

26-5-72

SUMMARY OF APPROXIMATE QUANTITIES

ITEM NO	DESCRIPTION	UNIT	TOTAL
201.10.00	CLEARING AND GRUBBING	L.S.	1
202.05.00	REMOVE DROP INLET	EA.	2 Δ
202.09.00	RELOCATE MAILBOX	EA.	12 Δ
202.35.01	REMOVE DRAINAGE PIPE	L.F.	420
402.18.03	HOT PLANTMIX BITUMINOUS SURFACE	TON	165 Δ
603.11.18	18-INCH R.C.P. (1350-D)	L.F.	144 Δ
603.11.19	18-INCH R.C.P. (2000-D)	L.F.	1086 Δ
603.11.24	24-INCH R.C.P. (1350-D)	L.F.	191 Δ
603.11.30	30-INCH R.C.P. (1300-D)	L.F.	136
603.11.54	54-INCH R.C.P. (1200-D)	L.F.	323 Δ
603.11.55	54-INCH R.C.P. (1300-D)	L.F.	2528
603.11.60	60-INCH R.C.P. (850-D)	L.F.	1216
603.11.61	60-INCH R.C.P. (1200-D)	L.F.	2861 Δ
603.11.66	66-INCH R.C.P. (850-D)	L.F.	1335 Δ
603.11.67	66-INCH R.C.P. (1000-D)	L.F.	534 Δ
603.61.18	14" X 23" HORIZONTAL ELLIPTICAL R.C.P. (CLASS H.E. IV)	L.F.	108 Δ
609.11.15	TYPE I M.H. PRE-CAST	EA.	8
609.11.16	TYPE II M.H. CAST-IN-PLACE	EA.	6
609.11.17	MODIFIED TYPE II M.H. CAST-IN-PLACE (JUNCTION M.H.)	EA.	1
609.11.18	60" ECCENTRIC DROP M.H.	EA.	1
609.13.42	4-TYPE "A" DROP INLET	EA.	5
609.13.44	7-TYPE "A" DROP INLET	EA.	4
609.13.49	4-TYPE "F" DROP INLET	EA.	1
623T.50.00	LOOP DETECTORS	L.S.	1 Δ
629.24.00	RELOCATE WATER METER AND BOX	EA.	3 Δ

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "IMPROVEMENT STANDARDS" 1983 AS REVISED AND "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" CLARK COUNTY AREA, NEVADA 1986, UNLESS OTHERWISE SPECIFIED BY NOTE ON THE PLANS AND/OR SPECIAL PROVISIONS.
- LOCATIONS OF UTILITIES SHOWN ON DRAWINGS ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATIONS OF ALL UTILITIES LIKELY TO BE AFFECTED BY HIS WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED PROMPTLY IN A SATISFACTORY MANNER AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 48 (FORTY-EIGHT) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE OWNING UTILITY COMPANY SHALL BE RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL POWER POLES, TELEPHONE POLES, JOINTLY-OWNED POLES AND RELATIVE APPURTENANCES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.
- THE SOUTHWEST GAS COMPANY SHALL BE RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL GAS LINES AND APPURTENANCES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.
- THE CENTRAL TELEPHONE COMPANY SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF TELEPHONE MANHOLES AND UNDERGROUND TELEPHONE LINES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.
- THE NEVADA POWER COMPANY SHALL BE RESPONSIBLE FOR THE RELOCATION OF UNDERGROUND POWERLINES 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 AS INDICATED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF ALL CITY OF LAS VEGAS SANITATION DISTRICT MANHOLES UNLESS NOTIFIED OTHERWISE BY THE ENGINEER.
- WATER METERS REQUIRING HORIZONTAL RELOCATION WILL BE RELOCATED BY THE LAS VEGAS VALLEY WATER DISTRICT.
- THE FINISH GRADE INDICATED ON THE PLANS IS TOP OF THE PLANTMIX BITUMINOUS SURFACE.
- THE OPEN ENDS OF ALL LATERALS SHALL BE COVERED WITH (3/4) INCH EXTERIOR GRADE PLYWOOD TO PREVENT SUBGRADE OR OTHER MATERIALS FROM ENTERING THE PIPE DURING BACKFILLING OF TRENCH. COMPENSATION FOR PLYWOOD COVER IS CONSIDERED AS BEING INCLUDED IN THE PRICE OF THE PIPE COVERED.
- ALL DROP INLETS SHALL BE CONSTRUCTED WITH A (9") NINE INCH CURB FACE.
- ALL CONSTRUCTION SIGNING, BARRICADING AND TRAFFIC DELINEATION SHALL CONFORM TO THE "NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK-1985" AND TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES-1978" WITH REVISION NO. 4, MARCH 1986.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC ENGINEER.
- CONTRACTOR SHALL NOTIFY THE NEVADA DEPARTMENT OF TRANSPORTATION DISTRICT ENGINEER 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION WITHIN THE RANCHO DRIVE AND SMOKE RANCH ROAD INTERSECTION.

ABBREVIATIONS

E.O.	EDGE OF OIL
C&G	CURB AND GUTTER
EXIST.	EXISTING
P.C.	POINT OF CURVATURE
P.T.	POINT OF TANGENCY
SW.	SIDEWALK
R/W	RIGHT OF WAY
B.C.	BACK OF CURB
A.C.	ASPHALTIC CONCRETE
V.G.	VALLEY GUTTER
V.C.	VERTICAL CURVE
L.F.	LINEAR FEET
T.C.	TOP OF CURB
B.C.R.	BACK OF CURB RADIUS
CONC.	CONCRETE
¢	CENTERLINE
DWY.	DRIVEWAY
FG.	FINISHED GRADE (TOP OF DENSE GRADE)
D.I.	DROP INLET
ELEV.	ELEVATION
FL.	FLOWLINE
G.B.	GRADE BREAK
V.C.P.	VITRIFIED CLAY PIPE
INV.	INVERT
L.O.C.	LENGTH OF CURB
M.H.	MANHOLE
PAV'T.	PAVEMENT
R.C.P.	REINFORCED CONCRETE PIPE
SD	STORM DRAIN
(TYP)	TYPICAL
C.C.	CLARK COUNTY
R.P.	RADIUS POINT
STD.	STANDARD
TRANS.	TRANSITION
LT.	LEFT
RT.	RIGHT
O.C.	ON CENTER
MIN.	MINIMUM
MAX.	MAXIMUM
NTS.	NOT TO SCALE
CONST.	CONSTRUCTION OR CONSTRUCT
DIAG.	DIAGONAL
DIA.	DIAMETER
C.M.P.	CORRUGATED METAL PIPE
RELO.	RELOCATED OR RELOCATION
COMM. DWY.	COMMERCIAL DRIVEWAY
RES. DWY.	RESIDENTIAL DRIVEWAY
B.W.	BACK OF WALK (SIDEWALK)
BITUM.	BITUMINOUS
AGGR.	AGGREGATE
MAT'L.	MATERIAL
C.M.A.P.	CORRUGATED METAL ARCH PIPE
§	SURVEY LINE

LEGEND

	REMOVAL ITEM, CONSTRUCTION ITEM
	CENTERLINE W/ STATION
	RIGHT-OF-WAY LINE
	EXISTING/PROPOSED/FUTURE DROP INLET
	EXISTING / FUTURE CURB AND GUTTER
	EXISTING/PROPOSED UNDERGROUND UTILITY
	S=SANITARY SEWER, W=WATER, T=TELEPHONE, G=GAS, P=POWER, SD=STORM DRAIN, TR=TRAFFIC SIGNAL, E=ELECTRICAL, IF OVERHEAD, OT, OP etc.
	EXISTING/PROPOSED MANHOLE
	EXISTING WATER/GAS VALVE
	EXISTING/PROPOSED EDGE OF OIL
	EXISTING/FUTURE DRIVEWAY
	EXISTING BLOCKWALL/FENCE
	EXISTING/PROPOSED ELEVATION
	SECTION LINE
	EXISTING TELEPHONE AND/OR POWER POLE
	EXISTING FIRE HYDRANT
	FLOWLINE
	EXISTING MAILBOX
	EXISTING ROCKWALL/PLANTER
	EXISTING SIGN (RESIDENTIAL)
	EXISTING TRAFFIC SIGNAL/STREET LIGHT BOX
	BENCHMARK
	EXISTING WATER METER
	SAWCUT LINE

CONSTRUCTION NOTES

- SAWCUT AND MATCH EXISTING PAVEMENT
 - ITEM TO REMAIN
- REMOVAL ITEM**
- REMOVE EXISTING DRAINAGE PIPE
 - TO BE REMOVED AND/OR RELOCATED
 - REMOVE EXISTING DROP INLET

BENCH MARK:
IRON PIN W/2" X 3" PLATE; SMOKE RANCH ROAD & STA. 9+01.50, 43.6' RT.; ELEVATION: 2255.18 *
*ELEVATION PER CLARK COUNTY VERTICAL DATUM IS 2254.92 (1987)

BASIS OF BEARING:
SOUTH LINE OF THE SE 1/4 OF SECTION 13 RECORDED AS N88°42'42"W PER FILE 2, PAGE 23,
OF RECORD OF SURVEYS.

William F. Pennington
3/5/87

4/17/87	REVISIONS PER ADDENDUM #1	K.T.L.
6/18/87	REVISIONS PER NEW JONES S.D. ALIGNMENT & SHIFTED M.H. NO 15	K.T.L.
REV. NO.	DATE	DESCRIPTION

DESIGNED BY: *W. Pennington, K. Lambert*
DRAWN BY: *K.T.L. CHARTERS*
CHECKED BY: *William F. Pennington*

CLARK COUNTY NEVADA
DEPARTMENT OF PUBLIC WORKS

SMOKE RANCH ROAD STORM DRAIN
SUMMARY OF APPROXIMATE QUANTITIES, GENERAL NOTES,
ABBREVIATIONS, LEGEND AND CONSTRUCTION NOTES

SCALE	HORZ. : _____ VERT. : _____	DRAWING NO.
PROJECT NO.	830524R	L-750A
FIELD BOOK		SHT. 2 OF 13