

PAVING IMPROVEMENTS

- 1
- CONSTRUCT ASPHALT PAVEMENT WITH TYPE II AGGREGATE BASE (REFER TO TYPICAL SECTIONS FOR PAVEMENT DESIGN)
- 2
- CONSTRUCT CONCRETE SIDEWALK (USD. DWG. NO. 234)
- 3
- CONSTRUCT SIDEWALK RAMP, CASE I (USD. DWG. NO. 235)
- 3A
- CONSTRUCT SIDEWALK RAMP, CASE II (USD. DWG. NO. 235)
- 4
- CONSTRUCT "L" TYPE CURB & GUTTER (USD. DWG. NO. 216)
- 5
- CONSTRUCT PAVEMENT PER USD NO. 210
- 6
- CONSTRUCT COMMERCIAL DRIVEWAY OPTION B (USD. DWG. NO. 225)
- 7
- CONSTRUCT TACK-ON ISLAND (USD. DWG. NO. 221)
- 8
- REMOVE AND RECONSTRUCT CONCRETE STEPS (SEE DETAIL ON SHEET XS-16)
- 9
- CONSTRUCT DEPRESSED CURB AND GUTTER TO MATCH EXISTING (USD. DWG. NO. 235)
- 10
- REMOVE AND REPLACE MEDIAN ISLAND
- 11
- CONSTRUCT BUS STOP LOADING PAD WITHIN EASEMENT (USD. DWG. NO. 234.2)
- 12
- CONSTRUCT "A" TYPE ISLAND CURB (USD. DWG. NO. 219)
- 13
- SAWCUT
- 14
- REMOVE ASPHALT PAVEMENT
- 15
- REMOVE CROSS GUTTER
- 16
- REMOVE CURB AND GUTTER
- 17
- REMOVE SIDEWALK
- 18
- REMOVE DRIVEWAY
- 19
- REMOVE TACK-ON ISLAND
- 20
- ADJUST MANHOLE TO GRADE (USD. DWG. NO. 408)
- 21
- ADJUST WATER VALVE BOX TO FINISHED GRADE PER UDACS PLATE NO. 8 (VALVE SHALL BE ACCESSIBLE AT ALL TIMES)
- 22
- ADJUST UTILITY VAULT TO GRADE
- 23
- REMOVE SIGN(S) AND POST
- 24
- REMOVE SIDEWALK DRAIN
- 25
- CONSTRUCT SIDEWALK DRAIN (USD. DWG. NO. 236)
- 26
- REMOVE AND RESET YARD LIGHT
- 27
- REMOVE TREE
- 28
- REMOVE BUS SHELTER AND CONCRETE PAD
- 29
- CONSTRUCT COMMERCIAL DRIVEWAY OPTION A (USD. DWG. NO. 224)
- 30
- CONSTRUCT COMPLETE BUS TURNOUT (USD. DWG. NO. 234.1)

PAVING IMPROVEMENTS

- 31
- REMOVE CONCRETE BARRIER RAIL
- 32
- REMOVE CONCRETE CURB
- 33
- REMOVE SIGN, POSTS AND LIGHTS
- 92
- RESTORE LANDSCAPING AND IRRIGATION TO MATCH EXISTING (REPLACE IN KIND)
- 93
- CONSTRUCT CONCRETE CURB TYPE "A" 6" TAPER 10:1 BOTH SIDES

SANITARY SEWER IMPROVEMENTS

- 34
- CONSTRUCT SANITARY SEWER MANHOLE PER CCSD STD. PLANS
- 35
- CONNECT TO EXISTING MANHOLE

STORM DRAIN IMPROVEMENTS

- 75
- CONSTRUCT 3' TYPE PC1 DROP INLET (REFER TO SHEET SD-20)
- 76
- CONSTRUCT 6' TYPE PC2 DROP INLET (REFER TO SHEET SD-20)
- 77
- CONSTRUCT 9' TYPE PC3 DROP INLET (REFER TO SHEET SD-20)
- 78
- CONSTRUCT 20' TYPE "CM2" DROP INLET (REFER TO SHEET SD-19)
- 79
- CONSTRUCT 20' TYPE "DM2" DROP INLET (REFER TO SHEET SD-19)
- 79g
- CONSTRUCT 20' TYPE "DM2" DROP INLET MODIFIED (REFER TO SHEET SD-19)
- 80
- INSTALL 18" RCP CONNECT TO EXISTING DROP INLET
- 81
- CONSTRUCT TYPE I MANHOLE, 60"
- 82
- CONSTRUCT TYPE II MANHOLE, 48"
- 83
- EXISTING DROP INLET TO REMAIN
- 84
- BOLT DOWN MANHOLE COVER REQUIRED
- 85
- CONSTRUCT TYPE III MANHOLE, 60"
- 86
- CONSTRUCT 72" MANHOLE (REFER TO SHEET SD-22)
- 87
- SEE SHEET SD-21 FOR DETAIL
- 88
- REMOVE AND REPLACE DROP INLET
- 89
- CONSTRUCT TYPE I MANHOLE, 48"
- 90
- CONSTRUCT NDOT HEADWALL, DWG R-2.5.1 (REFER TO SHEET SD-22)

POTENTIAL UTILITY CONFLICTS

- C
- EXISTING UNDERGROUND CABLE TO BE RELOCATED BY COX COMMUNICATIONS IF FOUND TO BE A CONFLICT DURING CONSTRUCTION
- E
- EXISTING UNDERGROUND POWER TO BE RELOCATED BY NEVADA POWER IF FOUND TO BE A CONFLICT DURING CONSTRUCTION
- G
- EXISTING UNDERGROUND GAS TO BE RELOCATED BY SOUTHWEST GAS IF FOUND TO BE A CONFLICT DURING CONSTRUCTION
- T
- EXISTING UNDERGROUND TELEPHONE TO BE RELOCATED BY SPRINT CENTRAL TELEPHONE IF FOUND TO BE A CONFLICT DURING CONSTRUCTION

LIGHTING IMPROVEMENTS

- 40
- RELOCATE EXISTING 250 WATT HPS STREET LIGHT ASSEMBLY ON NEW FOUNDATION
- 41
- 1-1/4" STREET LIGHT CONDUIT WITH WIRE (C.L.V.)
- 42
- CONNECT TO EXISTING STREET LIGHT CONDUIT
- 43
- INSTALL NEW NO. 3-1/2 PULL BOX
- 44
- CONSTRUCT 250 WATT HPS STREET LIGHT ASSEMBLY AND FOUNDATION
- 45
- EXISTING NO. 7 PULL BOX
- 46
- EXISTING 200 AMP SERVICE PEDESTAL
- 47
- INSTALL NEW 200 AMP SERVICE PEDESTAL
- 48
- COIL ADDITIONAL WIRE IN PULL BOX FOR FUTURE USE

SIGNAL INTERCONNECT

- 61
- INSTALL INTERCONNECT CABLE IN EXISTING CONDUIT
- 62
- CONNECT TO EXISTING INTERCONNECT CONDUIT
- 63
- INSTALL NEW DOUBLE STACKED NO. 7 PULL BOX
- 64
- INSTALL NEW 3" INTERCONNECT CONDUIT WITH INTERCONNECT CABLE
- 65
- INSTALL NEW 3" INTERCONNECT CONDUIT

SIGNING IMPROVEMENTS

- 23
- REMOVE SIGN(S) AND POST/BACKET
- 70
- EXISTING SIGN(S), NO CHANGE REQD.
- 72
- REMOVE EXISTING SIGN(S) AND POLE BRACKET (POLE TO REMAIN)
- 73
- INSTALL SIGN(S) AND POST PER STD. DWG. NO. 249
- 74
- INSTALL SIGN(S) ON LIGHT POLE

STRIPING IMPROVEMENTS

- 50
- TYPE I CENTERLINE PER STD. DWG. NO. 244
- 51
- TYPE 2 CENTERLINE PER STD. DWG. NO. 244
- 52
- TYPE 4 LANE LINE PER STD. DWG. NO. 244A
- 53
- ADDED TURN LANE PER STD. DWG. NO. 246
- 54
- FORCED TURN LANE PER STD. DWG. NO. 246A
- 55
- 6" SOLID WHITE LINE
- 56
- CROSSWALK MARKINGS PER STD. DWG. NO. 254
- 57
- CROSSWALK MARKINGS PER STD. DWG. NO. 254A
- 58
- MEDIAN NOSE MARKINGS PER STD. DWG. NO. 248
- 59
- TRANSITION SECTION MARKING PER STD. DWG. NO. 245 (2 OF 3)
- 60
- TRANSITION SECTION MARKING PER STD. DWG. NO. 245 (3 OF 3) (SEE CURVE TABLE FOR LAYOUT)
- 66
- INSTALL "CAT TRACKS" SEE DETAIL SHEET SS-1

LEGEND

DESCRIPTION	PROPOSED	EXISTING
ELEV.FLAG		
SECTION LINE		
CENTERLINE		
RIGHT-OF-WAY		
PROPERTY LINE		
CONTOUR		
FENCE		
WALL		
BARRIER RAIL		
SAWCUT		
SANITARY SEWER		
STORM DRAIN		
WATERLINE		
NATURAL GAS		
UNDERGROUND TELEPHONE		
UNDERGROUND ELECTRIC		
UNDERGROUND CABLE TV		
LIGHTING CONDUIT		
INTERCONNECT CONDUIT		
SIGNAL CONDUIT		
POWER POLE		
TRAFFIC SIGNAL WITH LUMINAIRE		
TRAFFIC SIGNAL		
SIGN		
STREET LIGHT		
PULL BOX		
WATER VALVE		
FIRE HYDRANT		
SURVEY MONUMENT		
CURB & GUTTER		
SIDEWALK RAMP		
SIGNAL BOX		
POTHOLE		
MANHOLE		
SD INLET		
FILL SLOPE		

ABBREVIATIONS

AC	ASPHALT CONCRETE	STA	STATION
AP	ANGLE POINT	FL	FLOW LINE
PG	PROFILE GRADE	FS	FINISHED SURFACE
SD	STORM DRAIN	FTG	FOOTING
PVC	POINT OF VERTICAL CURVE	R/W	RIGHT-OF-WAY
PVT	POINT OF VERTICAL TANGENT	HERCP	HORIZONTAL ELLIPTICAL RCP
PVI	POINT OF VERTICAL INTERSECTION	RCP	REINFORCED CONCRETE PIPE
BCR	BEGIN CURB RETURN	RCB	REINFORCED CONCRETE BOX
DG	DESIGN GRADE	TRANS	TRANSITION STRUCTURE
ECR	END CURB RETURN	USD	UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA
TC	TOP OF CURB		
C/L	CENTERLINE		
MOD	MODIFIED	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DIST. SYSTEMS, CLARK COUNTY AREA, NEVADA
CONC	CONCRETE		
REQD	REQUIRED		
STD	STANDARD		

PROJECT BENCHMARK

CITY OF LAS VEGAS BENCHMARK: 1LV00 26W4 RIVET AND PLATE IN TOP OF CURB, NORTHEAST RETURN OF RAINBOW BLVD AND WASHINGTON AVE
ELEV. = 724.7549 METERS (PUBLISHED NAVD'88)
ELEV. = 2377.80 U.S. SURVEY FEET (CALCULATED NAVD'88)

CITY OF LAS VEGAS BENCHMARK: 0LV00 14SW5 RIVET AND PLATE IN TOP OF CURB, NORTHEAST RETURN OF SMOKE RANCH RD AND LORENZI BLVD
ELEV. = 708.7363 METERS (PUBLISHED NAVD'88)
ELEV. = 2325.25 U.S. SURVEY FEET (CALCULATED NAVD'88)

BASIS OF BEARINGS

NORTH 00°05'50" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 23, T. 20 S., R. 60 E. M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON FILE 80 OF PARCEL MAPS, AT PAGE 46.

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)
AND
CLARK COUNTY TRAFFIC MANAGEMENT
OPERATIONS UNIT (702) 455-7544



PROJ NO: W7X70800

DESIGN: DEP

DATE: 2/14/2002

SCALE: NONE

CADFILE: 70800-north-south

PROFESSIONAL ENGINEER-STATE OF NEVADA

DAVID E. POTTER

CIVIL

No. 8880

STAMP DATE: 10/2/02

RAINBOW BOULEVARD

SILVERSTREAM AVE. TO SMOKE RANCH ROAD

CONSTRUCTION NOTES, SYMBOLS & ABBREVIATIONS

SHEET

C-3

3 OF 110 SHEETS

DRAWING NO.

107-V3519