MINUTES OF REGULAR MEETING OF THE CITY COUNCIL OF THE CITY OF LUFKIN, TEXAS, HELD ON THE 7TH DAY OF DECEMBER, 1999 AT 5:00 P. M.

On the 7th day of December, 1999 the City Council of the City of Lufkin, Texas, convened in a regular meeting in the Council Chambers of City Hall with the following members thereof, to wit:

Louis Bronaugh	Mayor
Bob Bowman	Mayor pro tem
R. L. Kuykendall	Councilmember, Ward No. 1
Don Boyd	Councilmember, Ward No. 2
Lynn Torres	Councilmember, Ward No. 3
Jack Gorden, Jr.	Councilmember, Ward No. 5
Dennis Robertson	Councilmember, Ward No. 6
C. G. Maclin	City Manager
James Hager	Asst. City Manager/Finance
Atha Stokes Martin	City Secretary
Bob Flournoy	City Attorney
Keith Wright	City Engineer
Kenneth Williams	Director of Public Work
Stephen Abraham	Director of Planning

being present when the following business was transacted.

1. Meeting was opened with prayer by Rev. Keith Whitaker, Pastor, First United Methodist Church.

2. Mayor Bronaugh welcomed visitors present.

Mayor Bronaugh read a proclamation in memory of Elwyn Gipson, local businessman, who served on the City Council from 1953 to 1954.

3. APPROVAL OF MINUTES

Minutes of the regular meeting of November 16, 1999 were approved on a motion by Councilmember Don Boyd and seconded by Councilmember Bob Bowman. A unanimous affirmative vote was recorded.

4. VIDEO PRESENTATION - SABR AND HOME PROGRAMS - INSPECTION SERVICES

Mayor Bronaugh stated that the first item for consideration was a video presentation for the update of the HOME and SABR Programs by the Inspection Services Department.

City Manager Maclin stated that Annie Fields will present a report that includes some audio video and a power point presentation. Mr. Maclin stated that Mrs. Fields had prepared a personal copy of the video for Councilmembers recognizing that there would not be enough time to present the video in its entirety.

Annie Fields, Asst. Director of Inspection Services, stated that the City of Lufkin was one of three cities selected to pilot the SABR Program. Mrs. Fields stated that the program was designed to make homes more accessible for physically challenged citizens, and that in cases where rehabilitation was not financially feasible, reconstruction was the only alternative. Mrs. Fields stated that due to budget parameters and the condition of the homes, initially it appeared that three of the twelve applicants would not be able to receive assistance through the Program.

Mrs. Fields stated that under the direction of the Citizen Advisory Committee

(Rufus Duncan, Jr., Johnnie Jones, Gig Langston, Royce Parker, Avery Rhodes and Earl Thomas), staff contacted Habitat for Humanity and the Texas Department of Criminal Justice to obtain information about an educational program TDCJ was implementing. Mrs. Fields stated that the program consists of a simple partnership between TDCJ and a non-profit organization. The non-profit organization would purchase the housing materials and TDCJ would provide the labor to construct the house at the prison site. The completed house would be moved to the cleared site of the applicant's former home replacing the dilapidated structure.

Mrs. Fields stated that there are several key people who have gone above and beyond the effort of doing their job. They have given personal and professional time, effort and energy to see that these citizens have a better place to live. Mrs. Fields stated that she would like to extend her appreciation and thanks to Debbie Butler of Raymond Vann & Associates, Linvell Price and Bobby Hutson of TDCJ.

Mrs. Fields stated that this program is a win-win partnership because the homeowner receives a decent, safe and sanitary house with accessibility improvements included to meet their health needs. Mrs. Fields stated that the communities where these homes are located receive a much needed "face lift" and it stimulates other neighbors to spruce up their homes. Mrs. Fields stated that the inmates of TDCJ receive an opportunity to learn building skills that can be marketed when they return to free society and they enjoy the feeling of "giving something back" to someone who really needs help. Mrs. Fields stated that the grant funds allocated by TDHCA are expended in an economical manner that complies with the program's purpose. And, finally, the City of Lufkin proves to its citizens that they really do care about them.

Mrs. Fields stated that each applicant must meet eligibility requires of disability/handicap/special needs, income, own and occupy the property as their principal residence, show proof of responsible ownership, and be a U. S. citizen. Mrs. Fields stated that applicants must have occupied the dwelling for which assistance is needed for 12 months prior to requesting HOME program assistance.

Mrs. Fields stated the nine re-hab participants of the Program are: Johnnie Stewart, Mrs. Jessie Scranton, James Edens, Mrs. Mary Caldwell, Johnny Bogan, Chris Ware, Charles Modisette, Williams Sheffield, and Mrs. Exie Moore. The three reconstruct participants are: Mrs. Odell Session, Mrs. Ada Maxie and Mrs. Irma Little.

Mrs. Fields stated that the SABR Program officially began Septembe 1, 1997 and will conclude August 31, 2000. The project amount awarded from TDHCA was $250,000, and $10,000 for administrative expenses incurred directly related to the project. Mrs. Fields stated that the City of Lufkin expended $25,000 for the consultant services of Raymond K. Vann & Associates, resulting in a total budget of $285,000.

Mrs. Fields stated that the nine rehab homes and two new constructions have been completed. The final dedication should be in March of 2000. Total funds expended to this date are $202,924.31 for project funds and $15,400 for administrative funds for a total of $218,324.31.

Mrs. Fields stated that as the SABR Program is winding down they are gearing up for the 1998 HOME Program Grant. Mrs. Fields stated that the contract period is August 31, 1998 to May 31, 2000 and the amount awarded by TDHCA is $208,000. Mrs. Fields stated that the selected contractor is Jimmy Dixon and the slected grant administrator is Gary Traylor & Associates.

Mrs. Fields stated that the five participants in the 1998 HOME Program are: Mrs. Rosie Bell Ward, Mrs. Lula S. Johnson, Mrs. Margaret Kimble, Mrs. Lola Bell Polk and Mrs. Bernice Caldwell.

Mrs. Fields thanked the City Council, City Manager and City of Lufkin staff for their help and support in making this program successful.

5. **PRESENTATION BY PINEYWOODS HOME TEAM**

Mayor Bronaugh stated that the next item for consideration was a presentation by Doug Dowler of the Pineywoods Home Team.

City Manager Maclin stated that Doug Dowler is the Director of the Pineywoods Home Team and recently he received an award from the Texas Department of Housing and Community Affairs.

Mr. Dowler introduced the past Board President Mr. Floyd Yancey. Mr. Dowler stated that as Mr. Maclin mentioned he was notified a few weeks back by the Texas Department of Housing and Community Affairs that the Pineywoods Home Team had been nominated from over 13,000 organizations throughout the State of Texas to receive an award based on a project he had been developing since November of last year. Mr. Dowler stated that this particular project is probably very close to what Council has just seen in the SABR Program, but is somewhat different. Mr. Dowler stated that the SABR Program reconstructs homes, and the Program he is involved in is the Texas Department of Housing and Community Affairs Rental Development Program. Mr. Dowler stated that he received the award for their housing program in the cities of Lufkin and Nacogdoches. Mr. Dowler stated that they will be developing 20 single family residential units built on the universal design concept, which means that they are fully accessible homes. Mr. Dowler stated that they will have no-step entrances, wider doorways, levered handles, accessible bathrooms, lower cabinets, and all the items that are necessary for people that have a special need.

Mr. Dowler stated that he wanted to come before Council tonight to express his appreciation to the City Council for the support they have given to the Pineywoods Home Team over the past three years.

Mr. Dowler stated that Pineywoods Home Team has now developed over 24 single family ownership homes, 14 of which are actually located in Lufkin and Angelina County. Mr. Dowler stated that with the development of the rental project in Lufkin, they can further compliment their housing goals for the City. Mr. Dowler stated that Pineywoods Home Team is now a certified home buyer educator, and will be conducting home buyer education to all their rental unit people who live in these houses so that they can be able to move out of a rental unit into actual home ownership.

Mr. Dowler stated that the contract amount for the 20 units to be developed in Lufkin and Nacogdoches is a little over $1.6 million.

Mayor Bronaugh stated that 10 years ago the City Council recognized the house needs that were needed in the City of Lufkin and the Council made a commitment to do something. Mayor Bronaugh stated that Council appreciated all of the efforts of Mrs. Fields, Mr. Dowler and Mr. Yancy.

6. **ORDINANCE - APPROVED - FIRST READING - ZONE CHANGE - RESIDENTIAL LARGE TO COMMERCIAL (LOCAL BUSINESS) - A. BARELA SURVEY - 2204 NORTH RAQUET STREET - HOMERO AND ROSA TREVINO**

Mayor Bronaugh stated that the next item for consideration was the request of Homero and Rosa Trevino, to change the zoning from "Residential Large" to a "Commercial" zoning district on approximately 0.221 acres of land described as Tracts 630-1, 630-2 and 630-3 out of the A. Barela Survey (Abstract No. 49) and more commonly known as 2204 North Raguet Street

City Manager Maclin stated that included in the Council packet is a memo of explanation from the Planning Department and the recommendation from the

Planning & Zoning Commission. Mr. Maclin stated that this item was tabled at a previous meeting to allow all the Councilmembers to be present. Mr. Maclin stated that this item comes to Council with a unanimous recommendation for approval to change the zone to Local Business, not Commercial. Mr. Maclin stated that there was concern for an allowance for non-resdential, but not all the way up to Commercial. Mr. Maclin stated that Local Business has some other restrictions that will give greater protection to the neighborhood, and that was the recommendation of P & Z.

Mr. Maclin stated that because there was 20% opposition or greater from adjoining property owner it invokes the 5/6 rule, which would require six of the Councilmembers to vote affirmatively on this request in order for it to pass.

Motion was made by Councilmember Don Boyd and seconded by Councilmember R. L. Kuykendall that Ordinance to change the zoning from "Residential Large" to "Local Business" on approximately 0.221 acres of land described as Tracts 630-1, 630-2, and 630-3 out of the A. Barela Survey (Abstract No. 49) and more commonly known as 2204 North Raguet Street be approved on First Reading as presented. A unanimous affirmative vote was recorded.

7. **ORDINANCE - APPROVED - ZONE CHANGE - RESIDENTIAL LARGE TO NEIGHBORHOOD RETAIL - PERSHING STREET AND LAYFETTE - BONTON ADDITION - JERRY BISHOP & ASSOCIATES - NINA McDANIEL**

Mayor Bronaugh stated that the next item for consideration was the request of Jerry Bishop & Associates on behalf of Nina McDaniel to change the zoning from "Residential Large" to "Neighborhood Retail" on approximately 0.72 acres of land located at the northeast corner of the intersection of Pershing Street and Lafayette and described as Lots 1 and 4 of Block 15 in the Bonton Addition.

City Manager Maclin stated that included in the Council packet is a memo of explanation from the Planning Department staff regarding this request. Mr. Maclin stated that the request comes to Council with a unanimous recommendation of approval from the Planning & Zoning Commission to make the change with three stipulations: 1) requires a six foot tall sight bearing fence along the property lines that abut residentially zoned properties 2) limits any single use to a maximum of 3,000 square feet; and 3) Limits the hours of operation to the hours between 6:00 a.m. and 11:00 p.m.

Motion was made by Councilmember Bob Bowman and seconded by Councilmember Dennis Robertson that Ordinance to change the zoning from "Residential Large" to "Neighborhood Retail" on approximately 0.72 acres of land located at the northeast corner of the intersection of Pershing Street and Lafayette and described as Lots 1 and 4 of Block 15 in the Bonton Addition be approved on First Reading with the following stipulations: 1) Requires a six foot tall sight bearing fence along the property lines that abut residentially zoned properties 2) Limits any single use to a maximum of 3,000 square feet; and 3) Limits the hours of operation to the hours between 6:00 a.m. and 11:00 p.m. A unanimous affirmative vote was recorded.

8. **ORDINANCE - APPROVED - FIRST READING - DROUGHT CONTINGENCY PLAN REVISIONS**

Mayor Bronaugh stated that the next item for consideration was revisions to the Drought Contingency Plan.

City Manager Maclin stated that included in the Council packet is a copy of the Drought Contingency Plan update as prepared by the City Engineer. Mr. Maclin stated that this item is something that is required by regulations of the Texas Natural Resource Conservation Commission. Mr. Maclin stated that the City has had a Drought Contingency Plan since 1993, but there are some updates, some language that will make it thoroughly and completely comply with State law.

Keith Wright, City Engineer, stated that the State of Texas passed a requirement that every public water supply adopt a Drought Contingency Plan based on their guidelines. Mr. Wright stated that included in the Council packet is a memo quoting the Texas Administrative Code. Mr. Wright stated that the Drought Contingency Plan is a lot more specific, it outlines in detail covering all the bases that the State could think of. Mr. Wright stated that he took the Plan directly from the TNRCC workbook and modified it in areas to meet the City's needs. Mr. Wright stated that what is different from the original Plan is the quantities. Mr. Wright stated that early next summer we will bring on line the new ground storage tanks and new pumping facilities which will give us about 3 million more gallons of capacity, and that is being reflected in the Ordinance. Mr. Wright stated that a water rationing plan is also different from what was in the original Ordinance. Mr. Wright stated that the key items in the first section of the Ordinance are to establish the authorization with determining when to implement provisions of the Plan with the City Manager, it gives a list of definitions of items that are talked about in the Plan, and starting with Section 8 it addresses five different stages of drought conditions. Mr. Wright stated that these are based on our capacity and the amount of water we are pumping at any given time. Mr. Wright stated that Stage one starts off with "mild", and then proceeds to "moderate", "severe", "critical", and then the next stage is "emergency water shortage conditions", which are other conditions that may come up that may not actually relate to pumpage amounts but may be due to some catastrophic failure with the distribution system, or some problems with the water plant. Mr. Wright stated that item 9 outlines the steps that will be taken in each one of these stages - stage one through stage five. Mr. Wright stated that every stage requires more things to be done. Mr. Wright stated that a lot of manpower will be required by the City of Lufkin in order to enforce the Plan. Mr. Wright stated that the State of Texas will face contiuning problems with water supply, and the City will have a tool to implement and step right into protecting water for every citizen of Lufkin.

Mr. Wright stated that there is an enforcement criteria that establishes what happens when water rationing becomes imminent for residential, multi family - unit apartments, commercial, and industrial. Mr. Wright stated that the allocations that are mentioned for each customer has not been established for the commercial and industrial users. Mr. Wright stated that if Council approves the Plan today he will move forward with establishing those allocations based on the average water use of each entity.

Mr. Wright stated that the Plan addresses enforcement and gives the different fines that can be applied and the action the City can take. Mr. Wright stated that in Section 11 on page 14, there is a $5,000 fine that will have to be reduced to $2,000. Mr. Wright stated that the surcharges and the fines are high and that is because when you get into a situation where there is a critical resource, and a critical shortage, steps that may be drastic have to be taken to ensure the public safety and public health.

Mr. Wright stated that there is also a Section for variances that can be submitted to the City Manager if there is an overriding or compelling need of a particular entity or particular person.

In response to question by Councilmember Gorden regarding car washes, Mr. Wright stated that the first stage eliminates washing cars at the homes and allows time frames for the commercial car washes, and restricts from that point.

In response to question by Councilmember Gorden, Mr. Wright stated that Kenneth Williams, Public Works Director, has the capability as the Emergency Management Director, to interrupt the cable TV system for emergencies and give a broad band broadcast over every channel. Mr. Wright stated that he did not include this as a notification but it can be added.

Mr. Robertson suggested that water leaks during drought contingency should be addressed immediately. Mr. Wright stated that the City of Lufkin has a lot of leaks, and it is not uncommon during the summer to have 25 leaks reported each day. Mr. Wright stated that the leaks are prioritized, and this Plan addresses that.

Motion was made by Councilmember Don Boyd and seconded by Councilmember Lynn Torres that Ordinance revising the Drought Contingency Plan be approved on First Reading with changes to be made for Second Reading (adjusting the fine from $5,000 to $2,000 and adding the cable interrupt). A unanimous affirmative vote was recorded.

9. **RESOLUTION - APPROVED - DEEP EAST TEXAS NARCOTICS TRAFFICKING TASK FORCE**

Mayor Bronaugh stated that the next item for consideration was the Task Force Resolution to continue the City's membership in the Deep East Texas Narcotics Trafficking Task Force.

City Manager Maclin stated that included in the Council packet is a memo from Chief Collins requesting that the City continue participation in the Deep East Texas Narcotics Trafficking Task Force. Mr. Maclin stated that the City's cash match is the same as last year at $13,900. Mr. Maclin stated that also included for Council consideration is a Resolution, which is similar to those Council has approved in the past.

Chief Collins stated that the City has participated in the Task Force for the past 14 years. Chief Collins stated that the Task Force was organized in 1987 under the auspices of the Nacogdoches County Sherrif's Department. For the last five years the Task Force has been under the able directionship of Mike Kelly. Chief Collins stated that all the member agencies, such as the Lufkin Police Department, Nacogdoches County Sherrif's Department, Sabine County, a total of nine agencies have formed this cooperative agreement to participate in a cooperative effort for narcotics enforcement. Chief Collins stated that the City of Lufkin actually send a Lufkin Police Officer to the Task Force and he works as a Narcotics Investigator under the auspices of the Task Force, and basically works cases in the City of Lufkin and anywhere else that he is needed. Chief Collins stated that all of the participating agencies have a representative in the Task Force that work wherever they are needed. Chief Collins stated that it gives the City the opportunity to reach the manpower pool and use undercover narcotic enforfcement officers that are not known in the City of Lufkin. Chief Collins stated that it is somewhat dangerous to have your own officers get in "deep cover" situations in your own jurisdiction.

Chief Collins stated that the City of Lufkin is a charter member of the task force.

Motion was made by Councilmember Dennis Robertson and seconded by Councilmember Lynn Torres that Resolution to continue the City's membership in the Deep East Texas Narcotics Trafficking Task Force be approved as presented. A unanimous affirmative vote was recorded.

10. **PRELIMINARY UPDATE ON SURFACE WATER STUDY**

Mayor Bronaugh stated that the next item for consideration was a presention of a preliminary update on the surface water study.

City Manager Maclin stated that on the Council table is a hard copy of the presentation. Mr. Maclin stated that back in the summer Council authorized staff to move forward with a surface water study to explore our opportunity to take advantage of the surface water rights that the City has had on Sam Rayburn Reservoir since 1967. Mr. Maclin stated that we have reached the point in our preliminary water studies and regional studies that we believe that there's the potential that in 10 years we will reach the maxium daily pumping capacity of our ground water in the well fields we have access to in north Angelina County. Mr. Maclin stated that the City is continuouly adding new wells to help maintain adequate supply to meet the needs of a growing community but there will come a day when the limits of the ground water will be reached and it will be time to cash in on that insurance policy the City purchased back in 1967 called 26 MGD from Sam Rayburn. Mr. Maclin stated that the City took RFQs and established a project team and they are ready to give Progress Report No. 1.

Larry Lasiter introduced the Project Team: Larry Smith of Camp Dresser & McKee, Inc., Wayne Stoltz of Everett Griffith, Jr. & Associates, Inc., Bob Thurber of KSA Engineers, Inc. and Mike Walker, Kirk Raymond and Pat Oats of Goodwin-Lasiter, Inc.

Mr. Lasiter stated that the issues they would like to cover tonight are: Water quality testing, the intake structure, the treatment plant, the transfer pumping and storage, the transmission line, the service pumping and storage, and the time line for the rest of the study. The study team together with the City staff worked to develop locations on Sam Rayburn Resevoir in order to take samples and there were four locations identified from the study team that were the desirable locations to sample from. These locations were: Highway 103, Hanks Creek, the 147 Bridge, and the Calhoun Point. Mr. Lasiter stated that the water from Lake Sam Rayburn was analyzed for over 130 water quality parameters including six physical properties, 20 inorganic substances and 110 organic substances. The testing requirements that were used in doing the water sampling testings were those required by the EPA including both primary and secondary drinking water standards as well as the requirements of the State enforced by TNRCC. Mr. Lasiter stated that results of the water sampling and testing were included in a technical memorandum that has already been furnished to the staff prepared by Camp Dresser & McKee. Mr. Lasiter stated that the summary of the findings of the water quality at these locations were as follows: At the 103 location the water quality was considered good at all depths; the Hanks Creek site was considered good at all depths; and, at the S. H. 147 bridge there was a better water quality, and a better water quality off the Calhoun Point. Mr. Lasiter stated that each of the sampling locations were also evaluated to consider other factors that would impact the cost and quality of the location as for as development of an intake location. The issues considered were the intake structure construction, accessibility to shore, power supply availability, available land for the plant, ability to serve water suppliers and the lake level fluctuations.

Mr. Lasiter stated that their conclusions based upon review of the water quality data and the potential sites are that the water quality in Sam Rayburn is similar to other surface water supply lakes; site 1 at Highway 103 is the most vulnerable to changes in water quality; and, site 3 at Highway 147 appears to be the best in terms of water quality, intake construction, power supply, land availability, and line routing.

Mr. Lasiter stated that the raw water intake consists of an intake structure with screened and valved inlets to allow you to take your water supply from various depths, and the raw water pump station. Mr. Lasiter stated that there are two options on the raw water pump station and they are 1) inland pump station (preferred), and 2) pumps at the intake structure. Mr. Lasiter explained the diagram of the intake pump options. Mr. Lasiter stated that KSA is working on doing some underground surveys to determine what the lake bottom condition is and the topography of the lake bottom in the area of the 147 bridge.

Mr. Smith with Camp Dresser & McKee stated that there are four key issues to the surface water treatment plant. First, they are reviewing the contracts that the City has in place with the Corps of Engineers, Lower Neches River Authority, and TNRCC, with respect to how much water can actually be taken out of Lake Sam Rayburn and between which water levels that water can be withdrawn. Mr. Smith stated that they have determined that about 10 acres of usable land area will be required before the treatment plant itself and an additional 10 acres will be required

TNRCC's water rights adjudication certificate, which below the bottom of the conservation pool it is his opinion that the water goes into the State's hands and they are responsible for allocating it and on that documentation it would tell them if there are any restrictions below that level. Mr. Smith stated that he had talked to them and they indicated that they did not have a copy in their hands, but it is very rare for them to place any restrictions on water supply for municipal use. Mr. Smith stated that they felt it would be very surprising if they had any restrictions on the City's water rights below the lower level conservation pool. Mr. Smith stated that they are still researching this one.

Mr. Maclin asked Mr. Smith if he were familiar with the debate between the Feds, the State, LNVA, the Sam Rayburn Municipal Power Authority and the elevation 147 issue. Mr. Smith stated that he was not familiar with this, and Mr. Maclin stated that he would like to visit with Mr. Smith about this.

Mr. Gorden stated that he had been led to believe that there would not be any dispute over the City taking water down at those lower levels.

Mr. Maclin stated that it is anticipated that when the salt water barriers are built by the Corps at the mouth of the river going into the gulf that that will add five vertical feet to any drought that we have previously had based on the flow that LNVA would have for salt water backup prevention. Mr. Maclin stated that there is a lot of information that we will have access to on that.

Mr. Maclin asked, in terms of volume has Mr. Smith calculated the two contracts. Mr. Smith stated that the volume in the contracts has been broken into initially and ultimately. Initially it is 10 MGD and the storage volume that has been set aside is larger than that. The maximum rate is 25 MGD. Mr. Smith stated that they are still reviewing these documents. Mr. Smith stated that a complicating factor is Senate Bill One work that is going on right now, and obviously could have some impact. Mr. Maclin stated that if Mr. Smith's firm had any suggestions as to how the City can protect its rights based on Senate Bill One, we are open to hear that.

Mr. Maclin asked if anybody on the team was familiar with the problems that the City of Longview had last year in terms of discoloration, odor and taste problems. Mr. Maclin stated that he would respectfully request that the team research that to make sure that we've addressed those type of issues through the treatment process.

In response to question by Mayor Bronaugh, Mr. Lasiter stated that he is anticipating that the plant that would be receiving the treated surface water would not be at the same location as the well water plant, but would be two separate locations. Mr. Lasiter stated that one of the other issues they haven't gotten into yet because they haven't finished the treatment plant side of the puzzle first, is the blending issues that will be involved.

In response to question by Councilmember Robertson, Mr. Smith stated that if a surface water source is developed in conjunction with continued use of the well water and they both go into the distribution system, it is likely that they would be blended. Mr. Smith stated that it would not necessarily require an additional treatment plant, you can get blending by just the hydrolics of mixing the water together, but it is likely that they would be blended at some point.

11. **REPORT - TXDOT DISTRICT 11 - NEAR TERM IMPROVEMENTS - U S 59 SOUTH**

Mayor Bronaugh stated that the next item for consideration was a report from TxDOT District 11 regarding proposed near term improvements to U S 59 South.

City Manager Maclin stated that the TxDOT staff has presented the City with some preliminary plans, and the Administrative staff and Engineering have met on a number of occasions with Ms. Walker and they have prepared some maps and