CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS

CC: 9C
Amend No. _____

Date prepared: October 13, 2009 **Council Meeting Date: December 1, 2009**

TO: Carl Swenson, City Manager

THROUGH: Susan J. Daluddung, Deputy City Manager

FROM: Andrew Granger, P. E., Engineering Director

THROUGH: Dan Nissen, P. E., Assistant City Engineer

PREPARED BY: Daniel Kiel, Associate Engineer

SUBJECT: Butler Water Reclamation Facility Effluent Line Modifications, Pre-construction Phase (UT00299, Solicitation No. P08-0050B, ACON46008)

RECOMMENDATION:

Discussion and possible action to approve the following items:

(a) Award an individual Job Order Contract with Pierson Construction for a Guaranteed Maximum Price (GMP) of $173,696 for the pre-construction phase of Butler Water Reclamation Facility (WRF) Effluent Line Modifications.

(b) Authorize the use of reserves in the amount of $377,961 from the Water Utility Fund and $377,960 from the Wastewater Utility Fund, and authorize a budget transfer in the amount of $755,921 from the Water Utility Fund Contingency Account 2050-2140-570000 to the following accounts:

- Water Utility Fund Water System Account 2050-2050-543002-CIPWR-UT00299 ($377,961)
- Wastewater Utility Fund Wastewater System Account 2400-2550-543003-CIPWW-UT00299 ($377,960)

(c) Authorize a budget transfer in the amount of $741,243 from the Grant Fund Contingency Account 7990-7990-570000 to the following accounts:

- Challenge Grant Fund Water System Account 7860-7810-543002-CIPWR-UT00299 ($370,622)
- Challenge Grant Fund Wastewater System Account 7860-7810-543003-CIPWW-UT00299 ($370,621)

CITY CLERK USE ONLY:

☐ **Consent Agenda**
☐ **Carry Over to Date:**_____
☐ **Approved**
☐ **Unfinished Business (Date heard previous:_____)**
☐ **New Business**
☐ **Public Hearing: No Action Taken**

ORD. #_____ **RES. #**_____
A **LCON#** 46008P4 **LIC. #**_____
Action Date:

SUMMARY:

The Butler WRF Effluent Line Modifications project scope includes tying into the existing 30-inch effluent line that runs from the Butler WRF to the New River-Agua Fria Underground Storage Project (NAUSP) and constructing a new waterline that will take reclaimed water to the Roosevelt Irrigation District Groundwater Savings Facility. Operational constraints at the NAUSP currently limit the City's allowable recharge at the facility and the City is seeking an alternative means of discharging effluent that also allows for the retention of Long Term (water) Storage Credits (LTSC). Completing this project will enable the City to have such an alternative and retain LTSC critical for the City's future growth and long term drought protection.

City staff is negotiating an agreement with the Roosevelt Irrigation District to finalize this arrangement, and staff intends to present the agreement to City Council for approval in early 2010.

In addition, at the point of intersection a pressure sustaining valve will be installed to allow for a pressurized line upstream. This will enable the use of reclaimed water at local parks such as the City's new Community Park scheduled for construction within the next two years.

FUNDING:

This project is funded with American Recovery and Reinvestment Act (ARRA) federal funds, under the U.S. Department of Interior, Bureau of Reclamation Challenge Grant Program and matching City funding. The Grant Agreement was executed on September 30, 2009. The project funding is currently broken down as follows.

Grant Funds:	$741,243
City Funds:	$755,921
Total Cost:	**$1,497,164**

Project completion will be accomplished in two phases, pre-construction and construction. At this time staff would like to request approval of the pre-construction phase for the project. Staff will return to Mayor and Council in the future to request approval of the construction phase GMP proposal from Pierson Construction.

Task	Date
Design Phase	December 2009 – April 2010
Construction GMP to Council	April 2010
Construction Commencement	May 2010
Project Completion	September 2010

FISCAL NOTE:

Payment in the amount of $173,696 will be made to Pierson Construction from the Wastewater Utility Fund 2400-2550-543003-CIPWW-UT00299, Butler WRF Effluent Line Modifications.

As this is a new project, the recommended budget transfer includes funding for the entire project. This request addresses only the preconstruction phase.

ATTACHMENTS:

1. Vicinity Map
2. Exhibit

PLACEHOLDER

City of Peoria, Arizona
Individual Job Order Contract

Statement of Qualifications No: P08-0050(B)P2	Project Number: UT00299
Project Description: **Butler WRF 30" Effluent Line Design and Construction**	Project Name: **Butler WRF 30" Effluent Line Design and Construction**

Location: City of Peoria, Materials Management — Contact: Jennifer Miller, CPPB

Mailing Address: 8314 W. Cinnabar St., Peoria, AZ 85345 — Phone: (623) 773-7115

***Scope of work and contract amount as per the attached Proposal dated 10/12/09 (3 pages) and Schedule dated 10/1/09 (1 page).**

OFFER

Contractor's License Number: _____

Pierson Construction Corporation
Job Order Contractor Name

Authorized Signature for Offer

222 S 52nd Street
Address

Printed Name

Tempe, Arizona 85281
City State Zip Code

Title

480.966.4424
Telephone

Facsimile

ACCEPTANCE OF OFFER AND CONTRACT AWARD (For City of Peoria Use Only)

Your offer is hereby accepted. The Contractor is now bound to sell the construction services listed by the attached award notice based upon the solicitation, including all terms conditions, specifications, amendments, etc., of the contract and the Contractor's offer as accepted by the City. The Contractor is hereby cautioned not to commence any billable work or provide any material, service or construction under this contract until Contractor receives an executed Notice to Proceed and Purchase Order.

Attested by:

Mary Jo Kief, City Clerk

City of Peoria, Arizona.
Eff. Date: _____

J.P. de la Montaigne, Community Services Director

Approved as to form:

Stephen M. Kemp, City Attorney

Awarded on _____, _____.

Carl Swenson, City Manager

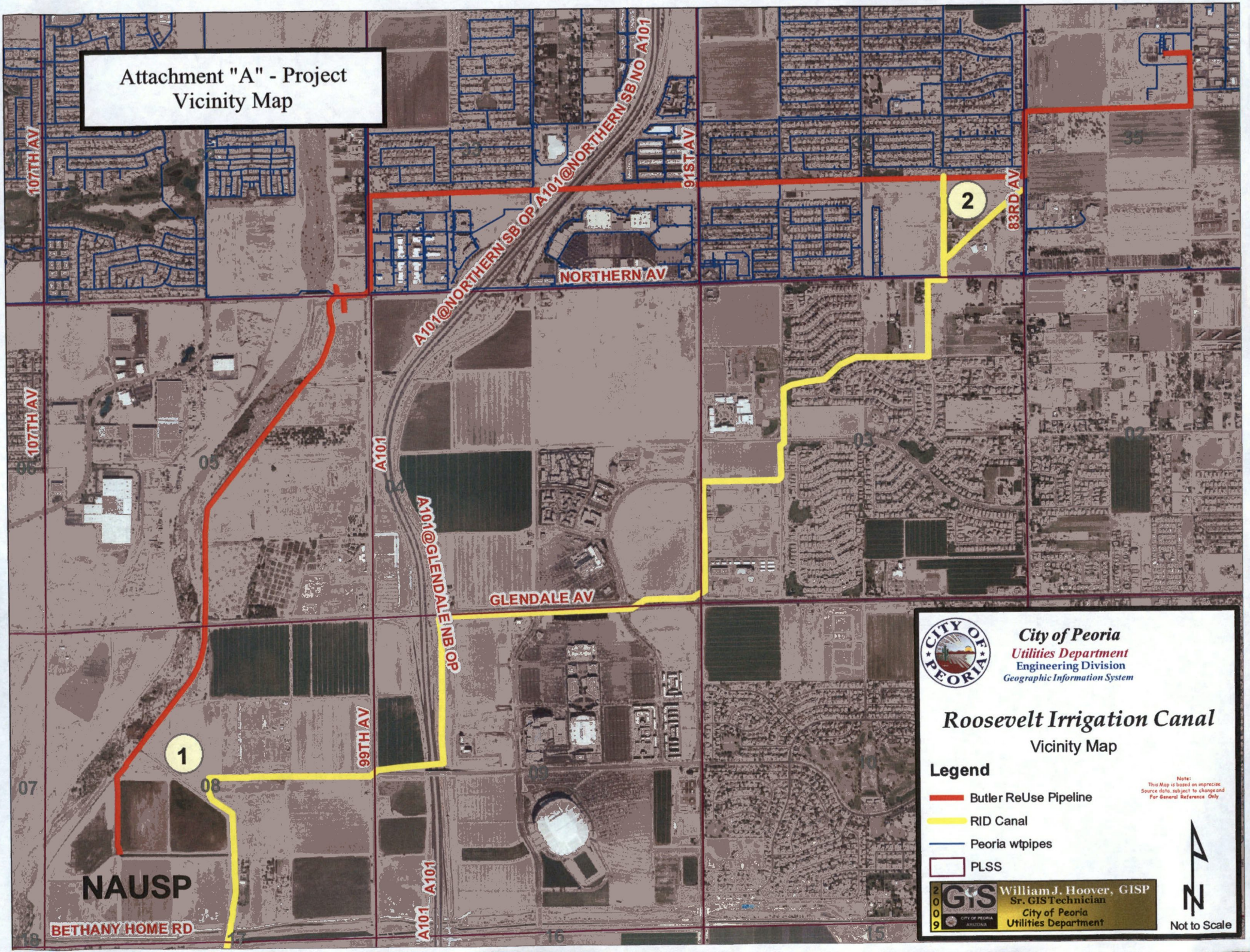
QC-12/1/09
CC

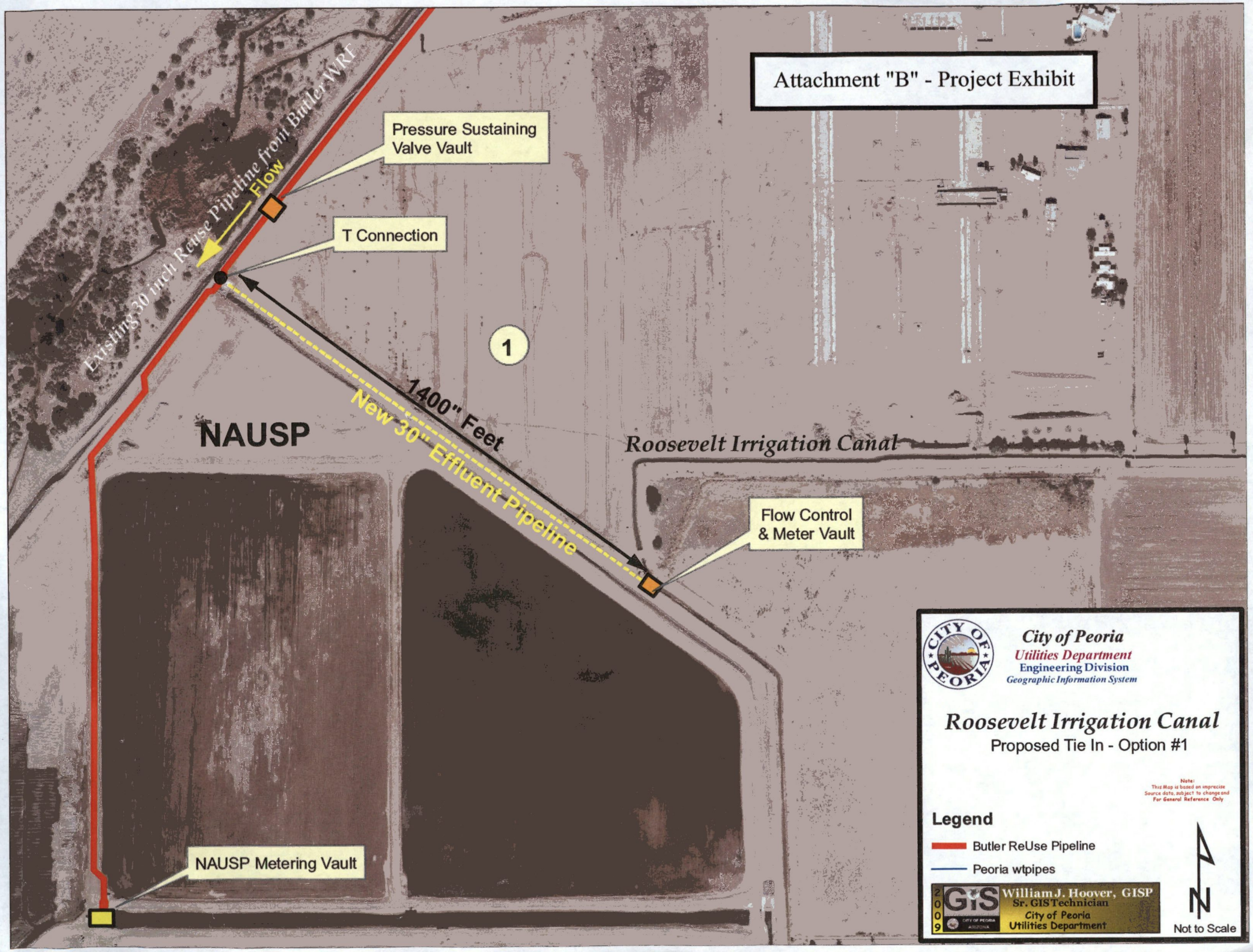
ACON46008 P4
Contract Number

City Seal

Official File

4/2008


Attachment "A" - Project Vicinity Map
City of Peoria
Utilities Department
Engineering Division
Geographic Information System
Roosevelt Irrigation Canal
Vicinity Map
Legend
Butler ReUse Pipeline
RID Canal
Peoria wtpipes
PLSS
Note:
This Map is based on imprecise Source data, subject to change and For General Reference Only
William J. Hoover, GISP
Sr. GIS Technician
City of Peoria
Utilities Department
Not to Scale
NAUSP
1
2
107TH AV
91ST AV
83RD AV
99TH AV
A101
A101@NORTHERN SB OP
A101@NORTHERN SB NO
NORTHERN AV
GLENDALE AV
A101@GLENDALE NB OP
BETHANY HOME RD
32
33
35
05
04
03
02
07
08
09
10
18
17
16
15


Attachment "B" - Project Exhibit
Pressure Sustaining Valve Vault
T Connection
Existing 30 inch Reuse Pipeline from Butler WRF
Flow
1
1400" Feet
New 30" Effluent Pipeline
NAUSP
Roosevelt Irrigation Canal
Flow Control & Meter Vault
NAUSP Metering Vault
City of Peoria
Utilities Department
Engineering Division
Geographic Information System
Roosevelt Irrigation Canal
Proposed Tie In - Option #1
Note:
This Map is based on imprecise Source data, subject to change and For General Reference Only
Legend
Butler ReUse Pipeline
Peoria wtpipes
2009
GIS
William J. Hoover, GISP
Sr. GIS Technician
City of Peoria
Utilities Department
N
Not to Scale