

CITY OF NORTH LAS VEGAS, NEVADA

DEPARTMENT OF PUBLIC WORKS

MEDIAN ISLAND INSTALLATION - NORTH

DECATUR BOULEVARD AT LONE MOUNTAIN ROAD

SUPPLEMENTAL PLANS FOR (ANN ROAD IMPROVEMENTS)

FUNDED BY:

CITY OF NORTH LAS VEGAS



CITY OF NORTH LAS VEGAS
Your Community of Choice

VERTICAL ADJUSTMENT PARAMETERS:

A VERTICAL ADJUSTMENT HAS BEEN APPLIED USING A PRIMARY RESIDUAL GEIOD MODEL BASED UPON THE ORIGINAL PARAMETERS OF GEIOD '96 AND FURTHER REFINED USING LOCAL ELEVATIONS. THE ORTHOMETRIC ELEVATIONS USED TO DEVELOP SAID PRIMARY RESIDUAL MODEL ARE IN REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 AND WERE TAKEN FROM THE CITY OF NORTH LAS VEGAS BENCHMARK BOOK, REVISED, AUGUST 1ST, 1997.

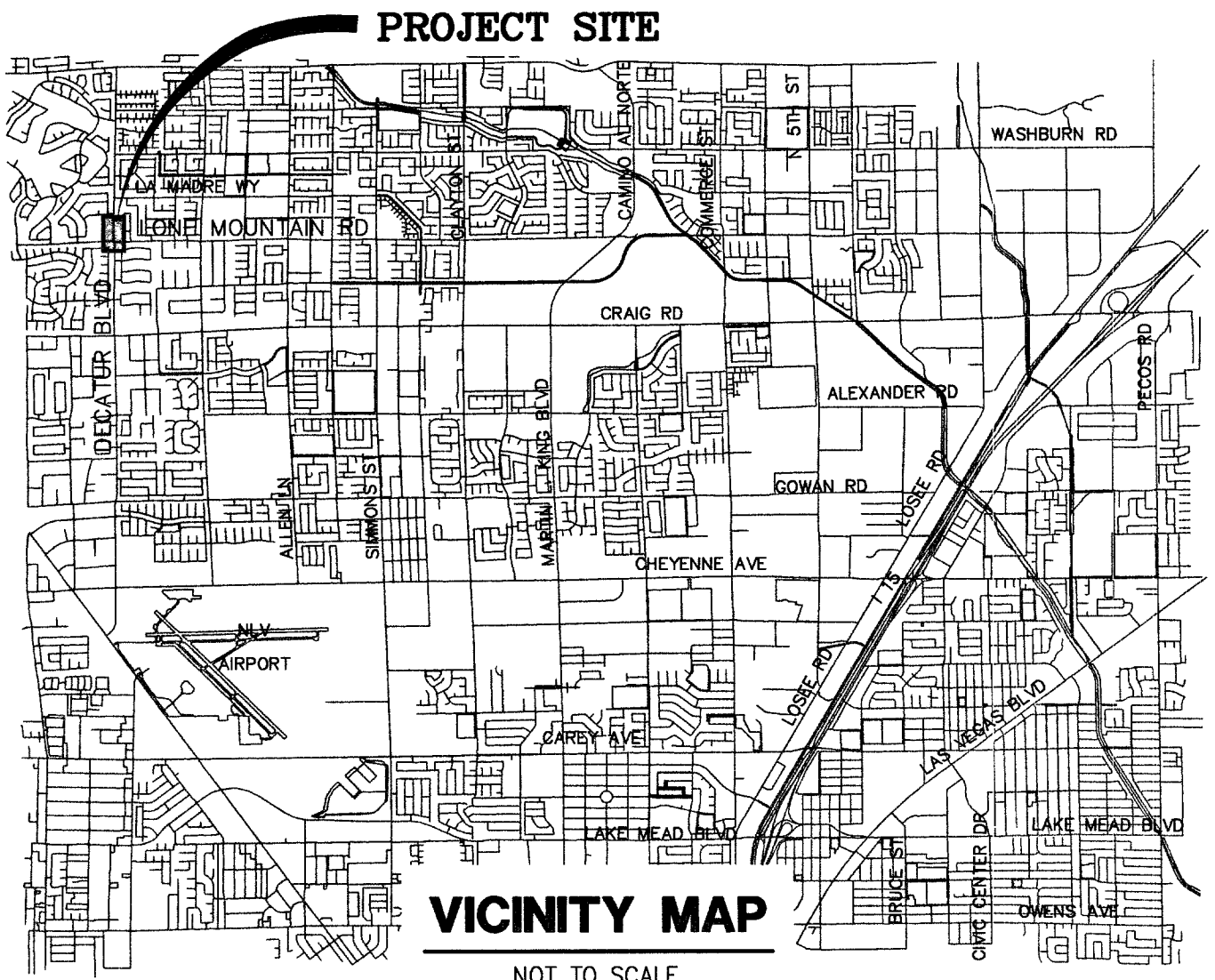
SURVEYOR'S NOTE:

MEASUREMENTS FOR THIS SURVEY WERE COMPILED UTILIZING TRIMBLE 4000SSI AND 4700 DUAL FREQUENCY GLOBAL POSITIONING (GPS) RECEIVERS OPERATED IN THE FAST-STATIC AND REAL-TIME KINEMATIC MODES. INFORMATION PERTAINING TO THIS SURVEY IS ON FILE AND MAY BE REVIEWED AT THE OFFICE OF THE NORTH LAS VEGAS CITY SURVEYOR DURING NORMAL BUSINESS HOURS.

ALL DRAWINGS, SPECIFICATIONS AND SPECIAL TECHNICAL REQUIREMENTS ASSOCIATED WITH THE PROJECT AND IMPROVEMENTS PRESENTED HEREIN HAS BEEN ACCOMPLISHED UNDER THE SUPERVISION OF RESPONSIBLE PROFESSIONAL(S) HAVING THE APPROPRIATE REGISTRATION TO SERVE IN THIS CAPACITY BASED ON THE SCOPE OF THIS SPECIFIC PROJECT, AND IN ACCORDANCE WITH THE STATUTORY PROVISIONS OF THE NEVADA REVISED STATUTES (NRS) AND THE NEVADA ADMINISTRATIVE CODE (NAC) INCLUDING: NRS 278, 338, NRS 623; NAC 338, NAC 623 AND NAC 625 CERTIFICATION SIGNIFYING COMPLIANCE WITH STATUTORY AND RELATED ADMINISTRATIVE CODE REQUIREMENTS IS HEREBY PROVIDED BY THE RESPONSIBLE PROFESSIONAL(S) IN THE FORM OF A STAMP OR SEAL PLACED ON THE PROJECT DOCUMENTS.

SHEET INDEX

SHEET NO.	DRAWING TITLE
1.	COVER SHEET
2.	REMOVAL PLAN
3.	PAVEMENT AND CONCRETE PLAN
4.	SIGNAGE AND STRIPING PLAN
5.	TRAFFIC SIGNAL MODIFICATION PLAN



BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS, BEING THE LINE OF THE QUARTER OF SECTION TOWNSHIP SOUTH, RANGE EAST, AS DEFINED BY THE CENTRAL MERIDIAN OF THE CITY OF NORTH LAS VEGAS USER DEFINED TRANSVERSE MERCATOR PROJECTION; SAID MERIDIAN BEING COINCIDENT WITH 115°05' 53.000000" WEST OF THE GREENWICH MERIDIAN. ORIENTATION IS DEFINED BY THE HIGH ACCURACY REFERENCE NETWORK OF NEVADA, NATIONAL GEODETIC SURVEY. (EPOCH 1994)

CITY OF NORTH LAS VEGAS USER DEFINED TRANSVERSE MERCATOR PROJECTION PARAMETERS:

CENTRAL MERIDIAN = 115°05' 53.000000" WEST
LATITUDE OF ORIGIN = 36°15' 00.000000" NORTH
ORIGIN NORTHING = 75000.0000 U.S. FEET
ORIGIN EASTING = 75000.0000 U.S. FEET
SCALE ALONG CENTRAL MERIDIAN = 1.000093468437
CONVERGENCE ANGLE = 0°17'13.034232" WEST
REFERENCE ELLIPSOID = GRS-80
SEMI-MAJOR AXIS = 20,925,604.474 U.S. FEET
FLATTENING (1/f) = 298.25722154
X TRANSLATION = 0.0000
Y TRANSLATION = 0.0000
Z TRANSLATION = 0.0000

* APPROVALS:

Dr. QIONG LIU, P.E., PTOE 4/10/06
DEPUTY DIRECTOR / CITY ENGINEER DATE

ALLAN P. FAJARDO, P.E., PTOE 3/23/06
SENIOR ENGINEER/ENGINEERING & DESIGN DATE

JORGE FERVANTES, P.E., PTOE 4/10/06
CITY ENGINEER/CITY OF LAS VEGAS DATE

GENERAL NOTES

1. CONTRACTOR SHALL SALVAGE ALL SIGNS REMOVED.
2. 2-LANES OF TRAVEL, ONE IN EACH DIRECTION, SHALL BE MAINTAINED AT ALL TIMES.
3. CONTRACTOR SHALL UTILIZE THESE PLANS ALONG WITH THE ANN ROAD IMPROVEMENTS. (BID NO. 1212 & LABOR COMMISSION NO. PWP-CL-2006-10).

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED
---	--- RIGHT-OF-WAY	○	○ SIGNAL LUMINAIRE POLE, POST
---	--- CENTERLINE	○	○ UTILITY POLE
---P---	---P--- POWER LINE/POWER POLE	⊗	⊗ LUMINAIRE AND MASTER ARM
●	● FIRE HYDRANT	⊗	⊗ GATE
■	■ METERS/PULL BOXES	⊗	⊗ SIGNAL HEAD
□	□ SIGN	⊗	⊗ PEDESTRIAN PUSH BUTTON ASSEMBLY
■	■ SERVICE POINT	⊗	⊗ TRAFFIC SIGNAL ON MAST ARM
⊗	⊗ CABINET	⊗	⊗ TRAFFIC SIGNAL AND LUMINAIRE ON MAST ARMS
⊗	⊗ OPTICOM	⊗	⊗ 5 SECTION SIGNAL HEAD WITH DIRECTIONAL ARROW AND BACKPLATE
⊗	⊗ MANHOLE		
⊗	⊗ CLEANOUT		
⊗	⊗ CONTOUR		
⊗	⊗ AC PAVING		
⊗	⊗ TYPE "L" CURB & GUTTER		
⊗	⊗ TYPE "A" CURB		
⊗	⊗ CONCRETE		
⊗	⊗ TRANSFORMER SINGLE PHASE PADMOUNT		

CITY OF NORTH LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING SERVICES
2288 CIVIC CENTER DRIVE
NORTH LAS VEGAS NV 89030
(702) 633-1206

Call before you Overhead 1-702-593-6111
Call before you Dig 1-800-227-2600

CITY OF NORTH LAS VEGAS - DEPARTMENT OF PUBLIC WORKS - ENGINEERING SERVICES DIVISION

COVER SHEET

MEDIAN ISLAND INSTALLATION - NORTH

CITY OF NORTH LAS VEGAS

SHEET NO.

1

SHEET 1 OF 5

CU# 1074466

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