



State of Utah—Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

4110 State Office Building/Salt Lake City, Utah 84114/538-3018

UTAH VALLEY UNIVERSITY WATERLINE REPLACEMENT AND HEAT PLANT ROAD OVERLAY

DFCM PROJECT NO. 09101790

SHEET NUMBERING

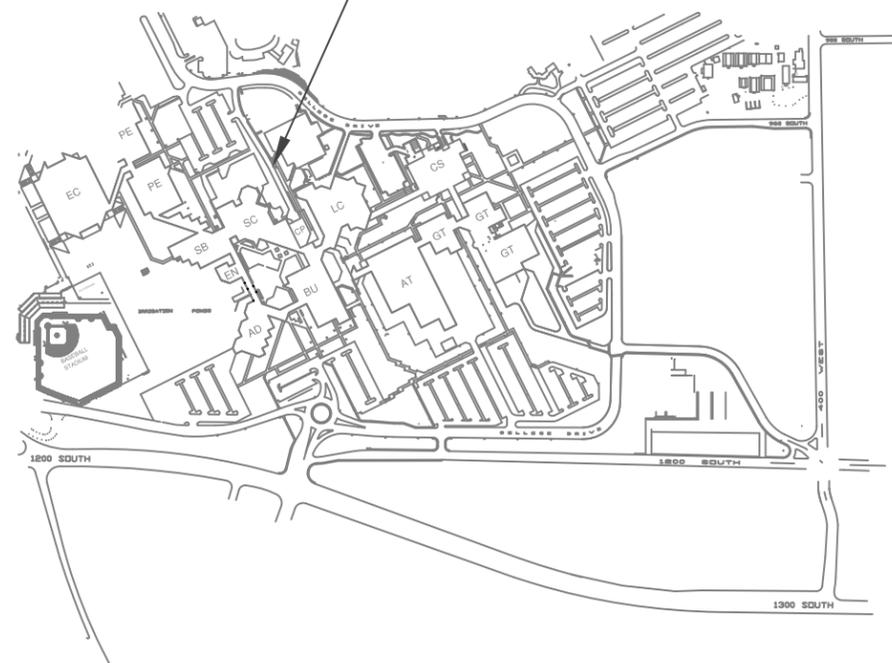
SHEET	NAME
G-001	TITLE SHEET
G-002	SHEET INDEX AND PROJECT NOTES
C-101	LAYOUT
C-102	STRIPING PLAN
C-501	DETAILS

UTAH VALLEY STATE COLLEGE
800 WEST UNIVERSITY PARKWAY
OREM, UTAH

HEAT PLANT ROAD



VICINITY MAP



LOCATION MAP



NORTH

BID PLANS

King Engineering, Inc.

2825 E Cottonwood Parkway
Salt Lake City, Utah 84121
Phone: 801.990.3170
Fax: 801.990.3293
Internet: www.pavementmanagement.com

CREATED BY: KING ENGINEERING, INC.



SITE/LOCATION:

UTAH VALLEY
UNIVERSITY
HEAT PLANT
ROAD

PROJECT TITLE:

WATER MAIN
REPLACEMENT AND
PAVEMENT OVERLAY

MARK DATE DESCRIPTION

ISSUE TYPE: BID PLANS

ISSUE DATE: SEPTEMBER 28, 2009

SLCC PROJECT NO: 09101790

CAD PROJECT NO: 02-XXX

CAD DWG FILE: KE1117NCSSHEET.DWG

DRAWN BY: JEK

CHK'D BY: JEK

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SHEET TITLE

TITLE SHEET

SHEET NUMBER

G-001

SHEET 1 OF 5

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL COMPLY WITH THE PROJECT DRAWINGS AND PROJECT SPECIFICATIONS. IF CONFLICTS ARE NOTED, CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO START OF CONSTRUCTION.
2. ANY KNOWN SEWER MAINS, WATER MAINS, GAS MAINS, STORM MAINS, IRRIGATION LINES, TELEPHONE CONDUITS ELECTRIC CABLES, ANOTHER UNDERGROUND STRUCTURES ARE SHOWN ON THE DRAWINGS ONLY TO THE EXTENT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER. IT IS EXPECTED THAT THERE MAY BE DISCREPANCIES AND OMISSIONS IN THE LOCATION AND QUANTITIES OF UTILITIES AND STRUCTURES SHOWN. THIS INFORMATION IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR BUT IS NOT GUARANTEED TO BE EITHER CORRECT OR COMPLETE, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED. THE CONTRACTOR SHALL MAKE SUCH INVESTIGATION AS HE THINKS NECESSARY TO VERIFY ITS CORRECTNESS AND COMPLETENESS. THE CONTRACTOR SHALL, AHEAD OF EXCAVATOR, LOCATE UNDERGROUND UTILITIES AND STRUCTURES SO THAT THEY WILL NOT BE ACCIDENTALLY CUT OR DAMAGED BY HIS CONSTRUCTION OPERATION, AND SO THAT THE GRADE OF THE PIPE CAN BE ADJUSTED AS REQUIRED.
3. CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY, INCLUDING, BUT NOT LIMITED TO BARRICADES, SIGNING, TRAFFIC CONTROL AND SECURITY.
4. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN UP-TO-DATE "AS-BUILT" DRAWINGS THROUGHOUT THE PROJECT. THESE DRAWINGS SHALL BE PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT.
5. CONTRACTOR SHALL TAKE THE NECESSARY MEASURES TO PROTECT ALL FACILITIES (I.E. LIGHT POLES, TRASH CANS, MISC. FEATURES OUTSIDE OF THE WORK AREAS ETC.) DURING CONSTRUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY TRAFFIC CONTROL FOR MATERIALS REMOVAL AND DELIVERIES DURING THE CONSTRUCTION OF THE PROJECT.
7. ALL TRAFFIC CONTROL (I.E. SIGNAGE, CONES, BARRICADES) SHALL CONFORM TO THE MOST CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND OREM CITY REQUIREMENTS FOR REMOVALS AND DELIVERIES.
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING.
9. THE CONTRACTOR SHALL NOTIFY UNIVERSITY AND DFCM STAFF 48 HOURS PRIOR TO MOBILIZING TO PROJECT AND BEGINNING DEMOLITION AND REMOVALS.
10. THE CONTRACTOR SHALL PROVIDE AND ON-SITE TOILET AT BOTH SITES FOR THE DURATION OF THE PROJECT.
11. THE CONTRACTOR SHALL BARRICADE AND SIGN ALL WORK AREAS DENYING ACCESS TO ALL BUT THE CONTRACTORS EMPLOYEES AND SUBCONTRACTORS.
12. THE CONTRACTOR SHALL PROTECT THE EXISTING SIDEWALK AND CURB AND GUTTER FROM DAMAGE AT ENTRANCES AND EXITS. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO EXISTING CURB AND GUTTER, STORM DRAINS, ETC. DUE TO CONSTRUCTION ACTIVITIES AT NO COST TO THE OWNER.

WATERLINE REPLACEMENT NOTES:

1. ALL BENDS, ELBOWS, TEES, ETC. SHALL REQUIRE MEGALUGS OR EQUAL.
2. VALVES TO BE REPLACED SHALL BE SALVAGED AND DELIVERED TO UTAH VALLEY UNIVERSITY.
3. ALL NEW DUCTILE IRON PIPE SHALL BE POLY WRAPPED AND ALL FITTING SHALL BE GREASE WRAPPED IN FM 2 GREASE.
4. ALL WATER MAIN SHALL BE 8" DUCTILE IRON AWWA CLASS 52.
5. ALL TEES SHALL BE M.J.XM.J.XFL. ALL VALVES SHALL BE FLXM.J.
6. IF WATER SERVICES ARE FOUND, THE CONTRACTOR SHALL RECONNECT ALL EXISTING WATER SERVICES TO NEW WATER MAIN ACCORDING TO APWA STANDARDS. IF CONTRACTOR ENCOUNTERS ANY EXISTING GALVANIZED WATER SERVICE CONNECTIONS HE SHALL REPLACE THESE WITH TYPE K COPPER SERVICES OF THE SAME DIAMETER.

SHEET INDEX



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G-002

SHEET 2 OF 5

