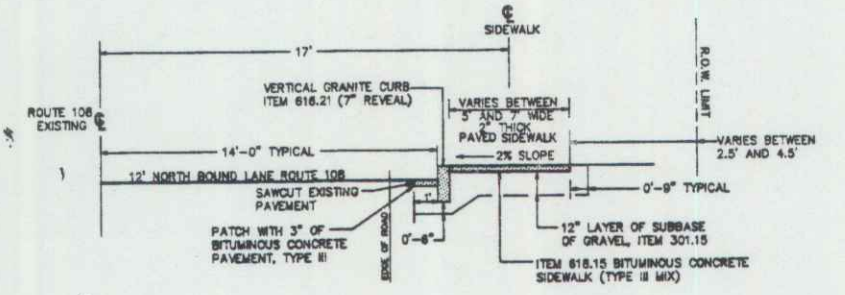


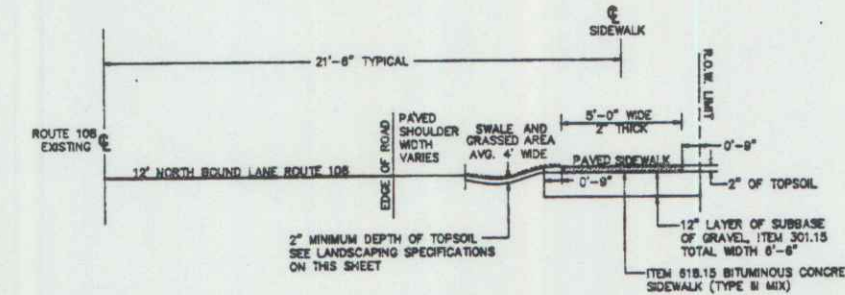
QUANTITY SUMMARY

APPROXIMATE SUMMARY OF QUANTITIES				
GRAND TOTAL	UNIT	PAY ITEM	PAY ITEM NUMBER	RNDG
1	EACH	REMOVING SMALL STUMPS	201.20	-
2	EACH	REMOVING LARGE STUMPS	201.21	-
420	CY	COMMON EXCAVATION	203.15	11
180	CY	EARTH BORROW	203.30	15
590	CY	SUBBASE OF GRAVEL	301.15	13
39	CY	CONCRETE, CLASS C (MOD.)	501.30	-
14	LF	12" CSP (TH=0.064")	601.0005	-
210	CY	STONE FILL, TYPE I	613.10	7
200	LF	VERTICAL GRANITE CURB	616.21	-
34	LF	REMOVAL OF EXISTING CURB (MOD.)	616.41	-
4	EACH	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	-
3	EACH	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	-
170	TON	BITUMINOUS CONCRETE SIDEWALK	618.15	9
355	LF	REMOVAL AND RESETTING FENCE	620.50	-
75	LF	REMOVAL OF EXISTING FENCE	620.55	-
300	LF	STEEL BEAM GUARD RAIL	621.20	-
2	EACH	BREAKAWAY CABLE TERMINAL	621.50	-
340	LF	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	-
160	HOUR	UNEQUIPPED TEST OFFICERS	650.10	-
0.50	LS	TESTING EQUIPMENT - CONCRETE	651.16	-
0.50	LS	TESTING EQUIPMENT - BITUMINOUS	651.17	-
0.35	LS	MOBILIZATION	655.10	-
55	SY	GEOTEXTILE FABRIC FOR FILTERS	649.10	-
40	LB	* SEED	651.15	-
250	LB	* FERTILIZER	651.18	-
1	TON	* AGRICULTURAL LIMESTONE	651.20	-
1	TON	* HAY MULCH	651.25	-
140	CY	* TOPSOIL	651.35	7
3	EACH	ERECTING SALVAGED SIGNS	675.60	-

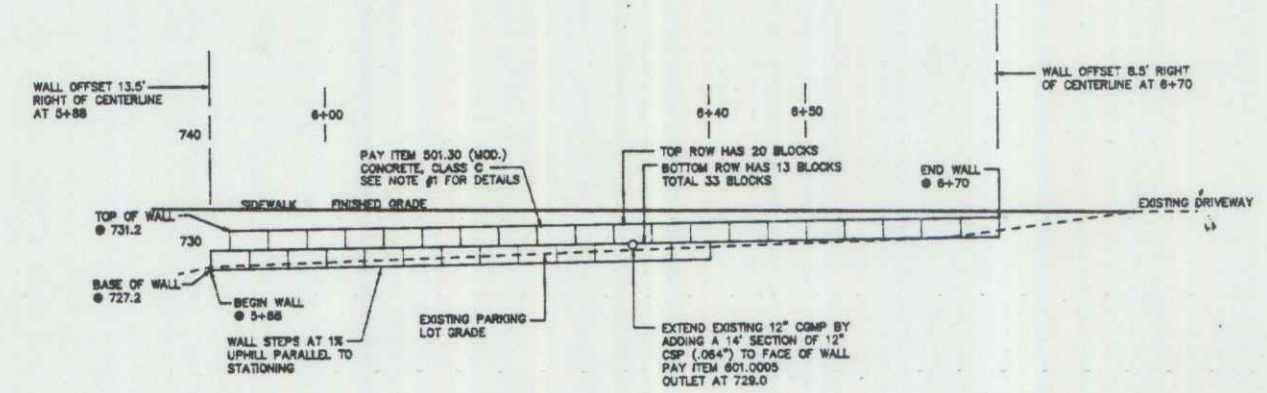
* CALCULATED 0.5 ACRES OF DISTURBED AREA



STATION 0+00 TO 2+00
SIDEWALK TYPICAL
SCALE: 1" = 4'-0"



STATION 3+00 TO 26+00
SIDEWALK TYPICAL
SCALE: 1" = 4'-0"



LARGE CONCRETE BLOCK RETAINING WALL DETAIL
SCALE: 1" = 10' H & V

GENERAL NOTES

- ITEM 501.30 CONCRETE, CLASS C SHALL BE MODIFIED AS FOLLOWS:
THE CONCRETE BLOCK RETAINING WALL BETWEEN STATION 5+88 TO 6+70 SHALL BE CONSTRUCTED WITH LARGE CONCRETE BLOCKS WITH DIMENSIONS OF 2' x 4' x 4'. A 1" DIMENSION TOLERANCE IS ALLOWED. THESE BLOCKS ARE TO BE CONSTRUCTED OF WASTE CONCRETE FROM AREA SUPPLIERS. THE BLOCKS SHALL BE PLACED WITH THE SMOOTHEST FACE OUTWARD. EACH BLOCK SHALL HAVE LIFTING HOOKS WHICH SHALL BE REMOVED AFTER THE BLOCKS ARE IN PLACE. NO REINFORCING STEEL IS NECESSARY. THE TOP ROW OF BLOCKS SHALL BE OFFSET BY 3" FROM THE BOTTOM ROW. ALL COSTS ASSOCIATED WITH DELIVERING AND PLACING THE BLOCKS AT THE LOCATION AND GRADE SHOWN ON THE PLANS IS INCLUDED IN THE PER CUBIC YARD COST FOR THIS ITEM. THE MINOR AMOUNT OF EXCAVATION NECESSARY TO SET THE BOTTOM ROW OF BLOCKS SHALL ALSO BE INCLUDED IN THE COST OF THIS ITEM. THE COST OF BACKFILLING AGAINST THE BACK OF THE WALL HAS BEEN INCLUDED IN THE COST OF THE SUBBASE OF GRAVEL, ITEM 301.15.
- THIS PROJECT WILL INVOLVE THE REMOVAL OF LESS THAN 10 CUBIC YARDS OF PAVEMENT NORMALLY PAID AS ITEM 203.28 EXCAVATION OF SURFACES AND PAVEMENTS. BECAUSE OF THE SMALL VOLUME, THIS WORK HAS BEEN INCLUDED IN THE COMMON EXCAVATION QUANTITY. ALL PAVEMENT SHALL BE DISPOSED OF NEAR THE BOTTOM OF THE FILL BETWEEN STATION 3+50 AND 5+50.
- THE LARGE SIGN AT STATION 18+00 MARKED "FRONT FOUR SPORTS" AND THE SIGN NEAR STATION 20+10 MARKED "EVERYBODY'S PIZZA" SHALL BE PROTECTED BY THE CONTRACTOR AS DETAILED ON THE SITE PLAN AND SECTIONS.
- THE GUY POLE AND ANCHOR NEAR STATIONS 13+85 AND 16+71 SHALL BE RELOCATED BY THE VILLAGE OF STOWE WATER AND LIGHT DEPARTMENT AND IS NOT THE RESPONSIBILITY OF THE CONTRACTOR.
- THERE ARE THREE PRESSURE TREATED WOOD POSTS MARKING THE DRIVEWAYS BETWEEN STATION 9+00 AND 10+50. THESE POSTS SHALL BE RESET TO A LOCATION AT LEAST 2' BEHIND THE SIDEWALK. THE COST ASSOCIATED WITH REMOVING AND RESETTING THESE SMALL POSTS SHALL BE INCLUDED IN THE COST OF COMMON EXCAVATION ITEM 203.15.
- BECAUSE OF THE VERY CONGESTED AREA ALONG ROUTE 108 AND THE LACK OF AN OBVIOUS TOPSOIL STOCKPILE AREA, THE COMMON EXCAVATION WHICH INCLUDES THE TOPSOIL SHALL BE USED IN THE EMBANKMENT AREAS. NEW TOPSOIL SHALL BE TRUCKED ONTO THE SITE FOR USE IN THE FINISHED LANDSCAPING WITH PAYMENT UNDER ITEM 651.35.
- REMOVAL OF EXISTING CURB, ITEM 616.41 SHALL BE MODIFIED TO REQUIRE THE CUTTING OF THE REMAINING END OF THE EXISTING CURB ON A TAPER AS DETAILED ON STANDARD C1.
- THE COST OF TRAFFIC CONTROL IS SUBSIDIARY TO OTHER PAY ITEMS. SEE STANDARDS E100, E101, E106, E107, E107A, AND E110 FOR DETAILS.
- THE BITUMINOUS CONCRETE SIDEWALK SHALL BE PLACED IN ONE 2" THICK LIFT.

LANDSCAPING SPECIFICATIONS

SEEDING FORMULA, ITEM 651.15

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	30	CREEPING RED FESCUE	88	85
31.25	25	KENTUCKY BLUE GRASS	85	75
31.25	25	PERENNIAL RYE GRASS	95	90
100.00	80			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.
SEED - TO BE APPLIED PER SEEDING FORMULAS DIRECTED BY THE ENGINEER.
FERTILIZER - FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT A RATE OF 500 LBS./ACRE.
AGRICULTURAL LIMESTONE - TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
HAY MULCH - TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
SLOPE ROUNDING - ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

QUANTITIES

- ITEM 201.20 REMOVING SMALL STUMPS (TOTAL OF 1)
0+93 15" ELM STUMP
- ITEM 201.21 REMOVING LARGE STUMPS (TOTAL OF 2)
6+70± 42" STUMP
7+40± 42" STUMP
- ITEM 501.30 (MOD.) CONCRETE, CLASS C
THE CONCRETE BLOCK RETAINING WALL BETWEEN 5+88 AND 6+70 HAS A TOTAL OF 33 BLOCKS (2' x 4' x 4'), OR
33 (2 x 4 x 4) = 27 = 39 CY
- ITEM 601.0005, 12" CSP (TH = 0.064")
AT 6+32 AN EXISTING 12" METAL CULVERT SHALL BE EXTENDED BY 14' TO ALIGN WITH THE FACE OF NEW RETAINING WALL.
- ITEM 616.21 VERTICAL GRANITE CURB
VERTICAL GRANITE CURB SHALL BE USED FROM 0+00 TO 2+00 TO SUPPORT THE EDGE OF THE SIDEWALK AND TO PROTECT PEDESTRIANS
TOTAL = 200 LF
- ITEM 618.15 BITUMINOUS CONCRETE SIDEWALK QUANTITIES:
1. STANDARD 5' SIDEWALK 2090' LONG = 10,450 SF
2. 2' WIDER SIDEWALK 1+00 TO 2+00 = 200 SF
3. AREAS BETWEEN SIDEWALK AND EDGE OF ROAD AT DRIVEWAYS:
7+00± AREA 45' x 5' = 225
8+00± AREA 25' x 5' = 125
9+75± AREA 55' x 5' = 275
11+50± AREA 60' x 5' = 300
17+50± AREA 30' x 6' = 180
19+00± AREA 55' x 6' = 330
21+00± AREA 90' x 5' = 450
22+75± AREA 35' x 5' = 175
SUBTOTAL = 2060 SF
4. PATCHING IN FRONT OF GRANITE CURB (3" THICK)
200' x 1' x 3' + 2' = 300 SF
SUBTOTAL = 13,010 SF
TOTAL TONNAGE = 13,010 x 2' x 2' / 12 x 27 = 161 TONS
- ITEM 621.20 STEEL BEAM GUARD RAIL
3+25 TO 6+25, OR 300 LF
- ITEM 621.50 BREAKAWAY CABLE TERMINAL
3+00 TO 3+25 AND 6+25 TO 6+50, OR A TOTAL OF 2
- ITEM 621.80 REMOVAL AND DISPOSAL OF GUARD RAIL
2+92 TO 6+32, OR 340 LF
- ITEM 649.10 GEOTEXTILE FABRIC FOR FILTERS
BEHIND RETAINING WALL 5+88 TO 6+70 ESTIMATED 8' x 82' - 9 = 55 SY

AUG 9 1994

JUN 30 1992
PROJECT
BW-RS-BIKE (25)

"QUANTITY SUMMARY"
STOWE MOUNTAIN ROAD WALK

CHARLES GRENIER
CONSULTING ENGINEER, P.C.
BOX 445, WATERBURY, VERMONT
244-6413

DATE = 8-14-91
DRN BY = T.J.M.
SCALE = A.N.
SHT 20 OF 25

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