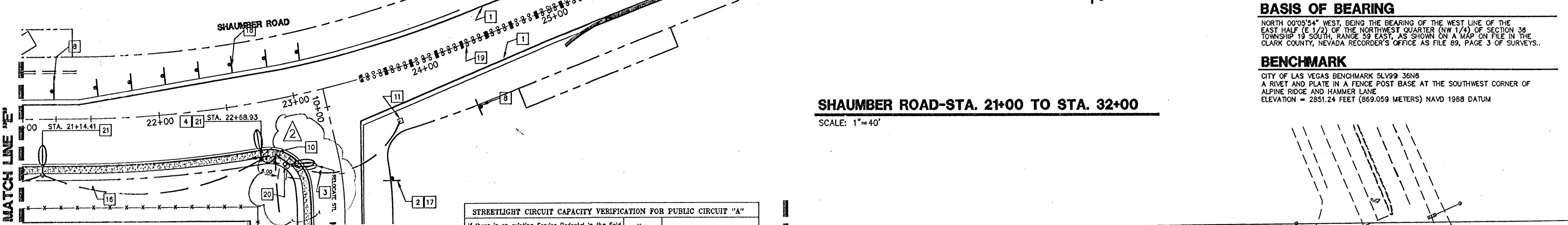
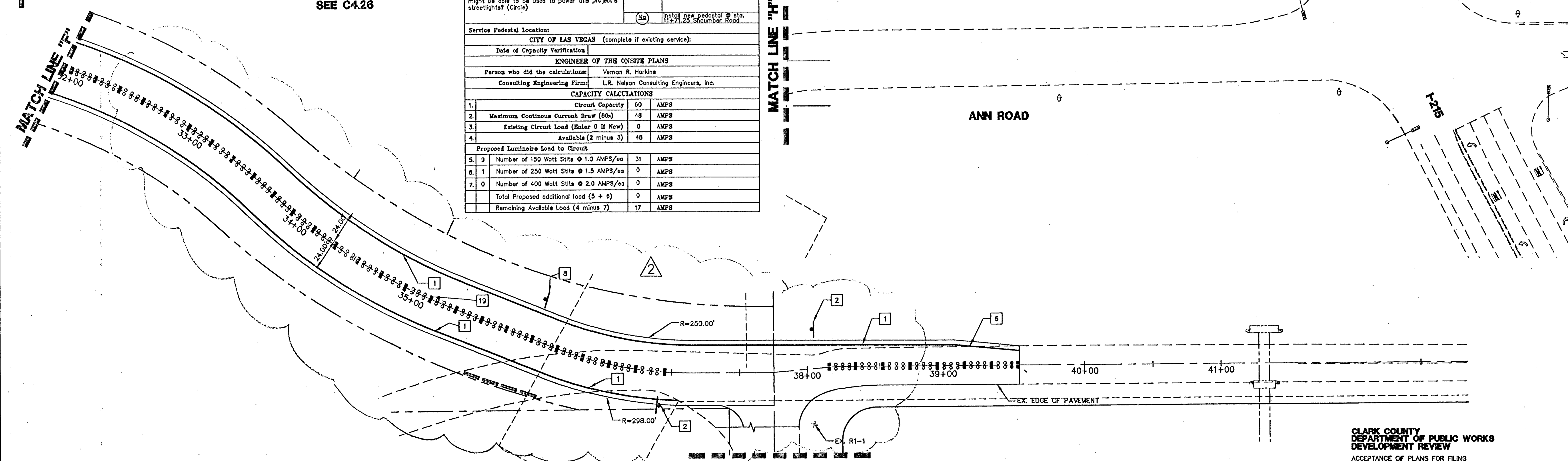


SHAUMBER ROAD-STA. 10+00 TO STA. 21+00
SCALE: 1"=40'

- KEY NOTES**
- INSTALL 4" WIDE WHITE EDGE LINE, 2" FROM EDGE OF PAVEMENT
 - INSTALL "STOP" SIGN (R1-1)
 - INSTALL 2" PVC CONDUIT WITH A #8 PULL WIRE
 - INSTALL "NO PARKING" SIGN (R7-1) APR ON STREETLIGHT
 - INSTALL 80W LED CE LUMINAIRE ERMCOA443A4GRAYEL AND FOUNDATION PER CCAUSD 318, 320 AND 321.
 - INSTALL 8" WIDE WHITE EDGE LINE 4" FROM EDGE OF PAVEMENT
 - INSTALL "END OF ROAD" MARKER (OM4-3)
 - INSTALL "SPEED LIMIT" (25 MPH) SIGN (R2-1)
 - INSTALL 3" CONDUIT WITH (3) 3/0 THW WIRE (2 COLORS & 1 WHITE)
 - INSTALL A 3 1/2 PULL BOX LABELED STREET LIGHTING
 - INSTALL A 3 1/2 PULL BOX FOR FUTURE USE
 - EXISTING TYPE 4 LANE LINE
 - EXISTING TURN LANE
 - INSTALL 200AMP SERVICE PEDESTAL PER CCAUSD No. 330, 331, 332.1 AND 335.1
 - REFER TO NEVADA POWER COMPANY PLANS FOR ADDITIONAL INFORMATION
 - INSTALL 2" PVC CONDUIT W/ (2) #4 AND (1) #8TH COPPER CONDUCTORS, CONDUITS AND WIRES TO BE INSTALLED UNDER SIDEWALK, TYPICAL
 - INSTALL D-3 STREET NAME AND BLOCK NUMBER SIGNS PER MUTCD. SEE DETAIL SHEET C4.28 FOR ADDITIONAL INFORMATION
 - INSTALL OM-3R'S PER MUTCD @ 25' O.C.
 - INSTALL TYPE 1 CENTERLINE PER CCAUSD No. 244
 - INSTALL XX-A POLE WITH LUMINAIRE AND STANDARD UNDERGROUND CONDUITS.
 - INSTALL 157W LED CE LUMINAIRE ERMCOA343A4GRAYEL AND FOUNDATION PER CCAUSD 318, 320 AND 321.
 - INSTALL P-30 PULLBOX WITH "FIBER OPTIC" INSCRIBED ON LID FOR F.A.S.T. CONDUIT.
 - INSTALL TYPE 2 CENTERLINE PER CCAUSD No. 244



SHAUMBER ROAD-STA. 21+00 TO STA. 32+00
SCALE: 1"=40'



SHAUMBER ROAD-STA. 32+00 TO STA. 43+00
SCALE: 1"=40'

STREETLIGHT CIRCUIT CAPACITY VERIFICATION FOR PUBLIC CIRCUIT "A"

If there is an existing Service Pedestal in the field (not proposed) adjacent to this property that might be able to be used to power this project's streetlights (Circle)

Yes No Install new pedestal @ sta. 11+71.28 Shaumber Road

Service Pedestal Location: CITY OF LAS VEGAS (complete if existing service):
Date of Capacity Verification: _____

ENGINEER OF THE ONSITE PLANS
Person who did the calculations: Vernon R. Harkins
Consulting Engineering Firm: L.R. Nelson Consulting Engineers, Inc.

CAPACITY CALCULATIONS

Item	Description	Value	Unit
1.	Circuit Capacity	60	AMPS
2.	Maximum Continuous Current Draw (80s)	48	AMPS
3.	Existing Circuit Load (Enter 0 If New)	0	AMPS
4.	Available (2 minus 3)	48	AMPS
Proposed Luminaire Load to Circuit			
5.	Number of 150 Watt Sits @ 1.0 AMPS/ea	31	AMPS
6.	Number of 250 Watt Sits @ 1.5 AMPS/ea	0	AMPS
7.	Number of 400 Watt Sits @ 2.0 AMPS/ea	0	AMPS
8.	Total Proposed additional load (5 + 6)	0	AMPS
9.	Remaining Available Load (4 minus 7)	17	AMPS

*As-built
Traffic
Delays
10-1-13*

NOTE:
EACH CORNER OF EVERY INTERSECTION SHALL HAVE A SIGHT VISIBILITY ZONE REGARDLESS OF RIGHT OF WAY WIDTH. NO WALLS, FENCES, TREES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE.

BASIS OF BEARING

NORTH 00°05'54" WEST, BEING THE BEARING OF THE WEST LINE OF THE EAST HALF (E 1/2) OF THE NORTHWEST QUARTER (N 1/4) OF SECTION 38 TOWNSHIP 19 SOUTH, RANGE 59 EAST, AS SHOWN ON A MAP ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE AS FILE 89, PAGE 3 OF SURVEYS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 5LV99 36N6
A RIVET AND PLATE IN A FENCE POST BASE AT THE SOUTHWEST CORNER OF ALPINE RIDGE AND HAMMER LANE
ELEVATION = 2851.24 FEET (869.059 METERS) NAVD 1988 DATUM

REVISIONS

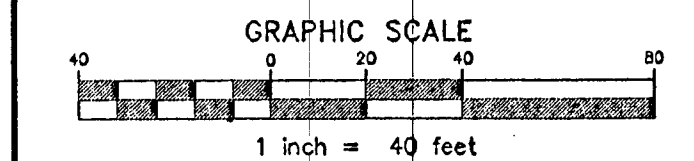
REV	DESCRIPTION	DATE	BY
1	REVISED STL LOCATION	3/2/12	
2	REVISED ROAD RADIUS/STL LOCATION	9/18/12	

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



Call before you dig
Avoid overhead power line contact
Call before you dig
Underground utilities
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT



VERNON R. HARKINS
Professional Engineer - State of Nevada
Exp. 8/30/13
No. 000993

COSD PROJECT NO. 1549
COSD REVIEW APPROVED BY DATE
DRAWN BY: _____
CHECKED BY: _____
SUBMITTAL DATE: OCTOBER 31, 2011
A/E/C PROJECT NO. 09-016

L. R. NELSON CONSULTING ENGINEERS, INC.
6702 West Russell Road, Suite 100
Las Vegas, NV 89118
(702) 798-7928
(702) 481-2286 FAX

KCA ARCHITECTURE
9075 West Diablo Drive, Third Floor 1701 Directors Boulevard, Suite 770
Las Vegas, Nevada 89146
702.367.6900
www.KCAarchitecture.com

CLARK COUNTY SCHOOL DISTRICT
DESIGN MANAGEMENT / PLANNING AND DESIGN
LAS VEGAS, NEVADA 89121

CCSD NORTHWEST SATELLITE TRANSPORTATION FACILITY
DESIGN TITLE
TRAFFIC, SIGNAGE AND STRIPING PLAN

SHEET NO. **C4.27**
SHEET 58 OF 83
CLV #1249 715-188
HTE #11-19927

CLARK COUNTY DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING
By: *NR*
NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

SHEET RE-POSTED 9/20/12