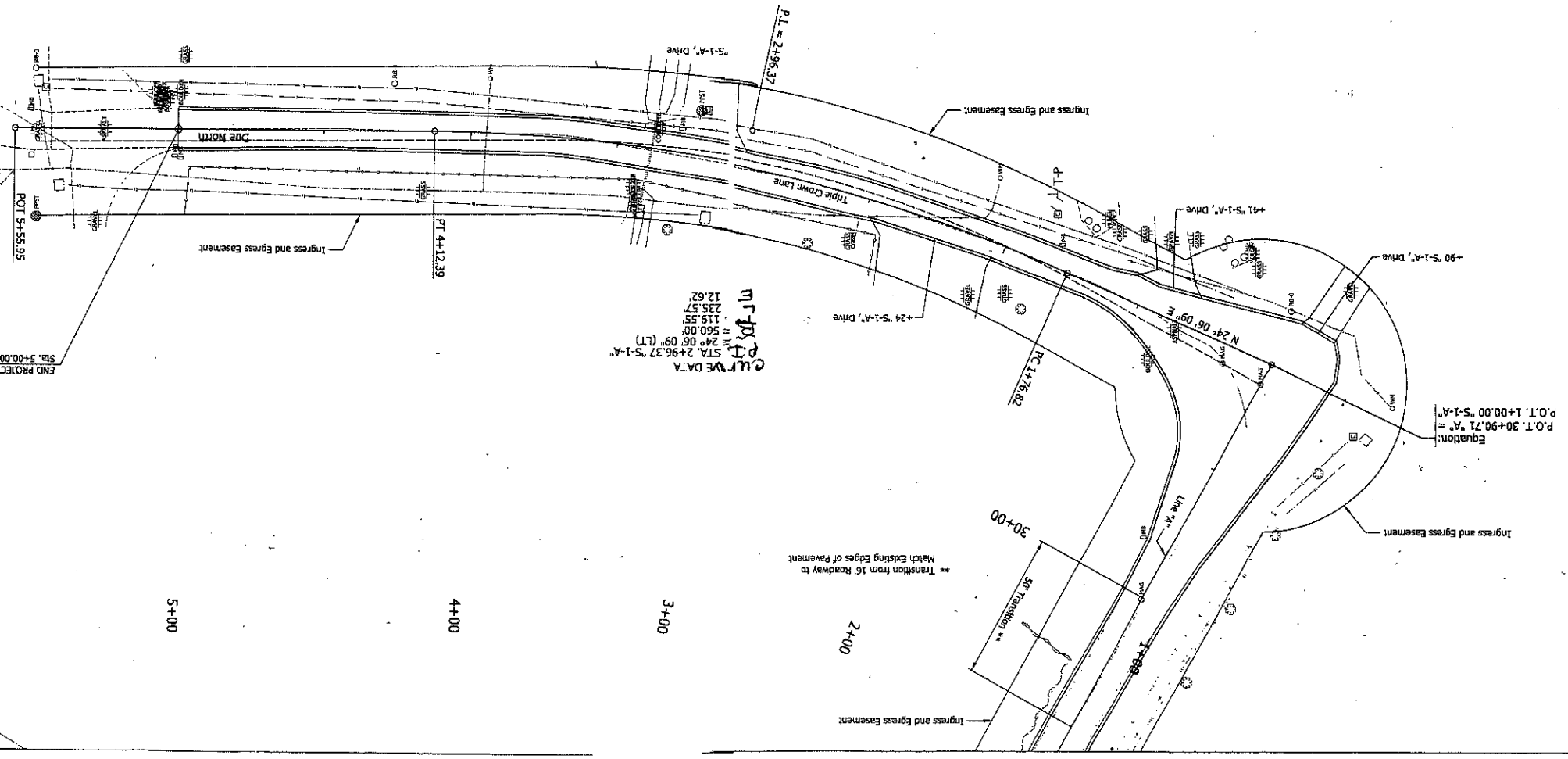
TYPICAL SECTION
Scale: 1/4" = 1'-0"



DRIVE WEDGE DETAIL
Not to Scale



Note: Any Areas Outside of Existing Proposed Edge of Pavement and Replaced with Compacts



Equation:
P.O.T. 30+90.71 "A" =
P.O.T. 1+00.00 "S-1-A"

** Transition from 16' Roadway to 50' Transition **

5+00
4+00
3+00
2+00

PART 3

CONTRACT ITEMS AND UNIT PRICES

[This Part is to be used only for Bidding on Unit Price Contracts for the Contract Items Shown]

Triple Crown Lane Improvements
Morgan County, Indiana

Contract Item No.	Description (in words)	Unit	Estimated Quantity	Unit Price	Total Price for Item
1	CONSTRUCTION ENGINEERING	LS	1	\$ 3,150.00	\$ 3,150.00
2	MOBILIZATION AND DEMOBILIZATION	LS	1	\$ 12,500.00	\$ 12,500.00
3	CLEARING RIGHT OF WAY	LS	1	\$ 5,000.00	\$ 5,000.00
4	COMMON EXCAVATION (UNDISTRIBUTED)	CYS	50	\$ 100.00	\$ 5,000.00
5	LINEAR GRADING	LFT	4950	\$ 2.75	\$ 13,612.50
6	TEMPORARY SILT FENCE	LFT	4950	\$ 2.25	\$ 11,137.50
7	COMPACTED AGGREGATE NO. 53	TON	620	\$ 38.25	\$ 23,715.00
8	COMP. AGG. BASE, NO. 53 (UNDISTRIBUTED)	TON	20	\$ 65.00	\$ 1,300.00
9	HMA SURFACE, TYPE A	TON	366	\$ 71.50	\$ 26,169.00
10	HMA INTERMEDIATE, TYPE A	TON	610	\$ 69.00	\$ 42,090.00
11	HMA BASE, TYPE A	TON	976	\$ 65.00	\$ 63,440.00
12	HMA FOR APPROACHES, TYPE A	TON	90	\$ 135.00	\$ 12,150.00
13	ASPHALT FOR TACK COAT	TON	2.3	\$ 750.00	\$ 1,725.00
14	PIPE, CMP, 15 INCH	LFT	92	\$ 62.00	\$ 5,704.00
15	STRUCTURE BACKFILL, TYPE 1	CYS	13.2	\$ 62.50	\$ 825.00
16	MOB./DEMOB. FOR SEEDING	EACH	1	\$ 650.00	\$ 650.00
17	MULCHED SEEDING, R	SYS	2750	\$ 1.75	\$ 4,812.50
18	RIPRAP, REVTMENT	TON	20	\$ 150.00	\$ 3,000.00
19	MAINTAINING TRAFFIC	LS	1	\$ 10,000.00	\$ 10,000.00

Total	\$ 245,980.50
10% Contingency	\$ 24,598.00
CONSTRUCTION TOTAL	\$ 270,578.50

Original Contract Amount (Survey & Prelim. Dgn.)	\$	11,000.00
Additional Engineering Cost	\$	12,300.00
Bid Process, Bid Review & Recommendation	\$	5,000.00
Construction Inspection	\$	12,600.00
	\$	311,478.50
USE	\$	312,000.00

PART 3

CONTRACT ITEMS AND UNIT PRICES

[This Part is to be used only for Bidding on Unit Price Contracts for the Contract Items Shown]

RESOLUTION NO. _____

**A MODIFIED PRELIMINARY RESOLUTION TO UTILIZE BARRETT LAW
FUNDING FOR THE CONSTRUCTION OF A ROADWAY AND
DRAINAGE IN TRIPLE CROWN ACRES**

WHEREAS, the Board of Commissioners of Morgan County, Indiana, ("Commissioners") is the "works board" for Morgan County, Indiana, pursuant to I.C. 36-1-2-24;

WHEREAS, pursuant to I.C. 36-9-36 the Commissioners may make improvements under the Indiana Barrett Law, including the construction of streets and storm drainage;

WHEREAS, it is the desire of the Commissioners and in the interests of Morgan County to encourage passable streets and adequate storm drainage within the neighborhoods of Morgan County for the use and enjoyment of the property owners and public and the protection of property values; and,

WHEREAS, the Triple Crown Acres neighborhood is a residential neighborhood located in Madison Township, Morgan County, Indiana;

WHEREAS, the use of Barrett Law funding for the construction and placement of streets and storm drainage in the Triple Crown Acres neighborhood is a fair and efficient means to pay the costs of these infrastructure improvements; and,

WHEREAS, in conjunction with this Resolution, the general plans and specifications for the construction and installation of the streets and storm drains in the Triple Crown Subdivision have been filed with the Board of Commissioners and are attached hereto as Exhibit "A".

WHEREAS, the Board of Commissioners originally approved a Preliminary Resolution for this project on or about September 19, 2016. Since that time, new information has been received regarding estimates, costs and proposed terms of

financing. In addition, the Commissioners have heard from residents of the Triple Crown neighborhood.

WHEREAS, following the initial approval of this Preliminary Resolution by the Commissioners a public hearing on the adoption of this Preliminary Resolution has been conducted pursuant to I.C. 36-9-36-8 and notice of the public hearing was published in accordance with I.C. 5-3-1 and notice was mailed to each property owner affected by the proposed improvement.

WHEREAS, at least ten (10) days prior to the hearing on the adoption of the Preliminary Resolution, the county engineer filed with the Board of Commissioners his estimate of the maximum cost of the street and drainage improvements.

NOW THEREFORE BE IT RESOLVED by the Board of Commissioners of Morgan County, Indiana, as follows:

1. The Commissioners' original preliminary resolution shall be modified as set forth herein.
2. The Commissioners agree to design and construct streets and storm drainage along Triple Crown Lane and the roads within the Triple Crown Subdivision that are adequate for the traffic and conditions existing within the Triple Crown Acres Subdivision by assessing the costs for the construction and installation of the streets and storm drains against those properties which are benefited by the improvements utilizing Indiana's Barrett Law under I.C. 36-9-36 consistent with the cost of the project as set out below.
3. The plans and specifications for the design and construction of the streets and storm drainage (a copy of which is attached hereto as Exhibit "A") are also approved and adopted by the Commissioners.

4. The estimated cost for the design and construction of the streets and storm drainage is the sum of \$345,000.00, which cost is also approved and adopted by the Commissioners. This estimate includes approximately \$45,000.00 in incidental, inspection, engineering and design work performed by private engineering services and not the Morgan County Engineer or the Morgan County Engineering office. There will also be additional financing costs which are not set out in the engineer's estimate.
5. Due to the cost of this proposed project, the Board of Commissioners approves the issuance of bonds directly to the contractor, when chosen.
6. The Board of Commissioners may opt to sell any bonds by negotiated private sale to a financial institution and remit the proceeds of the sale to the contractor when chosen. Any bonds issued in anticipation of the collection of the assessments may be issued so as to mature not less than ten (10) years from the date of issuance.

ALL OF WHICH IS RESOLVED THIS ___ day of July, 2017.

**BOARD OF COMMISSIONERS
OF MORGAN COUNTY**

Norman Voyles, Commissioner

Ryan Goodwin, Commissioner

Brian Goss, Commissioner

ATTEST:

Dan Bastin, Auditor