

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	483
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	194
20200100	EARTH EXCAVATION	CU YD	1,135
20300100	CHANNEL EXCAVATION	CU YD	540
20400800	FURNISHED EXCAVATION	CU YD	2,450
① 20900110	POROUS GRANULAR BACKFILL	CU YD	95
① 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,500
28000305	TEMPORARY DITCH CHECKS	FOOT	252
28000400	PERIMETER EROSION BARRIER	FOOT	1,270
28100209	STONE RIPRAP, CLASS A5	TON	1,190
28200200	FILTER FABRIC	SQ YD	1,360
28300400	AGGREGATE DITCH	TON	295
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	1,555
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	85
50200300	COFFERDAM EXCAVATION	CU YD	85
① 50201101	COFFERDAM (TYPE 1) (LOCATION-1)	EACH	1
① 50201102	COFFERDAM (TYPE 1) (LOCATION-2)	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	152.5
50300255	CONCRETE SUPERSTRUCTURE	CU YD	170.1
50300260	BRIDGE DECK GROOVING	SQ YD	565
50300280	CONCRETE ENCASEMENT	CU YD	20.9
50300300	PROTECTIVE COAT	SQ YD	680
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	3,120
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	56,730
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	424
51201400	FURNISHING STEEL PILES HP10x42	FOOT	246
51201610	FURNISHING STEEL PILES HP12x63	FOOT	558
51202305	DRIVING PILES	FOOT	246
51203400	TEST PILE STEEL HP10x42	EACH	2
51500100	NAME PLATES	EACH	1
52100520	ANCHOR BOLTS, 1"	EACH	40
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	53
Δ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2
63200310	GUARDRAIL REMOVAL	FOOT	408
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	10
67100100	MOBILIZATION	L SUM	1
① 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
① X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.5
① X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
① Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	104
① Z0065000	SETTING PILES IN ROCK	EACH	12
① Z0015798	CONSTRUCTION LAYOUT	L SUM	1

Δ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: 0011
BRIDGE TYPE: X071

EARTHWORK SUMMARY

STATION TO STATION	EARTH EXCAVATION		CHANNEL EXCAVATION	STRUCTURE EXCAVATION	COFFERDAM EXCAVATION	FILL		WASTE (SHORTAGE)
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
RDWY 16+50.00 - 18+94.00	1,030					773		(1)
RDWY 21+06.00 - 26+25.00	103					2,526		(2,449)
CHANNEL			540					
STRUCTURE				85				
COFFERDAM					85			
TOTAL	1,133		540	85	85	3,299		(2,450)
USE	1,135		540	85	85	-		(2,450)

(@ 25% SHRINKAGE)

TRAFFIC BARRIER TERMINAL, TYPE 5A

SIDE	STATION TO STATION	EACH
RIGHT	18+84.23 - 18+97.48	1
LEFT	21+02.52 - 21+15.77	1
TOTAL		2

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

SIDE	STATION TO STATION	EACH
RIGHT	18+34.23 - 18+84.23	1
LEFT	21+15.77 - 21+65.77	1
TOTAL		2

PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
16+50 - 16+73	RIGHT	30
18+75 - 18+88	LEFT	55
21+00 - 26+25	LEFT	555
21+12 - 26+25	RIGHT	630
TOTAL		1,270

GUARDRAIL REMOVAL

STATION TO STATION	SIDE	FOOT
17+94 - 18+96	LEFT	102
18+00 - 19+02	RIGHT	102
20+98 - 22+00	LEFT	102
21+04 - 22+06	RIGHT	102
TOTAL		408

TEMPORARY DITCH CHECKS

STATION	SIDE	FOOT
17+80	RIGHT	12
17+90	RIGHT	12
18+00	RIGHT	12
18+05	LEFT	12
18+10	RIGHT	12
18+15	LEFT	12
18+20	RIGHT	12
18+25	LEFT	12
18+30	RIGHT	12
18+35	LEFT	12
18+40	RIGHT	12
18+45	LEFT	12
18+50	RIGHT	12
18+55	LEFT	12
18+60	RIGHT	12
18+65	LEFT	12
18+70	RIGHT	12
18+75	LEFT	12
18+80	RIGHT	12
18+90	RIGHT	12
19+00	RIGHT	12
TOTAL		252

FURNISHING AND ERECTING RIGHT OF WAY MARKERS

STATION	OFFSET	SIDE	EACH
17+15.0	60'	RIGHT	1
18+00.0	65'	LEFT	1
18+00.0	85'	RIGHT	1
18+25.0	75'	LEFT	1
18+50.0	85'	RIGHT	1
18+75.0	75'	LEFT	1
19+00.0	60'	RIGHT	1
19+00.0	65'	LEFT	1
22+25.0	60'	RIGHT	1
22+25.0	50'	RIGHT	1
TOTAL			10

TREE REMOVAL

STATION	OFFSET	SIDE	6 TO 15 UNITS	OVER 15 UNITS
16+32	57'	LEFT	12	
16+44	59'	LEFT	8	
16+49	55'	LEFT	10	
16+55	58'	LEFT	12	
16+60	53'	LEFT	8	
16+61	57'	LEFT	13	
16+70	61'	LEFT	12	
16+80	62'	LEFT	14	
16+82	58'	LEFT	14	
17+07	46'	LEFT	12	
17+63	49'	RIGHT	14	
18+11	55'	RIGHT	14	
18+15	40'	LEFT		16
18+33	77'	RIGHT		20
18+36	54'	LEFT	12	
18+37	30'	RIGHT	8	
18+40	30'	RIGHT	6	
18+46	63'	LEFT	10	
18+50	50'	LEFT	7	
18+56	51'	RIGHT	9	
18+57	61'	LEFT	7	
18+66	48'	LEFT	15	
18+79	63'	RIGHT	6	
18+80	55'	LEFT	12	
19+21	42'	RIGHT	6	
19+23	63'	LEFT	15	
19+25	56'	LEFT	15	
19+40	30'	RIGHT	8	
19+46	43'	RIGHT	12	
19+58	53'	RIGHT	12	
20+13	62'	LEFT		26
20+35	38'	RIGHT	10	
20+43	43'	RIGHT	8	
20+49	45'	LEFT	12	
20+49	45'	LEFT	14	
20+49	45'	LEFT		16
20+49	45'	LEFT		24
20+49	45'	LEFT		24
20+50	40'	RIGHT	8	
20+79	60'	LEFT		20
20+79	54'	LEFT	10	
20+95	56'	RIGHT	10	
20+98	56'	RIGHT	8	
21+09	49'	RIGHT	14	
21+41	50'	LEFT		16
21+68	49'	LEFT		16
22+33	49'	LEFT	6	
22+33	49'	LEFT	13	
22+57	45'	LEFT	6	
22+57	45'	LEFT	6	
22+57	45'	LEFT		16
22+93	54'	LEFT	8	
22+93	54'	LEFT	6	
22+93	54'	LEFT	6	
23+11	56'	LEFT	9	
23+11	56'	LEFT	9	
23+11	56'	LEFT	6	
24+32	48'	RIGHT	11	
TOTAL			483	194

AGGREGATE SURFACE COURSE, TYPE A

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
16+50.00 - 17+00.00	1.25'	23.48' AVG.	50.00'	103
17+00.00 - 18+94.00	1.25'	23.25'	194.00'	395
21+06.00 - 25+75.00	1.25'	23.25'	169.00'	251
25+75.00 - 26+25.00	1.25'	23.59' AVG.	50.00'	103
TOTAL				1,555

AGGREGATE DITCH**

STATION TO STATION	SIDE	WIDTH	TON	FILTER FABRIC (SQ YD)
16+50 - 18+75	LEFT	8'	148	215
16+73 - 19+00	RIGHT	8'	147	210
TOTAL			295	425

** Aggregate Ditch shall conform to material type A-4 of the Standard Specifications.
The thickness of the aggregate bed shall be a minimum of 16".

FILE NAME = V:\Bridges\2998 - Schuyler\2998q001.dgn	USER NAME = othomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**SCHUYLER COUNTY
COUNTY HIGHWAY 2
OVER SUGAR CREEK**

**SUMMARY OF QUANTITIES, &
SCHEDULES OF QUANTITIES**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 16+50.00 TO STA. 26+25.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
455	07-00073-00-BR	SCHUYLER	35	3
FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT NO. BR5-0455(07)			CONTRACT NO. 93384	