REQUIRED QUANTITIES PER SHEET

GA. EDF-017-3(39) 12 194

QUANTITIES SHEET NO. 11

STA. 13+00 TO STA. 26+00

EARTHWORK QUANTITIES

STATION	CU. YD. ②UNCLASS. EXCAVATION	CU. YD. ③UNCLASS EXCAVATION SHRINKAGE	CU. YD. EMBANKMENT	CU. YD. ④BORROW	CU. YD. ⑤BORROW	COMMENTS
MAINLINE	22,364	19009	479			
24+25 RT	83.5	71				
LEG 'A'	520	442				
TOTAL	22967.5	19522	479			

② NEAT VOLUME
③ A SHRINKAGE FACTOR OF 15 PERCENT HAS BEEN APPLIED TO THE EXCAVATION QUANTITIES WITHIN THE CONSTRUCTION AREA
④ A SHRINKAGE FACTOR OF 15 PERCENT HAS BEEN APPLIED TO THE NEAT BORROW TO OBTAIN THE ADJUSTED BORROW PIT QUANTITY

CLEARING AND GRUBBING

ITEM	UNIT	AMOUNT
LUMP SUM	ACRE	4.21

THE TOTAL ACREAGE IN THE RIGHT OF WAY, CONSTRUCTION EASEMENTS SHOWN FOR CLEARING AND GRUBBING (LUMP SUM) IS FOR ESTIMATING PURPOSES ONLY.
IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE TOTAL ACREAGE SHOWN IN CASE HE ELECTS TO USE THE PLAN QUANTITY IN ESTABLISHING HIS BID PRICE. NO CLAIMS WILL BE CONSIDERED FOR EXTRA COMPENSATION IN CASE THE ACREAGE SHOWN IS LESS THAN THE ACTUAL ACREAGE, NOR WILL THE DEPARTMENT OF TRANSPORTATION CLAIM ANY REDUCTION IN PAYMENT IN CASE THE ACREAGE SHOWN EXCEEDS THE ACTUAL ACREAGE.

GRASSING

	UNIT	QUANTITY	FERTILIZER MIXED GRADE TON	FERTILIZER NITROGEN CONTENT LB.	AGRICULTURAL LIME TON
	ACRE	2.44	2.20	122	7.32
TOTAL		2.44	2.20	122	7.32

(FOR ESTIMATING PURPOSES ONLY)

STORM DRAIN PIPE, SLOPE DRAIN PIPE, REINFORCED CONCRETE BOX CULVERTS

STATION	SKEW	STORM DRAIN PIPE-LIN. FT. 15"	18"	24"	36"	42"	48"	FT.	SIDE DRAIN PIPE LIN. FT. 15"	18"	24"	30"	EACH	REINFORCED CONCRETE BOX CULVERTS INCLUDING APRONS: LIN. FT.	FT. X FT.	STANDARD	DESIGN	BAR REINFORCING STEEL LB	CLASS "AA" CONCRETE CU.YD.	FOUNDATION BACKFILL MATERIAL-TYPE II CU.YD.	GA. STD. 903.1-S OR 903.1-S PRECAST GROUP 1: MEDIAN DROP INLET (reg) LIN. FT. LESS EA.	GROUP 1: MEDIAN DROP INLET (reg) LIN. FT. LESS EA.	GROUP 1: ADDITIONAL DEPTH LIN. FT.	GROUP 2: MEDIAN DROP INLET (reg) LIN. FT. LESS EA.	GROUP 2: ADDITIONAL DEPTH LIN. FT.	CATCH BASIN GA. STD. 1033-D EA.
21+76	66°		76					1-10																		1
TOTALS			76																							1

REMOVE PARAPETS AND WING WALLS

STATION	SIDE	SIZE OF BOX CULVERT	EACH
TOTAL			

DITCH PROTECTION

STATION TO STATION	SIDE	BITUMINUS TREATED GLASS FIBER MULCH S.Y	PERMANENT SOIL REINFORCING MAT. S.Y
26+50-26+80	RT		184
TOTAL			184

CURB & GUTTER

6" X 30" - TY. 2	L.F.
	2205

HEADER CURB

6" - TYPE 2	350 L.F

4" CONC. MEDIAN ISLANDS

S.Y.	505

PAVEMENT

STATION	1-1/2" TON	2" TON	4" TON	8" S.Y.		TACK COAT, GAL.	6" AGGR. SURFACE COURSE TON
MAINLINE	1005	1342	1661	9965		660	
STA. 19+40 DRIVE RT.	1.6	1.8				0.6	
STA. 24+25 EXISTING RT							23
TOTAL	1006	1342	1661	9965		661	23

EROSION CONTROL

STATION	SILT GATES TY 1	TY 3	TY 4	SILT FENCE LF	SLOPE DRAIN LF	STRAW MULCH SY
20+00 TO 21+00 LT.						76
22+00 TO 22+80 LT.					1	80
TOTALS						162

CONCRETE RIGHT OF WAY MARKERS

STATION	SIDE	EACH
17 + 84.88	R	1
17 + 33.94	R	1
22 + 34.15	R	1
23 + 95.93	R	1
25 + 23.88	R	1
22 + 45.1130	L	1
22 + 58.46	L	1
23 + 95.93	L	1
24 + 97.85	L	1
20 + 78.21	R	1
22 + 81.69	L	1
25 + 32.59	L	1
TOTAL		12

WOVEN WIRE FENCE (L.F.)

872'

4" CONC. SIDEWALK

STA. TO STA	S.Y.
13+00 - 19+30	350

QUANTITIES SHEET NO. 13

STA. 26+00 TO STA. 41+00

EARTHWORK QUANTITIES

STATION	②UNCLASS EXCAVATION CU. YD.	③UNCLASS EXCAVATION SHRINKAGE CU. YD.	EMBANKMENT CU. YD.	⑤BORROW CU. YD.	④BORROW CU. YD.	COMMENTS
MAINLINE	54,954	46,711	1719			
39+60 DRIVE LT.	-	-	106.8			
TOTAL	54,954	46,711	18.26			

② NEAT VOLUME
③ A SHRINKAGE FACTOR OF 15 PERCENT HAS BEEN APPLIED TO THE EXCAVATION QUANTITIES WITHIN THE CONSTRUCTION AREA.
④ A SHRINKAGE FACTOR OF 15 PERCENT HAS BEEN APPLIED TO THE NEAT BORROW TO OBTAIN THE ADJUSTED BORROW PIT QUANTITY

CLEARING AND GRUBBING

ITEM	UNIT	AMOUNT
LUMP SUM	ACRE	7.00

THE TOTAL ACREAGE IN THE RIGHT OF WAY, CONSTRUCTION EASEMENTS SHOWN FOR CLEARING AND GRUBBING (LUMP SUM) IS FOR ESTIMATING PURPOSES ONLY.
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GRASSING

	UNIT	QUANTITY	FERTILIZER MIXED GRADE TON	FERTILIZER NITROGEN CONTENT LB	AGRICULTURAL LIME TON
LUMP SUM	ACRE	4.80	4.32	240	14.4
TOTAL		4.80	4.32	240	14.4

(FOR ESTIMATING PURPOSES ONLY)

STORM DRAIN PIPE, SLOPE DRAIN PIPE, REINFORCED CONCRETE BOX CULVERTS

STATION	SKEW	STORM DRAIN PIPE-LIN. FT. 15"	18"	24"	36"	42"	48"	FT.	SIDE DRAIN PIPE LIN. FT. 15"	18"	24"	30"	EACH	CONCRETE FLARED END SECTION GA. STD. 1120: LENGTH LIN. FT.	SIZE FT. X FT.	STANDARD	DESIGN	HEADWALLS GA. STD. 1125 CLASS "A" CONCRETE INCL. STEEL: INLET CU.YD.	OUTLET CU.YD.	FOUNDATION BACKFILL MATERIAL-TYPE II CU.YD.	GA. STD. 903.1-S OR 903.1-S PRECAST GROUP 1: MEDIAN DROP INLET (reg) LIN. FT. LESS EA.	GROUP 1: MEDIAN DROP INLET (reg) LIN. FT. LESS EA.	GROUP 1: ADDITIONAL DEPTH LIN. FT.	GROUP 2: MEDIAN DROP INLET (reg) LIN. FT. LESS EA.	GROUP 2: ADDITIONAL DEPTH LIN. FT.
27+40					102			1-10										292	305						
TOTALS					102																				

REMOVE PARAPETS AND WING WALLS

STATION	SIDE	SIZE OF BOX CULVERT	EACH
TOTAL			

DITCH PROTECTION

STATION TO STATION	SIDE	BITUMINUS TREATED GLASS FIBER MULCH S.Y	PERMANENT SOIL REFORCING MAT. S.Y
26+22 - 36+50	RT		1039
33+00 - 39+25	LT.	334	
TOTAL		334	1039

GUARDRAIL

STATION	SIDE	BEAM TYPE "W" LF	ANCHORAGE TYPE I EA.
39+70 TO 41+00	LT	135	1

WOVEN WIRE FENCE (L.F.)

2715'

PAVEMENT

STATION	1-1/2" TON	2" TON	4" TON	8" S.Y.		TACK COAT, GAL.	6" AGGR. SURF. COURSE TON
MAINLINE	891.25	1196.38	1661.98	10,690		735	
PAVED SHOULDER		75.00	150.00			30	
STA. 39+60 DRIVE LT.	8.1	10.9				3.3	
STA. 28+00 DRIVE LT.							46
TOTAL	899.35	1282.28	1811.98	10,690		768.3	46

EROSION CONTROL

STATION	SILT GATES TY 1	TY 3	TY 4	BALED STRAW LF	SLOPE DRAIN LF	STRAW MULCH SY
26+00 TO 31+00				560		
27+00					14	
40+30 TO 41+00				70		
26+00 TO 41+00 LT.						502
TOTALS				630	14	502

CONCRETE RIGHT OF WAY MARKERS

STATION	SIDE	EA.
26 + 18.87	R	1
28 + 62.24	R	1
33 + 16.02	R	1
33 + 75.84	R	1
34 + 94.66	R	1
35 + 30.37	R	1
29 + 75.99	R	1
28 + 62.24	L	1
30 + 89.83	L	1
33 + 75.84	L	1
34 + 35.00	L	1
36 + 18.52	L	1
39 + 20.52	L	1
39 + 24.60	L	1
TOTAL		14

CONC. DOWELED INTEGRAL CURB

TYPE 4	125 LF