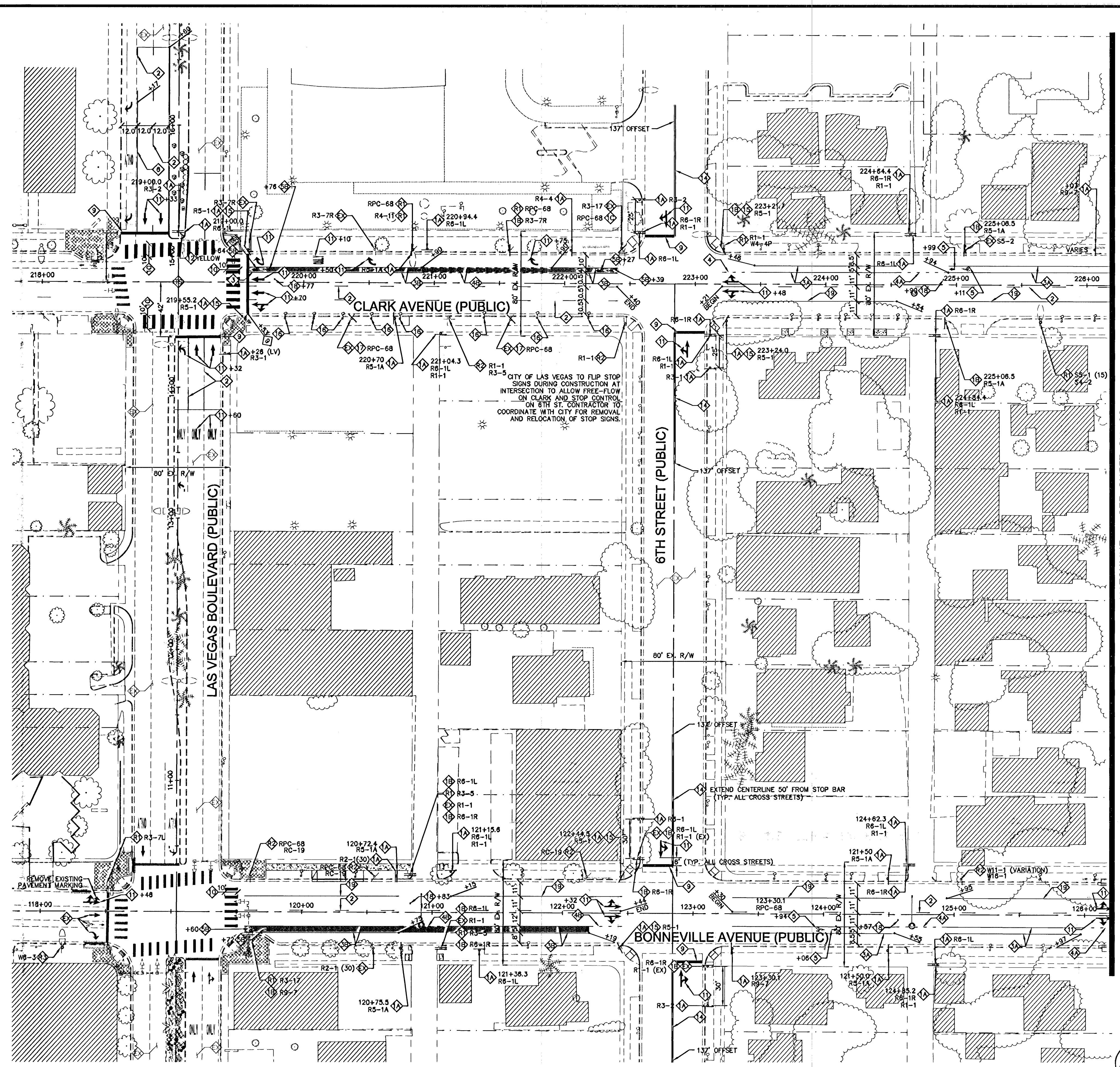
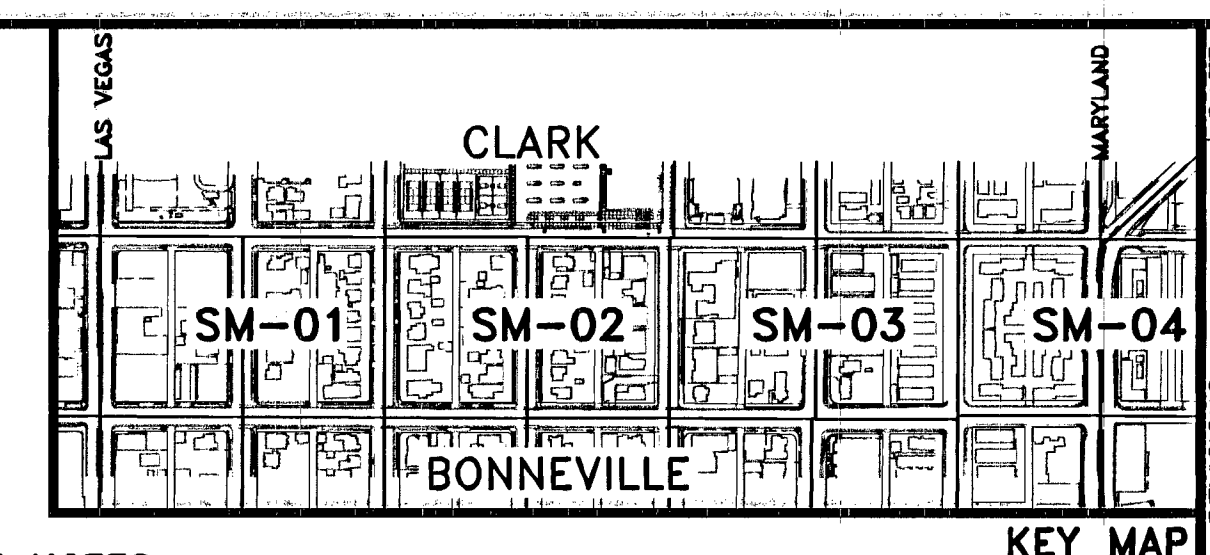


Sep 13, 2012 4:20pm - USER: Michael.Holway  
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MATCHLINE ~ SEE SHEET SM-02



**CONSTRUCTION NOTES**

- CRACK AND SLURRY SEAL EXISTING ASPHALT SURFACE, TO LIMITS SHOWN ON PLANS, AFTER ALL TRENCH WORK HAS BEEN COMPLETED. EXISTING STRIPING AND RPM'S HAVE BEEN COMPLETED REMOVED, AND PRIOR TO THE INSTALLATION OF ANY STRIPING SHOWN HERE WITHIN.
- INSTALL GREEN BIKE LANE (PERFORMED THERMOPLASTIC MARKING FILM)
- EXISTING SIGN SHALL REMAIN.
- EXISTING PAVEMENT MARKING SHALL REMAIN.
- TRAFFIC SIGNAL CONTROLLED INTERSECTION, SEE TS SHEETS FOR ADDITIONAL SIGNAGE.
- INSTALL NEW SIGN(S) WITH ENCAPSULATED LENS RETROREFLECTIVE SHEETING (CLASS 8 REFLECTIVE SHEETING OR APPROVED EQUAL). SIGN(S) SHALL BE GROUND MOUNTED ON POST (PER CCAUSD No. 249A).
- INSTALL NEW SIGN(S) WITH ENCAPSULATED LENS RETROREFLECTIVE SHEETING (CLASS 8 REFLECTIVE SHEETING OR APPROVED EQUAL). SIGN(S) SHALL BE MOUNTED ON EXISTING STREET LIGHT POLE.
- INSTALL TYPE 4 LANE LINE PER CCAUSD No. 244.1 (POLYUREA WHITE PAINT).
- INSTALL 8" BICYCLE LANE LINE (POLYUREA WHITE PAINT) PER CCAUSD No. 244.9.
- INSTALL 6" BICYCLE LANE LINE (PERFORMED THERMOPLASTIC MARKING FILM) PER CCAUSD No. 244.9.
- INSTALL 8"x2" BIKE SKIP LINE 8" ON CENTER BICYCLE LANE LINE (POLYUREA WHITE PAINT) PER CCAUSD No. 244.9.
- INSTALL 8"x2" BIKE SKIP LINE 8" ON CENTER BICYCLE LANE LINE (PERFORMED THERMOPLASTIC MARKING FILM) PER CCAUSD No. 244.9.
- INSTALL BIKE PAVEMENT LEGEND (WHITE PAVEMENT MARKING FILM) PER CCAUSD No. 244.9. LEGEND SHALL BE CENTERED IN BIKE LANE AS ANNOTATED.
- INSTALL BIKE PAVEMENT LEGEND (THERMOPLASTIC MARKING FILM).
- INSTALL 8" (POLYUREA WHITE PAINT) STORAGE LANE LINE PER CCAUSD No. 248.
- INSTALL DROP LANE LINE PER CCAUSD 248.8 (POLYUREA WHITE PAINT).
- INSTALL MEDIAN NOSE MARKINGS PER CCAUSD No. 248. ANY MEDIAN 2 FEET OR LESS IN WIDTH, OR AS DIRECTED BY THE ENGINEER, SHALL BE PAINTED THE SAME COLOR AS ITS CORRESPONDING MEDIAN NOSE.
- INSTALL STOP BAR (WHITE PAVEMENT MARKING FILM) PER CCAUSD No. 254.
- INSTALL CROSSWALK LINES (WHITE PAVEMENT MARKING FILM) PER CCAUSD No. 254.
- INSTALL PAVEMENT LEGEND (WHITE PAVEMENT MARKING FILM) PER CCAUSD No. 248.8. LEGEND SHALL BE CENTERED IN LANE AS ANNOTATED.
- INSTALL MEDIAN NOSE MARKINGS PER CCAUSD No. 248.
- INSTALL 8" (POLYUREA WHITE PAINT) SHOULDER STRIPE 1' FROM EDGE OF PAVEMENT.
- INSTALL TYPE 1 CENTERLINE (POLYUREA YELLOW PAINT) PER CCAUSD No. 244.
- INSTALL SIGN AT 20° ANGLE.
- REMOVE AND SALVAGE EXISTING PARKING METER. CLV PARKING ENFORCEMENT TO REMOVE HEADS, CONTRACTOR TO REMOVE POSTS.
- ROTATE SIGN PANEL TO OPPOSITE DIRECTION ON EXISTING POST.
- INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKERS. MARKER TO BE INSTALLED AT CENTER OF LANE.
- INSTALL 4" (POLYUREA WHITE PAINT) EDGE LINE.
- INSTALL POLYUREA WHITE PAINT 'CAT TRACKS' PER DETAIL, SHEET SM-05.
- INSTALL K-71 SELF-ERECTING MARKER POST.
- REMOVE AND SALVAGE EXISTING SIGN, PROTECT-IN-PLACE EXISTING POST.
- REMOVE AND SALVAGE EXISTING SIGN, REMOVE AND DISPOSE EXISTING POST AND FOUNDATION.
- REMOVE AND SALVAGE EXISTING SIGN, PROTECT-IN-PLACE EXISTING STREET LIGHT POLE.

**GENERAL NOTES**

1. CONTRACTOR SHALL REMOVE ANY EXISTING STRIPING THAT CONFLICTS WITH THE PROPOSED STRIPING.
2. IF IN THE EVENT AN EXISTING SIGN IS FOUND IN THE FIELD THAT CONTRADICTS THE PROPOSED IMPROVEMENTS CONTRACTOR SHALL CONTACT DESIGN ENGINEER FOR FURTHER DIRECTION.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
4. ALL DIMENSIONS ARE FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
5. REFER TO SHEET SM-05 FOR SIGNING AND MARKING RELATED DETAILS AND ESTIMATED QUANTITIES.
6. REFER TO SHEET SM-05 FOR SIGNING AND MARKING SCHEDULES INCLUDING DESIGNATIONS, SYMBOLS, AND SIZES.
7. STREET NAME SIGNS SHALL BE INSTALLED AT EVERY INTERSECTION WITHIN THE PROJECT LIMITS, PER CCAUSD No. 249 AND 250.
8. THE CONTRACTOR SHALL REFER TO RD SHEETS FOR LIMITS OF UTACS/DENSE GRADE IMPROVEMENTS.
9. CITY OF LAS VEGAS TO FLIP STOP SIGNS DURING CONSTRUCTION AT INTERSECTIONS OF 6TH ST., 10TH ST. AND 11TH ST. ALONG CLARK AVENUE WHERE VEHICLE TRAFFIC IS CURRENTLY FREE FLOWING CROSS STREETS AND STOP CONTROLLED ON CLARK. CONTRACTOR TO COORDINATE WITH THE CITY FOR REMOVAL AND RELOCATION OF STOP SIGNS AT THESE INTERSECTIONS.

**BASIS OF BEARING**

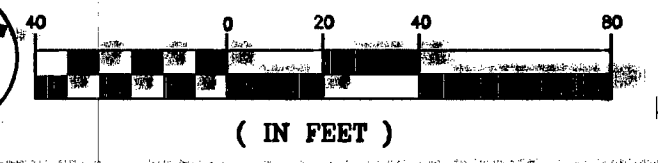
THE BASIS OF BEARINGS FOR THIS SURVEY IS GRID NORTH AS DEFINED BY THE NORTH AMERICAN DATUM OF 1983 (NAD 83), NEVADA STATE PLANE EAST (2701) ZONE. SAID BEARINGS WERE DETERMINED BY STATIC GLOBAL POSITIONING SYSTEM (GPS) MEASUREMENTS PROCESSED BY THE NATIONAL GEODETIC SURVEY DIVISION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION USING THE ON-LINE POSITIONING USER SERVICE (OPUS). THE REFERENCE FRAME USED WAS NAD83 (GORS96) WITH AN EPOCH OF 2002.0000. ALL DISTANCES SHOWN HEREON ARE GROUND VALUES.

**BENCHMARK**

CITY OF LAS VEGAS VERTICAL CONTROL POINT '6001 345WS' BEING A RIVET & PLATE IN TOP OF CURB ON THE EAST SIDE OF MAIN BETWEEN BONNEVILLE & GARCES @ LIGHT POLE.  
 ELEVATION: 2027.08 (FEET)  
 617.8544 (METERS)

CITY OF LAS VEGAS VERTICAL CONTROL DATED 06/2002 BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

GRAPHIC SCALE



**SAFETY ALERT**  
 Call Before You Dig  
 Overhead  
 Call before you dig! 702-227-2929

UnderGround  
 Call before you dig! 1-702-432-5300

REVISIONS DATE: OCTOBER 2010 CHECKED BY: KWA DESIGNED BY: PNM DRAWN BY: WW	SCALE (H): 1" = 40' SCALE (V): N/A SCALE (S): N/A	<b>Kimley-Horn and Associates, Inc.</b> Engineering, Planning, and Environmental Consultants 2080 E. Flamingo Road, Suite 210, Las Vegas, NV 89119 PH: 702.734.4444 FAX: 702.734.4444	DATE: OCTOBER 2010 SHEET: SM-01 SHEET 21 OF 47 DRAWING NO: 107V5541
		<b>DEPARTMENT OF PUBLIC WORKS</b> BONNEVILLE/CLARK ONEWAY COUPLLET PHASE II IMPROVEMENT PLANS SIGNING AND MARKING SHEET 01	

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