

AGENDA ITEM # 19November 25, 1997

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Discuss and take appropriate action on Wylie Post Road in Breakaway Park.

No action was taken on this agenda item.

AGENDA ITEM # 20November 25, 1997

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Discuss and take appropriate action on flooding at County Roads 346 and 347.

First Assistant County Attorney Dale Rye advised the two major sections of the law dealing with this situation are:

A land owner may not alter their land in such a fashion as to alter the natural state.

Texas Transportation Code essentially states when we build a road we are supposed to provide inches that will take the run off the road itself and conduct that to a natural water course.

Engineer Don H. Bizzell addressed the court with his experience and work in this area for the past several years. He gave his drainage analysis and recommendations for correction of the problem.

1. Install a small culvert on County Road 346 at the location of the recently constructed waterway on the south side of the county road along with a ditch block on the north side of the road.
2. There may be a need to upsize the culverts at the intersection. A further analysis would determine the actual size.
3. Clean and maintain the ditch along the west side of County Road 347 between the intersection and the main drainage channel.
4. Under **NO** circumstances shall the flows be allowed to cross County Road 347 near the intersection. This would be an unnatural diversion into another drainage basin.

A representative of Martinez and Wright Engineers agreed with Mr. Bizzell's recommendations.

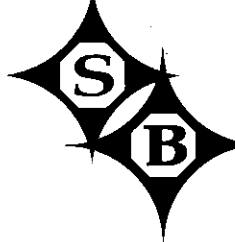
Moved: Judge Doerfler

Seconded: Commissioner Boatright

Motion: To authorize Williamson County Road and Bridge Department to accomplish the necessary work by the end of 1997, weather permitting.

Vote: Motion carried 5 - 0

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**Steger & Bizzell Engineering, Inc.**

Consulting Engineers

Surveyors

1978 South Austin Avenue
Georgetown, Texas 78626Telephone: (512) 930-9412
Facsimile: (512) 930-9416

November 24, 1997

Honorable John Doerfler and the
Williamson County Commissioners' Court
2nd Floor, Williamson County Courthouse
Georgetown, TX 78626

RE: Drainage Analysis
C.R. 346 and C.R. 347

Gentlemen:

It is my understanding that I have been retained to analyze the drainage in the area of the intersection of C.R. 346 and C.R. 347. Several years ago, I was hired by then Commissioner Raymond Rister to do some work in this area. As a result of that work he installed 4-60" CGMP on C.R. 347 about 1,600 feet south of the intersection. Attached you find copies of USGS Quadrangle Map on which I have outlined the original drainage areas and also a copy of the ownership map of that area.

Over the past several decades the original drainage patterns have been altered somewhat by the construction of the county roads and the railroad. The original main drainage path crosses under the railroad about 1,200 feet south of C.R. 346 and flows in a generally easterly direction across the Cervenka and Gabriel Farms properties. After crossing C.R. 347 at the location of the 4-60" culverts that I mentioned earlier, it enters the Pekar Farm. This main drainage path is the collector for several smaller sub-basins.

C.R. 346 acts as a dike whereby all of the drainage in areas (4) and (5) are directed toward the intersection of the county roads. A terrace has been constructed on the north side of C.R. 346 to accomplish this. At the intersection, 3-42" culverts are in place and direct this flow toward the south along the west side of C.R. 347 to the original main drainage. It appears that these culverts may not be adequate to handle the flow and some water may be overtopping the county roads at the intersection.

On a site visit earlier this week, I noticed that there is some terracing work on the south side of C.R. 346 between the railroad and the intersection. It appears that an attempt is being made to carry the flows in a new channel toward the original main drainage which is a step in the right

November 24, 1997
Honorable John Doerfler and the
Williamson County Commissioners' Court
Drainage Analysis at C.R. 346 and C.R. 347
Page Two

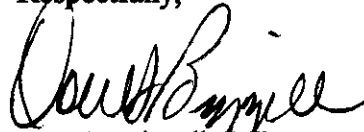
direction. If this work is completed, it should relieve some of the pressure at the intersection. I also noticed that a large drainageway has been constructed on the Pekar Farm which should also be of benefit.

In an attempt to return to the original drainage patterns in the area, I would make the following recommendations:

1. Install a small culvert on C.R. 346 at the location of the recently constructed waterway on the south side of the county road along with a ditch block on the north side of the road. This would allow drainage area (4) to flow in its original path.
2. There may be a need to upsize the culverts at the intersection. A further analysis would determine the actual size.
3. Clean and maintain the ditch along the west side of C.R. 347 between the intersection and the main drainage channel.
4. Under NO circumstances should the flows be allowed to cross C.R. 347 near the intersection. This would be an unnatural diversion into another drainage basin.

If you should have any questions, please give me a call.

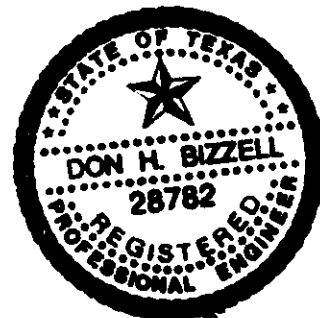
Respectfully,

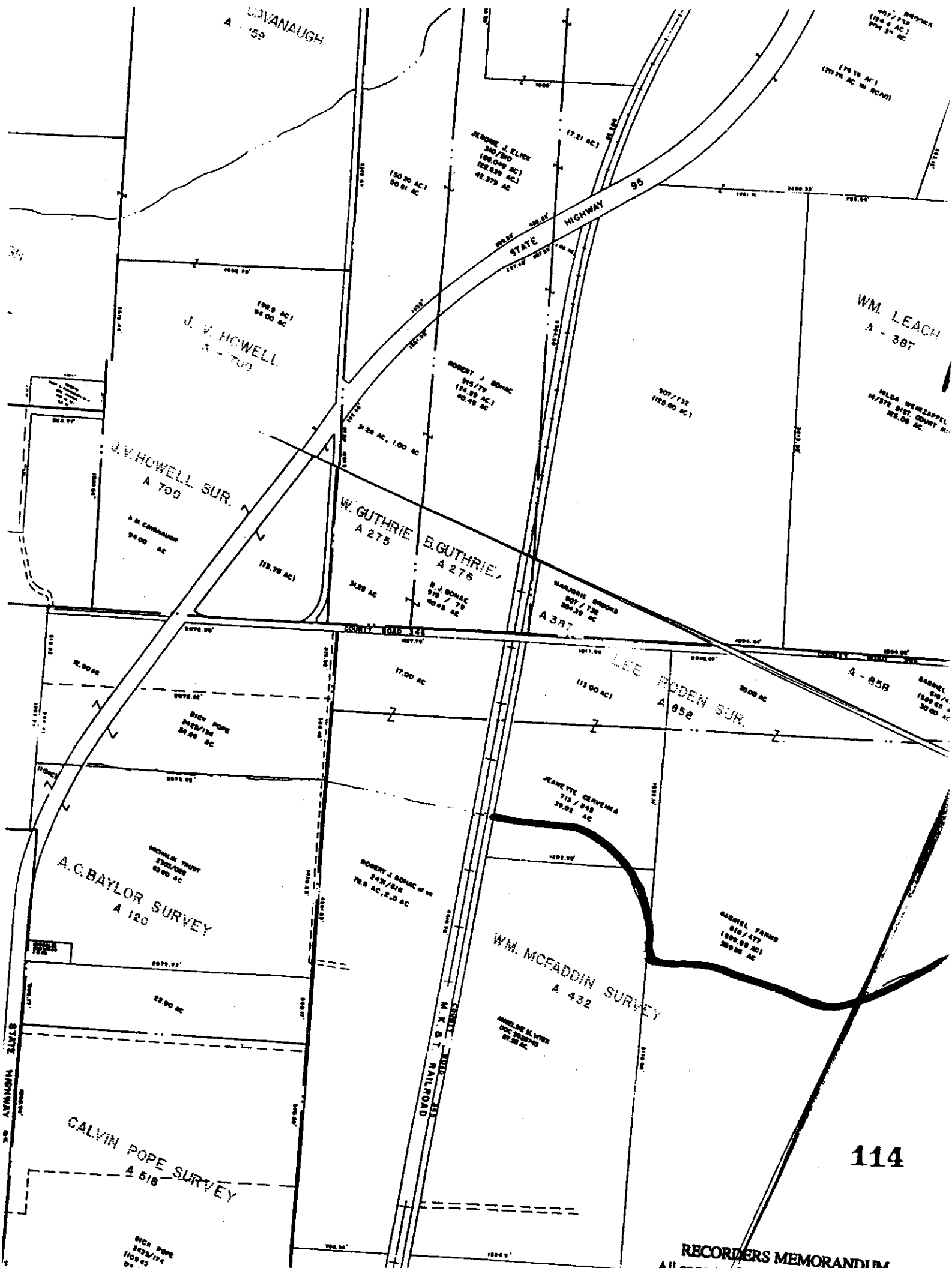

Don H. Bizzell, P.E.

113

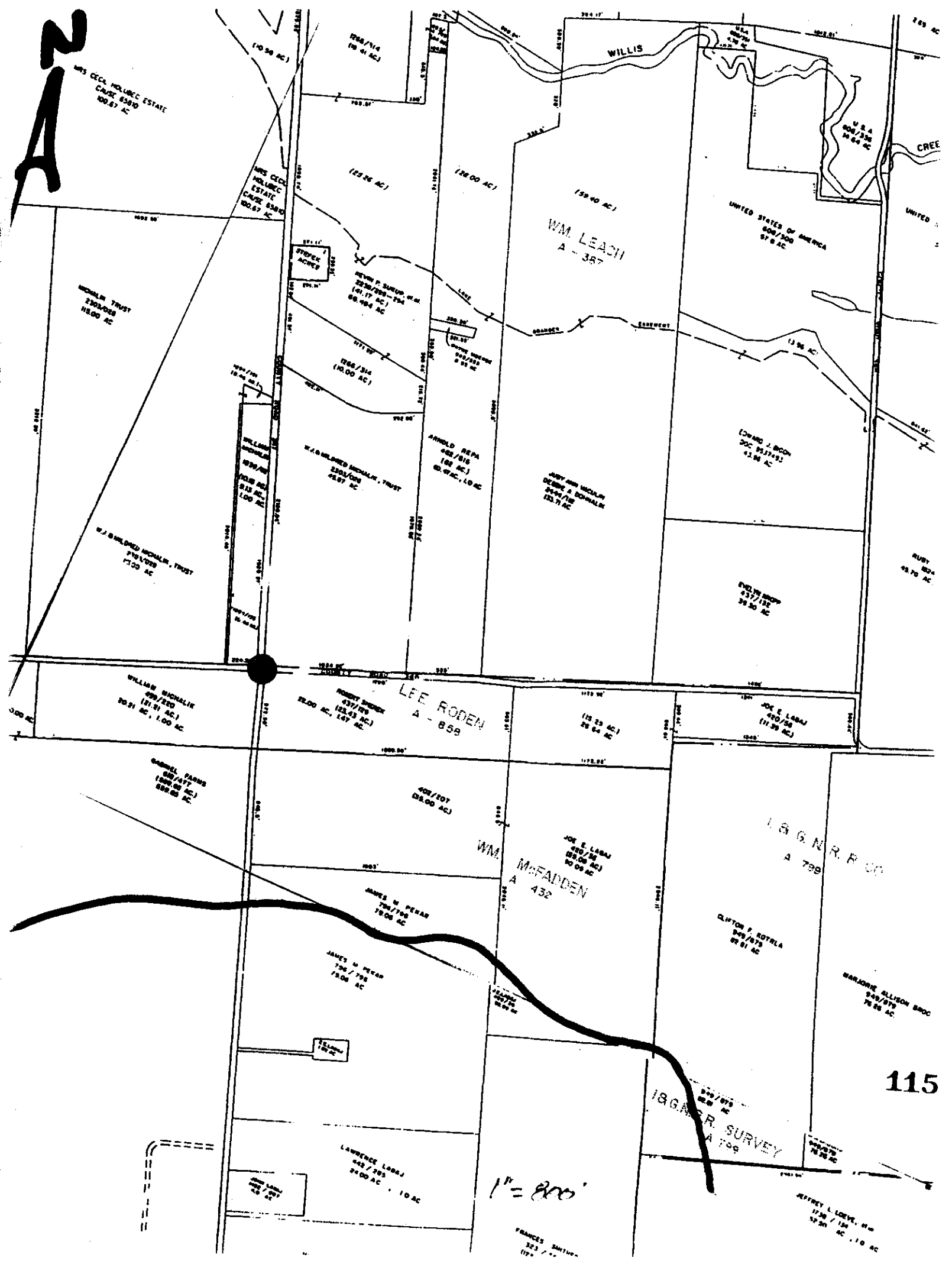
cc: Joe England, P.E.

DHB/pkc
328dhb01

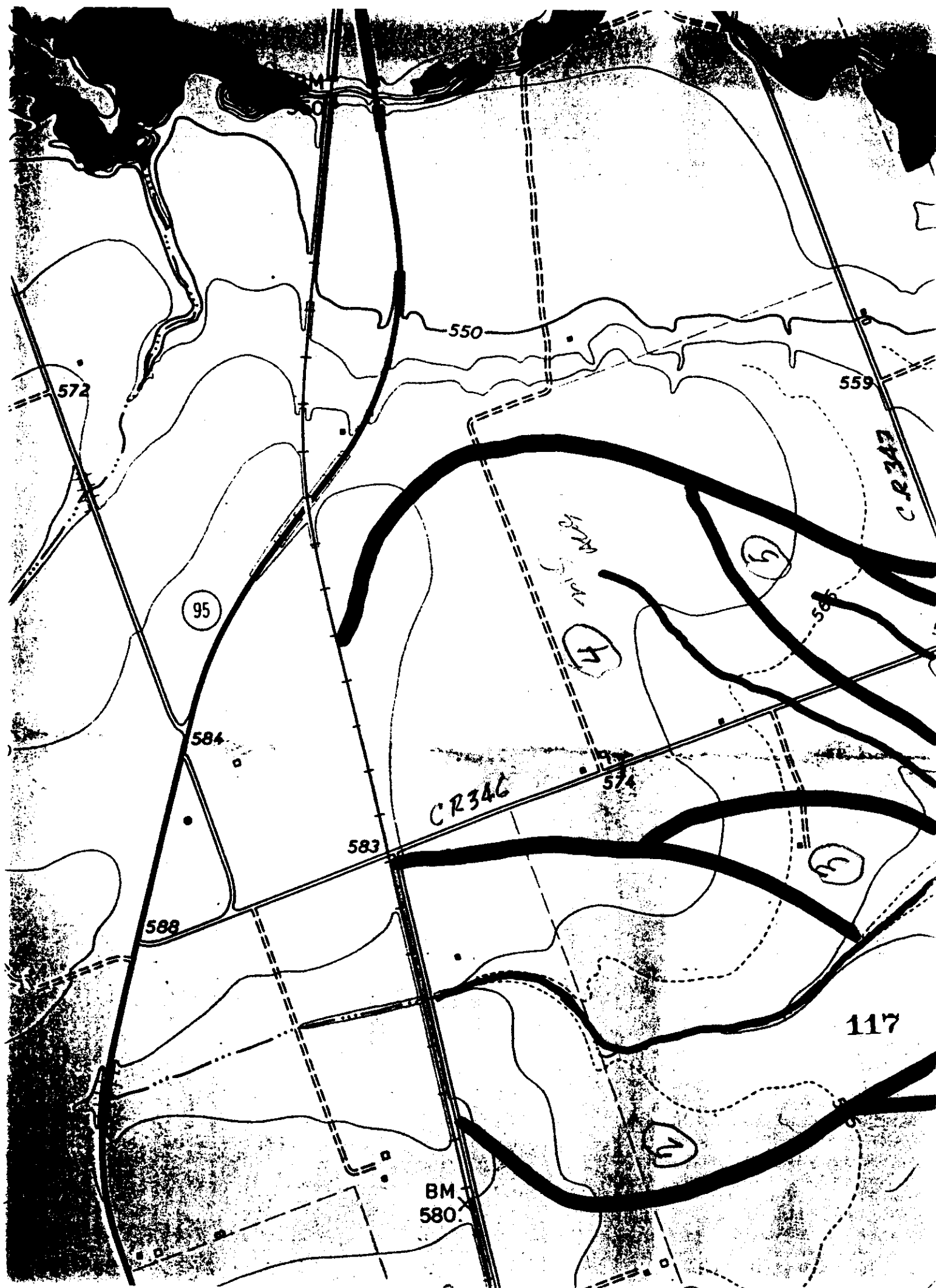




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RECORDERS MEMORANDUM
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COMMISSIONERS COURT RECESSED AT 10:35 A.M. ON TUESDAY, NOVEMBER 25, 1997

COMMISSIONERS COURT RECONVENED AT 10:45 A.M. ON TUESDAY, NOVEMBER 25, 1997

AGENDA ITEM # 21

November 25, 1997

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Consider appointing Showbarn Advisory Committee.

Discussion of Judge Doerfler appointing the committee with the President and one additional member of the Williamson County Livestock Association plus 2 additional members-at-large with the Showbarn Manager to act as ex-officio committee member.

Commissioner Heiligenstein suggested Logan Bartz, James Robinson and Jim Hislop for membership consideration.

No action was taken on this item which will be added to the next agenda.

AGENDA ITEM # 22

November 25, 1997

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Consider approving Wayne Benedict to buy back 2 years of military time towards the County Retirement System.

Moved: Commissioner Boatright

Seconded: Judge Doerfler

Motion: To approve Wayne Benedict buying back 2 years of military time towards the County Retirement System.

Vote: Motion carried 5 - 0

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