

AGENDA ITEM SUMMARY

DATE: 5/24/10 DEPARTMENT: PW - Parks DEPT. HEAD SIGNATURE: 

SUBJECT: Motion to approve award of a contract to Teton Trees of Rupert, ID for the plant material for the E W Fox Demonstration Garden.

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

See the attached memo and spreadsheets.

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS: Caselle # _____
Budget Line Item # _____ YTD Line Item Balance \$ _____
Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
Staff Contact: Tom Hellen Phone # 788-9830 Ext 14
Comments:

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

<input type="checkbox"/> City Attorney	<input type="checkbox"/> Clerk / Finance Director	<input type="checkbox"/> Engineer	<input type="checkbox"/> Building
<input type="checkbox"/> Library	<input type="checkbox"/> Planning	<input type="checkbox"/> Fire Dept.	_____
<input type="checkbox"/> Safety Committee	<input type="checkbox"/> P & Z Commission	<input type="checkbox"/> Police	_____
<input type="checkbox"/> Streets	<input type="checkbox"/> Public Works, Parks	<input type="checkbox"/> Mayor	_____

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

ADMINISTRATIVE COMMENTS/APPROVAL:

City Administrator _____ Dept. Head Attend Meeting (circle one) Yes No

ACTION OF THE CITY COUNCIL:

Date _____

City Clerk _____

FOLLOW-UP:

*Ord./Res./Agmt./Order Originals: Record
Copies (all info.): _____
Instrument # _____

*Additional/Exceptional Originals to: _____
Copies (AIS only)

Draft 12-30-03

Public Works Memo

To: Mayor Rick Davis
City Council Members

CC: Tracy Anderson, Grant Administrator

From: Tom Hellen, Public Works Director/City Engineer 

Date: May 24, 2010

Re: E W Fox Xeriscape Demonstration Garden Plant Bids

Attached is a summary of bids received for trees, shrubs, grasses and herbaceous materials for the E W Fox Xeriscape Demonstration Garden on Fox Acres Rd. The City of Hailey received a \$30,000 grant from the Idaho Department of Lands for this project.

The bids have been reviewed including all substitutions for the specified material. As shown on the spreadsheet the bid from Teton Trees, Rupert, ID, is the low and acceptable bid. This portion of the project will be reimbursed as a part of the grant. The matching portion of the project is primarily in-kind city labor.

Dean Hernandez of Gardenspace Design who is assisting the city with this project reviewed the bid information and agreed that the substitutions proposed by Teton Trees were acceptable. He expects that there will be further substitutions requested by the vendor as there has been a shortage of some materials already this year.

Planting for this project is anticipated to take place this fall.

E W Fox Demonstration Garden Plant Bids

Bidder	Bid Amount	Bid Status	Next Step
Hollyberry Nursery	\$2,192.52	Incomplete	Drop from Consideration
John Dure Landscapes	\$7,145.02	Did Not Bid 4 Items	See Penalty Sheet
Trees NW of Eagle Creek, OR	\$8,425.22	Complete	See Penalty Sheet
Teton Trees	\$7,072.33	Complete	See Penalty Sheet

Bid Comparison - Penalty Sheet

John Dure Landscape	Bid Difference	Penalty	Revised Total
Base Bid			\$7,145.02
Missing 3 Macana Ash	Average bid = \$178	\$534.00	\$7,679.02
Missing 14 Creeping Western Sandberry	Average Bid = \$15.60	\$218.40	\$7,897.42
Missing 7 Bluebeard 'First Choice'	Average Bid = \$14.10	\$98.70	\$7,996.12
Missing 50 Prickly Pear Cactus	Average Bid = \$9.62	\$481.00	\$8,477.12

Teton Trees	Bid Difference	Penalty	Revised Total
Base Bid			\$7,072.33
Substitute Common Hackberry for Net Leaf Hackberry	1 Tree at \$77	\$77.00	\$7,149.33
Substitute 2.5" caliper Bur Oak for 3" specified	3 Trees at \$75 each	\$225.00	\$7,374.33
Substitute Merlot Cherry for Shubert Chokecherry	3 Trees at \$8 each	\$24.00	\$7,398.33
Substitute Laciniata for Staghorn Sumac	5 Shrubs at \$3.45 each	\$17.25	\$7,415.58
Substitute Lewisia for Sulfur Buckwheat	90 Plants at \$1.41 each	\$126.90	\$7,542.48
Substitute Roxanne for Sticky Geranium	15 Plants at \$2.65 each	\$39.75	\$7,582.23
Substitute Sapphire for Blue Flax	25 Plants at \$2.65 each	\$66.25	\$7,648.48
Substitute Fireworks for Firecracker Penstemon	90 Plants at \$.53	\$47.70	\$7,696.18

Trees NW of Eagle Creek, OR	Bid Difference	Penalty	Revised Total
Base Bid			\$8,425.22

AGENDA ITEM SUMMARY

DATE: 5/24/10 DEPARTMENT: PW - WW DEPT. HEAD SIGNATURE: _____

SUBJECT: Motion to authorize the Mayor to sign a contract with Idaho Power to supply 3-phase power for the Airport West Sewer Pump Station for system upgrade work

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

The existing Airport West sewer pumping station is now undersized and requires an upgrade. To have sufficiently sized pumps installed will require 3-phase power. Idaho Power requires a contract for this work.

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS: Caselle # _____

Budget Line Item # _____ YTD Line Item Balance \$ _____

Estimated Hours Spent to Date: _____ Estimated Completion Date: _____

Staff Contact: Tom Hellen Phone # 788-9830 Ext 14

Comments: _____

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

_____ City Attorney	_____ Clerk / Finance Director	_____ Engineer	_____ Building
_____ Library	_____ Planning	_____ Fire Dept.	_____
_____ Safety Committee	_____ P & Z Commission	_____ Police	_____
_____ Streets	_____ Public Works, Parks	_____ Mayor	_____

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

ADMINISTRATIVE COMMENTS/APPROVAL:

City Administrator _____ Dept. Head Attend Meeting (circle one) Yes No

ACTION OF THE CITY COUNCIL:

Date _____

City Clerk _____

FOLLOW-UP:

*Ord./Res./Agmt./Order Originals: Record
Copies (all info.): _____
Instrument # _____

*Additional/Exceptional Originals to: _____
Copies (AIS only)

Draft 12-30-03



RECEIVED

APR 22 2010

In Account With

City Of Hailey
115 S Main St Suite H
Hailey, Id 83333

W.O. Design # 27301205

Date April 21, 2010

In accordance with your request: 3 Phase Power for Sewer Lift Pumps

Line Location: 1811 Merlin St

Cost of project	\$ 9,838.00
Less allowance	\$ 274.00
Unusual Conditions	\$ -
Engineering Fees	\$ 360.00
Miscellaneous Charges	

Amount to be paid and received prior to job being scheduled for construction: \$ 9,924.00

- Please remit payment.
- Please return signed and dated Service Request and Customer Cost document (attached).
- Please return signed and dated Work Order Map.
- Other

Comments: Customer to provide service trench and backfill from new pole to 3 phase meter base. Service trench to be dug at 33" in depth. Work order includes new pole, 3-50kva xfmr's, 3" pole riser & conduit plus 4/0Qx service cable.

Work order will not be released for scheduling for construction until payment and/or requested documents are signed and returned

PLEASE RETURN SIGNED DOCUMENTS TO:

IDAHO POWER COMPANY
11831 HWY 75
PO Box 3909
Hailey, Id 83333

If you have any questions, please telephone:
Bob Rubel
208-788-8015



Idaho Power Company
Service Request

Service Request Number: 00273940

CITY OF HAILEY-1811 MERLIN LOOP/HAILEY UPGRADE TO 3PH POWER

Work Order Number: 27301205

Request Type: CS
Rate Sch: 09
Reply By:

Eng Hours:
Eng Fee Amount (Att 98):
Eng Fee Amount (Att 16):
Eng Fee Service Agreement No:
Eng Fee Service Agreement Date:
Customer No: 6646025421

Feeder: HALY13B
Service Location: 1811 MERLIN LOOP HAILEY, ID 83333
Required in Service Date: 3/31/2009
Planning Center/Team: HAILEY

Contact Detail:

252R CITY OF HAILEY 788-4221
115 S Main St, Suite H,, HAILEY ID 83333

CUST CITY OF HAILEY
115 S Main St, Suite H,, HAILEY ID 83333

CUST WASTE WATER-ROGER PARKER 578-2211 EXT10
..

IPCO BOB RUBEL 788-8015
..

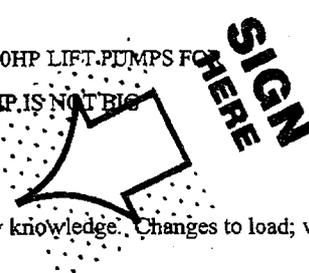
Attribute Information
RES/COM

Service Voltage: 277/480
No. Of Phases: 3
KW Motor Load: 100
Largest Motor: 50
1 Phase KW Demand:
3 Phase KW Demand: 100
Connected KW Load: 100
Commercial Deposit Amount:

No. of Meters: 1
Mtr. Loc:
Ct Loc:
Primary OH/UG: OH
Service OH/UG: UG
Srv. Owner: IPCO
Panel Amp Size: MAX 200AMPS

Notes

CUSTOMER IS REQUESTING 3 PHASE SERVICE TO HANDLE UP TO 2-50HP LIFT PUMPS FOR
AIRPORT WEST SEWER LIFT STATION. EXISTING SINGLE PHASE PUMP IS NOT BIG
ENOUGH.



I understand that the information provided above is accurate to the best of my knowledge. Changes to load; voltage; location; etc. may result in additional engineering charges.

Client Signature

Date

Facility Rep. Signature

Date

Bob Rubel 4/21/10



CUSTOMER COST QUOTE IDAHO

Customer or Project Name: CITY OF HAILEY-1811 MERLIN LOOP/HAILEY UPGRADE TO	Design Number: 0000076002	Work Order #: 27301205
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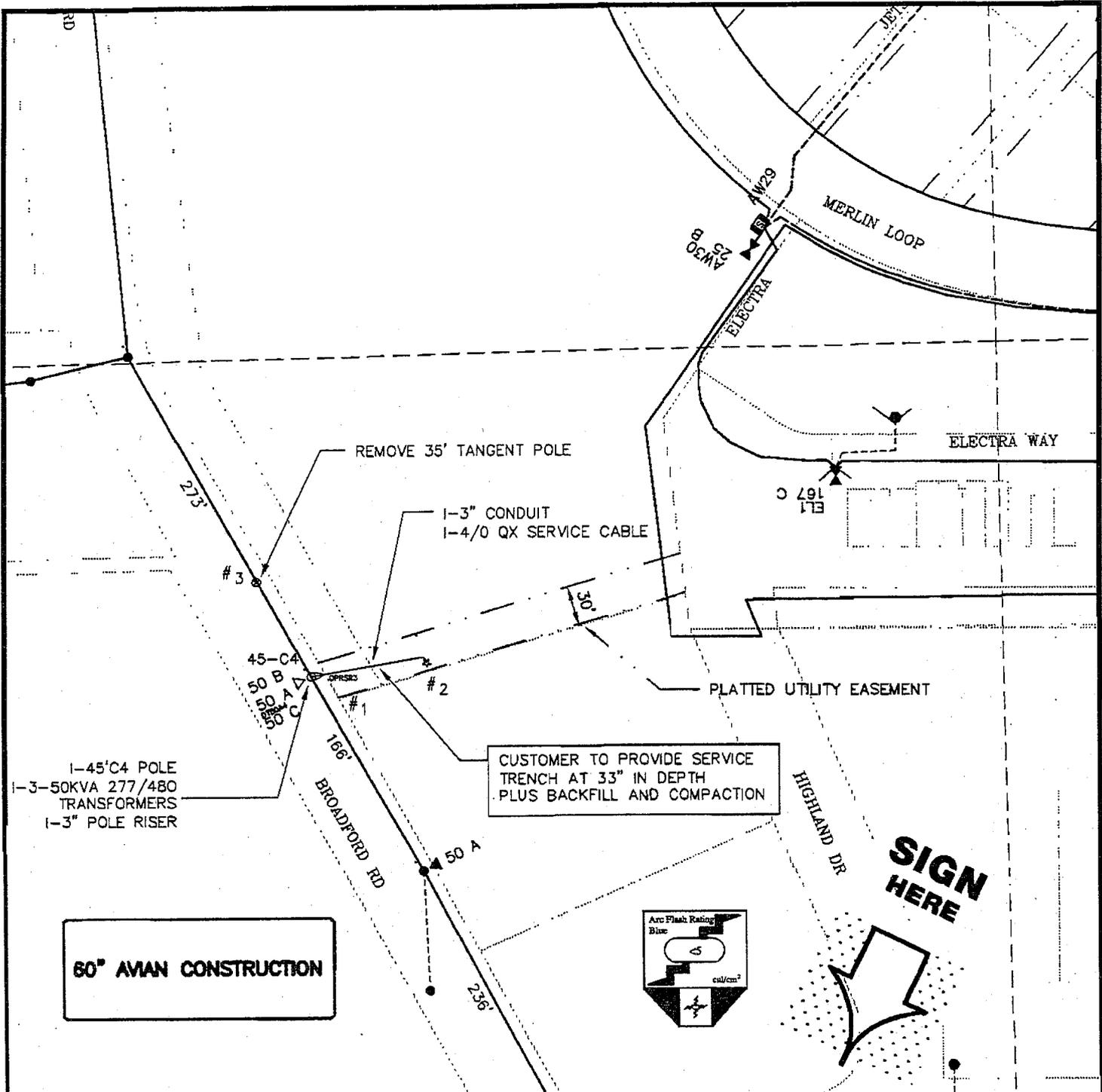
	Prepaid Fees	Credit	Debit	Totals
1. Line Installation/Upgrade Costs			9,838	
2. Company Betterment		0		
3. Line Installation Allowances				
a. Customer Allowance		0		
b. Terminal Facilities Allowance		46		
c. Salvage Taxable - Credit		0		
4. Line Installation Credit (Customer Provided Trench)		228		9,564
5. Vested Interest Work Order #			0	
6. Bank Letter of Credit (for Unusual Conditions over \$10,000)		0		
7. Unusual Conditions			0	
8. Net Construction Cost				9,564
9. Net Vested OR Refundable Construction Cost (Limited to 5 years or 4 additional applicants)				0
10. Construction Cost Not Available for Vesting or Refund				9,564
11. Right of Way Permits (NSR)			0	
12. Billable Engineering Charges (NSR)			360	
13. Underground Service Charge (NSR)			0	
14. Relocation or Removal Charges (NSR)				
a. Relocation or removal with new capacity. (412)			0	
b. Relocation or removal with NO new capacity (415)			0	
c. Non-Taxable Salvage Credit on Relocation or Removal		0		
15. Other Charges			0	
16. Feeder Charge			0	
17. Sub-Total Non-Refundable Charges				360
18. Engineering Fees	\$ 0			
19. Right of Way Permits (NSR)	\$ 0			
20. Temporary Service Charge (NSR)	\$ 0			
21. Total Prepaid Customer Charges	\$ 0			
22. Idaho Power Co. Contribution & Bank Letter of Credit		\$ 274		
23. Total Work Order Charges			\$ 10,198	
24. Total Customer Payment Due (Line 8 + Line 17)				\$ 9,924

SIGN
HERE

Notes: _____

Notice: This written quotation shall be binding on the Company for a period of sixty (60) days from the date below indicated, subject to changes in information provided by the Customer or changes in the Company's ability to obtain satisfactory rights-of-way or to comply with governmental regulations, including but not limited to the rules, regulations, and tariffs of the Idaho Public Utilities Commission. The Customer must make payment of the quote amount not less than thirty (30) days prior to the start of construction, but the Company does not represent that

Customer Signature	Date
Quotation Date 4/21/10	IPCo Representative <i>Bob Rubin</i>
<small>(Customer Initials) Total Customer Payment does not include Underground or Non-Utility Service Charges.</small>	
<small>(Customer Initials) Received copy of Reduced Charge Option for Underground Electrical Service, also available at idahopower.com</small>	



TIMES SCALE 0 1 2 3 4 Customer: _____ Date: _____

Job Title:
CITY OF HAILEY-1811 MERLIN LOOP/HAILEY UPGRADE TO 3PH POWER

Additional Description:
INSTALL 2-50HP PUMPS FOR AIRPORT WEST LIFT STATION

Additional Description:

Feeder Map file Name: HALY1301					Surveyed or GPS: NONE	Fdr By: _____	Designer: RBR6393
					Joint Use Attachments: NO	Date: _____	Design No: 0000076002
Qua 1	Twn 02N	Rng 18E	Sec 15	Mer BM	Pre-Built Date:	ArcFM By: _____	Work Order No: 27301205
State ID	County BLAINE				Built as Designed:	Date: _____	
					Construction Date:		
					Operating Voltage: 12.5 kV		

IDAHO POWER CO. WORK ORDER MAP SCALE: 1" = 100 Sheet 1 of 1



Memorandum of Agreement

Project Name: Merlin Loop Lift Pumps

Work Order No.: 27301205

The purpose of this Memorandum of Agreement (hereinafter "Agreement") is to set out in writing certain agreements between Idaho Power Company and (Developer) City Of Hailey hereinafter referred to as Developer, regarding the Developer's performing a portion of the construction work required as a part of Idaho Power Company's Work Order No: 27301205 for the (Name of Work Order) City of Hailey

Developer understands and specifically agrees to the following:

- 1 The minimum width of a customer provided trench is 18" for the majority of installations. This allows adequate spacing between conduits for most applications. Spoils pile will be stored a minimum of 2 feet from the edge of the trench for working space and safety.
 The customer will have backhoe and operator onsite to correct any problems with the trench.
 Prior approval necessary for any other width from the Idaho Power representative working the job.
 A minimum of 42" of backfill for primary trench 30" for secondary and service trench.
 The customer will backfill with native soil and wheel-roll the trench for standard compaction. Wheel rolling achieves about 80% compaction rate. This is dependent on soil conditions. Shading the conduit with enough selected backfill material to provide 6" cover. No rocks larger than 2" for the first 6" of fill material and no larger than 6" for the remainder of the fill.
 The 'customer' will be responsible for any damage to property or landscape done during trenching.
 Customer will install and be responsible for erosion controls at trench location when trench is on a grade and the possibility of washing out before vegetation grows back.
 The trench must be inspected prior to backfill by an Idaho Power representative.

2 The area where this "work" will be performed is marked on the Work Order map which is attached hereto and is referred to as the Developer's Work Area.

3 The above described "work" shall be performed under the direction and control of Developer who shall be acting as an independent contractor and not as an agent or employee of Idaho Power Company.

4 Developer specifically agrees to assume liability for any and all injury, disability and/or death of any workman or other person as well as any personal injury or property damage of any type resulting from or arising out of the performance of the above described "work." Developer further specifically agrees to indemnify, hold harmless and provide a full defense for Idaho Power Company, its representatives, agents, employees, officers, directors, and all other persons, associations, affiliates or corporations acting for, by or through, or in any way on behalf of Idaho Power Company from any claims, demands, actions, suits, losses, expenses or penalties of any kind or nature arising out of or by reason of the performance of the above described "work" by Developer. Additionally, in the event any such action or claim of any type is filed against Idaho Power Company as hereinbefore described, Idaho Power Company may, at its option, undertake its own defense, and Developer agrees to pay all costs, expenses and attorney fees associated with such defense.

5 Developer specifically agrees that all "work" performed by Developer under this Agreement shall be conducted in a safe manner. Developer agrees to continuously maintain proper and adequate barriers and marking around the entire "work" areas, including but not limited to trenches, to ensure the safety of Developer's workers, Idaho Power Company personnel and the public.

6 Idaho Power Company shall, at all times, retain authority to inspect, but is not required to inspect, any and all aspects of the above described "work." Developer acknowledges that he has full responsibility to ensure that the "work" is performed properly and meets the requirements, codes and specifications of all relevant authorities or regulatory bodies, including but not limited to OSHA Safety and Health Regulations, and the following specifications of Idaho Power Company:

(Company Work Specifications)

Provide service trench at 33" in depth from transformer pole to 3 phase meter base. See attached
trenching specifications 64-04-01 to 64-04-06 from Idaho Power Underground Construction Distribution
Manual.

7 Developer acknowledges his full and continuing responsibility to use sound engineering judgment in all aspects of the performance of the above described "work." In addition, Developer agrees that at any time during the progress of said "work" and at Idaho Power Company's option, Idaho Power Company may order that any work deemed to be unsatisfactory after inspection shall be redone at Developer's expense.

8 Developer will receive credit on the Work Order in the amount of \$ 228 as a contribution in aid of construction for the "work" performed under this Agreement.

9 Idaho Power Company will install all cables, transformers and pads.

10 Except for the "work" described in Paragraphs 1 and 2 above, all the work to be performed under this Work Order and all work performed outside the Designated Developer Work Area will be performed by Idaho Power Company or its contractor.

11 All questions that arise in regard to work to be performed under this Agreement which require a response by Developer will be directed to City of Hailey-Roger Parker
whose address is 115 S Main St Suite H Hailey, id 83333
and whose phone number is 720-7616

12 This Agreement and all of the work required to be performed under the Work Order described above is subject to all applicable schedules and tariffs approved and filed with the Idaho Public Utilities Commission.

The above Memorandum of Agreement, read and understood IDAHO POWER COMPANY and agreed to this _____ day of _____

Developer

SIGN HERE

Bob Rubel
Idaho Power Representative

Trenching Installation

Call Dig Line for Locations

You must call Dig-Line for locations at least 48 hours before starting any excavation if there may be other utilities in the work area.

- ◆ In Idaho:
342-1585
(800) 342-1585
- ◆ In Oregon:
(800) 332-2344

When excavating on private property, contact the property owner or other responsible party to see if there any obstacles such as septic tanks, drain fields, irrigation pipe, or electrical wiring in the work area.

Determine the Finished Grade

In order to maintain the proper burial depth, the finished grade must be established before beginning any excavation. In most projects, the finished grade has already been determined by a surveyor and indicated on stakes located near the property pins. In other cases, a responsible party must come out and establish the finished grade.

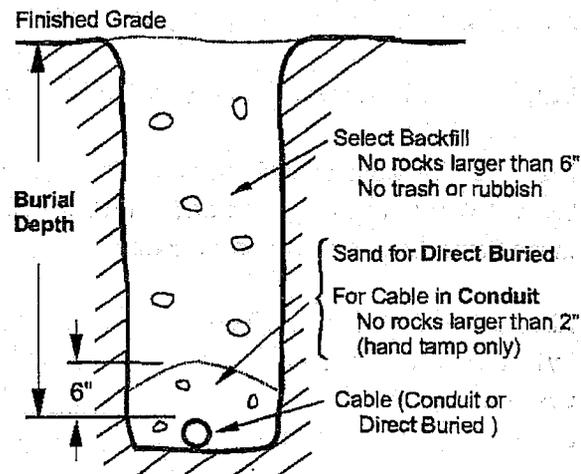
Don't trench without first establishing the finished grade. Facilities that are not installed in their proper location may have to be relocated later.

Basic Trench Design

The following are the specified burial depths for electrical cables measured to the top of the cable or conduit. The trench must be deeper than the burial depth to allow for the diameter of the conduit or cable.

Voltage	Direct Buried or in Conduit
Up to 600 V	30" (+/- 6")
601 V to 35-kV	42" (+/- 6")

NOTE. Most roadways require at least 30" burial depth.



Basic Trench Design for Conduit or Direct Buried Cable Installations

Trenching

Mark out the trench route with white marking paint (Cat. ID 6641) to help the operator get a visual idea of where the trench is going and what obstructions, if any, are in the area. This also helps keep the trench as straight as possible. Authorization for any route modifications should be obtained at this time. Particular attention should be made to any survey stakes or property pins that could be disturbed if the trench is too close.

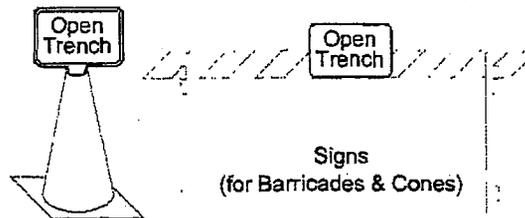
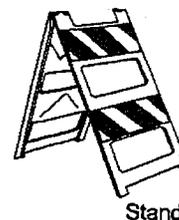
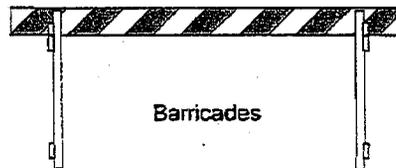
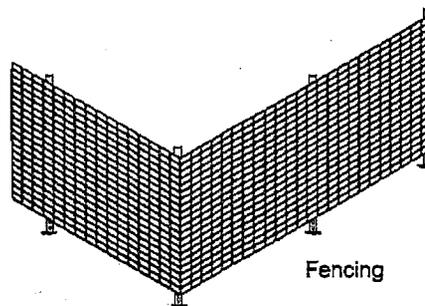
Before beginning any trenching, make sure proper precautions have been taken and that safety equipment is available to protect employees and the public from injury. Trenches dug in unstable or disturbed soil will likely have unstable sides and may cave in. Even though the trench is less than 4 feet deep, shoring may still be necessary in these conditions. See Section 77, *Methods*, for more information on shoring.

Dig the trench to the appropriate depth, leveling the bottom of the trench as a base for the conduit or cable.

Trench Barricades

When a 30" trench branches off of a 42" trench, gradually taper the bottom of the trench up to 30". The length of the taper will vary with the size of the conduit being installed. Avoid putting too much bending stress on the cable or conduit since they could be damaged during backfilling.

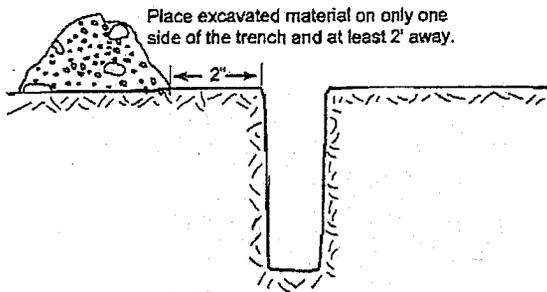
Whenever possible, work should be planned so that trenches or excavations can be filled at the end of the work period. Cable markers can be used to mark the ends of the conduit. Where excavations must be left overnight, lighted barricades and reflective cones or signs shall be used when near roadways. The use of orange plastic fencing around the excavation, or solid sheeting over the excavation is also recommended for pedestrian protection. (Refer to Section 119 in the *Tools Manual* for more information.)



Examples of Barricade Materials

Trench Spoils

Keep trench spoils at least 2' from the edge of the trench and any property pins or permanent markers. Also, they should be kept clear of the roadway or other access areas whenever possible. Any spoils or debris that are to be removed from the site should be hauled away each day and disposed of in accordance with all applicable regulations.



Placement of Trench Spoils

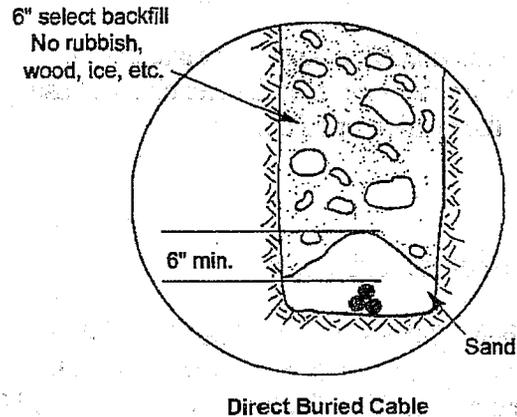
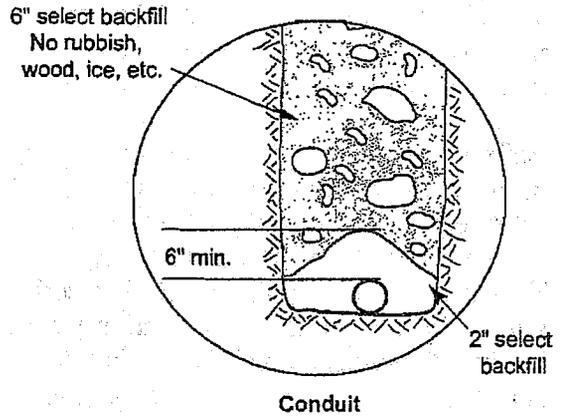
Separations

Refer to Section 53 — *Clearances* for minimum separation requirements between electrical cables and other facilities.

Shading and Backfilling

Shade the conduit with enough 2" select backfill material to provide a 6" covering. This helps protect the conduit from being damaged during the compaction process.

Direct-buried cable should be shaded with 6" of sand.



Shading Conduit and Direct Buried Cable

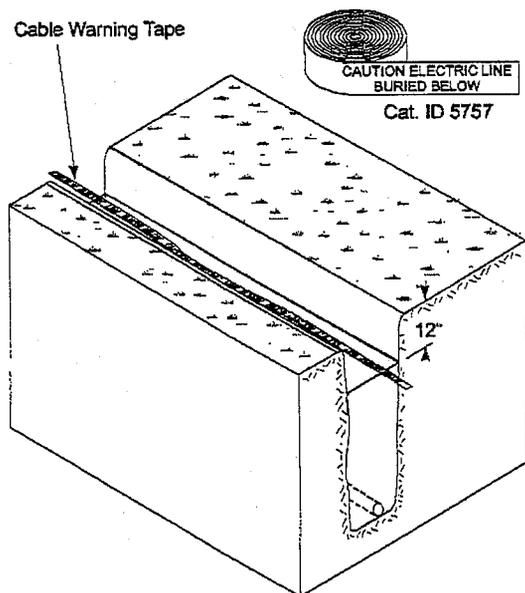
After shading, backfill the rest of the trench with 6" select backfill material. Don't put rubbish, wood, ice, etc. in the trench.

Buried Cable Warning Tape

Most installations do not have buried cable warning tape installed. We rely on "Dig-Line" and other locating practices to prevent most dig-ins from occurring. Standardized facility placement also reduces these conflicts. Warning tape can be installed in the following situations:

- ◆ In large commercial projects with extended construction times.
- ◆ Where other utility locations create conflict.
- ◆ Anywhere there is a higher than normal probability of a dig-in.

To install the tape, backfill the trench to within 12" of the finished grade. Lay the warning tape (Cat. ID 5757) along the trench, and finish backfilling. The marking tape location gives the excavator ample warning that he is working in an existing trench, before he actually digs into our facilities.



Placement of Cable Warning Tape

When using a cable plow, it must have a chute that can be adjusted so that the warning tape will be installed 12" below the finished grade.

NOTE. Buried cable warning tape, permanent post markers, and cable route markers are often required in special right-of-way applications. Their installation is addressed in Section 64-07, *Special Rights-of-Way*.

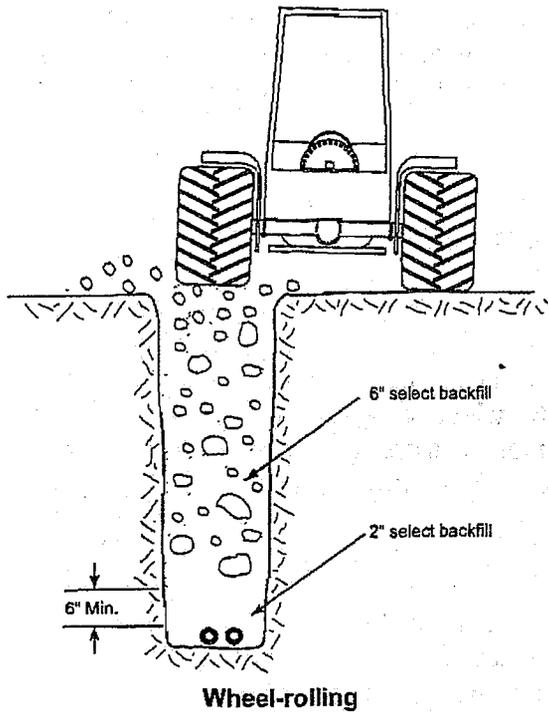
Compaction

Standard Compaction. Compact all areas of backfill to prevent future settling. Standard compaction is adequate for most sites where some settling is permissible. Other areas are more sensitive to settling and may require high compaction.

For standard compaction, backfill with native soil and wheel-roll the trench (see the illustration on the next page). Standard compaction achieves about an 80% compaction rate, but this is highly dependent on soil conditions. Two of the major factors affecting soil conditions are the type of soil and the amount of moisture in the soil.

Most soil types can be used for standard compaction. However, loamy soil may be inadequate. If so, it should be hauled off and replaced with an imported material such as 3/4" road mix. If the backfill is in a landscape area, the native soil can be used for the top 12" of backfilled area to allow it to be consistent with the surrounding areas.

Moisture is the largest variable in the obtainable rate of compaction. Moist soils compact better than dry soils. Adding some water to the backfill material may be all that is needed to achieve the desired compaction. However, too much moisture can reduce the obtainable compaction.



Here is a simple test to determine whether the soil has a proper amount of moisture for compaction. This test does not work well if the soil has a large amount of sand or gravel.

Squeeze a handful of the soil into a tennis ball sized clump and drop it from 12" above the ground:

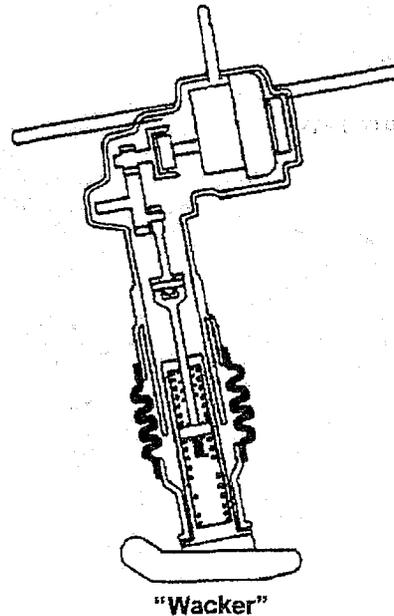
- ◆ If it has proper moisture content, the ball will break into a few evenly sized fragments.
- ◆ If the soil is too dry, it won't form into a ball.
- ◆ If the soil is too wet, the clump won't break apart when dropped.

High Compaction. High compaction (usually referred to as 95% compaction) is required in certain rights-of-way and recommended when:

- ◆ The trench is or will be under paved surfaces (such as roadways, alleys, parking lots, and sidewalks), or
- ◆ When high compaction is specified or required by the grantor of the right-of-way.

For high compaction, backfill with 3/4" road mix, pit run, or sand in 12" lifts, compacting each lift with a wacker or other similar compaction device. Sometimes, compaction can be obtained in larger lifts when bigger compaction equipment (such as a hydrohammer) is used.

Higher compaction rates may be obtainable by using shallower lifts. Adding water may also help.



Sometimes, the grantor of the right-of-way may specify materials, practices, or compaction rates that exceed Idaho Power's specifications as a condition for granting the right-of-way.

Avoid over-compacting the backfill. Once the maximum attainable compaction for the material being used is achieved, additional compaction only tends to break the compacted soil apart, like a hammer hitting concrete. It also is hard on the compaction equipment.

Native soil is not recommended as backfill material when high compaction is required.

Pavement Replacement

Paving that must be replaced or repaired is best left to the professionals. Backfill the trench, compacting as specified, leaving the backfill 6" from the top of the surrounding paving. Fill the remainder with 3/4" road mix as a temporary fill material and arrange for the paving to be replaced.

The paving contractor will likely remove the temporary patch and enough paving on each side of the trench to make a permanent repair meeting the applicable specifications. Usually, weather conditions determine when the permanent repairs are made.

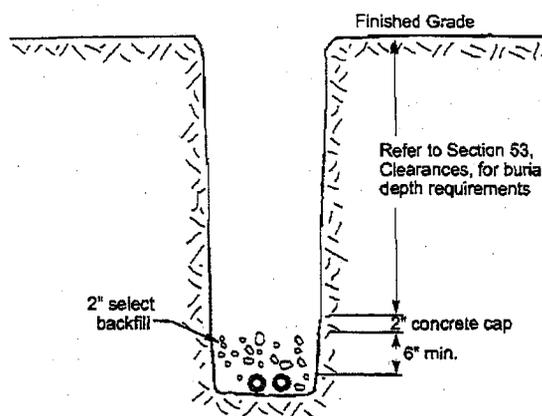
Concrete Encasing

Encasing conduit in concrete provides the maximum level of protection to the conduit and cable. Most applications involve feeder getaway cables and are designed by the Substation Design Group. Contact Methods & Materials for help with concrete encased designs for distribution cables. Refer to Section 62-05, *Conduit* for more information.

Concrete Cap

A concrete cap can be specified when additional protection is required over a portion of a cable run and concrete encasing is not necessary.

After the cable or conduit is installed at the proper depth and shaded with 6" of suitable backfill material, a 2" thick layer of concrete is poured. Ready-mix concrete can be used, or a sand slurry can be mixed in the field. Use one part concrete to five parts sand with just enough water to make the mixture pourable.



Concrete Cap

AGENDA ITEM SUMMARY

DATE: 5/24/2010

DEPARTMENT: Legal

DEPT. HEAD SIGNATURE: _____

SUBJECT:

Summary of Hailey Ordinance No. 1055 (Urban Agriculture Ordinance)

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

I am enclosing a proposed summary of Hailey Ordinance No. 1055, the Urban Agriculture Ordinance, which requires approval by the City Council.

Ned

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS: Case # _____
Budget Line Item # _____ YTD Line Item Balance \$ _____
Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
Staff Contact: _____ Phone # _____
Comments: _____

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

___ City Attorney	___ Clerk / Finance Director	___ Engineer	___ Building
___ Library	___ Planning	___ Fire Dept.	___ _____
___ Safety Committee	___ P & Z Commission	___ Police	___ _____
___ Streets	___ Public Works, Parks	___ Mayor	___ _____

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

Motion to approve the summary of Hailey Ordinance No. 1055.

FOLLOW-UP REMARKS:

SUMMARY OF HAILEY ORDINANCE NO. 1055

The following is a summary of the principal provisions of Ordinance No. 1055 of the City of Hailey, Idaho, duly passed and adopted May 10, 2010, by the City Council and Mayor of the City of Hailey:

AN ORDINANCE OF THE CITY OF HAILEY, IDAHO, AMENDING ARTICLE 2 OF HAILEY'S ZONING ORDINANCE, ORDINANCE NO. 532, BY AMENDING SECTION 2.2, TO ADD THE DEFINITION OF CHICKEN COOP AND URBAN AGRICULTURE; AMENDING ARTICLE 4 OF HAILEY'S ZONING ORDINANCE, ORDINANCE NO. 532, BY AMENDING SECTIONS 4.2.2, 4.3.2, 4.5.2, AND 4.6.2, TO ALLOW FOR URBAN AGRICULTURE AS A PERMITTED USE; AND AMENDING ARTICLE 7 OF HAILEY'S ZONING ORDINANCE, ORDINANCE NO. 523, BY AMENDING SECTION 7.1, TO ESTABLISH BULK REQUIREMENTS AND STANDARDS FOR CHICKEN COOPS; PROVIDING FOR A SEVERABILITY CLAUSE; PROVIDING FOR A REPEALER CLAUSE; AND PROVIDING FOR THE EFFECTIVE DATE OF THIS ORDINANCE UPON PASSAGE, APPROVAL AND PUBLICATION ACCORDING TO LAW.

Hailey Ordinance No. 1055 amends Hailey Zoning Ordinance No. 532, as follows:

Section 1 amends Section 2.2 of Hailey Zoning Ordinance No. 532, by adding definitions of Chicken Coop and Urban Agriculture.

Sections 2, 3, 4 and 5 amend Sections 4.3.2, 4.5.2, 4.6.2, and 4.2.2 of Hailey Zoning Ordinance No. 532, by adding Urban Agriculture as a permitted use in the General Residential, Limited Business, Transitional and Limited Business Zoning Districts, respectively.

Section 6 amends Section 7.1 of Hailey Zoning Ordinance No. 532, by adding supplementary yard setback requirements to allow chicken coops on lots with single family dwelling for a maximum of three hens (roosters are prohibited) provided the chicken coop is fully enclosed with a roof or cover, made of sturdy and durable materials which will prohibit predator access and the door or opening can be secured shut, provided the chicken coop is located in the rear yard subject to the applicable setback, and provided the chicken coop or property is fenced in a manner which will keep hens confined to the property.

Section 7 provides for a severability clause.

Section 8 provides for a repealer clause.

Section 9 provides for an effective date of the ordinance.

Section 10 provides for a sunset clause so the ordinance automatically expires in one year unless the ordinance is otherwise extended.

The full text of Ordinance No. 1055 is available at Hailey City Hall at 115 South Main Street, Suite H, Hailey, Idaho 83333 and will be provided to any citizen upon request during regular business hours.

CERTIFICATION OF CITY ATTORNEY

I, the undersigned Attorney at Law, as attorney for the City of Hailey, Idaho, hereby certify that I have read the foregoing summary of Ordinance No. 1055 of the City of Hailey, that I have compared it to the full text of Ordinance No. 1055, and that in my opinion, the above summary is true and complete and provides adequate notice to the public of the contents of said Ordinance.

Dated this 24th day of May, 2010.

Ned Williamson, Hailey City Attorney

Publish: Idaho Mountain Express, May 26, 2010.

AGENDA ITEM SUMMARY

DATE: 5/24/2010

DEPARTMENT: Legal

DEPT. HEAD SIGNATURE: _____

SUBJECT:

Summary of Hailey Ordinance No. 1056 (Sign Ordinance Amendment)

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
(IFAPPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

I am enclosing a proposed summary of Hailey Ordinance No. 1056, the Sign Ordinance Amendment, which requires approval by the City Council.

Ned

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS Case # _____
Budget Line Item # _____ YTD Line Item Balance \$ _____
Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
Staff Contact: _____ Phone # _____
Comments:

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IFAPPLICABLE)

____ City Attorney	____ Clerk / Finance Director	____ Engineer	____ Building
____ Library	____ Planning	____ Fire Dept.	_____
____ Safety Committee	____ P & Z Commission	____ Police	_____
____ Streets	____ Public Works, Parks	____ Mayor	_____

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

Motion to approve the summary of Hailey Ordinance No. 1056.

FOLLOW-UP REMARKS:

SUMMARY OF HAILEY ORDINANCE NO. 1056

The following is a summary of the principal provisions of Ordinance No. 1056 of the City of Hailey, Idaho, duly passed and adopted May 10, 2010, by the City Council and Mayor of the City of Hailey:

AN ORDINANCE OF THE CITY OF HAILEY, IDAHO, REPEALING SECTION 8.2 OF HAILEY'S ZONING ORDINANCE, ORDINANCE NO. 532, AND REPLACING SECTION 8.2 WITH A NEW SECTION 8.2, WHICH PROVIDES A PURPOSE SECTION, CREATES DEFINITIONS, ESTABLISHES APPLICABILITY, ESTABLISHES PROCEDURES FOR A SIGN PERMIT, IDENTIFIES EXEMPT AND PROHIBITED SIGNS, CREATES DESIGN GUIDELINES, ESTABLISHES SIGN LIGHTING AND AREA STANDARDS, ESTABLISHES STANDARDS FOR SIGNS FOR MULTI-UNIT BUILDINGS, PROVIDES SPECIFIC SIGN STANDARDS, PROVIDES FOR PROCEDURES FOR UNSAFE AND ILLEGAL SIGNS AND NON-CONFORMING SIGNS, AND CREATES STANDARDS FOR MAINTENANCE OF SIGNS; PROVIDING FOR A SEVERABILITY CLAUSE; PROVIDING FOR A REPEALER CLAUSE; AND PROVIDING FOR THE EFFECTIVE DATE OF THIS ORDINANCE UPON PASSAGE, APPROVAL AND PUBLICATION ACCORDING TO LAW.

Hailey Ordinance No. 1056 amends Hailey Zoning Ordinance No. 532, as follows:

Section 1 amends Section 8.2 of Hailey Zoning Ordinance No. 532, by repealing Section 8.2 in its entirety and by replacing it with the addition of a new Section 8.2, to a) include a purpose section for signs, b) add the definitions for Animated Sign, Art, Alter, Awning Sign, Building Frontage, Changeable Copy Sign, Copy, Directory Sign, Flag, Freestanding Sign, Marquee Sign, Master Sign Plan, Non-conforming Sign, Pennant, Portable Sign, Projecting Sign, Roof Sign, Sign, Temporary Sign, Unit, Wall Sign and Window Sign, c) create an applicability section for the erection, alteration or relocation of signs within the City of Hailey, d) establish a procedure for an application for a sign permit and a master sign plan, e) exempt certain signs from the permit requirements of Section 8.2, f) prohibit certain signs within the City of Hailey, g) establish design guidelines for signs, h) establish lighting standards for signs, i) establish area standards for signs, j) establish sign standards for multi-unit buildings, k) establish specific sign standards for awning and marquee signs, changeable copy signs, freestanding signs, portable signs, projecting signs, wall signs and window signs, l) provide procedures for the repair and removal of unsafe and illegal signs, m) regulate non-conforming signs and n) provide for sign maintenance responsibilities.

Section 2 provides for a severability clause.

Section 3 provides for a repealer clause.

Section 4 provides for an effective date of the ordinance.

The full text of Ordinance No. 1056 is available at Hailey City Hall at 115 South Main Street, Suite H, Hailey, Idaho 83333 and will be provided to any citizen upon request during regular business hours.

CERTIFICATION OF CITY ATTORNEY

I, the undersigned Attorney at Law, as attorney for the City of Hailey, Idaho, hereby certify that I have read the foregoing summary of Ordinance No. 1056 of the City of Hailey, that I have compared it to the full text of Ordinance No. 1056, and that in my opinion, the above summary is true and complete and provides adequate notice to the public of the contents of said Ordinance.

Dated this 24th day of May, 2010.

Ned Williamson, Hailey City Attorney

Publish: Idaho Mountain Express, May 26, 2010.

