



June 5, 2017

Regional Transportation Council
and Surface Transportation Technical Committee
c/o Sandy Wesch, P.E., AICP
Project Engineer
North Central Texas Council of Governments
616 Six Flags Drive, Arlington, Texas 76011

Re: South Shady Shores Road Bridges Project Details in Support of New Federal Transportation
Funding Request

Dear Ms. Wesch:

Per our previous conversations concerning the “Shady Shores Bridges” project currently listed under the *Safety, Innovative Construction and Emergency Projects* project funding program category as presented by the NCTCOG at its May 2017 public meetings, please accept the following project details to support the request for funding:

- **Facility** – South Shady Shores Road is a two-lane asphalt roadway and listed as a Major Collector in both the Federal Functional Classification System and the TxDOT Functional Classification System.
- **Limits** – The project limit is South Shady Shores Road generally located between West Shady Shores Road to the north and Swisher Road to the south. More specifically, the limits are comprised of the following three (3) segments, which are subject to flooding as shown on the attached map exhibits and as presented in the attached *Briefing Paper - Shady Shores Road Inundation Problem* dated 8/15/2016 by NCTCOG:
 - o Approximately 1,700 linear feet between West Shady Shores Road and Oakwood Circle (owned by Denton County) (See attached Exhibit 1)
 - o Approximately 1,100 linear feet between Oakwood Circle and Dobbs Road (owned by Shady Shores) (See attached Exhibit 2), and
 - o Approximately 500 linear feet between Parkside Lane and Silktree Court (owned by Lake Dallas) (See attached Exhibit 3)

Town of Shady Shores
PO Box 362
Lake Dallas, TX 75065
940-498-0044

South Shady Shores road runs north-south on the western edge of Lake Lewisville, and the flooding areas are the low points where the road alignment crosses the United States Army Corps of Engineers (USACE) fee property and/or flowage easement.

- **Scope of Work** – The scope is to mitigate frequent road inundation by raising the road at the three (3) low points generally described above using mechanically stabilized earth (MSE) wall construction or other innovative bridge construction methods. The road shall be raised to a minimum elevation near 537 feet above MSL, which is the 100-year water surface elevation associated with Lake Lewisville, with a preference towards an elevation of 539 feet above MSL. The scope includes construction of bridge openings to maintain the required hydraulic capacity at the three (3) structure locations associated with the three (3) road segments, roadway approach and tie in reconstruction and other associated improvements.
- **Costs by Phase (Estimated)** –
 - **Engineering** – \$0 as all engineering costs to be covered by local jurisdiction
 - **Environmental** - \$0 as all costs for environmental compliance to be covered by local jurisdiction
 - **Right-of-Way** - \$0 as construction is expected to be contained within the existing rights-of-way excluding the potential need for temporary construction easements from the USACE.
 - **Utilities** –
 - **Franchise** - \$0 (expected) as any franchise utility (Oncor, Atmos Energy, Coserv, Charter Communications, etc.) relocation costs are expected to be at the expense of the respective franchise utility companies, unless eligible for Federal reimbursement. Franchise utility relocation requirements will be confirmed/determined during preliminary engineering design.
 - **LCMUA** - \$0 as water & wastewater relocations/improvements are expected to be the responsibility of Lake Cities Municipal Utility Authority (LCMUA), which is understood to have plans for improvements in the area and wishes to time those improvements with the road construction.
 - **Construction** - \$12 million, including an estimated \$11 million for construction, \$400K for inspection, and \$600K for tree mitigation and other associated construction related items. Costs to be paid by RTC allocation of funding and local match requirements.
- **Current Funding Commitments** – It is the intent of the local jurisdictions (Denton County, Lake Dallas and the Town of Shady Shores) to provide the local match construction dollars (20%) and the engineering dollars.

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- **Start/End Dates for Each Phase** (Estimated and based on anticipated final federal approval of funds - March/April 2018)
 - **Engineering –**
 - **Preliminary Engineering** – April 2018 to September 2018 (6 months)
 - **Federal Emergency Management Agency (FEMA) Conditional Letter of Map Revision Approval** – (recommended as part of Letter of Map Revision process, which is required due to replacement of culvert/bridge structures) October 2018 to May 2019 (8 months)
 - **Final Engineering** – October 2018 to May 2019 (8 months)
 - **Environmental –**
 - **Environmental Assessment (EA) and expected Finding of No Significant Impact (FONSI)** – April 2018 to May 2019 (14 months)
 - **404 Permitting** - October 2018 to May 2019 (8 months)

It should be noted that the local jurisdiction has ensured that the USACE has been included in all planning meetings associated with this project, has been consulted on potential requirements and feasibility and is aware of this project and potential timeline.
 - **Right-of-Way (Temporary Construction Easements)** – March 2019 to May 2019 (3 months)
 - **Utilities –**
 - **Franchise** – June 2019 – August 2019, if required (3 months) and/or concurrent with construction
 - **LCMUA** – Concurrent with construction
 - **Construction** – August 2019 to July 2020 (12 months)
- **Project Details** – Lake Dallas was originally engineered in 1927, expanded in 1948 and flooded in 1955 to create Lake Lewisville by the USACE for flood control and to serve as a water source for Dallas. In 1988 the conservation pool elevation was raised from 515 feet above MSL to 522 feet above MSL. The horizontal and vertical alignment of South Shady Shores Road has remained relatively unchanged during and since that time frame. As a result, South Shady Shores Road (527 feet above MSL) lies only 5 feet above the conservation pool level of Lake Lewisville and 10 feet below the lake's 100-year flood elevation (537' feet above MSL). This has resulted in the lake level overtopping the road for 635 days during 13 flood events dating back to 1958, including the road being flooded by two different events in 2015 and the road being underwater by as much as 10 feet.

South Shady Shores Road is the only other north-south corridor in the area east of IH-35. As such it is a valuable corridor for Lake Dallas and Shady Shores local traffic, it is a key route for Denton County residents and it is important for pass through traffic that would result if IH-35 is ever closed. Furthermore, with a key fire station for Shady Shores being located on Main Street in Lake Dallas, response times can increase between 10-15

minutes for some Shady Shores residents when South Shady Shores Road is flooded. This results in a specific threat to human safety and life in Shady Shores, which is also home to two (2) elementary schools and one (1) middle school. Approximate school attendance of students and faculty/staff is 2,100 souls with exposure to delayed response times by first responders during road inundation times, sometimes lengthened by 7-10 minutes and by 7 miles.

The NCTCOG developed a briefing paper in August of 2016 to explore solutions to the situation and develop cost estimates. That paper is attached and being submitted to provide additional project details in support of this request for project funding.

Respectfully yours,



Richard A. Arvizu, P.E., CFM
Town Engineer, Shady Shores
Managing Director, Binkley & Barfield, Inc.

Attachments (3)

CC: Paula Woolworth, Mayor Pro-Tem, Shady Shores Town Council Project Leader
Matthew Haines, Alderman, Shady Shores Town Council Project co-Lead
Wendy Withers, Town Secretary, Shady Shores
Matt Shaffstall, City Manager, Lake Dallas
Michael Barnhart, Mayor, Lake Dallas
Codi Delcambre, City Secretary, Lake Dallas
John Polster, President, Innovative Transportation Solutions

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W Shady Shores Rd

Approximate Segment Limits

S Shady Shores Rd

Exhibit 1



S Shady Shores Rd

Dobbs Rd

Approx. Segment Limits

Exhibit 2

Oakwood Circle



S Shady Shores Rd in Lake Dallas

N

Limits of Flooding

+/- 500 LF

Parkside

Silktree

Pembroke

Exhibit 3

500 m
2000 ft

BRIEFING PAPER
SHADY SHORES ROAD INUNDATION PROBLEM
8/15/2016

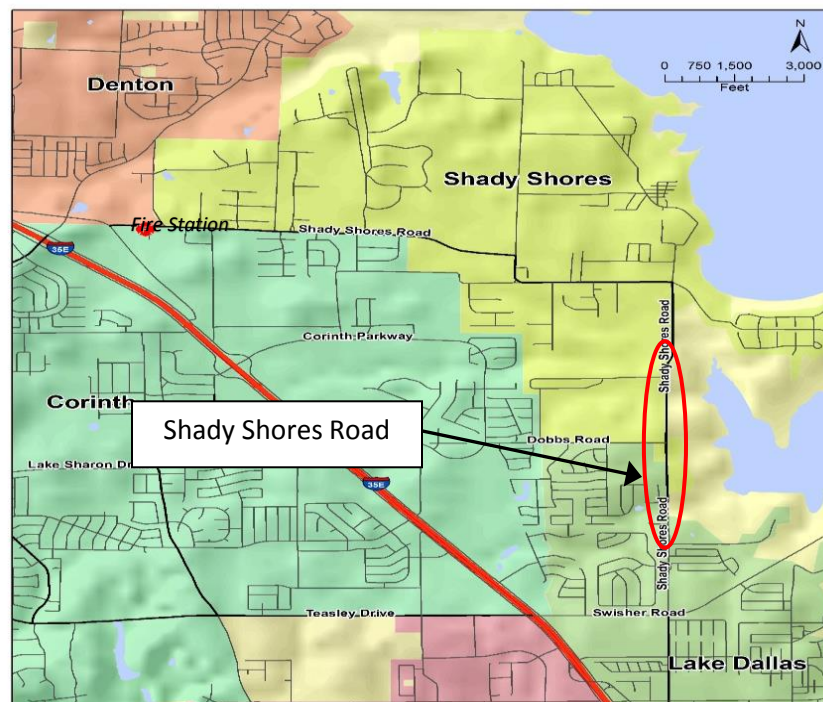
Background

South Shady Shores Road is a two-lane road approximately 2.5 miles long that runs north-south on the western edge of Lake Lewisville. Portions of the road are owned by three entities, Denton County, the Town of Shady Shores and the City of Lake Dallas. The road is partially within the limits of the City of Lake Dallas and the Town of Shady Shores. The average daily traffic (ADT -both ways) is forecasted to be approximately 2,830 vehicles per day just north and 5,778 just south of Dobbs Road in 2017. This will grow to approximately 7,640 and 12,245 respectively in 2040 ¹. During the flooding rains of the Spring of 2015, and again in May of 2016, the road was inundated for extended periods of time at three locations. This caused all vehicular traffic, residents, emergency crews and others, to find alternate routes around the inundated sections of road.

The North Central Texas Council of Governments (NCTCOG) has been asked to explore solutions to the situation and develop cost estimates. The following is a summary of the findings.

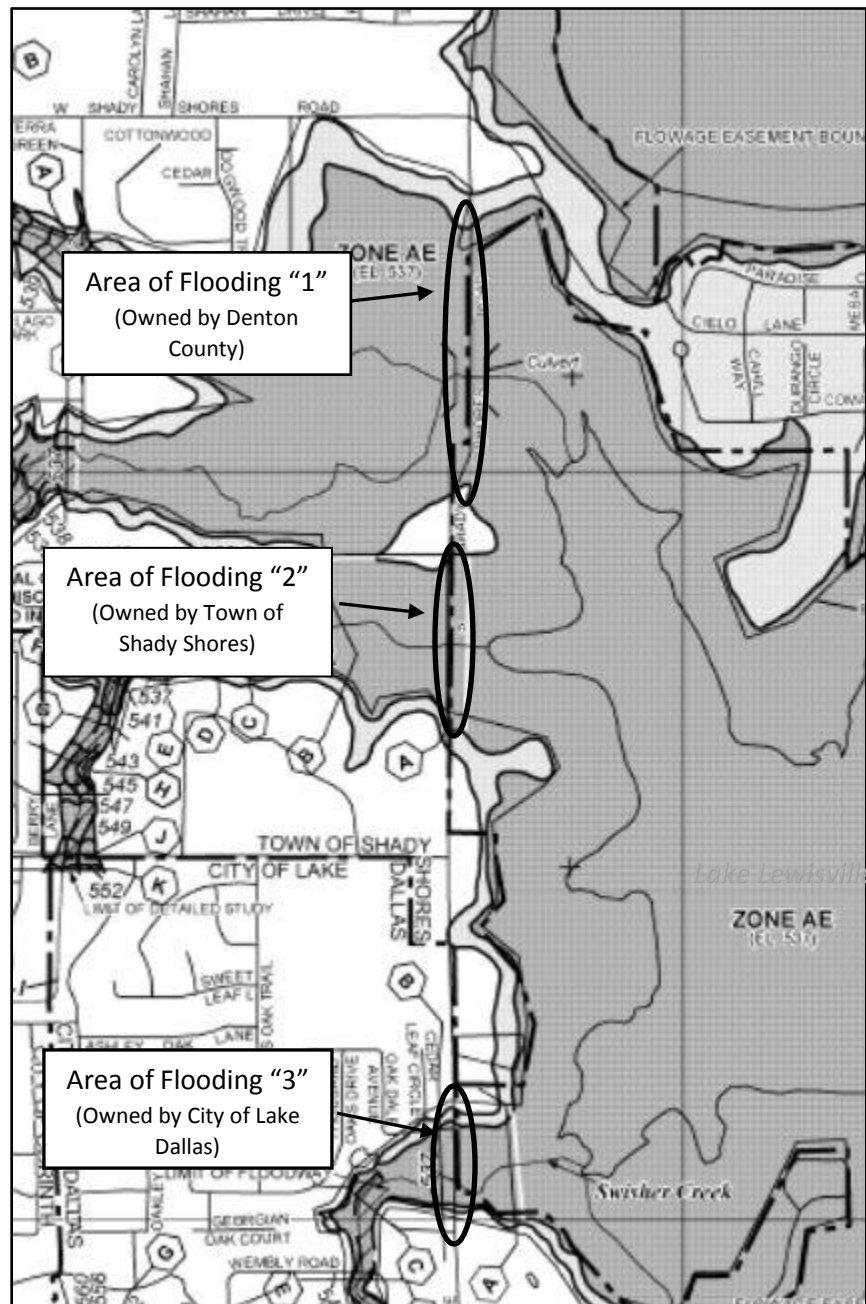
Figure 1 shows the location of Shady Shores Road in relation to Lake Dallas and the Town of Shady Shores. Figure 2 show the locations of the flooded portions of road. The areas of flooding are low points where the road crosses the Corps of Engineers "flowage easement and fee property," the area that the Corps reserves for Lake Lewisville high water events above the normal pool elevation.

Figure 1 – Vicinity Map



¹ North Central Texas Council of Government Dallas-Fort Worth Regional Travel Model (DFWRTM)

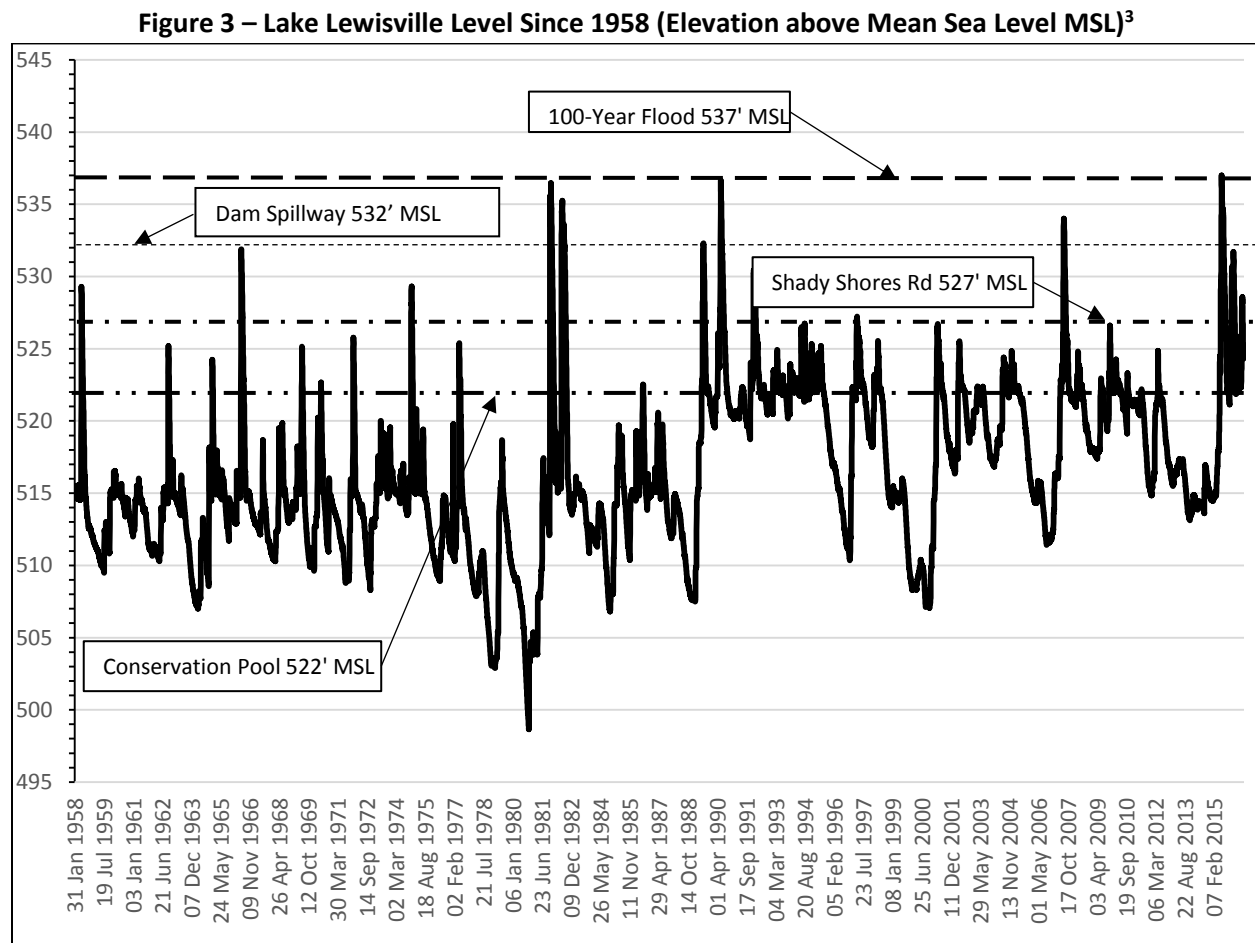
Figure 2: Map Showing Locations of Areas of Flooding²



² Source: National Flood Insurance Rate Map for Denton County, panel 395 effective 4/18/2011

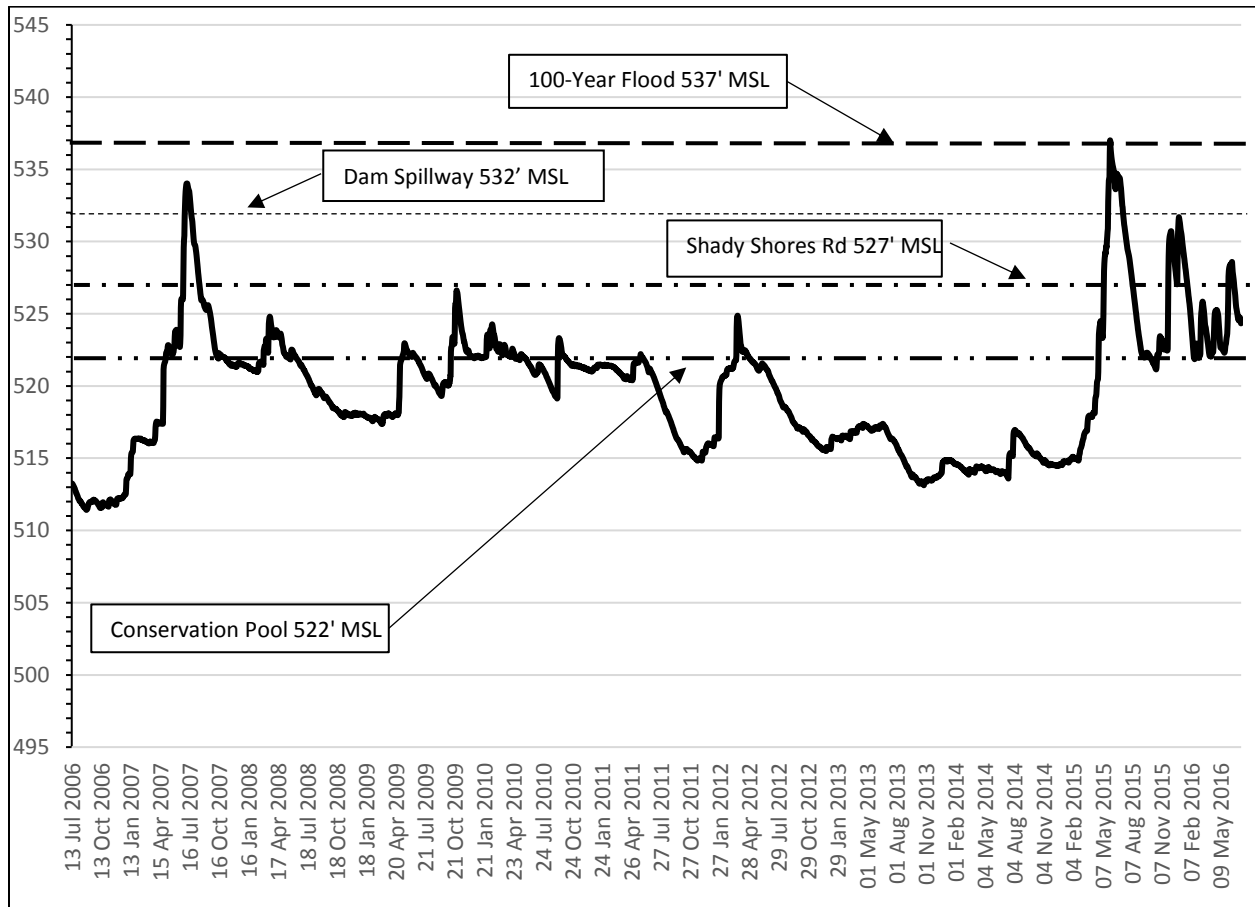
Lake Lewisville Water Levels

The water level in Lake Lewisville is controlled by the Lake Lewisville dam. The Corps of Engineers is the entity that is responsible for operating the dam and keeping records of water levels. Using the data available from the Corps of Engineers Lake Lewisville web site for the last 58 years, Figure 3 shows the fluctuations of the lake levels over that time. Figure 4 shows the fluctuations over the last ten years. The 100-year flood elevation as well as the elevation of Shady Shores Road at the three low spots is also shown. Shady Shores Road is approximately five feet above the conservation pool level, or normal water level, but 10 feet below the 100-year flood elevation.



³ Data taken from Corps of Engineers Fort Worth District hydrologic data page for Lake Lewisville for the period from Jan 1, 1958 to July 12, 2016.

Figure 4 – Lake Lewisville Level Last 10 Years (Elevation above Mean Sea Level MSL)



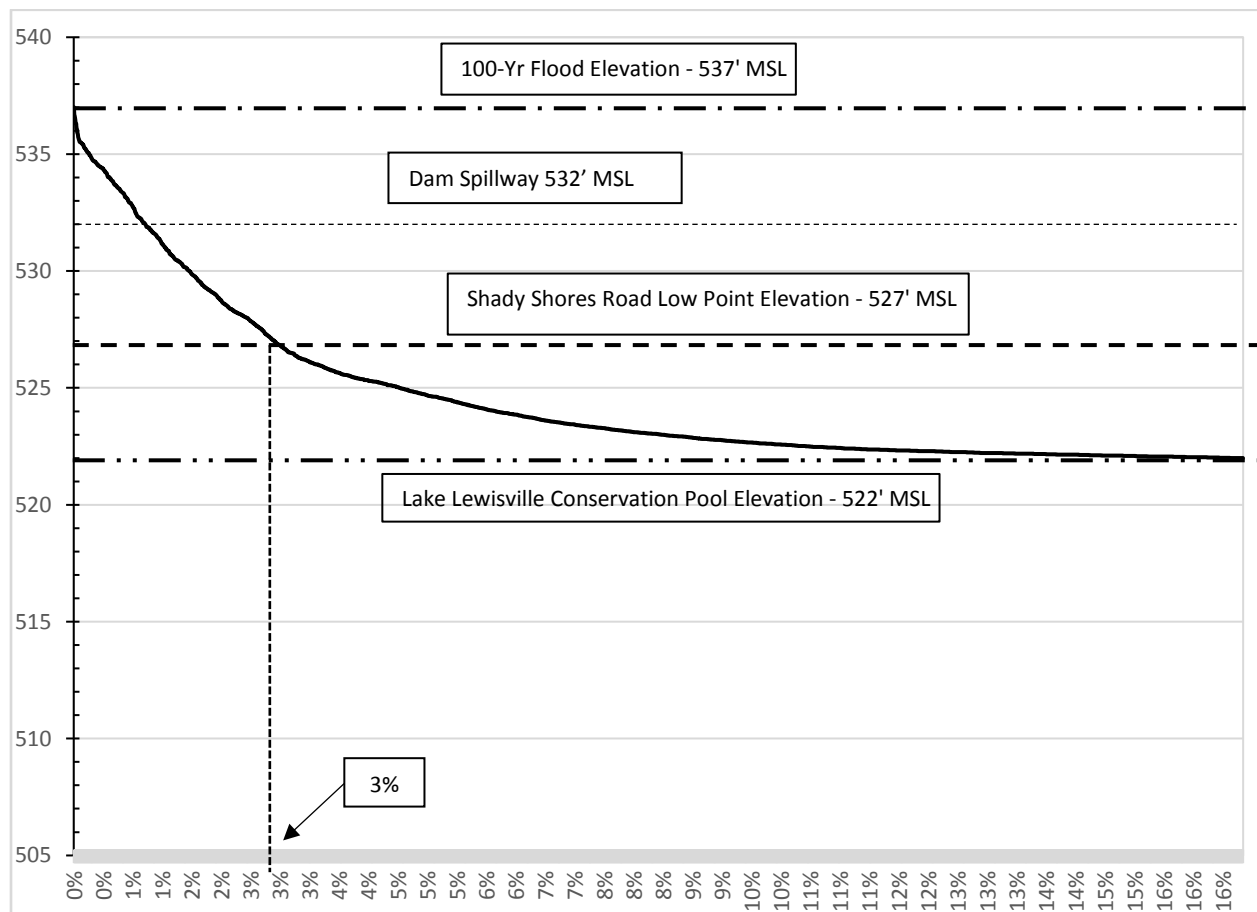
Water from Lake Lewisville has flooded Shady Shores Road a total of 13 times during the last 58 years, five times during the last ten years. Table 1 lists the number of days during the last 58 years that the water level in the lake exceeded the specified elevation in the table. For example, the elevation of Shady Shores Road at all three low points is approximately 527 feet above MSL. The total amount of time that the lake level overtopped the road was 635 days during 13 flood events. If the road was raised and / or new bridges were constructed at elevation 530 feet above MSL, the number of inundated days would be reduced to 366, if constructed at elevation 534 feet above MSL, the number of inundated would be reduced to 114, and so forth. It should be noted that vehicular traffic cannot use the road for approximately 30 days after the flooding event due to saturation and weakening of the road base. This time should added to the total days that the road is impassable for each event.

Table 1 – Lake Lewisville Water Level History Since 1958

Elevation (MSL)	Number of Days Water Met or Exceeded Elevation	Number of Flood Events
539'	0	0
537'	1	1
534'	114	5
530'	366	9
527'	635	13

Figure 4 shows the percent of time during the last 58 years of recordkeeping that the Lake Lewisville water level equaled or exceeded a particular elevation. The chart indicates the water level exceeded the elevation of Shady Shores Road approximately three percent of the time.

Figure 4 – Percent of Time Above Elevation⁴



⁴ Data taken from Corps of Engineers Fort Worth District Hydrologic Data page for Lake Lewisville for the period of May 1988 to April 2016.

Risk

The likelihood that the Lewisville Lake levels will approach or exceed the level set with the Spring 2015 floods is approximately the same as that of a 100-year flood event. The crest set on 5/31/2015 was less than one inch from the 100-year flood level. Surface transportation projects (roadways) are rarely designed for a 100-year flood event because of the cost involved. Typically, rural roads are designed for a 10 or 25-year storm event and interstates are designed for a 50 or 75-year event. The elevation of three low points on Shady Shores Road is approximately at the level of a 5 to 10-year flood event.

Consequences

During periods of high water level in Lake Lewisville, Shady Shores Road becomes impassable, sometimes for an extended period of time. As a result, vehicles must drive approximately 7 miles to get from one side of the flooded area to the other. This impedes access to emergency services, local police, schools and the like. It also causes concerns from the standpoint of increased emergency response time and loss of direct connectivity between the City of Lake Dallas and the Town of Shady Shores. Another major impact is damage to the roadway itself during extended duration of flooding.

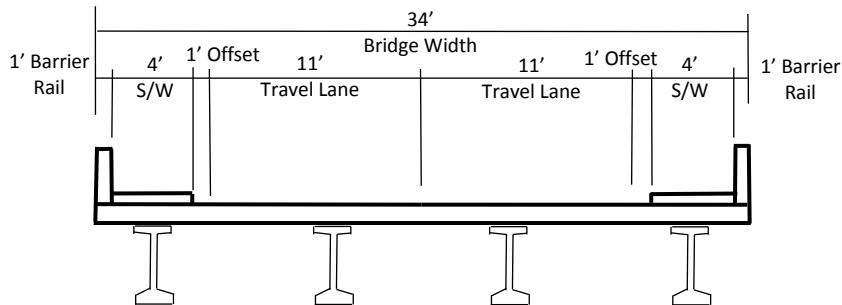
Possible Solutions

One solution that would mitigate the problem of the road inundation would be to raise the road at the three low points on Shady Shores Road with bridges built at a higher elevation. These bridges would need to span the entire distance over the flooded area. Shorter bridges would require the road to be raised on earth fill, which would impact the Corps of Engineers Lake Lewisville Flowage easement and fee property. Any impact from raising of the road would have to be approved by the Corps of Engineers and most likely would require mitigation by providing storage capacity elsewhere in the lake.

The bridge deck or travel way elevation for the new bridges would be set based at the level of acceptable risk of inundation during high water on Lake Lewisville. The first option considered in this briefing paper is 539 feet above MSL or two feet above the 100-year flood level. This would assure no risk of flooding. The second option would be at the 537 feet MSL or at the 100-year flood level. This elevation would keep the road above the flood level, but the road base would be saturated during an extreme event, possibly prompting the road to be closed. The third option would be elevation 534 feet above MSL. This elevation has been met or exceeded by Lake Lewisville approximately 114 days over the last 58 years, not counting the days required for drying out of the road bed. The fourth option would be elevation 530 feet MSL. This elevation has been met or exceeded approximately 366 days over the last 58 years. A higher elevation would mean a longer bridge and higher cost. The lower the elevation of the bridges, the shorter the bridge and lower cost.

The new bridges would need to be designed to meet applicable standards for a road of this classification. At a minimum, the bridge would have two 11-foot lanes, a 1-foot offset from the curb, two 4-foot sidewalks and a barrier rail for a total bridge width of 34 feet (Figure 5).

Figure 5 -Bridge Cross-Section



The approximate range of costs based on TxDOT bid price history and the type of bridge construction is \$85 - \$138 per square foot as shown in Table 2. The 3-year average for three types of bridges was used to develop the range of unit price.

Table 2 – Average Cost per Bridge Deck Area

Bridge Type	FY 2013	FY 2014	FY 2015	3-yr Avg.
Girder Prestressed Box Beam	\$104	\$154	\$156	\$138
Girder Prestressed I Beam	\$68	\$91	\$97	\$85
Prestressed Concrete Slab Beam	\$92	\$106	\$111	\$103

Table 3 shows four options for bridge length based on deck elevations set at 539, 537, 534 and 530 feet above MSL. The table also shows the corresponding number of days that the bridge would be under water and impassable based the historical record for the last 58 years. As the bridge deck elevation is lowered, the number of impassable days increases.

**Table 3 – Approximate Cost Estimate for New Bridges
(Utilizing Prestressed I-Beam Girder Bridge Type)**

Option	Bridge Deck Elevation	Days Inundated	Area 1 Length	Area 2 Length	Area 3 Length ⁵	Construction Cost Estimate
A	539'	0	1740'	1170'	585'	\$19 - \$23 million
B	537'	0	1600'	1070'	535'	\$18 - \$21 million
C	534'	56	1350'	900'	450'	\$15 - \$18 million
D	530'	366	1060'	490'	245'	\$10 - \$12 million

Note: Cost estimate assumed FY2015 TxDOT 3-year average bid prices per square foot of bridge deck area inflated to 2019 prices, the assumed year of construction. Estimate also included other items of work such as clearing, excavation, culvert and box culvert removal and miscellaneous costs as well as factors for mobilization (3%), engineering (10%) and contingencies (25% and 50%).

⁵ Vertical profile of Shady Shores Road at location #3 was not available. Area of flooding estimated from contour map. Bridge length at locations 1 and 2 were estimated using available Shady Shores Road profile sheets.

A second option to span the low areas would be to utilize mechanically stabilized earth (MSE) wall construction. Essentially, this type of construction involves two vertical and parallel retaining walls with select granular backfill between them. These MSE walls are typically seen along the interstate highway at interchanges.

Figure 6 –Mechanically Stabilized Earth (MSE) Wall Cross-Section

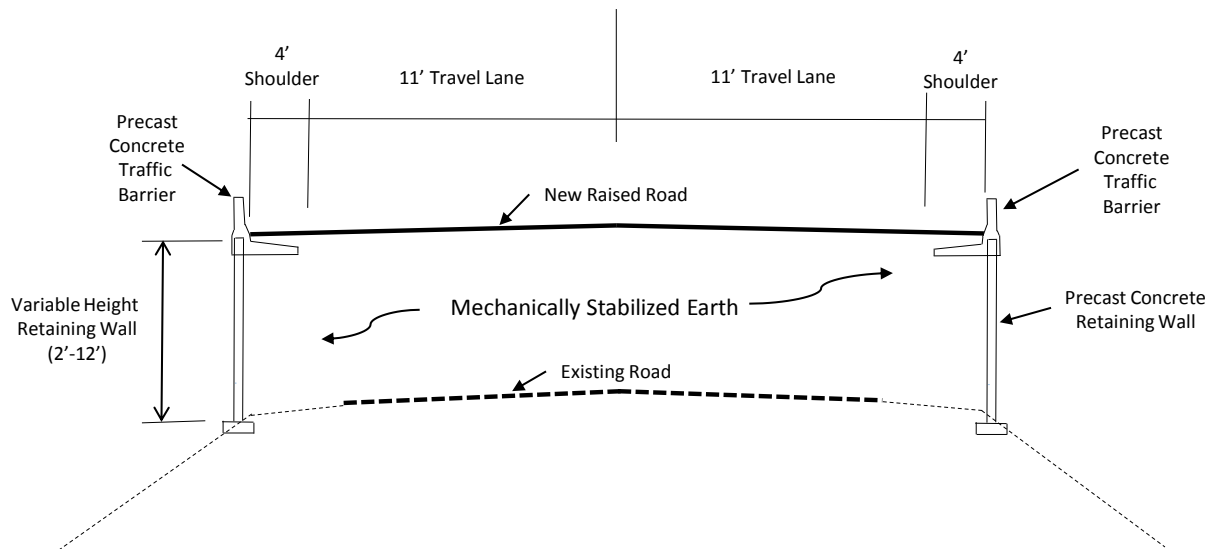


Table 4 – Approximate Cost Estimate for MSE Walls

Option	Bridge Deck Elevation	Days Inundated	Area 1 Length	Area 2 Length	Area 3 Length ⁶	Construction Cost Estimate
A	539'	0	1740'	1170'	585'	\$9 – 11 million
B	537'	0	1600'	1070'	535'	\$8 - \$10 million
C	534'	56	1350'	900'	450'	\$7 - \$9 million
D	530'	366	1060'	490'	245'	\$5 - \$6 million

Note: Cost estimate assumed FY2015 TxDOT average bid prices inflated to 2019 prices, the assumed year of construction. Estimate also included other items of work such as clearing, excavation, culvert and box culvert modifications, miscellaneous costs as well as factors for mobilization (3%), engineering (10%) and contingencies (25% and 50%).

⁶ Vertical profile of Shady Shores Road at location #3 was not available. Area of flooding estimated from contour map. MSE wall length at locations 1 and 2 were estimated using available Shady Shores Road profile sheets.

Summary

This briefing paper attempts to quantify the risk, consequences and cost to mitigate the flooding of South Shady Shores Road during periods of high water in Lake Lewisville. Key points to consider are cost of the bridges or MSE walls versus the additional travel time around the flooded areas. From a simple cost / benefit analysis, the cost far outweighs the travel time benefits. From an emergency response time perspective to homes, schools and businesses, the additional travel time could equate to as much as seven miles or about an additional ten to fifteen minutes.

**State of Texas
County of Denton
City of Lake Dallas**

The Lake Dallas City Council met in a special meeting on May 11, 2017 in the Lake Dallas City Hall, 212 Main Street, with notice of the meeting given, as required by Title 5, Chapter 551.041 of the Texas Government Code. Mayor Barnhart called the meeting to order at 7:00 p.m.

1. Roll Call

Michael Barnhart	Mayor
Megan Ray	Councilmember 1
Kathy Brownlee	Councilmember 2
Steve Forgey	Councilmember 3
Charlie Price	Councilmember 4
Andi Nolan	Councilmember 5

Staff Present: City Manager Matt Shaffstall, City Secretary Codi Delcambre, City Attorney Kevin Laughlin, Community Development Director Kevin Lasher, Lt. Vikki Chandler, Lt. Pete Malik, Public Works Superintendent Devin Shields and Finance Director Donna Bonner.

2. Invocation and Pledges of Allegiance

Isaack Tawaefa of First Baptist Church led the invocation. Mayor Barnhart led the pledges.

3. Announcements

A. Introduction of New Employees.

- City Manager Matt Shaffstall introduced Officer Tyler Chau, Officer Brenda Hall and Code Enforcement Officer Daniel Rusnak.

B. Receive Presentation from the Children's Advocacy Center for Denton County.

- Council received a presentation from Mike O'Brien with the Children's Advocacy Center for Denton County.

C. Receive Presentation from Lake Cities Municipal Utility Authority

- Council received a presentation from Mike Fairfield of the Lake Cities Municipal Utility Authority.

D. City Manager's Report

- Carnival will be in Town Thursday thru Sunday.
- Denton County approved the Communication ICA.
- Town of Little Elm approved the Jail contract.

4. Visitors/Citizens Agenda

Mayor Barnhart opened the Visitors/Citizens Agenda.

Paul Forgey of 402 Silale View Dr. ask how long after the water infrastructure was put in would the water prices decrease?

Mayor Barnhart closed the Visitors/Citizens Agenda.

5. Approve and Act on Consent Agenda

A. Approval of Minutes of the Regular Meeting held on April 13, 2017.

B. Receive Monthly Budget & Financial Report

C. Consider and Act on an Ordinance of the City Council of the City of Lake Dallas, Texas, reaffirming and continuing the Juvenile Curfew Ordinance Codified in Article 1 of Chapter 70 of the Lake Dallas Municipal Code.

Motion to approve the consent agenda was made by Councilmember Nolan and second by Councilmember Ray.

Ayes: Councilmembers Ray, Brownlee, Forgey, Price, and Nolan

Noes: None

Motion Passed

- 6. Conduct a public hearing and act on an Ordinance rezoning approximately 0.214 acres of land out of the M. Wright Survey, Abstract No. 1355, commonly known as 214 Gotcher Avenue, from Downtown District with base zoning of C-3 Commercial District, to Downtown District with base zoning of R-2 Two-Family Dwelling District. (The applicant is Mike Mayberry)**

Mayor Barnhart open the public hearing.

Kevin Lasher, Community Development Director presented the council with the background information.

Mayor Barnhart closed the public hearing.

Motion to approve an Ordinance rezoning approximately 0.214 acres of land out of the M. Wright Survey, Abstract No. 1355, commonly known as 214 Gotcher Avenue, from Downtown District with base zoning of C-3 Commercial District, to Downtown District with base zoning of R-2 Two-Family Dwelling District was made by Councilmember Nolan and second by Councilmember Forgey.

Ayes: Councilmembers Ray, Forgey, Price, and Nolan

Noes: Councilmembers Brownlee

Motion Passed 4-1.

- 7. Consider and Act to Schedule work session meeting regarding the 2018 Lake Dallas Comprehensive Plan (Development Services Director Kevin Lasher)**

Council scheduled a work session for June 15, 2017 at 7:30 p.m.

- 8. Receive Park Board recommendations for park rules for Willow Grove Park (Public Works Manager Devin Shields)**

Devin Shields, Public Works Superintendent presented the Council with the proposed Park Board recommendations for park rules for Willow Grove Park. Council reviewed the proposed recommendations. No action was taken.

- 9. Receive project status report on Main Street Project, Phase 1 and take action for infrastructure acceptance. (City Engineer Halff & Associates)**

Council received an updated from Brian Haynes with Halff & Associates with respect to Main Street Project, Phase 1. Council stated that they wanted the punch list items completed before the City accept the project.

10. Receive project revisions on Main Street Project, Phase 2 and give staff direction on acceptance of bid documents from Quality Excavation (City Engineer Halff & Associates).

Council reviewed Main Street Project, Phase 2 revisions. Council agreed that Main Street Phase 2 should be complete. Council directed staff to prepare the necessary documents to bring back for approval.

11. Discuss financing of Main Street Project, Phase 1 and Phase 2 and give staff direction on preparation on issuance of a Certificate of Obligation (City Manager Matt Shaffstall)

City Manager Matt Shaffstall presented the Council with several options on how to finance the Main Street Project, Phase 1 and 2. He stated that the best option would be to issuance of a Certificate of Obligation. He stated that the Council could start the process at the next Council meeting. Council directed staff to start the process on the issuance of a Certificate Of Obligation for Main Street Project, Phase 1 and 2.

13. Discussion mowing and maintenance of public right-of-way

Council discussed mowing and maintenance of the public right-of-way, no action was taken.

14. Mayor & Council Member Announcements.

No Council announcements.

15. Executive Session: Conduct a closed meeting pursuant to Texas Government Code section 551.072 – Deliberation regarding Real Property- deliberate the purchase, exchange, lease, or value of real property being a portion of Lot 2, Block B, Garza Beach Estates, Lake Dallas, Texas.

Council convene into Executive Session at 10:07 p.m.

16. Reconvene into Open Session and take appropriate action, if any, regarding the matter(s) discussed in Executive Session.

Council reconvene into Open Session at 10:22 p.m.

Motion I move the City Manager, City Secretary and City Attorney be authorized to take such actions and enter such agreements as reasonable and necessary to purchase a 696 square foot tract of land out of the property located at 517 Stadium for an amount not to exceed \$5000 plus customary closing costs paid by both buyer and seller, including costs of surveys, title polices, and recording fees was made by Councilmember Price and second by Councilmember Brownlee.

Ayes: Councilmembers Ray, Brownlee Forgey, Price, and Nolan

Noes: None

Motion Passed

Mayor Barnhart adjourned the meeting at 10:24 p.m.

Approved

Michael Barnhart, Mayor

Attest:

Codi Delcambre, City Secretary

ORDINANCE NO. 2017-XX

AN ORDINANCE OF THE CITY OF LAKE DALLAS, TEXAS, AMENDING THE PARK RULES FOR WILLOW GROVE PARK; PROVIDING A SEVERABILITY CLAUSE, PROVIDING A SAVINGS CLAUSE; PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO THOUSAND (\$2,000.00) DOLLARS FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Willow Grove Park ("the Park") is a public park operated and maintained by the City of Lake Dallas ("the City") on property owned by and leased from the Federal government through the United States Army Corps of Engineers ("the Corps") under the terms of a lease agreement between the Corps and the City dated and effective November 15, 2010 ("the Lease"); and

WHEREAS, use of the Park is subject to rules and regulations adopted by the Secretary of the Army with which the City must comply and which must be enforced with respect to those using the Park; and

WHEREAS, in accordance with Section 74-73 of the City of Lake Dallas Code of Ordinances, the City Council of the City of Lake Dallas, Texas, finds it to be in the public interest to amend the rules governing the use of the Park;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LAKE DALLAS, TEXAS, THAT:

SECTION 1.

Pursuant to Section 74-73 of the City of Lake Dallas Code of Ordinances, the rules governing the use of Willow Grove Park ("the Park Rules") are hereby amended to read in their entirety as set forth in Exhibit "A," attached hereto and incorporated herein by reference.

SECTION 2.

The Park Rules shall supplement, but not amend, the provisions of Article III and Article IV of Chapter 74 of the City of Lake Dallas Code of Ordinances. To the extent of any irreconcilable conflict with the Park Rules and the provisions of the Code of Ordinances, the provisions of the Code of Ordinances shall control.

SECTION 3.

Should any sentence, paragraph, subdivision, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid the same shall not affect the validity of this ordinance as a whole, or any part or provision thereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Comprehensive Zoning Ordinance as a whole.

SECTION 4.

An offense committed before the effective date of this ordinance is governed by the prior version of the Park Rules and the Code of Ordinances, as amended in effect when the offense was committed and the former Park Rules and law are continued in effect for this purpose.

SECTION 5.

Any person, firm or corporation violating any of the provisions or the Park Rules shall be subject to the same penalty as provided for in the Code of Ordinances of the City of Lake Dallas, as heretofore amended, and upon conviction shall be punished by a fine not to exceed the sum of Five Hundred (\$500.00) Dollars for each offense; and each and every day such violation shall continue shall be deemed to constitute a separate offense.

SECTION 6.

This ordinance shall take effect immediately from and after its passage and the publication of the caption as the law and charter in such cases provides.

PASSED AND APPROVED this 8th day of June, 2017

Michael Barnhart
Mayor

ATTEST:

APPROVED AS TO FORM:

Codi Delcambre, TRMC
City Secretary

Kevin B. Laughlin
City Attorney

ORDINANCE NO. 2017-_____
EXHIBIT "A"

City of Lake Dallas, Texas
Park Rules and Regulations for Willow Grove Park

Preamble: Willow Grove Park ("the Park") is a public park operated and maintained by the City of Lake Dallas ("the City") on property owned by and leased from the Federal government through the United States Army Corps of Engineers ("the Corps"). Under the terms of the lease agreement between the Corps and the City dated and effective November 15, 2010 ("the Lease"), use of the Park is subject to rules and regulations adopted by the Secretary of the Army with which the City must comply and which must be enforced with respect to those using the Park. The Willow Grove Park Rules that follow ("the Park Rules") are adopted pursuant to City of Lake Dallas Ordinance No. 2017-_____ in accordance with the Lease and pursuant to Section 74-73 of the City of Lake Dallas Code of Ordinances. These Park Rules are intended to implement and enforce as well as supplement the provisions of Article III and Article IV of the City of Lake Dallas. In the event of any conflict between these rules and the provisions of the Code of Ordinances, the provisions in the Code of Ordinances shall control.

I. General Rules

1. The Park's operating hours are from 6 a.m. to 10 p.m. No person shall be in the Park outside of the Park's operating hours except when located within an overnight campsite for which all required rental fees have been paid. (See Code of Ordinances sec. 74-75(17))
2. Camping, swimming, fishing, and boat use is prohibited in any area of the Park except for- the areas designated for such activities. (See Code of Ordinances sec. 74-75(10))
3. Campfires shall be confined to the grill or fire ring provided at each site. Fires shall not be left unattended. Fires must be completely extinguished prior to leaving a campsite unattended. (See Code of Ordinances sec. 74-75(7), sec. 74-114(a)(10))
4. Gathering of firewood within the Park, including any of its trail systems, is prohibited. (See Code of Ordinances sec. 74-75(5))
5. Prohibited items not allowed in the park or trail system include; loaded firearms, ammunition, fire devices, fireworks, and glass containers. (See Code of Ordinances sec. 74-114(a)(6) and 36 C.F.R. §327.13)
6. Consumption of alcoholic beverages is limited to campsites and picnic areas. Open consumption of alcoholic beverages along the trail system or with 15 feet of a roadway is strictly prohibited. (See Code of Ordinances sec. 74-114(a)(11))

7. No littering, dumping, or discarding of any trash or debris except in appropriate containers is allowed anywhere in the Park or trail system. (See Code of Ordinances sec. 74-114(a)(3))
8. Any vehicle, recreational vehicle, boat or trailer in violation of Park rules is subject to citation or towing at the owner's expense.
9. Guests who violate any city ordinance or park regulations maybe expelled from the Park, have their permits rescinded, have their current or future reservations canceled, and be subject to a criminal trespassing warning. (See Code of Ordinances sec. 74-115)
10. Any individual receiving a criminal trespass warned shall be prohibited from using the Park, making camping reservations, and have any permits rescinded for the remainder of the calendar year.
11. In addition to other applicable Federal, State, and City laws, regulations, and ordinances, every person entering the Park shall comply with these Park Rules and the provisions of Chapter 74, Articles III and IV of the City of Lake Dallas Code of Ordinances as amended from time to time.

II. Vehicles & Parking

1. Parking is limited to parking lots. No parking on the grass. (See Code of Ordinances sec. 74-74 and sec. 74-114(a)(1))
2. All vehicles within the park must have a valid day-use permit, daily entry fee receipt, or valid camping permit displayed on the windshield.
3. Only vehicles with valid camping permits, or camping permit receipts may be in the park between the hours of 10 p.m. and 6 a.m. the following day.
4. No detached trailers or boats may be parked in the general parking lot after close of park operating hours.
5. No recreational vehicles or camping trailers may be parked in the general parking lot at any time.
6. Off-road vehicles are prohibited. No off-road driving with any motorized vehicle of any type is permitted in the park or trail system. (See Code of Ordinances 74-114(a)(1))
7. Any vehicle, recreational vehicle, boat or trailer in violation of park rules is subject to citation or towing at the owner's expense. (See Code of Ordinances sec. 74-74)
8. All recreational vehicles must be operable and properly registered with the appropriate Department of Motor Vehicles.

III. Animals & Pets

1. All pets within the Park must be on a leash. (See Code of Ordinances sec. 74-114(a)(5) A leash to which a pet is tied within the campsite shall not allow the pet to stray beyond the boundary of the campsite or within 10 feet of a roadway.
2. Pet waste must be collected and properly disposed of by the persons in control of the pet. (See Code of Ordinances sec. 74-75(9))

IV. Daily Use

1. Seasonal day-use permits may be obtained from City Hall during regular business hours.
2. Daily entry fee receipts may be obtained at the kiosk located at the entrance to the Park.

V. Camping Regulations

1. Camping within the Park is only permitted with a valid permit. Camping permits must be displayed at each campsite.
2. Camping is limited to designated campsites. No off-trail camping is permitted.
3. Camping reservations may be made on-line through the City's website or at www.willowgroveparkonline.com
4. No one under the age of 18 years may rent at campsite. Persons under the age of 18 must have an adult on site at all times. One adult is required to accompany juvenile campers one a ratio of one (1) adult for every nine (9) juveniles.
5. Quiet hours will be observed from 10 p.m. until 6 a.m. No loud music, voices, or disruptions that can be heard beyond the campsite.
6. Check-in for reservations is at 1 p.m. the first day of the reservation.
7. Check-out for reservation is 12 p.m. (noon) the last day of the reservation.
8. Campers and their visitors are required to clean up the campsite before leaving the campsite. All trash and debris must be placed in the appropriate containers and all personal item must be removed. Failure to leave a clean campsite may result in forfeiture of camping deposit and denial of future reservations.

9. Failure to obey park rules, vacate the campsite by check-out time, or leave a clean campsite will result in a forfeiture of camping reservation deposit and may result in denial of future campsite use.
10. Reservations will be limited to no more than fourteen (14) consecutive days in a thirty (30) day period. Reservations may not be split between primitive (tent) and premium (RV) sites or between different names in the same party in order to avoid the camping days' limitation.
11. A minimum of twenty-one (21) consecutive days is required between reservations for the same person or group.

VI. Primitive Camping (Tent Sites)

1. No more than two tents may be located on a per primitive campsite.
2. No more than 10 guests may at any time occupy a primitive campsite, which limitation shall include people visiting the person who has reserved the campsite.
3. All campsite visitors (i.e. people not listed on the campsite reservation) must leave the campsite by 10 p.m.
4. A primitive campsite permit includes overnight stay for one (1) vehicle. A camping permit or receipt for a camping permit must be displayed in the windshield of the vehicle. Permits may be purchased for additional vehicles.

VII. Premium Camping (RV Sites)

1. No more than one (1) recreational vehicle or towable camper and one (1) tent or two (2) tents may be located on a premium campsite.
2. No more than 10 guests may at any time occupy a premium campsite, which limitation shall include people visiting the person who has reserved the campsite.
3. All campsite visitors (i.e. people not listed on the campsite reservation) must leave by 10 p.m.
4. A premium campsite permit includes overnight stay for one (1) vehicle and one (1) recreational vehicle. A camping permit or receipt for a camping permit must be displayed in the windshield of the vehicle. Vehicles should be parked at the assigned premium campsite. Permits may be purchased for additional vehicles.
5. All towable trailers must be properly registered with the appropriate Department of Motor Vehicles. Guests must have the ability to remove a towable camping trailer at any time during the reservation.

VIII. Refund Policy

The City of Lake Dallas does not provide refunds for stays that have already occurred unless a campground related problem with the control of the City that negatively impacted the camper's stay existed that could not be fixed or resolved. In that event, consideration is given on a case-by-case basis. Refunds for future reservations must be cancelled not later than forty-eight (48) hours prior to the first scheduled day in order to qualify for a refund for camping fees. Refunds for future reservations that have been cancelled when no problem existed shall without exception be one-half the original reservation fee paid. All refunds including deposits shall be processed in accordance with the City's finance policies and procedures and will be mailed to the confirmed address given at time of reservation/check-in.

IX. Boat Ramp

1. A boat ramp is available for visitors to the park.
2. Visitors using the boat ramp must have either a boat launch permit or daily boat launch receipt. A boat launch permit or daily boat launch receipt must be displayed in the windshield of the vehicle.
3. Seasonal boat launch permits may be obtained from the City during regular business hours.

X. Pavilion Rentals

1. Use of the Willow Grove Park pavilion is available through reservations only. Pavilion reservations may be made on-line through the City website or at www.willowgroveparkonline.com
2. A pavilion reservation includes use of the pavilion from 6 a.m. to 10 p.m. and includes the covered pavilion picnic tables and grill.
3. All pavilion visitors must leave by 10 p.m.
4. Pavilion rental does not include additional parking. Visitors to the pavilion must still obtain day use permit or daily entry fee receipt.
5. Pavilion rental includes exclusive use of the volleyball court, sandpit, or exterior picnic tables.

XI. City Rights and Privileges

In addition to the authority the City maintains under State law and City ordinances with respect to the issuance of citations and/or arrest of people violating State and City laws and ordinances, the City of Lake Dallas, through its officers and agents, reserves the right to eject persons from the Park, revoke permits, and/or terminate reservations when guests engage in inappropriate behavior or violate laws, rules, and regulations. In the event of the foregoing, the refund policy shall apply except that fees and all deposits for stays that have occurred in a whole in a part shall be forfeited. When it becomes necessary to enforce rules and laws to ensure the tranquility of the park, enforcement shall be by citations and/or arrests as deemed necessary by officers of the Lake Dallas Police Department.

City of Lake Dallas, Texas
Park Rules and Regulations for Willow Grove Park

Preamble: Willow Grove Park (“the Park”) is a public park operated and maintained by the City of Lake Dallas (“the City”) on property owned by and leased from the Federal government through the United States Army Corps of Engineers (“the Corps”). Under the terms of the lease agreement between the Corps and the City dated and effective November 15, 2010 (“the Lease”), use of the Park is subject to rules and regulations adopted by the Secretary of the Army with which the City must comply and which must be enforced with respect to those using the Park. The Willow Grove Park Rules that follow (“the Park Rules”) are adopted pursuant to City of Lake Dallas Ordinance No. 2017-____ in accordance with the Lease and pursuant to Section 74-73 of the City of Lake Dallas Code of Ordinances. These Park Rules are intended to implement and enforce as well as supplement the provisions of Article III and Article IV of the City of Lake Dallas. In the event of any conflict between these rules and the provisions of the Code of Ordinances, the provisions in the Code of Ordinances shall control.

I. General Rules

1. The Park’s operating hours are from 6 a.m. to 10 p.m. No person shall be in the Park outside of the Park’s operating hours except when located within an overnight campsite for which all required rental fees have been paid. (See Code of Ordinances sec. 74-75(17))
2. Camping, swimming, fishing, and boat use is prohibited in any area of the Park except for the areas designated for such activities. (See Code of Ordinances sec. 74-75(10))
3. Campfires shall be confined to the grill or fire ring provided at each site. Fires shall not be left unattended. Fires must be completely extinguished prior to leaving a campsite unattended. (See Code of Ordinances sec. 74-75(7), sec. 74-114(a)(10))
4. Gathering of firewood within the Park, including any of its trail systems, is prohibited. (See Code of Ordinances sec. 74-75(5))
5. Prohibited items not allowed in the park or trail system include; loaded firearms, ammunition, fire devices, fireworks, and glass containers. (See Code of Ordinances sec. 74-114(a)(6) and 36 C.F.R. §327.13)
6. Consumption of alcoholic beverages is limited to campsites and picnic areas. Open consumption of alcoholic beverages along the trail system or with 15 feet of a roadway is strictly prohibited. (See Code of Ordinances sec. 74-114(a)(11))
7. No littering, dumping, or discarding of any trash or debris except in appropriate containers is allowed anywhere in the Park or trail system. (See Code of Ordinances sec. 74-114(a)(3))
8. Any vehicle, recreational vehicle, boat or trailer in violation of Park rules is subject to citation or towing at the owner’s expense.
9. Guests who violate any city ordinance or park regulations maybe expelled from the Park, have their permits rescinded, have their current or future reservations canceled, and be subject to a criminal trespassing warning. (See Code of Ordinances sec. 74-115)
10. Any individual receiving a criminal trespass warned shall be prohibited from using the Park, making camping reservations, and have any permits rescinded for the remainder of the calendar year.

Commented [KL1]: Covered and expanded in Preamble.

Commented [KL2]: Covered under “Vehicles”.

Commented [KL3]: Covered under “Vehicles”.

11. In addition to other applicable Federal, State, and City laws, regulations, and ordinances, every person entering the Park shall comply with these Park Rules and the provisions of Chapter 74, Articles III and IV of the City of Lake Dallas Code of Ordinances as amended from time to time.

II. Vehicles & Parking

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4. No detached trailers or boats may be parked in the general parking lot after close of park operating hours.
5. No recreational vehicles or camping trailers may be parked in the general parking lot at any time.
6. Off-road vehicles are prohibited. No off-road driving with any motorized vehicle of any type is permitted in the park or trail system. (See Code of Ordinances 74-114(a)(1))
7. Any vehicle, recreational vehicle, boat or trailer in violation of park rules is subject to citation or towing at the owner's expense. (See Code of Ordinances sec. 74-74)
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1. All pets within the Park must be on a leash. (See Code of Ordinances sec. 74-114(a)(5) A leash to which a pet is tied within the campsite shall not allow the pet to stray beyond the boundary of the campsite or within 10 feet of a roadway.
2. Pet waste must be collected and properly disposed of by the persons in control of the pet. (See Code of Ordinances sec. 74-75(9))

IV. Daily Use

1. Seasonal day-use permits may be obtained from City Hall during regular business hours.
2. Daily entry fee receipts may be obtained at the kiosk located at the entrance to the Park.

Commented [KL4]: Covered under "Vehicles".

Commented [KL5]: Covered under "Vehicles".

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3. Camping reservations may be made on-line through the City's website or at www.willowgroveparkonline.com
4. No one under the age of 18 years may rent at campsite. Persons under the age of 18 must have an adult on site at all times. One adult is required to accompany juvenile campers one a ratio of one (1) adult for every nine (9) juveniles.

5. Quiet hours will be observed from 10 p.m. until 6 a.m. No loud music, voices, or disruptions that can be heard beyond the campsite.
6. Check-in for reservations is at 1 p.m. the first day of the reservation.
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5. All towable trailers must be properly registered with the appropriate Department of Motor Vehicles. Guests must have the ability to remove a towable camping trailer at any time during the reservation.

Commented [KL6]: Covered under "Vehicles".

VIII. Refund Policy

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3. Seasonal boat launch permits may be obtained from the City during regular business hours.

Commented [KL7]: Covered under "Vehicles".

X. Pavilion Rentals

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3. All pavilion visitors must leave by 10 p.m.
4. Pavilion rental does not include additional parking. Visitors to the pavilion must still obtain day use permit or daily entry fee receipt.
5. Pavilion rental includes exclusive use of the volleyball court, sandpit, or exterior picnic tables.

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Long-Term Debt Service Project: Adding Main Street Phase 1 & Phase 2

Same Combine Rate (\$0.668068) - 2.5% Growth	Existing Debt Service	Lease Purchase	New D/S: Series 2017 Main Street Phase 1 & 2		Less CDC Contribution	Less Fund Balance/ Operating Transfer Contribution	Debt Service Requirement	Projected Tax Base (Adjusted Value)	Projected I&S	Previous Year M&O	Projected Combined Ad Valorem (Property) Tax Rate
FY 2017-18	\$ 659,364	\$ 112,694	\$ 45,892		\$ 309,480	\$ 25,613	\$ 482,858	\$ 409,746,797	\$ 0.117843	\$ 0.550225	\$ 0.668068
FY 2018-19	\$ 507,470	\$ 112,694	\$ 47,540		\$ 208,843		\$ 458,861	419,990,467	\$0.109255	0.550225	\$0.659480
FY 2019-20	\$ 505,142	\$ 112,694	\$ 47,083		\$ 204,928		\$ 458,861	430,490,229	\$0.106590	0.550225	\$0.656815
FY 2020-21	\$ 502,528	\$ 76,339	\$ 46,588		\$ 207,678		\$ 459,992	441,252,485	\$0.104247	0.550225	\$0.654472
FY 2021-22	\$ 439,490	\$ 76,339	\$ 46,055		\$ 187,833		\$ 417,777	452,283,797	\$0.092371	0.550225	\$0.642596
FY 2022-23	\$ 351,929	\$ 100,000	\$ 45,470		\$ 164,489		\$ 374,051	463,590,892	\$0.080686	0.550225	\$0.630911
FY 2023-24	\$ 350,082	\$ 100,000	\$ 44,833		\$ 162,063		\$ 332,910	475,180,664	\$0.070060	0.550225	\$0.620285
FY 2024-25	\$ 352,813	\$ 100,000	\$ 44,158		\$ 164,504		\$ 332,853	487,060,181	\$0.068339	0.550225	\$0.618564
FY 2025-26	\$ 354,909	\$ 100,000	\$ 48,384		\$ 166,599		\$ 332,468	499,236,685	\$0.066595	0.550225	\$0.616820
FY 2026-27	\$ 226,369	\$ 100,000	\$ 47,509		\$ 85,224		\$ 336,694	511,717,602	\$0.065797	0.550225	\$0.616022
FY 2027-28	\$ 227,707	\$ 125,000	\$ 46,590		\$ 87,029		\$ 288,654	524,510,542	\$0.055033	0.550225	\$0.605258
FY 2028-29	\$ 88,621	\$ 125,000	\$ 45,228		\$ 88,621		\$ 312,268	537,623,306	\$0.058083	0.550225	\$0.608308
FY 2029-30	\$ -	\$ 125,000	\$ 44,639				\$ 170,228	551,063,889	\$0.030891	0.550225	\$0.581116
FY 2030-31	\$ -	\$ 125,000	\$ 48,560				\$ 169,639	564,840,486	\$0.030033	0.550225	\$0.580258
FY 2031-32	\$ -	\$ 125,000	\$ 47,380				\$ 173,560	578,961,498	\$0.029978	0.550225	\$0.580203
FY 2032-33	\$ -	\$ 150,000	\$ 46,170				\$ 172,380	593,435,535	\$0.029048	0.550225	\$0.579273
FY 2033-34	\$ -	\$ 150,000	\$ 44,940				\$ 196,170	608,271,424	\$0.032250	0.550225	\$0.582475
FY 2034-35	\$ -	\$ 150,000	\$ 48,612				\$ 194,940	623,478,209	\$0.031267	0.550225	\$0.581492
FY 2035-36	\$ -	\$ 150,000	\$ 47,183				\$ 198,612	639,065,165	\$0.031079	0.550225	\$0.581304
FY 2036-37	\$ -	\$ 150,000	\$ 45,732				\$ 197,183	655,041,794	\$0.030102	0.550225	\$0.580327

*2.5% Growth
6/1/17 Est.

Long Term Debt Service Projection: Adding Main Street Phase 1 & 2 and Shady Shores Road

Same Combine Rate (\$0.668068) - 2.5% Growth	Existing Debt Service	Lease Purchase	New D/S: Series 2017 Main Street Phase 1 & 2	New D/S: Series 2017 Shady Shores Rd	Less CDC Contribution	Less Fund Balance/ Operating Transfer Contribution	Debt Service Requirement	Projected Tax Base (Adjusted Value)	Projected I&S	Previous Year M&O	Projected Combined Ad Valorem (Property) Tax Rate
FY 2017-18	\$ 659,364	\$ 112,694	\$ 45,892		\$ 309,480	\$ 25,613	\$ 482,858	\$ 409,746,797	\$ 0.117843	\$ 0.550225	\$ 0.668068
FY 2018-19	\$ 507,470	\$ 112,694	\$ 47,540	\$ 36,068	\$ 208,843		\$ 494,929	419,990,467	\$0.117843	0.550225	\$0.668068
FY 2019-20	\$ 505,142	\$ 112,694	\$ 47,083	\$ 133,104	\$ 204,928	\$ 85,793	\$ 507,303	430,490,229	\$0.117843	0.550225	\$0.668068
FY 2020-21	\$ 502,528	\$ 76,339	\$ 46,588	\$ 133,104	\$ 210,000	\$ 28,574	\$ 519,985	441,252,485	\$0.117843	0.550225	\$0.668068
FY 2021-22	\$ 439,490	\$ 76,339	\$ 46,055	\$ 133,104	\$ 162,003		\$ 532,985	452,283,797	\$0.117843	0.550225	\$0.668068
FY 2022-23	\$ 351,929	\$ 100,000	\$ 45,470	\$ 274,188	\$ 225,278		\$ 546,309	463,590,892	\$0.117843	0.550225	\$0.668068
FY 2023-24	\$ 350,082	\$ 100,000	\$ 44,833	\$ 274,188	\$ 209,136		\$ 559,967	475,180,664	\$0.117843	0.550225	\$0.668068
FY 2024-25	\$ 352,813	\$ 100,000	\$ 44,158	\$ 274,188	\$ 197,192		\$ 573,967	487,060,181	\$0.117843	0.550225	\$0.668068
FY 2025-26	\$ 354,909	\$ 100,000	\$ 48,384	\$ 274,188	\$ 189,165		\$ 588,316	499,236,685	\$0.117843	0.550225	\$0.668068
FY 2026-27	\$ 226,369	\$ 100,000	\$ 47,509	\$ 274,188	\$ 45,043		\$ 603,023	511,717,602	\$0.117843	0.550225	\$0.668068
FY 2027-28	\$ 227,707	\$ 125,000	\$ 46,590	\$ 274,188	\$ 55,386		\$ 618,099	524,510,542	\$0.117843	0.550225	\$0.668068
FY 2028-29	\$ 88,621	\$ 125,000	\$ 45,228	\$ 274,188			\$ 533,037	537,623,306	\$0.099147	0.550225	\$0.649372
FY 2029-30	\$ -	\$ 125,000	\$ 44,639	\$ 274,188			\$ 443,827	551,063,889	\$0.080540	0.550225	\$0.630765
FY 2030-31	\$ -	\$ 125,000	\$ 48,560	\$ 274,188			\$ 447,748	564,840,486	\$0.079270	0.550225	\$0.629495
FY 2031-32	\$ -	\$ 125,000	\$ 47,380	\$ 274,188			\$ 446,568	578,961,498	\$0.077133	0.550225	\$0.627358
FY 2032-33	\$ -	\$ 150,000	\$ 46,170	\$ 274,188			\$ 470,358	593,435,535	\$0.079260	0.550225	\$0.629485
FY 2033-34	\$ -	\$ 150,000	\$ 44,940	\$ 274,188			\$ 469,128	608,271,424	\$0.077125	0.550225	\$0.627350
FY 2034-35	\$ -	\$ 150,000	\$ 48,612	\$ 274,188			\$ 472,800	623,478,209	\$0.075833	0.550225	\$0.626058
FY 2035-36	\$ -	\$ 150,000	\$ 47,183	\$ 274,188			\$ 471,371	639,065,165	\$0.073759	0.550225	\$0.623984
FY 2036-37	\$ -	\$ 150,000	\$ 45,732	\$ 274,188			\$ 469,920	655,041,794	\$0.071739	0.550225	\$0.621964
FY 2037-38	\$ -	\$ 150,000		\$ 274,188			\$ 424,188	671,417,839	\$0.063178	0.550225	\$0.613403
FY 2038-339	\$ -			\$ 274,188			\$ 274,188	688,203,285	\$0.039841	0.550225	\$0.590066

Assumes \$4 million, with 3% issuance cost at 3% over 20 Ye *2.5% Growth

Assumes Phase 1 of \$2 million in FY 19, and Phase 2 of \$2 million in FY 21



**CITY COUNCIL
AGENDA MEMO**

Prepared By: Codi Delcambre, City Secretary

June 8, 2017

Purchase of USTI Accounting Software

DESCRIPTION:

Consider and Act on a Resolution authorizing the purchase of governmental accounting and finance software with United Systems Technology Inc. not to exceed \$22,500; authorizing the City Manager to execute all documents related thereto on behalf of the City of Lake Dallas and providing an effective date.

BACKGROUND INFORMATION:

Abila, the current accounting software that the City uses is not a municipal government accounting software. Abila is very out dated and doesn't provided the financial information that the City really needs. The City needs an accounting software that allows for fund accounting, cash collections, payroll, budgeting and fixed assets. USTI is a municipal government accounting software which allows for fund accounting and cash collections. USTI also has a Code Enforcement, Animal Licenses, Building Permits, Business Licenses and Budget modules. Currently the City uses different programs and/or spreadsheets that are unable to talk with each other so that employees are have to do double entry.

FINANCIAL CONSIDERATION:

The cost to purchase, host and go live will be \$22,004.00. This will be a one-time capital purchase.

RECOMMENDED MOTIONS:

I move to approve/deny a Resolution authorizing the purchase of governmental accounting and finance software with United Systems Technology Inc. not to exceed \$22,500; authorizing the City Manager to execute all documents related thereto on behalf of the City of Lake Dallas and providing an effective date.

ATTACHMENT(S):

Resolution

Quote for USTI