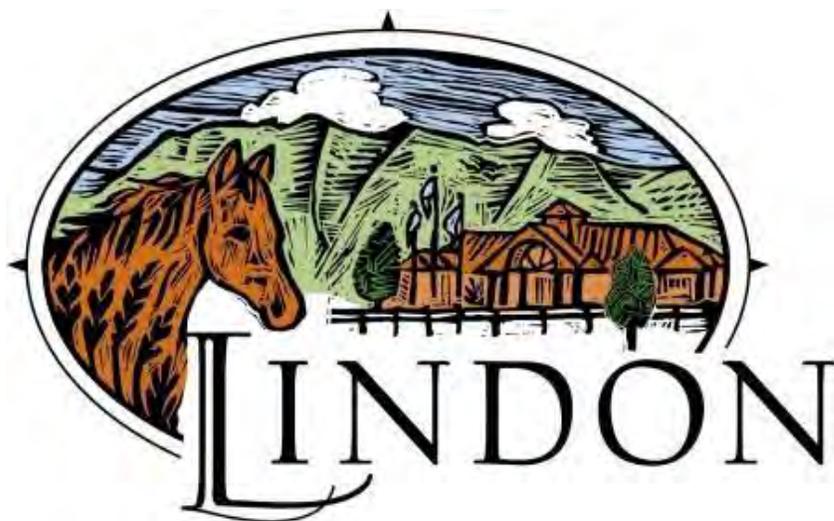


Lindon City Council Staff Report



Prepared by Lindon City
Administration

January 17, 2017

Notice of Meeting of the Lindon City Council



The Lindon City Council will hold a regularly scheduled meeting beginning at 7:00 p.m. on Tuesday, January 17, 2017 in the Lindon City Center council chambers, 100 North State Street, Lindon, Utah. The agenda will consist of the following:

Scan or click here for link to
download agenda & staff
report materials:



(Review times are estimates only)

- REGULAR SESSION – 7:00 P.M.** - Conducting: Jeff Acerson, Mayor
- Pledge of Allegiance: By Invitation
Invocation: Jeff Acerson
- 1. Call to Order / Roll Call**
 - 2. Presentations and Announcements**
 - a) Comments / Announcements from Mayor and Council members
 - 3. Approval of minutes:** January 3, 2017
 - 4. Consent Agenda – No Items**
 - 5. Open Session for Public Comment** *(For items not on the agenda)*
 - 6. Public Hearing — Resolution #2017-4-R; FY2017 Budget & Fee Sched. Amendment** *(30 mins)*
Lindon City Staff will present Resolution #2017-4-R outlining proposed FY2017 budget and fee schedule amendments.
 - 7. Recess to Lindon City Redevelopment Agency Meeting (RDA)**
 - 8. Review & Action — Aquatics Center Lighting Bid Award**
The Council will review and consider bids received for lighting of the Aquatics Center enabling later hours of pool use and increased rental times. Staff recommends approval of the low bid to Alliant Electric for \$112,000.
 - 9. Major Subdivision — Anderson Farms Subdivision, Plat B, ~330 North 1500 West**
Ken Watson, on behalf of Ivory Development, LLC, seeks preliminary plan approval of a forty-eight (48) lot (and one parcel “A”) subdivision, including dedication of public streets, at approximately 330 North 1500 West, in the Anderson Farms Planned Development (AFPD) zone.
 - 10. Concept Review – Legacy Plaza, 730 N. State Street**
Roy Morgan, Roy’s Auto Services, requests feedback on proposed improvements and zoning for automotive repair at 730 N. State Street. The property is currently in the General Commercial (CG) zone. General Auto/Vehicle Repair is not a permitted use in the CG zone. As a concept review, feedback is requested but no formal action will be taken.
 - 11. Review & Action — Resolution #2017-5-R; Grant Funding for North Union Canal Piping**
The Council will review and consider Resolution #2017-5-R supporting submittal of the WaterSMART: Water and Energy Efficiency Grant and committing \$300,000 in grant match funding for piping of significant sections of the North Union Canal in order to maintain this system improvement and reduce water loss.
 - 12. Discussion Item — Road Maintenance Funding**
The Council will discuss current road maintenance funding sources and review options and considerations for additional sources of road maintenance funding, including a potential Transportation Utility Fee as has been created in Provo, Vineyard, and Pleasant View and contemplated by many other cities. No motion will be made on this discussion item.
 - 13. Council Reports:**

(2 minutes)

(10 minutes)

(5 minutes)

(10 minutes)

(10 minutes)

(10 minutes)

(20 minutes)

(10 mins)

(30 mins)

(20 minutes)

- A) MAG, COG, UIA, Utah Lake Commission, ULCT, NUVAS, IHC Outreach, Budget Committee
- B) Public Works, Irrigation/water, City Buildings
- C) Planning, BD of Adjustments, General Plan, Budget Committee
- D) Parks & Recreation, Trails, Tree Board, Cemetery
- E) Public Safety, Court, Lindon Days, Transfer Station/Solid Waste
- F) Admin., Community Center, Historic Comm., PG/Lindon Chamber, Budget Committee

- Jeff Acerson

- Van Broderick

- Matt Bean

- Carolyn Lundberg

- Dustin Sweeten

- Jacob Hoyt

14. Administrator's Report

(10 minutes)

Adjourn

This meeting may be held electronically to allow a council member to participate by video conference or teleconference. Staff Reports and application materials for the agenda items above are available for review at the Lindon City Offices, located at 100 N. State Street, Lindon, UT. For specific questions on agenda items our staff may be contacted directly at (801)785-5043. City Codes and ordinances are available on the City web site found at www.lindoncity.org. The City of Lindon, in compliance with the Americans with Disabilities Act, provides accommodations and auxiliary communicative aids and services for all those citizens in need of assistance. Persons requesting these accommodations for city-sponsored public meetings, services programs or events should call Kathy Moosman at 801-785-5043, giving at least 24 hours notice.

CERTIFICATE OF POSTING:

I certify that the above notice and agenda was posted in three public places within the Lindon City limits and on the State (<http://pmn.utah.gov>) and City (www.lindoncity.org) websites.

Posted by: /s/ Kathy A. Moosman, City Recorder

Date: January 13, 2017

Time: 3:30 p.m.

Place: Lindon City Center, Lindon Police Dept., Lindon Community Center

REGULAR SESSION – 7:00 P.M. - Conducting: Jeff Acerson, Mayor

Pledge of Allegiance: By Invitation

Invocation: Jeff Acerson

Item 1 – Call to Order / Roll Call

January 17, 2017 Lindon City Council meeting.

Jeff Acerson
Matt Bean
Van Broderick
Jake Hoyt
Carolyn Lundberg
Dustin Sweeten

Staff present: _____

Item 2 – Presentations and Announcements

- a) Comments / Announcements from Mayor and Council members.

Item 3 – Approval of Minutes

- Review and approval of City Council minutes: **January 3, 2017**

2 The Lindon City Council held a regularly scheduled meeting on **Tuesday, January 3,**
4 **2017, beginning at 7:00 p.m.** in the Lindon City Center, City Council Chambers, 100
North State Street, Lindon, Utah.

6 **REGULAR SESSION** – 7:00 P.M.

8 Conducting: Jeff Acerson, Mayor
Pledge of Allegiance: Cody Cullimore, Chief of Police
10 Invocation: Van Broderick, Councilmember

12 **PRESENT**

EXCUSED

12 Jeff Acerson, Mayor
14 Van Broderick, Councilmember
14 Matt Bean, Councilmember
16 Carolyn Lundberg, Councilmember
16 Jacob Hoyt, Councilmember
18 Dustin Sweeten, Councilmember
18 Adam Cowie, City Administrator
20 Cody Cullimore, Chief of Police
20 Kathryn Moosman, City Recorder

- 22 1. **Call to Order/Roll Call** – The meeting was called to order at 7:00 p.m.
- 24 2. **Presentations/Announcements** –
- 26 a) **Mayor/Council Comments** – There were no announcements at this time.
- 28 b) **Character Connection** – Cathy Allred was in attendance to present to the
- 30 Mayor and City Council the accomplishments and activities that occurred
- during the 2016 Lindon Character Connection program.

32 Cathy Allred was in attendance to present the accomplishments that occurred
34 during 2016 for the Lindon Character Connection program. Ms. Allred then gave a brief
34 history about the Character Connection Program. She then presented the Character
36 Connection calendars and posters to the Mayor and Council. She also recognized the
36 principal from Lindon Elementary Kate Ross, and Mr. Williams from Wasatch Mental
38 Health. Ms. Allred then announced and invited the winning students forward and
38 presented the awards as follows: Isabelle Murri, Emmaline Jones, Alonzo Sandoval,
40 Sophie McSpadden, Brooke Hintze, Marcus Chadburn, Kennedy Jensen, Laynie Allred,
40 Elena Campos, Gavin Smith, Kaitlyn Hill and Lauren Miles. Following the presentation,
42 Mayor Acerson and the Council congratulated the students and thanked Mrs. Allred for
42 her good works and service to the community with the Character Connection Program.

- 44 3. **Approval of Minutes** – The minutes of the regular meeting of the City Council
46 meeting of December 20, 2016 were reviewed.

2 COUNCILMEMBER BRODERICK MOVED TO APPROVE THE MINUTES
OF THE REGULAR CITY COUNCIL MEETING OF DECEMBER 20, 2016 AS
4 PRESENTED. COUNCILMEMBER SWEETEN SECONDED THE MOTION. THE
VOTE WAS RECORDED AS FOLLOWS:

- 6 COUNCILMEMBER BEAN AYE
 - COUNCILMEMBER LUNDBERG AYE
 - 8 COUNCILMEMBER BRODERICK AYE
 - COUNCILMEMBER HOYT AYE
 - 10 COUNCILMEMBER SWEETEN AYE
- THE MOTION CARRIED UNANIMOUSLY.

- 12 4. **Consent Agenda** – No items.
- 14 5. **Open Session for Public Comment** – Mayor Acerson called for any public
- 16 comment not listed as an agenda item.

18 James Henry, General Contractor, addressed the Council at this time. Mr. Henry
mentioned his concerns with an issue with a sidewalk drive approach at a home he is
20 currently building in Lindon. He noted he has been getting mixed signals about the ADA
requirements is in the city. He explained he has met on site with the Public Works
22 Director and has also gotten some information through email etc., from the City Engineer
about ADA requirements and it sounds like it is all “proposed” guidelines and not
24 requirements. Mr. Henry stated he was not aware this requirement was needed and he
was “blindsided” by it (drive approach) and was never informed he needed an inspection
26 and it was not included on the inspection sheet. He added that 95% of approaches in the
city are nearly identical to the home in question and a different specification was recently
28 adopted by the city that he was never made aware of.

Mr. Henry pointed out that he called the city twice to talk to the Public Works
30 Inspector (Van Hansen) who indicated they had laid the wings out correctly and he made
no mention of another code or regulation relating to the drive approach. He also called
32 back about a required soils report and was referred to Mr. Hansen again who indicated he
needed a compaction report so he obtained one. He feels he should have been made
34 aware at that time about a pre-pour inspection which Mr. Hansen failed to mention. Mr.
Henry stated he feels it gets very questionable as he was working at the home saw the
36 inspector drive up to the home (Mr. Hansen) and as he tried to flag him over he just drove
off. The next morning he was at the house to remove the concrete blanket and Mr.
38 Hansen came again with a level down and was down on the drive approach and informs
him it won’t pass Lindon’s ADA standards.

40 Mr. Henry stated he is hoping to resolve this because it is coming to a point that
he feels he is being “strong-armed” into a tricky situation as the home has passed all
42 inspections and is ready for occupancy. They are informing him unless he signs a bond
that states he will tear out the sidewalk/drive approach and re pour it according to Lindon
44 City standards or a different method they will not grant occupancy. His contention is that
this was always based on conversations of the need to be ADA compliant. He has not
46 seen any regulations in any other city like this standard for a residential drive approach;
which has been around since 2005 and only very recently enforced.

2 At this time Mayor Acerson asked the City Engineer to comment in on this issue.
3 Mark Christensen, City Engineer, stated in the past 10 years developments in the city
4 have been done this way and there are only a few that are not compliant; this is a Lindon
5 code that follows the ADA codes. Mr. Henry stated neither he nor the homeowner wants
6 to have to re-pour the drive approach as it would create problems. He noted he has
7 provided a list of other places that have been built and he has gone to other subdivisions
8 and actually measured their drive approaches and talked to homeowners and they have
9 discovered there is a disturbing track record.

10 Mayor Acerson asked Mr. Christensen if there are any suggested resolutions to
11 this issue. Mr. Christensen stated they have talked about several solutions, not to Lindon
12 standards, but would accomplish the same objective and would not require replacing all
13 of the driveway (maybe 2 to 8 ft.). Mr. Henry stated that suggestion has been made
14 through a very difficult process and pointed out there is a massive discrepancy between a
15 proposed guideline and an actual ADA requirement and at this point he feels like it's
16 almost a conspiracy because they have asked questions to require them to tear it out even
17 though it states it is a proposed guideline. Mr. Henry is hoping there is a solution where
18 everyone can be happy.

19 Mr. Henry stated he is proposing, if there is a possibility if it isn't in fact an ADA
20 requirement, that would thereby allow the city to be freed of any liability or potential
21 lawsuit to allow the approach to remain "as is" based on the fact that he has demonstrated
22 that the city inspector didn't do his job and even acted in a potentially unethical way as
23 he did not divulge all of the requirements after two conversations on the phone. He is
24 proposing leaving it "as is" because the private property owner wants it left "as is" and if
25 it functions the best "as is" then Lindon City wouldn't have to set a precedent by doing
26 that because they didn't divulge it on the inspection card.

27 Public Works Director, Brad Jorgensen stated they have met on site with Mr.
28 Henry and have informed him of their concerns with the slope. They also informed him
29 he can put a bond in place and do the work in the spring to allow the homeowner to move
30 in and then change the sidewalk to the 2% slope so the standard has been identified. Mr.
31 Henry then made some additional points regarding the slope stating there is no danger
32 presented from a 2% slope to a 9% slope. Mr. Eric Sweeten, the homeowner, spoke on
33 the slope stating he has gone to numerous places in the city and measured others that are
34 not compliant. If this has to be redone he won't be able to get a 2 wheel drive car into his
35 garage. Mr. Henry stated he has given several proposals to remedy this issue that would
36 not pose any liability to the city and he feels it is not a steep drive approach.

37 Mayor Acerson pointed out the challenge is that we must enforce the city codes
38 and he assumes a contractor building in the city needs to make sure that the code is being
39 followed. Mayor Acerson questioned if we can let them move forward and perhaps have
40 them sign a document stating they will assume all liability. Mr. Cowie pointed out this is
41 in the city street right of way and that is the purpose of the bond. Councilmember
42 Sweeten understands and agrees that the standard was adopted but the biggest problem is
43 that it has not been consistently enforced in the last 10 years and only enforced in most of
44 the new subdivisions; he questioned why it is being enforced now.

45 Mr. Cowie stated ultimately this is an issue where there is a set standard that is in
46 place and the Council would have to amend it but they would have to have a plan in
47 place. He added they have provided an opportunity to allow the homeowner to move in

2 and get a temporary occupancy which is not uncommon. Mr. Henry re-iterated that he
 4 feels he is being “strong-armed” into signing a bond while the City Engineer and the
 Public Works Director are not discussing this matter and not answering his calls or
 questions.

6 At this time Mayor Acerson suggested that the parties work together to come to a
 conclusion and a viable solution. Mr. Henry, the City Engineer and the Public Works
 8 Director stated they will work together to reach a resolution. Councilmember Sweeten
 questioned the homeowner can get into the home without a bond and perhaps give a time
 10 frame to the parties to reach an agreement; he is fairly confident this may be a solution.
 Mayor Acerson then directed the two parties to set up a meeting within the next week to
 12 work together to come to a resolution to get this issue resolved as to move forward to a
 fair solution in good faith.

14 CURRENT BUSINESS

- 16
- 18 **6. Presentation & Discussion — Water Boil Advisory Debriefing and Discussion.** Lindon City Administrator, Public Works Director, Chief of Police,
 20 and City Engineer will be available for discussion of the culinary water boil
 advisory that was instituted from December 23rd through December 26th. A
 22 timeline of events and activities associated with the boil advisory will be reviewed
 and assessed. An overview of current and future water utility improvement
 projects to help prevent future boil orders will be presented.

24

26 Adam Cowie, City Administrator, began this discussion by explaining the Lindon
 City water system currently submits 14 culinary water sample results per month to the
 State of Utah. Ten of these samples are taken at regular sample locations that are pre-
 28 determined as part of a monitoring plan on file with the State Division of Water Quality.
 The other four samples are taken at the wells to monitor water quality at the ‘source’. The
 30 City has typically taken half of the required samples every other week so that the water
 system is monitored at least bi-weekly. Additional ‘investigative samples’ may be taken
 32 at other times to check water quality in specific areas or before certifying newly
 constructed water pipes are clean. These investigative samples are not submitted to the
 34 State as required ‘routine samples’ and water samples are tested and recorded at State
 certified laboratories.

36 Mr. Cowie further explained that routine samples were taken throughout Lindon
 on the week of December 12th and found to be clean. On Tuesday, December 20th five
 38 additional routine samples were taken. He noted water samples take 24 hours to culture
 and the results were received late Wednesday afternoon (December 21st) showing that
 40 one sample taken from a home on the east side of town tested positive for coliform.
 Coliform bacteria are a commonly used indicator of sanitary quality of foods and water.
 42 Coliforms can be found in the aquatic environment, in soil and on vegetation; they are
 universally present in large numbers in the feces of warm-blooded animals. While
 44 coliforms themselves are not normally causes of serious illness, they are easy to culture,
 and their presence is used to indicate that other pathogenic organisms of fecal origin may
 46 be present.

2 Mr. Cowie noted per State guidelines, positive testing for coliform requires the
3 City to re-test the subject location and water services on both sides of the coliform
4 positive water service (up-stream and down-stream). On Thursday, December 22nd the
5 City submitted repeat samples, including one sample from the water tank nearest to the
6 coliform positive location. Lab results from the repeat samples were received at
7 approximately 1:15pm on Friday, December 23rd. The results showed coliform positive
8 samples at the city water tank and at one additional home. Another home tested positive
9 for E.coli in the same set of repeat samples and the presence of E. coli indicated that fecal
10 matter had contaminated the water system.

11 Mr. Cowie noted that with a positive test for E. coli, the Public Works staff
12 contacted on-call persons at the State DEQ (Water Quality Division) and the Utah
13 County Health Department. Lab results and sampling locations were discussed in various
14 phone calls with these two entities. Staff was also working to find a laboratory that would
15 open for the City over the Christmas holiday weekend. Approximately 3:00pm on
16 December 23rd during a conference call with the City Administrator, Public Works
17 Director, Water Department staff, and DEQ representative it was determined by DEQ and
18 agreed upon by City staff, that a city-wide boil advisory was required due to the E. coli
19 positive water sample that was discovered as part of the City's 'routine samples'.

20 Mr. Cowie stated the Public Works staff worked immediately to introduce
21 chlorine into the tanks and start flushing the water system through fire hydrants. It was
22 unknown at that time if the contamination had spread to other areas beyond what had
23 been retested on Thursday. With coliform testing positive at the tank it was likely that the
24 contamination could easily spread. Additional water samples were taken Friday evening,
25 December 23rd at all prior locations and also at all the wells (source samples). Those
26 results came back Saturday late afternoon and thankfully showed that the wells were
27 clean, but that E. coli was present now in two addresses in the same general area and
28 coliform was still present at the tank. He mentioned there was concern that the
29 contamination could be spreading. However, this set of samples was taken within a short
30 time of chlorine being introduced to the system and it was believed that enough contact
31 time may not have occurred to kill the bacteria in the system.

32 Mr. Cowie further explained that thirteen city-wide samples were taken on
33 Saturday morning and the system flushing continued through midnight on Saturday and
34 Sunday evenings. Fourteen city-wide samples were taken Sunday morning and early
35 afternoon. Staff called DEQ and the Health Department throughout the weekend to give
36 them updates on sample results and flushing. On late Sunday afternoon the results from
37 Saturday's testing were delivered and found all samples to be clean.

38 Mr. Cowie went on to say that staff did a conference call with the DEQ and the
39 Health Department early Sunday evening. The State informed staff that with the clean
40 samples from Saturday, and the continued chlorination that was being done through
41 Sunday, the boil advisory order could be lifted if chlorine residuals in the system were
42 brought back to near normal operating conditions. Since Lindon's wells are not
43 chlorinated this meant flushing nearly all chlorine residual from the water system.
44 Flushing continued until midnight Sunday evening then started again at approximately
45 5:30am on Monday morning, December 26th.

46 Mr. Cowie stated the Chlorine residual was not dropping as fast as had been
47 hoped so staff contacted DEQ again on Monday morning and requested the boil order be

2 lifted and that residents flush their systems. The water was considered safe for
consumption after boiling and it was felt by Staff that boiling was no longer needed since
4 a clean batch of samples had been received the night before and a higher than normal
chlorine residual was still present in the system. DEQ agreed that it was safe to lift the
6 boil order on Monday morning December 26th at approximately 10am.

8 Mr. Cowie stated that unfortunately, no specific source of contamination was
determined. Three of the addresses impacted did have discharge tubes from water
10 softener tanks that were directly inserted into floor drain pipes (which are connected to
the sewer pipes). These could be potential sources for contamination as a 'cross-
12 connection' but they are not confirmed to have caused this issue. The City is not currently
aware of any malicious activities at wells, tanks, or pump houses, nor is the City aware of
any open sources for contamination like water leaks or breaks in main lines; we are
14 continuing to investigate any leads for possible contamination.

16 Mr. Cowie noted without a firm source for contamination being identified the
City continued to take additional daily water samples through Friday, December 30th. All
samples have been clean since Saturday, December 24th. The City also obtained written
18 approval from DEQ on December 29th to continue adding small doses of chlorine into the
culinary water tanks so that a chlorine residual would be present throughout the system
20 until a permanent chlorination treatment system has been installed.

22 Mr. Cowie went on to say that once the City had received instructions from DEQ
that the boil advisory must be instituted on the afternoon of December 23rd the City
Administrator, Chief of Police prepared an Advisory Boil Order notice and additional
24 press information that was released at 4:15pm on December 23rd. Lindon Police
requested that Orem Dispatch send an emergency notification call through the Everbridge
26 system. The City Recorder updated the information onto the City website. The City also
sent notices to all newspaper and television news outlets and posted the notice on the
28 City's Facebook page and sent it to the newsletter email subscribers list. LDS Stake
Presidents were contacted and asked to initiate their emergency notification contacts
30 through Ward block captains. Police Officers on duty were asked to hand-deliver notices
to local businesses, restaurants, convenience stores, senior living centers, etc.

32 Mr. Cowie noted within 20-30 minutes several news agencies had announced the
boil advisory and two had called staff for additional information. Within one hour there
34 were over 20,000 views on the city's Facebook post announcing the boil notice. Within
24 hours the original Facebook post had been viewed over by over 100,000 people. Mr.
36 Cowie mentioned in the overall scope of the incident we feel the notification process and
methods were fast and effective. Within a few hours we feel the majority of residents and
38 businesses had been informed of the boil advisory. He noted there appears to have been a
few glitches on the phone notification system and we are working with Orem Dispatch to
40 find out why some who registered with Everbridge were not contacted.

42 Mr. Cowie stated a few news agencies communicated with staff over the weekend
for updates and all communication with the general public occurred through the city's
Facebook (FB) page. The city responses to questions was handled by the City
44 Administrator who is assigned as the Public Information Officer for non-criminal
emergencies or events. Mr. Cowie noted he was in regular communication with the
46 Public Works Director through the entire event.

2 Mr. Cowie stated over the last few years the City Council and staff have worked
 4 to increase utility fund levels to enable more proactive approaches and maintenance
 6 activities. Chlorination of the city wells has been identified as a need and over the
 8 spring/summer of 2016 the City worked with DEQ and obtained approval in September
 10 to install chlorination systems on all of our city wells. The wells are not currently
 chlorinated, and although our sources have never been found contaminated, Lindon has
 too many potential sources for contamination and feels it's prudent to chlorinate directly
 at the wells. Some purchase of equipment and minor construction has already began.
 Staff is working to complete the chlorination upgrades by February 15th or as soon as
 possible thereafter.

12 Mr. Cowie added the City has also taken steps to improve the physical security of
 its culinary water facilities. In 2015 one water tank area was fenced off and it has been
 14 budgeted to fence off another tank. Both tanks are in the foothills and accessible to
 anyone on foot. Updated locks, doors, and other security devices at our wells, tanks, and
 16 pump houses have been installed or are in process.

Additional action or projects in the future may include the following:

- 18 • develop public education and outreach materials about the dangers of cross-
 20 connections between the culinary system and non-treated sources (secondary
 water, sewer pipes, drains, etc.);
- 22 • increase the number of water samples taken and frequency of sampling;
- 24 • hire additional worker in the water department to enable more proactive water
 sampling and maintenance efforts;
- 26 • consider installation of city-owned dedicated sampling locations (instead of
 sampling from homes & businesses)
- 28 • develop written sampling procedures for the water department to ensure adequate
 training and policies for future employees;
- 30 • coordinate with laboratories to determine optimum time for sampling and testing
 to avoid holidays, weekends, etc.;
- 32 • consider security fencing at additional tanks and pump houses;
- develop stronger policies and enforcement of unlawful fire hydrant and water use
 by contractors / builders;
- 34 • continue with regular waterline replacement to upgrade older water lines;
- schedule recurring tank cleaning / sediment removal by licensed contract
 professionals;
- 36 • reconstruct and/or expand wells to achieve redundancy in the water system.

38 Mr. Cowie concluded by stating while the recent boil advisory was certainly
 40 inconvenient, alarming, and worrisome, staff believes the city has been and continues to
 be making good progress to update and improve the safety and security of our water
 system and to continue to be proactive.

42 Following some general discussion including comment from the Public Works
 Director, Mayor Acerson called for any further comments or discussion from the Council.
 44 Hearing none he moved on to the next agenda item.

2 7. **Review & Action — Resolution #2017-1-R; Mayor pro tem & Council**
3 **Assignments.** The Council will review and consider Resolution #2017-1-R
4 authorizing Mayor pro tem assignments for the 2017 calendar year and other
5 Councilmember assignments as directed by Mayor Acerson.

6
7 Mr. Cowie began by referencing the Resolution and exhibit including the Mayor
8 pro tem and Councilmember assignment information. He noted there is not any
9 significant changes in the assignments from 2016, excepting the updated Mayor pro tem
10 assignments. Councilmember Broderick pointed out one area where Randi Powell’s name
11 is still listed under RDA. Mr. Cowie stated he will remove that from the assignment list.
12 He noted this is just a procedural action for approval that is done annually.

13 Mayor Acerson called for any further comments or discussion from the Council.
14 Hearing none he called for a motion.

15 COUNCILMEMBER BRODERICK MOVED TO APPROVE RESOLUTION
16 #2017-1-R UPDATING MAYOR PRO TEM AND COUNCILMEMBER
17 ASSIGNMENTS FOR THE 2017 CALENDAR YEAR WITH THE WORDING
18 CHANGE AS DISCUSSED. COUNCILMEMBER LUNDBERG SECONDED THE
19 MOTION. THE VOTE WAS RECORDED AS FOLLOWS:

20 COUNCILMEMBER BEAN AYE
21 COUNCILMEMBER LUNDBERG AYE
22 COUNCILMEMBER BRODERICK AYE
23 COUNCILMEMBER HOYT AYE
24 COUNCILMEMBER SWEETEN AYE

25 THE MOTION CARRIED UNANIMOUSLY.

26
27
28 8. **Review & Action — Resolution #2017-2-R; Employee Policies & Procedures,**
29 **Sec. 5 & 6.** The Council will review and consider Resolution #2017-2-R
30 amending and updating Sections 5 & 6 of the Lindon City Policies and
31 Procedures manual for employees. Updates to other sections of the manual will
32 continue over the next few months to bring the manual into conformance with
33 current practices, policies, and laws. The City Attorney has reviewed the policies
34 with Administrative Staff and recommends approval of the updates.

35 Mr. Cowie explained the City has an existing Policy and Procedures Manual that
36 has not been comprehensively updated since 2012. He noted City code allows minor
37 changes and alterations to be made to the policies without City Council approval,
38 although, major changes and modifications require Council approval, which is being
39 done with these sections. Mr. Cowie noted that staff has rearranged and combined a few
40 sections and updated various sections to the current format. He stated this is an attempt to
41 show new language with underlines and old language with strike-outs proved extremely
42 hard to follow so this version does not highlight the ‘old wording vs. new wording’. He
43 noted most of the changes are minor or just updates to conform to previously adopted
44 policies and laws. Mr. Cowie then referenced several of the more important
45 issues/updates as follows:

- 2 • With City Attorney recommendation, the Appeals Board made up of fellow
4 employees was changed to an Appeal Authority (Section 5.25.1) which may be a
single individual (most likely a licensed attorney with another city). We'll need to
6 enter into an agreement with an Authority for that function. The City Attorney has
some recommendations for qualified individuals. We'll also need to repeal
8 Ordinance 3-93 that established the Appeals Board.
- 10 • Information that tends to change annually in the budget (such as the pay scale,
merit pay, etc.) will reference the Compensation Section of the annually adopted
12 Budget rather than updating specific changes each year in the Policies and
Procedures Manual.
- 14 • Weapons policy (firearms) in Section 5.20 and Political Activity policies in
Section 5.9 have been updated to comply with state and federal regulations. *You'll*
16 *want to carefully read Section 5.9 as most of it applies to elected officials as well*
as regular employees.
- 18 • The Compensation section (Section 6) has been updated to comply with
20 compensation policies and procedures previously approved by the Council and
some reformatting of sections.
- 22 • State Code classifies Department Heads and other upper management employees
24 as 'at-will' employees. The current policy manual exempted Department Heads
from being 'at-will'. Department Heads hired under the current policy are allowed
26 the same grievance and appeal processes as any other employee. After consulting
with our attorney, it appears most beneficial to keep management employees as
28 'at-will' employees. However, we do not want to harm or be in conflict with the
hiring policies that were in place when current Department Heads were hired, so
30 the policy is only in effect on anyone hired after January 1, 2017 (see Section
5.4.2(9)).

32
34 Following some general discussion Mayor Acerson called for any further
comments or discussion from the Council. Hearing none he called for a motion.

36 COUNCILMEMBER HOYT MOVED TO APPROVE RESOLUTION #2017-2-
38 R UPDATING SECTIONS 5, SECTION 6, AND APPENDIX A OF THE EMPLOYEE
POLICIES AND PROCEDURES MANUAL. COUNCILMEMBER BRODERICK
SECONDED THE MOTION. THE VOTE WAS RECORDED AS FOLLOWS:

40 COUNCILMEMBER BEAN AYE
42 COUNCILMEMBER LUNDBERG AYE
COUNCILMEMBER BRODERICK AYE
COUNCILMEMBER HOYT AYE
44 COUNCILMEMBER SWEETEN AYE

THE MOTION CARRIED UNANIMOUSLY.

46

2 9. **Review & Action — Resolution #2017-3-R; Class C Road Fund Accounting**
 4 **Designation.** The Council will review and consider Resolution #2017-3-R
 6 separating Fund 11 (Class C Road Fund) from the General Fund budget for
 8 accounting, auditing, and budgeting purposes and reassigning Fund 11 as an
 10 annually recurring Capital Improvement Projects fund for accounting, auditing,
 12 and budgeting purposes. This change will enable the Class C Road Fund balance
 14 to accumulate for needed future road projects without impacting the General Fund
 16 balance.

10 Mr. Cowie explained this item recently came up when the auditor was here and
 12 the Council was informed during the FY2017 audit presentation that a change of the
 14 Road Fund classification for accounting, auditing, and budgeting purposes would be
 16 beneficial so that the General Fund balance is not impacted by surpluses or project money
 18 in the Road Fund. Mr. Cowie then referenced the Resolution outlining the change noting
 20 this is just a housekeeping procedure.

20 Mayor Acerson called for any further comments or discussion from the Council.
 22 Hearing none he called for a motion.

22 COUNCILMEMBER BEAN MOVED TO APPROVE RESOLUTION #2017-3-
 24 R SEPARATING FUND 11 (CLASS C ROAD FUNDS) FROM THE GENERAL
 26 FUND BUDGET FOR ACCOUNTING, AUDITING, AND BUDGETING PURPOSES
 28 AND REASSIGNING FUND 11 AS AN ANNUALLY RECURRING CAPITAL
 30 IMPROVEMENT PROJECTS FUND FOR ACCOUNTING, AUDITING, AND
 32 BUDGETING PURPOSES. COUNCILMEMBER SWEETEN SECONDED THE
 34 MOTION. THE VOTE WAS RECORDED AS FOLLOWS:

- 34 COUNCILMEMBER BEAN AYE
- 36 COUNCILMEMBER LUNDBERG AYE
- 38 COUNCILMEMBER BRODERICK AYE
- 40 COUNCILMEMBER HOYT AYE
- 42 COUNCILMEMBER SWEETEN AYE

44 THE MOTION CARRIED UNANIMOUSLY.

46 **COUNCIL REPORTS:**

48 **Chief Cullimore** – Chief Cullimore had nothing to report.

50 **Councilmember Hoyt** – Councilmember Hoyt reminded the Council of the Global
 52 Marketing ribbon cutting (Mark Weldon) on January 10th at 11 am.

54 **Councilmember Broderick** – Councilmember Broderick had nothing to report.

56 **Councilmember Bean** – Councilmember Bean asked for an update on the property sale.
 58 Mr. Cowie stated it has been extended to January 31st but they still haven't committed.

60 **Councilmember Lundberg** – Councilmember Lundberg had nothing to report.

2 **Councilmember Sweeten** – Councilmember Sweeten reported he has been asked to
speak at the upcoming NOVA graduation at Lindon Elementary on Friday.

4
6 **Mayor Acerson** – Mayor Acerson reported he met with the General Manager at the
Lexus dealership. He would suggest setting up a meeting along with the Hyundai
dealership Manager to discuss parking issues.

8
10 **Administrator’s Report:**

Mr. Cowie reported on the following items followed by discussion.

12 **Misc. Updates:**

- 14 • December newsletter.
- 16 • March newsletter article: Councilmember Bean - Article due to Kathy Moosman
last week in February.
- 18 • City Center Elevator remodel. The Architect is preparing plans for bidding by
early February.
- 20 • Public Safety Building – new contractor completion date is January 19th. The
phone system transfer is January 26th. There will be an open house most likely in
first couple weeks of February.
- 22 • Misc. Items.

24 **Upcoming Meetings & Events:**

- January 2nd – City offices closed.

26 Mayor Acerson called for any further comments or discussion from the Council.
Hearing none he called for a motion to adjourn.

28
30 **Adjourn** –

32 COUNCILMEMBER BRODERICK MOVED TO ADJOURN THE MEETING
AT 9:45 PM. COUNCILMEMBER SWEETEN SECONDED THE MOTION. ALL
PRESENT VOTED IN FAVOR. THE MOTION CARRIED.

34
36 Approved – January 17, 2017

38
40 _____
Kathryn Moosman, City Recorder

42

Jeff Acerson, Mayor

Item 4 – Consent Agenda – *(Consent agenda items are only those which have been discussed beforehand and do not require further discussion)*

- No Items.

Item 5 – Open Session for Public Comment *(For items not on the agenda - 10 minutes)*

6. Public Hearing — Resolution #2017-4-R; FY2017 Budget & Fee Sched. Amendment (30 mins)

Lindon City Staff will present Resolution #2017-4-R outlining proposed FY2017 budget and fee schedule amendments.

The City adopts an annual budget in June of each year with the expectation that as the fiscal year unfolds there will be needed additions and/or amendments to the budget. A budget amendment in October, January, April, and June is typical to account for these unexpected additions or changes to the budget.

See attached Resolution and info from Finance Director Colson and Parks & Recreation Director Bateman. Both individuals will be at the meeting to review the recommended budget amendments and fee schedule changes.

Sample Motion: I move to (approve, deny, continue) Resolution #2017-4-R amending the FY2017 Budget and Fee Schedule.

RESOLUTION NO. 2017-4-R

A RESOLUTION OF THE CITY COUNCIL OF LINDON CITY, UTAH COUNTY, UTAH, AMENDING VARIOUS SECTIONS OF THE LINDON CITY BUDGET AND FEE SCHEDULE FOR FISCAL YEAR 2017 AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Municipal Council of Lindon City finds it prudent and in accordance with sound fiscal policy to amend the Lindon City Budget and Fee Schedule for FY2017; and

WHEREAS, the on-going budget reports indicate several items which need to be adjusted to actual costs associated with current projects and revenue/expenditure line items updated based on new information and data obtained since the budget was adopted in June of 2016; and

WHEREAS, adjustments to the Lindon City Fee Schedule are needed to appropriately cover costs of providing services in the community; and

WHEREAS, now the Municipal Council desires to amend the FY2017 Lindon City Budget and Fee Schedule to reflect these more accurate numbers and needed amendments.

NOW, THEREFORE, BE IT RESOLVED by the City Council of Lindon City, Utah County, State of Utah, as follows:

SECTION I. The FY2017 Lindon City Budget and Fee Schedule is hereby amended as shown on the attached memorandums for specific budgetary line items as listed.

SECTION II. This resolution shall take effect immediately upon passage.

PASSED AND ADOPTED by the Lindon City Council on this the 17th day of January, 2017.

Jeff Acerson, Mayor

ATTEST:

Kathryn A. Moosman, City Recorder

SEAL:

BUDGET AMENDMENT NOTES

January 10, 2017

- 1 Lindon City agreed to trade surplus property to Nicolson Construction in exchange for them to build a drying bed for the Public Works building. Lindon's surplus property is valued at \$121,253, which needs to be recorded as revenue in the General Fund and then transferred to the Storm Water fund to offset the drying bed expense of \$161,176.
- 2 The \$4,000 budget for a management intern is not needed. However, the budget for a planning intern needs to be increased by \$1,000.
- 3 The Professional and Technical Services budget for Public Works Administration needs to be increase \$1,000 to pay for an additional GIS license for Brad Jorgensen.
- 4 The City Council had previously advised Staff to transfer excess fund balance to the Road Fund. At this time, \$300,000 is being transferred and added to the 2017FY budget for road improvements.
- 5 Lindon City will install lights at the Aquatics Center in order to extend the rental period at night. The cost will be about \$115,000. The Redevelopment Agency (RDA) State Street District will contribute \$75,000 towards the project and the remaining \$40,000 will come from PARC Tax funds.
- 6 The Provo River Water Users Association is refinancing a balloon payment on one of their bonds. Lindon City opted to pay off the City's allocation of this debt and save interest. Lindon's portion is \$23,302, but the budget only needs to be increased \$20,000.
- 7 The work on the 835 E pumps was budgeted for \$40,000. However, the project has grown and the estimated cost is now \$140,000. The budget needs to be increased \$100,000 for this project. In addition, the City Council recently approved to budget \$90,000 in order to repair a portion of the North Union Canal.
- 8 The changes in revenues and expenses are balanced and offset by changes in the use of, or appropriation to, fund balances.

OTHER UPCOMING ITEMS THAT MAY IMPACT THE BUDGET

- ▶ Utilities and easements for the Ivory Development are still being determined.
- ▶ Engineers are evaluating the cost and benefit of expanding Well #3 to increase redundancy in the City's culinary water system.
- ▶ Engineers are designing the necessary enhancements to the well houses in order to accommodate adding a chlorination system in each well house.

BUDGET AMENDMENT
FISCAL YEAR 2016-2017
 January 17, 2017

Acct #	Note	Description	REVENUES			EXPENDITURES		
			Previous Budget	Amended Budget	Variance	Previous Budget	Amended Budget	Variance
GENERAL FUND								
10-36-640	1	Fixed Asset Disposal Gain/Loss	286,500	407,753	121,253			
10-44-120	2	Salaries - Temp Employees				4,000	-	(4,000)
10-62-310	3	Professional & Tech Services				500	1,500	1,000
10-68-120	2	Salaries - Interns & Temp Emp				1,000	2,000	1,000
10-75-901	4	Transfer to Road Fund				150,000	450,000	300,000
10-75-940	1	Transfer to Storm Drain Fd 54				-	121,253	121,253
10-75-990	8	Appropriate to Fund Balance				386,604	88,604	(298,000)
			<u>286,500</u>	<u>407,753</u>		<u>542,104</u>	<u>663,357</u>	
NET GENERAL FUND INCREASE					<u>121,253</u>			<u>121,253</u>
ROAD FUND								
11-30-800	4	Transfer from General Fund	150,000	450,000	300,000			
11-40-735	4	Class C Capital Improvements				500,000	800,000	300,000
			<u>441,026</u>	<u>741,026</u>		<u>500,000</u>	<u>800,000</u>	
NET ROAD FUND INCREASE					<u>300,000</u>			<u>300,000</u>
REDEVELOPMENT AGENCY (RDA) FUND								
22-30-290	8	RDA State St - Use of Fund Balance	404,850	479,850	75,000			
22-81-955	5	RDA State St - Trfr to Rereation Fund				367,010	442,010	75,000
			<u>706,457</u>	<u>781,457</u>		<u>652,117</u>	<u>727,117</u>	
NET REDEVELOPMENT AGENCY (RDA) FUND INCREASE					<u>75,000</u>			<u>75,000</u>
PARC TAX FUND								
24-41-920	5	Trfr to Recreation-Capital Exp				-	40,000	40,000
24-49-990	8	Appropriate to Fund Balance				55,850	15,850	(40,000)
			<u>-</u>	<u>-</u>		<u>55,850</u>	<u>55,850</u>	
NET PARC TAX FUND INCREASE					<u>-</u>			<u>-</u>
WATER FUND								
51-30-980	8	Use of Fund Balance	231,715	441,715	210,000			
51-40-690	6	Water Stock Assessment				110,000	130,000	20,000
51-40-755	7	Special Projects				407,900	597,900	190,000
			<u>231,715</u>	<u>441,715</u>		<u>517,900</u>	<u>727,900</u>	
NET WATER FUND INCREASE					<u>210,000</u>			<u>210,000</u>

BUDGET AMENDMENT
FISCAL YEAR 2016-2017
 January 17, 2017

Acct #	Note	Description	REVENUES			EXPENDITURES		
			Previous Budget	Amended Budget	Variance	Previous Budget	Amended Budget	Variance
STORM WATER DRAINAGE FUND								
54-30-800	1	Trfr from General Fund	-	121,253	121,253			
54-40-750	1	Special Projects				10,000	171,176	161,176
54-40-990	8	Appropriate to Fund Balance				97,773	57,850	(39,923)
			<u>-</u>	<u>121,253</u>		<u>107,773</u>	<u>229,026</u>	
		NET STORM WATER DRAINAGE FUND INCREASE			<u>121,253</u>			<u>121,253</u>
RECREATION FUND								
55-30-880	5	Transfer from PARC Tax Fund	80,100	120,100	40,000			
55-30-885	5	Transfer from RDA	367,010	442,010	75,000			
55-41-730	5	Aq. Ctr. Improvements				30,000	145,000	115,000
			<u>564,930</u>	<u>679,930</u>		<u>30,000</u>	<u>145,000</u>	
		NET RECREATION FUND INCREASE			<u>115,000</u>			<u>115,000</u>
CITYWIDE TOTAL								
			<u>5,162,556</u>	<u>6,105,062</u>		<u>2,405,744</u>	<u>3,348,250</u>	
					<u>942,506</u>			<u>942,506</u>
		CHANGE IN REVENUES & EXPENDITURES						
		Change in Citywide Rev. & Exp.	286,500	407,753	121,253	1,063,400	1,847,576	784,176
		Increase (Decrease) in Transfers In	597,110	1,133,363	536,253			
		Increase (Decrease) in Transfers Out				517,010	1,053,263	536,253
		Increase (Decrease) in Use of Fund Bal.	927,591	1,212,591	285,000			
		Increase (Decrease) in Appr. to Fund Bal.				540,227	162,304	(377,923)
		Citywide Totals	<u>1,811,201</u>	<u>2,753,707</u>		<u>2,120,637</u>	<u>3,063,143</u>	
		Net Increase (Decrease) in Rev. & Exp.			<u>942,506</u>			<u>942,506</u>

01.10.2017

Memo**To**
Adam Cowie**From**
Heath**CC****Re**
Fee Schedule Change
and Pool Light Bid
Information**Comments:**

I am requesting a few changes to the Fee Schedule to go into effect immediately. They are: (1) Remove the REESIDENT/NON-RESIDENT designation on Open Plunge punch passes and have one universal punch pass for all patrons (excluding Flowrider), in the amount of 25 punches and 50 punches as well as a punch pass for exercise/walking/aerobics only. (2) Set the pool punch pass price (3) Add early season pricing to the pool passes to encourage pass purchases before the pool season begins (see below.)

2016 Punch Pass Prices

10 Punch Resident	10 Punch Non Resident	20 Punch Resident	20 Punch Non Resident
\$40.50	\$49.50	\$81.00	\$99.00

Recommended Fees 2017

	April	May	Regular
Open Swim (25 punch)	\$80.00 (\$3.20/punch)	\$90.00 (\$3.60/punch)	\$100.00 (\$4.00/punch)
Open Swim (50 punch)	\$152.00 (\$3.04/punch)	\$171.00 (\$3.42/punch)	\$190.00 (\$3.80/punch)
Lap/Fitness Swim (20 Punch)	\$56.00 (\$2.80/punch)	\$63.00 (\$3.15/punch)	\$70.00 (\$3.50/punch)
FlowRider Resident (10 punch)	\$80.00 (\$8.00/punch)	\$90.00 (\$9.00/punch)	\$100.00 (10/punch)
FlowRider Non Resident (10 punch)	\$120.00 (\$12.00/punch)	\$135.00 (\$13.50/punch)	\$150.00 (\$15.00/punch)

Lindon Parks & RecreationTel 801-769-8628
Fax 801-785-431025 North Main
Lindon, Utah 84042

Lindoncity.org



01.10.2017

Memo

Pg.02

Other Pool Comparisons

	25 punch	\$ per visit 25	50 punch	\$ per visit 50	Aerobics/lap swim 20 punch	\$ per visit 20
Orem-Scera	\$ 100.00	\$ 4.00	\$ 190.00	\$ 3.80	\$ 60.00	\$ 3.00
Payson	\$ 80.00	\$ 3.20	\$ 155.00	\$ 3.10	\$ 45.00	\$ 1.80
Spanish Fork	\$ 80.00	\$ 3.20	\$ 150.00	\$ 3.00		\$ -

7. Recess to Lindon City Redevelopment Agency Meeting (RDA)*(10 minutes)*

Sample Motion: I move to recess the Lindon City Council meeting and convene as the Lindon City RDA.

Call Lindon City RDA to order, then review/approve RDA minutes.

Notice of Meeting of the Lindon City Redevelopment Agency



The Lindon City Redevelopment Agency (RDA) will hold a meeting beginning at 7:30 p.m., or as soon thereafter as possible, on Tuesday, January 17, 2017 in the Lindon City Center council chambers, 100 North State Street, Lindon, Utah. The agenda will consist of the following:

Conducting: Jeff Acerson, Chairman

- (Review times are estimates only)*
- 1. Call to Order / Roll Call** *(5 minutes)*
 - 2. Approval of minutes: October 18, 2016** *(5 minutes)*
 - 3. Public Hearing – Resolution #2017-1-RDA; FY2017 Budget Amendments** *(10 minutes)*
The Board of Directors will review and consider Resolution #2017-1-RDA outlining proposed FY2017 budget amendments for the RDA.

Adjourn and reconvene the Lindon City Council meeting.

This meeting may be held electronically to allow a council member to participate by video conference or teleconference.

Staff Reports and application materials for the agenda items above are available for review at the Lindon City Offices, located at 100 N. State Street, Lindon, UT. For specific questions on agenda items our staff may be contacted directly at (801)785-5043. City Codes and ordinances are available on the City web site found at www.lindoncity.org. The City of Lindon, in compliance with the Americans with Disabilities Act, provides accommodations and auxiliary communicative aids and services for all those citizens in need of assistance. Persons requesting these accommodations for city-sponsored public meetings, services programs or events should call Kathy Moosman at 801-785-5043, giving at least 24 hours notice.

CERTIFICATE OF POSTING:

I certify that the above notice and agenda was posted in three public places within the Lindon City limits and on the State (<http://pmn.utah.gov>) and City (www.lindoncity.org) websites.

Posted by: /s/ Kathy A. Moosman, City Recorder

Date: January 13, 2017

Time: 3:30 p.m.

Place: Lindon City Center, Lindon Police Dept., Lindon Community Center

2 The Lindon City Redevelopment Agency held a meeting on **Tuesday, October 18, 2016**
beginning at approximately 8:32 p.m. in the Lindon City Center, City Council Chambers,
4 100 North State Street, Lindon, Utah.

6 Conducting: Jeff Acerson, Chairman

PRESENT **ABSENT**

- 8 Jeff Acerson, Chairman
- 10 Matt Bean, Boardmember
- 12 Carolyn Lundberg, Boardmember
- 14 Van Broderick, Boardmember
- 16 Jake Hoyt, Boardmember
- Dustin Sweeten, Boardmember
- Adam Cowie, Executive Secretary
- Kathryn Moosman, City Recorder

18 COUNCILMEMBER HOYT MOVED TO RECESS THE MEETING OF THE
LINDON CITY COUNCIL AND CONVENE THE MEETING OF THE LINDON CITY
REDEVELOPMENT AGENCY AT 8:32 P.M. COUNCILMEMBER BRODERICK
20 SECONDED THE MOTION. ALL PRESENT VOTED IN FAVOR. THE MOTION
CARRIED.

- 22 1. **Call to Order/Roll Call**
- 24 2. **Review of Minutes** – The minutes of the RDA meeting of June 21, 2016 were
26 reviewed.

28 BOARDMEMBER BRODERICK MOVED TO APPROVE THE MINUTES OF
THE LINDON CITY RDA MEETING OF JUNE 21, 2016 AS PRESENTED.
30 BOARDMEMBER BEAN SECONDED THE MOTION. THE VOTE WAS
RECORDED AS FOLLOWS:

32 BOARDMEMBER BEAN	AYE
BOARDMEMBER BRODERICK	AYE
34 BOARDMEMBER HOYT	AYE
BOARDMEMBER LUNDBERG	AYE
36 BOARDMEMBER SWEETEN	AYE

THE MOTION CARRIED UNANIMOUSLY.

38 **CURRENT BUSINESS** –

- 40 1. **Public Hearing –FY 2017 Budget Amendments (Resolution #2016-2-RDA).** The
42 Board of Directors will review and consider Resolution #2016-2-RDA outlining
44 proposed FY2017 budget amendments for the RDA.

46 BOARDMEMBER LUNDBERG MOVED TO OPEN THE PUBLIC HEARING.
BOARDMEMBER SWEETEN SECONDED THE MOTION. ALL PRESENT VOTED
48 IN FAVOR. THE MOTION CARRIED.

2 Kristen Colson, Lindon City Finance Director, stated the Redevelopment Agency
Budget amendment documents are included in the outline of amendments previously
4 presented and discussed by the city council including discussion regarding the fencing
around the public safety building and street improvements.

6 Chairman Acerson called for any public comments. Hearing none he called for a
motion to close the public hearing.

8 BOARDMEMBER HOYT MOVED TO CLOSE THE PUBLIC HEARING.
BOARDMEMBER BEAN SECONDED THE MOTION. ALL PRESENT VOTED IN
10 FAVOR. THE MOTION CARRIED.

12 Chairman Acerson called for any comments or discussion from the Board.
Hearing no comments he called for a motion.

14
16 BOARDMEMBER BRODERICK MOVED TO APPROVE RESOLUTION
#2016-2-RDA, AMENDING THE FY2017 RDA BUDGET. BOARDMEMBER
SWEETEN SECONDED THE MOTION. THE VOTE WAS RECORDED AS
18 FOLLOWS:

19	BOARDMEMBER BEAN	AYE
20	BOARDMEMBER BRODERICK	AYE
	BOARDMEMBER HOYT	AYE
22	BOARDMEMBER LUNDBERG	AYE
	BOARDMEMBER SWEETEN	AYE

24 THE MOTION CARRIED UNANIMOUSLY.

26 **ADJOURN -**

28 BOARDMEMBER SWEETEN MOVED TO ADJOURN THE MEETING OF
THE LINDON CITY RDA MEETING AND RE-CONVENE THE MEETING OF THE
30 LINDON CITY COUNCIL MEETING AT 8:36 P.M. BOARDMEMBER BEAN
SECONDED THE MOTION. ALL PRESENT VOTED IN FAVOR. THE MOTION
32 CARRIED.

Approved – January 17, 2017

34
36 _____
Adam Cowie, Executive Secretary

38
40
42 _____
Jeff Acerson, Chairman

RDA Agenda Item #3.

3. Public Hearing – Resolution #2017-1-RDA; FY2017 Budget Amendments (10 minutes)

The Board of Directors will review and consider Resolution #2017-1-RDA outlining proposed FY2017 budget amendments for the RDA.

Budget amendments are included in the outline of amendments previously presented to the City Council, but attached here again for reference.

It is recommended that \$75,000 in State Street RDA funds be budgeted for a portion of the Aquatics Center lighting project. Additional funds for the lighting upgrades will come from PARC tax.

Increased patron traffic and/or extended stay of patrons into later hours will also impact the State Street RDA area is anticipated to be beneficial to the businesses within the RDA area. Lighting at the Aquatics Center will also improve safety and security of the facility which, in turn, benefits the RDA area as a whole.

Sample Motion: I move to (approve, continued, deny) Resolution #2017-1-RDA amending the FY2017 RDA budget.

Sample Motion: I move to adjourn the Lindon RDA meeting and reconvene the Lindon City Council meeting.

RESOLUTION NO. 2017-1-RDA

A RESOLUTION OF THE REDEVELOPMENT AGENCY (RDA) OF LINDON CITY, UTAH COUNTY, UTAH, AMENDING VARIOUS SECTIONS OF THE RDA BUDGET FOR FISCAL YEAR 2017 AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Redevelopment Agency of Lindon City finds it prudent and in accordance with sound fiscal policy to amend the RDA Budget for FY2017; and

WHEREAS, the on-going budget reports indicate items which need to be adjusted to actual costs associated with current projects and revenue/expenditure line items updated based on new information and data obtained since the budget was adopted in June of 2016; and

WHEREAS, the State of Utah allows use of RDA funds for Recreational Facilities and the Lindon City Aquatics Center is such a Recreational Facility within the State Street RDA in which a lighting upgrade will improve the facility and potentially increase patron traffic to the site which will also promote additional patron traffic within the State Street RDA; and

WHEREAS, now the Redevelopment Agency desires to amend the FY2017 Budget to reflect these more accurate numbers and needed amendments.

NOW, THEREFORE, BE IT RESOLVED by the Redevelopment Agency of Lindon City, Utah County, State of Utah, as follows:

SECTION I. The FY2017 Lindon City Redevelopment Agency Budget is hereby amended as shown on the attached memorandum for specific budgetary line items as listed for the RDA, finding that said amendments to provide \$75,000 of RDA funding towards the cost of the Lindon City Aquatics Center lighting project will bring additional volume of people to the State Street RDA, for longer durations each day, and therefore will increase potential for business activities and betterment of properties within the State Street RDA.

SECTION II. This resolution shall take effect immediately upon passage.

PASSED AND ADOPTED by the Redevelopment Agency Board on this the 17th day of January, 2017.

Jeff Acerson, Chair

ATTEST:

Adam M. Cowie, Executive Secretary

BUDGET AMENDMENT NOTES

January 10, 2017

- 1 Lindon City agreed to trade surplus property to Nicolson Construction in exchange for them to build a drying bed for the Public Works building. Lindon's surplus property is valued at \$121,253, which needs to be recorded as revenue in the General Fund and then transferred to the Storm Water fund to offset the drying bed expense of \$161,176.
- 2 The \$4,000 budget for a management intern is not needed. However, the budget for a planning intern needs to be increased by \$1,000.
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- 6 The Provo River Water Users Association is refinancing a balloon payment on one of their bonds. Lindon City opted to pay off the City's allocation of this debt and save interest. Lindon's portion is \$23,302, but the budget only needs to be increased \$20,000.
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- 8 The changes in revenues and expenses are balanced and offset by changes in the use of, or appropriation to, fund balances.

OTHER UPCOMING ITEMS THAT MAY IMPACT THE BUDGET

- ▶ Utilities and easements for the Ivory Development are still being determined.
- ▶ Engineers are evaluating the cost and benefit of expanding Well #3 to increase redundancy in the City's culinary water system.
- ▶ Engineers are designing the necessary enhancements to the well houses in order to accommodate adding a chlorination system in each well house.

BUDGET AMENDMENT
FISCAL YEAR 2016-2017
 January 17, 2017

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NET GENERAL FUND INCREASE					<u>121,253</u>			<u>121,253</u>
ROAD FUND								
11-30-800	4	Transfer from General Fund	150,000	450,000	300,000			
11-40-735	4	Class C Capital Improvements				500,000	800,000	300,000
			<u>441,026</u>	<u>741,026</u>		<u>500,000</u>	<u>800,000</u>	
NET ROAD FUND INCREASE					<u>300,000</u>			<u>300,000</u>
REDEVELOPMENT AGENCY (RDA) FUND								
22-30-290	8	RDA State St - Use of Fund Balance	404,850	479,850	75,000			
22-81-955	5	RDA State St - Trfr to Rereation Fund				367,010	442,010	75,000
			<u>706,457</u>	<u>781,457</u>		<u>652,117</u>	<u>727,117</u>	
NET REDEVELOPMENT AGENCY (RDA) FUND INCREASE					<u>75,000</u>			<u>75,000</u>
PARC TAX FUND								
24-41-920	5	Trfr to Recreation-Capital Exp				-	40,000	40,000
24-49-990	8	Appropriate to Fund Balance				55,850	15,850	(40,000)
			<u>-</u>	<u>-</u>		<u>55,850</u>	<u>55,850</u>	
NET PARC TAX FUND INCREASE					<u>-</u>			<u>-</u>
WATER FUND								
51-30-980	8	Use of Fund Balance	231,715	441,715	210,000			
51-40-690	6	Water Stock Assessment				110,000	130,000	20,000
51-40-755	7	Special Projects				407,900	597,900	190,000
			<u>231,715</u>	<u>441,715</u>		<u>517,900</u>	<u>727,900</u>	
NET WATER FUND INCREASE					<u>210,000</u>			<u>210,000</u>

BUDGET AMENDMENT
FISCAL YEAR 2016-2017
 January 17, 2017

Acct #	Note	Description	REVENUES			EXPENDITURES		
			Previous Budget	Amended Budget	Variance	Previous Budget	Amended Budget	Variance
STORM WATER DRAINAGE FUND								
54-30-800	1	Trfr from General Fund	-	121,253	121,253			
54-40-750	1	Special Projects				10,000	171,176	161,176
54-40-990	8	Appropriate to Fund Balance				97,773	57,850	(39,923)
			<u>-</u>	<u>121,253</u>		<u>107,773</u>	<u>229,026</u>	
		NET STORM WATER DRAINAGE FUND INCREASE			<u>121,253</u>			<u>121,253</u>
RECREATION FUND								
55-30-880	5	Transfer from PARC Tax Fund	80,100	120,100	40,000			
55-30-885	5	Transfer from RDA	367,010	442,010	75,000			
55-41-730	5	Aq. Ctr. Improvements				30,000	145,000	115,000
			<u>564,930</u>	<u>679,930</u>		<u>30,000</u>	<u>145,000</u>	
		NET RECREATION FUND INCREASE			<u>115,000</u>			<u>115,000</u>
CITYWIDE TOTAL								
			<u>5,162,556</u>	<u>6,105,062</u>		<u>2,405,744</u>	<u>3,348,250</u>	
					<u>942,506</u>			<u>942,506</u>
		CHANGE IN REVENUES & EXPENDITURES						
		Change in Citywide Rev. & Exp.	286,500	407,753	121,253	1,063,400	1,847,576	784,176
		Increase (Decrease) in Transfers In	597,110	1,133,363	536,253			
		Increase (Decrease) in Transfers Out				517,010	1,053,263	536,253
		Increase (Decrease) in Use of Fund Bal.	927,591	1,212,591	285,000			
		Increase (Decrease) in Appr. to Fund Bal.				540,227	162,304	(377,923)
		Citywide Totals	<u>1,811,201</u>	<u>2,753,707</u>		<u>2,120,637</u>	<u>3,063,143</u>	
		Net Increase (Decrease) in Rev. & Exp.			<u>942,506</u>			<u>942,506</u>

8. Review & Action — Aquatics Center Lighting Bid Award*(10 minutes)*

The Council will review and consider bids received for lighting of the Aquatics Center enabling later hours of pool use and increased rental times. Staff recommends approval of the low bid to Alliant Electric for \$112,000.

The Parks & Recreation Department solicited bids for the Aquatics Center Lighting upgrade project that has been discussed in prior City Council meetings. The low bidder is Alliant Electric with a bid of \$112,000. Director Bateman will be available to review the project and estimated pay-back period from increased revenues enabled through a lighting project.

Sample Motion: I move to (award, reject) the Aquatics Center Lighting Project to the low bidder, Alliant Electric, with their bid of \$112,000.

01.10.2017

Memo

To
Adam Cowie

From
Heath

CC

Re
Aquatics Center Light Bid
Results

Comments:

Hello Adam, here are the results from the Light Bid for the Aquatics Center

I recommend we hire Alliant Electric and add lights to the Aquatics Center

Lights will be funded \$75,000 from the RDA and \$40,000 from PARC Tax.

Company	Base	Restoration	Total
Alliant Electric	\$ 107,000.00	\$ 5,000.00	\$ 112,000.00
MDW Electric	\$ 113,212.00	No	\$ 113,212.00
Surge	\$ 139,657.40	No	\$ 139,657.40
Black and McDonald	\$ 159,101.00	included	\$ 159,101.00
Wasatch Electric	\$ 159,595.00	No	\$ 159,595.00
Hidden Peak	\$ 166,700.00	\$ 7,800.00	\$ 174,500.00

Heath Bateman

Lindon Parks & Recreation

Tel 801-769-8628
Fax 801-785-4310

25 North Main
Lindon, Utah 84042

Lindoncity.org



9. Major Subdivision — Anderson Farms Subdivision, Plat B, ~330 North 1500 West *(15 minutes)*

Ken Watson, on behalf of Ivory Development, LLC, seeks preliminary plan approval of a forty-eight (48) lot (and one parcel "A") subdivision, including dedication of public streets, at approximately 330 North 1500 West, in the Anderson Farms Planned Development (AFPD) zone.

See attached information from the Planning Department.

Major Subdivision — Anderson Farms Plat B approx. 330 North 1500 West

<p>Applicant: Ivory Development, LLC Presenting Staff: Hugh Van Wagenen</p> <p>General Plan: Residential High Current Zone: Anderson Farms Planned Development zone</p> <p>Property Owners: Ivory Development, LLC Address: ~330 North 1500 West Parcel IDs: portion of 14:063:0071 Subdivision Acreage: 13.8 acres</p> <p>Type of Decision: Administrative Planning Commission Decision: Recommended approval with the first three listed conditions in a 6-0 vote. Condition four is being recommended now after a recent meeting with the applicant.</p>	<p><u>SUMMARY OF KEY ISSUES</u></p> <ol style="list-style-type: none"> Whether to approve a 48 lot residential subdivision in the Anderson Farms Planned Development zone. <p><u>MOTION</u> I move to (<i>approve, deny, continue</i>) the applicant's request for approval of a 48 lot residential subdivision to be known as Anderson Farms Plat B with the following conditions:</p> <ol style="list-style-type: none"> Address storm drainage concerns of the City Engineer. Developer be responsible to pump groundwater collected by the land drain system until the groundwater pump station is operational. Off-site sewer, ground water, and pressure irrigation system pump station and off-site sewer force main and pressure irrigation line shall be constructed and functional before any homes can be occupied or culinary water service is provided to any homes. The round-about be designed to ensure safety to the satisfaction of the City Engineer or some other satisfactory intersection be approved.
---	---

BACKGROUND

- This is the second phase of the Anderson Farms Planned Development which was approved by Development Agreement between Lindon City and Ivory Development, LLC in June of 2016. Plat B consists of 48 units in what is considered Parcel B of the Anderson Farms concept plan.

DISCUSSION & ANALYSIS

Development of Anderson Farms is governed by the Anderson Farms Master Development Agreement. All standards are referred to here are a part of that Agreement.

Lot Requirements

- The average lot size of Plat B is 7,426 s.f. with the largest lot being 11,509 s.f. and the smallest being 6,127 s.f. These lots are consistent with the concept plan.
- Parcel A is a storm water detention basin and is a non-buildable parcel.

Street Improvements

- New roads will be built to serve the subdivision including a portion of Anderson Blvd. which will tie in to the existing 500 North and the associated round about. Curb, gutter and sidewalk will be installed along the new local streets in addition to six foot planter strips. There are several different cross sections for this phase. Please refer to the attached cross sections for details.
- The round-about design is being finalized. The location may need to shift slightly and the diameter be enlarged. If changes to the design affect the lot layout significantly, a different intersection may be considered. A recommended condition of approval is that a final design for the round-about/intersection be approved by the City Engineer.

Utility Requirements

- This second plat will require a combination sewer, ground water, and pressure irrigation system pump station with associated off-site lines to be built (they were also required for Plat A). Once built, this infrastructure will serve the remainder of the development. These systems will need to be operational before any certificates of occupancy are approved. Please see the motion above for recommended conditions of approval.

Other Requirements

- No park improvements are required at this time.
- A six foot masonry wall will run along Anderson Boulevard and Lancaster Way on the backside of the home lots. The Council may want to consider not having the wall adjacent to Parcel A on Anderson Boulevard, the storm water detention area so it can act as accessible open space to the neighborhood.

MOTION

1. See above

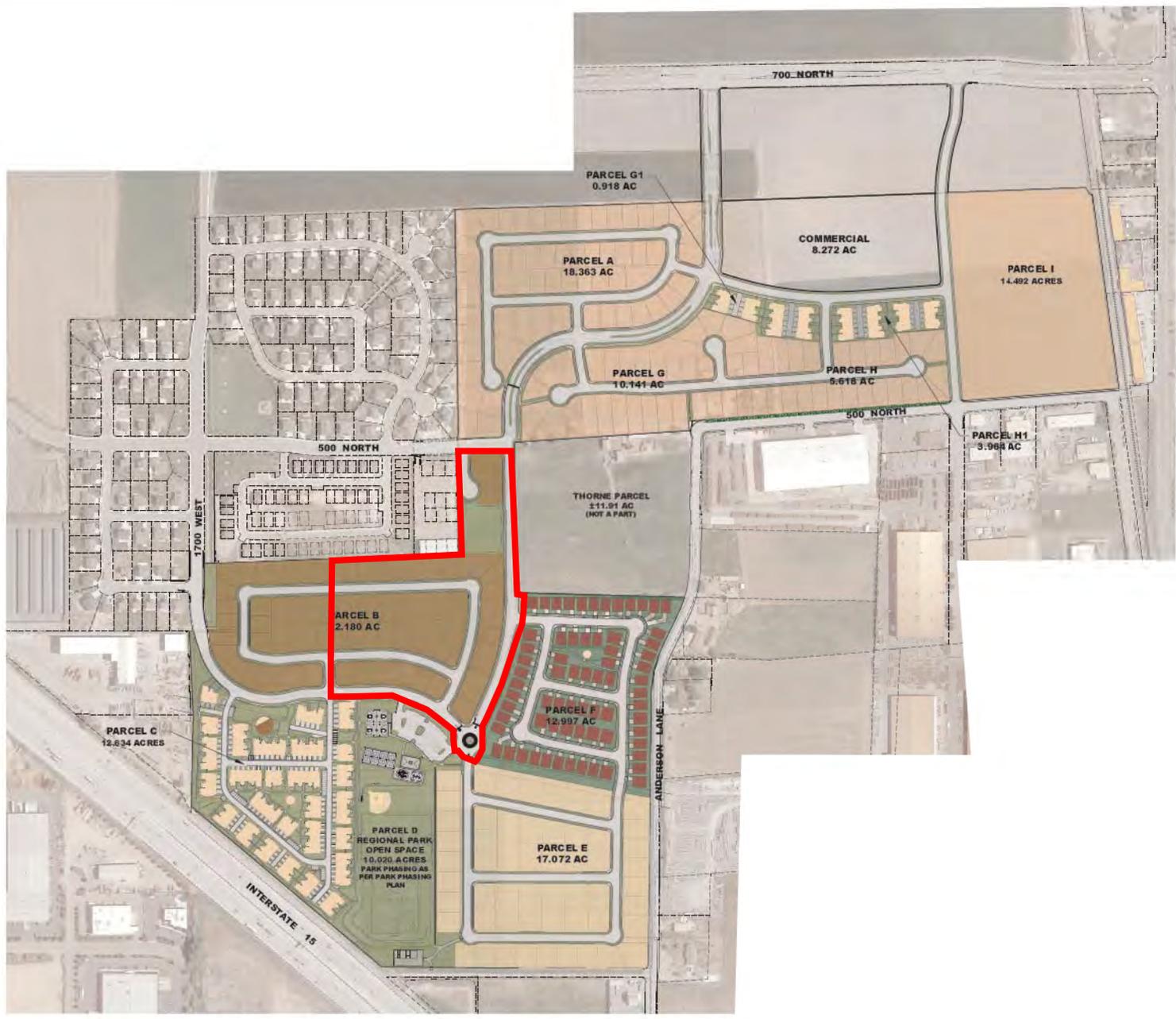
ATTACHMENTS

1. Aerial photo of the proposed subdivision.
2. Concept plan
3. Preliminary Anderson Farms Plat B
4. Street cross sections
5. Off-site utility maps



LEI
- A Utah Corporation -
ENGINEERS
SURVEYORS
PLANNERS

3302 N. Main Street
Spanish Fork, UT 84603
Phone: 801.788.0055
Fax: 801.788.9388
office@lei-ng.com
www.lei-ng.com



ANDERSON FARMS
LINDON, UTAH
EXHIBIT C - PROPOSED LAYOUT OF PARCELS

NO.	REVISION

LEI PROJECT #:
2013-1845
DRAWN BY:
BLS
CHECKED BY:
GDM
SCALE:
1" = 200'
DATE:
5/2/2016
SHEET

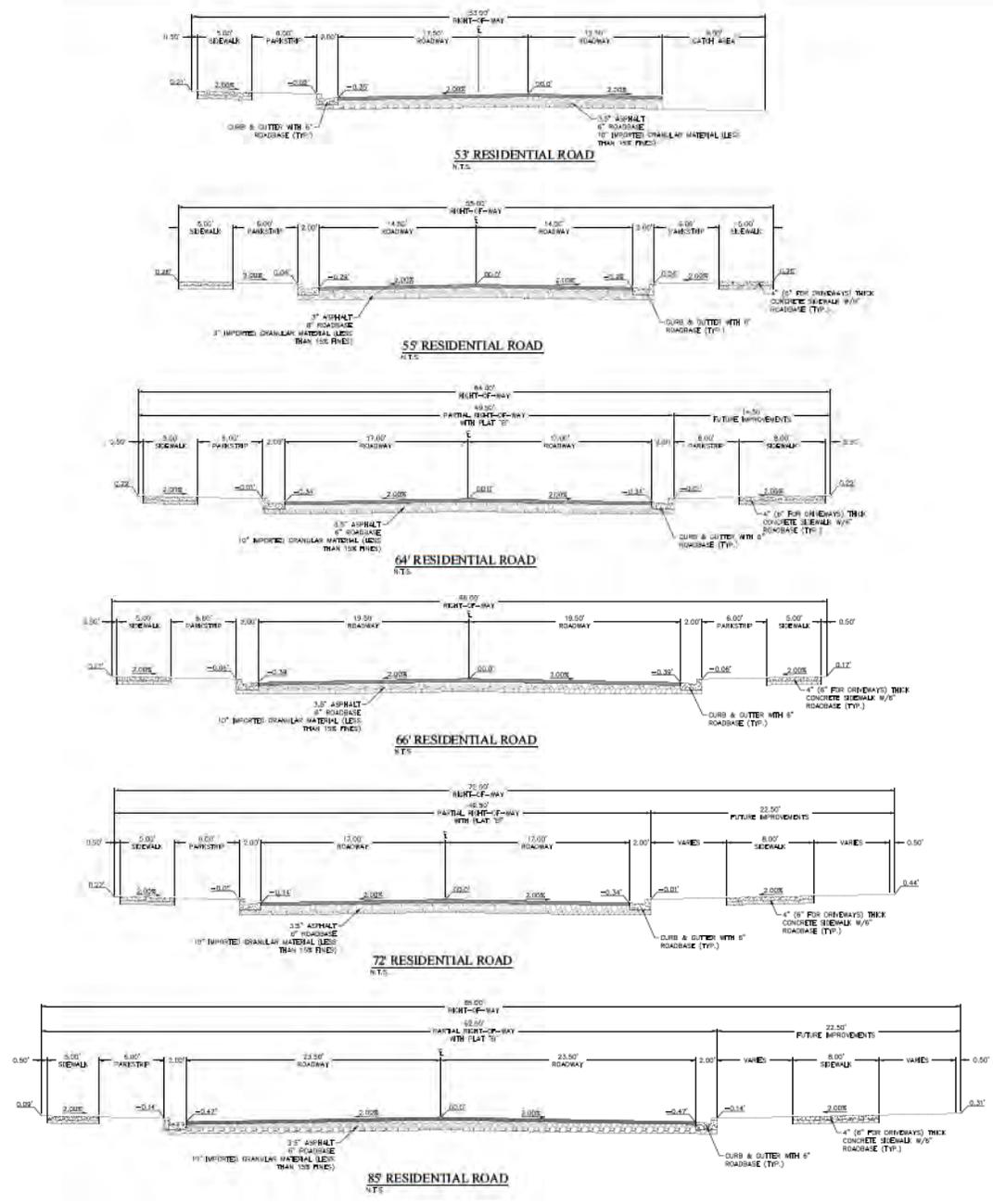
IVORY HOMES
3340 BIRCH CREEK STREET
LEHI, UT 84043
(801) 437-4900

C

UTAH STATE SURVEYOR: JAMES ANDERSON, LICENSE #20070, 150 EAST CENTER STREET, SALT LAKE CITY, UT 84103



ANDERSON FARMS - PLAT B
LINDON CITY, UTAH
ROAD CROSS SECTIONS



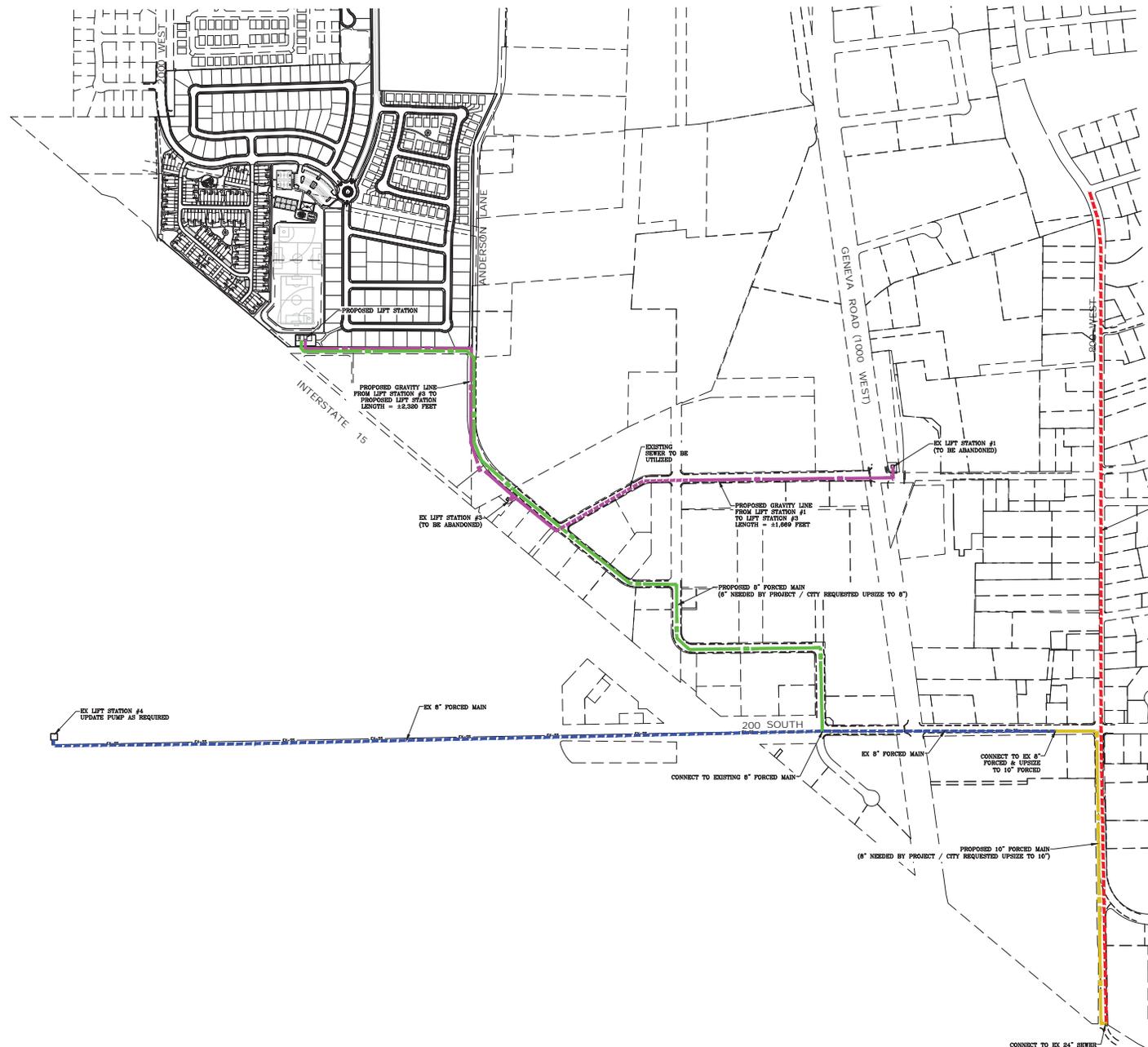
REVISION BLOCK	
#	DATE

ROAD CROSS SECTIONS

Scale: 1"=30'
Date: 12/12/2016
Drawn: BP
Appr: 16-355

C4

C:\Users\jrc233\Documents\Anderson Farms Plat B\Anderson Farms Plat B.dwg (12/12/2016) 16:35:55



LEGEND

- EX. 8" PRESSURE SEWER LINE
- 8" PRESSURE SEWER LINE
- 10" PRESSURE SEWER LINE
- EX. 18" GRAVITY SEWER LINE
- EX. GRAVITY SEWER LINE
- PROPOSED GRAVITY SEWER LINE (SIZE TO BE DETERMINED)

IVORY HOMES
 3340 NORTH CENTER STREET
 1220, UT, 84043
 (801) 497-9800

ANDERSON FARMS - PLAT "A" PRELIMINARY PLAN
 LINDON, UTAH
OFFSITE SEWER PLAN

REVISIONS

1.	
2.	
3.	
4.	
5.	

LEI PROJECT #
2013-1845
 DRAWN BY:
 BLS
 CHECKED BY:
 GDM
 SCALE:
1" = 300'
 DATE:
6/3/2016

SHEET
7

U:\LAND DESKTOP PROJECTS\13-HAS ANDERSON FARMS\DWG\DWG\13-HAS OFFSITE S-100-REV-001.DWG
 6/3/2016 8:47 AM



LEGEND

	4" PROPOSED PI LINE
	6" EXISTING PI LINE
	6" PROPOSED PI LINE
	8" PROPOSED PI LINE
	10" PROPOSED PI LINE

- NOTES**
1. VALVES ARE NOT SHOWN ON THIS PLAN FOR CLARITY PURPOSES. AS PRELIMINARY PLANS ARE COMPLETED, VALVES, AND OTHER REQUIRED INFRASTRUCTURE WILL BE SHOWN ACCORDING TO LINDON CITY STANDARDS.
 2. EXISTING IRRIGATION WELLS TO BE ABANDONED PER DEVELOPMENT FRASING.
 3. OFFSITE PI CONNECTION TO BE COMPLETED ACCORDING TO SCHEDULE WITHIN MASTER DEVELOPMENT AGREEMENT.

ANDERSON FARMS - PLAT "A" PRELIMINARY PLAN
 LINDON, UTAH
 OFFSITE PRESSURE IRRIGATION PLAN

REVISIONS	
1.	
2.	
3.	
4.	
5.	
LEI PROJECT #	2013-1845
DRAWN BY:	BLS
CHECKED BY:	GDM
SCALE:	1" = 200'
DATE:	6/3/2016
SHEET	8

U:\LAND DESIG\PROJECTS\13-1845 ANDERSON FARMS\DWG\DWG13-1845-08.DWG PLOT D-HDR REV. 06/03/2016 12:17 PM

10. Concept Review – Legacy Plaza, 730 N. State Street*(20 minutes)*

Roy Morgan, Roy's Auto Services, requests feedback on proposed improvements and zoning for automotive repair at 730 N. State Street. The property is currently in the General Commercial (CG) zone. General Auto/Vehicle Repair is not a permitted use in the CG zone. As a concept review, feedback is requested but no formal action will be taken.

See attached information from the Planning Department.

Concept Review — Legacy Plaza, 730 N. State St.

Roy Morgan, Roy's Auto Services, requests feedback on proposed improvements and zoning for automotive repair at 730 N. State Street. The property is currently in the General Commercial (CG) zone. General Auto/Vehicle Repair is not a permitted use in the CG zone. As a concept review, feedback is requested but no formal action is taken.

<p>Applicant: Roy Morgan Presenting Staff: Brandon Snyder</p> <p>General Plan: Commercial Zone: General Commercial (CG)</p> <p>Property Owner: Ed Rickers Address: 730 N. State St. Parcel: 14:046:0067 and 70 Lot Size: 0.497 acres (21,649.32 sq. ft.)</p> <p>Type of Decision: None Council Action Required: No</p>	<p><u>SUMMARY OF KEY ITEMS</u></p> <ol style="list-style-type: none"> 1. This is a concept review to receive feedback from the Planning Commission and City Council regarding the applicant's proposal. <p><u>MOTION</u> No motion necessary.</p>
--	---

OVERVIEW

A Concept Review allows applicants to quickly receive Planning Commission and City Council feedback and comments on proposed projects. No formal approvals or motions are given, but general suggestions or recommendations are typically provided.



The applicant is interested in utilizing the site for General Auto/Vehicle Repair. The applicant specializes in Volvo maintenance and repair. The applicant has submitted a conceptual layout (attached site plan), which would include the demolition and removal of the existing structure(s).

PLANNING COMMISSION REVIEW

The Planning Commission reviewed the proposed concept on January 10, 2017. The Planning Commission generally felt it may be appropriate to develop conditions similar to those identified for vehicle sales lots (as found in Lindon City Code 17.48.200). The Planning Commission indicated to the applicant that further discussion and approval is needed in order to take that course of action. (Application and fees would also be required). The Planning Commission voiced the following concerns:

1. Is it appropriate to amend the land use table to allow general auto/vehicle repair as a permitted use or conditional use in all areas currently in the General Commercial (CG) zone?
2. It is not appropriate to consider rezoning only this parcel to allow the proposed concept.
3. Concerns with the use in general include:
 - a. Outdoor storage of parts and materials
 - b. Outdoor storage of damaged, dismantled or inoperable vehicles
 - c. Shift the focus off of the use and more to (favorable) site improvements and amenities (site must bring buildings up to meet building materials and other design standards)
4. Concerns with the site:
 - a. Current conditions of the building and site
 - b. Lack of landscaping (street frontage)
 - c. Lack of parking (in front of the building)

Lindon City General Plan: Land Use

Commercial Land Uses provide a variety of goods and services to the people who visit, live, and work in Lindon. It is the purpose of the commercial area to provide areas in appropriate locations where a combination of business, commercial, entertainment, and related activities may be established, maintained, and protected. Commercial use areas should be located along major arterial streets for high visibility and traffic volumes.

- General Commercial: This category includes retail and service oriented businesses, and shopping centers which serve community and regional needs. Includes areas typically zoned CG, PC-1, and PC-2.

The goal of commercial development is to encourage the establishment and development of basic retail and commercial stores which will satisfy the ordinary and special shopping needs of Lindon citizens, enhance the City's sales and property tax revenues, and provide the highest quality goods and services for area residents. Objectives of this goal are to:

1. Expand the range of retail and commercial goods and services available within the community.
4. Promote new office, retail, and commercial development along State Street and 700 North.
5. Encourage development of commercial facilities, such as hotels, restaurants and vehicle-related services at transportation interchanges.

Lindon City Code: Chapter 17.48 Commercial Zones

Section 17.48.010 General provisions. The Commercial Ordinance is established to promote commercial and service uses for general community shopping. The objective in establishing commercial zones is to provide areas within the City where commercial and service uses may be located. These zones include the General Commercial Zones (CG, CG-A, CG-A8, CG-S) Lindon Village Commercial Zone and the Planned Commercial (PC-1 and PC-2) Zones. For a full list of permitted uses in these zones, refer to the Standard Land Use Table in appendix A.



ATTACHMENTS

- 1. Site Plan

25,000 sq LOT

5,000 sq LANDSCAPE

SCALE: 1" = 20'



- ① TRASH ENCLOSURE
- ② SHOP BATHROOM
- ③ OFFICE
- ④ OFFICE BATHROOM
- ⑤ RECEPTION
- ⑥ WAITING AREA
- ⑦ AUTO SHOP
- ⑧ 720 sq OFFICE/WAR 5 (TYP)
- ⑨ STORM WATER RE

"LEGACY PLAZA"

STATE ST.

II. Review & Action — Resolution #2017-5-R; Grant Funding for North Union Canal Piping *(10 mins)*

The Council will review and consider Resolution #2017-5-R supporting submittal of the WaterSMART: Water and Energy Efficiency Grant and committing \$300,000 in grant match funding for piping of significant sections of the North Union Canal in order to maintain this system improvement and reduce water loss.

Lindon City has been working with the North Union Irrigation Company to maintain the North Union Canal. Significant water loss from the canal has been documented. This canal is a critical water delivery infrastructure for the Lindon Secondary Water System. The City also owns approximately 60%+ shares of the North Union Irrigation Company water stock. Maintaining and preserving the North Union Canal and the water it delivers is critical to the ability of Lindon to deliver secondary water to its residents and businesses.

With the documented water losses in the canal, the City has been working to apply for grant opportunities to pipe the canal. This WaterSMART grant through the Bureau of Reclamation (BOR) is our best opportunity so far to obtain funding at levels needed to pipe large sections of the canal.

In order to best compete for the funding, a significant match is scored higher on by the BOR. Staff recommends applying for \$600,000 in funding with a commitment by Lindon City to match 50% (\$300,000) of the grant. North Union Irrigation Company has committed to contribute \$15,000 to the project. If awarded, the funds would be needed in FY2018, with the project most likely being completed in the spring of 2018. No change in the current fiscal year budget is required.

See attached DRAFT grant application and letters of support received thus far.

Sample Motion: I move to (approve, deny, continue) Resolution #2017-5-R supporting the WaterSMART grant application and committing \$300,000 matching funds towards piping of the North Union Canal if the grant is awarded.

RESOLUTION NO. 2017-5-R

A RESOLUTION OF THE CITY COUNCIL OF LINDON CITY, UTAH COUNTY, UTAH, SUPPORTING SUBMITTAL OF THE BUREAU OF RECLAMATION WATERSMART GRANT APPLICATION TO SECURE GRANT FUNDING TO AID IN PIPING THE NORTH UNION CANAL, AND COMMITTING \$300,000 IN CITY FUNDING TOWARDS THE PROJECT, AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Lindon City is a majority shareholder in the North Union Canal (Canal) which provides secondary water to City residents and businesses and said Canal is a critical piece of infrastructure necessary to deliver secondary water to the City; and

WHEREAS, the City has documented significant water losses from the Canal and that piping the Canal is the best alternative to conserve and retain the water; and

WHEREAS, the City sees the need to construct System Improvements to improve water and energy conservation and efficiency; and

WHEREAS, piping of the Canal is in the best long-term interest of the public; and

WHEREAS, The City and North Union Irrigation Company desire to obtain grant funding from the U.S. Bureau of Reclamation through the WaterSMART: Water and Energy Efficiency Grant Program.

NOW, THEREFORE, BE IT RESOLVED by the City Council of Lindon City, Utah County, State of Utah, as follows:

1. The Lindon City Council supports the submittal of the WaterSMART: Water and Energy Efficiency Grant application.
2. The City is capable of providing the amount of funding specified in the funding plan (\$300,000) and commits this funding towards the project.
3. If selected for a WaterSMART grant, the City will work with the Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement.
4. The City commits to all financial and legal obligations associated with receipt of a financial assistance award under the Bureau of Reclamation.

PASSED AND ADOPTED by the Lindon City Council on this the 17th day of January, 2017.

Jeff Acerson, Mayor

ATTEST:

Kathryn A. Moosman, City Recorder

SEAL:

SF-424 Application for Federal Assistance



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Executive Summary

Date: January 18, 2017

Applicant Name: Lindon City, Utah

City, County, State: Lindon, Utah, Utah

Project Funding Request: \$258,922.00

Project Summary

The North Union Canal Piping Project will pipe 1,325 linear feet in two sections of deteriorating concrete-lined canal running through developed neighborhoods and commercial areas in Lindon City. According to a water loss study performed by NRCS, nearly 23.16% of water, or 602.7 acre-feet annually is lost in the canal in the failing section from 400 East to the Zone III Reservoir; 1.4%, or 33 acre-feet, is lost in a 475-foot section at 200 South. These improvements will solve several existing and future system deficiencies including water loss and risk to residents. Water seepage and overflow from the under-sized canal leaks into yards and basements of nearby houses. Water saved by this project will contribute to energy generation along the Provo River as Lindon City will divert less water from the river above a hydropower generation plant.

This project will conserve a total of 635.7 acre-feet annually in conveyance losses. This amount constitutes about 32% of 2,000 acre feet the City receives from the canal annually.

By contributing more water to hydropower generation, this project will produce 95,355 kWh of energy and save \$34,964 in power loss charges each year.

Estimated Schedule

Environmental work and design of the North Union Canal Piping will begin upon agreement with USBR in October 2017. The design will be completed and project bidding will occur July to August 2018 for construction beginning after the water is out of the canal in October 2018. Construction will be substantially complete by April 2019 and the new pipe will be in service by late April 2019. Final completion of incidental project work and final reports will be completed in May of 2019.

Federal Facility

Lindon City receives water through the North Union Canal which delivers water from Jordanelle and Deer Creek Reservoirs, both Reclamation projects. The City has 924 acre-feet of contract water from the Jordanelle Project, part of Reclamation's Central Utah Project. The City also owns a share in the Central Utah Project. Deer Creek Dam and Reservoir are part of Reclamation's Provo River Project.

Background Data

Lindon City, a suburban community located 37 miles south of Salt Lake City, is home to 10,810 residents. The City extends east to the Wasatch Mountains and west to Utah Lake. Being located near major employment and education centers, Lindon has seen steady growth and changing land uses over the last decade.

The City and its leaders have worked diligently to ensure adequate water for current and future residents, businesses and institutions. To meet demands, the City constructed a pressure irrigation system which began service in 1993. The North Union Canal (NUC), fed with a diversion from the Provo River, is the primary delivery system of water into the City's pressure irrigation system. Lindon is a majority shareholder in the NUC and has worked in partnership with the irrigation company to improve water supply sustainability, conservation and management.

Need

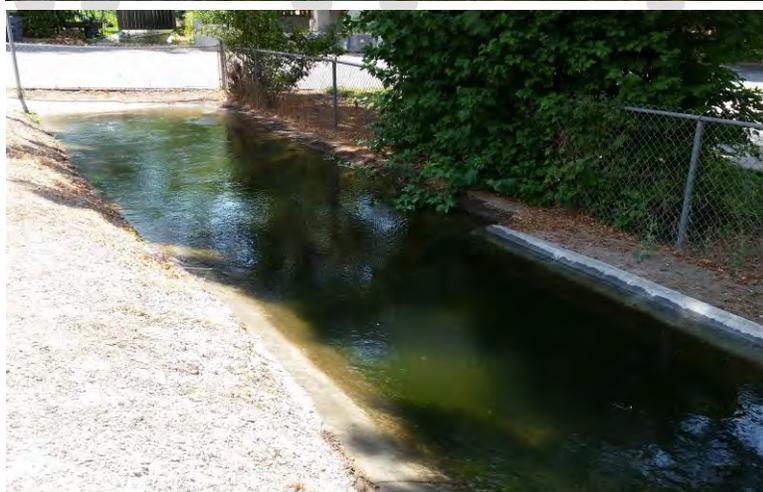
The NUIC system is mainly comprised of a crumbling open canal running through developed suburban communities. The open canal creates many problems for water supply, delivery, maintenance, and nuisance water in adjacent properties.

System Deterioration

The North Union Canal was originally constructed between 1852 and 1864. Concrete liner was added in the 1940s and 1950s. The concrete liner in many areas is deteriorating and cracking causing water losses through seepage. In the most urgent section to be addressed by the proposed project, the liner has collapsed, creating cavities behind the liner wherein significant water losses are occurring.

Water Losses

An NRCS study conducted in September 2016 (See Attachment A) determined that the loss rate over the length of the canal in Lindon was 31% or 905.5 acre-feet annually. In the two sections that will be piped as part of this project, the annual losses total 635.7 acre-feet. The major section to be piped creates 602.7 acre-feet



The canal does not have the capacity to carry the full water right and water is lost as it spills over the bank.

of the total 905.5 acre-feet in losses; about 66% of the canal losses are realized in this urgent section.

Limited Capacity

The current capacity of the NUC is insufficient to carry the City's full flow right from the river. At only 8 feet wide, during peak flow times the canal spills over the edge in some areas. Due to slope, the current maximum capacity ranges from 13.6 cfs to 22.3 cfs depending on the section. Once the canal is piped, the capacity will increase.

Risk to Residents

The canal winds through neighborhoods and along backyards. The failing liner causes seepage into adjacent yards. Because of this nuisance water, homeowners in some parts of the City must operate small pump systems to prevent their basements from flooding.



Cracking in the concrete liner causes water to seep into adjacent yards and properties.

Maintenance Concerns

The open canals create continual maintenance issues for the City and the irrigation company. The canal runs through private yards with limited space on either side. There is no access road for irrigation company personnel. The canal is too narrow to accommodate large equipment so repairs and cleaning must be done with smaller, less efficient equipment or manual tools. The water master and his crew must walk the ditch with rakes and shovels to remove debris and weeds. Weeds, moss and debris build up and impede water flow and cause spillage. Large trees have grown on the edge of the canal lifting and pushing the concrete liner.



Debris must be removed manually because of the limited space available to access the canal.

Lack of Information

Lindon City and the North Union Irrigation Company have concerns about the best management of the water in their system. The measurement devices that do exist have not been functional for many years. Without this data, City officials and NUIC personnel do not have sound data as to water usage and availability.

Solutions

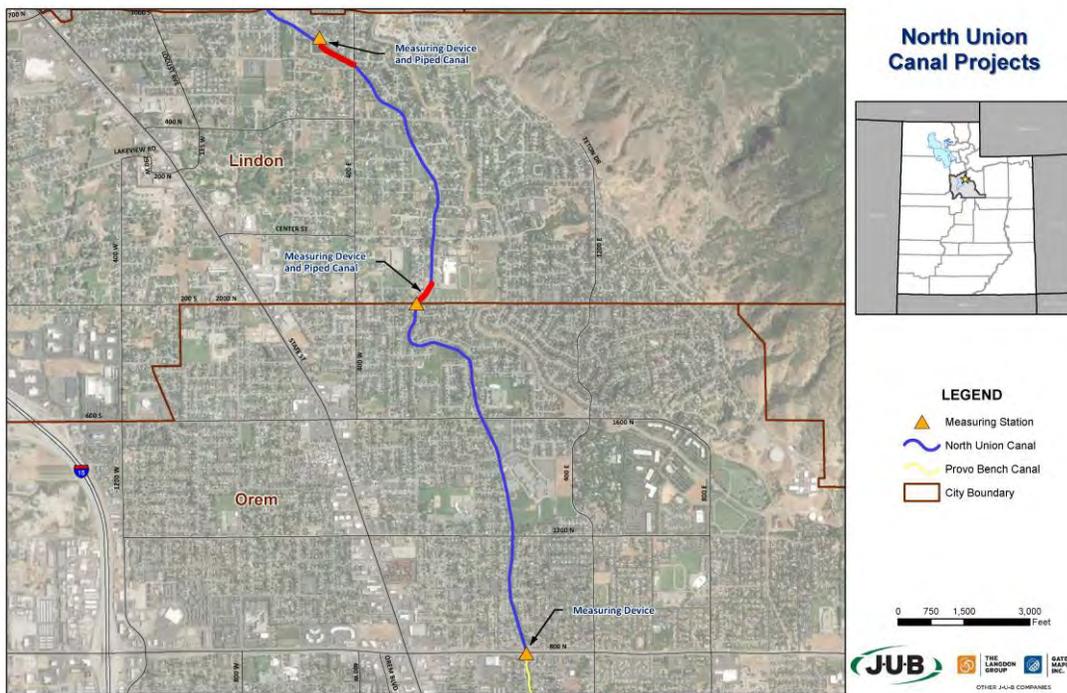
Replacing the open canal with an enclosed piped system would resolve the issues from an aging, open canal. There would no longer be massive delivery and evaporative water losses. Nearby properties would no longer be at risk of seepage and nuisance water. The irrigation company would not need to manually maintain miles of canal.

Measuring devices will give the City and Irrigation Company the ability to more efficiently manage their water to meet real-time needs.

The proposed WaterSMART project is an important step in moving toward an efficient, effective irrigation system in Lindon.

Map

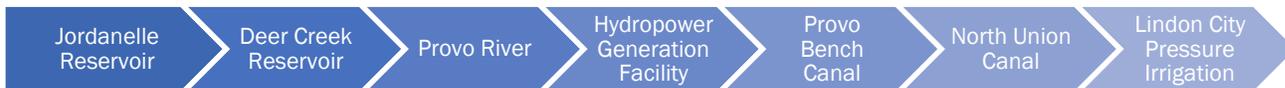
Please see Attachment B for a larger map.



Sources of Water Supply

Reservoirs and Provo River

The NUC provides primary delivery of water to Lindon City’s pressure irrigation system. The NUC is fed by the Provo Bench Canal which receives a diversion from the Provo River at the mouth of Provo Canyon.



Alpine Aqueduct

Due to insufficient water supply from their river diversion, Lindon City must often take water from the Alpine Aqueduct which also receives water from the Provo River. However, the aqueduct water is diverted before a power generation plant so when the City uses aqueduct water they must pay a power loss charge.

The 21-mile long Alpine Aqueduct is also used for drinking water. It tunnels through a nearby ridge then continues in a concrete pipeline to the Utah Valley Water Treatment Plant in Orem. Treated water is then delivered from the plant to north Utah County communities by a continuation of the Alpine Aqueduct, branching reaches, and various other distribution systems.



Water Rights Involved

Lindon City and other North Union Canal shareholders have a flow right of the Provo River by decree, but the flow right can be reduced depending on how much water is actually available in the river.

Flow Right by Decree

Period	No. Days	North Union (cfs/share)	Provo Bench (cfs/share)
April 15 to May 10	26	0.02156	0.04074
May 11 to June 20	41	0.02647	0.05000
June 21 to July 20	30	0.02395	0.04525
July 21 to October 15	87	0.02156	0.04074

LINDON CITY-OWNED WATER SHARES	
Source	# of Shares
North Union Canal (NUC) shares	618.832
Trade with Orem City for additional NUC shares	141.985
Rent shares in NUC	11
Total NUC shares owned by Lindon City	771.817 (57.6% of total NUC shares (1,340.37))
Provo Bench Canal (PBC) shares	92.18
Rent PBC shares from Alpine School District	26.050
Total PBC shares owned by Lindon City	118.23 (6% of total PBC shares (1,997))

Current Water Uses

Lindon City's water is used primarily to water lawns and gardens. The City and its residents value green space and open space. There are some small agricultural users with orchards, fields and pastures.

Number of Water Users Served

The following Table identifies the number of service connections to Lindon's pressure irrigation system.

Service Size	Number
1 – inch	2,268
1 1/2 – inch	82
2 – inch	74
4 - inch	1

Total	2,425
-------	-------

Current and Projected Water Demand

In 2014, City irrigation water use totaled approximately 3,821.3 ac-ft per year, or 622 gallons of water per capita per day during the 192-day irrigation season.

The City has seen steady population growth at a rate of 7.3% between 2010 and 2015. The build-out population projection is approximately 14,000 residents by the year 2040.

If water usage continues at current levels, the City will use 8,708,000 gallons of water or 26.72 acre feet per day; 5,130.24 acre-feet during the irrigation season.

Potential Shortfalls in Water Supply

Utah is continually subject to drought; it is the second driest state in the nation. This region of the State has been specifically impacted by drought. In 2016 Utah Lake water level was around 49% of normal. The Provo River, which supplies water to the North Union Canal, accounts for 36% of the inflow into Utah Lake.

If river flows are low, then Lindon City’s flow right is reduced. For example, in 1992, a particularly low river flow year, the NUC could only take 30-50% of its right during the hottest, driest part of the irrigation season.

TIME PERIOD	PERCENT RIVER	DAYS
1992 Water Year River Flows		
April 15 to April 27	100%	13
April 28 to April 30	60%	3
May 1 to May 4	60%	4
May 5 to May 10	100%	6
May 11 to June 2	100%	23
June 3 to June 20	70%	18
June 21 to June 22	70%	2
June 23 to July 20	50%	28

July 21 to August 26	50%	37
August 27 to Sept. 18	30%	23
Sept. 19 to Sept. 30	40%	12
October 1 to October 15	100%	15

If Lindon City and the North Union Irrigation Company do not make improvements to conserve water, the system will not be able to meet future demands.

Delivery System Description

	Full North Union Canal (Orem and Lindon)	North Union Canal (in Lindon City)
Miles of Canals	19,085 feet	9,800 feet
Turnouts and Diversions to Municipalities	7 (6 turnouts and 1 diversion to Lindon's Reservoir 3)	3 (2 turnouts and 1 diversion to Lindon's Reservoir 3)
Municipal Connections		2,425

Current Energy Sources and Uses

Each acre-foot of water that is delivered through the North Union Canal passes through the hydropower generation plant on the Provo River and generates about 300 kWh per acre foot. Some of the water must then be pumped to build pressure which uses about 150 kWh per acre foot at a net gain of 150 kWh.

When water demand is greater than Lindon City's flow right or the amount that the NUC can deliver, the City takes water from the Alpine Aqueduct. Because the aqueduct diversion is above the power plant, the water cannot be used to generate power. Lindon City must then pay a power loss charge for using aqueduct water. The cost to deliver water via the Alpine Aqueduct is \$55 per acre-foot and a loss of a potential 150 kWh per acre-foot.

By more efficiently using the City's flow right, this project will save the City \$34,964 and create 95,355 kWh of energy.

Relationship with Reclamation

The North Union Canal (NUC) receives water from Jordanelle and Deer Creek Reservoirs, both part of Reclamation's Provo River Project.

Project Description

The proposed project will pipe 1,325 linear feet of deteriorating concrete-lined canal and with 48-inch concrete pipe (see Attachment B for a map of the project location). Any conflicting existing utilities in the proposed pipe alignment will be relocated. Access points for cleaning and general maintenance will be located every 300 feet. The piped alignment will be reseeded after installation to beautify the area and create an aesthetically pleasing finished product. Measuring devices and telemetry will be installed at three locations to provide information to better manage the water in the system. Two of these units will be solar-powered.

This project will solve several existing and future system deficiencies including water loss and risk to downgrade residents. According to a water loss study performed by NRCS approximately 23.16% of water is lost in this section of the canal to be piped. This water flows through cracks in the concrete lining and later appears downhill in power boxes, utility boxes, residents' basements, and streets. Piping the canal would lower risk in areas like these and those where the lining has deteriorated to a point where a collapse occurred. The risk of similar collapses is high and the damage could be much more significant.

Piped sections would also increase flow capacity by up to four times the canal's current capacity. The canal is undersized to accept the full flow right during higher flows. It would also eliminate maintenance problems such as vegetation growth, significant silting, or the chance of large debris entering the flow. This significant increase in the canal's delivery capacity, reliability, and flexibility will help mitigate the variability of the canal's supply.

Project Milestones

1. **Environmental Assessment.** An environmental document will be prepared in compliance with NEPA.

2. **Engineering Design.** Lindon City will contract with a professional engineer to provide piping design and design of turnouts and access points.
3. **Permitting.**
4. **Bidding.** The City will seek bids from qualified bidders in a competitive bidding process.
5. **Construction.** A Contractor will complete the removal and disposal of the concrete canal; install the new pipe, turnouts, and access points. The area will then be reseeded.
6. **Operation.** When construction is complete the new pipe will be put into operation for the irrigation season.

Evaluation Criteria

Evaluation Criterion A: Quantifiable Water Savings

Amount of Water Saved

Estimated amount of water saved in acre-feet per year: **635.7 acre feet**

In September 2016, the Utah NRCS State Hydraulic Engineering performed a Water Loss Study on the North Union Canal. Flowrate measurements were taken over two days to determine water losses on the canal. An Acoustic Doppler Current Profiler (ADCP) Streampro was used to measure flowrates in the canal.

This report determined that overall the canal loss rate in Lindon is 31%. In the two sections that will be piped the losses are 23.16% and 1.14% respectively. The water savings calculation is based on the assumptions that (1) Lindon receives 2,000 acre-feet at the reservoir annually and (2) the losses measured by NRCS are constant during the entire irrigation season.

Conserved Water

The conserved water will remain in Jordanelle and Deer Creek Reservoirs to contribute to instream flows in the Provo River. If Lindon City can use its river flow right more efficiently, it will not need to take additional water from the Alpine Aqueduct, leaving more water in the Provo River.

The Provo River empties into Utah Lake. The conserved water would support the Provo River Delta Restoration Project which involves the U.S. Fish and Wildlife Service, the U.S. Army Corps of Engineers, the U.S. Bureau of Reclamation, the Federal Aviation Administration (FAA), the State of Utah, Provo City, and Utah County.

Protection of instream flows is also identified in the June Sucker Recovery Plan by the U.S. Fish and Wildlife Service. The June Sucker is a federally listed endangered species with critical habitat in Utah Lake and the Provo River. This project will allow water to stay in the reservoirs and river to improve the June Sucker habitat.

Post-Project Seepage/Leakage Loses

Leakage and seepage loses will be eliminated along this section of canal.

Anticipated Annual Transit Loss Reductions

When these canal sections are piped, there will be a reduction of transit losses of 635.7 acre-feet annually.

Materials Used

To pipe the canal 48-inch Class III reinforced concrete pipe will be used. Three measuring devices and telemetry will be installed. This equipment will be chosen based on proven technologies and cost efficiency.

Evaluation Criterion B: Water Sustainability Benefits

Instream Benefits to Endangered Species

The April 2015 Provo River Delta Restoration Project Environmental Impact Statement identifies three federally-listed endangered species in the Provo River Watershed.

- June sucker fish
- Ute-ladies'-tresses orchid
- Yellow-billed Cuckoo

The EIS describes actions needed to facilitate the recovery of June sucker in Utah Lake such as “restoring habitat conditions essential for spawning, hatching, larval transport, survival, rearing, and recruitment of June sucker on a self-sustaining basis.” One action identified is to “adopt flow regime targets for the lower Provo River and provide delivery of supplemental water to the lower Provo River, including additional conserved water.”

This project will allow Lindon City to use water more efficiently. Water no longer used by the City will remain in the Provo River to contribute to flows needed to sustain the June Sucker and provide water to Utah Lake which provides June Sucker habitat.

The June Sucker habitat is also threatened by sediment accumulation. Piping canals reduces nutrient and sediment loads often caused by open canals.

Water Supply Sustainability

Water supply sustainability is always a concern in the Utah Lake Basin. Utah is the fastest growing state in the nation and this growth puts a strain on already limited water supplies. Drought conditions exacerbate water supply concerns. In 2016 Utah Lake’s water level was around 49% of normal. The Provo River, which supplies water to the North Union Canal, accounts for 36% of the inflow into Utah Lake. Longstanding drought conditions made the lake levels low and stagnant. During the hot summer of 2016, Utah Lake had severe blue-green algae blooms covering about 90% of the lake. The algae blooms pose a serious health risk to people and wildlife. Utah Lake is used by other communities as a source of secondary water, but was unavailable for much of the summer. This put a strain on the entire watershed as additional water was needed from reservoirs and the Provo River.



Utah Lake Algae Bloom, 2016. (Image Source: The Salt Lake Tribune)

The proposed project will result in less water diverted from the River into the Alpine Aqueduct and the North Union Canal, therefore more water can remain in Jordanelle or Deer Creek for use during shortages due to drought and climate change. Piping the canal will also eliminate a capacity bottleneck in the North Union system which will allow Lindon City to take its full flow right to meet increasing demands.

Evaluation Criterion C: Energy-Water Nexus

Subcriterion C.1: Implementing Renewable Energy Projects Related to Water Management and Delivery

Hydropower Generation

Each acre-foot of water that is delivered through the North Union Canal passes through Central Utah Water Conservancy District's hydropower generation plant on the Provo River and generates

about 300 kWh per acre foot. Some of it must then be pumped to build pressure which uses about 150 kWh per acre foot at a net gain of 150 kWh.

When water demand is greater than Lindon City's flow right, the City takes water from the Alpine Aqueduct. Because the aqueduct diversion is above the power plant, the water can no longer be used to generate power. Lindon City must then pay a power loss charge for using aqueduct water. The cost to deliver water via the Alpine Aqueduct is \$55 per acre-foot and a loss of a potential 150 kWh per acre-foot.

$\$55 * 635.7 \text{ acre-feet saved} = \$34,964 \text{ per year}$

$150 \text{ kWh} * 635.7 \text{ acre feet saved} = 95,355 \text{ kWh per year}$

Power usage estimates from North Union Irrigation Company power bill.

Power generation estimates from Rich Tullis, Central Utah Water Conservancy District's hydropower generation plant.

Subcriterion No. C.2: Increasing Energy Efficiency in Water Management

Expected Energy Efficiencies

Lindon City will be installing measuring devices at three locations along the canal. Two of these units will be in locations where it is feasible to install solar-powered meters. Using these energy-efficient devices will help Lindon City better manage water without additional energy consumption.

Evaluation Criterion D: Addressing Adaptation Strategies in a WaterSMART Basin Study

In the 2013 *Colorado River Basin; Water Supply and Demand Study* there are 27 options submitted that related to municipal and industrial (M&I) conservation to reduce demand in areas receiving Colorado River supply. Many of these options were related to specific M&I conservation programs (e.g., metering, water accounting and loss control, public education, leak detection, irrigation efficiency, etc.) or targeted specific M&I water use sectors (e.g., golf courses, industrial

use) that might provide additional opportunities for conservation in the Colorado River Basin as a whole. This project would contribute to the irrigation efficiency goals identified in the Colorado River Basin Study. Lindon City service area has not yet been specifically addressed in a WaterSMART Basin Study.

Evaluation Criterion E: Expediting Future On-Farm Irrigation Improvements

Within Lindon City there are only very small agricultural users with orchards, alfalfa fields or gardens. The focus of this project will be improving the efficiency of water usage for Municipal and Industrial (M&I) purposes.

NRCS Relationship

In September 2016 NRCS conducted a water loss study of the North Union Canal at the request of Lindon City. The results of the study highlighted the dire need for system improvements and prompted this funding request to the USBR.

Evaluation Criterion F: Implementation and Results

Subcriterion F.1: Project Planning

The City completed a Water Conservation Plan in 2014 which identifies water conservation practices and strategies, including leak detection to improve the efficiency of the water system.

This specific project was prioritized because the NRCS Water Loss Study identified this section of the canal as having the highest water losses. The nuisance water entering the yards and basements of nearby residents also makes this a priority project for the City and Irrigation Company. This section is also a capacity-limiting bottleneck for the system. It is anticipated that once piped this section will give the system the capacity to carry its full flow right during much of the irrigation season.

Lindon City is located within Central Utah Water Conservancy District's (CUWCD) service area. In 2013 CUWCD participated in the effort to develop "Prepare 60: Statewide Water Infrastructure Plan". The plan identifies the need for \$730.5M in infrastructure spending between 2011 and

2020 and recommends conservation and watershed protection as needed actions in the Utah Lake Basin. This project will forward conservation areas in this water-short basin.

Subcriterion No. F.2: Support and Collaboration

The proposed project has the support of a variety of stakeholders. There is widespread support for the project as it also has widespread benefits beyond Lindon City. It will benefit water users and environmental recovery efforts throughout the Utah Lake Basin. The City has received letters of support or commitment from the following entities.

- *North Union Irrigation Company*
- *Central Utah Water Conservancy District (Jared Hansen)*
- *Provo Bench Canal*
- *Orem City*
- *Pleasant Grove City*
- *State Engineer (it was mentioned that someone from the State attends meetings with the City and the canal company?)*
- *Environmental groups or agencies in respect to the June Sucker or Utah Lake water quality*

The North Union Canal runs through three cities: Orem, Lindon and Pleasant Grove. It is imperative that these cities work together and coordinate water conservation efforts for the region. As Orem and Pleasant Grove and other surrounding communities see the benefits of piping the canal, they will have an example of water conservation and increased energy production and may be prompted to sponsor improvements in their cities.

In 2009, neighboring Orem City completed a concept report evaluating the possibility of creating a regional, multi-use trail system in the North Union Canal easement if the canal were to be piped and covered. The concept received positive feedback from the canal owners, city officials and transportation officials.

Evaluation Criterion G: Additional Non-Federal Funding

Non-Federal Funding: \$315,000

Total Project Cost: \$573,922

Percentage of Non-Federal Funding: 54.8%

Evaluation Criterion H: Connection to Reclamation Project Activities

1. How is the proposed project connected to Reclamation project activities?
Lindon City receives water through the North Union Canal which delivers water from Jordanelle and Deer Creek Reservoirs, both Reclamation projects. The City has 924 acre-feet of contract water from the Jordanelle Project, part of Reclamation's Central Utah Project. The City also owns a share in the Central Utah Project. Deer Creek Dam and Reservoir are part of Reclamation's Provo River Project.
2. Does the applicant receive Reclamation project water?
Yes. The applicant receives water from Jordanelle and Deer Creek Reservoirs, both Reclamation projects.
3. Is the project on Reclamation project lands or involving Reclamation facilities?
The project is not located on Reclamation project lands but water saved will contribute to Reclamation facilities.
4. Is the project in the same basin as a Reclamation project or activity?
Yes. This project is located in the same basin as the Provo River Project and Central Utah Project.
5. Will the proposed work contribute water to a basin where a Reclamation project is located?
Yes. This will contribute water to the water-short and environmentally-sensitive Utah Lake Basin.
6. Will the project help Reclamation meet trust responsibilities to Tribes?
Lindon City is unaware of any tribal lands near the project area.

Performance Measures

Canal Lining/Piping

Ponding Tests

Inflow/Outflow Testing

DRAFT

Environmental and Cultural Resources Compliance

Environmental and Cultural Resources Compliance

- *Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impacts.*

The work includes the installation of pipe which will be along the existing canal alignment in developed areas. Construction will take place after the irrigation season so there will not be water in the ditch.

Best practices will be employed for dust control and noxious weed management. Reseeding will restore vegetation upon completion of the pipe installation.

- *Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area? If so, would they be affected by any activities associated with the proposed project?*

There are no known threatened or endangered species in the direct project area. An assessment of threatened or endangered species will be conducted as part of the environmental document. There are federally-listed endangered species that will benefit from the improved water quality and additional water available.

- *Are there wetlands or other surface waters inside the project boundaries that potentially fall under Clean Water Act (CWA) jurisdiction as "Waters of the United States?" If so, please describe and estimate any impacts the proposed project may have.*

Lindon City is not aware of any wetlands or Water of the United States in the direct project area. However, the environmental document will include an assessment of wetlands and biology.

- *When was the water delivery system constructed?*

The system was originally constructed between 1852 and 1864.

Environmental and Cultural Resources Compliance

- Will the proposed project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.

This project will pipe and enclose the existing open canal. The canal was concrete-lined in the 1940s and 1950s. There have been portions of the lining replaced and the canal has been piped in select areas.

- *Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at your local Reclamation office or the State Historic Preservation Office can assist in answering this question.*

Lindon City is not aware of any buildings, structures or features that would be eligible for listing on the National Register of Historic Place. A cultural resource inventory will be conducted as part of the environmental document.

- *Are there any known archeological sites in the proposed project area?*

The City is unaware of any archeological sites in the project area. The environmental document will include an archeological inventory.

- *Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?*

No, this project will not have an adverse effect on low income or minority populations.

- *Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?*

There are no known tribal lands or sacred sites in the project area. The environmental document will include a cultural and archaeological inventory.

- *Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?*

No. A closed irrigation system will help control noxious weeks and invasive trees. Best practices will be employed during construction to prevent the spread of noxious weeds

Letters of Project Support

There is widespread support for this project as the water and energy savings will benefit many municipalities, irrigation companies and environmental efforts. Lindon City has received letters of support from the follow parties:

- *North Union Irrigation Company*
- *Central Utah Water Conservancy District (Jared Hansen)*
- *Provo Bench Canal*
- *Orem City*
- *Pleasant Grove City*
- *State Engineer (it was mentioned that someone from the State attends meetings with the City and the canal company?)*
- *Environmental groups or agencies in respect to the June Sucker or Utah Lake water quality*

Official Resolution

Lindon City will submit a signed Official Resolution within 30 days of the application deadline.

Funding Plan

Lindon City commits \$300,000.00 from its general fund as a cost-share to the Reclamation funding. North Union Irrigation Company has committed \$15,000.

FUNDING SOURCES	% of Project Cost	Total Cost by Source
Recipient Funding	55%	\$315,000
Reclamation Funding	45%	\$258,922
TOTAL	100%	\$573,922

FUNDING SOURCES	FUNDING AMOUNT
Non-Federal Entities	
1. Lindon City	\$300,000
2. North Union Irrigation Company	\$15,000
Non-Federal Subtotal	\$315,000
Requested Reclamation Funding	\$258,922
Total Project Funding	\$573,922

Funding Plan & Budget Proposal

Budget Proposal

Budget Item Description	Computation		Quantity Type	TOTAL COST
	\$/Unit	Quantity		
CONSTRUCTION				
Mobilization (5%)	\$21,023	1	LS	\$21,023.00
Furnish, place and compact imported pipe foundation material	\$13.00	150	TON	\$1,950.00
Furnish, place and compact imported pipe bedding and initial backfill material	\$14.00	2170	TON	\$30,380.00
Remove and dispose of concrete canal	\$25.00	1325	LF	\$33,125.00
Excavate for, furnish, install, backfill, and compact 48-inch Class III RCP pipe	\$150.00	1325	LF	\$198,750.00
Turnout structure	\$15,000.00	1	LS	\$15,000.00
Manholes/boxes	\$5,000.00	6	EA	\$30,000.00
Measuring devices and telemetry	\$15,000.00	3	EA	\$45,000.00
Restoration (construction easements, landscaping, fencing, private improvements, etc.)	\$50.00	1325	LF	\$66,250.00
Construction Subtotal				\$441,478.00
Environmental (5%)				\$22,074.00
Engineering Design (10%)				\$44,148.00
Construction Engineering (10%)				\$44,148.00
Project Administration & Legal (5%)				\$22,074.00
TOTAL ESTIMATED PROJECT COSTS				\$573,922.00

Budget Narrative

Salaries & Wages

No applicant salaries or wages are included in the project budget.

Fringe Benefits

No applicant fringe benefits are included in the project budget.

Travel

No travel will be required for this project.

Equipment

No Lindon City equipment will be used for this project. The equipment costs are included in the contractual amount.

Materials and Supplies

The cost of materials and supplies is outlined in the contractual breakdown.

SF-424C Budget Information

Letters of Commitment

Lindon City received a commitment from the North Union Canal Company to contribute \$15,000 which is 5% of the project cost.

January 11, 2016

Adam Cowie
Lindon City
100 North State Street
Lindon, Utah 84042

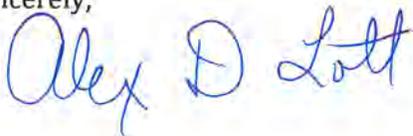
Dear Mr. Cowie,

Alex Lott is writing to acknowledge the North Union Irrigation Company's commitment to the North Union Piping Water Conservation & Measurement Project and to the grant application Lindon City is submitting to the Bureau of Reclamation for a WaterSMART grant.

As the President of the North Union Irrigation Company, I realize what a great benefit this project will provide in water conservation and to provide a means of measuring the water that is supplied to users of the canal. This project will also prevent future damage to those living alongside the deteriorating portions of the canal.

As part of this grant, the North Union Irrigation Company will commit \$15,000 to this project.

Sincerely,



Alex Lott
President
North Union Irrigation Company



CENTRAL UTAH WATER
CONSERVANCY DISTRICT

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Orem, UT 84058-7303
801.226.7100
www.cuwcd.com

OFFICERS

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Tom Dolan, Vice President
Gene Shawcroft, General Manager/CEO

TRUSTEES

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Roddie L. Bird
E. James Bradley
Randy A. Brailsford
Shelley Brennan
Kirk L. Christensen
Michael K. Davis
Tom Dolan
Larry A. Ellertson
Steve Frischknecht
Al Mansell
Michael J. McKee
Greg McPhie
Aimee Winder Newton
Gawain Snow
Byron Woodland
Boyd Workman

January 12, 2017

Bureau of Reclamation: Water Resources and Planning
Attn: Mr. Josh German
Mail Code: 84-51000
P.O. Box 25007
Denver, CO 80225

Subject: WaterSMART grant application for the improvements to the North Union Canal Project

Dear Mr. German:

Central Utah Water Conservancy District (District) is pleased to write this letter in support of Lindon City's application to the WaterSMART: Water and Energy Efficiency grant program to make improvements to the North Union Canal. The District understands that the proposed project includes piping a deteriorated sections of the North Union Canal which currently has large water losses and damage to nearby residential properties. In addition, the proposed project will improve the sustainability of the water supply in our area and contribute to hydropower generation using the conserved water.

The District supports the proposed project because of the water-saving aspect from piping a section of the North Union Canal. The conserved water will be used in a beneficial manner by the canal company and its users.

The proposed project will help Lindon City to be more resilient to drought or shortages and better manage the water in their system. The District supports Lindon City in their dedication to address the water needs of our area. If you have any questions feel free to contact me.

Sincerely,

Chris Elison, PE
Project Manager – Water Rights

12. Discussion Item — Road Maintenance Funding

(30 mins)

The Council will discuss current road maintenance funding sources and review options and considerations for additional sources of road maintenance funding, including a potential Transportation Utility Fee as has been created in Provo, Vineyard, and Pleasant View and contemplated by many other cities. No motion will be made on this discussion item.

Lindon City has been discussing a possible Transportation Utility Fee option for growing road maintenance funds since 2014-15. Staff is looking for firm direction on whether the Council wants to proceed with this fee option and may ask for ‘straw-poll’ votes to help obtain clear guidance. We need to know if the majority of the Council desires to implement such a fee in order to support road funding, what approximate fee levels may be and, if proceeding, how the Council wants to include more public input prior to any adoption of fees (open houses, digital notification, mailers, etc.).

To refresh why increased road funding is needed and at what levels funding is recommended, a copy of the 2015 Pavement Management Study that was adopted by the City Council can be viewed [HERE](#).

Provo City has good information and a video explaining and supporting their Utility Transportation Fund that can be viewed [HERE](#). A copy of the Provo ordinance creating the fund and setting definitions and billing unit types can be viewed [HERE](#). It is anticipated that, if Lindon Council decides to proceed with a transportation fee, the City would adopt something similar to Provo’s model which has been in effect since March 1, 2014. The Provo Utility Transportation Fund Fee Schedule is below, however, Vineyard has adopted a simplified Transportation Utility fee calculation of \$3.50 per ERU (Equivalent Residential Unit).

PROVO UTILITY TRANSPORTATION FUND FEE

Category	Fee per Month
Residential A - Single-Family	\$3.50
Residential B - Multifamily	\$2.10
Commercial A (< 100 Trip-Ends)	\$9.50
Commercial B (100 - 199 Trip-Ends)	\$25.10
Commercial C (200 - 599 Trip-Ends)	\$75.50
Commercial D (600+ Trip-Ends)	\$225.50
Public Use A (< 300 Trip-Ends)	\$20.50
Public Use B (≥ 300 Trip-Ends)	\$91.50

We will discuss potential revenues from differing fee amounts in the meeting. It is anticipated that adoption of a transportation utility fee would not solve the funding needs of the City, but would be a supplementary funding source in addition to Class C road funds from the State and other General Fund contributions. As this is a discussion item only no motions will be made.

13. Council Reports:

(20 minutes)

- A) MAG, COG, UIA, Utah Lake, ULCT, NUVAS, IHC Outreach, Budget Committee- Jeff Acerson
- B) Public Works, Irrigation/water, City Buildings - Van Broderick
- C) Planning, BD of Adjustments, General Plan, Budget Committee - Matt Bean
- D) Parks & Recreation, Trails, Tree Board, Cemetery - Carolyn Lundberg
- E) Public Safety, Court, Lindon Days, Transfer Station/Solid Waste - Dustin Sweeten
- F) Admin., Community Center, Historic Comm., Chamber of Com., Budget Comm. - Jacob Hoyt

I 4. Administrator's Report:

(10 minutes)

Misc Updates:

- January newsletter: <https://siterepository.s3.amazonaws.com/442/january17final.pdf>
- March newsletter article: **Matt Bean** - Article due to Kathy last week in February.
- City Center Elevator remodel. Architect is preparing plans for bidding by early February.
- Public Safety Building – Hoped for completion date is Jan. 19th. PD will move over on Jan. 25-26th. Open house most likely during week of February 13th. Set date?
- Set date for Budget Kick-off meeting – typically a working dinner at 6pm. Possible dates...Feb. 9th (wed.), 15th (Thurs.), or 16th(Thurs).
- Water system update – well chlorination, 835 E. tank, etc.
- FYI...
 - Planning Commission voted Sharon Call to continue as Chair of the Planning Commission
 - Tattoo shop - business license
- Misc. Items:

Upcoming Meetings & Events:

- January 16th – City offices closed.

Adjourn

2016	Engine 35 Responses in Lindon	Rescue 35 Responses in Lindon	Engine 35 Responses in Orem	Rescue 35 Responses in Orem	Mutual-Aid Engine 35	Mutual-Aid Rescue 35	Orem Responses in Lindon	Total
<i>January</i>	48	45	11	28	0	1	22	155
<i>February</i>	54	50	21	34	2	3	56	220
<i>March</i>	57	51	14	29	0	0	23	174
<i>April</i>	54	56	19	27	3	2	31	192
<i>May</i>	58	53	16	21	2	2	39	191
<i>June</i>	60	57	20	26	1	1	38	203
<i>July</i>	69	68	16	18	1	2	28	202
<i>August</i>	43	43	18	23	1	3	14	145
<i>September</i>	66	68	27	40	4	4	21	230
<i>October</i>	43	43	36	29	1	0	27	179
<i>November</i>	64	60	25	28	1	1	26	205
<i>December</i>	61	63	12	22	1	1	35	195
Total	677	657	235	325	17	20	360	2291