

HOOK BOLTS OF LENGTH SHOWN ARE ADAPTABLE TO POSTS UP TO 8" DIAMETER. HOOK BOLTS OF VARIABLE LENGTHS ARE REQUIRED TO AVOID NOTCHING OF POSTS OR A BOLT PROJECTION OF MORE THAN 2 1/2".

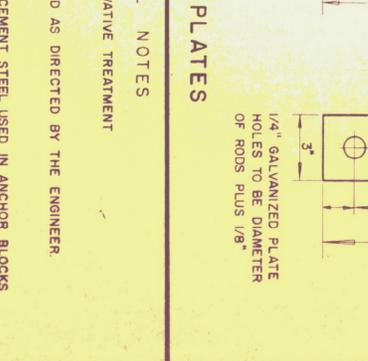
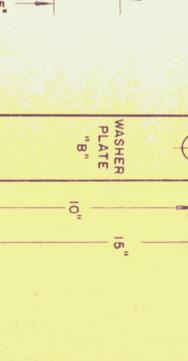
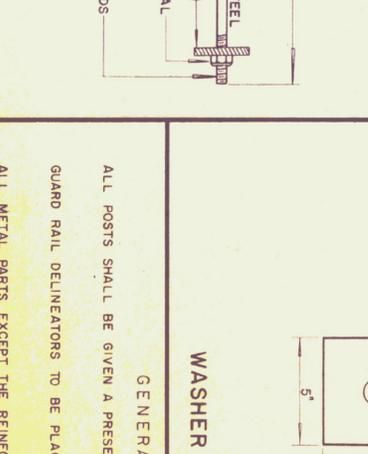
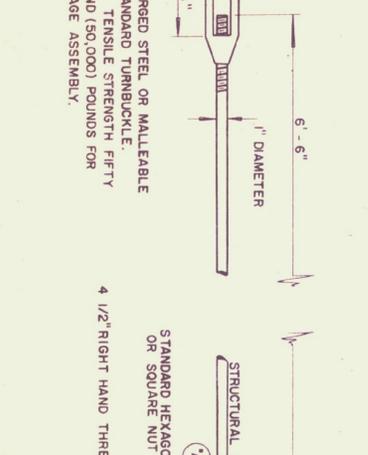
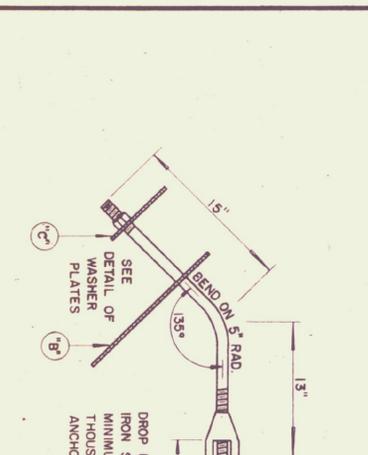
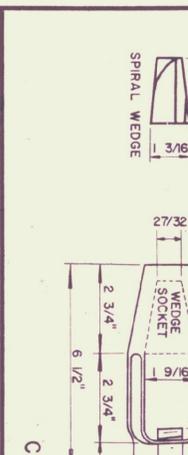
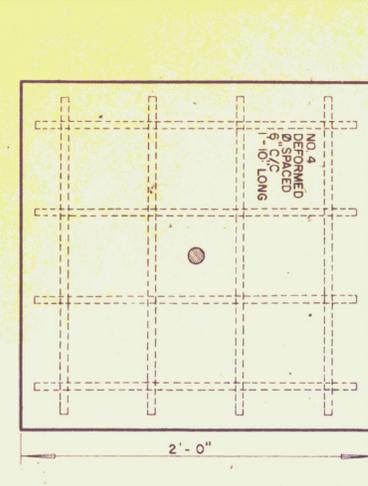
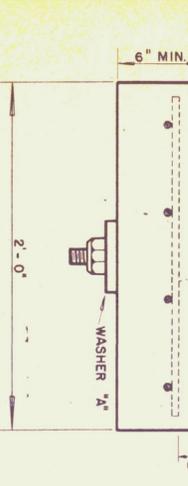
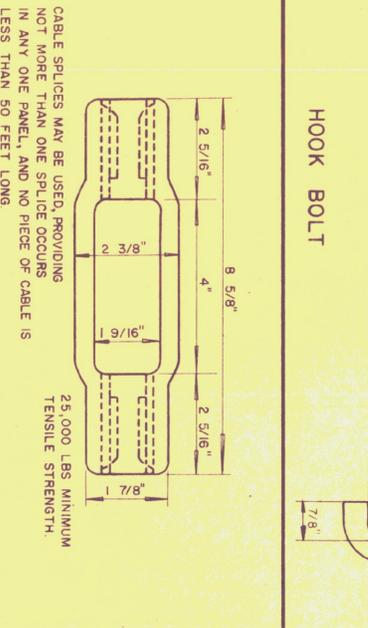
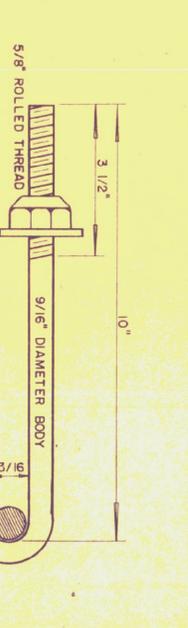
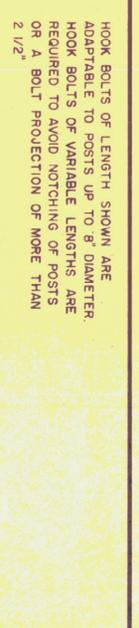
ANCHOR BLOCK IS TO BE OF CONCRETE CLASS B CONCRETE AND REINFORCING STEEL TO BE INCLUDED IN BID PRICE FOR ANCHOR FOR TWO CABLE GUARD RAIL WITH WOOD POSTS.

STIRRS TO BE ATTACHED TO THE DESIGNATED GUARD RAIL POSTS ON BOTH SIDES OF THE ROAD AND VISIBLE TO APPROACHING TRAFFIC. REFLECTIVE MATERIAL SHALL MEET THE REQUIREMENTS OF SUBSECTION 10-109 AND SHALL BE OF ENCAPSULATED LENS SILVER.

NO ALLOWANCE TO BE MADE BETWEEN THE FEET CHAINS.

ADDITIONAL ANCHORAGE REQUIRED WHERE THE LENGTH OF GUARD RAIL SECTION EXCEEDS 500 FEET.

THE MINIMUM TENSILE STRENGTH OF THE CABLE SHALL BE TWENTY FIVE THOUSAND (25,000) POUNDS.



**CABLE SPLICE**

**ANCHOR BLOCK**

**ANCHOR ROD**

**WASHER PLATES**

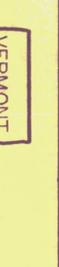
**GENERAL NOTES**  
 ALL POSTS SHALL BE GIVEN A PRESERVATIVE TREATMENT.  
 GUARD RAIL DELINEATORS TO BE PLACED AS DIRECTED BY THE ENGINEER.  
 ALL METAL PARTS EXCEPT THE REINFORCEMENT STEEL USED IN ANCHOR BLOCKS SHALL BE GALVANIZED.  
 EXISTING POSTS MAY BE USED AS DIRECTED BY THE ENGINEER.  
 ALL POSTS SPACED 8 FEET CENTER TO CENTER.

REVISIONS AND CORRECTIONS  
 DEC 19, 1972 NON FEDERAL AID NOTE ADDED

APPROVED  
 DATE: Dec 14, 1971

CHIEF ENGINEER  
 ASST. CHIEF ENGINEER  
 HIGHWAY ENGINEER

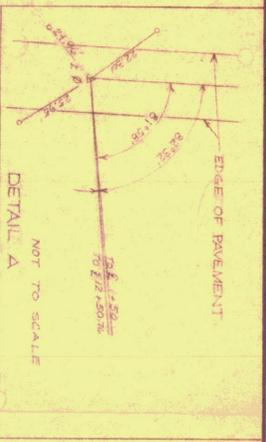
GUARD RAIL, TWO CABLE WITH WOOD POSTS  
 ANCHOR FOR TWO CABLE GUARD RAIL, WITH WOOD POSTS



VERMONT DEPARTMENT OF HIGHWAYS STANDARD  
 WRIGHTSVILLE DAM  
 2640.540

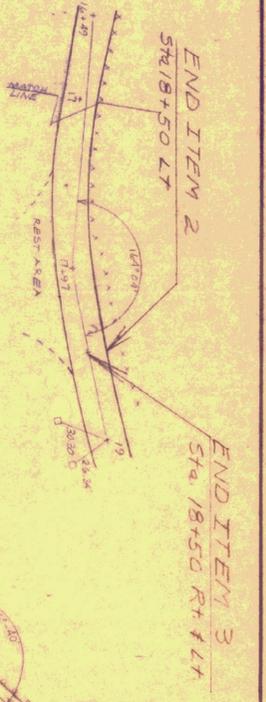
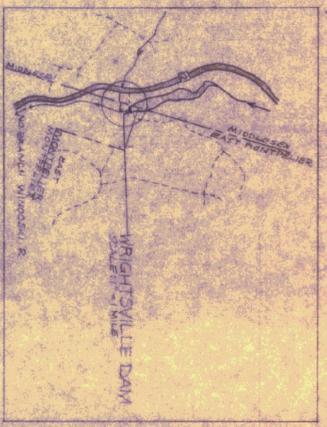
**G-2**

SHEET 3 OF 3

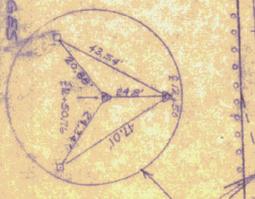


BEGIN ITEM 2 STA 0+18.74 + 11.74  
TWO CABLE GUARD RAIL W/ WOOD POSTS (for details see sheet 3043)

BEGIN ITEM 3 STA 0+10.5 RT + 11.4  
SIX INCH GRAVEL SURFACE COURSE (24' wide)



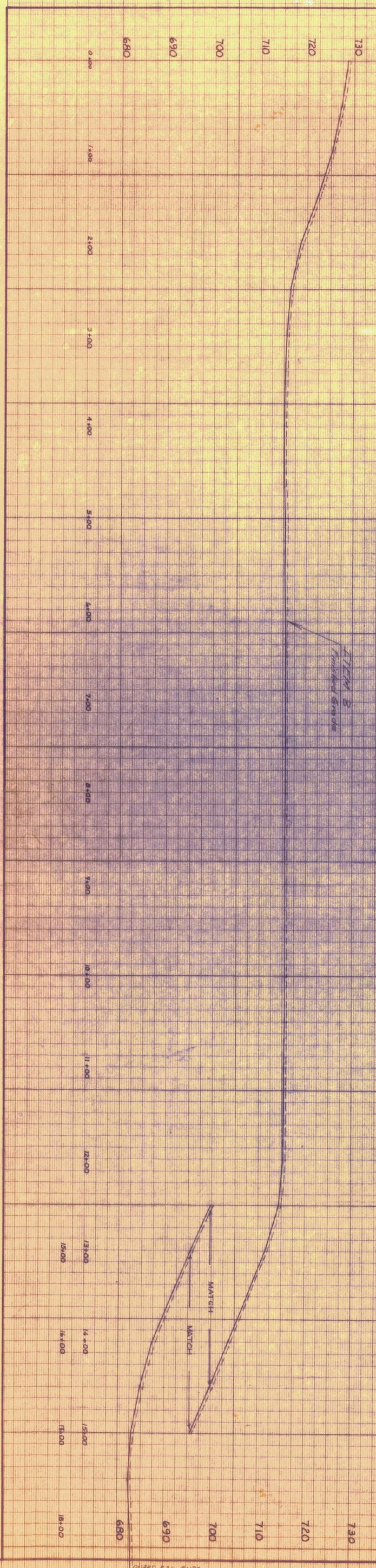
BEGIN ITEM 2  
Sta 12+50 10' RT

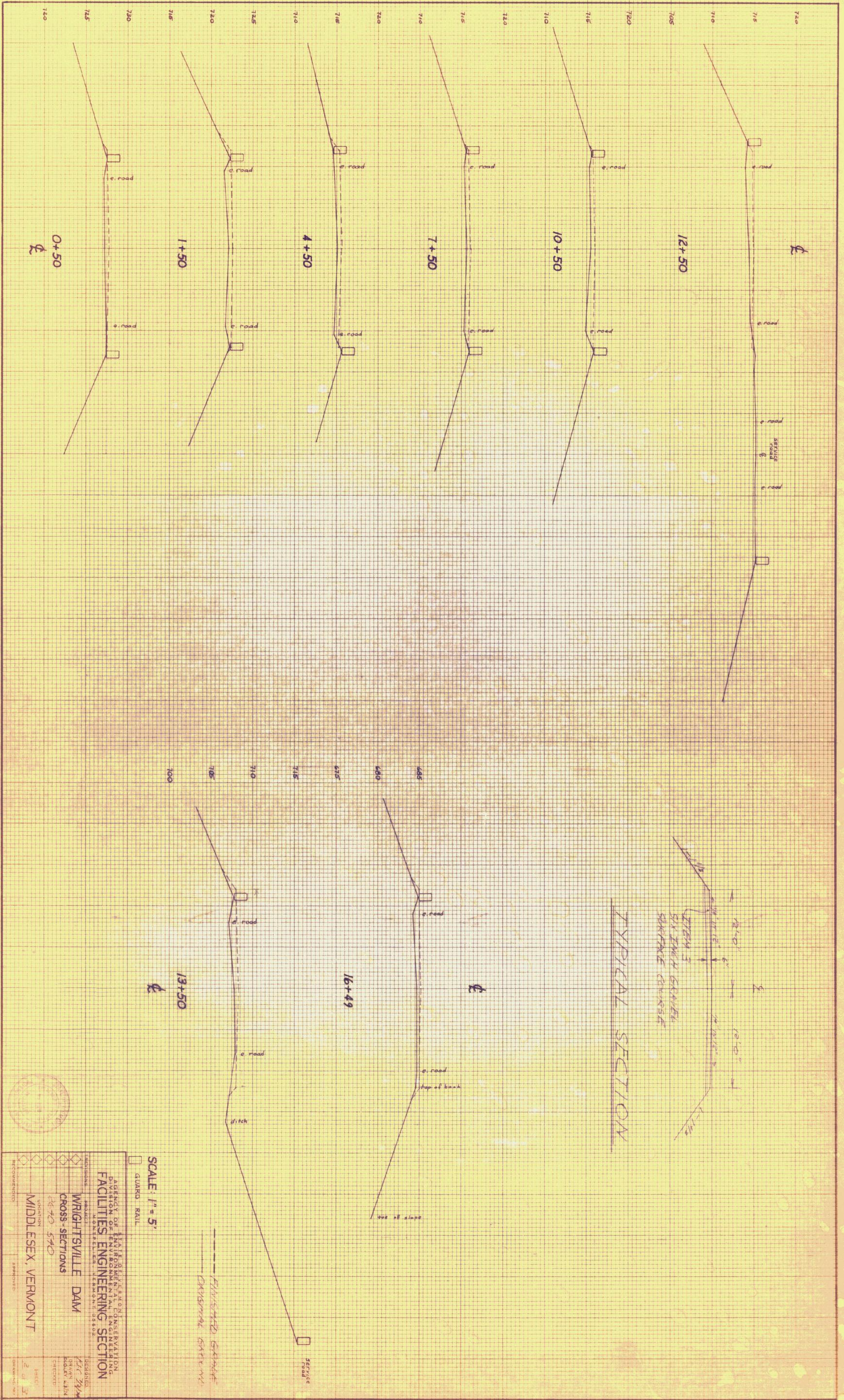


INDICATES APPROXIMATE LOCATION OF ADDITIONAL ANCHORAGES

DESIGNED BY	DATE	CHECKED BY	DATE
DRAWN BY	DATE	CHECKED BY	DATE
PROJECT	WRIGHTSVILLE DAM		
LOCATION	MIDDLESEX, VERMONT		
PROJECT NO.	2640-540		
APPROVED	[Signature]		
DRAWING NO.	1 OF 3		

SCALE: PLAN: 1" = 50'  
PROFILE: H: 1" = 50'  
V: 1" = 10'





TYPICAL SECTION

12'-0" 6" 12'-0" 1'-1 1/2"

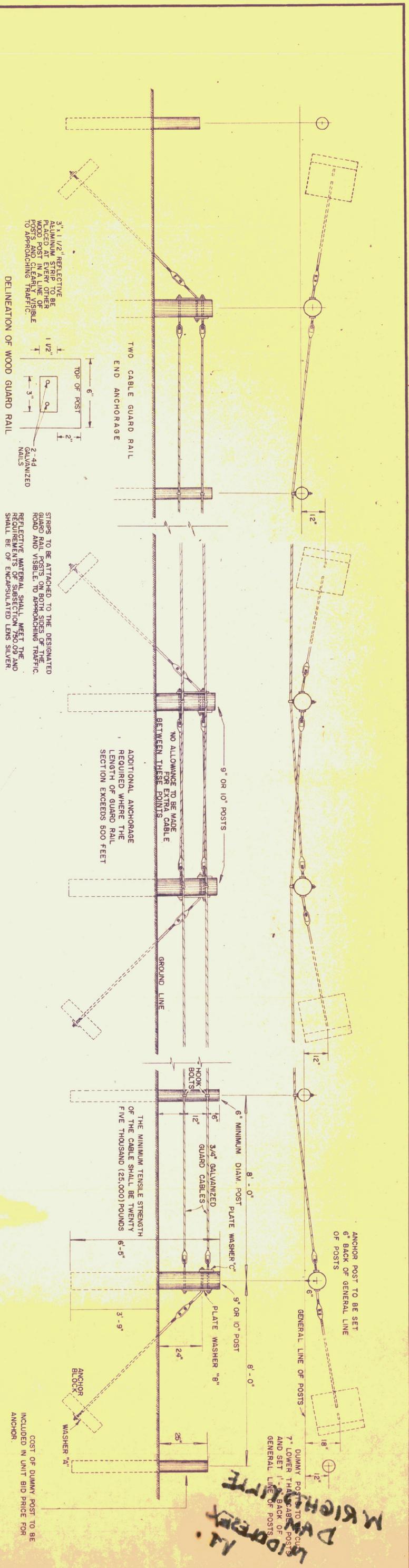
ITEM 3  
SIX INCH GRAVEL  
SLOTTED CURB

SCALE: 1" = 5'

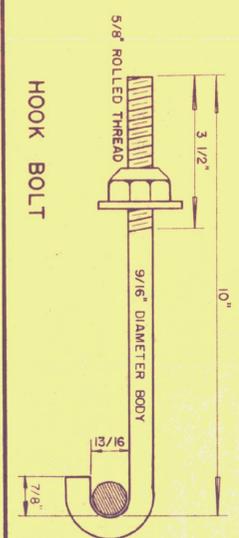
GUARD RAIL

FINISHED GRAVEL  
DRIVEWAY GATEWAY

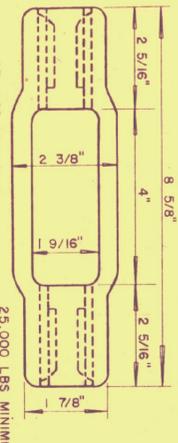
STATE OF VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION FACILITIES ENGINEERING SECTION		DATE: 2/24/74
PROJECT: WRIGHTSVILLE DAM		DRAWN BY: J. J. W.
SUBJECT: CROSS-SECTIONS		CHECKED BY: J. J. W.
DRAWING NO: 5740		SCALE: 1" = 5'
LOCATION: MIDDLESEX, VERMONT		DATE: 2/74
DESIGNED BY	APPROVED BY	DATE



HOOK BOLTS OF LENGTH SHOWN ARE ADAPTABLE TO POSTS UP TO 8" DIAMETER. HOOK BOLTS OF VARIABLE LENGTHS ARE REQUIRED TO AVOID NOTCHING OF POSTS OR A BOLT PROJECTION OF MORE THAN 2 1/2"



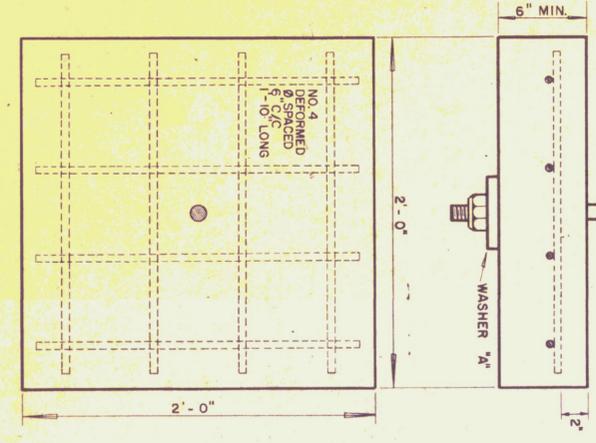
CABLE SPLICES MAY BE USED, PROVIDING NOT MORE THAN ONE SPLICE OCCURS IN ANY ONE PANEL, AND NO PIECE OF CABLE IS LESS THAN 50 FEET LONG.



CABLE SPLICE

REVISIONS AND CORRECTIONS  
DEC 9, 1972 NON FEDERAL AID NOTE ADDED

ANCHOR BLOCK IS TO BE OF CONCRETE CLASS B CONCRETE AND REINFORCING STEEL TO BE INCLUDED IN BID PRICE FOR ANCHOR FOR TWO CABLE GUARD RAIL WITH WOOD POSTS

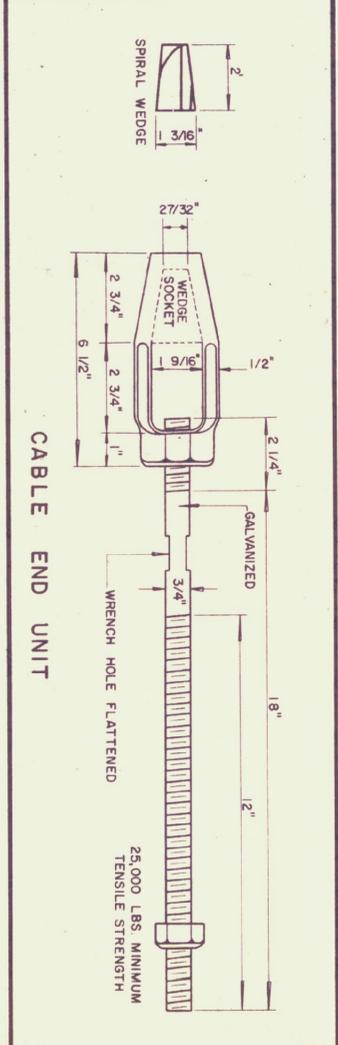


ANCHOR BLOCK

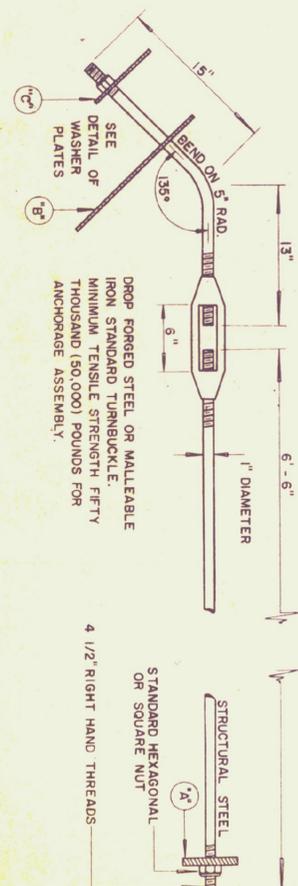
APPROVED  
DATE Dec 14 1971

CHIEF ENGINEER  
ASST CHIEF ENGINEER  
HIGHWAY ENGINEER

STRIPS TO BE ATTACHED TO THE DESIGNATED RAIL AND POST IN A LINE OF 12\"/>



CABLE END UNIT



ANCHOR ROD

NOT APPROVED FOR USE ON FEDERAL AID PROJECTS

GUARD RAIL, TWO CABLE WITH WOOD POSTS

ANCHOR FOR TWO CABLE GUARD RAIL, WITH WOOD POSTS

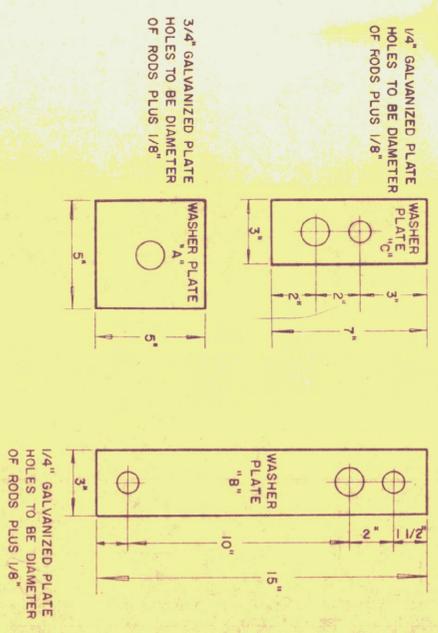
ANCHOR POST TO BE SET 6\"/>

DUMMY POST TO BE SET 7\"/>

THE MINIMUM TENSILE STRENGTH OF THE CABLE SHALL BE TWENTY FIVE THOUSAND (25,000) POUNDS

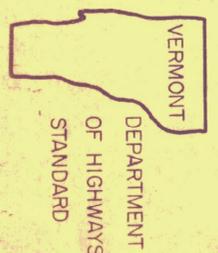
COST OF DUMMY POST TO BE INCLUDED IN UNIT BID PRICE FOR ANCHOR.

WASHER PLATES



GENERAL NOTES

ALL POSTS SHALL BE GIVEN A PRESERVATIVE TREATMENT  
GUARD RAIL DELINEATORS TO BE PLACED AS DIRECTED BY THE ENGINEER  
ALL METAL PARTS EXCEPT THE REINFORCEMENT STEEL USED IN ANCHOR BLOCKS SHALL BE GALVANIZED.  
EXISTING POSTHOLES MAY BE USED AS DIRECTED BY THE ENGINEER.  
ALL POSTS SPACED 8 FEET CENTER TO CENTER.



VERMONT  
DEPARTMENT  
OF HIGHWAYS  
STANDARD

WRIGHTSVILLE DAM  
2640.540

G-2

SHEET 3 of 3

M. D. WRIGHTSVILLE  
L. D. WRIGHTSVILLE