

## **FACILITIES RELOCATION AGREEMENT**

This Agreement (“Agreement”) is entered into and made effective as of the date of execution, by and between Nevada Power Company (“Utility”) with offices at 6226 West Sahara, P.O. Box 98910, Las Vegas, Nevada, 89151 and the City of Las Vegas, Department of Public Works (“Applicant”) with offices at 400 Stewart Avenue Las Vegas, NV 89101. The Parties are referred to herein individually as a “Party”, and collectively as the “Parties”.

### **BASIS FOR AGREEMENT**

- A) UTILITY owns and operates electric transmission and distribution facilities and provides electric service to the public in Clark and Nye Counties Nevada, in accordance with a tariff filed with the Public Utilities Commission of Nevada.
- B) UTILITY holds certain Property Rights, which among other things permits UTILITY to locate therein certain distribution and/or transmission poles and ancillary cable and related facilities.
- C) APPLICANT proposes to construct a right turn lane at the southwest corner of West Charleston Blvd and Decatur Ave. The UTILITY existing Alta–Westside 69kV transmission facilities conflict with APPLICANTS proposed right turn lane.
- D) UTILITY has determined that it can modify its Facilities pursuant to the requirements of UTILITY’s Rule 9 tariff filed with the Public Utilities Commission of Nevada.
- E) UTILITY provided APPLICANT with two (2) options for modifying its facilities APPLICANT agreed to UTILITY’s proposed solution and will advance to UTILITY the Costs for the modification.

NOW, THEREFORE, in consideration of the mutual covenants, terms and conditions contained herein, the Parties do hereby mutually covenant and agree as follows:

### **AGREEMENT**

#### **1. DEFINITIONS**

The following terms, whether used in the singular or plural, and when initially capitalized, have the stated meanings.

- 1.1. Agreement: This document consisting of Sections 1 through 14 and its attached Exhibits, as amended
- 1.2. Applicant: City of Las Vegas Department of Public Works, and its agents assignees and successors.
- 1.3. Costs: Direct and indirect costs attributable to the Project, including without limitation those for engineering, procurement, construction, repair, labor; material acquisition, handling and storage; contractors and subcontractors; acquisition of Property Rights, escrow fees; third-party attachments to UTILITY facilities; contract termination or cancellation fees; administrative and general overheads such as “Allowance for Funds

## FACILITIES RELOCATION AGREEMENT

Used During Construction” (AFUDC); and local, state and federal taxes. Costs incurred by UTILITY in good faith prior to the execution of this Agreement are included within this definition.

- 1.4. **Facilities:** Those facilities that are the subject of this Agreement are specifically one (1) wood pole structure numbered X0128, which will be removed; one (1) steel pole structure numbered X21202R, which will be installed, one (1) concrete protective pole barrier which will be installed, one (1) attenuator which will be provided by the APPLICANT and installed on the installed steel pole and the existing shield-wire, existing single circuit transmission conductors, existing single circuit distribution conductors and the existing neutral wire which will be transferred to the new pole as required.
- 1.5. **Improvement Plan** APPLICANT grading, detail, utility, and traffic drawings shown in Exhibit C.
- 1.6. **In-Service Date:** The date on which the Project is operational; and all Facilities replaced are removed, as part of UTILITY’s electric system having passed all required testing.
- 1.7. **Party:** Nevada Power Company or City of Las Vegas Department of Public Works.
- 1.8. **Permit:** Any applicable approval, permit, consent, waiver, exemption, variance, franchise, order, authorization, right, action, or license required from any federal, state, or local governmental authority, agency, court or other governmental body having jurisdiction over the matter in question which is necessary for the Parties to perform their obligations under this Agreement and under the applicable Laws.
- 1.9. **Plan and Profile:** UTILITY project design showing the modifications and attached to this Agreement as Exhibit B.
- 1.10. **Project:** The Project consists of the engineering, inspection, survey, design, procurement, permitting, construction and removal necessary to relocate and/or modify certain Facilities and associated appurtenances as described below and as specified in the Exhibits:
  - 1.10.1. Remove one (1) wood pole structure number X0128;
  - 1.10.2. Install one (1) steel pole structure number X21202R and one (1) concrete protective pole barrier;
  - 1.10.3. Transfer one (1) existing shield wire, single circuit transmission conductor, single circuit distribution conductor and one (1) existing neutral wire
  - 1.10.4. Applicant will also provide one attenuator for the new steel pole and will coordinate with the UTILITY on the installation and inspection of the attenuator at APPLICANTS sole cost.
- 1.11. **Project Manager:** The individual appointed by each Party to serve as the single point of contact for all issues related to engineering design, procurement, and construction of the Project.

## **FACILITIES RELOCATION AGREEMENT**

- 1.12. Property Rights: Real property rights such as ownership, easements, rights of way, and permits issued by governmental authorities, necessary in UTILITY's sole judgment, to use the property for the installation, removal, operation and maintenance of facilities under this Agreement.
- 1.13. Rule 9: UTILITY's Electric Service Rule No. 9, in effect as of the Agreement's effective date, incorporated herein by reference.
- 1.14. Third Party Attachments: Those attachments identified by UTILITY which UTILITY has licensed to attach to UTILITY's Facilities pursuant to UTILITY's federal obligation for which APPLICANT is solely responsible to compensate directly to such Third Party for relocation Costs if applicable.
- 1.15. Utility: Nevada Power Company.

### **2. PROJECT SCOPE**

- 2.1. UTILITY will at APPLICANT sole Cost remove one (1) wood pole structure numbered X0128; Install one (1) steel pole structure numbered X21202R, one (1) concrete protective pole barrier; transfer one (1) existing shield wire, one (1) existing single circuit transmission conductors, one (1) existing single circuit distribution conductors and one (1) existing neutral as required.
- 2.2. APPLICANT will provide to UTILITY at APPLICANT sole Cost one (1) attenuator for the proposed steel pole number X21202R. The City is required to coordinate with the UTILITY regarding field inspection of the attenuator installation.

### **3. PLAN AND PROFILE DEVELOPMENT**

- 3.1. UTILITY will prepare the Plan and Profile in accordance with UTILITY standards and will submit the final Plan and Profile to APPLICANT for informational purposes only.
- 3.2. The Plan and Profile is subject to revisions to reflect changes in the configuration of UTILITY's electrical system or changes in tentative routing up until such time that UTILITY receives APPLICANT's notice to proceed and payment of estimated Project Costs.

### **4. IMPROVEMENT PLAN DEVELOPMENT**

- 4.1. APPLICANT will use a professional engineer, licensed in the State of Nevada, to prepare, sign, and affix stamps to the Improvement Plans. These drawings will show Facilities placement and identify adequate safety measures for the protection of the Facilities and the public in accordance with UTILITY's standards.
- 4.2. APPLICANT will submit such final Improvement Plans to UTILITY for review and written approval by UTILITY's Transmission Department, prior to beginning any work, or entry or encroachment onto UTILITY's Property Rights.
- 4.3. APPLICANT must submit the Improvement Plans to the appropriate governmental entity(s) for their review and approval and must obtain written authorization by the

## **FACILITIES RELOCATION AGREEMENT**

governmental entity(s) permitting road closures for maintenance and construction and as otherwise required.

### **5. PROJECT SCHEDULE**

- 5.1. UTILITY will make commercially reasonable efforts to substantially complete the Project in accordance with the design schedule, but failure to meet any scheduled date is not a UTILITY event of default.
- 5.2. Each Party, upon knowledge thereof, will promptly provide written notice to the other of any change in schedule or any factor that is delaying or threatens to delay the schedule for Project.
- 5.3. APPLICANT may request UTILITY use reasonable efforts to expedite the Project In-Service Date at APPLICANT sole expense.
- 5.4. The Project is deemed complete following the In-Service Date.

### **6. SITE ACCESS AND APPLICABLE PERMITS**

- 6.1. APPLICANT will permit UTILITY access to, over, and across, any property owned or controlled by it, that is necessary for the purposes of carrying out this Agreement.
- 6.2. APPLICANT must, at its sole cost, obtain and convey to UTILITY all Property Rights that UTILITY reasonably deems necessary for the Project. Such Property Rights must be in a form and substance reasonably acceptable to UTILITY and sufficient to allow UTILITY to own, operate and maintain its Facilities.
- 6.3. UTILITY will obtain all other Applicable Permits deemed necessary for, or incidental to, the construction and continued operations and maintenance of the Project.
- 6.4. APPLICANT agrees to provide reasonable assistance, as UTILITY may request, to obtain these permits. Such support may include such things as writing letters of support to the applicable governmental authorities, speaking on behalf of UTILITY at hearings at UTILITY's request, and other actions reasonably requested to assist UTILITY in obtaining necessary governmental authorizations.

### **7. COST RESPONSIBILITY, PAYMENT AND SETTLEMENT**

- 7.1. APPLICANT is solely responsible for all Costs it incurs towards satisfying the requirements of this Agreement.
- 7.2. APPLICANT is also responsible for all Costs incurred by UTILITY to satisfy the requirements of this Agreement.
- 7.3. APPLICANT must provide a purchase order to pay UTILITY Costs of \$161,885 and submit to UTILITY the executed Agreement prior to commencement of construction.
- 7.4. The estimated Cost to design, procure, and modify the Facilities by removing one (1) wood pole structure number X0128; installing one (1) steel pole structure number. X21202R, one (1) concrete protective pole barrier, coordinating, inspecting the installation of one (1) attenuator and transferring one (1) existing shield-wire, one (1)

## **FACILITIES RELOCATION AGREEMENT**

existing single circuit transmission conductor, one (1) existing single circuit distribution conductor and one (1) existing neutral as required is \$161,885. APPLICANT must pay or provide UTILITY a purchase order in this amount prior to construction with a true up of actual and estimated costs to begin once construction is complete.

- 7.5. No later than 60 days after all charges have been recorded, UTILITY will compare the estimated and actual Costs and either invoice or refund the difference to APPLICANT.
- 7.6. UTILITY will not proceed with the Project until after it has received payment of the Costs and the executed Agreement.
- 7.7. APPLICANT will pay UTILITY any invoiced amount no later than 60 days after receipt of invoice by APPLICANT.
- 7.8. Any amount unpaid by APPLICANT and due under this Agreement will accrue interest at the then current per annum simpler prime rate, as published in the Money Rates section of the Wall Street Journal, plus one percent (1%), from the original due date through the date of receipt of payment by owing Party.
- 7.9. Interest is not payable to APPLICANT on the amount of the advance payment(s) made by APPLICANT.
- 7.10. These modifications to UTILITY's facilities are not necessary to support electric load increases, will not be used to provide service to the facility being developed, and are simply a reimbursement of UTILITY's incremental costs to modify its existing and proposed facilities so that APPLICANT may retain use of its property. Therefore, UTILITY believes the payments by APPLICANT to UTILITY under this Agreement are not Contributions in Aid of Construction ("CIAC") that will subject UTILITY to income tax liability pursuant to section 118 of the Internal Revenue Code of 1954, nor subject to tax gross-up pursuant to NAC § 704.6532. Should UTILITY later determine that UTILITY is subject to such tax liability, APPLICANT must pay UTILITY the gross-up required applied at the rate in effect in Rule 9 of the UTILITY's tariff at the time the CIAC is made. As of the effective date of this Agreement, the applicable CIAC tax rate is 28.5%.

### **8. TERM AND TERMINATION**

- 8.1. This Agreement is effective on the day first written above when executed by all Parties and will terminate upon satisfaction of all obligations under this Agreement.
- 8.2. UTILITY may immediately terminate this Agreement if APPLICANT does not comply with the material terms and conditions of this Agreement or if UTILITY is unable to obtain applicable Permits after making commercially reasonable efforts to do so.
- 8.3. Expiration or termination of this Agreement does not release APPLICANT from any liability or obligation to UTILITY for:
  - 8.3.1. Payment of any amounts, due prior to or resulting from termination.

## **FACILITIES RELOCATION AGREEMENT**

- 8.3.2. Property Rights granted to UTILITY in Section 6.
- 8.3.3. Indemnity obligations pursuant to Section 11 herein, to the extent of the statute of Limitations period applicable to any third party claim.
- 8.4. If the Agreement is terminated:
  - 8.4.1. UTILITY will take all reasonable actions to minimize the Costs associated with shutting down the Project, which may include such things as restoring Facilities to their condition prior to construction being commenced or completing construction.
  - 8.4.2. APPLICANT must fully reimburse UTILITY all its Costs, including reimbursement of any cancellation fees incurred as a result of UTILITY canceling its order for materials. UTILITY will apply the full amount of all prior APPLICANT payments towards these costs, including any such cancellation fee, and will either reimburse or invoice APPLICANT the difference. The provisions of Sections 7.6, 7.7, 7.8 and 7.9 apply to any reimbursement or invoice made or rendered under this Section.

### **9. DISPUTE RESOLUTION**

- 9.1. Except as otherwise stated, final and binding arbitration will be used to resolve any dispute or cause of action between the Parties to this Agreement, including but not limited to, contract issues, tort issues, equity issues, and the interpretation of laws or regulations. The arbitration will be held with Clark County, Nevada and administered by the American Arbitrators Association in accordance with its Commercial Arbitration Rules in effect at the time of arbitration. Any award or determination rendered by the arbitrator may be entered as a judgment in any court having jurisdiction thereof. Notwithstanding the foregoing the Parties may file an action seeking specific performance of this Agreement

### **10. INTEGRATION PROVISION:**

- 10.1. The Agreement represents the entire and integrated agreement between UTILITY and APPLICANT. It supersedes all prior and contemporaneous communications, representations, and agreements, whether oral or written, relating to the subject matter of the Agreement. Any additional or inconsistent terms and conditions set forth in any acknowledgement or invoice of APPLICANT or any other document of APPLICANT has no force and effect on the terms of the Agreement.

### **11. INDEMNIFICATION AND LIABILITY**

- 11.1. Each Party ("Responsible Party") agrees to defend and indemnify the other ("Indemnified Party") against third party claims for damages to such third party proximately caused by the breach of Responsible Party's obligations hereunder, or its negligent acts or omissions, or its intentional misconduct, subject however to the liability limitations set forth in NRS 41.035 which APPLICANT shall assert in all

## **FACILITIES RELOCATION AGREEMENT**

circumstances. Although NRS 41.035 does not apply to UTILITY, the amount UTILITY is obligated to pay APPLICANT for third party claims will have the same cap on liability. This obligation to indemnify does not extend to claims where the Party seeking indemnity is or was solely responsible for causing the damages; provided, however, should fault be apportioned, the obligations of this Section are not to be construed to require either Party to pay more than its proportionate share of any claim.

- 11.2. APPLICANT will require its contractors and subcontractors working on APPLICANTS project to add UTILITY as an additional insured and to defend and indemnify UTILITY against third party claims for damages to such third party proximately caused by the negligent acts, omissions, or intentional misconduct of the contractor or subcontractors. The liability limitations set forth in NRS 41.035 will not apply to APPLICANTS contractors and subcontractors.
- 11.3. In no event is UTILITY liable to APPLICANT for any punitive, consequential, incidental, indirect, or special damages or lost profits incurred or alleged to have been incurred by anyone, whether arising out of tort, breach of contract, breach of warranty, strict liability or any other claim as a result of any delay or modification to the transmission line schedule, construction, routing or rerouting.

### **12. REPRESENTATIONS**

- 12.1. Each Party represents that as of the date of this Agreement, it is duly organized, validly existing and in good standing under the laws of the State of Nevada with the valid corporate or governmental power to enter into and perform all of its obligations under this Agreement.

### **13. INTERPRETATION**

- 13.1. Any modification, waiver, termination, rescission, discharge, or cancellation of the Agreement or of any terms will be binding only if in writing and executed by an authorized representative of both Parties.
- 13.2. This Agreement may be executed in any number of counterparts, and all such counterparts executed and delivered, such as an original, shall constitute but one and the same instrument.
- 13.3. This Agreement is to be construed and interpreted under the laws of the State of Nevada.
- 13.4. In the event any of the terms of this Agreement conflict with those of Rule 9, the terms of Rule 9 control.

**FACILITIES RELOCATION AGREEMENT**

**14. NOTICES**

14.1. All written notices will be sent to the Parties at the addresses stated on Exhibit A with copies as so designated.

14.1.1. Exhibit A may be revised at any time by providing written notice to the other Party.

14.1.2. APPLICANT will include a reference to UTILITY contract number 07-00778 in any such notice.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representative.

**NEVADA POWER COMPANY**

**CITY of LAS VEGAS DEPARTMENT of PUBLIC WORKS**

By: \_\_\_\_\_

By: George C. [Signature]

Print  
Name: Ronald Bilodeau

Print  
Name: JORGE CERVAJANT

Title: Staff Contracting Agent

Title: CITY ENGINEER

Date: \_\_\_\_\_

Date: 11-19-07

APPROVED AS TO FORM

Thomas R. Green 11/29/07  
Thomas R. Green Date  
Deputy City Attorney

# FACILITIES RELOCATION AGREEMENT

## EXHIBITS

### *Exhibit A – Agreement Contacts*

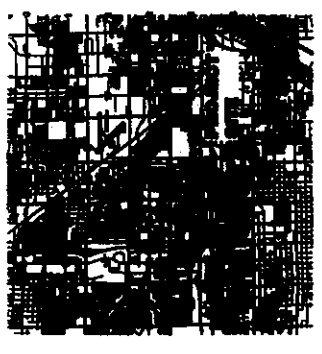
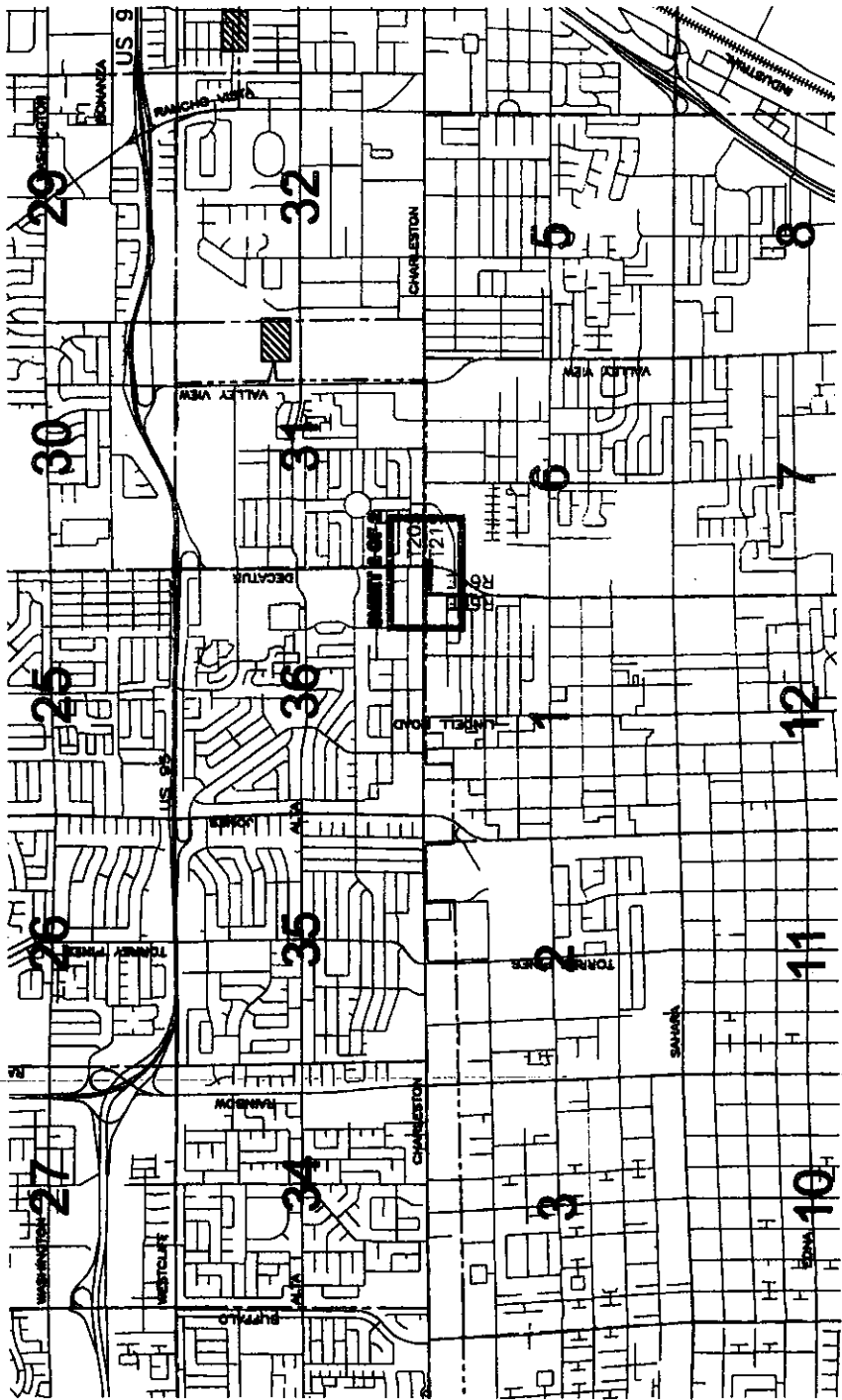
<b>Utility (Nevada Power Company)</b>	
Address	Nevada Power Company 6226 W. Sahara Ave. Las Vegas, NV. 89146
Mailing Address	P.O. Box 98910 Las Vegas, NV, 89151-0001
Project Manager	Jim Roulias
Telephone	(702) 227-2667
Cellular Telephone	NA
FAX	(702) 367-5489
Email	<a href="mailto:jroulias@nevp.com">jroulias@nevp.com</a>

<b>APPLICANT (City of Las Vegas)</b>	
Address	400 Stewart Avenue. Las Vegas NV 89101
Project Manager	Valerie Flock
Telephone	(702) 229-6740
Cellular Telephone	NA
FAX	
Email	<a href="mailto:vflock@lasvegasnevada.gov">vflock@lasvegasnevada.gov</a>

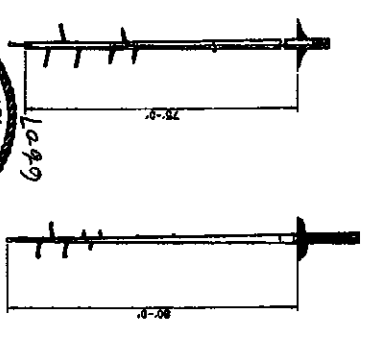
# **FACILITIES RELOCATION AGREEMENT**

## *Exhibit B –UTILITY's Plan and Profile*

# 69KV TRANSMISSION LINE ALTA - WESTSIDE PROJECT ID. TL329TOAWE



GOVERNMENT LINES  
TRANSMISSION LINE  
SECTION LINE



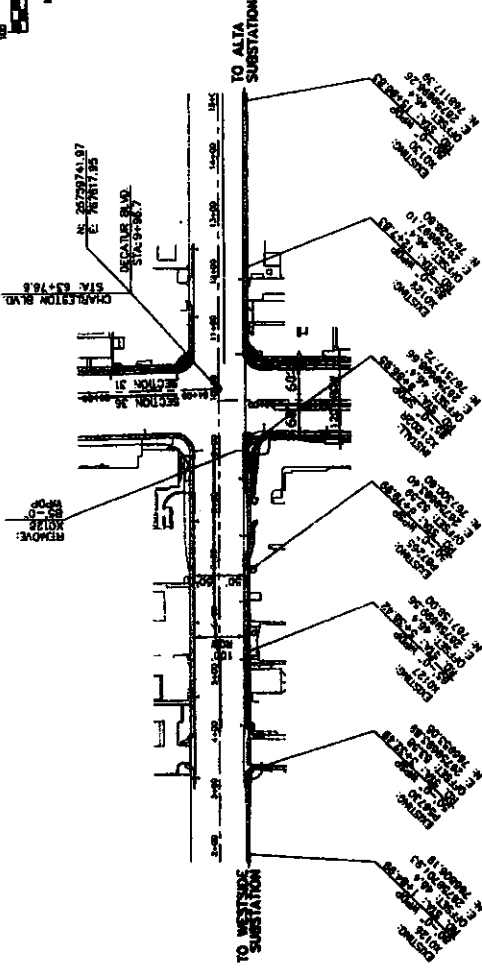
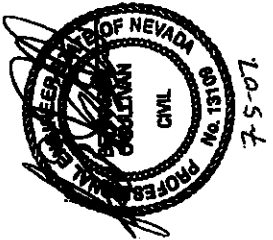
CITY OF LAS VEGAS

DATE

**Nevada Power**  
ENERGY TRANSMISSION LINE  
ALTA - WESTSIDE  
CROSS SHEET  
SCALE: NONE  
DWG. NO. 441.00.160

SHEET NO.  
1  
OF  
2

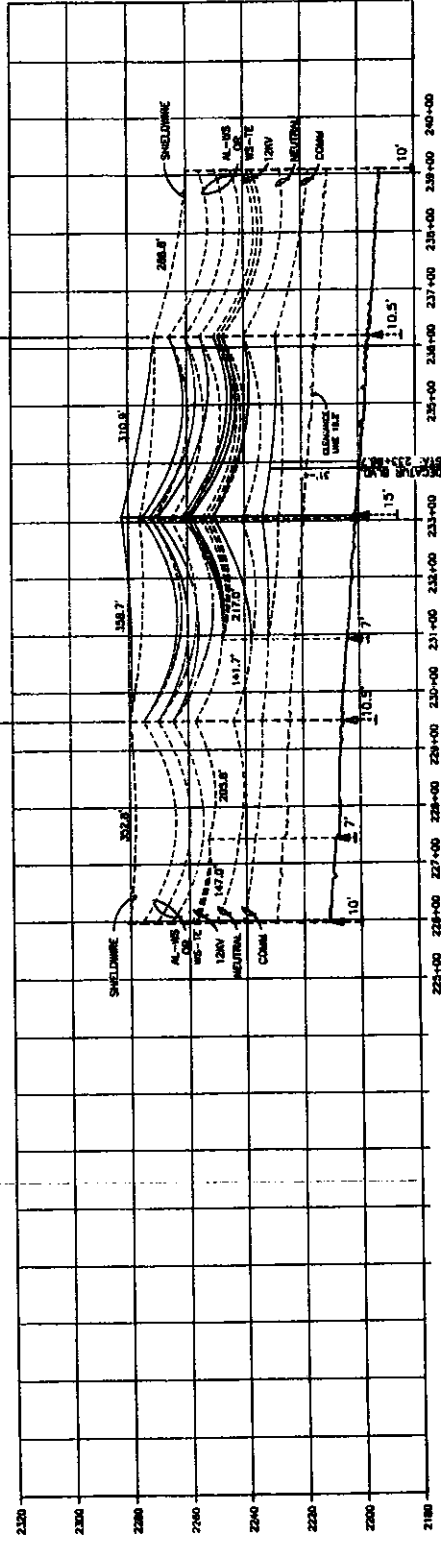
NOTES:  
CONTACT PERSON: MIKE CURRY (702) 387-5344 FAX (702) 367-5489  
CELL# (702) 375-8664 NEVADA POWER COMPANY  
PROJECT MANAGEMENT ADMIN. SR. CONSTRUCTION  
6228 WEST SAHARA AVENUE  
LAS VEGAS, NEVADA 89146



**REVISIONS:**  
 DATE: 5/18/07  
 BY: [Signature]  
 DESCRIPTION: [Details of revisions]

**REVISIONS:**  
 DATE: 5/18/07  
 BY: [Signature]  
 DESCRIPTION: [Details of revisions]

**REVISIONS:**  
 DATE: 5/18/07  
 BY: [Signature]  
 DESCRIPTION: [Details of revisions]



CONST. NO. TYPE  
 [Table of constants for different conductor types]

**LEGEND:**  
 ○ NEW POLE  
 ○ EXISTING POLE  
 ○ EXISTING POLE TO BE REPLACED  
 ○ EXISTING POLE TO BE REPLACED  
 ○ ANGLE

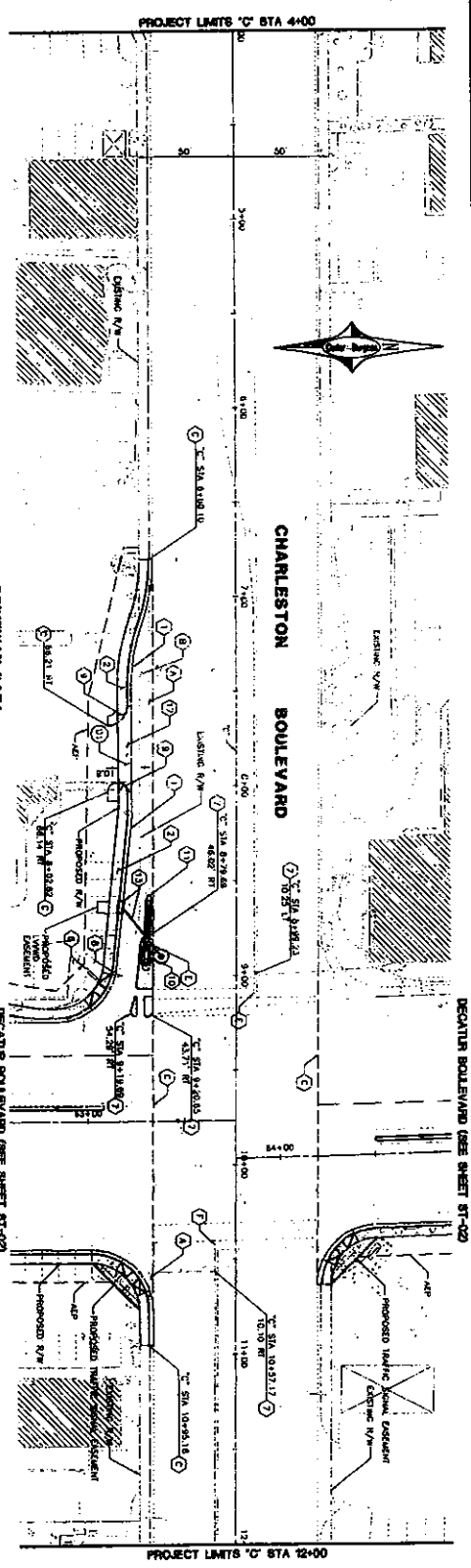


**Nevada Power**  
 CIVIL TRANSMISSION  
 ALTA - WESTSIDE  
 CHARLESTON BLVD./WEGAN INTERSECTION  
 EXHIBIT SECTION - SHOWN 120V LINE  
 SCALE AS NOTED

T. 21 S	36	31
R. 1 E	1	6

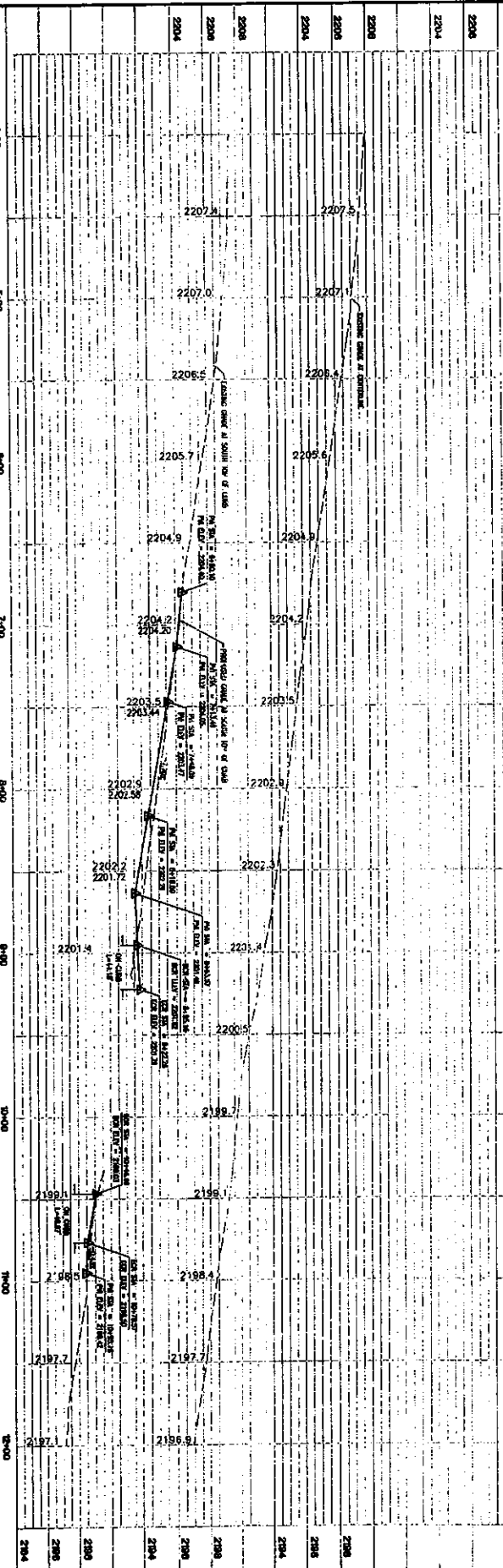
# **FACILITIES RELOCATION AGREEMENT**

## ***Exhibit C –APPLICANTS Improvement Plan***



**DRIVEWAY DATA**

NO.	START	END	TYPE	WIDTH	DEPTH	FINISH
1	7+00.00	7+00.00	10.00	1.00	1.00	1.00
2	7+00.00	7+00.00	10.00	1.00	1.00	1.00
3	7+00.00	7+00.00	10.00	1.00	1.00	1.00
4	7+00.00	7+00.00	10.00	1.00	1.00	1.00
5	7+00.00	7+00.00	10.00	1.00	1.00	1.00



**DEMOLITION/REMOVAL:**

- 1 REMOVE EXISTING CONCRETE CURB AND GUTTER
- 2 REMOVE AND DEMOLISH EXISTING SIDEWALK
- 3 REMOVE EXISTING CONC. DRIVEWAY
- 4 REMOVE EXISTING CONC. DRIVEWAY
- 5 REMOVE EXISTING CONC. DRIVEWAY
- 6 REMOVE EXISTING CONC. DRIVEWAY
- 7 REMOVE EXISTING CONC. DRIVEWAY
- 8 REMOVE EXISTING CONC. DRIVEWAY
- 9 REMOVE EXISTING CONC. DRIVEWAY
- 10 REMOVE EXISTING CONC. DRIVEWAY
- 11 REMOVE EXISTING CONC. DRIVEWAY

**CONSTRUCTION NOTES:**

- 1 CONCRETE CURB AND GUTTER PER US 318
- 2 CONCRETE SIDEWALK PER US 318
- 3 RECONSTRUCT CONC. DRIVEWAY PER US 318
- 4 CONSTRUCT CONC. DRIVEWAY PER US 318
- 5 CONSTRUCT CONC. DRIVEWAY PER US 318
- 6 CONSTRUCT CONC. DRIVEWAY PER US 318
- 7 CONSTRUCT CONC. DRIVEWAY PER US 318
- 8 CONSTRUCT CONC. DRIVEWAY PER US 318
- 9 CONSTRUCT CONC. DRIVEWAY PER US 318
- 10 CONSTRUCT CONC. DRIVEWAY PER US 318
- 11 CONSTRUCT CONC. DRIVEWAY PER US 318

**ROADWAY NOTES:**

- 1 SET ALL SHEETS FOR DATE AND LINE DATA
- 2 INDICATION 'X' ON CURB MARKS IS DISTANCE FROM PROPOSED CURB TO EXISTING CURB OF SIDEWALK
- 3 INDICATION 'Y' ON DRIVEWAY DATA IS DISTANCE BETWEEN DRIVEWAY AND SIDEWALK
- 4 SET SHEETS 01-01 THROUGH 01-05 FOR UTILITY RELOCATION
- 5 TOP OF CURB ELEVATIONS DO NOT ACCOUNT FOR DEPRESSION DRIVEWAY/ROADWAY
- 6 SET ALL SHEETS FOR CROSS-SLOPE INFORMATION

**LEGEND:**

- REMOVE EXISTING SIDEWALK
- REMOVE EXISTING CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY
- CONSTRUCT CONC. DRIVEWAY

**Scale:** 1" = 10'-0"

**Graphic Scale:** 0 10 20 30 40

**Call before you Dig**

1-800-481-4111

1-800-271-2886

www.callbeforeyoudig.com

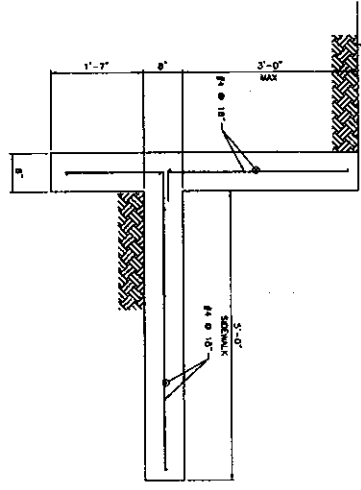
<p>90% SUBMITTAL</p> <p>NOT FOR CONSTRUCTION</p> <p>DATE: 8/22/07</p> <p>SCALE: ST-08</p> <p>SHEET: 86</p> <p>PROJECT: X0000000</p>	<p>TITLE: <b>DECATUR BLVD STREET REHABILITATION SAHARA AVENUE TO MEADOWS LANE</b></p> <p>SHEET: <b>STREET PLAN AND PROFILE "C" STA 4+00 "C" STA 12+00</b></p>	<p>DEPARTMENT OF PUBLIC WORKS</p> <p><b>Carter Burgess</b></p> <p>Consultants &amp; Planners, Engineers, Construction Management, and Planning Services</p> <p>1000 Randolph Road Las Vegas, Nevada 89106 702-836-6400 Fax: 702-836-6154</p>	<p>DESIGNERS DESIGN SECTION</p> <p>DESIGNER: GREG CONNORS, P.E., P101</p> <p>DRAWN: MICHEL BLUMBERG, P.E.</p> <p>CHECKED: [ ]</p> <p>DATE: 8/22/07</p> <p>SCALE: 1" = 10'-0"</p> <p>DATE: 8/22/07</p>	<p><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APP'D</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	APP'D												
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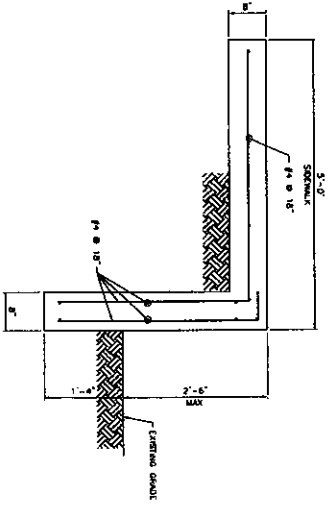
**PROPOSED RETAINING WALL SECTIONS**

- NOTES:**  
 1. USE DETAIL A WHEN PROPOSED GRADE IS LOWER THAN EXISTING GRADE.  
 2. USE DETAIL B WHEN PROPOSED GRADE IS HIGHER THAN EXISTING GRADE.  
 3. FOR EXPANSION JOINTS SEE DET. 100 AND 234.  
 4. CONCRETE SHALL BE CLASS A WITH F-4000 PSI MINIMUM AT 28 DAYS.

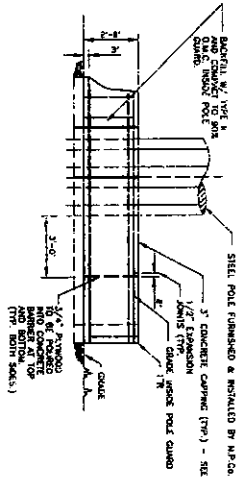
**DETAIL A**



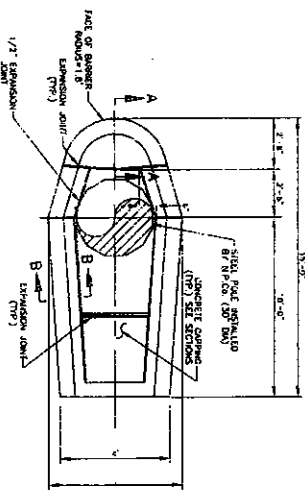
**DETAIL B**



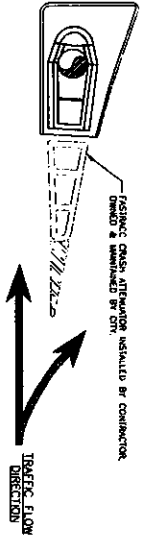
**ELEVATION**



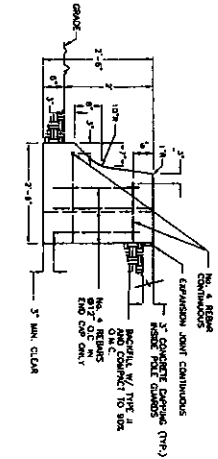
**PLAN VIEW**



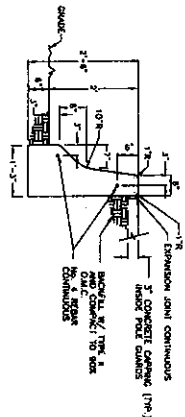
**INSTALLATION DETAIL**



**SECTION A-A**



**SECTION B-B**



- NOTES:**  
 1. CONCRETE TO BE CLASS (A) OR (A), TYPE V, 3000 P.S.I. AT 28 DAYS.  
 2. ALL EXPANSION JOINTS TO BE 1/2" WATERTIGHT (M.M.)  
 3. SURFACE SHALL BE FREE OF Voids AND DEFECTS. PATCH AS REQUIRED - SACK FINISH.  
 4. ALL REINFORCING STEEL TO BE 60 K.S.I.  
 5. CONCRETE TEST CYLINDERS TO BE TAKEN FOR EACH 20 CUBIC YARDS POURED PER DAY.  
 6. TYPE WAPD PILES FROM GROUND LINE TO 2' ABOVE CONCRETE POLE BARBER.

**NEVADA POWER POLE BARRIER DETAILS**

SIA "C" 5'-9 1/2" x 4'-7" RT

CALL BEFORE YOU DIG  
 1-800-484-4111  
 1-800-225-2000

99% SUBMITTAL PRELIMINARY NOT FOR CONSTRUCTION	TITLE: <b>DECATUR BLVD STREET REHABILITATION SAHARA AVENUE TO MEADOWS LANE</b> SHEET: <b>RETAIN ALL AND NP POLE BARRIER DETAILS</b>	DEPARTMENT OF PUBLIC WORKS <b>Carter Burgess</b> CONSULTING ENGINEERS 1805 BRUNNEN ROAD LAS VEGAS, NEVADA 89102 (702) 266-2600 FAX: (702) 266-9464	ENGINEERING DESIGN SECTION WALTER BRUCE CANNON, P.E., CIVIL WALTER BRUCE CANNON, P.E. BY: JS DATE: 8/22/07 NO. SCALE: 1/4" = 1'-0" VER. SCALE: AS SHOWN HG. SCALE: AS SHOWN	REVISIONS NO. DATE DESCRIPTION APPROVED
	SR-01 28 08 100000000X		CITY OF LAS VEGAS PUBLIC WORKS DEPARTMENT	