

**SCHEDULE OF QUANTITIES**

F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	4

CITY OF MENDOTA  
CONTRACT NO. 87353

INLET TYPE A WITH TYPE 3 FRAME AND GRATE		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
44' LT STA 0+11	1	4.2
13.0' LT STA 0+40	1	3.9
13.0' RT STA 0+40	1	4.1
13.0' RT STA 3+85	1	2.0
13.0' LT STA 4+00	1	2.0
13.0' LT STA 8+33.4	1	2.0
13.0' RT STA 8+33.4	1	2.0
13.0' LT STA 10+25	1	3.2
26.12' LT STA 12+78.13	1	2.5
13.0' LT STA 15+45	1	2.5
13.0' RT STA 15+45	1	2.5
13.0' RT STA 15+50	1	2.5
13.0' RT STA 17+00	1	2.5
13.0' LT STA 17+65	1	2.5
13.0' RT STA 17+65	1	2.8
13.0' LT STA 20+00	1	3.9
13.0' RT STA 20+00	1	3.0
13.0' RT STA 21+87	1	3.5
38.7' LT STA 21+38.68	1	1.5
13.0' LT STA 26+06	1	5.6
13.0' LT STA 26+24	1	1.5
13.0' RT STA 26+24	1	1.5
20.9' RT STA 26+42.6	1	2.0
<b>TOTAL</b>	<b>23</b>	<b>64.2</b>

MANHOLE TYPE A 4' DIA FR & TYPE 1 OPEN LID			
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y	INLET & PIPE PROTECT. EACH
32' RT STA 4+66.72	1	0	1
32' RT STA 9+00	1	0	1
26.75' LT STA 18+10	1	0	1
28' LT STA 17+65	1	0	1
<b>TOTAL</b>	<b>4</b>	<b>0</b>	<b>4</b>

MANHOLE TYPE A 4' DIA FR & TYPE 1 CLOSED LID		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
26.75' LT STA 17+00	1	8.0
26.75' LT STA 20+00	1	0
20.75' RT STA 20+00	1	0
20.75' RT STA 21+87	1	0
<b>TOTAL</b>	<b>4</b>	<b>8.0</b>

STORM SEWER CLASS A TYPE 1, 12" DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
13.0' RT STA 3+85 TO 13.0' LT STA 4+00	35	12	16
13.0' LT STA 4+00 TO 33.7' LT STA 4+19.57	28	12	15
13.0' LT STA 8+33.4 TO 13.0' RT STA 8+33.4	32	11	15
13.0' LT STA 11+45 TO 13.0' LT STA 11+50	7	3	3
34' LT STA 12+40 TO 21' RT STA 12+40	55	17	16
34' LT STA 12+40 TO 26.12' LT STA 12+78.13	37	2	0
13.0' LT STA 15+45 TO 13.0' LT STA 15+50	7	2	3
13.0' RT STA 15+45 TO 13.0' RT STA 15+50	7	3	3
13.0' RT STA 15+50 TO 26.75' LT STA 15+50	41	12	18
13.0' RT STA 17+00 TO 26.75' LT STA 17+00	41	14	18
13.0' RT STA 17+65 TO 26.75' LT STA 17+65	42	17	18
20.75' RT STA 20+00 TO 26.75' LT STA 20+00	48	20	18
38.7' LT STA 21+38.68 TO 13.0' LT STA 21+87	35	9	7
38.7' LT STA 21+38.68 TO 38.7' LT STA 21+61.04	25	4	11
23' LT STA 26+24 TO 13.0' RT STA 26+24	42	8	19
15.9' RT STA 26+42.6 TO 20.9' RT STA 26+42.6	5	6	4
<b>TOTAL</b>	<b>487</b>	<b>152</b>	<b>176</b>

INLET TYPE A WITH TYPE 1 OPEN LID			
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y	INLET & PIPE PROTECT. EACH
29' LT STA 10+25	1	0	1
30' LT STA 11+50	1	0	1
23' LT STA 26+27	1	2.0	1
<b>TOTAL</b>	<b>3</b>	<b>2.0</b>	<b>3</b>

DRAINAGE OUTLET STRUCTURES							
LOCATION	METAL END SECTION 18" EACH	METAL END SECTION 12" EACH	PRECAST REINF CONC FLARED END SEC 12" EACH	PRECAST REINF CONC FLARED END SEC 18" EACH	STONE RIPRAP CLASS A 4 SQ YD	FILTER FABRIC FOR RIPRAP SQ YD	INLET & PIPE PROTECT. EACH
44' RT STA 9+76	1	0	0	0	17	17	0
28' RT STA 10+25	0	0	0	1	17	17	0
24' RT STA 11+50	0	0	0	1	17	17	0
21' RT STA 12+40	0	0	1	0	17	17	0
27' LT STA 14+38	1	0	0	0	30	30	0
34' RT STA 26+33	0	1	0	0	0	0	1
<b>TOTAL</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>98</b>	<b>98</b>	<b>1</b>

STORM SEWER CLASS B TYPE 2, 12" DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
44' LT STA 0+11 TO 35' LT STA 0+39.6	30	9	4
35' LT STA 0+39.6 TO 13.0' LT STA 0+40	21	8	4
13.0' LT STA 0+40 TO 13.0' RT STA 0+40	30	29	19
13.0' RT STA 0+40 TO 59.2' RT STA 0+38.3	45	27	20
33.7' LT STA 4+19.57 TO 33.7' LT STA 4+47.52	28	7	14
33.7' LT STA 4+47.52 TO 13.0' LT STA 4+66.72	28	5	9
13.0' LT STA 4+66.72 TO 32' RT STA 4+66.72	46	12	16
13.0' LT STA 8+33.4 TO 44.8' LT STA 8+37	32	3	4
44.8' LT STA 8+37 TO 33.9' LT STA 8+53.4	19	4	4
20.75' RT STA 20+00 TO 20.75' RT STA 21+87	187	24	13
13.0' LT STA 21+87 TO 20.75' RT STA 21+87	35	19	18
13.0' RT STA 26+24 TO 34' RT STA 26+33	20	2	2
<b>TOTAL</b>	<b>521</b>	<b>149</b>	<b>117</b>

INLET TYPE B WITH TYPE 3 FRAME AND GRATE		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
33.7' LT STA 4+19.57	1	2.0
33.7' LT STA 4+47.52	1	3.0
13.0' LT STA 4+66.72	1	2.5
13.0' RT STA 4+66.72	1	3.2
33.9' LT STA 8+53.4	1	3.2
33.9' LT STA 8+77.4	1	3.2
13.0' LT STA 9+00	1	2.5
13.0' RT STA 9+00	1	3.0
13.0' LT STA 11+45	1	3.0
13.0' LT STA 11+50	1	3.0
26.75' LT STA 17+08.8	1	2.5
26.75' LT STA 17+41.5	1	3.2
13.0' LT STA 21+87	1	3.5
38.7' LT STA 21+61.04	1	2.0
<b>TOTAL</b>	<b>14</b>	<b>39.8</b>

CONNECTION OF EXISTING STORM SEWER TO NEW INLETS WITH CONCRETE MATERIALS		CONNECTION OF NEW STORM SEWER TO EXISTING INLETS WITH CONCRETE MATERIALS	
LOCATION	QUANTITY EACH	LOCATION	QUANTITY EACH
17.4' LT STA 8+35	1	59.2' RT STA 0+38.3	1
13.0' RT STA 17+00	1		
26.75' LT STA 17+00	1		
13.0' LT STA 26+06	1		
<b>TOTAL</b>	<b>4</b>	<b>TOTAL</b>	<b>1</b>

**NOTE:** THE CONNECTION OF THE EXISTING STORM SEWER TO THE NEW INLET SHALL BE INCLUDED IN THE UNIT BID PRICE OF THE NEW INLET

**NOTE:** THE CONNECTION OF THE NEW STORM SEWER TO THE EXISTING INLET AT THIS LOCATION SHALL BE INCLUDED IN THE UNIT BID PRICE OF THE NEW STORM SEWER

PLUG EXISTING CULVERTS WITH CONCRETE MATERIALS (SEE NOTE)		
LOCATION	QUANTITY EACH	TR BACKFILL C Y
24' LT STA 12+32	1	4
<b>TOTAL</b>	<b>1</b>	<b>4</b>

**NOTE:** THE CAPPING OF THIS EXISTING CULVERT WITH CONCRETE MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF FURNISHED EXCAVATION

STORM SEWER CLASS A TYPE 1 15' DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
33.9' LT STA 8+53.4 TO 39.9' LT STA 8+77.4	25	16	13
33.9' LT STA 8+77.4 TO 13.0' LT STA 9+00	30	5	5
13.0' LT STA 9+00 TO 36' RT STA 9+00	50	12	16
26.75' LT STA 17+00 TO 28' LT STA 17+65	65	18	18
<b>TOTAL</b>	<b>170</b>	<b>51</b>	<b>52</b>

INLET TYPE B WITH TYPE 1 CLOSED LID		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
35' LT STA 0+39.6	1	0
17.4' LT STA 8+35	1	6.0
<b>TOTAL</b>	<b>2</b>	<b>6.0</b>

RELOCATION OF EXISTING FIRE HYDRANTS				
EXISTING LOCATION	NEW LOCATION	FIRE HYDRANT EACH	6" DIA DCI WATERMAIN FEET	TRENCH BACKFILL C Y
15' RT STA 25+83	20' RT STA 25+83	1	5	5

STORM SEWER CLASS B TYPE 2 15' DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
32' RT STA 4+66.72 TO 32' RT STA 8+33.4	367	0	
32' RT STA 8+33.4 TO 32' RT STA 9+00	67	0	
26.75' LT STA 15+50 TO 26.75' LT STA 15+00	130	0	
28' LT STA 17+65 TO 26.75' LT STA 20+00	235	40	12
<b>TOTAL</b>	<b>819</b>	<b>40</b>	<b>12</b>

INLET TYPE B WITH TYPE 1 OPEN LID			
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y	INLET & PIPE PROTECT. EACH
44.8' LT STA 8+37	1	0	1
32' RT STA 8+33.4	1	0	1
34' LT STA 12+40	1	0	1
<b>TOTAL</b>	<b>3</b>	<b>0</b>	<b>3</b>

SCHEDULE OF EARTHWORK -- SEE NOTE BELOW				
LOCATION	PAY ITEM EARTH EXCAVATION CU YD	GROSS FURNISHED EXCAVATION (INCLUDES TOPSOIL) CU YD	PAY ITEM TOPSOIL, 4" F & PLAC SQ YD	PAY ITEM FURNISHED EXCAVATION (DEDUCTS TOPSOIL) CU YD
STA 0+00 TO STA 13+00	559	737	3835	315
STA 13+29 TO STA 26+54	1487	353	4109	-99
<b>TOTALS</b>	<b>2046</b>	<b>1090</b>	<b>7944</b>	<b>216</b>

STORM SEWER CLASS A TYPE 1 18" DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
30' LT STA 10+25 TO 28' RT STA 10+25	58	20	22
30' LT STA 11+50 TO 24' RT STA 11+50	54	10	17
<b>TOTAL</b>	<b>112</b>	<b>30</b>	<b>39</b>

SCHEDULE OF SEEDING (INSTALLED BY CITY OF MENDOTA)				
LOCATION	SEEDING CL 1 ACRE	NITROGEN POUND	PHOSPHOROUS POUND	POTASSIUM POUND
STA 0+00 TO STA 13+00	0.78	71	71	71
STA 13+29 TO STA 26+54	0.39	36	36	36
<b>TOTALS</b>	<b>1.17</b>	<b>107</b>	<b>107</b>	<b>107</b>

**NOTE:** SEEDING IS NOT INCLUDED IN THIS CONTRACT. IT SHALL BE PERFORMED BY CITY OF MENDOTA FORCES IMMEDIATELY UPON COMPLETION OF THE TOPSOIL PLACEMENT BY THE CONTRACTOR. THE REQUIRED RAKING AND/OR TILLING OF THE 4" TOPSOIL MATERIALS NEEDED TO RECEIVE SEEDING SHALL ALSO BE PERFORMED BY CITY OF MENDOTA FORCES.

**NOTE:** THE ABOVE EARTH EXCAVATION SCHEDULE INCLUDES ALL EXCAVATION REQUIRED FOR BASE C&E WIDENING, MAINLINE SIDEWALK, CONCRETE CURB AND GUTTER, PARKING LOT CONSTRUCTION (STA 0+50 TO STA 2+30), PAVEMENT REMOVAL (STA 14+50 TO STA 19+50) AND ALL OTHER AREAS BEHIND THE BACK OF CURB AS SHOWN ON THE PLAN CROSS SECTIONS.

EXCESS EARTH EXCAVATION MATERIALS SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR. THE COST OF DISPOSING THIS EXCESS MATERIAL SHALL BE INCLUDED IN THE UNIT BID PRICE OF EARTH EXCAVATION

APPROVED ORGANIC SOILS REMOVED WITH EARTH AND TRENCH EXCAVATION CONSTRUCTION MAY BE RE-USED AND PLACED AS TOPSOIL MATERIAL TO THE ELEVATION AND GRADES ESTABLISHED AND SHOWN ON THE PLAN DETAILS.

THE GROSS FURNISHED EXCAVATION QUANTITIES INCLUDE TOPSOIL. A SHRINKAGE FACTOR OF 25 PER CENT WAS APPLIED TO BOTH THE FURNISHED EXCAVATION AND TOPSOIL QUANTITIES.

THE PAVEMENT STRUCTURAL MATERIALS FROM STA 14+50 TO STA 19+50 (INCLUDED IN THE EXCAVATION QUANTITIES) SHALL BE DISPOSED OF OFF SITE. THEY WILL NOT BE PERMITTED FOR USE AS EMBANKMENT FURNISHED EXCAVATION AT OTHER LOCATIONS ON THE SITE.

**NOTE:** SHOULD THE CONTRACTOR ELECT TO USE PVC PIPE MATERIALS FOR CLASS B TYPE 2 STORM SEWER, A DEFLECTION TEST IN ACCORDANCE WITH ARTICLE 550.08 OF THE STANDARD SPECIFICATIONS SHALL BE REQUIRED. THE TEST COST SHALL BE INCLUDED IN THE UNIT BID PRICE OF THE STORM SEWER.