



Department of Administrative Services Purchasing and Contracts

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Sabra Smith Newby, Chief Administrative Officer
Adleen B. Stidhum, Purchasing Manager



CLARK COUNTY, NEVADA BID NO. 604064-16 TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY

May 27, 2016

ADDENDUM NO. 2

INVITATION TO BID

1. The bid opening date of June 17, 2016 at 2:15:00 p.m. **remains unchanged.**

BID FORM

2. **Delete** the Bid Form (pages 4-1 through 4-6) and **Replace** with the attached revised Bid Form (pages 4-1 through 4-6).

SPECIAL PROVISIONS

3. **Clarification Only – No Revision.** Contractor shall refer to Subsection 108.01, SUBLETTING OF CONTRACT in the RTC Standard Specifications for information regarding the percentage of work the contractor is required to perform within the Contractor's own organization.

SECTION 216 – COLD PLANING

4. Subsection 216.05.01, MEASUREMENT (page 216-7):

Replace the first paragraph with the following:

The quantity of Variable Depth Cold Planing (Micro-Mill) to be measured for payment will be the number of square yards as indicated in the contract, conforming to all the requirements in the completed work.

5. Subsection 216.06.01, PAYMENT (page 216-7):

Replace this subsection with the following:

The accepted quantity of Variable Depth Cold Planing (Micro-Mill) will be paid for at the contract unit price bid per square yard, which shall be full compensation for milling, loading, hauling, cleaning, and for providing all labor, tools, equipment, and incidentals necessary for completing the work as shown on the plans.

All payments will be made in accordance with Subsection 109.02, "Scope of Payment."
Partial payments may be made in accordance with Subsection 109.06, "Partial Payments."

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Variable Depth Cold Planing (Micro-Mill)	Square Yard

SECTION 628 – TRAFFIC STRIPING, PAVEMENT MARKINGS, AND CURB MARKINGS

6. Subsection 628.04.01, MEASUREMENT (page 628-2):

Replace the second paragraph with the following:

The quantity of Type 2 Marking for Crosswalks, Stop Bars, and Diagonals shall be measured per square foot, complete and in place.

7. Subsection 628.05.01, PAYMENT (page 628-3):

Replace the second paragraph with the following:

The accepted quantity of Type 2 Marking for Crosswalks, Stop Bars, and Diagonals will be paid for at the contract unit price bid per square foot, which shall be full compensation for cleaning and preparing the surfaces, for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in furnishing and placing the pavement markings, complete and in place, as shown on the plans, as specified, and as directed by the Engineer.

8. Subsection 628.05.01, PAYMENT (page 628-3):

Under Pay Item, **Replace** "Type 2 Marking for Crosswalks and Stop Bars" with "Type 2 Marking for Crosswalks, Stop Bars, and Diagonals".

SECTION 633 – PAVEMENT MARKERS

9. **Add** the following subsection (page 633-1):

Subsection 633.02.04, RAISED CURB REFLECTIVE MARKER

Raised curb reflective marker shall be Astro Optics Model no. CM-1 raised curb protector marker, as supplied by Astro Optics, LLC, 5100 W Brown Deer Road, Brown Deer, WI 53223, (847) 488-9151, <http://www.astrooptics.com/>

No substitution will be allowed.

Contractor shall install the raised curb reflective marker with solvent cement, per manufacturer's recommendation.

10. **Add** the following subsection (page 633-1):

Subsection 633.04.01, MEASUREMENT

Add the following to this subsection:

The quantity of Raised Curb Reflective Marker to be measured for payment will be per each marker installed, complete and accepted.

11. Subsection 633.05.01, PAYMENT (page 633-1):

Replace this subsection with the following:

The accepted quantity of Raised Curb Reflective Marker will be paid for at the contract unit price bid per each shall be full compensation for cleaning and preparing the asphalt curb surface, for furnishing all labor, materials, adhesives, tools, equipment, and incidentals necessary to complete the work as shown on the plans, as specified, and as directed by the Engineer.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Non-Reflective Pavement Markers	Each
Reflective Pavement Markers	Each
Raised Curb Reflective Marker	Each

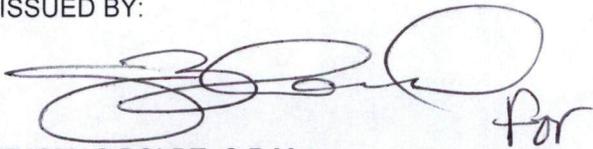
CONTRACT DRAWINGS L-2113

12. The following sheets are being re-issued with this addendum.

- a) G-1
- b) R-1
- c) TY-1
- d) C-1
- e) GP-1
- f) ST-3
- g) T-2
- h) T-3
- i) T-5

Except as modified herein, all other bid specifications, terms, conditions and special conditions shall remain the same.

ISSUED BY:

A handwritten signature in black ink, appearing to read 'Tom', with a large circular flourish at the end.

THOMAS BOLDT, C.P.M.
Sr. Purchasing Analyst

Attachment(s): Revised Bid Form, pages 4-1 through 4-6
Sheet no. G-1, R1, TY-1, C-1, GP-1, ST-3, T-2, T-3 and T-5

Cc: Irene Lam, Public Works
Mike Mamer, Public Works
Cindy, Beauchamp, Public Works
Kaizad Yazdani, Public Works
Krishna Kumar, Louis Berger

CLARK COUNTY, NEVADA

BID FORM

BID NO. 604064-16

TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY

PWP NUMBER: CL-2016-173

REVISED PER ADDENDUM NO. 2

(NAME)

(ADDRESS)

I, THE UNDERSIGNED BIDDER:

1. Agree, if awarded this Contract, I will complete all work for which a Contract may be awarded and to furnish any and all labor, equipment, materials, transportation, and other facilities required for the services as set forth in the Bidding and Contract Documents.
2. Have examined the Contract Documents and the site(s) for the proposed work and satisfied themselves as to the character, quality of work to be performed, materials to be furnished and as to the requirements of the specifications.
3. Have completed all information in the blanks provided and have submitted the following within this Bid:
 - a) Have listed the name of each Subcontractor which will be paid an amount exceeding five percent (5%) of the Total Base Bid amount.
 - b) Attached a bid security (in the form of, at my option, a Cashiers Check, Certified Check, Money Order, or Bid Bond in favor of the Owner in the amount of five percent (5%) of the Total Base Bid amount.
 - c) If claiming the preference eligibility, I have submitted a valid Certificate of Eligibility with this Bid.
4. I acknowledge that if I am one of the three apparent low bidders at the bid opening, and if I have listed Subcontractor(s) pursuant to NRS 338.141, I must submit Bid Attachment 2 within two-hours after completion of the bid opening pursuant to the Instructions to Bidders, forms must be submitted via hand delivery or email to COUNTPURCHASING@CLARKCOUNTYNV.GOV and I understand that hand delivery is recommended, and Owner shall not be responsible for lists received after the two-hour time limit, regardless of the reason. I understand that submission after the two-hour time limit is not allowed and will be returned to me and the bid will be deemed non-responsive. I acknowledge that for all projects, I will list:
 - a) My firm's name on the list If my firm will perform any work which is more than 1 percent of the prime contractor's total bid and which is not being performed by a subcontractor. The prime contractor shall also include on the list:
 - 1) A description of the labor or portion of the work that the prime contractor will perform: or
 - 2) A statement that the prime contractor will perform all work other than that being performed by a subcontractor listed.
 - b) The name of each first tier subcontractor who will provide labor or a portion of the work on the public work to the prime contractor for which the first tier subcontractor will be paid an amount exceeding \$250,000.
 - c) If I will employ a first tier subcontractor who will provide labor or a portion of the work on the public work to the prime contractor for which the first tier subcontractor will not be paid an amount exceeding \$250,000, the name of each first tier subcontractor who will provide labor or a portion of the work on the public work to the prime contractor for which the first tier subcontractor will be paid 1 percent of the prime contractor's total bid or \$50,000, whichever is greater.
5. I acknowledge that if I am one of the three apparent low bidders at bid opening, and if I have submitted a valid Certificate of Eligibility as described in 3.c above, I must submit Bid Attachment 3, Affidavit Pertaining to Preference Eligibility, within two-hours after completion of the bid opening pursuant to the General Conditions. The forms must be submitted via hand delivery or email to COUNTPURCHASING@CLARKCOUNTYNV.GOV and I understand hand delivery is recommended. Owner shall not be responsible for lists received after the two-hour time limit, regardless of the reason. I understand that submission of the Certificate after the two-hour time limit is not allowed and it will be returned to me and the bid will be deemed non-responsive.

- 6. I acknowledge that if notified that I am the low bidder, I must submit the Disclosure of Ownership/Principals form within 24-hours of request.
- 7. I acknowledge that my bid is based on the current State of Nevada prevailing wages.
- 8. I acknowledge that I have not breached a public work contract for which the cost exceeds \$25,000,000, within the preceding year, for failing to comply with NRS 338.147 and the requirements of a contract in which I have submitted within 2 hours of the bid opening an Affidavit pertaining to preference eligibility.
- 9. Upon faxed or mailed receipt of Owner's written request for insurance, I will provide the following submittals within ten (10) business days from receipt of the Notice:
 - a) Performance Bond, Labor and Material Payment Bond and a Guaranty Bond, for 100% of the Contract amount as required.
 - b) Certificates of insurance for Commercial General Liability in the amount of \$1,000,000, Automobile Liability in the amount of \$1,000,000, and Workers' Compensation insurance issued by an insurer qualified to underwrite Workers' Compensation insurance in the State of Nevada, as required by law.
- 10. I acknowledge that if I do not provide the above submittals on or before the tenth business day after receipt of the Owner's written request for insurance; or do not keep the bonds or insurance policies in effect, or allow them to lapse during the performance of the Contract; I will pay over to the Owner the amount of **\$1,500** per day as liquidated damages.
- 11. I confirm this bid is genuine and is not a sham or collusive, or made in the interest of, or on behalf of any person not herein named, nor that the Bidder in any manner sought to secure for themselves an advantage over any bidders.
- 12. I further propose and agree that if my bid is accepted, I will commence to perform the work called for by the contract documents on the date specified in the Notice to Proceed and I will complete all work within the calendar days **specified in the General Conditions.**
- 13. I further propose and agree that I will accept as full compensation for the work to be performed the price written in the Bid Schedule below.
- 14. I have carefully checked the figures below and the Owner will not be responsible for any error or omissions in the preparation or submission of this Bid.
- 15. I agree no verbal agreement or conversation with an officer, agent or employee of the Owner, either before or after the execution of the contract, shall affect or modify any of the terms or obligations of this Bid.
- 16. I am responsible to ascertain the number of addenda issued, and I hereby acknowledge receipt of the following addenda:

Addendum No. _____	dated, _____	Addendum No. _____	dated, _____
Addendum No. _____	dated, _____	Addendum No. _____	dated, _____
Addendum No. _____	dated, _____	Addendum No. _____	dated, _____
Addendum No. _____	dated, _____	Addendum No. _____	dated, _____
Addendum No. _____	dated, _____	Addendum No. _____	dated, _____
- 17. I agree to perform all work described in the drawings, specifications, and other documents for the amounts quoted below:

BID SCHEDULE				
ITEM NUMBER	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	TOTAL
107.01	TRAFFIC CONTROL	60	DAY	\$
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$ 50,000
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	5	DAY	\$ 2,500
109.03	ADDITIONAL AMOUNT OVER \$500.00/DAY AS DETERMINED BY BIDDER	5	DAY	\$
200.01	MOBILIZATION	1	LS	\$
202.01	REMOVE TRAFFIC STRIPING	1	LS	\$
202.02	REMOVE AND SALVAGE TRAFFIC SIGN AND POST	34	EA	\$
203.01	ROADWAY EXCAVATION	40	CY	\$
216.01	VARIABLE DEPTH COLD PLANING (MICRO-MILL)	6,220	SY	\$
302.01	TYPE II AGGREGATE BASE	30	CY	\$
402.01	PLANTMIX BITUMINOUS SURFACE	1,070	TON	\$
402.02	ASPHALT CURB	271	LF	\$
609.01	VERTICALLY ADJUST STORM DRAIN MANHOLE	3	EA	\$
623.01	TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE/MOUNTAINS EDGE PARKWAY	1	LS	\$
623.02	REMOVE FLASHING BEACON SYSTEM AT BUFFALO DR/MOUNTAINS EDGE PKWY	1	LS	\$
627.01	PERMANENT SIGN POST	9	EA	\$
627.02	PERMANENT SIGN PANEL	9	EA	\$
628.01	TYPE 2 (ARROW) MARKING	21	EA	\$
628.02	TYPE 2 MARKING FOR CROSSWALKS, STOP BARS, AND DIAGONALS	1,176	SF	\$
628.03	TYPE 1 WHITE 6-INCH MARKING (POLYUREA)	585	LF	\$
628.04	REFLECTIVE PAINT, ISLANDS AND CURB	26	SF	\$
628.05	TYPE 2 "ONLY" MARKING	1	EA	\$
629.01	VERTICALLY ADJUST WATER VALVE BOX	4	EA	\$
630.01	VERTICALLY ADJUST SEWER MANHOLE	2	EA	\$
633.01	NON-REFLECTIVE PAVEMENT MARKERS	290	EA	\$
633.02	REFLECTIVE PAVEMENT MARKERS	180	EA	\$
633.03	RAISED CURB REFLECTIVE MARKER	55	EA	\$
637.01	DUST CONTROL	60	DAY	\$
680.01	FIBER OPTIC CABLE (72 STRAND)	2,850	LF	\$
681.01	COMMUNICATION DISTRIBUTION CABLE ASSEMBLY (CDCA) AND PERMANENT FIBER SPLICING	2	EA	\$
684.01	LAYER 2 FIELD-HARDENED ETHERNET SWITCH	2	EA	\$
TOTAL BASE BID				\$

ADDITIVE / DEDUCTIVE ITEMS

THE OWNER MAY EXERCISE ANY OF THE FOLLOWING ITEMS DURING THE COURSE OF CONSTRUCTION. EXPLANATION OF EACH ITEM IS INCLUDED WITH APPLICABLE SECTIONS OF SPECIFICATIONS. THE BIDDER MUST PROVIDE BID PRICES FOR ALL ITEMS TO BE RESPONSIVE AND CONSIDERED FOR AWARD. THE PRICES QUOTED SHALL REMAIN FIRM THROUGHOUT THE CONTRACT PERIOD.

ITEM NUMBER	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	TOTAL
1.	623.03 CONDUIT REPAIR IN PAVEMENT (MULTIPLE)	10	LF	\$
2.	623.04 CONDUIT REPAIR IN PAVEMENT (SINGLE)	10	LF	\$
3.	623.05 CONDUIT REPAIR IN LANDSCAPE (MULTIPLE)	10	LF	\$
4.	623.06 CONDUIT REPAIR IN LANDSCAPE (SINGLE)	10	LF	\$
5.	623.07 CONDUIT REPAIR IN SIDEWALK (MULTIPLE)	10	LF	\$
6.	623.08 CONDUIT REPAIRE IN SIDEWALK (SINGLE)	10	LF	\$

18. BUSINESS ENTERPRISE INFORMATION:

The Prime Contractor submitting this Bid is a MBE WBE PBE SBE VET DVET ESB as defined in the Instructions to Bidders.

19. BUSINESS ETHNICITY INFORMATION:

The Prime Contractor submitting the Bid Ethnicity is Caucasian (CX) African American (AA) Hispanic American (HA) Asian Pacific American (AX) Native American (NA) Other as defined in the Instructions to Bidders.

20. BIDDERS' PREFERENCE Is the Bidder claiming Bidders' Preference?

- Yes If yes, the Bidder acknowledges that he/she is required to follow the requirements set forth in the Affidavit (Bid Attachment 3).
- No I do not have a Certificate of Eligibility to receive preference in bidding.

LEGAL NAME OF FIRM AS IT WOULD APPEAR IN CONTRACT

ADDRESS OF FIRM

CITY, STATE, ZIP CODE

TELEPHONE NUMBER

FAX NUMBER

NEVADA STATE CONTRACTORS' BOARD LICENSE INFORMATION:

I certify that the license(s) listed below will be the license(s) used to perform the majority of the work on this project.

LICENSE NUMBER: _____

LICENSE CLASS: _____

LICENSE LIMIT: _____

ONE TIME LICENSE LIMIT INCREASE \$ _____ IF YES, DATE REQUESTED _____

CLARK COUNTY BUSINESS LICENSE NO. _____

STATE OF NEVADA BUSINESS LICENSE NO. _____

AUTHORIZED REPRESENTATIVE
(PRINT OR TYPE)

E-MAIL ADDRESS

SIGNATURE OF AUTHORIZED REPRESENTATIVE

TODAY'S DATE

CCWRD NOTES

- ALL SANITARY SEWER LINES SHOWN ON THESE PLANS ARE CLARK COUNTY WATER RECLAMATION DISTRICT PUBLIC LINES, UNLESS OTHERWISE NOTED. ALL CCWRD SANITARY SEWER LID ADJUSTMENTS SHALL BE PER DSCWC SD-4 AND SD-5 AND SECTION 630 OF THE PROJECT SPECIFICATIONS. CONTACT CCWRD INSPECTIONS AT 702-668-8205 OR 702-668-8205 24 HOURS IN ADVANCE OF THE WORK.
- ALL OTHER PROVISIONS AND GENERAL NOTES 1-20, PER TABLE "F" OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, 3RD EDITION, 2009 APPLY. THEY CAN BE DOWNLOADED FROM WWW.CLEANWATERTEAM.COM
- WHEN ADJUSTING MANHOLES, THE CONTRACTOR SHALL INSTALL PLYWOOD COVERS IN SANITARY SEWER MANHOLE INVERTS AS WELL AS STEEL PLATE COVERS OVER MANHOLES (AFTER MANHOLE RINGS/FRAMES ARE REMOVED) TO PREVENT DEBRIS FROM ENTERING SEWER MANHOLES AND CORRESPONDING LINES. DEBRIS IN THE MANHOLES SHALL BE REMOVED PRIOR TO PLYWOOD REMOVAL. PLYWOOD AND STEEL COVERS FOR MANHOLES SHALL BE INSTALLED AND REMOVED IN THE PRESENCE OF A CCWRD INSPECTOR. ALL DEBRIS DROPPED INTO THE SEWER MANHOLES AND CORRESPONDING LINES SHALL BE RETRIEVED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL CLEAN (E.G., JET VAC OR EQUIVALENT) THE DEBRIS OUT OF THE AFFECTED MANHOLES AND/OR SEWER LINES IN THE PRESENCE OF THE CCWRD INSPECTOR AND APPROVED BY THE CONSTRUCTION MANAGER.
- MANHOLE ADJUSTMENTS SHALL BE PER DCSWCS, LATEST EDITION, PER SD4 AND SD5. IF CORROSION PROTECTION EXISTS ON MANHOLE CONCRETE SURFACES, CONTRACTOR SHALL PREPARE SURFACE AND REAPPLY IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. CCWRD INSPECTOR SHALL BE PRESENT DURING THE WORK, AT AGENCY DISCRETION. CONTRACTOR SHALL COORDINATE A MINIMUM OF 24 HOURS IN ADVANCE OF THE WORK.

APPROVAL:

Clark County Water Reclamation District

Date

CCWRD Project Control Number is 16.045.

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS. THE APPROVAL OF THESE DRAWINGS DOES NOT GUARANTEE CAPACITY IN THE DISTRICT'S COLLECTION OR TREATMENT SYSTEM.

SOUTHWEST GAS REVIEW

APPROVAL:

Southwest Gas Date

COX COMMUNICATIONS REVIEW

APPROVAL:

Cox Communications Date

NV ENERGY REVIEW

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

APPROVAL:

NV Energy-Distribution Date

APPROVAL:

NV Energy-Transmission Date

GENERAL NOTES

- ALL CONSTRUCTION AND TRAFFIC SIGNAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS CLARK COUNTY AREA, NEVADA". THE MANUAL CAN BE FOUND HERE: WWW.RTCSNV.COM/MP/STREETS/FILES/COMPLETESETS/DRAWINGS SET.PDF
- ALL CONSTRUCTION AND TRAFFIC SIGNAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", AND APPENDICES. THE MANUAL CAN BE FOUND HERE: WWW.RTCSNV.COM/MP/STREETS/FILES/COMPLETESETS/SPECIFICATIONS SET.PDF
- PER SPECIAL PROVISIONS SECTION 637.03.03, PLEASE REFER TO THE "THE LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES GUIDANCE MANUAL", SECTION 3.5.1 FOR THE STORMWATER MANAGEMENT NOTES AND APPENDIX B FOR THE VARIOUS REQUIRED CHECKLISTS. THE MANUAL CAN BE FOUND HERE: HTTP://GUSTFRONT.CCRFCO.ORG/PDF_ARCH1/INPDES/BMP%20GUIDANCE/LVV%20CONSTRUCTION%20SITE%20BMP%20GUIDANCE%20MANUAL_JAN%202009.PDF
- ALL UTILITIES SHOWN ARE BELIEVED TO BE ACCURATELY LOCATED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES LIKELY TO BE AFFECTED AND TO PROTECT IN PLACE. ALL UTILITIES SHOWN HEREIN. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF SUSPECTED UTILITY INTERFERENCES, AND SHALL FURNISH INFORMATION ON THE SAME TO THE ENGINEER, NOT LESS THAN TEN (10) DAYS PRIOR TO THE ANTICIPATED IMPACT OF THESE SUSPECTED INTERFERENCES ON HIS WORK. IF CONFLICTS EXIST, THE CONTRACTOR WILL IMMEDIATELY CONTACT THE ENGINEER AND PROVIDE THE ENGINEER WITH ALL THE NECESSARY DATA SUCH AS ELEVATIONS, HORIZONTAL LOCATIONS, ETC., AND PROVIDE THE ENGINEER WITH SKETCHES INDICATING THE PROPOSED IMPROVEMENT AND THE UTILITY CONFLICT. THE ENGINEER WILL EXAMINE AND REVIEW ALL THE DATA AND SKETCHES PROVIDED, AND WILL PROVIDE THE CONTRACTOR WITH AN ALTERNATIVE DESIGN WITHIN FIVE (5) DAYS AFTER RECEIPT OF DATA AND SKETCHES.
- CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BEGINNING CONSTRUCTION
- SIGNATURES SHOWN ON THE COVER OF THESE PLANS, BY THE LOCAL UTILITY COMPANIES DOES NOT ASSUME OR GUARANTEE THEIR LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.
- THE CONTRACTOR SHALL COORDINATE WITH THE NV ENERGY COMPANY, CENTURYLINK, LOCAL CABLE COMPANY AND THE SOUTHWEST GAS CORPORATION FOR THE RELOCATION OF UNDERGROUND OR OVERHEAD UTILITIES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF ALL LAS VEGAS VALLEY WATER DISTRICT FACILITIES AND CLARK COUNTY WATER RECLAMATION DISTRICT MANHOLES TO FINISHED GRADE AS INDICATED ON THE PLANS OR IN THE SPECIAL PROVISIONS UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL NOT REMOVE TREES, SHRUBS, LAWNS, WALLS, FENCES, SIGNS, STRUCTURE, LIGHTS OR ANY OTHER IMPROVEMENTS OUTSIDE THE RIGHT-OF-WAY EXCEPT WHERE REQUIRED TO DO SO BY THE CONTRACT DRAWINGS OR AS DIRECTED BY THE ENGINEER.
- EXACT LOCATIONS OF ALL SAWCUT LINES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THOSE SAWCUTS THAT ARE LONGITUDINAL TO THE ROADWAY MAY BE WHEEL CUT WITH EQUIPMENT AS APPROVED BY THE ENGINEER. ALL OTHER SAWCUTS SHALL BE MADE BY A ROTARY SAW.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING REQUIRED TO REMAIN, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
- FAST INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT/FIBER OPTIC CABLE MUST BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT/FIBER OPTIC CABLE WHILE PERMANENT CABLE IS BEING RELOCATED. TEMPORARY AERIAL INSTALLATION MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO FAST. ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY FAST. CITY OF LAS VEGAS, CLARK COUNTY AND NDOT AND MUST BE REPAIRED IMMEDIATELY TO FAST ACCEPTANCE. DAMAGES MAY BE ASSESSED AGAINST THE CONTRACTOR AFTER 24 HOURS HAS ELAPSED FROM THE TIME OF BREAK OR DAMAGE. \$2,500 PER DAY DAMAGES WILL BE ASSESSED AFTER TWENTY-FOUR (24) HOURS HAS ELAPSED FROM THE TIME OF BREAK OR DAMAGE. TO COPPER WIRED INTERCONNECT CABLE AND \$7,500 PER DAY FOR DAMAGE TO FIBER OPTIC CABLE.
- ALL STORM DRAIN MANHOLE ACCESS COVERS SHALL HAVE A MINIMUM DIAMETER OF THIRTY (30") INCHES.

ABBREVIATIONS

ACP	ASBESTOS CEMENT PIPE
AGG	AGGREGATE
AP	ANGLE POINT
BC	BACK OF CURB
CC	CLARK COUNTY
C&G	CURB AND GUTTER
CL	CENTERLINE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
COMM DWY	COMMERCIAL DRIVEWAY
CONC	CONCRETE
CONST	CONSTRUCTION OR CONSTRUCT
DI	DROP INLET
DIA	DIAMETER
DIAG	DIAGONAL
DWG	DRAWING
DWY	DRIVEWAY
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EXIST	EXISTING
FG	FINISHED GRADE
FL	FLOW LINE
GB	GRADE BREAK
HPS	HIGH PRESSURE SODIUM
INV	INVERT
LF	LINEAR FEET
LT	LEFT
MATL	MATERIAL
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
PVMT	PAVEMENT
PBS	PLANTMIX BITUMINOUS SURFACE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RP	RADIUS POINT
RT	RIGHT
RW	RIGHT OF WAY
SD	STORM DRAIN
STD	STANDARD
SW	SIDEWALK
TC	TOP OF CURB
TRANS	TRANSITION
(TYP)	TYPICAL
USD	UNIFORM STANDARD DRAWING
UTACS	ULTRA THIN ASPHALT CONCRETE SURFACE
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VG	VALLEY GUTTER/ CONC CROSS GUTTER
VPI	VERTICAL POINT OF INTERSECTION
VPC	VERTICAL POINT OF CURVE
VPT	VERTICAL POINT OF TANGENCY

LEGEND

	CENTERLINE W/STATION
	RIGHT-OF-WAY LINE
	PROPERTY LINE
	EXISTING/PROPOSED STREETLIGHT
	EXISTING/PROPOSED/FUTURE DROP INLET
	EXISTING/PROPOSED CURB & GUTTER
	EXISTING/PROPOSED UNDERGROUND UTILITY SHOWN AT WIDTH WHEN > 18"
	EXISTING/PROPOSED/ADJUST MANHOLE
	EXISTING/PROPOSED PULL BOX
	EXISTING/PROPOSED/ADJUST WATER VALVE
	EXISTING/ADJUST GAS VALVE
	EXISTING/PROPOSED EDGE OF PAVEMENT
	EXISTING/PROPOSED DRIVEWAY
	EXISTING BLOCKWALL/FENCE
	EXISTING/PROPOSED ELEVATION
	CURVE DATA NOTATION
	EXISTING TELEPHONE AND/OR POWER POLE
	EXISTING/PROPOSED FIRE HYDRANT
	EXISTING/PROPOSED SERVICE PEDIESTAL
	PAVEMENT TRANSITION
	EXISTING MAILBOX
	BENCHMARK
	POT HOLE NUMBER
	EXISTING/ADJUST WATER METER
	SAWCUT LINE
	EXISTING/PROPOSED 1-1/4" PVC STREETLIGHT CONDUIT
	EXISTING/PROPOSED CONTROLLER CABINET
	EXISTING/PROPOSED SIDEWALK RAMP
	PROPOSED STORM DRAIN MARKER BALL

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS MAP IS NORTH 00° 05' 53" WEST AS DEFINED BY THE MONUMENTS SHOWN HEREON, BEING THE WEST LINE OF THE NORTHWEST ONE-QUARTER (NW1/4) OF THE SOUTHWEST ONE QUARTER (SW1/4) OF SECTION 27, TOWNSHIP 22 SOUTH, RANGE 60 EAST, MOUNT DIABLO MERIDIAN, CLARK COUNTY, NEVADA, A PORTION OF WHICH IS THE CONTROL LINE OF BUFFALO DRIVE AS DERIVED BY BOOK 123, PAGE 47 OF PLATS.

BENCHMARKS

THE ELEVATION DATA SHOWN HEREON ARE U.S. SURVEY FEET REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, CLARK COUNTY VERTICAL CONTROL v.2003, BASED UPON BENCHMARK No. 4, STATION "4C20 20E4" BEING A RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT, LOCATED AT THE NORTHWEST QUADRANT OF DURANGO DRIVE AND SERENE AVENUE. 1

ELEVATION 838.379 METERS - PUBLISHED

ELEVATION 2550.58 U.S. SURVEY FEET - COMPUTED

CENTURYLINK REVIEW

THE AFFIXED CENTRAL TELEPHONE COMPANY DBE: CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

APPROVAL:

Central Telephone Company DBE: Date Centurylink

Call before you Dig

1-800-227-2600

FAST

Call before you UnderGround

1-702-432-5300

CALL BEFORE OVERHEAD

1-702-227-2929

LVVWD NOTES

PROJECT # 124301

- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION FOR FUTURE INSPECTIONS. NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
- ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS). THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.
- ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
- A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
- ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
- ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
- ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
- ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
- THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802 TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
- ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS
- ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE LISTED ON THE LVVWD PRE-APPROVED MATERIAL AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
- TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600.
- THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN ALL STREETS IS ASSUMED TO BE IN COMPLIANCE WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING STREET SURFACES. ANY REPAIR WORK DONE BY THE LVVWD TO THE MUNICIPAL WATER FACILITIES WILL INCLUDE THE PLACEMENT OF AN APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE.

ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNERS ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNERS IF NO OWNER'S ASSOCIATION IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION. DECORATIVE SURFACE MATERIALS PLACED WITHIN THE TEN FOOT EASEMENT ABUTTING A PUBLIC OR PRIVATE STREET, IF DISTURBED BY THE LVVWD DURING THE REPAIR OR OPERATION OF ITS FACILITIES, WILL BE REPLACED BY LVVWD WITH AN APPROPRIATELY SIZED PLAIN FINISH CONCRETE PATCH. THE LVVWD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR THE RESTORATION OF, ANY DECORATIVE PAVING SURFACE WITHIN THE STREET. THE LVVWD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager
Date Project No 124301

SHEETS: G-1,R-1,C-1,GP-1,T-2

TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY

BENCHMARK, GENERAL NOTES BASIS OF BEARING, LEGEND, AND ABBREVIATIONS

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



PROJECT No: 2000627 DRAWN BY: GFV
DESIGNED BY: VK CHECKED BY: KK
APPROVED BY: KK DATE: 05/24/2016



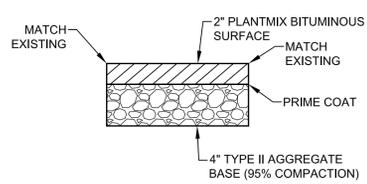
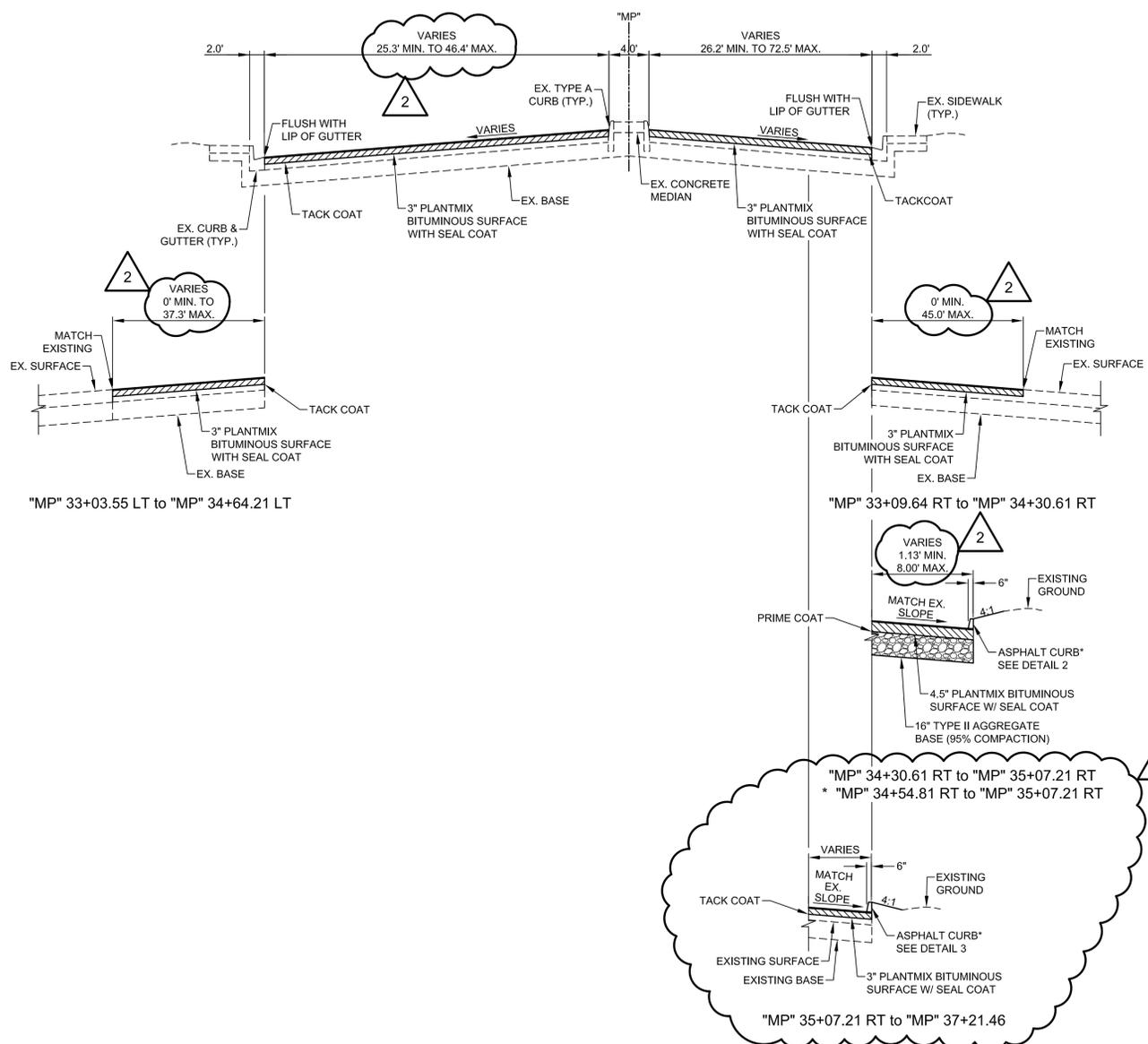
Louis Berger

444 East Warm Springs Road, Suite 118, Las Vegas, Nevada 89119
Phone: 702.736.6632 Fax: 702.736.0704

SCALE	SHEET No
HORIZ: NONE	G-1
VERT: NONE	
FIELD BOOK NONE	
PROJECT NO. XXXXXX	
	L - 2113

REV. NO.	DATE	DESCRIPTION	APPROVED
1	5/27/16	ADDENDUM NO. 2	KK

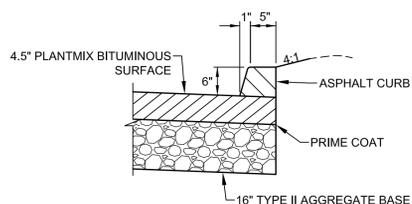




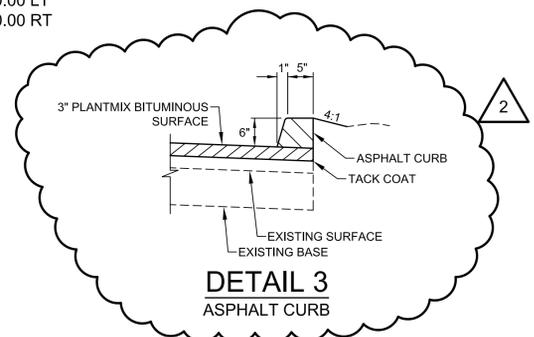
DETAIL 1
ASPHALT SIDEWALK

SECTION OF IMPROVEMENT

"MP" 30+60.00 LT TO "MP" 38+50.00 LT
 "MP" 30+40.00 RT TO "MP" 38+50.00 RT



DETAIL 2
ASPHALT CURB



DETAIL 3
ASPHALT CURB

LEGEND

	PLANTMIX BITUMINOUS SURFACE
	TYPE II AGGREGATE BASE

PLOT DATE: Wednesday, May 25, 2016 2:08:48 PM Schimatz, John
 FILE NAME: C:\PROJECT\WSEB\811\FG2014\14\B\USER\DD\186756TY-1.DWG

Call before you Dig
 Call 811 before you Dig
 Call before you UnderGround
 Call before you Overhead

FAST

1-800-227-2600 1-702-432-5300 1-702-227-2929

REV. NO.	DATE	DESCRIPTION	APPROVED
	5/27/16	ADDENDUM NO. 2	KK



**TRAFFIC SIGNAL SYSTEM AT
 BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY
 TYPICAL SECTION**

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



PROJECT No:	2000627	DRAWN BY:	VK
DESIGNED BY:	VK	CHECKED BY:	KK
APPROVED BY:	SJD	DATE:	05/24/2016

Louis Berger
 444 East Warm Springs Road, Suite 118, Las Vegas, Nevada 89119
 Phone: 702.736.6632 Fax: 702.736.0704

SCALE	SHEET No
HORIZ: NONE	TY-1
VERT: NONE	
FIELD BOOK: NONE	
PROJECT NO. XXXXXX	
	L - 2113

CCWRD NOTES:

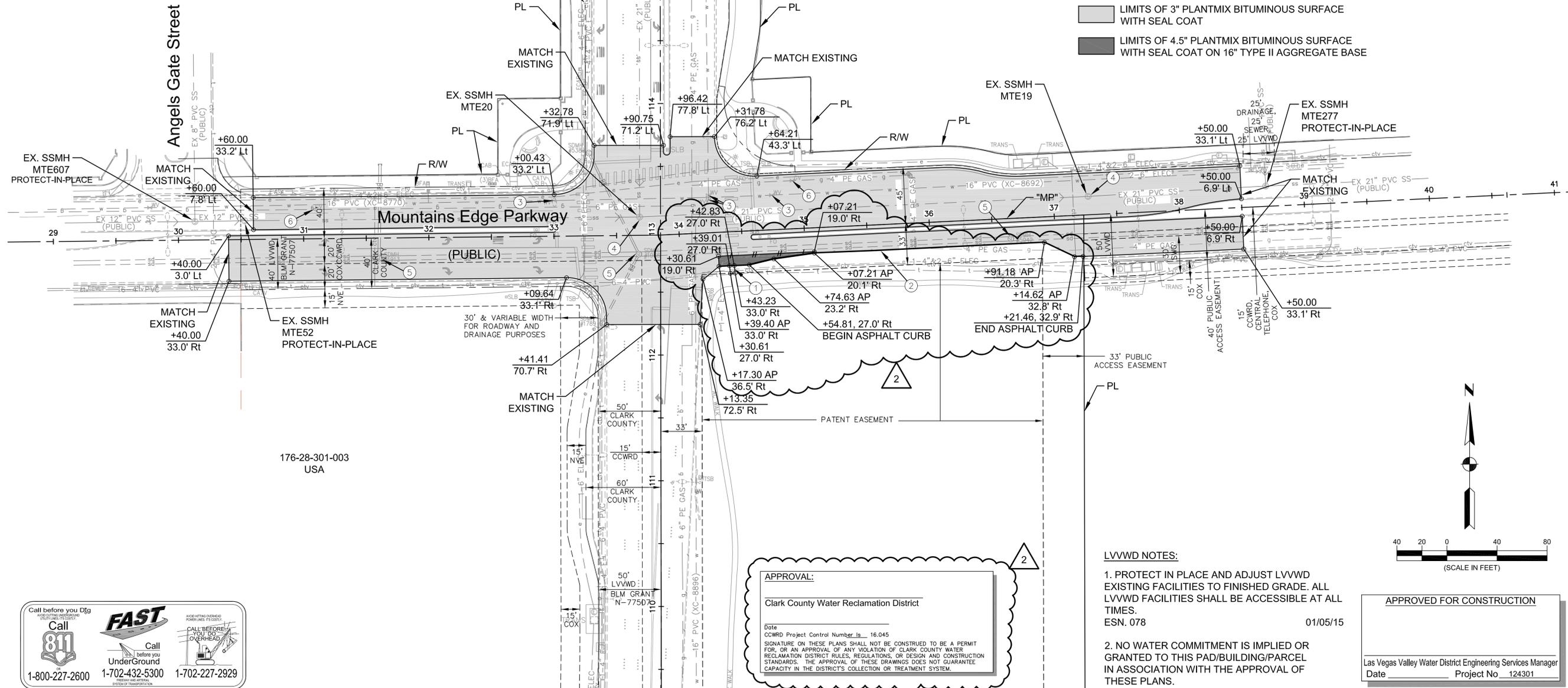
1. WHEN ADJUSTING MANHOLES, THE CONTRACTOR SHALL INSTALL PLYWOOD COVERS IN SANITARY SEWER MANHOLE INVERTS AS WELL AS STEEL PLATE COVERS OVER MANHOLES (AFTER MANHOLE RINGS/FRAMES ARE REMOVED) TO PREVENT DEBRIS FROM ENTERING SEWER MANHOLES AND CORRESPONDING LINES. DEBRIS IN THE MANHOLES SHALL BE REMOVED PRIOR TO PLYWOOD REMOVAL. PLYWOOD AND STEEL COVERS FOR MANHOLES SHALL BE INSTALLED AND REMOVED IN THE PRESENCE OF A CCWRD INSPECTOR. ALL DEBRIS DROPPED INTO THE SEWER MANHOLES AND CORRESPONDING LINES SHALL BE RETRIEVED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL CLEAN (E.G., JET VAC OR EQUIVALENT) THE DEBRIS OUT OF THE AFFECTED MANHOLES AND/OR SEWER LINES IN THE PRESENCE OF THE CCWRD INSPECTOR AND APPROVED BY THE CONSTRUCTION MANAGER.

2. MANHOLE ADJUSTMENTS SHALL BE PER DCWCS, LATEST EDITION, PER SD4 AND SD5. IF CORROSION PROTECTION EXISTS ON MANHOLE CONCRETE SURFACES, CONTRACTOR SHALL PREPARE SURFACE AND REAPPLY IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. CCWRD INSPECTOR SHALL BE PRESENT DURING THE WORK, AT AGENCY DISCRETION. CONTRACTOR SHALL COORDINATE A MINIMUM OF 24 HOURS IN ADVANCE OF THE WORK.

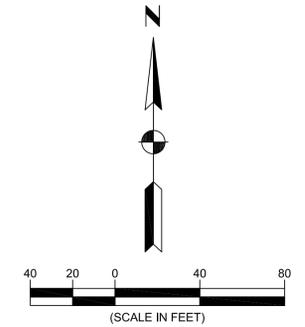
- ① CONSTRUCT ASPHALT SIDEWALK PER DETAIL 1, SHEET TY-1.
- ② CONSTRUCT ASPHALT CURB PER DETAIL 2 AND DETAIL 3, SHEET TY-1.
- ③ ADJUST EXISTING VALVE BOX TO FINISHED GRADE PER UDACS PLATE #39. VALVES SHALL BE ACCESSIBLE AT ALL TIMES.
- ④ VERTICALLY ADJUST SEWER MANHOLE TO FINISHED GRADE.
- ⑤ VERTICALLY ADJUST STORM DRAIN MANHOLE TO FINISHED GRADE.
- ⑥ VERTICALLY ADJUST GAS VALVE (BY OTHERS). CONTRACTOR SHALL CALL SOUTHWEST GAS AT 702-528-8290 TWO WEEKS IN ADVANCE TO ARRANGE ADJUSTMENTS.

LEGEND

- LIMITS OF 3" PLANTMIX BITUMINOUS SURFACE WITH SEAL COAT
- LIMITS OF 4.5" PLANTMIX BITUMINOUS SURFACE WITH SEAL COAT ON 16" TYPE II AGGREGATE BASE



176-28-301-003
USA



LVVWD NOTES:

1. PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
ESN. 078
2. NO WATER COMMITMENT IS IMPLIED OR GRANTED TO THIS PAD/BUILDING/PARCEL IN ASSOCIATION WITH THE APPROVAL OF THESE PLANS.

APPROVAL:

Clark County Water Reclamation District

Date: CCWRD Project Control Number: 16.045

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS. THE APPROVAL OF THESE DRAWINGS DOES NOT GUARANTEE CAPACITY IN THE DISTRICT'S COLLECTION OR TREATMENT SYSTEM.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager
Date: 01/05/15
Project No: 124301

PLOT DATE: Wednesday, May 25, 2016 2:09:47 PM Schimatz, John
FILE NAME: C:\PROJECT\WSEB\BILLS\2014\14\BG\USER\JON\186751C-1.DWG

Call before you Dig
Call before you Dig
Call before you Dig

FAST

1-800-227-2600 1-702-432-5300 1-702-227-2929

REV. NO.	DATE	DESCRIPTION	APPROVED
5/27/16		ADDENDUM NO. 2	KK



**TRAFFIC SIGNAL SYSTEM AT
BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY
CONSTRUCTION PLAN
"MP" 29+20.00 TO "MP" 39+25.00
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS**

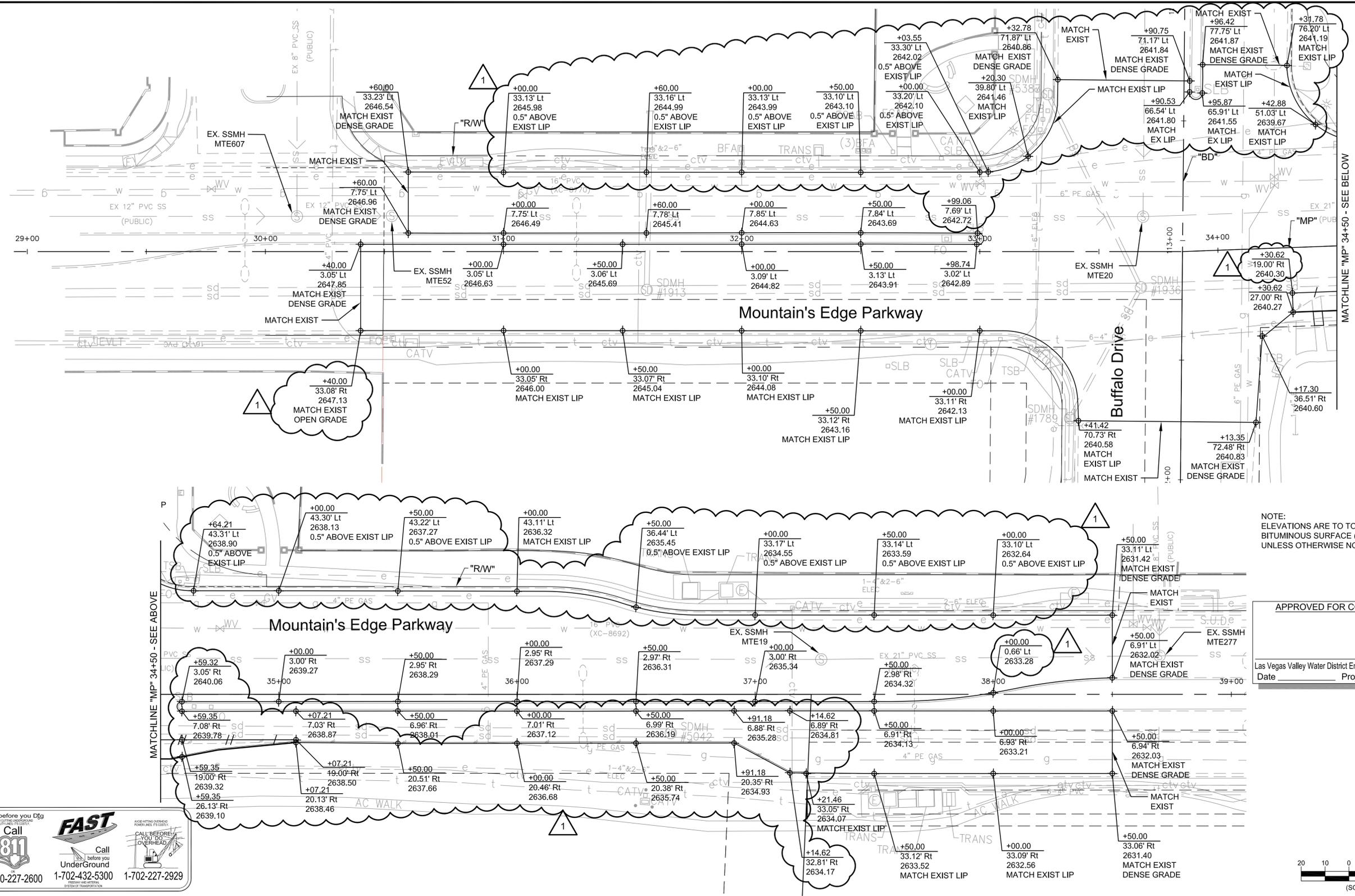


PROJECT No: 2000627 DRAWN BY: JPS
DESIGNED BY: CAB CHECKED BY: KK
APPROVED BY: SJD DATE: 05/24/2016

Louis Berger
444 East Warm Springs Road, Suite 118, Las Vegas, Nevada 89119
Phone: 702.736.6632 Fax: 702.736.0704

SCALE	HORIZ: AS SHOWN	SHEET No
VERT: NONE	FIELD BOOK: NONE	C-1
PROJECT NO. XXXXXX		L - 2113

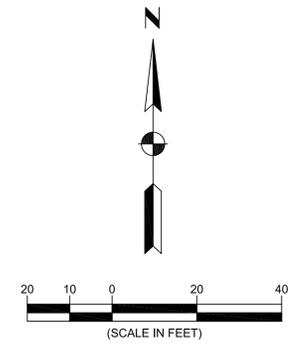
TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY



NOTE:
ELEVATIONS ARE TO TOP OF PLANT MIX
BITUMINOUS SURFACE (DENSE GRADE)
UNLESS OTHERWISE NOTED.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager
Date _____ Project No. 124301



PLOT DATE: Wednesday, May 25, 2016 2:10:48 PM Schimke, John
FILE NAME: C:\PROJECT\WSEB\NILL\EG2014\LB\USER\DD\186751\GP-1.DWG

Call before you Dig
Call before you Dig
Call before you Dig

FAST
Call before you UnderGround

1-800-227-2600 1-702-432-5300 1-702-227-2929

REV. NO.	DATE	DESCRIPTION	APPROVED
	5/27/16	ADDENDUM NO. 2	KK



**TRAFFIC SIGNAL SYSTEM AT
BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY
GEOMETRIC PLAN
"MP" 30+00.00 TO "MP" 39+00.00
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS**

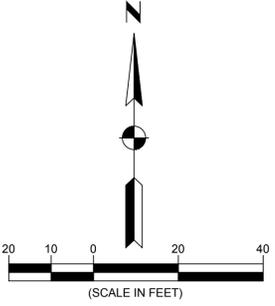


PROJECT No: 2000627 DRAWN BY: JPS
DESIGNED BY: CAB CHECKED BY: KK
APPROVED BY: SJD DATE: 05/24/2016

Louis Berger
444 East Warm Springs Road, Suite 118, Las Vegas, Nevada 89119
Phone: 702.736.6632 Fax: 702.736.0704

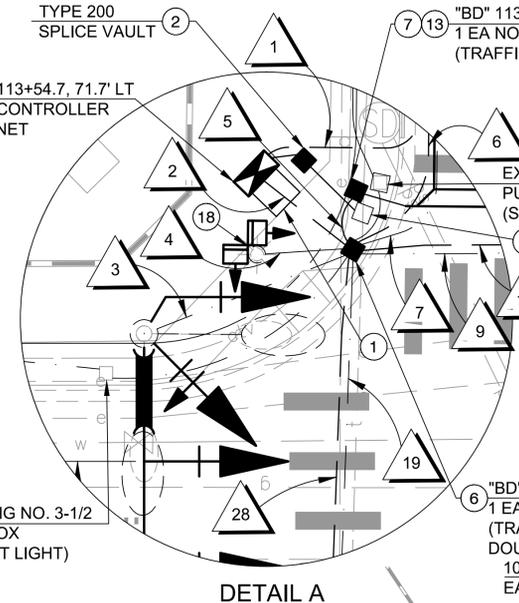
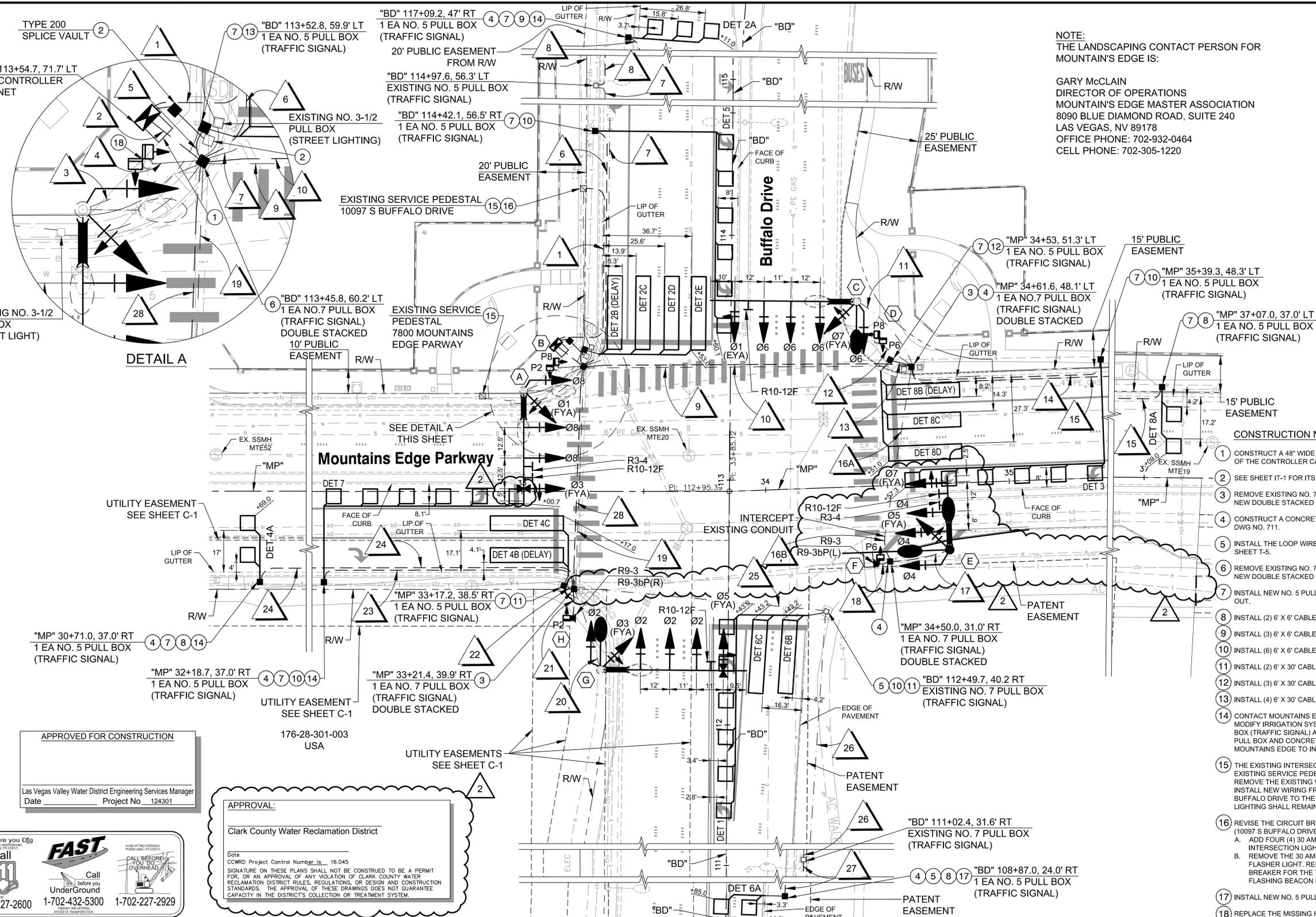
SCALE	SHEET No
HORIZ: AS SHOWN	GP-1
VERT: NONE	
FIELD BOOK: NONE	
PROJECT NO. XXXXXX	
	L - 2113

TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY



NOTE:
THE LANDSCAPING CONTACT PERSON FOR MOUNTAIN'S EDGE IS:

GARY McClAIN
DIRECTOR OF OPERATIONS
MOUNTAIN'S EDGE MASTER ASSOCIATION
8090 BLUE DIAMOND ROAD, SUITE 240
LAS VEGAS, NV 89178
OFFICE PHONE: 702-932-0464
CELL PHONE: 702-305-1220



- CONSTRUCTION NOTES:**
- CONSTRUCT A 48" WIDE X 4" INCH THICK CONCRETE SLAB FROM THE FRONT OF THE CONTROLLER CABINET FOUNDATION TO THE SIDEWALK.
 - SEE SHEET IT-1 FOR ITS INFORMATION.
 - REMOVE EXISTING NO. 7 PULL BOX (TRAFFIC SIGNAL) AND REPLACE WITH A NEW DOUBLE STACKED NO. 7 PULL BOX (TRAFFIC SIGNAL).
 - CONSTRUCT A CONCRETE COLLAR AROUND THE PULL BOX PER USDCCA DWG NO. 711.
 - INSTALL THE LOOP WIRES THROUGH THE PAVEMENT PER DETAIL C ON SHEET T-5.
 - REMOVE EXISTING NO. 7 PULL BOX (FIBER OPTICS) AND REPLACE WITH A NEW DOUBLE STACKED NO. 7 PULL BOX (TRAFFIC SIGNAL).
 - INSTALL NEW NO. 5 PULL BOX (TRAFFIC SIGNAL) WITH (2) 2" CONDUITS STUB OUT.
 - INSTALL (2) 6" X 6" CABLE-IN-DUCT LOOP DETECTORS.
 - INSTALL (3) 6" X 6" CABLE-IN-DUCT LOOP DETECTORS.
 - INSTALL (6) 6" X 6" CABLE-IN-DUCT LOOP DETECTORS.
 - INSTALL (2) 6" X 30" CABLE-IN-DUCT LOOP DETECTORS.
 - INSTALL (3) 6" X 30" CABLE-IN-DUCT LOOP DETECTORS.
 - INSTALL (4) 6" X 30" CABLE-IN-DUCT LOOP DETECTORS.
 - CONTACT MOUNTAINS EDGE TO REMOVE EXISTING LANDSCAPING AND MODIFY IRRIGATION SYSTEM, IF NEEDED, IN WAY OF THE NEW NO. 5 PULL BOX (TRAFFIC SIGNAL) AND CONCRETE COLLAR. UPON COMPLETION OF PULL BOX AND CONCRETE COLLAR INSTALLATION, COORDINATE WITH MOUNTAINS EDGE TO INSTALL NEW LANDSCAPING.
 - THE EXISTING INTERSECTION LIGHTING RECEIVES POWER FROM THE EXISTING SERVICE PEDESTAL AT 7800 MOUNTAINS EDGE PARKWAY. REMOVE THE EXISTING WIRING FOR THE INTERSECTION LIGHTING AND INSTALL NEW WIRING FROM THE EXISTING SERVICE PEDESTAL AT 10097 S BUFFALO DRIVE TO THE INTERSECTION LIGHTING. THE INTERSECTION LIGHTING SHALL REMAIN OPERATIONAL DURING PERIODS OF DARKNESS.
 - REVISE THE CIRCUIT BREAKERS IN THE EXISTING SERVICE PEDESTAL (10097 S BUFFALO DRIVE) AS FOLLOWS.
A. ADD FOUR (4) 30 AMP SINGLE POLE CIRCUIT BREAKERS FOR THE INTERSECTION LIGHTING.
B. REMOVE THE 30 AMP SINGLE POLE CIRCUIT BREAKER FOR THE NORTH FLASHER LIGHT. REPLACE IT WITH A 60 AMP SINGLE POLE CIRCUIT BREAKER FOR THE TRAFFIC SIGNAL. THE LUMINAIRE FOR THE NORTH FLASHING BEACON POLE WILL NOT BE POWERED AFTER THIS CHANGE.
 - INSTALL NEW NO. 5 PULL BOX (TRAFFIC SIGNAL).
 - REPLACE THE MISSING HANDHOLE COVER FOR POLE B.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager
Date _____ Project No. 124301

APPROVAL:

Clark County Water Reclamation District

Date _____
COWRD Project Control Number is 16.045
SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS. THE APPROVAL OF THESE DRAWINGS DOES NOT GUARANTEE CAPACITY IN THE DISTRICT'S COLLECTION OR TREATMENT SYSTEM.

Call before you Dig
Call 811
1-800-227-2600

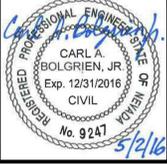
FAST
CALL BEFORE YOU DIG
1-702-432-5300

1-702-227-2929



**TRAFFIC SIGNAL SYSTEM AT
BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY**

TRAFFIC SIGNAL PLAN
BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



PROJECT No: 2000627
DESIGNED BY: VK
APPROVED BY: KK

DRAWN BY: GFV
CHECKED BY: CAB
DATE: 05/24/2016

Louis Berger
444 East Warm Springs Road, Suite 118, Las Vegas, Nevada 89119
Phone: 702.736.6632 Fax: 702.736.0704

SCALE	SHEET No
HORIZ: AS SHOWN	T-2
VERT: NONE	
FIELD BOOK: NONE	
PROJECT NO. XXXXXX	
	L - 2113

PLOT DATE: Wednesday, May 25, 2016 2:34:44 PM Schmalz, John
FILE NAME: C:\PROJECTS\BENRILL\B2014\LB\GUSERD0018827812.DWG

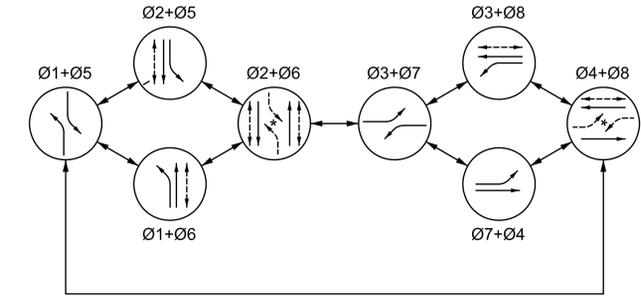
REV. NO.	DATE	DESCRIPTION	APPROVED
5/27/16	ADDENDUM NO. 2		KK

TRAFFIC SIGNAL POLE SCHEDULE

No.	STATION	POLE TYPE	SIGNAL ARM		LUMINAIRE ARM		VEHICLE SIGNALS		PEDESTRIAN SIGNALS		PEDESTRIAN BUTTON		FAST CCTV CAMERA	EMERGENCY VEHICLE DETECTOR	TRAFFIC SIGNS			RED LIGHT INDICATIONS			COMMENTS
			QUAD	LENGTH	QUAD	LENGTH	MOUNTING	QUAD	MOUNTING	QUAD	ARROW	QUAD			QUAD	TYPE	PHASE				
A	EXIST	XX-A-30	3	45'	EXIST	EXIST	(2) M-2 M-4 B2-43	MA MA 1	-	-	-	-	-	YES	R10-12F (30" X 36") - MA R3-4 (36" X 36") - MA	4	BLUE	Ø1	REPLACE 400W LUMINAIRES PER NOTES 400 AND 403 SEE DETAIL D FOR STREET NAME SIGN		
B	EXIST	1-A	-	-	-	-	-	-	W-3T	1	LT RT	2 3	-	-	(2) R10-3e (9" X 12") PUSH BUTTON	-	-	-	SEE NOTES 312 AND 313		
C	EXIST	XX-A-30	4	60'	EXIST	EXIST	(3) M-2 M-4 B2-43	MA MA 2	-	-	-	-	-	-	R10-12F (30" X 36") - MA	1	BLUE	Ø7	REPLACE 400W LUMINAIRE PER NOTES 400 AND 403 ADD LUMINAIRE ARM AND 400W LUMINAIRE PER NOTE 400 SEE DETAIL D FOR STREET NAME SIGN		
D	EXIST	1-A	-	-	-	-	-	-	W-3T	2	LT RT	3 4	-	-	(2) R10-3e (9" X 12") PUSH BUTTON	-	-	-	SEE NOTES 312 AND 313		
E	"BD" 112+72.4 90.7' RT	XX-A-30	1	30'	1	15'	(2) M-2 M-4 B2-43	MA MA 3	-	-	-	-	-	-	R10-12F (30" X 36") - MA R3-4 (36" X 36") - MA	2	BLUE	Ø5	SEE DETAIL F FOR STREET NAME SIGN		
F	"BD" 112+66.4 60.7' RT	1-A	-	-	-	-	-	-	W-0T	3	LT	4	-	-	R10-3e (9" X 12") PUSH BUTTON R9-3 (18" X 18") R9-3bP(L) (18" X 12")	-	-	-	SEE NOTES 312 AND 313 SEE DETAIL G FOR POLE FOUNDATION		
G	EXIST	XX-A-30	2	60'	EXIST	EXIST	(3) M-2 M-4 B2-43	MA MA 4	-	-	-	-	-	YES	R10-12F (30" X 36") - MA	3	BLUE	Ø3	REPLACE 400W LUMINAIRE PER NOTES 400 AND 403 ADD LUMINAIRE ARM AND 400W LUMINAIRE PER NOTE 400 SEE DETAIL D FOR STREET NAME SIGN		
H	"BD" 112+43.0, 63.8' LT	1-A	-	-	-	-	-	-	W-0T	4	RT	2	-	-	R10-3e (9" X 12") PUSH BUTTON R9-3 (18" X 18") R9-3bP(R) (18" X 12")	-	-	-	SEE NOTES 312 AND 313		

SIGNAL CONDUIT AND CABLE SCHEDULE

WIRE AND CABLE	FROM	TO	CABLE																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16A	16B	17	18	19	20	21	22	23	24	25	26	27
(3) #2 *	SERVICE PEDESTAL	CONTROLLER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 ** OPTICOM	CONTROLLER	POLE A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(3) #10 *	SERVICE PEDESTAL	POLE A LUMINAIRES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 **	CONTROLLER	POLE B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 **	CONTROLLER	POLE C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(3) #10 *	SERVICE PEDESTAL	POLE C LUMINAIRES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 **	CONTROLLER	POLE D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 **	CONTROLLER	POLE E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(3) #10 *	SERVICE PEDESTAL	POLE E LUMINAIRES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 **	CONTROLLER	POLE F	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 ** OPTICOM	CONTROLLER	POLE G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(3) #10 *	SERVICE PEDESTAL	POLE G LUMINAIRES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) 25 COND. #14 **	CONTROLLER	POLE H	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 2A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(4) LOOP LEAD-IN	CONTROLLER	DET 2B,2C,2D,2E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 4A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(2) LOOP LEAD-IN	CONTROLLER	DET 4B,4C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 6A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(2) LOOP LEAD-IN	CONTROLLER	DET 6B,6C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(1) LOOP LEAD-IN	CONTROLLER	DET 8A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
(3) LOOP LEAD-IN	CONTROLLER	DET 8B,8C,8D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



PHASE DIAGRAM
FLASHING OPERATION - ALL RED
OPTICOM PHASES 2, 4, 6 AND 8
PHASES 1, 3, 5, AND 7 SHALL OPERATE AS
FLASHING YELLOW ARROW
* PERMISSIVE LEFT TURNS

TRAFFIC SIGNAL LEGEND:

EXISTING	PROPOSED	OPTICOM DETECTOR
		TRAFFIC SIGNAL HEAD
		LEFT TURN TRAFFIC SIGNAL HEAD
		400 W LED LUMINAIRE
		MAST ARM MOUNTED SIGN
		PEDESTRIAN SIGNAL HEAD
		INTERNALLY ILLUMINATED STREET NAME SIGN
		POLE
		CONTROLLER CABINET
		SERVICE PEDESTAL
		PULL BOX
		CONDUIT

STREET NAME SIGNS

POLE	SIGN LEGEND
A	S Buffalo DR 10000
C	W Mountains Edge PKWY 7700
E	S Buffalo DR 10100
G	W Mountains Edge PKWY 7800

LETTERS FOR STREET NAME "Buffalo" SHALL BE 12" SERIES D.
LETTERS FOR STREET NAME "Mountains Edge" SHALL BE 10" SERIES B.

Call before you Dig
Call 811
FAST
Call before you UnderGround
1-800-227-2600 1-702-432-5300 1-702-227-2929

PLOT DATE: Wednesday, May 25, 2016 2:13:45 PM Schimkz, John
FILE NAME: C:\PROJECT\WSE\BILLS\1414\BU\SERV\001882701-T3.DWG

REV. NO.	DATE	DESCRIPTION	APPROVED
5/27/16		ADDENDUM NO. 2	KK



TRAFFIC SIGNAL SYSTEM AT
BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY
TRAFFIC SIGNAL SCHEDULES
BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

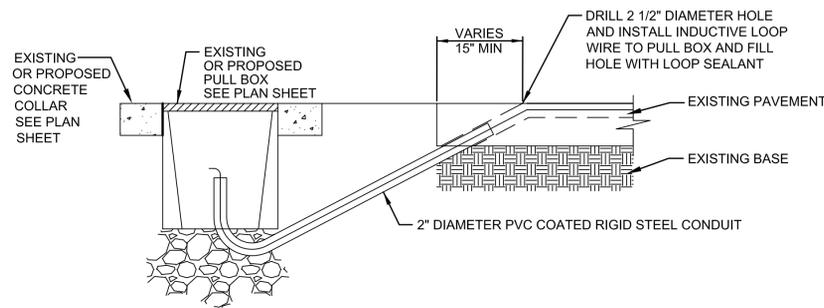


PROJECT No: 2000627 DRAWN BY: JPS
DESIGNED BY: VK CHECKED BY: CAB
APPROVED BY: KK DATE: 05/24/2016

Louis Berger
444 East Warm Springs Road, Suite 118, Las Vegas, Nevada 89119
Phone: 702.736.6632 Fax: 702.736.0704

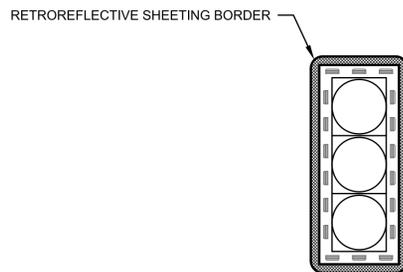
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HORIZ: NONE	T-3
VERT: NONE	
FIELD BOOK: NONE	
PROJECT NO: XXXXXX	
	L - 2113

TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY



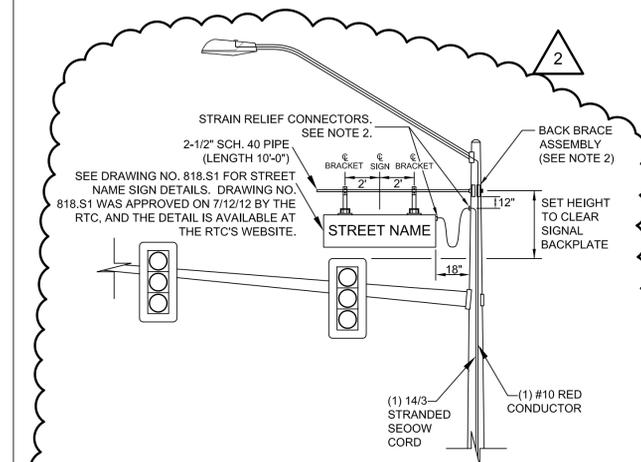
C TEMPORARY INSTALLATION OF LOOP WIRES THROUGH PAVEMENT NOT TO SCALE

NOTE:
CUT A SLOT IN THE EDGE OF THE ROADWAY OF SUFFICIENT SIZE AND DEPTH TO SNUGLY PLACE THE END OF THE PVC COATED RIGID STEEL CONDUIT. THE END OF THE CONDUIT SHALL BE AT LEAST 12" INTO THE ROADWAY AND 3" BELOW THE TOP OF THE ROADWAY SURFACE. THE DEPARTURE ANGLE OF THE CONDUIT FROM THE ROADWAY SHALL BE 30 TO 45 DEGREES.



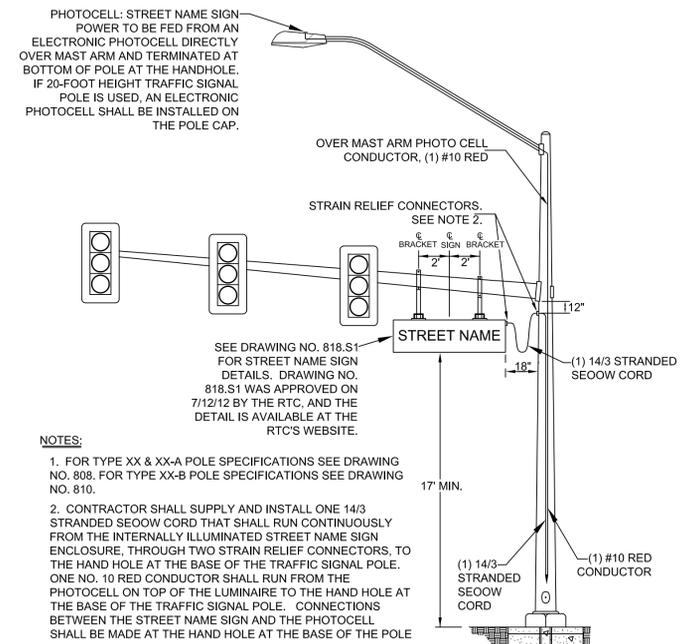
E BACKPLATE WITH RETROREFLECTIVE SHEETING BORDER NOT TO SCALE

- NOTES:
1. ALL MAST ARM MOUNTED TRAFFIC SIGNAL BACKPLATES SHALL HAVE A 2-INCH RETROREFLECTIVE ADHESIVE SHEETING BORDER ON THE ENTIRE OUTER PERIMETER OF THE FRONT SIDE OF THE BACKPLATE.
 2. RETROREFLECTIVE SHEETING SHALL BE FLUORESCENT YELLOW, ASTM TYPE IV OR BETTER.
 3. THE RETROREFLECTIVE SHEETING BORDER SHALL HAVE A MINIMUM OF 1/8 INCH CLEARANCE FROM ALL LOUVERS. NO RETROREFLECTIVE SHEETING SHALL BE PLACED OVER ANY LOUVERED AREA.
 4. RETROREFLECTIVE SHEETING BORDER SHALL BE INSTALLED BY THE MANUFACTURER, AND MODIFICATIONS SHALL NOT BE MADE BY THE CONTRACTOR.
 5. THE BACKPLATE WITH RETROREFLECTIVE SHEETING BORDER SHALL BE FROM THE SAME MANUFACTURER AS THE SIGNAL HEAD ASSEMBLY. THE COMPLETE SIGNAL HEAD ASSEMBLY INCLUDING THE BACKPLATE, SHALL BE CAPABLE OF WITHSTANDING WINDS OF 90 MPH WITHOUT DAMAGE OR SEPARATION OF ANY PARTS FROM THE SIGNAL HEAD ASSEMBLY.
 6. PICTURE SHOWN IS AN EXAMPLE OF A THREE SECTION HEAD. OVERALL LENGTH OF THE BACKPLATE AND NUMBER OF LOUVERS WILL VARY FOR OTHER SIGNAL HEAD ASSEMBLIES.



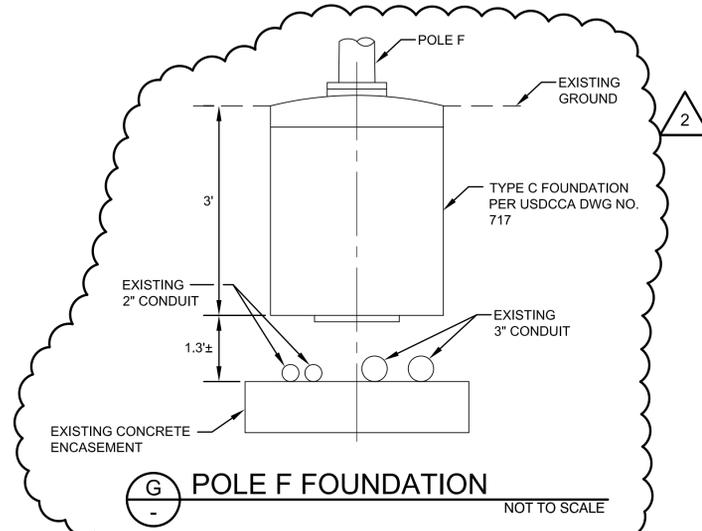
F TRAFFIC SIGNAL POLE WITH ILLUMINATED STREET NAME SIGN DETAIL FOR POLE E NOT TO SCALE

- NOTES:
1. SEE DETAIL D FOR INFORMATION THAT IS NOT PROVIDED.
 2. BACK BRACE ASSEMBLY SHALL BE SIMILAR TO DETAIL A IN USDCCA DWG NO. 814, AND LARGE ENOUGH TO ACCOMMODATE THE DIAMETER OF THE XX-A POLE.



D TRAFFIC SIGNAL POLE WITH ILLUMINATED STREET NAME SIGN DETAIL FOR POLES A, C, AND G NOT TO SCALE

- NOTES:
1. FOR TYPE XX & XX-A POLE SPECIFICATIONS SEE DRAWING NO. 808. FOR TYPE XX-B POLE SPECIFICATIONS SEE DRAWING NO. 810.
 2. CONTRACTOR SHALL SUPPLY AND INSTALL ONE 14/3 STRANDED SEOWW CORD THAT SHALL RUN CONTINUOUSLY FROM THE INTERNALLY ILLUMINATED STREET NAME SIGN ENCLOSURE, THROUGH TWO STRAIN RELIEF CONNECTORS, TO THE HAND HOLE AT THE BASE OF THE TRAFFIC SIGNAL POLE. ONE NO. 10 RED CONDUCTOR SHALL RUN FROM THE PHOTOCELL ON TOP OF THE LUMINAIRE TO THE HAND HOLE AT THE BASE OF THE TRAFFIC SIGNAL POLE. CONNECTIONS BETWEEN THE STREET NAME SIGN AND THE PHOTOCELL SHALL BE MADE AT THE HAND HOLE AT THE BASE OF THE POLE.
 3. THE STRAIN RELIEF CONNECTORS SHALL BE STRAIGHT ALUMINIUM DELUXE CORD GRIP/STRAIN RELIEF CONNECTORS THAT ARE COMPATIBLE WITH A 0.005-INCH TO 0.625-INCH CORD DIAMETER. STRAIN RELIEF CONNECTOR SHALL BE HUBBELL F2 OR AN APPROVED EQUIVALENT BY THE TRAFFIC MANAGER.
 4. THE SEOWW CORD SHALL HAVE THREE (3) NO. 14 AWG CONDUCTORS (BLACK, GREEN AND WHITE), AND HAVE THERMOPLASTIC ELASTOMER (TPE) INSULATION AND THERMOPLASTIC ELASTOMER (TPE) JACKET. THE SEOWW CORD SHALL BE WATER-RESISTANT, UL LISTED, RATED FOR 600 VOLTS, WITH TEMPERATURE RANGE FROM 105 DEGREES CELSIUS TO -50 DEGREES CELSIUS. SEOWW CORD SHALL BE CCI SEOPRENE 105 14 AWG 3/C SEOWW E54864 OR AN APPROVED EQUIVALENT BY THE TRAFFIC MANAGER.



G POLE F FOUNDATION NOT TO SCALE

PLOT DATE: Wednesday, May 25, 2016 2:14:13 PM Schimlek, John
FILE NAME: C:\PROJECT\WSEB\818162014\LB\USER\DD01882701-5.DWG

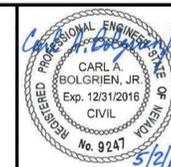
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TRAFFIC SIGNAL SYSTEM AT
BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY
TRAFFIC SIGNAL DETAILS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



PROJECT No: 2000627
DESIGNED BY: VK
APPROVED BY: KK

DRAWN BY: GFV
CHECKED BY: CAB
DATE: 05/24/2016

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444 East Warm Springs Road, Suite 118, Las Vegas, Nevada 89119
Phone: 702.736.6632 Fax: 702.736.0704

SCALE	SHEET No
HORIZ: NONE	T-5
VERT: NONE	
FIELD BOOK NONE	
PROJECT NO. XXXXXX	
	L - 2113

TRAFFIC SIGNAL SYSTEM AT BUFFALO DRIVE AND MOUNTAINS EDGE PARKWAY