

DEPARTMENT OF PUBLIC WORKS



AS-BUILT
DOWNTOWN PEDESTRIAN AND
BICYCLE IMPROVEMENTS

6TH ST-BIKE LANES
CHARLESTON BLVD TO STEWART AVE

BID NUMBER: 12.1730.01

Mayor:
CAROLYN G. GOODMAN

City Council:
STAVROS S. ANTHONY, MAYOR PRO-TEM
STEVE WOLFSON
LOIS TARKANIAN
STEVEN D. ROSS
RICKI Y. BARLOW
BOB COFFIN

City Manager:
ELIZABETH N. FRETWELL

Director of Public Works:
JORGE CERVANTES, P.E., P.T.O.E.

City Engineer:
DAVID BOWERS, P.E., P.T.O.E.

FUNDED BY:
FEDERAL CONGESTION MITIGATION AIR QUALITY FUNDS

REVIEWED

<i>[Signature]</i>	7-12-11
City Engineer	Date
<i>[Signature]</i>	9-12-11
Construction Management	Date
<i>[Signature]</i>	9-12-11
Project Manager	Date
<i>[Signature]</i>	9-12-11
City Traffic Engineer	Date
<i>[Signature]</i>	08/22/11
Las Vegas Valley Water District	Date
Project # 116880	
SHEETS R1	

REVISIONS	NO	DESCRIPTION	SHTS	BY	DATE
	1	AS-BUILT			
SCALE (H): NONE	SCALE (V): NONE	SCALE (S): NONE	SCALE (T): NONE	SCALE (U): NONE	SCALE (V): NONE
DRAWN BY: VIN	DATE: 8/19/2011	DESIGN BY: LHM/RCH	DATE: 8/19/2011	W.D. #: 7350	DESIGN BY: LHM/RCH
2727 S. RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 PHONE (702) 873-7550 FAX (702) 362-2597 WEBSITE WWW.VINNY.COM					
DEPARTMENT OF PUBLIC WORKS					
PROJECT: DOWNTOWN PEDESTRIAN AND BICYCLE IMPROV-6TH ST					
SHEET: COVER SHEET					
DRAWING NO. 107V5664 I1					

CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.

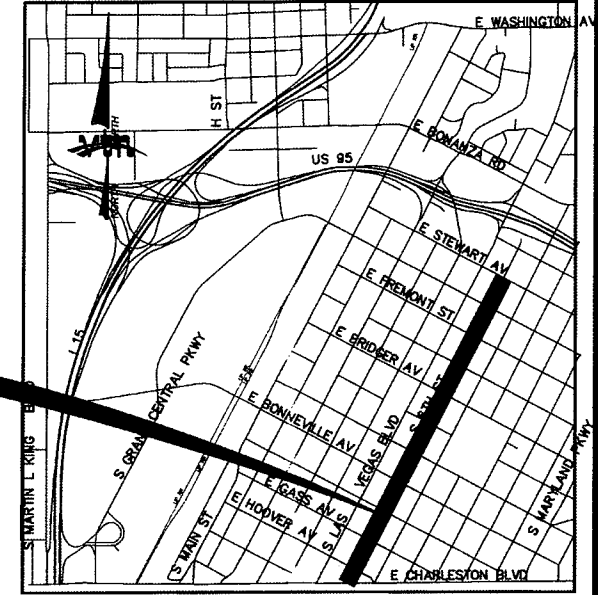
GENERAL LEGEND

	EXISTING CURB & GUTTER		PROPOSED CURB & GUTTER
	EXISTING EDGE OF PAVEMENT		PROPOSED EDGE OF PAVEMENT
	EXISTING RIGHT-OF-WAY		PROPOSED FENCE LINE
	EXISTING CABLE TELEVISION LINE(S)		PROPOSED STORM DRAIN
	EXISTING GAS LINE (SIZE VARIES)		PROPOSED DROP INLET
	EXISTING SEWER LINE (SIZE VARIES)		PROPOSED WATER METER
	EXISTING WATER LINE (SIZE VARIES)		PROPOSED VALVE
	EXISTING TELEPHONE CABLE/CONDUIT(S)		PROPOSED FIRE HYDRANT
	EXISTING STORM DRAIN (SIZE VARIES)		PROPOSED STREET SIGN
	EXISTING TRAFFIC SIGNAL WIRE AND/OR CONDUIT		PROPOSED STREET LIGHT
	EXISTING UNDERGROUND ELECTRIC LINE(S)		PROPOSED POLE LIGHT
	EXISTING FENCE LINE		PROPOSED PULL BOX
	EXISTING WATER METER		PROPOSED UTILITY VAULT OR CABINET
	EXISTING VALVE		PROPOSED TRAFFIC CONTROL SERVICE PEDESTAL
	EXISTING FIRE HYDRANT		PROPOSED SIDEWALK RAMP
	EXISTING MANHOLE		
	EXISTING POLE w/ GUY WIRE AND ANCHOR		
	EXISTING STREET SIGN		
	EXISTING STREET LIGHT		
	EXISTING POLE LIGHT		
	EXISTING PULL BOX		
	EXISTING UTILITY VAULT OR CABINET		
	EXISTING TRAFFIC CONTROL SERVICE PEDESTAL		
	EXISTING SIDEWALK RAMP		
	EXISTING CATHODIC TEST STATION		
	EXISTING COMBINATION AIR VALVE		

ABBREVIATIONS

ABAN or ABN	ANODE, GAS	DWY	DRIVEWAY	L	LENGTH OF CURVE	RP	RADIUS POINT
AC	ABANDON	E or ELEC	ELECTRIC	LP	LOW POINT	RT	RIGHT
ACP	ASPHALTIC CONCRETE	EBOX	ELECTRIC BOX	LT	LEFT	RTN	RETURN
AGG	ASBESTOS CEMENT PIPE	EC	END OF CURVE	LVWD	LAS VEGAS VALLEY WATER DISTRICT	R/W	RIGHT-OF-WAY
AIP	AGGREGATE	ECR	END CURB RETURN			RWDS	RECLAIMED WATER DELIVERY SYSTEM
ALT	ABANDONED IN PLACE	ELEV or EL	ELEVATION	MAX	MAXIMUM	S	SEWER
ANG PT	ALTERNATE	EM	ELECTRIC METER	MH	MANHOLE	SD	STORM DRAIN
AVE	ANGLE POINT	EMBK	EMBANKMENT	MIN	MINIMUM	SDMH	STORM DRAIN MANHOLE
	AVENUE	EMTR	ELECTRIC METER	MLCP	MORTAR LINED AND COATED STEEL PIPE	SHT	SHEET
		EP	EDGE OF PAVEMENT	MO	MODIFIED	SLBP	STREETLIGHT PULL BOX
BC	BACK OF CURB	ESMT	EASEMENT	NG	NATURAL GROUND	SSMH	SANITARY SEWER MANHOLE
BC-BC	BACK OF CURB TO BACK OF CURB	ETRAIN	ELECTRIC TRANSFORMER	N/O	NORTH OF	SL or STLT	STREET LIGHT
BOR	BEGIN CURB RETURN	EVC	END OF VERTICAL CURVE	NTS	NOT TO SCALE	SS	SANITARY SEWER
BDRY LINE	BOUNDARY LINE	EVC2	END OF VERTICAL CURVE ELEVATION			SQ FT, SF	SQUARE FOOT
BHDI	BEEHIVE DROP INLET	EVS	END OF VERTICAL CURVE STATION	OC	ON CENTER	SQ YD, SY	SQUARE YARD
BLVD	BOULEVARD	EVL7	ELECTRIC VAULT	OG	OPEN-GRADED PAVEMENT	ST	STREET
BM	BENCH MARK	EX	EXISTING	OH/CATV	OVERHEAD CABLE TELEVISION	STA	STATION
	BLOW-OFF	EX BLDG	EXISTING BUILDING CORNER	OHE	OVERHEAD ELECTRIC	STD	STANDARD
BVC	BEGINNING OF VERTICAL CURVE	EX FNC	EXISTING FENCE	OHT	OVERHEAD TELEPHONE	STRUCT	STRUCTURAL OR STRUCTURE
BVCN	BEGINNING OF VERTICAL CURVE ELEVATION	EX FNC-COR	EXISTING FENCE CORNER	P	POWER	SW	SIDEWALK
BVCS	BEGINNING OF VERTICAL CURVE STATION	EX LS	EXISTING LANDSCAPE	PB	PULL BOX	T	TELEPHONE
		EX TC-AP	TOP OF CURB - ANGLE POINT	PC	POINT OF CURVE	TBC	TOP BACK OF CURB
CATV	CABLE TELEVISION	FA	FIRE ALARM	PCC	POINT OF COMPOUND CURVE	TBOX	TELEPHONE BOX
CATVRSR	CABLE TELEVISION RISER	FC	FACE OF CURB	PCC, CONC	PORTLAND CEMENT CONCRETE	TC	TOP OF CURB
C-C	CENTER TO CENTER	FF	FINISH FLOOR	PED	PEDESTRIAN	TEMP	TEMPORARY
CCSD	CLARK COUNTY	FG	FINISH GRADE	PG	PROFILE GRADE	TFC	TOP FACE OF CURB
& or CL	CENTERLINE	FH	FIRE HYDRANT	PI	POINT OF INTERSECTION	TG	TOP OF GRATE
CF	CURB FACE	I	FLOWLINE	PKWY	PARKWAY	TMH	TELEPHONE MANHOLE
CP	CAST IRON PIPE	FO	FIBER OPTIC	R	PROPERTY LINE	TOE	BOTTOM OF SLOPE
CLV	CITY OF LAS VEGAS	FT	FEET OR FOOT	PP	POWER POLE	TOS	TOP OF SLAB
CMF	CORRUGATED METAL PIPE	FUT	FUTURE	POC	POINT ON CURVE	TPFC	TOP OF PAVEMENT @ FACE OF CURVE
CMAP	CORRUGATED METAL ARCHED PIPE			POT	POINT ON TANGENT	TRSR	TELEPHONE RISER
CNLV	CITY OF NORTH LAS VEGAS	GALV	GALVANIZED	PRC	POINT OF REVERSE CURVE	TS	TRAFFIC SIGNAL
COL	CLEANOUT, SEWER	GB	GRADE BREAK	PROP	PROPOSED	TSI	TRAFFIC SIGNAL INTERCONNECT
COMM	COLUMN	GI	GRATED INLET	PT	POINT OF TANGENCY	TSPB	TRAFFIC SIGNAL PULL BOX
CONC, PCC	COMMERCIAL	GM	GAS METER	PV	POINT OF VERTICAL INTERSECTION	TWLT	TELEPHONE VAULT
CONST	CONCRETE	GUT	GUTTER	PVMT	PAVEMENT	TW	TOP OF WALL
COR	CONSTRUCTION or CONSTRUCT	GV	GAS VALVE	R	RADIUS	TYP	TYPICAL
CURB or C/G	CORNER	HRCP	HORIZ ELLIPTICAL	RC	REINFORCED CONCRETE	UG	UNDERGROUND
CULV	CURB & GUTTER		REINFORCED CONCRETE PIPE	RCB	REINFORCED CONCRETE BOX	USD	UNIFORM STD DWG
	CULVERT	HDWL	HEADWALL	RCP	REINFORCED CONCRETE PIPE	VERCP	VERT ELLIPTICAL REINF CONC PIPE
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WASTE	HORIZ	HORIZONTAL	RCAP	REINFORCED CONCRETE ARCHED PIPE	VERT	VERTICAL
	STANDARDS FOR WASTE	HP	HIGH POINT	RD	ROAD	VC	VERTICAL CURVE
	WATER COLLECTION SYSTEMS	IE	INVERT ELEVATION	RINF	REINFORCED	VCC	VALLEY CUTTER
DEPT	DEPARTMENT	IN	INCH	RGRCP	RUBBER GASKETED	VCP	WTRIFIED CLAY PIPE
DI	DROP INLET	INT	INTERSECTION		REINFORCED CONCRETE PIPE		
DIA	DIAMETER	INV	INVERT	RGHERCP	RUBBER GASKETED HORIZONTAL ELLIPTICAL		
DWG	DRAWING	ISL	ISLAND		REINFORCED CONCRETE PIPE		
		IMP	IMPROVEMENT(S)	RGVERCP	RUBBER GASKETED VERTICAL ELLIPTICAL		

W	WATER
W/	WITH
WBO	WATER BLOW-OFF VALVE
WM	WATER METER
WMH	WATER VAULT MANHOLE
W/O	WEST OF
WV	WATER VALVE
YD	YARD



VICINITY MAP

<u>SHEET #</u>	<u>DRAWING INDEX</u>
1	I1 COVER SHEET
2	I2 LEGEND, DRAWING INDEX, ABBREVIATIONS & VICINITY MAP
3	I3 GENERAL NOTES
4-7	RP1 - RP4 REMOVAL PLAN
8	R1 ROADWAY PLAN
9-12	T1 - T4 STRIPING AND SIGNING PLAN

PUBLIC WORKS DEPARTMENT
333 N. RANCHO DRIVE



**LEGEND, DRAWING INDEX,
ABBREVIATIONS & VICINITY MAP**

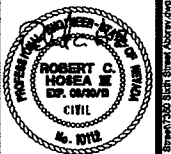
**DOWNTOWN PED AND BICYCLE IMP
6TH STREET
CHARLESTON BLVD TO STEWART AVE**

DRAWN BY: _____ 8/19/2011
 DAM _____
 DESIGNED BY: _____ 8/19/2011
 LAW/ARCH _____
 CHECKED BY: _____ 8/19/2011
 RCH _____
 PROJECT NO: SCALE HORIZ N/A
 73950 VERT. N/A

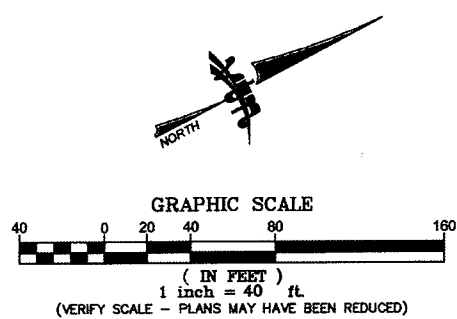
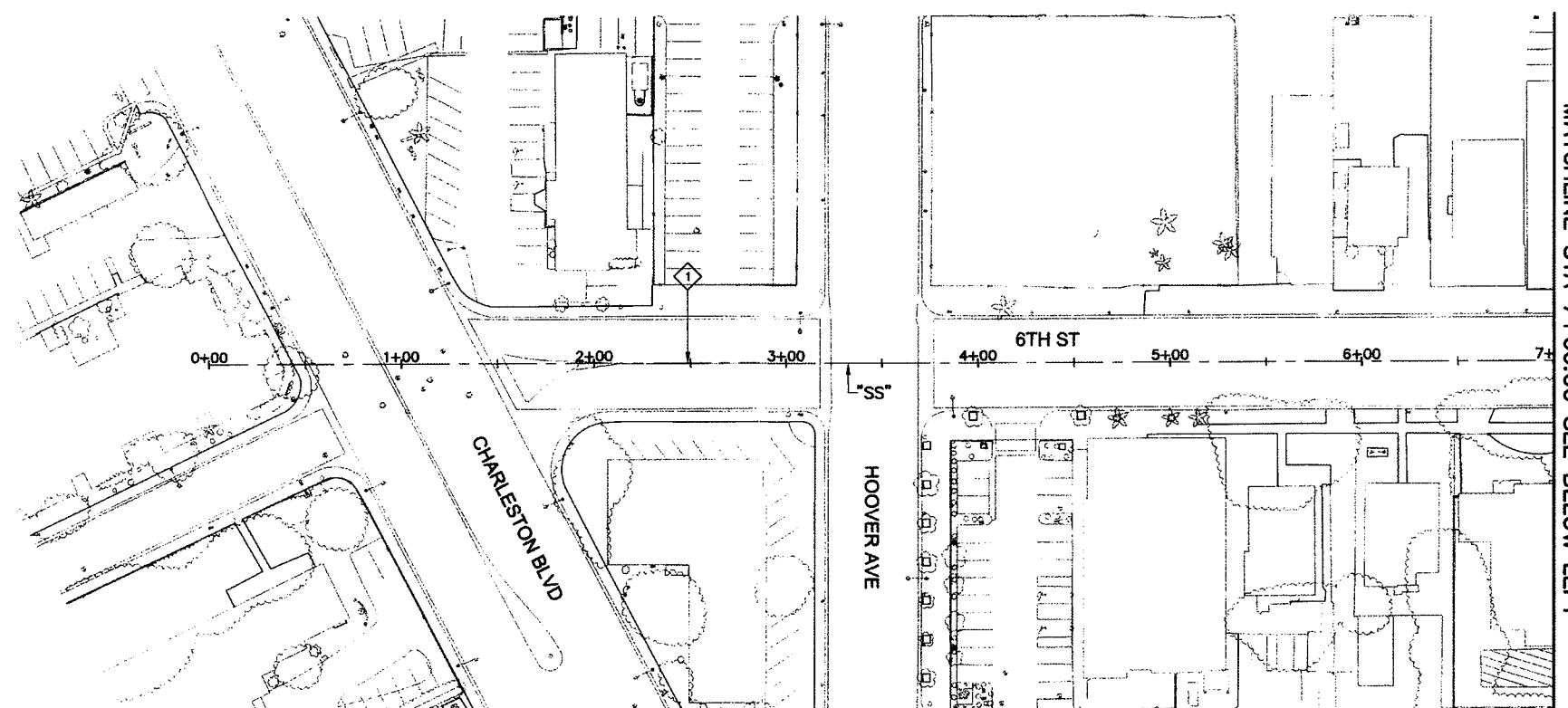
PROFESSIONAL SEAL
 ROBERT C. KOREA
 EXP. 03/31/2015
 CIVIL
 No. 0016
 STATE OF MISSISSIPPI

SHEET
12
 2. OF 12. SHEETS
 DRAWING NO.
107/VS-64

Mississippi State Board of Professional Engineers, Architects, and Surveyors
 1000 Highway 90, Suite 200, Ocean Springs, MS 38877-1520
 Phone: 662-893-2200 Fax: 662-893-2201
 www.msboards.org



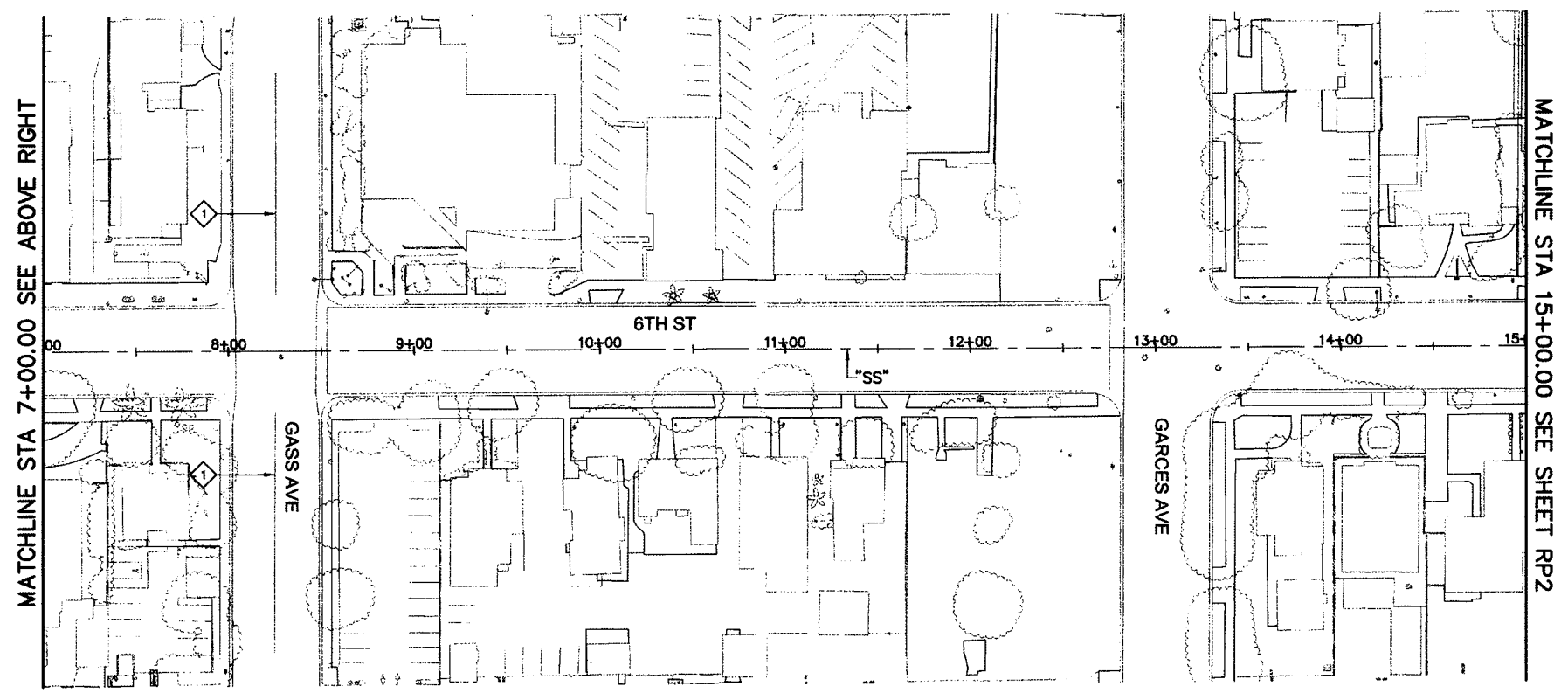
CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.



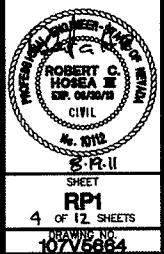
CONSTRUCTION NOTES:

- 1 EXISTING STRIPING TO REMAIN

NO CHANGES



SEE SHEETS T1-T4 FOR
FOR STRIPING AND SIGNING

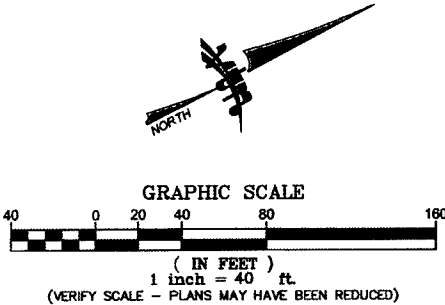
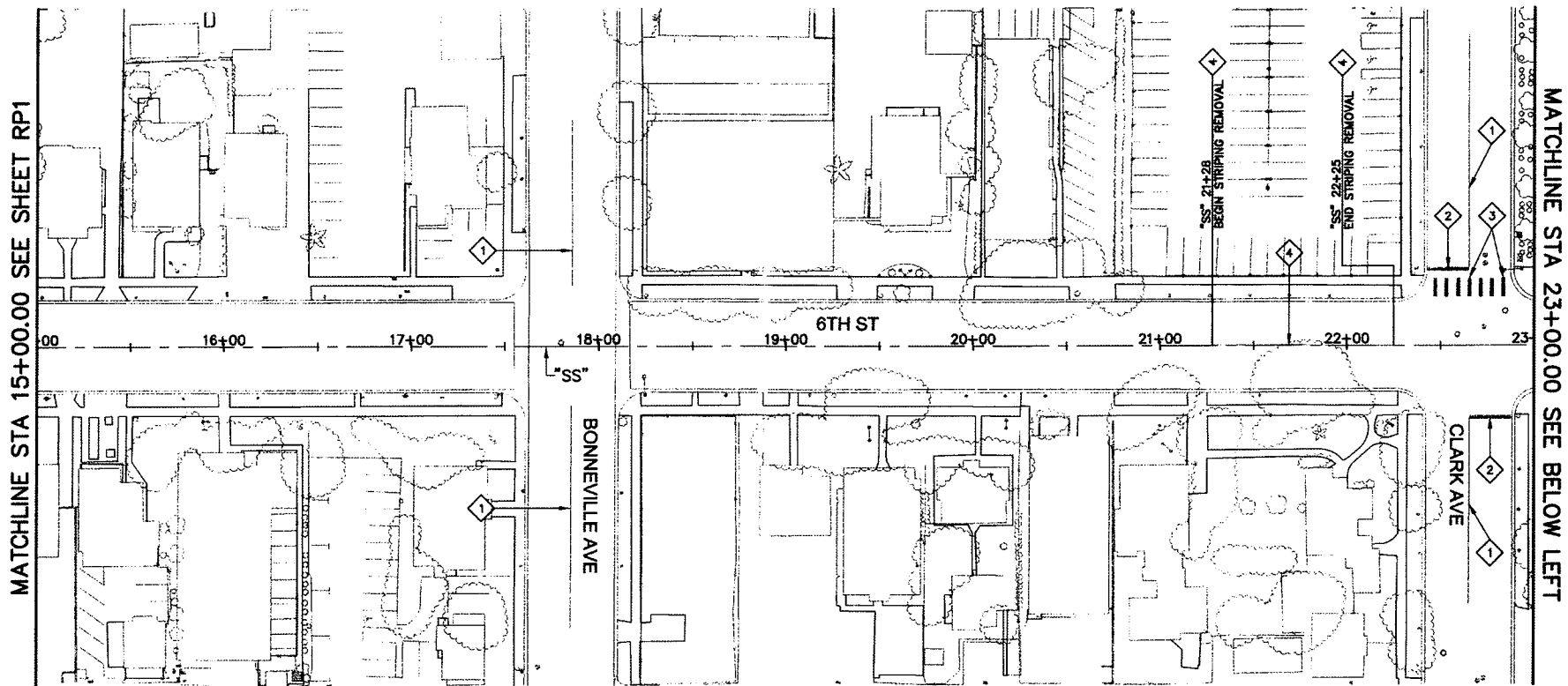


REMOVAL PLAN
STA 1+50.00 TO STA 16+00.00
DOWNTOWN PED AND BICYCLE IMP
6TH STREET
CHARLESTON BLVD TO STEWART AVE

PUBLIC WORKS DEPARTMENT
333 N. RANCHO DRIVE
LAS VEGAS, NV 89106
702-228-8272
2727 SOUTH RANCHO BOULEVARD
LAS VEGAS, NV 89146-5146
FAX 702-228-8272
FAX 702-362-2567
WEB SITE WWW.VNV.COM

REV	DATE	BY	REVISION
1	8/11/17		

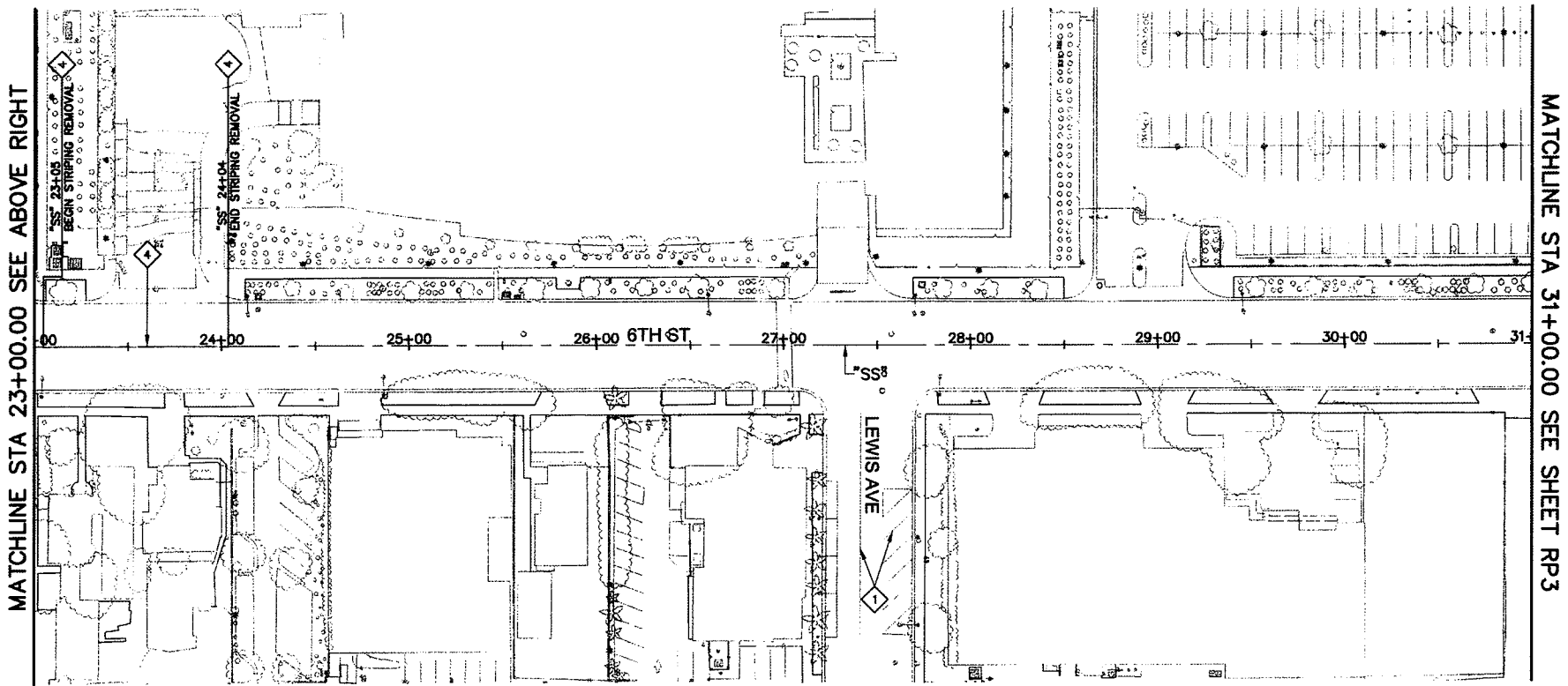
CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.



CONSTRUCTION NOTES:

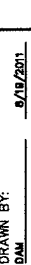
- 1 EXISTING STRIPING TO REMAIN
- 2 REMOVE EXISTING STOP BAR
- 3 REMOVE EXISTING CROSSWALK, (IF FILM REMOVE, IF PAINT THEN WILL BE COVERED WITH TYPE II SLURRY SEAL)
- 4 REMOVE EXISTING CENTERLINE (PAINT)

NO CHANGES

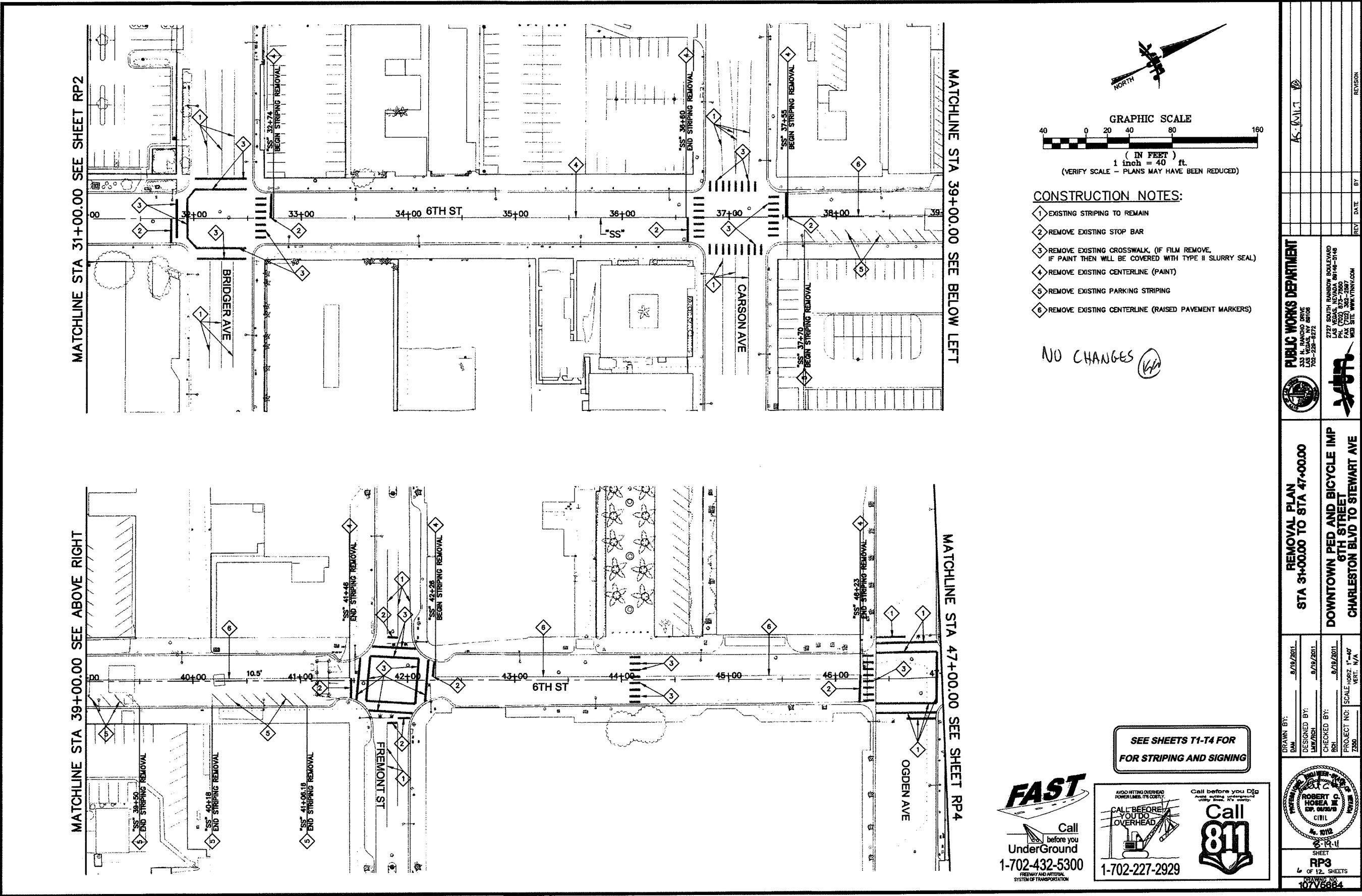


SEE SHEETS T1-T4 FOR
FOR STRIPING AND SIGNING

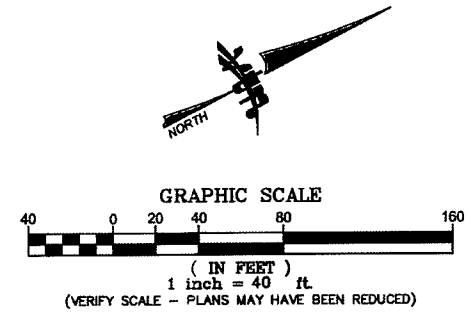
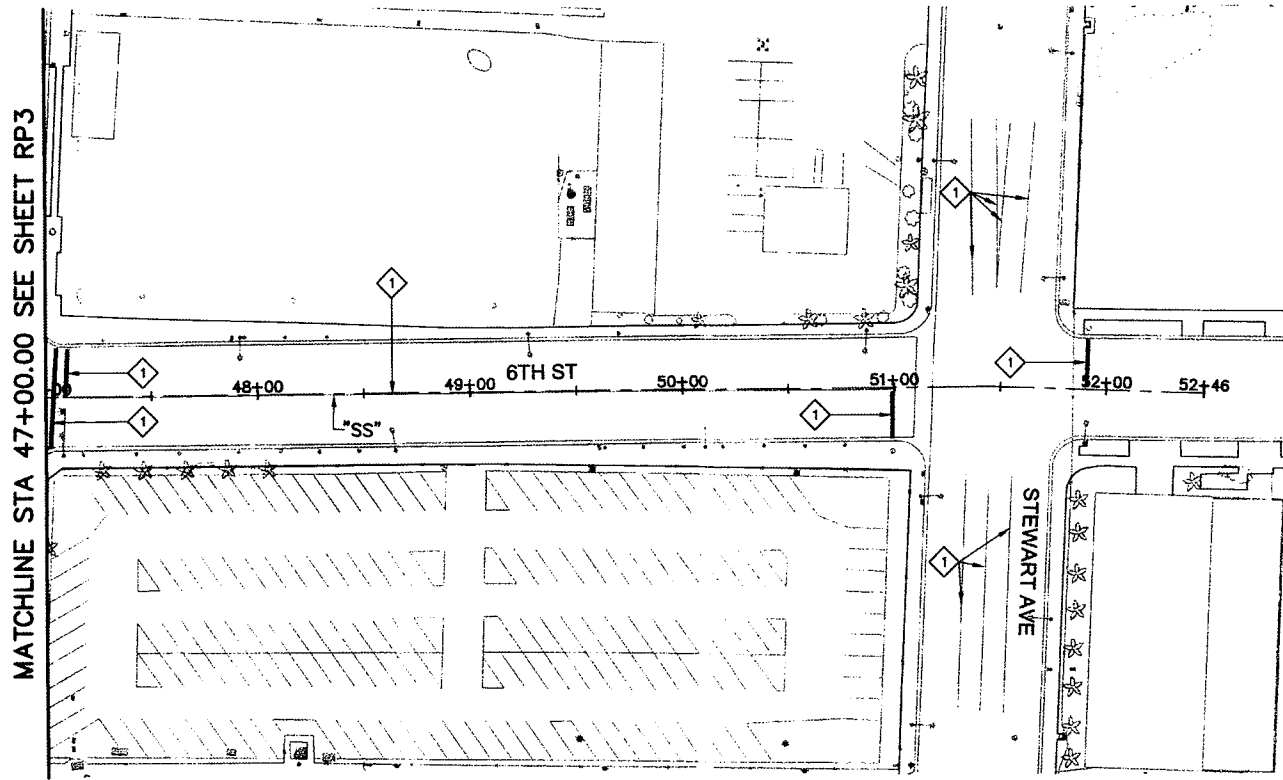


		DRAWN BY: _____		8/19/2011	
		DESIGNED BY: _____		8/19/2011	
		LMW/RCH			
		CHECKED BY: _____		8/19/2011	
		RCH			
		PROJECT NO: _____		SCALE: HORIZ. 1"=40'	
		7590		VERT. N/A	
SHEET		5 OF 12 SHEETS		RP2	
DRAWN BY: AS		DATE: 8/11/11		BY: _____	
PUBLIC WORKS DEPARTMENT		REMOVAL PLAN		REVISION	
333 N. RAINBOW DRIVE		STA 16+00.00 TO STA 31+00.00		DATE	
LAS VEGAS, NV 89108		DOWNTOWN PED AND BICYCLE IMP		BY	
702-227-8272		6TH STREET			
		CHARLESTON BLVD TO STEWART AVE			
					
227 SOUTH RAINBOW BOULEVARD					
LAS VEGAS, NEVADA 89146-0146					
PH. (702) 872-7050					
FAX (702) 362-2597					
WEB SITE: WWW.PWDV.COM					

CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.



CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.

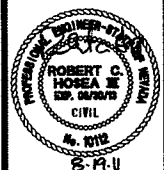


CONSTRUCTION NOTES:

1 EXISTING STRIPING TO REMAIN

NO CHANGES (h)

**SEE SHEETS T1-T4 FOR
FOR STRIPING AND SIGNING**



SHEET
RP4
7 OF 12 SHEETS
DRAWING NO.
107V5684

PUBLIC WORKS DEPARTMENT
333 N. RANCHO DRIVE
LAS VEGAS, NV 89106
702/733-5470

REMOVAL PLAN
STA 47+00.00 TO STA 50+98

DRAWN BY: _____
DATE: 8/19/2011

DESIGNED BY: _____

SHEET
RP4
7 OF 12 SHEETS
DRAWING NO.
107V5684

WORKS DEPARTMENT
INCHIO DRIVE
LAS VEGAS, NV 89106
8272

2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7850
FAX (702) 362-2597
WEB SITE WWW.VTNNV.COM

PUBLIC
333 N. RANCHO
LAS VEGAS
702-228-
702-228

Public

REMOVAL PLAN
STA 47+00.00 TO STA 50+98

DRAWN BY: DAM	5/19/2011
DESIGNED BY: LNU/RCH	5/19/2011
CHECKED BY: RCH	5/19/2011
PROJECT NO: 7350	SCALE HORIZ. 1"=40' VERT. N/A

SHEET
RP4
7 OF 12 SHEETS
DRAWING NO.
107V5684

PUBLIC WORKS DEPARTMENT
333 N. RANCHO DRIVE
LAS VEGAS, NV 89106
702-733-6370

REMOVAL PLAN
STA 47+00.00 TO STA 50+98

DRAWN BY: _____
DATE: 8/19/2011

DESIGNED BY: _____

SHEET
RP4
7 OF 12 SHEETS
DRAWING NO.
107V5684

WORKS DEPARTMENT
INCHIO DRIVE
LAS VEGAS, NV 89106
8272

2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7850
FAX (702) 362-2597
WEB SITE WWW.VTNNV.COM

PUBLIC
333 N. RANCHO
LAS VEGAS
702-228-
702-228-

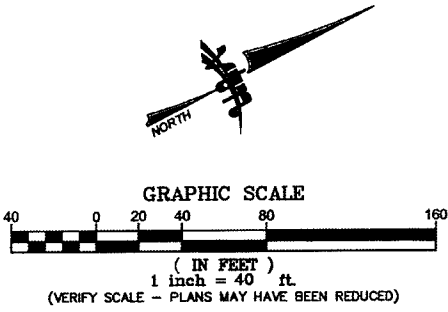
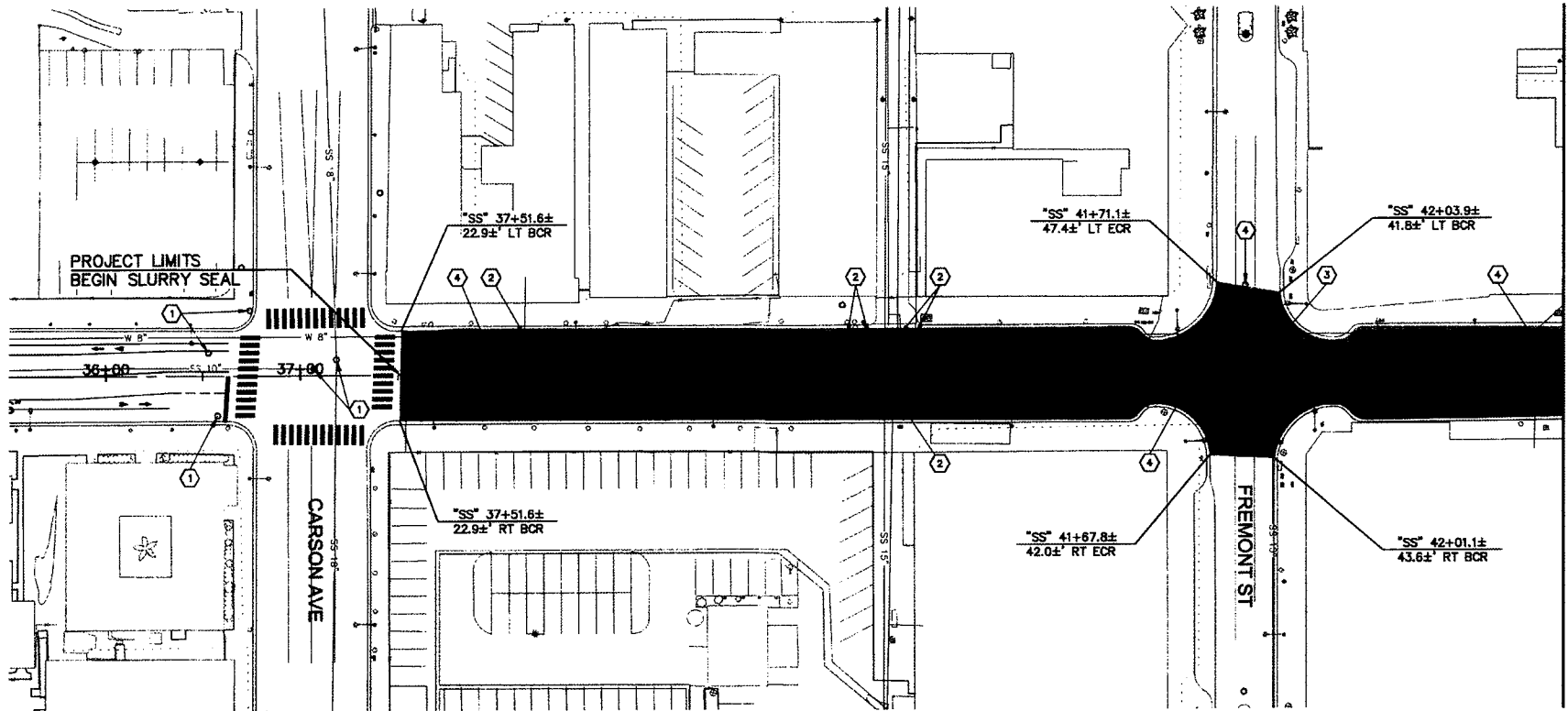
WATER

REMOVAL PLAN
STA 47+00.00 TO STA 50+98

DRAWN BY: DAM	8/19/2011
DESIGNED BY: LNU/RCH	8/19/2011
CHECKED BY: RCH	8/19/2011
PROJECT NO: 7350	SCALE HORIZ. 1"=40' VERT. N/A

SHEET
RP4
7 OF 12 SHEETS
DRAWING NO.
107V5684

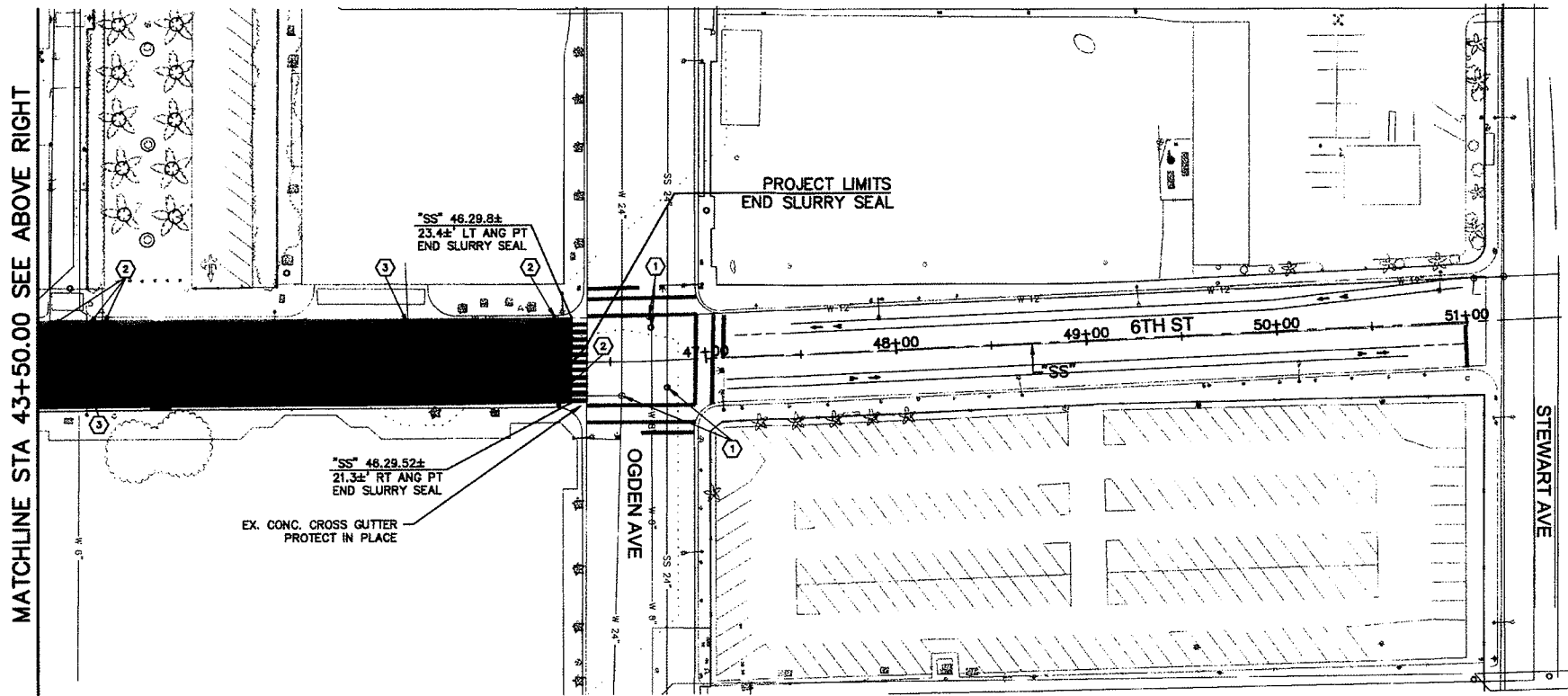
CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.



LEGEND
NEW TYPE II SLURRY LIMITS

- CONSTRUCTION NOTES:
- 1 PROTECT IN PLACE
 - 2 WATER VALVE (NO SLURRY OVER COVER AND CONCRETE COLLAR. VALVES MUST BE ACCESSIBLE AT ALL TIMES)
 - 3 SANITARY SEWER MANHOLE (NO SLURRY OVER COVER AND CONCRETE COLLAR. MANHOLES MUST BE ACCESSIBLE AT ALL TIMES)
 - 4 MISC MANHOLE (NO SLURRY OVER COVER AND CONCRETE COLLAR. MANHOLES MUST BE ACCESSIBLE AT ALL TIMES)

NO CHANGES



APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE 08/22/11 PROJECT NO. 116880

FAST
Call before you UnderGround
1-702-432-5300
FREIGHTWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig
Call before you Dig
1-702-227-2929

Call 811

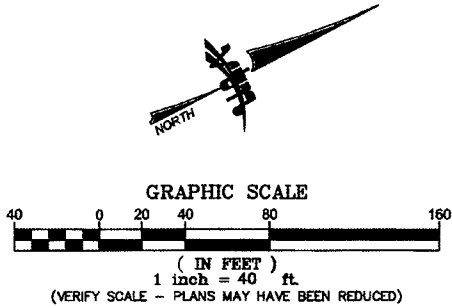
ROBERT G. HOREA
CIVIL
8-19-11
SHEET
R1
8 OF 12 SHEETS
DRAWING NO. 10776684

PUBLIC WORKS DEPARTMENT
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
702-228-1272
2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89146-3148
702-228-1272
WWW.VWVWV.COM

ROADWAY PLAN
STA 37+51.6± TO STA 47+11.5±
DOWNTOWN PED AND BICYCLE IMP
6TH STREET
CHARLESTON BLVD TO STEWART AVE

DRAWN BY: 8/19/2011
DESIGNED BY: 8/19/2011
CHECKED BY: 8/19/2011
PROJECT NO: 116880
SCALE: HORIZ. 1"=40'
VERT. N/A

CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.



- CONSTRUCTION NOTES:
- 1. INSTALL TYPE 1 CENTERLINE PER USD NO. 244 (POLYUREA)
 - 2. INSTALL 6" SOLID WHITE LINE PER USD NO. 244.9 (THERMOPLASTIC)
 - 3. INSTALL GREEN BIKE LANE WITH LEGEND PER USD NO. 244.9 (THERMOPLASTIC)
 - 4. INSTALL SKIP LINE PER USD. 244.9 (THERMOPLASTIC)
 - 5. INSTALL CROSSWALK/STOP BAR PER USD NO. 254 (FILM)
 - 6. INSTALL R3-17 MOD BIKE SIGN



- 11. EXISTING STRIPING TO REMAIN
- 12. INSTALL NEW SIGN ON EXISTING STREETLIGHT
- 13. REPLACE EXISTING SIGN POST WITH LONG SIGN POST. RE-INSTALL EXISTING SIGN AND INSTALL NEW SIGN
- 14. INSTALL R3-17bP END SIGN



NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN, PROTECT IN PLACE UNLESS OTHERWISE NOTED ON PLANS.

SEE SHEETS RP1-RP4 FOR STRIPING REMOVAL

FAST

Call before you UnderGround

1-702-432-5300

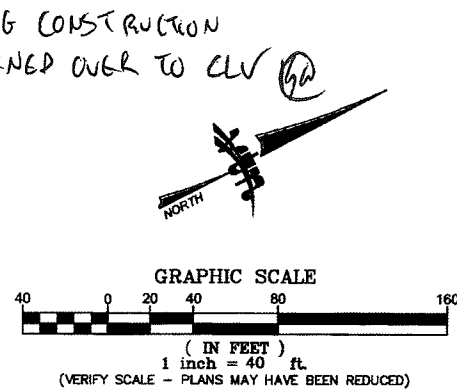
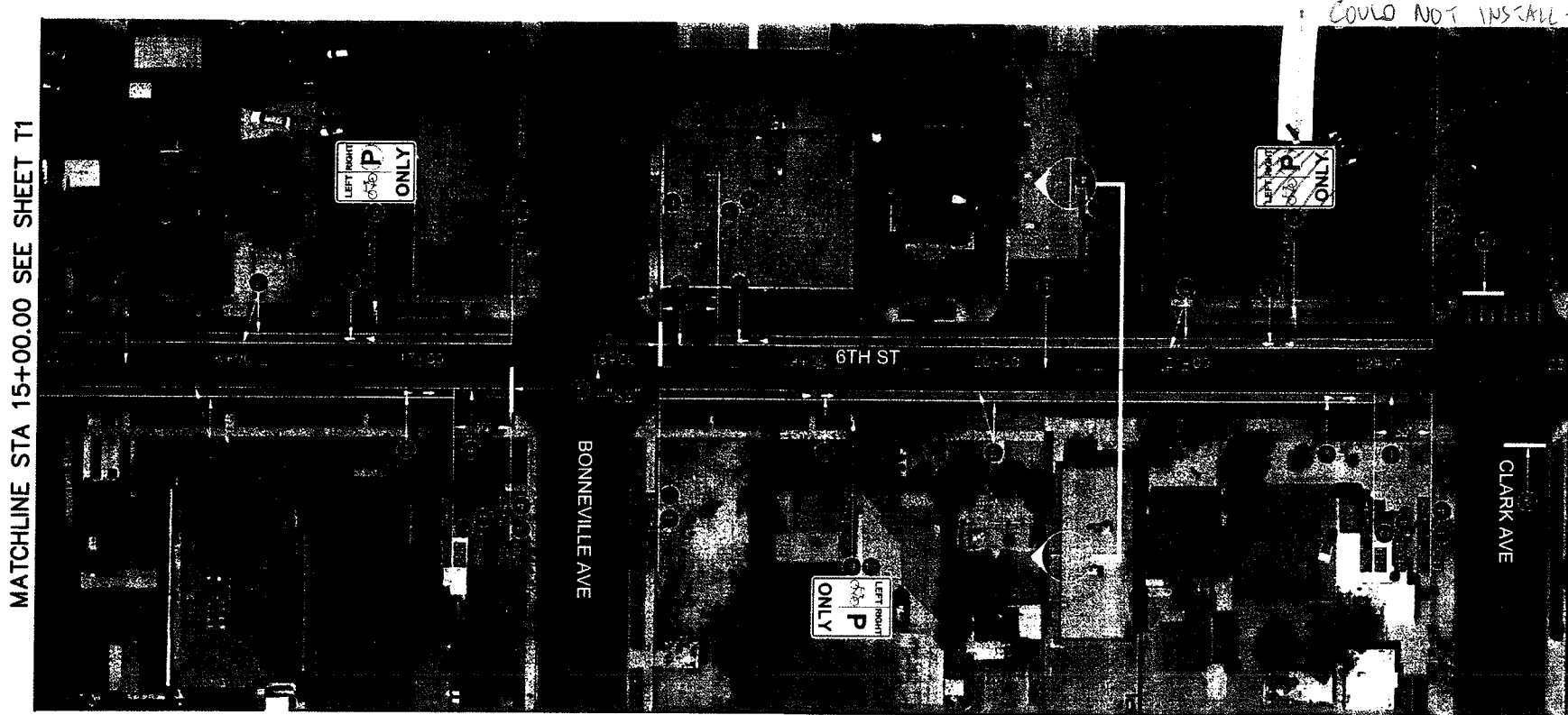
Freeway and Arterial System of Transportation

Call before you Dig

Call 811

1-702-227-2929

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- CONSTRUCTION NOTES:**
- ① INSTALL TYPE 1 CENTERLINE PER USD NO. 244 (POLYUREA)
 - ② INSTALL 6" SOLID WHITE LINE PER USD NO. 244.9 (THERMOPLASTIC)
 - ③ INSTALL GREEN BIKE LANE WITH LEGEND PER USD NO. 244.9 (THERMOPLASTIC)
 - ④ INSTALL SKIP LINE PER USD. 244.9 (THERMOPLASTIC)
 - ⑤ INSTALL CROSSWALK/STOP BAR PER USD NO. 254 (FILM)
 - ⑥ INSTALL BLUE REFLECTIVE RAISED FIRE HYDRANT ID PAVEMENT MARKER
 - ⑦ INSTALL R3-17 BIKE SIGN
 - ⑧ INSTALL R3-17 MOD BIKE SIGN
 - ⑨ INSTALL NEW SIGN ON EXISTING STREETLIGHT
 - ⑩ REPLACE EXISTING SIGN POST WITH LONG SIGN POST. RE-INSTALL EXISTING SIGN AND INSTALL NEW SIGN



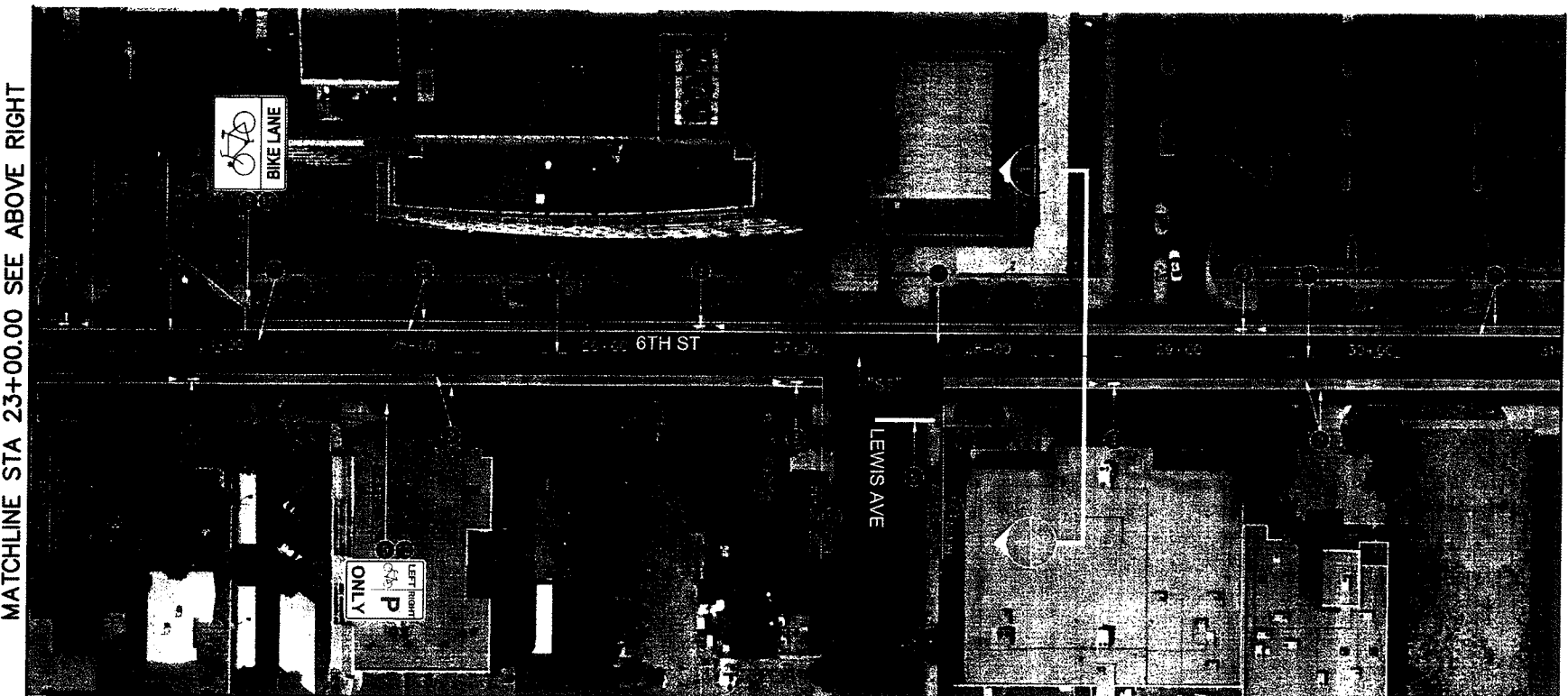
24" X 18"



18" X 24"

NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN, PROTECT IN PLACE UNLESS OTHERWISE NOTED ON PLANS.



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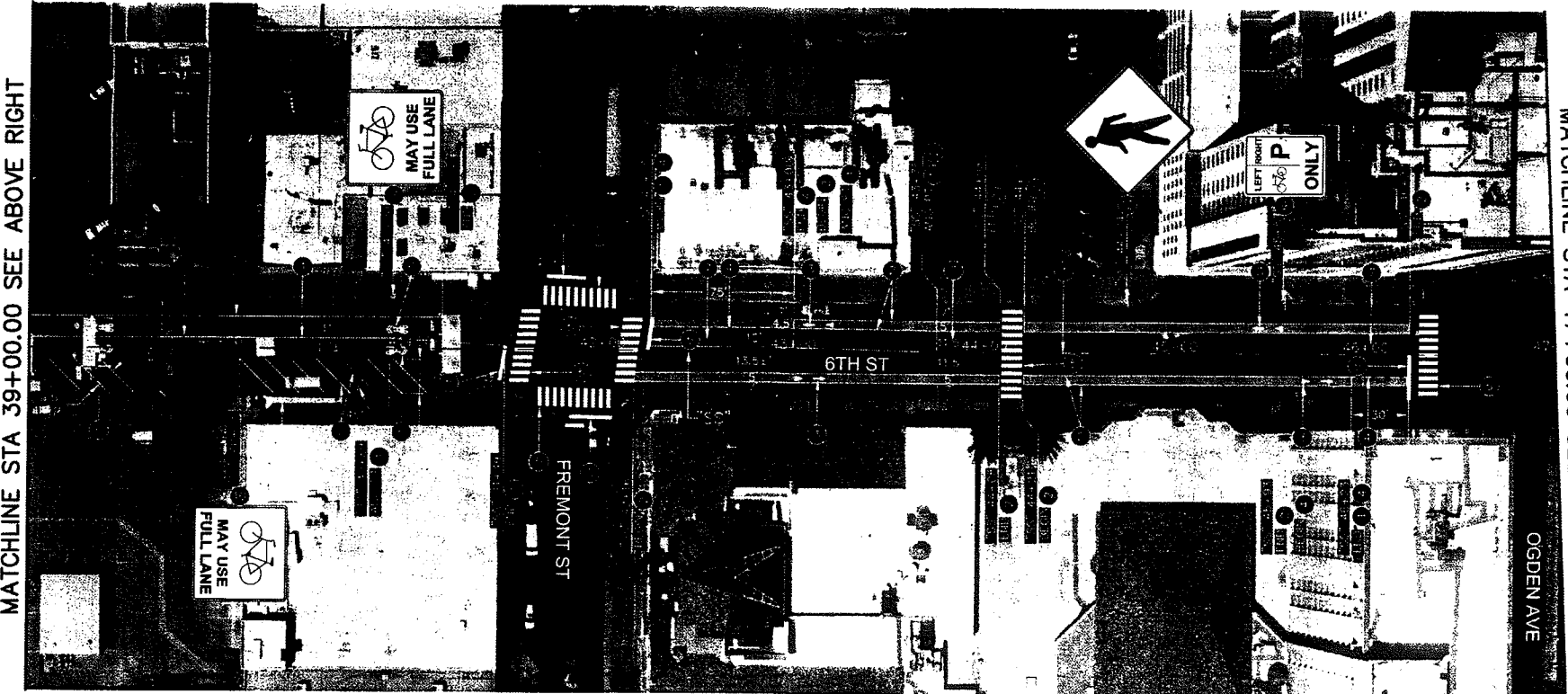
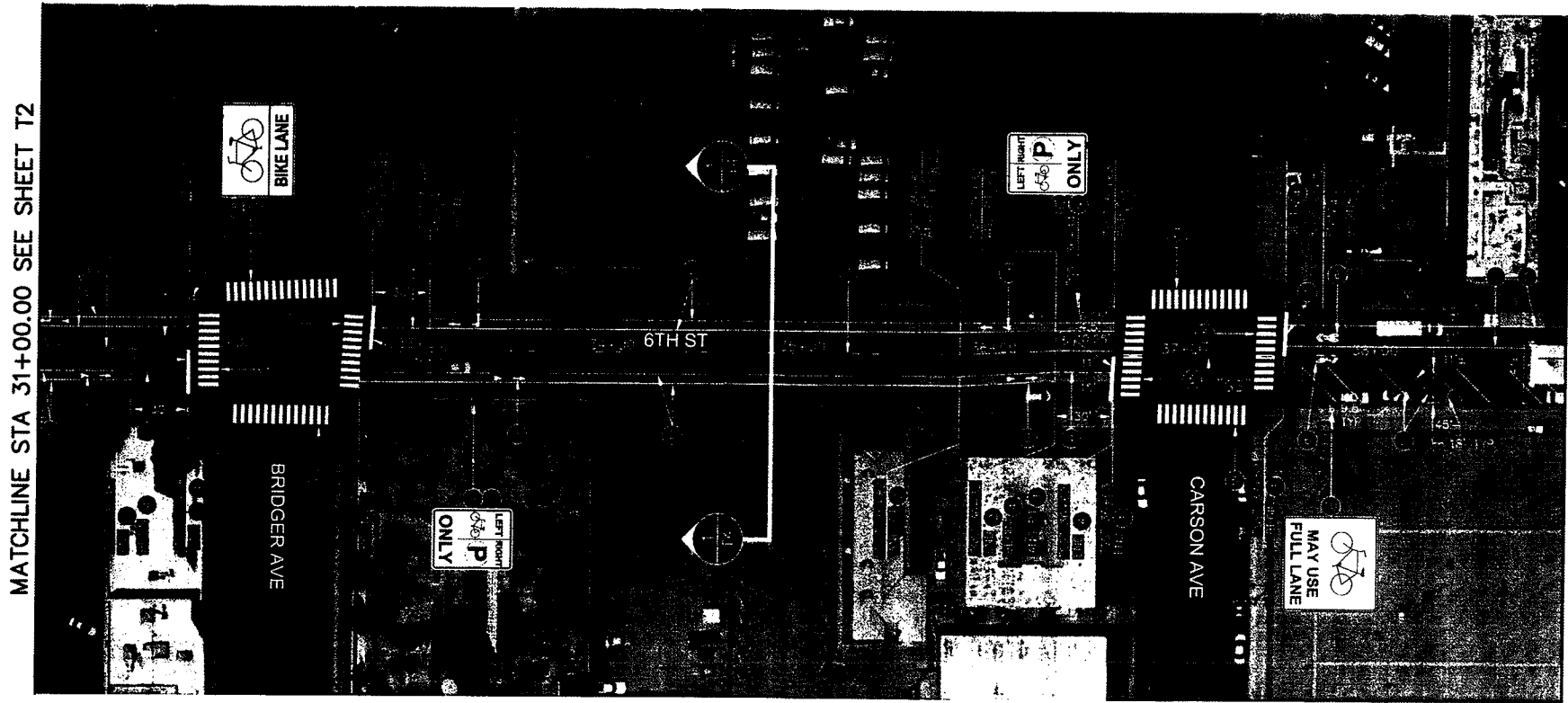
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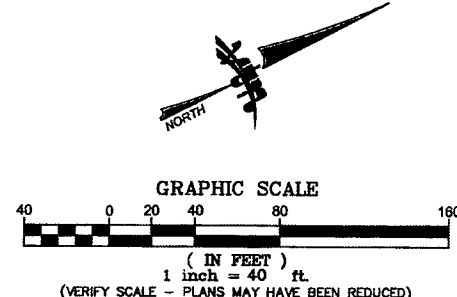
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STRIPING AND SIGNING PLAN STA 16+00.00 TO STA 31+00.00		PUBLIC WORKS DEPARTMENT 333 N. RAINBOW DRIVE LAS VEGAS, NV 89106 702-228-5272		2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-3148 PH: (702) 672-7000 FAX: (702) 387-2597 WEB SITE: WWW.PWV.COM	
DOWNTOWN PED AND BICYCLE IMP 6TH STREET CHARLESTON BLVD TO STEWART AVE		STRA		REVISION	
DRAWN BY: DAM	5/19/2012	DESIGNED BY: LAW/ACH	5/19/2012	REV	DATE
CHECKED BY: RSH	5/19/2012	PROJECT NO: 7350	SCALE: HORIZ. 1"=40' VERT. N/A	BY	
SHEET T2 OF SHEETS DRAWING NO. 107V5684					

CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.



SEE SHEETS RP1-RP4 FOR
FOR STRIPING REMOVAL



- CONSTRUCTION NOTES:**
- ① INSTALL TYPE 1 CENTERLINE PER USD NO. 244 (POLYUREA)
 - ② INSTALL 6" SOLID WHITE LINE PER USD NO. 244.9 (THERMOPLASTIC)
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 - ④ INSTALL SKIP LINE PER USD. 244.9 (THERMOPLASTIC)
 - ⑤ INSTALL CROSSWALK/STOP BAR PER USD NO. 254 (FILM)
 - ⑥ INSTALL SHARROW BIKE LANE LEGEND SEE MUTCD FIG. 9C-9 (FILM) SEE ALSO DETAIL 2 SHEET T4
 - ⑦ INSTALL BLUE REFLECTIVE RAISED FIRE HYDRANT ID PAVEMENT MARKER
 - ⑧ INSTALL R3-17 BIKE SIGN



- ⑨ INSTALL R3-17 MOD BIKE SIGN



- ⑩ INSTALL R4-11 BIKE SIGN



- ⑫ INSTALL NEW SIGN ON EXISTING STREETLIGHT
- ⑬ REPLACE EXISTING SIGN POST WITH LONG SIGN POST. RE-INSTALL EXISTING SIGN AND INSTALL NEW SIGN
- ⑭ INSTALL W11-2 PED SIGN



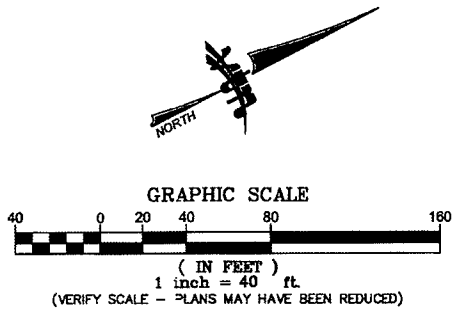
NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN, PROTECT IN PLACE UNLESS OTHERWISE NOTED ON PLANS.



DRAWN BY: 9/19/2012		DESIGNED BY: 9/19/2012		CHECKED BY: 9/19/2012		PROJECT NO: SCALE: HORIZ. 1"=40' VERT. N/A	
DAM		LMM/REH		REH		2380	
PUBLIC WORKS DEPARTMENT		STRIPING AND SIGNING PLAN		DOWNTOWN PED AND BICYCLE IMP		SHEET T3 OF 3 SHEETS	
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 FAX (702) 332-2397 WEB SITE WWW.VTRVY.COM		STA 31+00.00 TO STA 47+00.00		6TH STREET		DRAWING NO. 102V6664	
333 N. RANDO DRIVE LAS VEGAS, NEVADA 89106 FAX (702) 332-2397		CHARLESTON BLVD TO STEWART AVE					

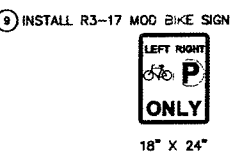
CLV Bid No. 12.1730.01 – Electric Bikes Program Improvements – As Built Drawings – Aggregate Industries SWR, Inc.



- CONSTRUCTION NOTES:
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 - 4) INSTALL SKIP LINE PER USD. 244.9 (THERMOPLASTIC)
 - 5) INSTALL CROSSWALK/STOP BAR PER USD NO. 254 (FILM)
 - 6) INSTALL R3-17 BIKE SIGN

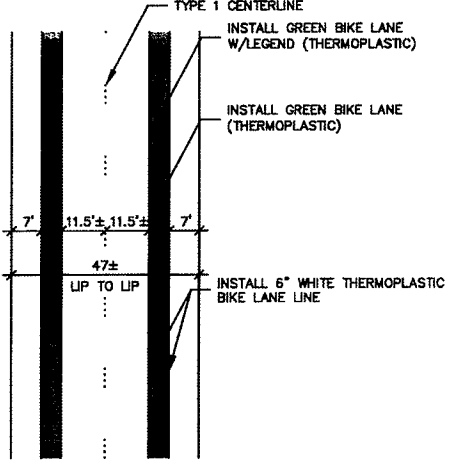


NO CHANGES
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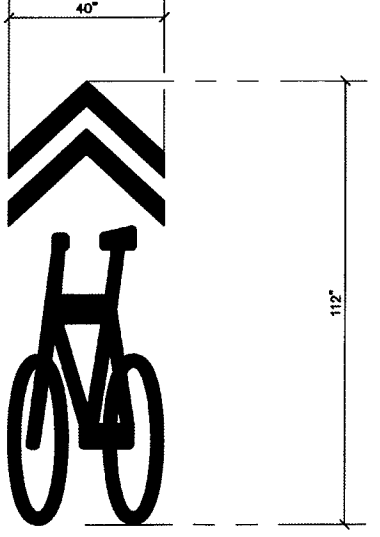
- 11) EXISTING STRIPING TO REMAIN
- 13) REPLACE EXISTING SIGN POST WITH LONG SIGN POST. RE-INSTALL EXISTING SIGN AND INSTALL NEW SIGN

NOTES:
1. ALL EXISTING SIGNS ARE TO REMAIN, PROTECT IN PLACE UNLESS OTHERWISE NOTED ON PLANS.



TYPICAL LANE LAYOUT

1 TYPICAL LANE DIMENSIONS
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2 SHARROW BIKE LANE LEGEND (FILM)
NOT TO SCALE



SEE SHEETS RP1-RP4 FOR STRIPING REMOVAL



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STRIPING AND SIGNING PLAN STA 47+00.00 TO STA 50+88	DRAWN BY: 5/19/2012	DESIGNED BY: 5/19/2012	CHECKED BY: 5/19/2012
DOWNTOWN PED AND BICYCLE IMP 6TH STREET CHARLESTON BLVD TO STEWART AVE	PROJECT NO: 7390	SCALE: HORIZ. 1"=40' VERT. N/A	SHEET T4 OF 4 SHEETS
107V5684		107V5684	