



NOTES:

1. THE CONTRACTOR SHALL MAINTAIN 1 LANE OPEN IN EACH DIRECTION AT ALL TIMES.
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL BUSINESS'S DURING CONSTRUCTION
3. VEHICLE RAMPS SHALL NOT EXCEED A MAXIMUM SLOPE OF 10:1
4. SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL REQUIREMENTS

NDOT CONTROLLED INTERSECTION SPECIAL NOTES:

1. ENCROACHMENT PERMIT HAS BEEN OBTAINED FROM NDOT ALLOWING FOR INSTALLATION OF BYPASS PUMPING EQUIPMENT AND PIPING.
2. BYPASS OPERATIONS WILL BE LIMITED TO PIPING INSTALLED PER RAMP SECTION DETAIL ON THIS SHEET.
3. ENCROACHMENT PERMIT WILL ALLOW BYPASS RAMP WITHIN NDOT CONTROLLED RIGHT OF WAY TO BE IN PLACE FOR A TIME PERIOD NOT TO EXCEED 5 CONSECUTIVE CALENDAR DAYS WHICH MUST INCLUDE A SATURDAY AND A SUNDAY.
4. BYPASS LINES SHALL BE 4" OR LESS IN NDOT R/W AREAS

TABLE A - Peaking Factors

Cumulative Average Flow	Peak Flow Factor ²
0.5 MGD	2.80
1.0 MGD	2.65
1.5 MGD	2.55
2.0 MGD	2.50
3.0 MGD	2.40
4.0 MGD	2.30
5.0 MGD	2.25
6.0 MGD	2.20
7.0 MGD	2.15

¹ For Cumulative Average Flow values, calculated from Table B1 and/or B2, between those shown use the higher of the two Peak Flow Factors.
² Southern Nevada Design and Construction Standards for Wastewater Collection Systems 1997, Clark County Sanitation District, Peaking Curves, Table C, Page T-3.

Table B2 - Estimated Average Flows Tributary to 21" and 24" Sewer

Flow #	Pipe Size	Observed Flow	Estimated Average Flow	Description
18	8"	Yes	0.143 MGD	El Cortez Hotel (ERU)
19	Unknown	No	0.016 MGD	El Cortez Parking
20	15"	Yes	Unknown	
21	15"	No	N/A	Overflow
22	18"	Yes (MH Inspection)	1.50 MGD	Flow Meter
23	10"	Yes	0.310 MGD	Flow Meter @ 6th St.
24	10"	No	N/A	Overflow
25	12"	Not clear	Unknown	Apparently Capped Stub
26	6"	Yes	0.003 MGD	LV Housing Authority (ERU)

NO.	REVISIONS	BY	DATE
JOB NO. LV01003			
DESIGN BY WDB			
DATE 03/02			
SCALE (V) N/A			
SCALE (H) 1"=40'			
CADFILE 003_B02			
PROJECT ENGINEERING CONSULTANTS, LTD. 4023 INDUSTRIAL RD., LAS VEGAS, NV. 89103 PHONE (702) 360-1044			
OGDEN BOULEVARD SEWER AND PAVEMENT REHABILITATION MAIN STREET TO 13th STREET SEWER BYPASS PLAN			
SHEET			
B-2			
24 OF 24 SHEETS			
DRAWING NO.			
307-V813			