CITY OF IDAHO FALLS, IDAHO
COUNCIL MEETING AGENDA
REGULAR MEETING

Thursday, October 23, 2014 **7:30 p.m.**

COUNCIL CHAMBERS
680 PARK AVENUE

The Mayor, City Council, and Staff welcome you to tonight's meeting. We appreciate and encourage public participation. If you wish to comment on a matter that is NOT on the Agenda, you should comment during Agenda Item Number 3. If you do not know whether the Mayor will allow comments on an Item on tonight's Agenda (other than during a public hearing), your comments should be made during Agenda Item Number 3. An amendment to this Agenda may be made upon passage of a motion that states the reason for the amendment and the good faith reason that the Agenda item was not included in the original Agenda posting. City Council meetings are live streamed at www.idahofallsidaho.gov , then archived. Thank you for your interest in City Government.

1. **Call to Order and Roll Call.**

2. **Pledge of Allegiance.**

3. **Recognition of 2014 Citizen Review Committee Members.**

4. **Public Comment and Mayor's Response Time (Limit 15 Minutes):** *This is the opportunity for members of the public to speak to the Council regarding matters that are NOT on the Agenda, NOT noticed for a public hearing, NOT currently pending before the Planning Commission or Board of Adjustment; NOT the subject of a pending enforcement action; and NOT relative to a City personnel matter. If you want to speak, please state your name and address for the record and please limit your remarks to three (3) minutes. The Mayor and/or staff may respond to comments from a previous meeting. NOTE: The Mayor may exercise discretion to decide if and when to allow public comment on an Agenda Item that does not include a public hearing. If the Mayor determines that your comments may be made later in the meeting, she will let you know when you may make your comments.*

5. **CONSENT AGENDA:** Any item will be removed from the Consent Agenda at the request of any member of the Council and that item will be considered separately later. Approval by roll call vote:

a. Items from the City Clerk:

1. Approval of Minutes from the October 6, 2014 Council Work Session, and the October 9, 2014 Regular Council Meeting.

2. Approval of License Applications, including BEER LICENSES to Alchemy Bistro and Oman Ventures, LLC DBA D-Railed, all carrying the required approvals.

ACTION: To approve all items on the Consent Agenda according to the recommendations presented.

6. **REGULAR AGENDA**:

A. **Police Division**:

1. **Animal Licensing Ordinance Amendment**: The proposed Animal Ordinance deletes licensing requirements for commercial and non-commercial kennels; sets a limit on the number of dogs at three; deletes the requirement for consent of neighbors to be granted a license; and, allows for impoundment of nuisance animals.

ACTION: To approve the Ordinance under the suspension of rules requiring three complete and separate readings and that it be read by title and published by summary (or consider the Ordinance on the first reading and that it be read by title, or reject the Ordinance).

B. **Idaho Falls Power Division**:

1. **Tabulation and Award of Bid for Old Lower Plant Generator Rewind Project**: This is the bid tabulation for the Old Lower Plant Generator Rewind Project. City Council accepted the bidder prequalification list on August 28, 2014, which resulted in five bidders being prequalified. Three of those prequalified bidders responded to the bid. The bids have been reviewed by our Engineer, Mooney Consulting. The project involves rewinding generators from the Old Lower Plant as part of the upgrade to that facility. This project is a subset of the Old Lower Plant Upgrade and Rewind Project in the Capital Improvement Plan and is included in the Fiscal Year 2015 Budget. Idaho Falls Power recommends that the City Council approve the design and award the bid to the lowest responsive, responsible bidder, Simmco, in the amount of $534,752.00.

ACTION: To approve the design for the Old Lower Generator Rewind Project, to accept the lowest responsive, responsible bid provided by Simmco in the amount of $534,752.00 to complete the project, and give authorization for the Mayor and City Clerk to execute the necessary documents (or take other action deemed appropriate).

C. **Public Works Division**:

1. **Change Order No. 1 to 3H Construction LLC for the Airport Improvements on Grandview Drive, 2014 Project**: This is Change Order No. 1 to the Airport Improvements on Grandview Drive, 2014 Project. The Change Order addresses unit price and quantity adjustments and other costs incurred as a result of significant changes in site conditions. The total cost to the City for this Change Order is $64,743.25. This Change Order has been reviewed by the City Attorney and Airport Director. Public Works recommends approval of this Change Order and authorization for the Mayor and City Clerk to sign the documents.

ACTION: To approve Change Order No. 1 to 3H Construction LLC for the Airport Improvements on Grandview Drive, 2014 Project in the amount of $64,743.25 and give authorization for the Mayor and City Clerk to execute the necessary documents (or take other action deemed appropriate).

2. **Professional Services Supplemental Agreement with URS for the Grandview Drive, Skyline Drive to Saturn Avenue Project**: This is a Supplemental Agreement with URS for the Grandview Drive, Skyline Drive to Saturn Avenue Project. The Supplemental Agreement is needed to address changes to the scope of work for additional surveying and geotechnical investigation required to accommodate proposed storm water drainage design. The total not-to-exceed compensation for this Supplemental Agreement is $16,800.00. The City will be responsible for 7.34% of this amount. This Agreement has been reviewed by the City Attorney. Public Works recommends approval of this Professional Services Supplemental Agreement and authorization for the Mayor and City Clerk to sign the necessary documents.

ACTION: To approve the Professional Services Supplemental Agreement with URS for the Grandview Drive, Skyline Drive to Saturn Avenue Project in an amount not to exceed $16,800.00, of which the City is responsible for 7.34% of that amount, and give authorization for the Mayor and City Clerk to execute the necessary documents (or take other action deemed appropriate).

D. **Airport Division**:

1. **Change Order No. 1 to HK Contractors, Inc. for the South Quadrant Apron, Taxilane, and Access Road Project**: This is Change Order No. 1 for the South Quadrant Apron, Taxilane and Access Road Project. This Change Order is due to work items needed that were not addressed in the original contract and increases the project cost by $39,913.45 for a revised contract total of $1,809,201.45. The Federal Aviation Administration (FAA) has reviewed and approved this Change Order as eligible for reimbursement at 93.75%. The Airport Division respectfully requests City Council approval of this document.

ACTION: To approve Change Order No. 1 to HK Contractors, Inc. for the South Quadrant Apron, Taxilane, and Access Road Project in the amount of $39,913.45 with reimbursement from the FAA at the rate of 93.75%, and give authorization for the Mayor and City Clerk to execute the necessary documents (or take other action deemed appropriate).

Motion to Adjourn.

If you need communication aids or services or other physical accommodations to participate or access this meeting or program of the City of Idaho Falls, you may contact City Clerk Rosemarie Anderson at Telephone Number 612-8414 or the ADA Coordinator Lisa Farris at Telephone Number 612-8323 as soon as possible and they will make every effort to adequately meet your needs.

CONSENT AGENDA:

5. **CONSENT AGENDA:** Any item will be removed from the Consent Agenda at the request of any member of the Council and that item will be considered separately later. Approval by roll call vote:

a. Items from the City Clerk:

1. Approval of Minutes from the October 6, 2014 Council Work Session, and the October 9, 2014 Regular Council Meeting.

2. Approval of License Applications, including BEER LICENSES to Alchemy Bistro and Oman Ventures, LLC DBA D-Railed, all carrying the required approvals.

ACTION: To approve all items on the Consent Agenda according to the recommendations presented.

REGULAR AGENDA:

IDAHO FALLS POLICE DEPARTMENT

"Making A Difference"

Memorandum

Date: 20 October 2014

To: Rebecca Casper, Mayor

From: Mark McBride, Chief of Police

RE: Council Agenda Item/Animal Ordinance 5-6-1, 5-6-7 (Dog Licensing)

The Police Department respectfully requests that the proposed changes to the attached animal ordinance be placed on the Council agenda for 23 October 2014.

Animal Ordinance Changes: This ordinance change deletes licensing requirements for commercial and non-commercial kennels; sets a limit on the number of dogs at three; deletes the requirement for consent of neighbors to be granted a license; and allows for impoundment of nuisance animals.

ACTION: To approve the Ordinance under the suspension of the rules requiring three complete and separate readings and that it be read by title and published by summary (or consider the Ordinance on the first reading and that it be read by title, or reject the Ordinance).

ORDINANCE NO. 2014-

AN ORDINANCE OF THE CITY OF IDAHO FALLS, IDAHO, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO, AMENDING SECTION 5-6-1 AND 5-6-7 OF THE IDAHO FALLS CITY CODE; DELETING LICENSING REQUIREMENTS FOR COMMERCIAL AND NON-COMMERCIAL KENNELS; SETTING A LIMIT ON THE NUMBER OF DOGS ALLOWED ON THE PREMISES OF ANY ONE (1) DWELLING OR UPON THE PREMISES OF ANY ONE (1) BUSINESS PROPERTY IN THE CITY ALLOWING UP TO THREE (3) DOGS PER ANY ONE (1) DWELLING OR UPON THE PREMISES OF ANY ONE (1) BUSINESS PROERTY UPON CERTAIN CONDITIONS; ALLOWING IMPOUNDMENT OF A NUISANCE ANIMAL; AND PROVIDING SEVERABILITY, CODIFICATION, PUBLICATION BY SUMMARY, AND ESTABLISHING EFFECTIVE DATE.

WHEREAS, City kennel licensing is currently required in commercial and noncommercial zoning districts for people who wish to have more than two (2) dogs; and

WHEREAS, such kennel licensing includes a requirement for consent of neighbors in order to successfully be granted such a license; and

WHEREAS, the kennel licensing program has not resulted in the desired regulation and control of potential nuisances; and

WHEREAS, the City staff believes that the kennel licensing program is no longer necessary if an adjustment in the Code regarding the number of dogs is made; and

WHEREAS, complaints related to the number of dogs in any one (1) dwelling or any one (1) business property may be handled through general public nuisance Ordinances and statutes; and

WHEREAS, in order to accommodate the discontinuance of the kennel licensing program within the City, the Council wishes to permit up to three (3) dogs per any one (1) dwelling or upon the premises of any one (1) business property where allowed by the Zoning Code.

NOW THEREFORE, BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF IDAHO FALLS, IDAHO THAT:

SECTION 1. Section 5-6-1 of the City Code of the City of Idaho Falls, Idaho, is hereby amended, as follows:

5-6-1: DEFINITIONS:

Certain terms used in this Chapter shall have the meaning ascribed below:

A. ANIMAL CONTROL SHELTER: Any animal shelter, lot, premises or building maintained by the City for the confinement and care of animals.

B. AT LARGE: A dog shall be deemed to be at large when off the property of the owner, and not under restraint or control.

C. DOG: A dog of an age four (4) months or older that is kept as a household pet.

~~D. DOG KENNEL: Any place where more than two (2) dogs are kept.~~ DE. ENCLOSURE: A fence or structure suitable to prevent escape of the animal or the entry of young children.

EF. NEUTERED: Rendered permanently incapable of reproduction.

FG. NUISANCE ANIMAL: A nuisance animal, including a dog or cat, is one that:

1. Frequently runs at large;
2. Damages, soils, or defecates on private property other than property owned or controlled by the animal owner or on public property, including walks and recreation areas, unless such waste is immediately removed and properly disposed of by the animal owner or handler;
3. Causes unsanitary or dangerous conditions;
4. Causes a disturbance by excessive barking or other noise making
5. Creates a general public nuisance; and/or
6. Chases vehicles, or molests, attacks, or interferes with persons or other domestic animals on public property.

GH. OWNER: A person having the right of property or custody of an animal or who keeps or harbors an animal or knowingly permits an animal to remain on or about any premises occupied, owned, or controlled by that person.

HI. PERSON: Any individual, corporation, partnership, organization or institution commonly recognized by law as a unit.

IJ. RESTRAINT: A dog shall be considered under restraint if it is confined within a structure or fenced yard, is secured by a leash, lead or chain or is confined within a vehicle in a manner that prevents escape.

JK. UNLICENSED DOG: A dog for which a license has not been issued for the current year, or to which the tag provided for in this Chapter is not attached.

KL. VACCINATION: The inoculation of an animal against rabies in accordance with state law and the "Compendium of Animal Rabies Prevention and Control" published by the National Association of the State Public Health Veterinarians and published annually in the Journal of the American Veterinary Medical Association.

SECTION 2. Section 5-6-7 of the City Code of the City of Idaho Falls, Idaho, is hereby amended, as follows:

5-6-7 OWNERSHIP OF DOGS LIMITED:

~~(A)~~ It shall be unlawful to maintain upon the premises of any one (1) dwelling or upon the premises of any one (1) business property more than three (3) dogs except, where accommodation or variation from these requirements is appropriate under current state or federal law or where allowed by the Zoning Code. ~~operate a dog kennel or to keep upon the premises of any one household or upon the premises of any one business property, more than two (2) dogs unless the owner or person in charge thereof has a commercial or noncommercial kennel license.~~

~~(B) Noncommercial License: Applications for noncommercial kennel licenses shall be made to the Clerk. Such license shall not be issued unless at least seventy five percent (75%) of all the owners or persons in possession of premises located within one hundred feet (100') of the premises upon which said noncommercial kennel is to be maintained, have consented to the operation of such noncommercial kennel. Upon receipt of such application, the City Clerk shall request Animal Services to poll such owners to determine if they are willing to consent to the issuance of a noncommercial kennel license to the applicant. For the purposes of determining such percentage, persons having joint ownership or control of such premises shall be considered as one person. The applicant shall also pay a license fee of fifty dollars ($50) annually, which fee shall be returned to the applicant if the license is not issued. The applicant shall allow an annual inspection of the kennel by Animal Services personnel and any inspections that may be warranted in response to complaints or violations of this Chapter supported by probable cause. The application shall state the name and address of the owner, the location of the non-commercial kennel, the number of dogs presently kept and the breed(s) of the dogs. Dogs kept in a noncommercial kennel shall be owned only by members of the immediate household and a separate dog license shall be purchased for each dog. A noncommercial kennel license shall not be transferable and shall expire on December 31st of the year of issuance. Upon renewal of a noncommercial kennel license, a re-polling of neighboring owners shall not be required, unless within one (1) year prior to the expiration of such license, one or more complaints have been filed in writing with the Police Department or Animal Services regarding the applicant's maintenance of such kennel. In such event, no license shall be issued until Animal Services has conducted a new poll and the required consents have been obtained. No person holding a noncommercial kennel license shall keep any dog for breeding purposes or for the purpose of raising such dog for commercial sale. All dogs, except registered purebred dogs, kept pursuant to a noncommercial kennel license shall be sterilized within twelve (12) weeks after their date of birth. No license shall be issued unless the applicant i) provides written certification by a licensed veterinarian that all licensed animals, other than purebred animals, have been sterilized or the applicant provides a certificate from an Animal Control officer that he or she has inspected each animal and verified such sterilization, and ii) the applicant provides proof of registration by a recognized kennel club for each unsterilized purebred dog kept on the premises. In no event may the licensee or applicant keep more than one breed of unsterilized purebred dogs on the premises. A maximum of five (5) dogs may be kept upon the premises owned by a person holding a noncommercial kennel~~

~~license.~~

SECTION 3. Non-Conforming Uses. Any lawful pet use established pursuant to the City's Zoning Code prior to the effective date of this Ordinance shall be allowed to continue as a non-conforming use pursuant to such Zoning Code. No non-conforming pet use shall be allowed to increase in extent or intensity and no dogs in excess of the three (3) dogs allowed by this Ordinance shall be allowed to replace any dog owned at the time that such non-conforming use was recognized in an attempt to allow such non-conformity to continue.

SECTION 4. Intent. It is Council's intent hereby to allow the owners of property with lawful uses, to keep up to five (5) dogs currently owned until the number of such dogs naturally decreases to not more than three (3) dogs per dwelling. It is also Council's intent that current non-conforming pet uses are extinguished as soon as possible under the law.

SECTION 5. Savings and Severability Clause. The provisions and parts of this Ordinance are intended to be severable. If any section, sentence, clause or phrase of this Ordinance should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any other section, sentence, clause or phrase of this Ordinance. The remaining Sections of Title 5, Chapter 6, shall be in full force and effect.

SECTION 6. Codification Clause. The City Clerk is instructed to immediately forward this Ordinance to the codifier of the official municipal code for proper revision of the Code.

SECTION 7. Publication. This Ordinance, or a summary thereof in compliance with Idaho Code, shall be published once in the official newspaper of the City, and shall take effect immediately upon its passage, approval, and publication.

SECTION 8. Effective Date. This Ordinance shall be in full force and effect from and after its passage, approval and publication.

PASSED by the City Council and APPROVED by the Mayor of the City of Idaho Falls, Idaho, this _____ day of _____, 2014.

ATTEST: CITY OF IDAHO FALLS, IDAHO

_____ _____

ROSEMARIE ANDERSON, CITY CLERK REBECCA L. NOAH CASPER, MAYOR

(SEAL)

STATE OF IDAHO)
) ss:
County of Bonneville)

I, ROSEMARIE ANDERSON, CITY CLERK OF THE CITY OF IDAHO FALLS, IDAHO, DO HEREBY CERTIFY:

"AN ORDINANCE OF THE CITY OF IDAHO FALLS, IDAHO, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO, AMENDING SECTION 5-6-1 AND 5-6-7 OF THE IDAHO FALLS CITY CODE; DELETING LICENSING REQUIREMENTS FOR COMMERCIAL AND NON-COMMERCIAL KENNELS; SETTING A LIMIT ON THE NUMBER OF DOGS ALLOWED ON THE PREMISES OF ANY ONE (1) DWELLING OR UPON THE PREMISES OF ANY ONE (1) BUSINESS PROPERTY IN THE CITY ALLOWING UP TO THREE (3) DOGS PER ANY ONE (1) DWELLING OR UPON THE PREMISES OF ANY ONE (1) BUSINESS PROERTY UPON CERTAIN CONDITIONS; ALLOWING IMPOUNDMENT OF A NUISANCE ANIMAL; AND PROVIDING SEVERABILITY, CODIFICATION, PUBLICATION BY SUMMARY, AND ESTABLISHING EFFECTIVE DATE."

_____
ROSEMARIE ANDERSON, CITY CLERK

Idaho Falls Power

A Division of the City of Idaho Falls *"A community with its own kind of energy"*

Reliable Public Power Provider

MEMORANDUM

TO: Honorable Mayor and City Council

FROM: Jackie Flowers, General Manager

DATE: October 20, 2014

Re: Bid Award for Old Lower Generator Rewind Project

Attached for your consideration is the bid tabulation for the Old Lower Plant Generator Rewind Project. City Council accepted the bidder prequalification list on August 28, which resulted in five bidders being prequalified. Three of those prequalified bidders responded to the bid. The bids have been reviewed by our engineer, Mooney Consulting. Attached is a copy of their review letter.

The project involves rewinding generators from the Old Lower Plant as part of the upgrade to that facility. This project is a subset of the Old Lower Plant Upgrade and Rewind Project in the Capital Improvement Plan and is included in the FY15 budget.

Idaho Falls Power recommends that the City Council approve the design and award the bid to the lowest responsive, responsible bidder Simmco in the amount of $534,752.

JRF/616

C: City Clerk
City Attorney
Municipal Services - Purchasing
File

PO Box 50220
140 S Capital
Idaho Falls ID 83405

Phone: 208-612-8430
Fax: 208-612-8435
www.ifpower.org

CITY OF IDAHO FALLS
OFFICIAL BID OPENING

DATE OF OPENING: October 14, 2014 at 11:00 AM

LOCATION: City Clerk's Office, 308 Constitution Way, Idaho Falls, Idaho 83402

PROJECT: OLD LOWER GENERATOR REHAB
PROJECT NO. ELEC-2014-14

ANTICIPATED COUNCIL AWARD DATE: Thursday, October 23rd, 2014

ENGINEERS ESTIMATE: $700,000

NAME OF BIDDER	LUMP SUM BID	BREAKDOWN OF BID	BREAKDOWN OF BID AMOUNT
GE Energy	**$569,566**		
		Freight	$83,800
		Spare Coils	$4,200
		Cost of Storing Generators	$6,860
		Cost For Additional Shop Work	$207, $170, $162
		Salvage Copper Cost	$5,534
Integrated Power Services	**$729,960**		
		Freight	$66,666
		Spare Coils	$3,500
		Cost of Storing Generators	$0.00
		Cost For Additional Shop Work	$125
		Salvage Copper Cost	$9,550
SIMMCO	**$534,752**		
		Freight	$91,150
		Spare Coils	$3,125
		Cost of Storing Generators	$3,000
		Cost For Additional Shop Work	$95
		Salvage Copper Cost	$10,920

October 17, 2014

Mr. Richard Malloy
Program Manager
Idaho Falls Power
140 S. Capital
Idaho Falls, ID 83405

Subject: RFP Evaluation - City of Idaho Falls Old Lower Powerplant Generator Rehabilitation - Project No. ELEC-2014-14

Dear Richard:

Mooney Consulting has reviewed the RFP responses received by IFP on October 14, 2014 for the OLP generator rehabilitation. All responses were evaluated for conformance with the conditions set forth in the solicitation for Project Number ELEC-2014-14.

Three (3) contractor responses (GE Industrial Solutions, IPS Portland, and SIMMCO) were evaluated. Two (2) pre-qualified contractors (Australian Winders and Alstom Power) elected not to bid. We find all responding bidders to be responsive and in compliance with the RFP requirements.

Based upon cost, project approach and contractor experience, we recommend that IFP award the OLP generator rehabilitation contract to SIMMCO in the amount of $534,752. We also suggest that the remaining bids be retained until IFP has executed its contract with SIMMCO.

Should you have questions or comments please do not hesitate to contact me.

Sincerely,

Michael P. Elliott, P.E.
Project Manager
Mooney Consulting

cc: Jackie Flowers
John Barksdale
Leroy Mock
Bob Mooney
Liu Lianggao

City of Idaho Falls
PUBLIC WORKS DIVISION

P.O. BOX 50220
IDAHO FALLS, IDAHO 83405
www.idahofallsidaho.gov

MEMORANDUM

To: Honorable Mayor & City Council

From: Chris H Fredericksen, Public Works Director

Date: October 20, 2014

Subject: **CHANGE ORDER NO. 1 – AIRPORT IMPROVEMENTS ON GRANDVIEW DRIVE 2014**

Attached is Change Order No. 1 to the Airport Improvements on Grandview Drive 2014 project. The change order addresses unit price and quantity adjustments and other costs incurred as a result of significant changes in site conditions. The total cost to the City for this change order is $64,743.25. This change order has been reviewed by the City Attorney and Airport Director.

Public Works recommends approval of this change order; and, authorization for Mayor and City Clerk to sign the documents.

Respectfully,

Chris H Fredericksen, P.E.
Public Works Director

CF:jk

Attachment

c: Mayor
Council
Fugal

2-37-14-2-AIR-2014-23

2014-84

CITY OF IDAHO FALLS
ENGINEERING DEPARTMENT

Contract Change Justification

Project: Airport Improvements on Grandview Dr - 2014 Change Order No: 1
Project No: 2-37-14-2-AIR-2014-23 Page Number: 1
Date: October 2, 2014
Requested By: Reed Hill, 3H Construction, LLC

Two different construction contracts are underway at the site—this project and an FAA-funded project that, among other things, is constructing the access roadway under which these water and sewer lines are being installed. Work done under the FAA project has significantly altered the site conditions from what was bid for this project. See the attached cost breakdown and justification letter from the Contractor. The following contractual changes are required to offset the changed conditions:

1. Make the following changes to the quantities and unit prices for 809.01.2 Trench Excavation and Backfill:
   a) Change the quantity of **Class I** from 3,845 L.F. to 2,584 L.F. and change the unit price from $6.75/L.F. to $18.00/L.F.
   b) Change the quantity of **Class II** from 404 L.F. to 1,665 L.F. and change the unit price from $40.00/L.F. to $25.00/L.F.

2. Add compensation for pipeline crossings under a new bank of utilities that was installed between the time when the project was bid and the time of construction. The unit is $780.00/EACH for an estimated 24 crossings.

Submitted	Recommended
By: Bill Hawley	By: Kent J. Fugal, P.E., PTOE
Construction Inspector	City Engineer
10/17/14 Date	10/17/14 Date

CITY OF IDAHO FALLS
ENGINEERING DEPARTMENT

Contract Change Order

Project: Airport Improvements on Grandview Dr - 2014 Change Order No: 1
Project No: 2-37-14-2-AIR-2014-23 Page Number: 2
Date: October 2, 2014

To: 3H Construction, LLC

You are directed to perform the following changes or additional work, which were not included in the plans and specifications of your Contract.

1. Make the following changes to the quantities and unit prices for 809.01.2 Trench Excavation and Backfill:
   a) Change the quantity of **Class I** from 3,845 L.F. to 2,584 L.F. and change the unit price from $6.75/L.F. to $18.00/L.F.
   b) Change the quantity of **Class II** from 404 L.F. to 1,665 L.F. and change the unit price from $40.00/L.F. to $25.00/L.F.
2. Add an item for pipeline crossings under the new bank of utilities. The unit is $780.00/EACH for an estimated 24 crossings.

Contract Time Adjustment: **0** Calendar Days
New Contract Completion Date: **N/A**
Contract Amount Prior to Change Order: **$138,726.05**
Total Estimated Increase in Contract Amount: **$64,743.25**
New Contract Amount: **$203,469.30**

We, the undersigned Contractor, agree that if this proposal is approved, we will perform the work detailed above and accept payment at the prices shown for the respective items, in accordance with the terms of the original contract or as herein provided.

Contractor Acceptance

By: 3H Construction, LLC (Contractor) 10-17-14 (Date)

By: Reed Hill (Signature) Operations Manager (Title)

Approved for City of Idaho Falls

_____ Date

_____ Mayor _____ Attest, City Clerk

3H Construction LLC

P.O. Box 2250, Idaho Falls, ID 83403-2250

Office: 208-359-8009 Fax: 208-359-1512 Cell: 208-589-7713

City of Idaho Falls
Attn: Bill Hawley

October 1, 2014

Airport Improvements on Grandview – Change Order Request #1
Negotiated Cost on Class I and Class II Trench Excavation and Backfill
Due to Change of Conditions of Road Construction

Water Line (Estimated)	Quantity	Unit Price	Total
Trench Excavation and Backfill – Class I	1532	$18.00	$27,576.00
Trench Excavation and Backfill – Class II	955	$25.00	$23,875.00
Sewer Line (Estimated)			
Trench Excavation and Backfill – Class I	1052	$18.00	$18,936.00
Trench Excavation and Backfill – Class II	710	$25.00	$17,750.00
Total			$88,137.00
Original Estimate for Class I and Class II			($42,113.75)
Difference			**$46,023.25**

Utility Crossing Sewer and Water Under Existing Power and Gas	24	$780.00	**$18,720.00**

Total Change Order Request $64,743.25

Please feel free to call with any questions or comments.

Sincerely,

Reed Hill

Reed Hill
Operations Manager
208-589-7713

3H Construction LLC

P.O. Box 2250, Idaho Falls, ID 83403-2250
Office: 208-359-8009 Fax: 208-359-1512 Cell: 208-589-7713

City of Idaho Falls
Attn: Bill Hawley

October 1, 2014

Airport Improvements on Grandview – Explanation for Change Order Request #1
Negotiated Cost on Class I and Class II Trench Excavation and Backfill
Due to Change of Conditions of Road Construction

To Whom it may concern,

Even though Class I Excavation Trench and Backfill states 0-6 feet deep; we bid our jobs according to the actual depths provided on the plan drawings in order to be competitive with our pricing. The contract documents on this job show the majority of trenching at 2-3 feet deep; which requires a lot less work and expense than a 5-6 foot deep excavation.

Due to the construction of a new road base prior to our trenching being accomplished; the parameters of our job duties doubled, if not tripled, requiring trenching at depths of 5-6 feet instead of the anticipated 2-3 feet that was stated on the plan drawings.

Had we known of the new road construction, and if it had been detailed on the original plan drawings, our original bid amounts would have been much higher to accommodate for those actual depths.

Please feel free to contact me with any further questions or comments.

Sincerely,

Reed Hill

Reed Hill
Operations Manager
208-589-7713

City of Idaho Falls
PUBLIC WORKS DIVISION

P.O. BOX 50220
IDAHO FALLS, IDAHO 83405
www.idahofallsidaho.gov

MEMORANDUM

To: Honorable Mayor & City Council

From: Chris H Fredericksen, Public Works Director

Date: October 20, 2014

Subject: **PROFESSIONAL SERVICES SUPPLMENTAL AGREEMENT WITH URS – GRANDVIEW DRIVE, SKYLINE DRIVE TO SATURN AVENUE**

Attached is a Supplemental Agreement with URS for the Grandview Drive, Skyline Drive to Saturn Avenue project. The supplemental agreement is needed to address changes to the scope of work for additional surveying and geotechnical investigation required to accommodate proposed storm water drainage design. The total not-to-exceed compensation for this supplemental is $16,800.00. The City will be responsible for 7.34% of this amount. This agreement has been reviewed by the City Attorney.

Public Works recommends approval of this professional service supplemental agreement; and, authorization for Mayor and City Clerk to sign the necessary documents.

Respectfully,

Chris H Fredericksen, P.E.
Public Works Director

CF:jk

Attachment

c: Mayor
Council
Canfield

2-37-13-2-STR-2010-24

2014-83

Supplemental Agreement

ITD 2113 (Rev. 04-11
itd.idaho.go

Key Number	Project Name	Project Number	Program Number	Supplemental Number
13132	GRANDVIEW DR., SKYLINE DR TO SATURN AVE.	A013(132)		1

Consultant Name	Agreement Number	Date Authorized
URS	8591	

	Not-to-Exceed (NTE) Amount	Additional Services Amount	Agreement Amount	Fixed Fee Amount (Included in NTE)
Original Agreement	$264,000.00	$.00	$264,000.00	$20,412.00
Previous Supplementals	$.00	$.00	$.00	$.00
This Supplemental	$16,800.00	$.00	$16,800.00	$383.00
New Totals	$280,800.00	$0.00	$280,800.00	$20,795.00

The Agreement dated October 1, 2013 between the State and Consultant is hereby modified as the parties hereto mutually agree.

Describe Changes to the Agreement (list all additional work and show method of payment and maximum cost)

Consultant will provide additional design and survey services as detailed in the Scope of Work.

The Agreement Amounts are revised as shown in the table above.

The undersigned Consultant hereby agrees that if this Supplemental Agreement is approved, they will perform the work detailed above and accept payment at the prices shown for the respective items in accordance with the terms of the original Agreement, except as herein provided. **This Supplemental Agreement is not effective until approved by the Chief Engineer or his authorized representative.**

By reason of this proposed change, completion time will be adjusted as follows		Approved by Local Sponsor	
No change in completion date. Current completion date is January 30, 2016.		CITY OF IDAHO FALLS	
Accepted By		Local Sponsor Signature Showing Approval	Title
URS			
Signature	Title	District Engineer Signature (Approved for the State of Idaho)	
	Project Manager		

CAU

Supplemental Scope of Work

Grandview Dr., Skyline Dr. to Saturn Ave.
Project No. A013(132)
Key No. 13132
August 13, 2014

The following detailed scope of work describes the additional work that has become necessary for the URS team in the Preliminary Design Phase of the Grandview Dr., Skyline Dr. to Saturn Ave. Project.

Additional survey work has been requested throughout the design process and this scope describes that expanded scope of work.

Because ITD refused our request to place an infiltration pond in the loop of the adjacent interchange, we have been pursuing options for an infiltration system under the roadway. The City of Idaho Falls directed additional work to investigate the feasibility of providing this system, including additional geotechnical analysis.

The original scopes of work assumed a surface drainage facility and so the borings conducted in the roadway only went down 6' to collect existing pavement section data and deeper borings are needed to determine the percolation properties of the soil under the roadway. In general, the additional geotechnical/materials engineering scope of work will consist of performing field and laboratory explorations, engineering analyses, and preparing an abbreviated Addendum letter. The following tasks correlate to the original scope of work tasks.

The following additional work scope items are covered in this Supplemental Agreement.
Scope Change Item 1—Task 2.3 Field Surveys
Scope Change Item 2—Task 3.2 Materials Addendum Letter
Scope Change Item 3—Task 6.2 Preliminary Drainage Design

2.0 Location Surveying and Mapping Additional Services

1. Perform additional topographic survey of DEQ Building site and drainage pond area. Modifies Tasks 2.3.1 and 2.6. *(Note: this extra work is anticipated to be performed through cost savings under the existing budget, so no hours for this task are included in the labor hour estimate.)*
2. Prepare two additional slope easements, for a total of five ROW takes. Modifies Task 2.8.3. *(Note: the original scope only assumed three takes and descriptions.)*
3. Update ROW with new slopes after design changes. Modifies Task 2.6. *(Note: this task is for modifications to the MicroStation line work in the ROW design file, separate from preparation of the property descriptions.)*

4. Prepare survey maps and CP&F for Bob Jones/URS. Modifies Task 2.2.2. *(Note: The background work to gather this information for our files was described in Task 2.2.2; the extra work is to prepare an unanticipated separate submittal to URS.)*
5. Prepare a new permanent easement along the south side of Grandview at the request of Idaho Falls Power. Modifies Task 2.8.3.
6. Perform additional topographic survey, and prepare ROW and easements for a re-design along the Nemechek Driveway. Modifies Tasks 2.3.1, 2.6, and 2.8.3.
7. Perform additional project management; assume involvement in the project through October 2014. Modifies Tasks 1.2 and 1.4. *(Note: original scope only had Keller participating for the first four months of the project.)*

3.2 *Materials Addendum Letter*

3.2.1 Field Investigation

The field investigation will include the following items:

- Select and mark the exploration boring locations in the field.
- Arrange for utility clearance at the boring locations.
- For estimating purposes, it will be assumed 3 borings will be drilled and sampled up to a depth of 18 feet, or refusal.
- Prepare detailed field exploration boring logs.

3.2.2 Laboratory Investigations

Samples collected in the field investigations will be taken to our laboratory where they will be visually classified by the project engineer. Representative samples will be selected to determine physical and engineering properties as appropriate. Depending on the materials encountered, tests performed may include Soils Classification, moisture content, gradation and Atterberg limits.

3.2.3 Analyses and Addendum Letter Preparation

Preparing the draft and final Addendum Letter will generally consist of the following:

- Prepare boring logs
- Provide design infiltration rate for subsurface soils.
- Prepare and submit draft and final Addendum Letter (pdf submittal).

Assumptions

- Traffic control for the drilling operations will be provided by the City of Idaho Falls. Preparation of the traffic control plan will also be performed by the City of Idaho Falls.
- All borings may be backfilled with cuttings, and grouting of the borings will not be required.
- No rock coring will be performed.

6.2 *Preliminary Drainage Design*

The previous preliminary drainage analysis, design, and submittal assumed a surface drainage facility to retain and infiltrate the project storm water runoff. URS will expand the drainage design task to include the additional feasibility analysis for an infiltration system under the roadway.

Products and Deliverables

- Draft Drainage Design Memo
- Final Drainage Design Memo

Assumptions

- One review of the Draft Drainage Design Memo is assumed.

City of Idaho Falls & ITD District 6 - Grandview Dr., Skyline Dr. to Saturn Ave.

Supplemental Scope of Work # 1

CONSULTANT: URS, Keller Associates Inc., American Geotechnics, & Bionomics

PROJECT NAME: Grandview Dr., Skyline Dr. to Saturn Ave.

PROJECT NO. : A013(132)

KEY NO.: 13132

A. DIRECT LABOR

	Personnel		Man-Days		Man-Hours		Hrly Rate		Raw Labor Cost
	Civil Engineering								
2	Project Manager		0.5	=	4	@	$51.59	= $	206.36
3	Drainage Engineer		1.5	=	12	@	$58.10	= $	697.20
8	CAD Technician		1.00	=	8	@	$32.16	= $	257.30
		Total	3.0		24.0				1,160.9
					TOTAL RAW LABOR COST			= $	**1,160.86**

B. PAYROLL, FRINGE BENEFIT COSTS & OVERHEAD

Civil Engineering Total Raw Labor Cost		Approved Overhead Rate		
$ 1,160.86	X	**175.00%**	=	**$2,031.51**

C. NET FEE

Total Raw Labor & Overhead		NET FEE		
$3,192.38	X	**12%**	=	**$383.09**

TOTAL LABOR **$3,575.46**

D. DIRECT EXPENSE SUMMARY

		Unit	Quantity		Unit Cost		Estimated Expense
1	Mileage	Miles	@	$ -	=	$	-
2	Lodging	Nights*	@	$ 77.00	=	$	-
3	Taxes on lodging (9%)	Nights*	@	$ 6.93	=	$	-
4	M&IE	Days*	@	$ 46.00		$	-
5	Rental Car	Days	@	$ 50.00	=	$	-
6	Gasoline for Rental Car	Days	@	$ 20.00		$	-
		TOTAL ESTIMATED EXPENSE			=	**$**	**-**

E. SUBCONSULTANTS

1	Keller Associates Inc.	**	=	$	6,181
2	American Geotechnics	**	=	$	6,975
3	Bionomics Environemental, Inc.	**	=	$	-

TOTAL	=	**$16,732**

* As per the "FEDERAL PER DIEM RATES FOR IDAHO"

** See attached Subconsultant's Summary

City of Idaho Falls & ITD District 6 - Grandview Dr., Skyline Dr. to Saturn Ave.

Supplemental Scope of Work # 1

CONSULTANT: URS

PROJECT NAME: Grandview Dr., Skyline Dr. to Saturn Ave.

PROJECT NO. : A013(132)

KEY NO.: 13132

ESTIMATED LABOR MAN DAYS

TASK #			TASK DESCRIPTION		Civil Engineering		
					Project Manager	Drainage Engineer	CAD Technician
6			Preliminary Design	0			
	6.2		Preliminary Drainage Design	3	0.5	1.5	1
			Task 6 Total Man Days	3	0.5	1.5	1

CONSULTANT: URS
PROJECT NAME: Grandview Dr., Skyline Dr. to Saturn Ave.
PROJECT NO. : A013(132)
KEY NO.: 13132

Employee Name	Schedule Wage Rate	QA/QC % of Cat. Time	QA/QC Adj. Wage	Project Manager/Roadway Engineer % of Cat. Time	Project Manager/Roadway Engineer Adj. Wage	Drainage Engineer % of Cat. Time	Drainage Engineer Adj. Wage	Structural Engineer % of Cat. Time	Structural Engineer Adj. Wage	Professional Land Surveyor % of Cat. Time	Professional Land Surveyor Adj. Wage	Roadway Designer % of Cat. Time	Roadway Designer Adj. Wage	Traffic Designer % of Cat. Time	Traffic Designer Adj. Wage	CADD Technician % of Cat. Time	CADD Technician Adj. Wage	Environmental Principal % of Cat. Time	Environmental Principal Adj. Wage	Hazardous Materials/Planning % of Cat. Time	Hazardous Materials/Planning Adj. Wage	Archaeologist % of Cat. Time	Archaeologist Adj. Wage	Environmental Planner % of Cat. Time	Environmental Planner Adj. Wage	Wetland Ecologist % of Cat. Time	Wetland Ecologist Adj. Wage	GIS Specialist % of Cat. Time	GIS Specialist Adj. Wage	Administration % of Cat. Time	Administration
Civil Engineering																															
Pete Szobonya	$ 70.44	100%	$ 70.44		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Cameron Waite	$ 51.59		$ -	100%	$ 51.59		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Markus Green	$ 58.10		$ -		$ -	100%	$ 58.10		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Raoul Johnson	$ 38.86		$ -		$ -		$ -	100%	$ 38.86		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Bob Jones	$ 49.62		$ -		$ -		$ -		$ -	100%	$ 49.62		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Josh Thomas	$ 39.93		$ -		$ -		$ -		$ -		$ -	80%	$ 31.85		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Don Gray	$ 38.08		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 38.08		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Jay Walton	$ 46.07		$ -		$ -		$ -		$ -		$ -		$ -		$ -	15%	$ 6.91		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Bruce Hamel	$ 66.11		$ -		$ -		$ -		$ -		$ -		$ -	20%	$ 13.22		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -
Jim Gibson	$ 46.35		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	10%	$ 4.64		$ -		$ -		$ -		$ -		$ -		$ -
Peter Ramus	$ 27.49		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	75%	$ 20.62		$ -		$ -		$ -		$ -		$ -		$ -
Environmental																															
Davis Pearson	$ 64.56		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 64.56		$ -		$ -		$ -		$ -		$ -
Lisa Gates	$ 30.04		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 30.04		$ -		$ -		$ -		$ -
Brian Wallace	$ 28.88		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 28.88		$ -		$ -		$ -
Noah Herlocker	$ 38.48		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 38.48		$ -
Lynell Sutter	$ 34.00		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 34.00		$ -		$ -
Erin Soura	$ 19.92		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 19.92		$ -
Darci Sloat	$ 28.16		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	100%	$ 28.16
Hourly Rate			$ 70.44		$ 51.59		$ 58.10		$ 38.86		$ 49.62		$ 45.09		$ 38.08		$ 32.18		$ 64.56		$ 30.04		$ 28.88		$ 34.00		$ 38.48		$ 19.92		$ 28.16

Civil Engineering Individual	Direct Rate	Labor Category
Pete Szobonya	$ 70.44	QA/QC
Cameron Waite	$ 51.59	Project Manager/Roadway Engineer
Markus Green	$ 58.10	Drainage Engineer
Raoul Johnson	$ 38.86	Structural Engineer
Bob Jones	$ 49.62	Professional Land Surveyor
Josh Thomas	$ 39.93	Roadway Designer
Don Gray	$ 38.08	Traffic Designer
Jay Walton	$ 46.07	Structural Designer
Bruce Hamel	$ 66.11	Utility Coordinator
Jim Gibson	$ 46.35	CADD Coordinator
Peter Ramus	$ 27.49	CADD Technician

Environmental Individual	Direct Rate	Labor Category
Davis Pearson	$ 64.56	Environmental Principal
Lisa Gates	$ 30.04	Hazardous Materials/Planning
Brian Wallace	$ 28.88	Archeologist
Noah Herlocker	$ 38.48	Wetland Ecologist
Lynell Sutter	$ 34.00	Environmental Planner
Erin Soura	$ 19.92	GIS Specialist
Darci Sloat	$ 28.16	Administration

CONSULTANT NAME: KELLER ASSOCIATES, INC.
PROJECT NAME: Grandview Dr., Skyline Dr. to Saturn Ave.
PROJECT NO. A013(132)

A. SUMMARY ESTIMATED LABOR-DAY COSTS

		Man-Hours		Hrly Rate		Raw Labor Cost
1	PRINCIPAL	0.0	@		= $	-
2	PROJECT MANAGER	20.0	@	$46.15	= $	923.00
3	SURVEY MANAGER	5.5	@	$39.14	= $	215.27
4	PROFESSIONAL LAND SURV.	18.0	@	$31.00	= $	558.00
5	SURVEY TECH	0.0	@	$25.00	$	-
6	TWO MAN SURVEY	2.0	@	$45.00	= $	90.00
7	CAD TECHNICIAN	5.0	@	$26.00	= $	130.00
8	CLERICAL/ADMIN	9.0	@	$21.65	$	194.85
	TOTAL RAW LABOR COST				= $	**2,111.12**

B. PAYROLL, FRINGE BENEFIT COSTS & OVERHEAD

Total Raw Labor Cost		Approved Rate		
$2,111.12	X	**161.42%**	=	**$3,407.77**

C. NET FEE

Total Raw Labor & Overhead		NET FEE		
$5,518.89	X	**12%**	=	**$662.27**

Keller Associates Sub-Total = **$6,181.16**

D. OUT-OF-POCKET EXPENSE SUMMARY

		Estimated Amount		Unit Cost		Estimated Expense
1	MILEAGE (miles)		@ $	0.565	= $	-
2	AIR TRAVEL		@		= $	-
3	LODGING (Days)*		@ $	154.00	= $	-
4	MEALS (ME&I Days)*		@ $	46.00	= $	-
5	CAR RENTAL		@		= $	-
6	EXTERNAL PRINTING		@ $	1.00	= $	-
7	SURVEY TRAFFIC CONTROL		@ $	1.00	= $	-
	TOTAL ESTIMATED EXPENSE				= $	-

TOTAL = $6,181.16

* As per the "FEDERAL PER DIEM RATES FOR IDAHO"

	CONSULTANT NAME: KELLER ASSOCIATES, INC.									
	PROJECT NAME: Grandview Dr., Skyline Dr. to Saturn Ave.									
	PROJECT NO. A013(132)									
			PROJECT	SURVEY	CAD	SURVEY	SURVEY	TWO-MAN	CLERICAL	TOTAL
	Work Task	PRINCIPAL	MANAGER	PLS	Tech.	MANAGER	TECH	SURVEY		
1.0	**PROJECT ADMINISTRATION**									
1.2	Monthy Progress Meetings (9 mos.)		9.0							9.0
1.4	Progress Report and Invoicing (9 mos.)		9.0						9.0	18.0
	Subtotal	**0.0**	**18.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**9.0**	**27.0**
2.0	**LOCATION SURVEY & MAPPING**									
2.9	**ADDITIONAL SERVICES**									
2.9.1	Survey of DEQ Building site and drainage pond									0.0
2.9.2	Additional two slope easements		0.5	3.0	1.5	1.5				6.5
2.9.3	Update ROW with new slopes		0.5	3.0	1.5	1.5				6.5
2.9.4	Prepare survey maps and CP&F			2.0		0.5				2.5
2.9.5	Prepare new permanent easement for Idaho Power			6.0		1.0				7.0
2.9.6	Additional survey, ROW and easements for Nemechek Driveway		1.0	4.0	2.0	1.0		2.0		10.0
2.9.7	Additional project management (shown above in Tasks 1.2 and 1.4)									0.0
	Subtotal	**0.0**	**2.0**	**18.0**	**5.0**	**5.5**	**0.0**	**2.0**	**0.0**	**32.5**
	TOTAL	**0.0**	**20.0**	**18.0**	**5.0**	**5.5**	**0.0**	**2.0**	**9.0**	**59.5**

Grandview Supplemental

Cost Summary

File No. 13B-G2440.1 August 5, 2014 Transmittal 1

A. DIRECT LABOR

	Hours		Rate		Labor Cost
1 Principal	0	@	$48.59	=	$0.00
2 Project Manager	3	@	$48.59	=	$145.77
3 Professional Engineer	7	@	$48.59	=	$340.13
4 Professional Geologist	0	@	$0.00	=	$0.00
5 Engineering Staff	15	@	$31.00	=	$465.00
6 Geological Intern	0	@	$0.00	=	$0.00
7 CADD	0	@	$0.00	=	$0.00
8 Technician	1	@	$23.21	=	$23.21
9 Admin/Clerical	3	@	$25.75	=	$77.25
	29				
			TOTAL DIRECT LABOR	=	**$1,051.36**

B. OVERHEAD COST

Total Direct Labor Cost		Overhead Multiple		
$1,051.36	X	172.55%	=	**$1,814.12**

C. NET FEE

Total Raw Labor & Overhead		Net Fee		
$2,865.48	X	12.0%	=	**$343.86**

D. DIRECT EXPENSE SUMMARY

Escalation:

Anticipated Agreement date: August 15, 2014
Project Duration: 1 (months)
Escalation Period: 0 (months)

Total Labor & Overhead		Period (years)		Annual Escalation		
$2,865.48	X	0.00	X	3.0%	=	**$0.00**

Facilities Capital Cost of Money (FCCM):	0.29%	X	$1,051.36	=	**$3.05**
Field Directs:					**$2,815.00**
Lab Directs:					**$948.00**

NOT-TO-EXCEED AMOUNT	=	**$6,975.39**
ADDITIONAL SERVICES	=	**$0.00**
AGREEMENT AMOUNT	=	**$6,975.39**
AMOUNT FOR PSA NO. 1	=	
PRE-NOTICE TO PROCEED	=	

Grandview Supplemental

Staffing Plan and Labor Rates

August 5, 2014 Transmittal 1

Name	Cert. Direct Rate	Principal		Project Manager		Professional Engineer		Professional Geologist		Engineering Staff		Geological Intern		CADD		Technician		Clerical / Admin	
		Cat. Time	*Adj. Rate*	*Cat. Time*	*Adj. Rate*	*Cat. Time*	*Adj. Rate*	*Cat. Time*	*Adj. Rate*	*Cat. Time*	*Adj. Rate*	*Cat. Time*	*Adj. Rate*	*Cat. Time*	*Adj. Rate*	*Cat. Time*	*Adj. Rate*	*Cat. Time*	*Adj. Rate*
Rex W. Hansen, MS, PE Geotechnical Engineer	$48.59		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Stanley G. Crawforth, MS, PE Geotechnical Engineer	$48.59	100%	$48.59		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Charles Burgert, MS, PE Geotechnical Engineer	$48.59		$0.00	100%	$48.59	100%	$48.59		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
G. Alex Rush, MS, PE Geotechnical Engineer	$44.79		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Joan Burgert, MS, PE Hydrologist	$33.31		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Kirk Hansen, MS, PE Geotechnical Engineer.	$31.00		$0.00		$0.00		$0.00		$0.00	100%	$31.00		$0.00		$0.00		$0.00		$0.00
Justin Stoffel, BS, PE Geotechnical Engineer	$26.76		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Ryan Van Leuven, MS,EI Geotechnical Engineer	$26.24		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
J Aaron Jensen, MS, EI Geotechnical Engineer	$23.73		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Travis Thomsen, AS, WAQTC Engineering Technician	$23.21		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00	100%	$23.21		$0.00
Holly Lockett, WAQTC Technician	$16.32		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Danial Cornell, CPA Business Mananger	$25.75		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00	100%	$25.75
Starr, Thomsen, Administrative Assistant	$17.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Paul Clawges, WAQTC Engineering Technician	$17.51		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00
Jason Miller, Technician	$12.00																		
Hourly Rate			**$48.59**		**$48.59**		**$48.59**		**$0.00**		**$31.00**		**$0.00**		**$0.00**		**$23.21**		**$25.75**

Schedule of Certified Labor Rates for American Geotechnics

Name	Position	Hourly Wage Rate
Stanley Crawforth	Sr. Geotechnical Engineer, MS, PE	48.59
Rex Hansen	Sr. Geotechnical Engineer, MS, PE	48.59
Chuck Burgert	Sr. Geotechnical Engineer, MS, PE	48.59
G. Alex Rush	Sr. Geotechnical Engineer, MS, PE	44.79
Joan Burgert	Geotechnical Engineer and Hydraulics Engineer, MS, PE	33.31
Kirk Hansen	Geotechnical Engineer, MS, PE	31.00
Justin Stoffel	Geotechnical Engineering Intern, BS, PE	26.76
Ryan VanLeuven	Geotechnical Engineering Intern, MS	26.24
J. Aaron Jensen	Geotechnical Engineering Intern, MS	23.73
Travis Thomsen	Technician, AS, WAQTC	23.21
Paul Clawges	Technician, WAQTC	17.51
Holly Lockett	Technician, WAQTC	16.32
Jason Miller	Technician (Level 1), WAQTC	12.00
Danial Cornell	Business Manager, CPA	25.75
Wade Stoffel	Technicsion (Level 3)	17.00

Notes:
(1) Part-time On-Call

The undersigned hereby certifies the above labor rates are true and correct as of 7/14/2014.

Certifying Signature: Rex W. Hansen

Rex W. Hansen, Agent for American Geotechnics,Inc .

American Geotechnics

Grandview Supplemental

Work Break-Down and Labor Hours

File No. 13B-G2440.1 August 5, 2014 Transmittal 1

	Deliverable/Activity	Prin	PM	Prof Engr	Prof Geol	Engr Staff	Geol Intern	CADD	Tech	Clerical/ Admin	*Total*
1.0	ADMINISTRATION										
1.1	Project Initiation										
1.1.1	Prepare scope of services and solicit bids										
1.1.2	Negotiate and prepare prime agreement										
1.1.3	Project Startup									1	1.0
1.1.4	Kickoff meeting at >>										
1.1.5	Principal Review & Execute Agreement		1								1.0
1.2	Project Execution (assuming >> month level of effort)										
1.2.1	Project meetings via telconference (6)										
1.2.2	Project meetings at >> (6)										
1.2.3	Prepare correspondence and weekly reports										
1.2.4	Prepare invoices and monthly actvity reports (6)		1							1	2.0
1.2.5	Close Out Project		1							1	2.0
	Subtotal	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0
2.0	GEOTECHNICAL STUDY										
2.1	Reconnaissance and Advance Preparations										
2.1.1	Initial site visit										
2.1.>	Collect and review historical documents from >>										
	Review >>										
	Obtain traffic data										
	Review deflection readings and select locations for R-Value sampling										
	Conduct a pavement distress survey										
	Photograph and evaluate the condition of >> existing pipes										
	Prepare boring, field testing, and sampling instructions for field personnel			1.0							1.0
	Prepare 404 permit application and coordinate approval										
	Prepare Subcontractor SOWs, Agreements, and collect insurance certifications										

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	Subcontractor coordination										
	Property access coordination and meetings										
	Traffic control coordination										
	Preparations to mobilize for Field Exploration					1.0					1.0
	Field locate test holes, incl travel					1.0					1.0
	Utility locate coordination and field meeting, incl travel					1.0					1.0
	Job hazards review meeting										
	Geological surveying and prepare map										
	Subtotal	0.0	0.0	1.0	0.0	3.0	0.0	0.0	0.0	0.0	4.0
2.2	Subsurface Explorations										
2.2.1	***First Mobilization - Roadway Investigation***										
2.2.1.1											
2.2.1.>	Drill 3 borings to 18' bgs					8					8.0
2.2.2	***Second Mobilzation - Bridge Investigation***										
2.2.2.1	Drill >> borings to 75' bgs at bridge abutments using HSA methods; perform SPT soundings; prepare field logs; package samples for tranport										
2.2.2.>	Drill >> borings to 75' bgs at bridge pier locations using casing advance methods										
	Locate bridge girders on bridge deck, core >> holes through the bridge deck and repair the deck w epoxy concrete after drilling is completed.										
	Dispose of drilling sediments										
	Scan line survey existing riprap sizes										
	Obtain >> river bed samples for scour analysis gradations										

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	Travel time (>> trips)										
	Subtotal	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0
2.3	Laboratory Testing										
2.3.1	Sample unloading and logging, and storage										
2.3.>	Prepare testing instructions										
	Review test reports			1							1.0
	Deliver samples to HQ Materials (Boise)										
	Subtotal	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
2.4	Data Development and Analyses										
2.4.1	Roadway										
2.4.1.1	Reduce traffic data and subgrade resistance test data for design										
2.4.1.>	Reduce FWD data										
	Prepare report-ready logs			1		3					4.0
	Prepare soils profile drawings										
	Define areas requiring subgrading, special drainage, embankments, grade pointing, and roadside walls										
	Define site frost penetration criteria										
	Discuss earthwork approach with roadway designer and define shrink/swell values										
	Establish pipe design criteria										
	Prepare Soil Report Summary										
	Check filter criteria between subgrade and subbase materials for subgrade separation geotextile										
	Design Flexible Pavement Reconstruction for 20 yrs and 36 yrs										
	Design Widen and Overlay Exisiting Pavement for 20 yrs										
	Design Inlay/Overlay eExisting Pavement for 20 yrs										
	Design In-Place Recycle Exising Pavement for 20 yrs										
	Design CRABS Reconstruction for 20 yrs										

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	Deliverable/Activity	Prin	PM	Prof Engr	Prof Geol	Engr Staff	Geol Intern	CADD	Tech	Clerical/ Admin	*Total*
	Design Temporary Pavements										
	Design Rigid pavement per AASHTO 1993 for 40 yrs										
	Perform a DRIP analysis										
	Evaluate Rigid Pavement per MEPDG for 40 yrs										
	Prepare typical pavement sections (figures)										
	Prepare Life Cycle Cost Analysis										
	Prepare Slope Design Summary										
	Evaluate staged embankment constuction, settlement, and lateral spreading										
	Preform slope stability evaluations										
	Determine depths for subgrading, topsoil stripping										
	Provide design infiltration rate for subsurface disposal of storm water			1							1.0
	Special construction considerations										
2.4.2	Bridge										
2.4.2.1	Reduce laboratory data for settlement and capacity										
2.4.2.>	Prepare report-ready logs										
	Prepare a foundation plat										
	Prepare a subsurface profile										
	Estimate settlement for shallow footings										
	Evaluate nominal and service capacities and prepare										
	Estimate settlement for driven piles										
	Evaluate axial capacities for two pile types or sizes and										
	Evaluate lateral capacity and prepare families of curves for										
	Develop seismic design parameters and address seismic										
	Estimate approach embankment settlements										
	Evaluate approach embankment slope stability										
	Evalaute two temporary shoring needs and options and										
	Evaluate drainage										
	Recommend lateral earth pressure design parameters for										
	Estimate water quantity for dust abatement										

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	Deliverable/Activity	Prin	PM	Prof Engr	Prof Geol	Engr Staff	Geol Intern	CADD	Tech	Clerical/ Admin	*Total*
	Construction considerations										
	Anchor design										
	Subtotal	0.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0	5.0
2.5	Reporting										
2.5.1	*Phase I - Materials Report and Geologic Reconnaissance*										
2.5.1.1	CADD										
2.5.1.>	Analyses										
	Write-up										
	Project Mgr Review & Checking										
	AGEO QA Review										
	Prepare PDF & Submit Draft Ph 1 to Client for Review										
	Review and Incorporate Client Comment in Ph 1 Report										
	Prepare PDF & Submit to ITD for Review										
	Review and Incorporate ITD Comment in Ph 1 Report										
	Prepare Final PDF & Submit to ITD for Approval										
	Address comments and issue final report										
2.5.2	Abbrv. Phase II - Addendum Letter										
	CADD								1		1.0
	Write-up			2							2.0
	Project Mgr Review & Checking										
	AGEO QA Review										
	Prepare PDF & Submit Draft Ph II to Client for Review										
	Review and Incorporate Client Comment in Ph II Report										
	Prepare PDF & Submit for Review					1					1.0
	Review and Incorporate ITD Comment in Ph II Report										
	Prepare Final PDF & Submit for Approval			1							1.0
2.5.3	Phase III - Pavement Design										
	CADD										

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Deliverable/Activity	Prin	PM	Prof Engr	Prof Geol	Engr Staff	Geol Intern	CADD	Tech	Clerical/ Admin	*Total*
Project Mgr Review & Checking										
AGEO QA Review										
Prepare PDF & Submit Draft Ph III to Client for Review										
Review and Incorporate Client Comments in Ph III Report										
Prepare PDF & Submit Ph III to ITD for Review										
Review and Incorporate ITD Comments in Ph III Report										
Prepare Final PH III PDF & Submit to ITD for Approval										
2.5.4 Phase IV - Foundation Investigation										
CADD										
Coordinate Mylar preparation of FIP										
Write-up										
Project Mgr Review & Checking										
AGEO QA Review										
Prepare PDF & Submit Draft Ph IV to Client for Review										
Review and Incorporate Client Comments in Ph IV Report										
Prepare PDF & Submit Ph IV to ITD for Review										
Review and Incorporate ITD Comments in Ph IV Report										
Prepare Final PH IV PDF & Submit to ITD for Approval										
2.5.5 Phase V - Special Provisions										
Research										
Write-up										
Project Mgr Review & Checking										
AGEO QA Review										
Prepare PDF & Submit Draft Ph V to Client for Review										
Review and Incorporate Client Comments in Ph V Report										
Prepare PDF & Submit Ph V to ITD for Review										
Review and Incorporate ITD Comments in Ph V Report										
Prepare Final PH V PDF & Submit to ITD for Approval										
Subtotal	0.0	0.0	3.0	0.0	1.0	0.0	0.0	1.0	0.0	5.0

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Work Break-Down and Labor Hours

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	Deliverable/Activity	Prin	PM	Prof Engr	Prof Geol	Engr Staff	Geol Intern	CADD	Tech	Clerical/ Admin	*Total*
3.0	PRE-CONSTRUCTION SUPPORT										
	Review PS&E documents										
	Resolve inquiries related to bid documents										
	Subtotal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	SUPPORT DURING CONTRUCTION										
	Not Applicable										
	Subtotal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL	**0.0**	**3.0**	**7.0**	**0.0**	**15.0**	**0.0**	**0.0**	**1.0**	**3.0**	**29.0**

5.0	ADDITIONAL SERVICES DURING ENGINEERING										
	Not Applicable										
	Subtotal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOTAL	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

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2014 Testing Schedule

File No. 13B-G2440.1 August 5, 2014 Transmittal 1

Billing Code	Method	Item	Quantity	Unit	Cost	Extended Cost
		SOIL CLASSIFICATION AND INDEX TESTS				
		Laboratory Classification				
L90	ASTM D2488	Baggie - ASTM Visual-Manual Classification		EA		
L91	ASTM D2488	Tube - ASTM Visual-Manual Classification		EA		
L93	ASTM D2488	50# sack - ASTM Visual-Manual Classification		EA		
L100	ASTM D2216	Water Content	8	EA	15.00	120.00
L105	ASTM D2937	Water Content/Dry Unit Weight of ring sample		EA		
L106	ASTM D2937	Water Content/Dry Unit Weight of shelby tube sample (incl. tube cutting)		EA		
L110	ASTM D2974	Organic Content		EA		
		Atterberg Limits/Plasticity				
L120	ASTM D4318	3 pt LL, 1 pt PL	4	EA	90.00	360.00
L125	ASTM D4318	Non-Plastic Classification		EA		
L130	ASTM D4943	Shinkage Limits (includes Atterberg and SG)		EA		
L135	ASTM D854	Specific Gravity of Soil		EA		
		Particle-Size Analysis				
L140	ASTM D1140	No. 200 Wash		EA		
L145	ASTM C136	Full (Coarse & Fine) Gradation with Wash	2	EA	95.00	190.00
L146	ASTM C136	Coarse Gradation with Wash		EA		
L150	ASTM C136	Fine Gradation with Wash	4	EA	55.00	220.00
L151	ASTM C136	ASTM Gradation with Wash (uses only sieves required for ASTM Classification)		EA		
L155	ASTM D422	Hydrometer to 0.002 micron		EA		
L156	ASTM D423	Hydrometer to 0.02 micron (7 minute)		EA		
L160	ASTM D2419	Sand Equivalent		EA		
L165	ASTM D 4647	Pinhole Dispersion for dispersive soils		EA		
		MOISTURE-DENSITY RELATIONS				
L280	ASTM D698	Standard Proctor Curve		EA		
L285	ASTM D1557	Modified Proctor Curve		EA		
L287	COE EM, App XII	Relative Density - Max & Min (0.5 cf mold)		EA		
L288	N.A.	Harvard Miniature Compaction		EA		
		SOIL STRENGTH AND DEFORMATION				
		Vain Shear				
L170	ASTM D 4648	Laboratory Vane Shear		EA		
L175	N.A.	Torvane		EA		
L176	N.A.	Pocket Penetrometer		EA		
L180	N.A.	REMAC - Unconfined Compression of Soil (Undisturbed)		EA		
L181	ASTM D 2166, D2938	Unconfined Compression of Soil (undisturbed)		EA		
L182	ASTM D 2166, D2938	Unconfined Compression of Soil (remolded)		EA		

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Billing Code	Method	Item	Quantity	Unit	Cost	Extended Cost
		Direct Shear				
L183	ASTM D3080	Consolidated-Drained (Remolded) (per point)		EA		
L184	ASTM D3080	Consolidated-Drained (Undistrubed) (per point)		EA		
L185	ASTM D3080	Consolidated-Drained (Undistrubed) (3-points)		EA		
L186	ASTM D3080	Consolidated-Drained (Remolded) (3-points)		EA		
L187	ASTM D3080	Rsdidual Strength Determination - ADD		EA		
		Triaxial Compression				
L195	ASTM D 2850	Unconsolidated Undrained (1 point single specimen)		EA		
L196	ASTM D 2850	Unconsolidated Undrained (3-point envelope using 3 soil specimens)		EA		
L197	ASTM D 2850 (guide)	Unconsolidated Undrained (3-point envelope using multi-stage techniques)		EA		
L200	ASTM D 4767	Consolidated Undrained (1 point single specimen)		EA		
L201	ASTM D 4767	Consolidated Undrained (3-point envelope using 3 soil specimens)		EA		
L202	ASTM D 4767	stage techniques)		EA		
L210	ASTM D 4767	Consolidated Drained (1 point single specimen)		EA		
L211	ASTM D 4767	Consolidated Drained (3-point envelope using 3 soil specimens)		EA		
L215	ASTM D 4768	Consolidated Drained (3-point envelope using multi-stage techniques)		EA		
L218	COE EM App XA	Cyclic (1 specimen)		EA		
		Bearing Ratio (CBR)				
L220	ASTM D 1883	Undisturbed (Per point)		EA		
L225	ASTM D 1883	Remolded (per point)		EA		
L226	ASTM D 1883	Remolded, per point/ Including Proctor		EA		
L230	ASTM D2844; Idaho T-8	R-Value		EA		
L235	Idaho T-74	Spring Loaded Compactor Method		EA		
		VOLUME CHANGE				
L241	ASTM D2435	1-D Consolidation **with time rates**; up to 10 load and 4 unload increments		EA		
L245	ASTM D2435	Supplemental Unload-Reload Cycles		EA		
L255	ASTM D2435	Unrestrained Swell		EA		
L260	ASTM D2435	Load to Prevent Swell		EA		
L265	ASTM D5333	Collapse Potential		EA		
		HYDRAULIC CONDUCTIVITY / PERMEABILITY				
L270	ASTM D 5084	Flexwall Permeability, Undisturbed		EA		
L275	ASTM D 5084	Flexwall Permeability, Remolded		EA		
L271	ASTM D 5084	Flexwall Permeability, Additional Point		EA		

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Billing Code	Method	Item	Quantity	Unit	Cost	Extended Cost
L277	ASTM D 2434	Permeability of granular soils using 4" Constant Head Permeameter		EA		
L278	ASTM D 2434	Permeability of granular soils using 10" Constant Head Permeameter		EA		
		CORROSION				
L290	ASTM G57	Resistivity		EA		
L295	EPA 300.0	Chlorides (soil elutriate)		EA		
L300	EPA 300.0	Sulfates (soil elutriate)		EA		
L301	ASTM G57	pH		EA		
L302	EPA 209-B	Total Dissolved Solids		EA		
L303		Thermal Resisitivity		EA		
		ASPHALT CONCRETE TESTS				
L306	AASHTO T-166	Unit Weight of Core		EA		
L308		Asphalt Content and Aggregate Gradation - NCAT		EA		
L310		Compressive Strength of Concrete (2" diameter x 4" Height molds)		EA		
		AGGREGATE TESTING				
L310	WAQTC TM-1	Single Fracture Face		EA		
L312		Mcleod Mix Design		EA		
L314	TM-225	Wood Particles		EA		
L315	ASTM C40	Injurious Organic Matter		EA		
L319	ASTM C231	Aggregate Correction		EA		
L320	ASTM C127	Absorption and Specific Gravity, Gravel		EA		
L325	ASTM C128	Absorption and Specific Gravity, Sand		EA		
L330	ASTM C29	Unit Weight		EA		
L335	ASTM C131	LA Rattler (500 Rev)		EA		
L340	ASTM C535	LA Rattler (1000 Rev)		EA		
L345	ASTM C88	Sodium Sulfate Soundness		EA		
L350	Idaho T-13	Mortar Making Properties of Sand		EA		
L355	ITD T-72	Cleanliness Test (referee)		EA		
L360	CE-119, CE-120	Flat and Elongated Particles		EA		
L365	ASTM C142	Clay Lumps and Friable Particles		EA		
L370	ASTM C123	Lightweight Pieces in Aggregate		EA		
L375	ITD T-71	Fractured Faces		EA		
L380	ITD T-15	Degradation		EA		
L381	ITD T116	Disintegration of Quarry Aggregates		EA		
L382	AASHTO T-182	Coating and Stripping Evaluation		EA		
L383	AASHTO T-303	Alkali - Silica Reaction (incl. crushing)		EA		
L384	AASHTO T-210	Durability Index of Coarse Aggregates		EA		
L392	AASHTO T-303	Alkali - Silica Reaction Additional Bar Set		EA		
		ROCK TESTING				
L600	ASTM D 2938	Compression Strength of Intact Core Specimens including core cutting		EA		
L610		Cutting core				
		Petrography				
L695		Full		EA		
L696		Brief		EA		

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Billing Code	Method	Item	Quantity	Unit	Cost	Extended Cost
		GEOSYNTHETIC TESTS				
L700	ASTM D638	Shear and Peal HDPE liner (set of 3+3)		EA		
		OTHER TESTS				
L305	ASTM D1633	Soil Cement Study		EA		
		OTHER SERVICES				
L385		Special Handling		EA		
L386		Trimming		EA		
L387		Remolding		EA		
L388		Tube Cutting		EA		
L389		Core Photo		EA		
L390		Sample Management	1	EA	50.00	50.00
L395		General Laboratory Labor		HR		
L396		WAQTC Technician		HR		
L397		Engineer		HR		
L398		Lab Crushing		EA		
L900		Soil Sample Storage (per 5 gal. bucket or Bulk Sample		EA		
L901		Soil sample Login/Handling (per sample entering lab)	8	EA	1.00	8.00
		Sample Disposal in Hidden Hollow Landfill		EA		

SUBTOTAL Tests **$948.00**

FY13

RUSH Fee (Expedited Schedule) **$0.00**

TOTAL Laboratory Estimate **$948.00**

Pricing Updates: Laboratory pricing is updated annually, as appropriately determined by American Geotechnics. Laboratory tests will be billed at current standard rates, which may be different than the unit prices listed herein.

Delivery: Pricing assumes delivery by client, unless other arrangments are made.

Sample Storage Policy: Samples will be stored for 60 days after testing and then disposed of by American Geotechnics, unless other arrangments are made.

File No. 13B-G244(

American Geotechnics - Drilling & Field Testing Estimate

August 5, 2014 Transmittal 1

Billing Code	Description	Quantity	Unit	Unit Cost (FY 2014)	Extended Cost
Support Vehicle					
F100	Company Vehicle - Gov't (miles)	610	Miles	0.560	$341.60
F101	Company Vehicle - Commercial (miles)		Miles		
				Subtotal	$341.60
Field Testing					
F201	Laser Level, Tripod & Measurement Rod		Day		
F202	One-Man Zip Level		Day		
F203	Survey Level, Tripod & Measurement Rod		Day		
F204	Field Sample Table		Day		
F220	Dynamic Cone Penetrometer (DCP)-COE		Test		
F221	Dynamic Cone Penetrometer (DCP)-Triggs		Test		
F222	Triggs DCP Stork Lifter w/motor		Day		
F224	Static Cone Penetrometer (SCP)		Day		
F225	Dynamic Cone Penetrometer (DCP)-Durham		Test		
F229	Boutwell w/supplies		Test		
F230	Guelph Permeameter		Test		
F231	3-inch Drive Sampler including Shelby Tube/Rings		EA		
F232	Shelby Tube Transporation Crate		Week		
F233	Shelby Tube Wax Seal Kit		Week		
F234	Water Level Meter		Day		
F236	Ring Sample Transportation Crate		Week		
F240	Field Vane Shear Kit		Day		
F250	Nilsson Soil Resistivity Meter w/cables		Day		
F254	Hand Auger (day)		Day		
F260	Digital Camera (day) (non-ITD projects)		Day		
				Subtotal	$0.00
Non-Destructive Testing					
F300	GPR Mobilization (Lump Sum Fee)		LS		
F302	GPR Mobilization (Per Mile)		Mile		
F310	GPR Testing - Roadway Data Collection		Lane Mile		
F311	GPR Testing - Roadway Data Processing		Lane Mile		
F312	GPR Testingr - Roadway Data Collection / Processing		Lane Mile		
F320	GPR Testing - Buried Utilities / Tanks - Data Collection and Location Marking		Hour		
F330	GPR Testing - Bridge Deck Data Collection		SF		
F332	GPR Testing - Bridge Deck Data Processing		SF		
F334	GPR Testing - Bridge Deck Data Collection / Processing		SF		
F340	GPR Testing - Irregular Concrete Data Collection / Processing		Hour		
F350	Vibration Monitoring Equipment		Day		
F352	Vibration Monitoring Data Reduction and Reporting		Report		
				Subtotal	$0.00
Drilling and Sampling					
F500	Drill Rig Mobilization (Lump Sum Fee)		LS		
F502	Drill Rig Mobilization (Per Mile - includes driller's travel time)	610	Mile	1.68	$1,024.80
F503	Nighttime Mobilization Fee (Lump Sum Fee)		LS		
F505	Holiday Duty Surcharge (Lump Sum Fee)		LS		
F507	Hazardous Duty project surcharge (Lump Sum Fee)		LS		
F510	Stand-by		HR		
F511	Crash Vehicle with Hazard Lights		HR		
F512	Utility Trailer		Day		
F513	BMP Trailer w/BMPs		Day		
F514	Plastic buckets with lids		EA		
F516	One man crew - Hotel	1	Day	83.00	$83.00
F518	One man crew - Per Diem	2	Day	46.00	$92.00
F519	Additional Laborer		hr		
F539	Auger Drilling and Sampling (hourly)		hr		

F540	Auger Drilling and Sampling (footage)	54	FT	21.00	$1,134.00
F541	Difficult Drilling Surcharge		FT (CA)		
F543	Hand Auger Drilling (10' bgs max.)		FT		
F545	Shelby Tubes w/caps		EA		
F547	Ring Tubes w/caps		EA		
F550	Replacement Auger Cutter Head		EA		
F551	Replacement Carbide Teeth	4	EA	35.00	$140.00
F552	Replacement Center Carbide Bit		EA		
F553	4' AWJ Rod		EA		
F555	2" x 24" Lynac Heavy Duty Split Tube		EA		
F556	2" Sampler Shoe		EA		
F560	Concrete Coring (8-inch Dia)		Inch		
F562	Concrete Coring (10-inch Dia)		Inch		
F564	Asphalt Coring (4-inch Dia)		Inch		
F565	Asphalt Coring (10-inch Dia)		Inch		
F566	10" Steel Bridge Deck Coring Plug		EA		
F570	Rock Sounding (ft)		FT		
F580	Bentonite Chips		EA		
F581	60 lb Sand/Gravel Fill		EA		
F582	60 lb No. 20 Silica Sand		EA		
F583	60 lb 1/2" Minus Gravel		EA		
F584	Asphalt Patch		EA		
F585	Ready Mix Concrete		EA		
F586	Rapid Set Concrete Patch		EA		
F588	Epoxy Concrete		EA		
F591	2" Monitor Well Installation (to 20' bgs)		EA		
F594	2" Locking Cap		EA		
F595	Flush Mount Vault - Plastic		EA		
F596	Flush Mount Vaults - Steel		EA		
F598	Drill water antifreeze		Gal		
F599	55-Gallon Drum		EA		
				Subtotal	$2,473.80

Equipment Rental

F610	Traffic Control - Port. Sign		Day		
F612	Traffic Control - Delineator		Day		
F614	Traffic Control - LED Flashers w/Battery		Day		
F800	Heavy Duty 1/2" Drill		Day		
F801	3/8" Drill		Day		
F802	1/2" Hammer Drill		Day		
F803	Heavy Duty Rotary Hammer Drill		Day		
F804	Sawzall		Day		
F805	Concrete Nailer w/Supplies		Day		
F807	Stihl Chainsaw w/Supplies		Day		
F808	Propane Weed Burner w/ Propane		Day		
F809	25 Gallon Air Compressor		Day		
F811	Hand-held GPS		Day		
F812	8450 Watt Generator		Day		
F813	3000 Watt Generator		Day		
F814	Lincoln Arc Welder		Day		
F815	50 Gallon Water Tank		Day		
F816	Flood Lights		Day		
F817	Propane Heater w/Propane		Day		
F818	Radios		Day		
F819	Wet/Dry Vacuum		Day		
F821	Electric Core Drill		Day		
F822	AC Water Pump		Day		
F830	Canopy		Day		
				Subtotal	$0.00

TOTAL DRILLING & FIELD TESTING ESTIMATE $2,815.40

Note: Subcontractors may be changed for the convenience of American Geotechnics in executing the project objectives. Actual field expenses often differ from the estimated costs.

Pricing Updates: Pricing is updated annually, as appropriately determined by American Geotechnics. Services and supplies will be billed at current standard rates, which may be different than the unit prices listed.

Grandview Supplemental

File No. 13B-G2440

Field Directs

January 28, 2013 Transmittal 1

Description	Quantity	Unit	Unit Cost (FY 2013)	Extended Cost
Site Reconnaissance				
Lodging (Including taxes)		Nights		
Taxes on lodging (estimated at 9%)		Nights		
M&IE		Days		
Rental Car (Including insur & taxes)		Days		
Gasoline for Rental Car		Days		
Company Mileage		Miles		
Airfare		EA		
Airport Parking		Days		
			Subtotal	$0.00
Subsurface Explorations				
Lodging (Including taxes)		Nights		
Taxes on lodging (estimated at 9%)		Nights		
M&IE		Days		
Rental Car (Including insur & taxes)		Days		
Gasoline for Rental Car		Days		
Company Mileage		Miles		
Airfare		Days		
Airport Parking		EA		
Drilling & Field Testing by American Geotechnics (See estimate)		LS		
			Subtotal	$0.00
Subcontractor Services (See quotations)				
Drilling	1	LS	2,815.00	$2,815.00
Excavation		LS		
Traffic Control		LS		
Geophysics		LS		
Concrete Cutting		LS		
Snow/Debris Removal		LS		
			Subtotal	$2,815.00
			TOTAL FIELD DIRECTS	$2,815.00

Note: Subcontractors may be changed for the convenience of American Geotechnics in executing the project objectives. Actual field expenses often differ from the estimated costs.

Pricing Updates: Pricing is updated annually, as appropriately determined by American Geotechnics. Services and supplies will be billed at current standard rates, which may be different than the unit prices listed.

IDAHO FALLS REGIONAL AIRPORT
2140 N. Skyline Drive #12
Idaho Falls, ID 83402
Phone: (208) 612-8224
Fax: (208) 612-8517

MEMORANDUM

TO: Honorable Mayor and City Council

FROM: Craig H. Davis, Airport Director

DATE: October 23, 2014

SUBJECT: **Change Order No. 1**
Airport Apron, Taxilane and Access Road Project
FAA AIP Project No. 3-16-0018-039

Attached is change order No. 1 for the Apron, Taxilane and Access Road project. This change order is due to work items needed that was not addressed in the original contract and increases the project cost by $39,913.45 for a revised contract total of $1,809,201.45.

The FAA has reviewed and approved this change order as eligible for reimbursement at 93.75%.

The Airport Division respectfully requests City Council approval of said document.

Respectfully submitted,

Craig H. Davis
Airport Director

c: City Clerk

CONTRACT CHANGE ORDER
FOR FAA PROJECTS

NUMBER: 1
AIRPORT: Idaho Fall Regional Airport
LOCATION: Idaho Falls, Idaho
CONTRACTOR: HK Contractors
DATE: 2014-10-14
AIP PROJECT NO: 3-16-0018-039

You are requested to perform the following described work upon receipt of an approved copy of this document, or as directed by the Engineer.

Item No.	Description	CHANGE IN			
		Unit	Unit Price	Quantity	Amount
Delete A-30	Install Lighted Airfield Guidance Signs (L-858) Size 1, 4-Module, 3-Step, Single-Sided	EA	$6,000.00	(2)	($12,000.00)
Add A-30-A	Install New Lighted Airfield Guidance Signs (L-858) Size 1, 3-Step, 3 Module Sign on New Foundation	EA	$5,666.25	6	$33,997.50
Add A-30-B	Remove Existing Size 1, 3 Step, 4.5 Module Sign and Install New Lighted Airfield Guidance Signs (L-858) Size 1, 3 Step, 3 Module Sign on Existing Foundation	EA	$3,353.91	4	$13,411.64
Add A-21-B	Install Manhole (D-751) with Heavy-Duty Grate, Type B	EA	$4,504.31	1	$4,504.31
				This Change Order Total:	$39,913.45
				Previous Contract Total:	$1,769,288.00
				Revised Contract Total:	$1,809,201.45

The time provided for completion in the contract is (increased) by 5 calendar days. This document shall become an amendment to the Contract and all provisions of the Contract will apply. Changes are shown on attached Exhibit 1 dated 2014-08-12 and Exhibit 2 dated 2014-10-06 three copies attached.

Recommended by: _____ 10/14/14
T-O Engineers — DATE

Approved by: _____
Owner — DATE

Accepted by: _____ 10/14/14
Contractor — DATE

Approved by: _____
Federal Aviation Administration — DATE

NOTE: Change Orders and Supplemental Agreement require FAA approval prior to construction, otherwise no Federal participation can be granted. State Aeronautics concurrence is required when state participation is anticipated.

AIP PROJECT NO: 3-16-0018-039 CHANGE ORDER NO: 1
AIRPORT: Idaho Falls Regional Airport LOCATION: Idaho Falls, Idaho

JUSTIFICATION FOR CHANGE

1. Brief description of the proposed contract change(s) and location(s).
This change order includes additional guidance signs as recommended by the Air Traffic Control Tower (ATCT). This change order also includes an additional manhole to accommodate additional development area along the apron.

2. Reason(s) for the change(s).
Signs - This project includes the construction of an additional access taxilane to a new apron adjacent to Taxiway A. There are currently two taxilanes adjacent to Taxiway A to the north that provides access to a separate apron area. The purpose of the additional signs is to allow ATCT to direct aircraft to and from the proper apron area and eliminate pilot confusion when taxing.

Inlet – Prior to construction, additional apron area was added to the project in order to accommodate the demand for additional hangar space. A manhole was required instead of an inlet to accommodate the exit angle of the concrete pipe. This angle was required in order to place the storm drain on the proper alignment for future development.

3. Justifications for unit prices or total cost.
Unit prices were negotiated with contractor and reviewed for compliance with PGL 12-03.

4. The sponsor's share of this cost is available from:
Local Funds

5. If this is a supplemental agreement involving more than $2,000; is the cost estimate based on the latest wage rate decision?

Yes _____ No _____ Not Applicable X

6. Has consent of surety been obtained?

Yes _____ Not Necessary X

7. Will this change affect the insurance coverage?

Yes _____ No X

8. If yes, will the policies be extended?

Yes _____ No _____

9. Has this Change Order been discussed with FAA Officials?

Yes X No ___ When Multiple Times With Whom Steve Engebrecht

Comments _____

EXHIBIT 1

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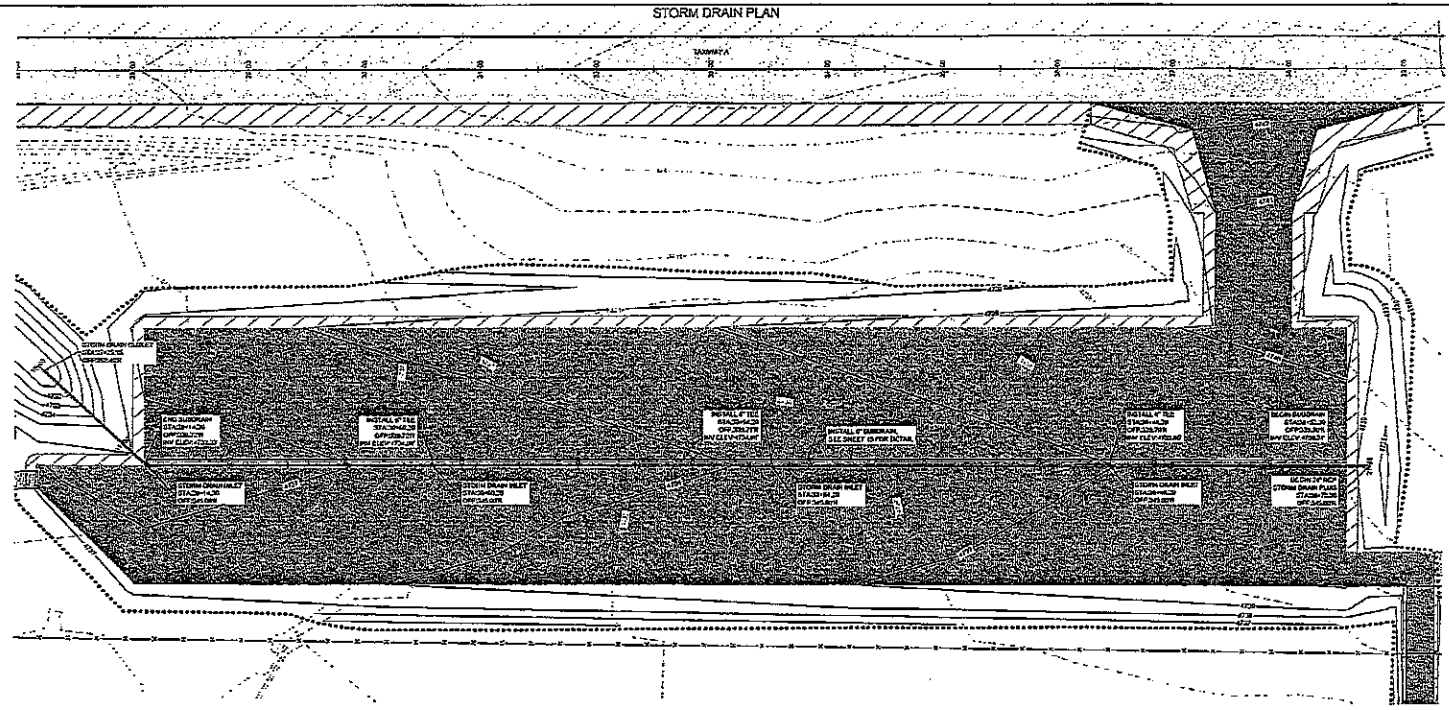
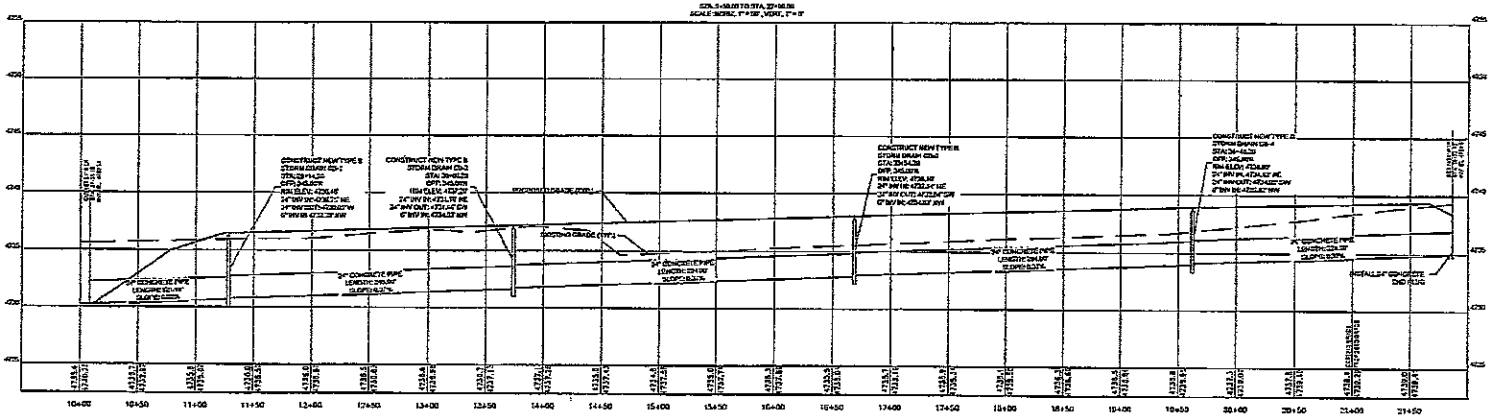
STORM DRAIN PLAN



STORM DRAIN PROFILE



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- UNPAVED SHOULDER
- PROPOSED CONTOURS
- EXISTING CONTOURS
- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN INLET
- PROPOSED SUBDRAIN
- EXISTING FENCE
- GRADING LIMITS

NOTES

1. ALL STATIONS AND OFFSETS REFER TO THE TAXIWAY A CENTERLINE UNLESS OTHERWISE NOTED.
2. PROFILE REFERENCES STATIONING OF STORM DRAIN ALIGNMENT.
3. EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL LOCATE ALL UTILITIES AND PROTECT THROUGHOUT CONSTRUCTION.
4. SEE SPEC SECTION 2702 FOR PIPE INSTALLATION.
5. SEE SHEETS 12 FOR MARKING PLAN.
6. SEE SHEETS 14 FOR CROSS SECTIONS.
7. SEE SHEET 15 FOR PAVEMENT DETAILS.

REVISIONS

NO	REV	DATE
1	CHANGED EXISTING MAJOR TOP OF PIPE SHALE	8-8-2014

DRAWN	MJF	
CHECKED		
APPROVED		

T-O ENGINEERS
CONSULTING ENGINEERS, SURVEYORS & PLANNERS
9777 CHINDEN BOULEVARD
BOISE, IDAHO 83714-5008
PHONE: (208) 321-2400
FAX: (208) 321-2499
OFFICES ALSO IN: CORUM, OLAKSEN, IDAHO NAMPA, IDAHO

CONSTRUCT APRON, TAXILANE AND ACCESS ROAD
IDAHO FALLS REGIONAL AIRPORT
STORM DRAIN PLAN AND PROFILE

DATE: JUNE 2014
PROJECT: 14012

SHEET 9 OF 21

EXHIBIT 2

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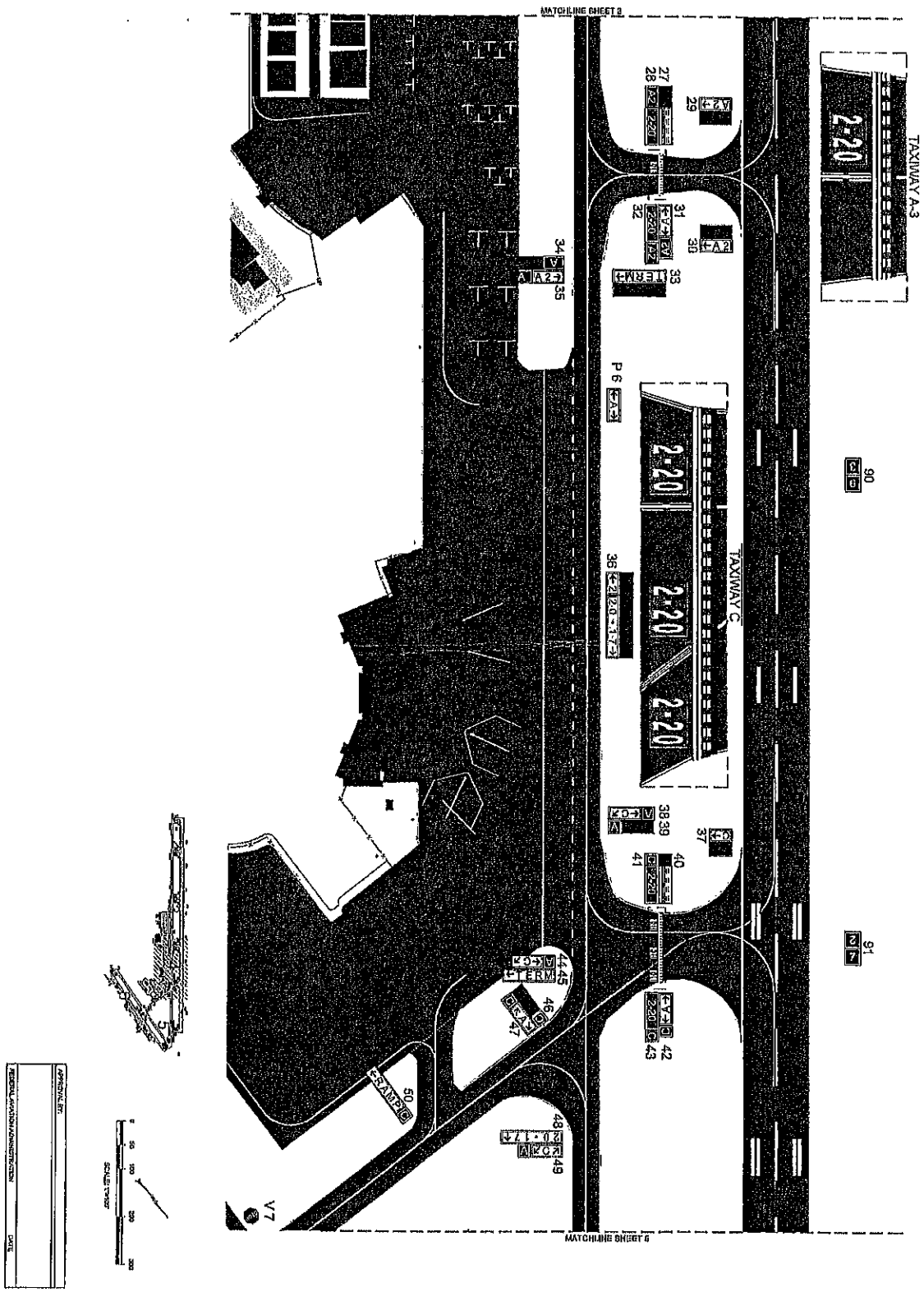

SHEET 4 OF 7	IDAHO FALLS REGIONAL AIRPORT	T-O ENGINEERS CONSULTING ENGINEERS, SURVEYORS & PLANNERS 9777 CHINDEN BOULEVARD BOISE, IDAHO 83714-2009 PHONE (208) 323-2300 FAX (208) 323-2399 GEORGETOWN, IDAHO CALDWELL, IDAHO COEUR d'ALENE, IDAHO	REVISIONS NO. / REV / DATE E-FILE NAME DESIGNED DRAWN CHECKED APPROVED
	CITY OF IDAHO FALLS, IDAHO		
	MARKING AND SIGN PLAN		

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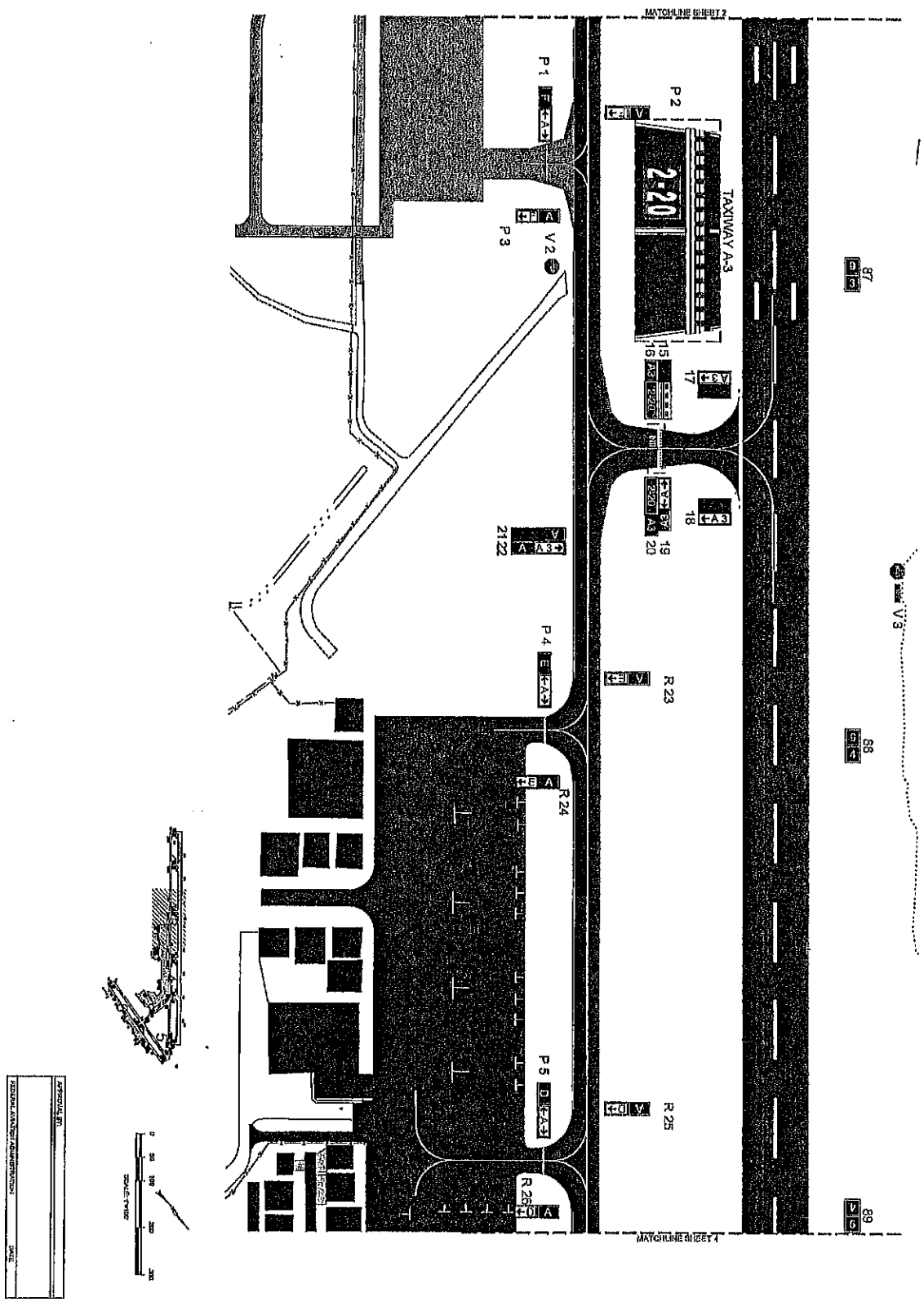

SHEET 3 OF 7	IDAHO FALLS REGIONAL AIRPORT	T-O ENGINEERS CONSULTING ENGINEERS, SURVEYORS & PLANNERS 9777 CHINDEN BOULEVARD BOISE, IDAHO 83714-2006 PHONE (208) 385-2300 OFFICE/BASED IN: CALDWELL, IDAHO FAX: (208) 385-2300 COEUR D'ALENE, IDAHO	REVISIONS NO. / ITEM / DATE E-FILE NAME DESIGNED DRAWN CHECKED APPROVED
	CITY OF IDAHO FALLS, IDAHO		
	MARKING AND SIGN PLAN		