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CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
FRANKLY WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TRUCK	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

SURVEYED BY : L. CRVIS
SURVEYED DATE : MARCH 1995

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83/92

0 40 20 30
SCALE 1:500

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT BRIDGE PROJECT

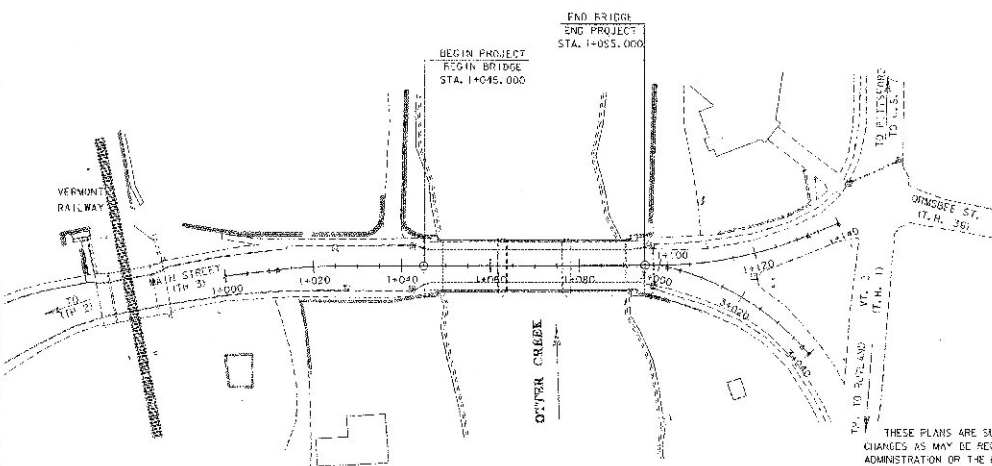
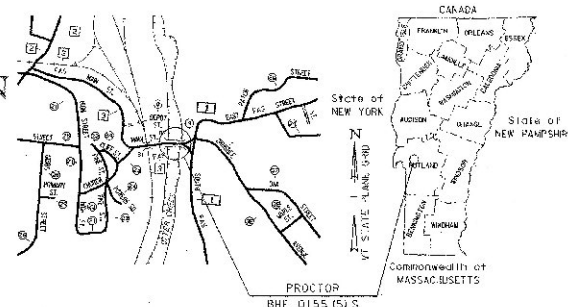
TOWN OF PROCTOR
COUNTY OF RUTLAND

ROUTE NO : TH 3; FAS 0155 (MAJOR COLLECTOR) BRIDGE NO : BR 2

PROJECT LOCATION : THE PROJECT IS LOCATED ON TH3 APPROXIMATELY 0.1 KM WESTERLY OF THE INTERSECTION OF TH #3 AND TH #1

PROJECT DESCRIPTION : THE PROJECT SHALL CONSIST OF THE REHABILITATION OF THE EXISTING STRUCTURE, INCLUDING MINIMAL APPROACH WORK.

LENGTH OF STRUCTURE : 50.000 METERS
LENGTH OF ROADWAY : 0.000 METERS
LENGTH OF PROJECT : 50.000 METERS



RECORD PLANS	
DESIGNED BY :	REDDEN CO. INC., RUTLAND, VT.
DESIGNED ENGINEER :	JOSEPH CHASSER
CONSTRUCTION BEGAN :	MAY 06, 2001
CONSTRUCTION COMPLETED :	JULY 03, 2001
RECORD PLANS BY :	K. NORTH & N. GARIBAY
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY :	<i>Joseph Chasser</i> REGISTERED ENGINEER
DATE :	4/18/02
NOTE: Any further information concerning this project, or other details relative to this project may be found at Ground File on the electronic archives.	

Metric

UNLESS NOTED OTHERWISE
STATIONS ARE IN KILOMETERS
ELEVATIONS ARE IN METERS
DIMENSIONS ARE IN MILLIMETERS

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1995, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON AUGUST 21, 1995 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROJECT DEVELOPMENT

APPROVED : *[Signature]* DATE : 4/18/02

PROJECT MANAGER : G. S. ROGERS

PROJECT NAME : PROCTOR

PROJECT NUMBER : BHF 0155 (S) S

SHEET 1 OF 59 SHEETS



* DRAINAGE AREA, FLOW, AND WATER SURFACE ELEVATIONS FROM PROCTOR F. I. S., 1979.
** INTERPOLATED VALUE

QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES										TOTALS			DESCRIPTIONS		ITEM NUMBER	DETAILED SUMMARY OF QUANTITIES		
		ROADWAY	BRIDGE	MARBLE DISPLAY	EROSION	FILL (C)				ROUND	FINAL	UNIT	ITEMS			QUANTITY	UNIT	ITEMS
		1								1		LS	CLEARING AND GRUBBING (INCLUDING INDIVIDUAL TREES AND STUMPS)		201.10			
		510								510		CM	COMMON EXCAVATION		203.15			
		80							(EST)	80		CM	SOLID ROCK EXCAVATION		203.16			
		130								130		CM	SAND BORROW		203.31			
		230			10					240		CM	TRENCH EXCAVATION OF EARTH		204.20			
		15								15		CM	TRENCH EXCAVATION OF ROCK		204.21			
		140		5						145		CM	GRANULAR BACKFILL FOR STRUCTURES		204.30			
			1000							1000		CM	GRANULAR BACKFILL FOR STRUCTURES - LIGHTWEIGHT AGGREGATE FILL (MOD.)		204.30			
		380								380		SM	COLD PLANKING-BIT PAVEMENT		210.10			
		370			40					410		CM	SUBBASE OF DENSE GRADED CRUSHED STONE		301.35			
		70								70		KG	EMULSIFIED ASPHALT		404.05			
		240	62							302		T	BITUMINOUS CONCRETE PAVEMENT (PC 58-25)		406.25			
		10	117							127		CM	CONCRETE, CLASS AA		501.21			
			101							101		CM	CONCRETE, CLASS A		501.22			
				2						15		CM	CONCRETE, CLASS B		501.25			
			1							1		CM	MORTAR, TYPE I		501.55			
		200							(EST)	200		SM	TEMPORARY STEEL SHEET PILING		506.36			
		510								510		KG	REINFORCING STEEL		507.15			
			150	10						170		M	DRILLING AND GROUTING DOWELS		507.16			
		550	14750	66						15465		KG	EPOXY COATED REINFORCING STEEL		507.17			
		475	4							479		L	WATER REPELLENT		514.10			
		370								370		SM	SHEET MEMBRANE WATERPROOFING (TORCH APPLIED)		515.20			
		50								50		M	JOINT SEALER, POLYURETHANE		524.21			
		50								50		M	REMOVAL OF EXISTING RAILING (HAND RAIL)		525.10			
		100								100		M	REMOVAL OF EXISTING RAILING (MARBLE RAIL)		525.10			
		103								103		M	RESETTING RAILING (MARBLE RAIL)		525.11			
				0						0		M	RESETTING RAILING (DISPLAY)		525.11			
		22								22		M	RESETTING RAILING (METAL HAND RAILING)		525.11			
		15								15		M	BRIDGE RAILING-3 RAIL ALUMINUM (MODIFIED)		526.22			
		1								1		LS	TEMPORARY PEDESTRIAN BRIDGE		528.12			
		357								357		SM	REMOVAL OF BRIDGE PAVEMENT		529.10			
		1								1		CACI	PARTIAL REMOVAL OF STRUCTURE		529.20			
		30								30		L	EPOXY MORTAR		580.50			
		300							(EST)	300		SM	REPAIR OF CONCRETE SUBSTRUCTURE SURFACE CLASS II		580.14			
		40							(EST)	40		CM	REPAIR OF CONCRETE SUBSTRUCTURE SURFACE CLASS II		580.15			
													BEGIN PIPE OPTIONS					
												M	450 mm PCCSP 2.01 mm (68 mm X 12 mm)		601.0415			
												M	450 mm CAAP 1.91 mm (68 mm X 12 mm)		601.0216			
												M	450 mm CRP		601.0315			
													END PIPE OPTIONS					
		10							(EST)	10		CM	DRY RUBBLE MASONRY		602.20			
			10						(EST)	15		SM	STONE MASONRY FACING		602.25			
		5								5		EACH	CAST IRON GRATE WITH FRAME, TYPE D		604.47			
		60								60		M	150 mm UNDERDRAIN		605.10			
					1					1		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I (NOT A BID ITEM)		608.25			

PROJECT NAME: PROCTOR
PROJECT NUMBER: BHF 0155(5)S
FILE NAME: htr1949588a1089qtr.xls
PROJECT LEADER: G.S. ROGERS
DESIGNED BY: C. MEUNIER
QUANTITY SHEET #1
PLOT DATE: 10/18/01
DRAWN BY: J. GILMORE
CHECKED BY: C. MEUNIER
SHEET 3 OF 60

QUANTITY SHEET



SUMMARY OF ESTIMATED QUANTITIES										TOTALS			DESCRIPTORS			DETAILED SUMMARY OF QUANTITIES		
				ROADWAY	BRIDGE	MARSH DISPLAY	EROSION	FULL C.E.		ROUND		FINAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS
				5			10			15			CM	STONE FILL, TYPE I	613.10			
				115						115			M	CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE B	616.25			
				230						230			SM	PORTLAND CEMENT CONCRETE SIDEWALK 125 MM	618.10			
				2						2			EACH	YIELDING MARKER POSTS	619.17			
				40						40			M	ALUMINUM APPROACH RAILING (MODIFIED)	621.74			
				50						50			HR	UNIFORMED TRAFFIC OFFICERS	630.10			
				50						50			HR	FLAGGERS	630.15			
								1		1			TS	FIELD OFFICE-ENGINEERS	631.10			
								1		1			TS	TESTING EQUIPMENT - CONCRETE	631.16			
								1		1			LS	TESTING EQUIPMENT - BITUMINOUS	631.17			
								1		1			LU	FIELD OFFICE - TELEPHONE (NOT A BID ITEM)	631.25			
				1						1			LS	MOBILIZATION	635.10			
				1						1			LS	TRAFFIC CONTROL	641.10			
				2						2			EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15			
				295						295			M	100 mm WHITE LINE	646.20			
				205						205			M	100 mm YELLOW LINE	646.21			
				4						4			M	600 mm STOP BAR	646.25			
				4						4			EACH	LETTER OR SYMBOL	646.30			
				15						15			M	CROSSWALK MARKING W/DIAGONAL LINES	649.31			
							100			100			SM	GEOTEXTILE FOR SALT FENCE	649.51			
							40			40			SM	GEOTEXTILE FOR FILTER CURTAIN	649.61			
							5			5			KG	SEED	651.15			
							5			5			KG	SEED-WINTER RYE	651.17			
							45			45			KG	FERTILIZER	651.35			
							0.25			0.25			T	AGRICULTURAL LIMESTONE	651.20			
							0.25			0.25			T	HAY MULCH	651.25			
							20			20			EACH	HAY BALES FOR EROSION CONTROL	651.25			
							50			50			CM	TOPSOIL	651.35			
							10			10			SM	EROSION MATTING	654.10			
				1.82						1.82			SM	TRAFFIC SIGNS, TYPE A	675.20			
				12						12			M	FLANGED CHANNEL SIGN POSTS	675.301			
				1						1			EACH	REMOVING SIGNS	675.50			
					20					20			M	ELECTRICAL CONDUIT (50mm PVC, SCHEDULE 40)	678.21			
					70					70			M	ELECTRICAL CONDUIT (50mm PVC, SCHEDULE 80)	678.21			
					50					(EST) 50			M	WIRED CONDUIT (50mm PVC, SCHEDULE 40)	678.23			
					8					8			EACH	JUNCTION BOX	678.26			
					4					4			EACH	LIGHT POLE (MODIFIED)	678.45			

PROJECT NAME: PROCTOR
PROJECT NUMBER: BHF 0155(5)S
FILE NAME: /sfr1704988/4088qnd.xls
PROJECT LEADER: G.S. ROGERS
DESIGNED BY: C. MEUNIER
QUANTITY SHEET #2
PLOT DATE: 10/16/01
DRAWN BY: J. GILMORE
CHECKED BY: C. MEUNIER
SHEET 4 OF 59

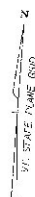


STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

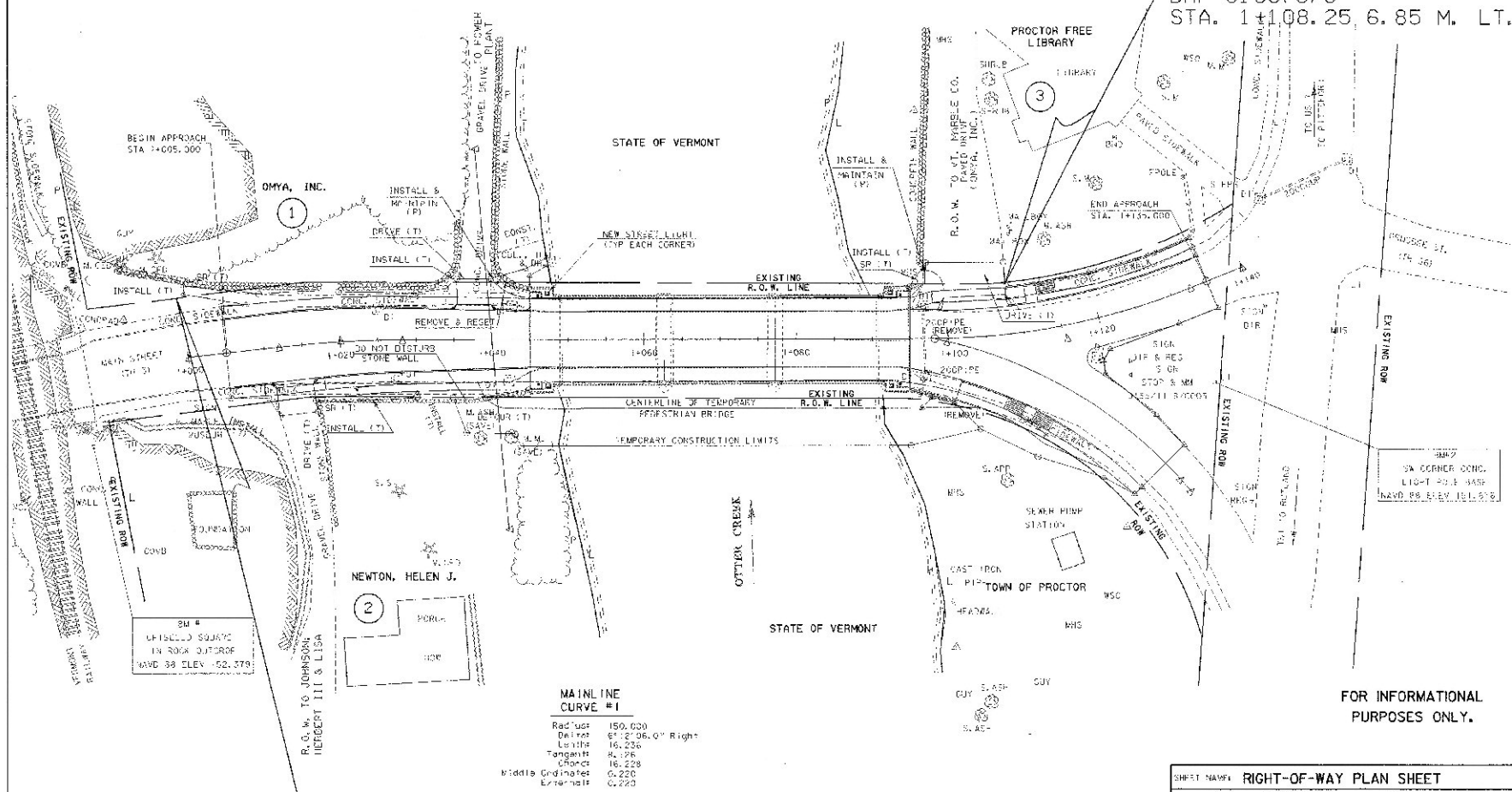
TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TRAILER	REF.	RIGHTS	TITLE TAKEN	DATE	FORM OR CL. REQUIRED	BL.	FS.	REMARKS	REVISION NO.	REVISION	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	SWA, INC.	7	C+989.70 LT. +000.56 LT. +034.55 LT. +035.50 LT. +040.00 LT. +040.50 LT. +042.50 LT. +040.00 LT. +040.75 LT. +041.10 LT.	+005.54 LT. +006.77 LT. +035.50 LT. +040.50 LT. +042.50 LT. +045.00 LT. +048.00 LT. +045.00 LT.			INSTALL (C) S OFF (C) 10 S.M. INSTALL (C) DRIVE (C) INSTALL & MAINTAIN (P) REMOVE & RESET (C) CULVERT, 10' (P) 5 S.M. CONST. (C) 23 S.M. INSTALL (C)	MOB	01-12-00	PROCTOR	45	36	SILT FENCE 108 S.F. SILT FENCE REMOVE STONE WALL 24 S.F. 248 S.F. SILT FENCE		ELECTRONIC IMPRINT OF DETAIL SHEET TO STRUCTURES	10-11-00			
2	WILSON, ROBERT J.	7	+004.10 RT. +013.00 RT. +016.21 RT. +017.00 RT. +032.80 RT. +035.00 RT.	+011.70 RT. +034.84 RT. +035.00 RT. +045.50 RT. +049.60 RT.			INSTALL (C) DRIVE (C) INSTALL (C) S OFF (C) 7 S.M. INSTALL (C) REMOVE (C) 74 S.M.	MOB	08-29-00	PROCTOR	45	1	SILT FENCE 75 S.F. SILT FENCE DO NOT DESTROY STONE WALL 797 S.F.						
3	PROCTOR TREE LIBRARY	7	+084.60 LT. +095.40 LT. +096.00 LT. +105.00 LT.	+095.70 LT. +099.30 LT.			INSTALL (C) SCOPE (C) 5 S.M. INSTALL & MAINTAIN (P) DRIVE (C)	MOB	08-25-00	PROCTOR	45	3	SILT FENCE 54 S.F. GURDANIL						

NOTED: Record
1/25/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/121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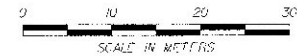


STA. 1+108.25, 6.85 M. LT.



FOR INFORMATIONAL
PURPOSES ONLY.

BEGIN R.O.W. PROJECT
BHF 0155(5) S STA. 0+999.7 7.9 M. LT.



SHEET NAME: RIGHT-OF-WAY PLAN SHEET		
PROJECT NAME:	PROCTOR	HIGHWAY NO. 74 3
PROJECT NUMBER:	BHF 0155(15)	DRIDGE NO. 2
		OVER: OTTER CREEK
FILE NAME: \cfr\43088\ej088bdc.dgn	PLAT DATE:	12-FEB-2002
PROJECT MANAGER: G.S. ROGERS	DRAWN BY:	J. GILMORE
DESIGNED BY: C. MEUNIER	PARW NAME:	0887-0001
BRIDGE SHEET NUMBER:	SHEET 6 OF 89	

SURVEY TRAV. 1	SURVEY TRAV. 2	SURVEY TRAV. 3	SURVEY TRAV. 4
N = 429240.462	N = 429132.7990	N = 429115.4760	N = 429200.9850
E = 456772.486	E = 456892.073	E = 457025.6930	E = 456900.926
ELEV. = 145.520	ELEV. = 151.0200	ELEV. = 150.960	ELEV. = 153.2600
SEE GPS POINT INFORMATION			NO TIES
GPS - PROCTOR	GPS - 94J088-1		

MAINLINE POB	MAINLINE CURVE #1 - PC	MAINLINE CURVE #1 - PT	MAINLINE CURVE #2 - PC	MAINLINE CURVE #2 - PT	MAINLINE POE
STA. 1+000.000	STA. 1+002.004	STA. 1+028.240	STA. 1+098.221	STA. 1+132.685	STA. 1+140.000
N = 429128.517	N = 42930.736	N = 429122.859	N = 429128.299	N = 429147.408	N = 429150.658
E = 456900.944	E = 456912.741	E = 456928.928	E = 456988.599	E = 457036.670	E = 457038.172

SIDELINE POB	SIDELINE CURVE - PC	SIDELINE CURVE - PT	SIDELINE POE
STA. 3+000.000	STA. 3+001.757	STA. 3+037.945	STA. 3+040.000
N = 429138.296	N = 429138.023	N = 429122.225	N = 429120.309
E = 456998.295	E = 457000.734	E = 457032.284	E = 457033.771

GPS CONTROL POINT INFORMATION

PROCTOR - BLYNN MARK DISK \ ROCK LEDGE
 NORTHING = 429240.462
 EASTING = 456772.486
 ELEVATION = 145.520

LOCATION - PROCTOR, 5 MI (8 KM) NORTHWEST OF RUTLAND.

FROM THE JUNCTION OF ROUTES 4A AND 3 IN CENTER RUTLAND, PROCEED NORTH ALONG ROUTE 3 FOR 4.35 MI (7.00 KM) TO THE JUNCTION OF TOWN HIGHWAY 3 (MAIN STREET) IN PROCTOR. THENCE PROCEED WEST ALONG MAIN ST. FOR 0.25 MI (0.40 KM) TO THE STATION AND THE PROCTOR MUNICIPAL BUILDING ON THE LEFT (WEST). THE STATION IS 35.2 FT. (10.7 M) WEST OF THE CENTER LINE OF MAIN ST., 30.5 FT. (9.3 M) SOUTHEAST OF A UTILITY POLE (NO. 35C/59), 20 FT. (6.1 M) NORTH OF THE NORTHEAST CORNER OF THE MUNICIPAL BUILDING, ABOUT 5 FT. (1.5 M) HIGHER THAN THE STREET, AND ABOUT 0.2 FT. (6 CM) ABOVE THE GROUND.

94J088-1 - METAL ROD DRIVEN INTO THE GROUND
 NORTHING = 429132.799
 EASTING = 456892.073
 ELEVATION = 150.920

LOCATION - PROCTOR, 5 MI (8 KM) NORTHWEST OF RUTLAND.

FROM THE JUNCTION OF ROUTES 4A AND 3 IN CENTER RUTLAND, PROCEED NORTH ALONG ROUTE 3 FOR 4.35 MI (7.00 KM) TO THE JUNCTION OF TOWN HIGHWAY 3 (MAIN STREET) IN PROCTOR. THENCE PROCEED WEST ALONG MAIN ST. FOR 0.25 MI (0.40 KM) TO THE STATION ON THE RIGHT. THE STATION IS 35.0 FT. (10.7 M) SOUTHEAST OF A UTILITY TOWER, 22 FT. (6.7 M) NORTH OF THE CENTERLINE OF MAIN ST., 18 FT. (5.5 M) EAST OF A METAL LIGHT POST, FT. (0.3 M) NORTH OF A CONCRETE SIDEWALK.

NOTE:

THE DISTANCES ARE IN METERS.

SHEET NAME: TIE SHEET		
PROJECT NAME: PROCTOR	HIGHWAY NO.: 143	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO.: 2	
FILE NAME: 7/24/08/7941086/5102871e.dgn	OVER: OTTER CREEK	
PROJECT MANAGER: J.S. ROGERS	PLCT DATE: 12-FEB-2002	
DESIGNED BY: C. MOJIBER	DRAWN BY: J. LAMORE	
BRIDGE SHEET NUMBER:	PARV NAME: 200811b7	
	SHEET 1 OF 09	

STA 1+005 LT TO STA 1+045 LT
STA 1+005 RT TO STA 1+045 RT
STA 1+098 LT TO STA 1+135 LT
\$ STA 3+005 RT TO \$ STA 3+035 RT

STA 1-020 RT TO STA 1+045 RT
STA 1-040 LT TO STA 1+045 LT
E STA 3+025 RT TO E STA 3+020 RT
STA 1-085 LT TO STA 1+038 LT

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BRIDGE RAIL NG - 3 RAIL ALUMINUM
(WITHOUT OFFSET BLOCK) (MOD.7)
STA 1+045 LT TO STA 1+047 T
STA 1+045 RT TO STA 1+047 RT
STA 1+093 RT TO & STA 3+005 RT
STA 1+093 LT TO STA 1+095 T
```

1+042 RT, TO 1+095 RT
1+045 RT, TO 1+095 LT

1-013 RT. - GRAVE
1-038 LT. - PAVE
1-103 LT. - PAVE

```

STA 1-005 RI TO STA 1-010, 8 RI
STA 1-016, 3 RT TO STA 1-045 RT
STA 1-035 LT TO STA 1-035, 1 LT
STA 1-040, 2 LT TO STA 1-045 LT
STA 1-035 LT TO STA 1-039, 2 LT
STA 1-128, 4 LT TO STA 1-111 LT
STA 1-12 LT TO STA 1-135 LT
STA 3-000, 8 RT TO STA 3-010, 8 RT
STA 3-016, 4 RI TO STA 3-022 RT

```

STA. 11017 RT. TO STA. 11045 RT.
STA. 11040 LT. TO STA. 11045 LT.
Y STA. 11095 RT. TO STA. 3+C S RT.
STA. 11095 LT. TO STA. 11097 LT.

STA 1+045 TO STA 1+095 (LT TO RT)

STA 1+12 LT
STA 3+016 RL

STA 1+13 LT. TO STA 1+35 LT.

1. SEE SHEET 34 FOR PAVEMENT MARKING AND SIGN SHEET,
2. SEE SHEETS 7-18 FOR DRAINAGE PLAN SHEET AND DRAINAGE DETAIL SHEETS,
3. SEE THE GENERAL NOTES TO L.L. 211 FOR ADDITIONAL INFORMATION REGARDING
THE ACTUAL PAY ITEMS THAT ARE BEING
SPECIFIED FOR THE REMOVAL AND RESETTING
OF THE WARDLE DAILING AND THE
FUNDRAISING.

MAINLINE
CURVE #2

Radius 90,000

Radius:	90.000
Delta:	23°56'25.7" Left
Length:	34.464
Tangent:	7.446
Chord:	37.254
Middle Ordinate:	1.545
External:	1.975

PROJECT EXTENDED PER PROJECT MANAGER
GARY ROGERS ON MAY 9, 2007
AND REQUEST OF TOWN.

Radius:	150.000
Center:	6° 2' 35.0" Right
Length:	16.238
Tangent:	8.36
Chord:	16.228
Middle Ordinate:	0.220
External:	0.220

Radius	80.000
U.L. Offset	31°33'25.7" Right
Length	56.88
Tangent	18.683
Chord	35.642
Middle Ordinate	2.700
External	2.836

3 SPAN CONCRETE ARCH WITH MARBLE FACING
ROADWAY & 5TH = 7.315 m
SIDEWALK WIDTH = 1.737 m
OUT TO OUT WIDTH = 11.582 m
EACH CLEAR SPAN LENGTH = 12.200 m
OVERALL LENGTH = 49.682 m
VERTICAL CLEARANCE TO THE RIVER = 6.056 m
MARBLE BRIDGE RAILING

PROJECT NAME:	PROCTOR	HIGHWAY NO.:	TH 3
PROJECT NUMBER:	BH-0150(3)	DESIGN NO.:	2
		OVER LOTTER:	CREEK
FILE NAME:	SETTLEMENTS\BARRIAGE	PLAT DATE:	12-FFA-2002
PROJECT MANAGER:	G.S. ROGERS	DRAWN BY:	J. GLORE
DESIGNED BY:	C. MCNEER	MARK NAME:	s)030104
BRODGE SHEET NUMBER:		SHEET #	2F 58



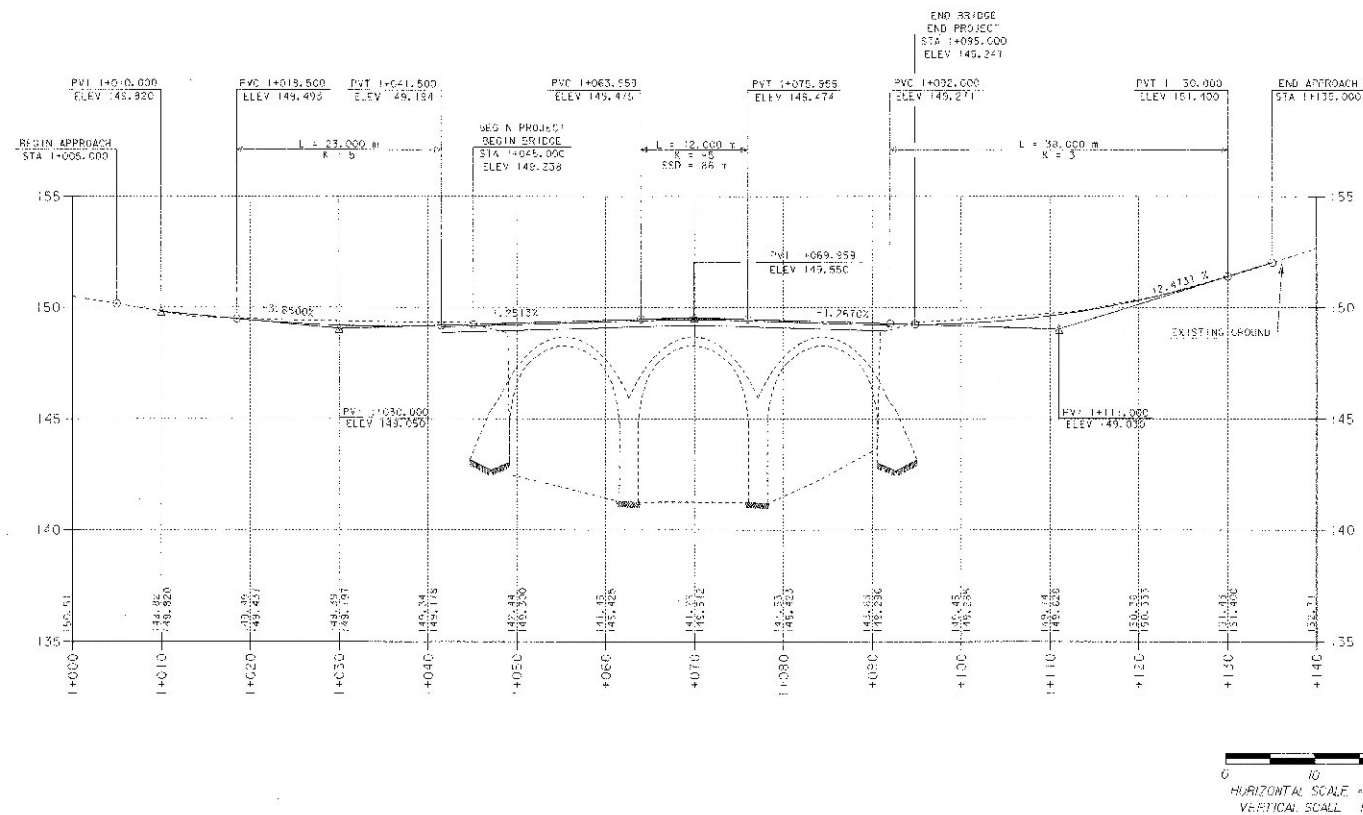
Metric

VT STATE PRIME 3000

BM:
30 CORNER COV.
LIG T POLE BASE
NAD 83 ELEV 15.670

* SEE THE TEMPORARY FOOTING DET
NOTE UNDER MAINTENANCE OF TEST 10
ON THE S. I. SHEET

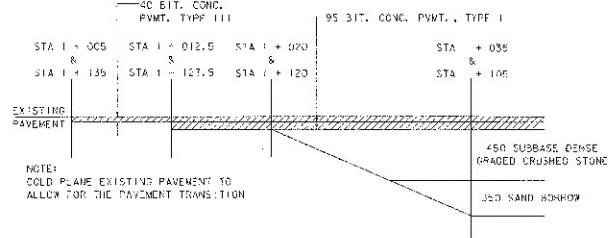
Profile



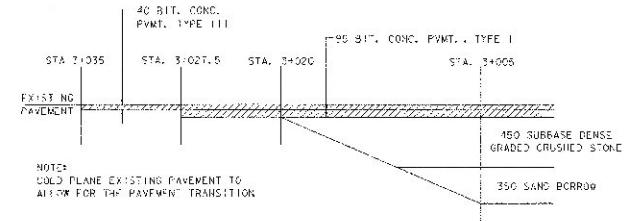
NOTE:

GRADES SHOWN TO THE NEAREST HUNDRETH ARE THE OLD GROUND ALONG THE CENTERLINE. GRADES SHOWN TO THE NEAREST THOUSANDTH ARE THE PROPOSED FIN SHED GRADE ALONG THE CENTERLINE.

SHEET NAME: MAINLINE PROFILE		
PROJECT NAME: PROCTOR	BRIDGE NO.: 2	OVER: OTTER CREEK
PROJECT NUMBER: BHF 0155(5)S	FILE NAME: z:\m\154\08\aj\08051.dgn	PLOT DATE: 2-FEB-2002
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J.G. MOORE	PARA NAME: S:\08051.dgn
DESIGNED BY: C. MOTHER	BRIDGE SHEET NUMBER:	SHEET 9 OF 95

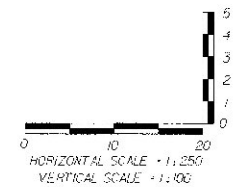
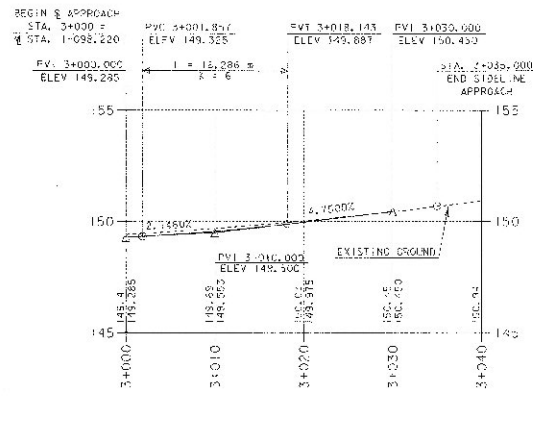


SUBBASE TRANSITION BETWEEN
STA 1+005 - STA 1+035 AND
STA 1+035 - STA 1+135
NTS



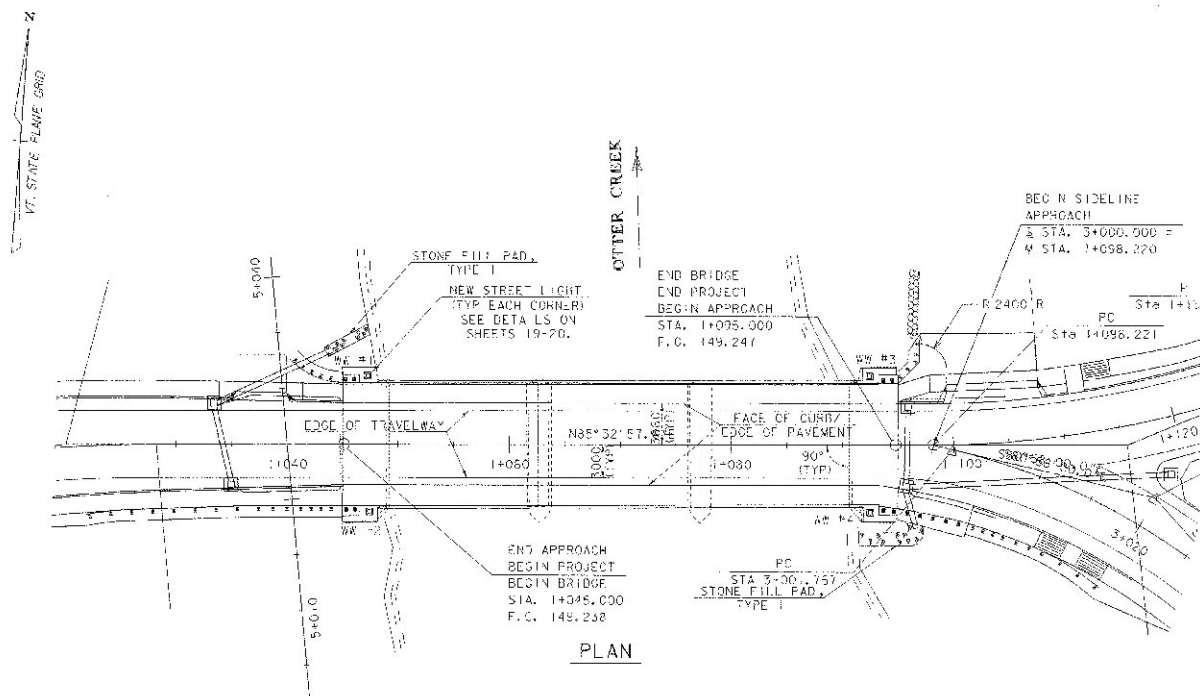
SUBBASE TRANSITION BETWEEN
STA 3+005 - STA 3+035
NTS

Sideline Profile

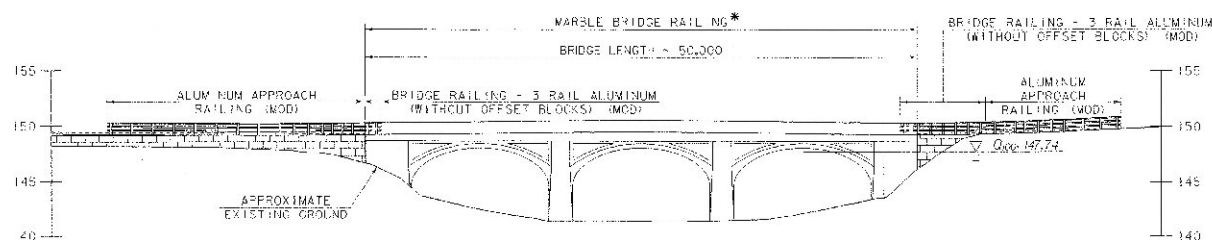


NOTE:
GRADES SHOWN TO THE NEAREST
HUNDRETH ARE THE OLD GROUND
ALONG THE CENTERLINE. GRADES
SHOWN TO THE NEAREST T-HOUSANDTH
ARE THE PROPOSED FINISHED GRADE
ALONG THE CENTERLINE.

SHEET NAME: SIDELINE PROFILE		
PROJECT NAME: PROCTOR	DESIGN NO.: TH-3	
PROJECT NUMBER: BHF 0155(5)S	SYDNEY NO.: 2	
	OWNER: UTTER CREEK	
FILE NAME: /s/11/547055/6/0088xld.pdf	PLT DATE: 12-14-2002	
FILED BY: MANAGER: G.S. ROBERTS	DRAWN BY: J. CLUMORE	
DESIGNED BY: C. MEUNIER	PATCH NAME: 4/20/99/2/1	
BRIDGE SHEET NUMBER:	SHEET NO. OF 59	



NOTE:
FOR DETAILS OF ALUMINUM RAILING
SEE SHEETS 31-32.



*SEE GENERAL NOTES ON SHEET 21 FOR
DETAILS ON REPLACEMENT OF THE
MARBLE BRIDGE RAIL

ELEVATION VIEW OF UPSTREAM FASCIA

SHEET NAME: PLAN AND ELEVATION			
PROJECT NAME:	PROCTOR	HIGHWAY NO.:	1-3
PROJECT NUMBER:	BHF 0155151S	BRIDGE NO.:	2
		OVER:	OTTER CREEK
FILE NAME:	201111341002/20100202.dgn	PLCT DATE:	12-FEB-2002
PROJECT MANAGER:	G.S. ROGERS	DRAWN BY:	J. GILMORE
DESIGNED BY:	C. MEUNIER	PAWK NAME:	010802.dwg
BRIDGE SHEET NUMBER:			SHEET 11 OF 39

SEEDING FORMULA URBAN AREAS



Z. W. -	kg/ha	NAME	PUR. %	GERM. %
42.5	33.0	CREeping RED FESCUE	88	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
47.5	38.0	KENTUCKY BLUE GRASS	85	80
5.0	4.0	ANNUAL RYE GRASS	35	85
100.0	80.0			

GENERAL NOTES

SEED MIXTURES SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEEDS TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

VERTICAL CURVE FORMULA 10-20-10 TO BE USED WITH SEEDS APPLIED AT THE RATE OF 360 kg/ha. HYDRO SEEDERS MAY USE 18-18-8 FORMULA.

AGRICULTURAL LIMESTONE TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

40% MULCH TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

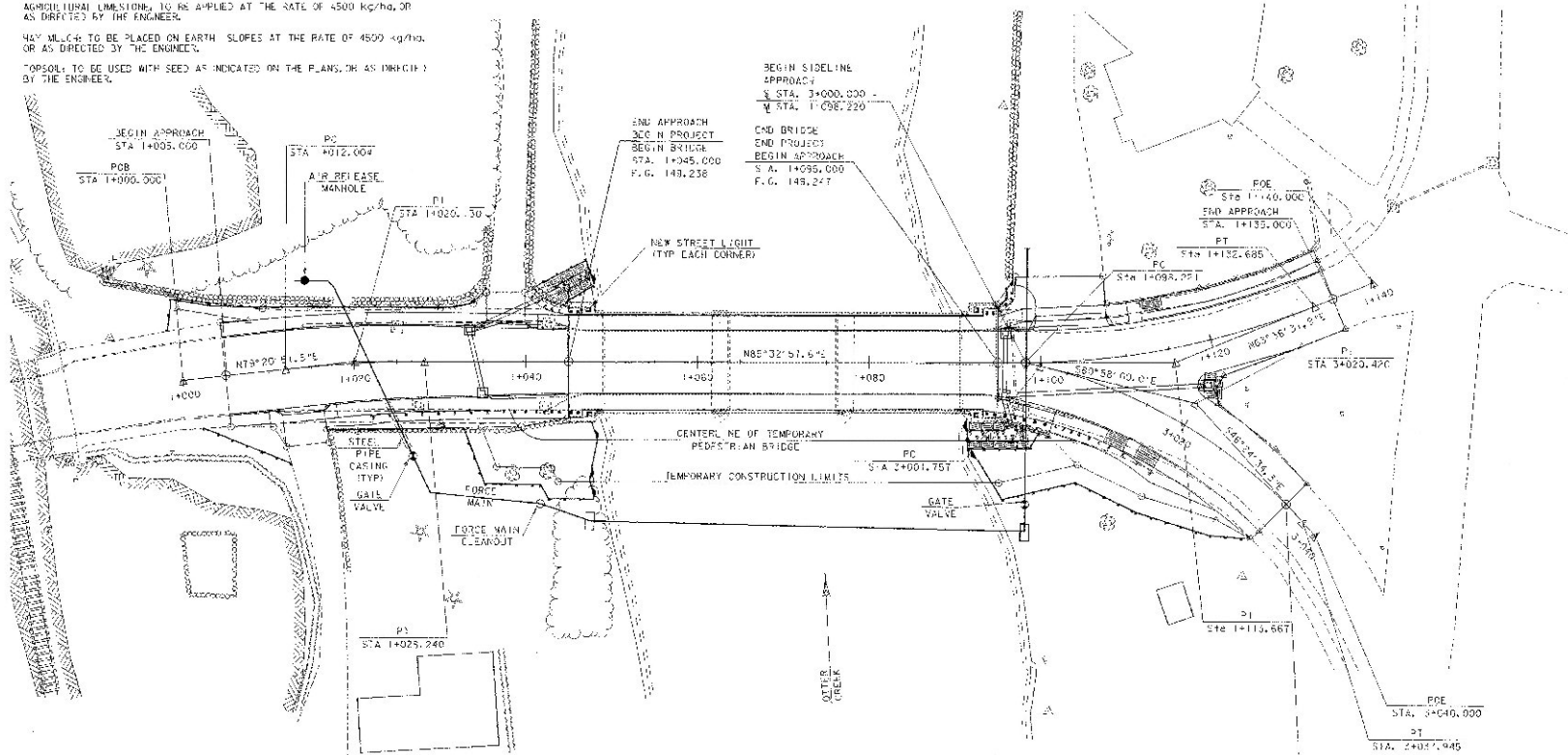
TOPSOIL TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

NOTES

1. USE THIS SHEET IN CONJUNCTION WITH STANDARDS T-1W AND T-2W.

2. SUBJECT TO THE APPROVAL OF THE RESIDENT ENGINEER, AN ALTERNATE EROSION CONTROL PLAN MAY BE SUBMITTED BY THE CONTRACTOR.

3. THE CONTRACTOR WILL USE OTHER TEMPORARY OR PERMANENT EROSION CONTROL MEASURES AS REQUIRED BY THE CONSTRUCTION SEQUENCE AND THE RESIDENT ENGINEER. (SEE SECTION 105.25 OF THE VERMONT STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 1995.)



LEGEND

FABRIC CURTAIN -

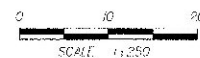
SILT FENCE -

HAY BALES -

STONE FILL TYPE 1 -

MAINLINE CURVE #1

Radius	150.000
Delta	67°12'05.0" Right
Length	16.236
Tangent	6.126
Chord	16.228
Middle Ordinate	0.220
External	0.220



SIDE LINE CURVE DATA

Radius	60.000
Delta	34°33'25.7" Right
Length	36.183
Chord	35.642
External	2.826

SHEET NAME: EROSION CONTROL PLAN

PROJECT NAME: PROCTOR

PROJECT NUMBER: BHF 0155(5)S

FILE NAME: /shtml/343088/sj088ero.cpn

PROJECT MANAGER: G.S. ROGERS

DESIGNED BY: C. HUNTER

BRIDGE SHEET NUMBER:

BRIDGE NO. 2

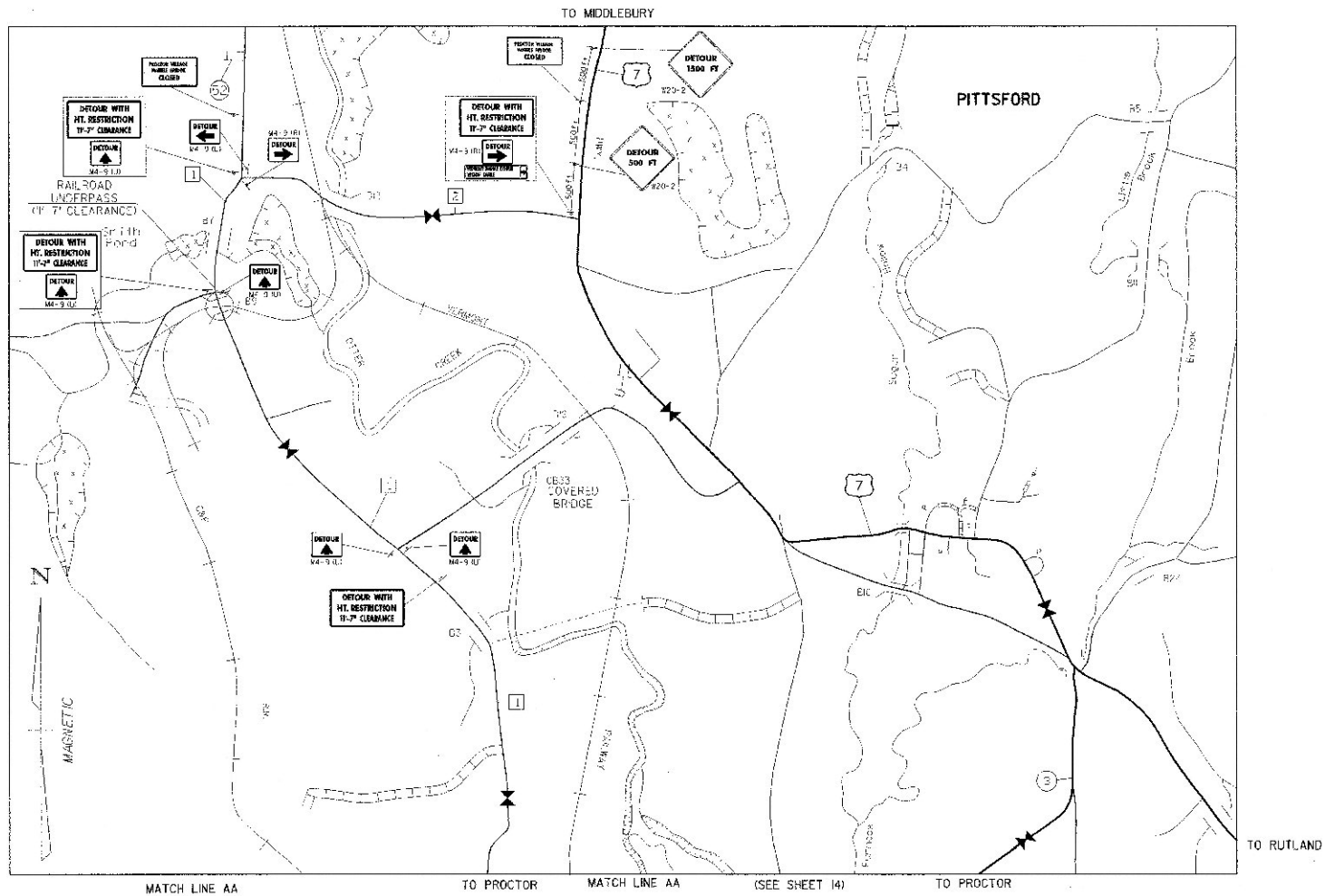
OVER: OTTER CREEK

PLOT DATE: 12-FEB-2002

DRAWN BY: J. GILMORE

PLANNING NAME: SJ088ero.cpn

SHEET 12 OF 69



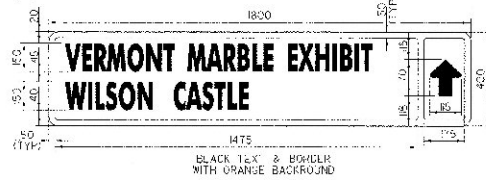
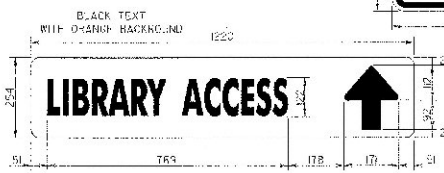
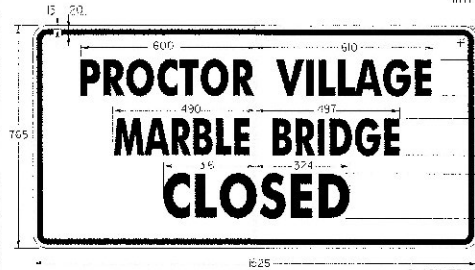
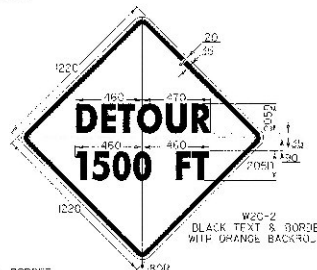
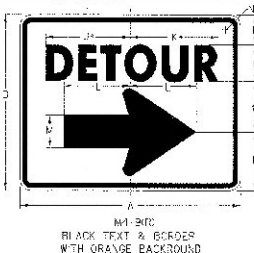
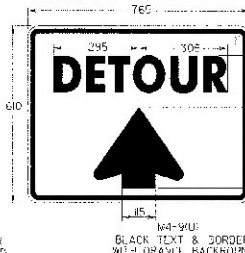
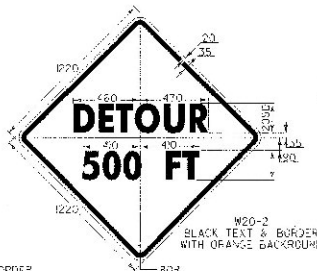
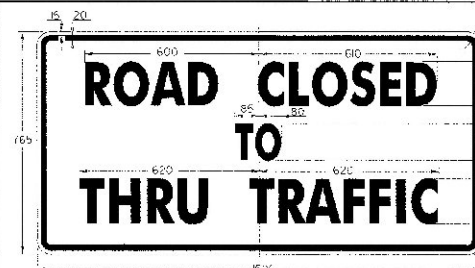
SHEET NUMBER TRAFFIC DETOUR SHEET 3			
PROJECT NAME: PROCTOR	DESIGN NO.: 14 3		
PROJECT NUMBER: BHF 0155(5)S	SHEET NO.: 2		
FILE NAME: c:\p1\1400A\1400A.dwg	DATE: 07/15/02		
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: T. MANGINI		
PROJECT FILE: G. ROGERS	DATE: 07/15/02		
PROJECT SHEET NUMBER: 14 3	OF 14		

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DETOUR SIGN SUMMARY SHEET

Metric

QUANTITY OF SIGNS	SIGN LEGEND	SIGN DIMENSIONS (mm)	FLANGED CHANNEL (mm)
7	PROCTOR VILLAGE MARBLE BRIDGE CLOSED	1525 x 765	X
6	DETOUR WITH HT. RESTRICTION 11'-7" CLEARANCE	1525 x 765	X
4	NO TRACTOR TRAILER TRUCKS	525 x 765	X
4	DETOUR 500 FT	W20-2	X
5	ROAD CLOSED TO THRU TRAFFIC	R 1-4	X
4	DETOUR 1500 FT	W20-2	X
23	DETOUR	M4-3 (L)	X
16	DETOUR	M4-3 (R)	X
12	DETOUR	M4-3 (L)	X
4	E-107a M		
4	E-107a M		
1	E-125 M		X
2	VERMONT MARBLE EXHIBIT WILSON CASTLE	1800 x 400	
1	VERMONT MARBLE EXHIBIT WILSON CASTLE	1800 x 400	
1	VERMONT MARBLE EXHIBIT WILSON CASTLE	1800 x 400	X
1	VERMONT MARBLE EXHIBIT WILSON CASTLE	1800 x 400	



SEE STD. E-121M FOR SIGN PLACEMENT



SHEET NAME: DETOUR SIGN SUMMARY SHEET	PROJECT NAME: PROCTOR	HIGHWAY NO.: 123
PROJECT NUMBER: BH 0155(5)	BRIDGE NO.: 7	OVER: OTHER CROSS
FILE NAME: /AT/0155(5)/0155(5).dgn	PLAT DATE: 12-FEB-2002	
PROJECT MANAGER: G.S. ROGERS	TRAIN: 015	T. MASON
DESIGNED BY: C. HARRIS	PLAT NAME: 0155(5).dgn	
SPEC SHEET NUMBER:	SHEET: 1	OF 10



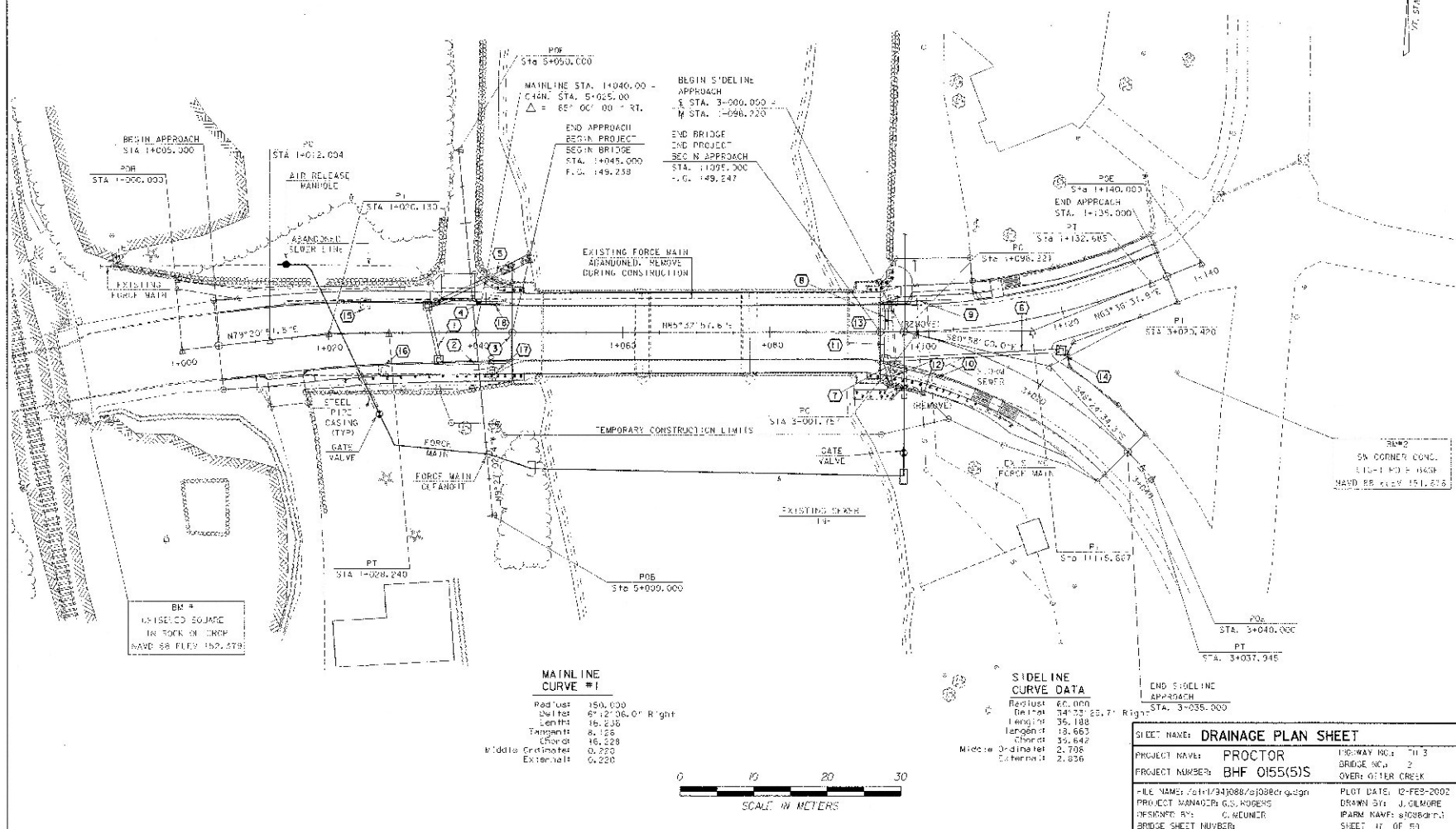
NO.	STATIONS	DESCRIPTION	NO.	STATIONS	DESCRIPTION
1	1+033.5 LT-1+035 RT	NEW 450 X 7000 PIPE OPTION W/RODI AND TYPE D GRADE AT INLET	9	1+096 LT - 1+105 LT	NEW 150 UNDERDRAIN
2	1+035 RT - 1+045 RT	NEW 150 UNDERDRAIN	10	1+096 RT - 1+104 RT	NEW 150 UNDERDRAIN
3	1+045 LT - 1+045 LT	NEW 150 UNDERDRAIN	11	1+096 LT - 1+096 RT	NEW 150 UNDERDRAIN
4	1+033.5 LT-1+045 LT	NEW 150 UNDERDRAIN	12	1+096 RT - 1+097 RT	REMOVE EXISTING 200 PIPE AND DI
5	1+033.5 LT-1+044 LT	NEW 450 X 11,500 PIPE OPTION W/RODI AND TYPE D GRADE AT INLET AND 4000 X 4500 TYPE I STONE FILL PAD AT OUTLET	13	1+097 LT - 1+097 RT	REMOVE EXISTING 200 PIPE AND DI
6	1+096 RT - 1+19 RT	NEW 450 X 24,000 PIPE OPTION W/RODI AND TYPE D GRADE AT INLET	14	1+19 RT	REMOVE EXISTING DI
7	1+096 RT - 1+097 RT	NEW 450 X 4000 PIPE OPTION W/RODI AND TYPE D GRADE AT INLET AND 1200 X 6000 TYPE I STONE FILL PAD AT OUTLET	15	1+025 LT	REMOVE EXISTING DI
8	1+096 LT - 1+096 RT	NEW 450 X 7000 PIPE OPTION W/RODI AND TYPE D GRADE AT INLET	16	1+027 RT	REMOVE EXISTING DI
			17	1+042 RT	REMOVE EXISTING DI
			18	1+045 LT	REMOVE EXISTING DI

SEE DRAINAGE DETAIL SHEET 13 FOR MORE INFORMATION.

PIPE OPTIONS
PCCSP 1.7mm
CAAP 1.6mm
CPEP

MAINLINE CURVE #2

Radius 90.000
Delta 2° 50' 25.7" Left
Length 34.484
Tangent 37.446
Chord 34.754
Middle Ordinate 1.665
External 1.675



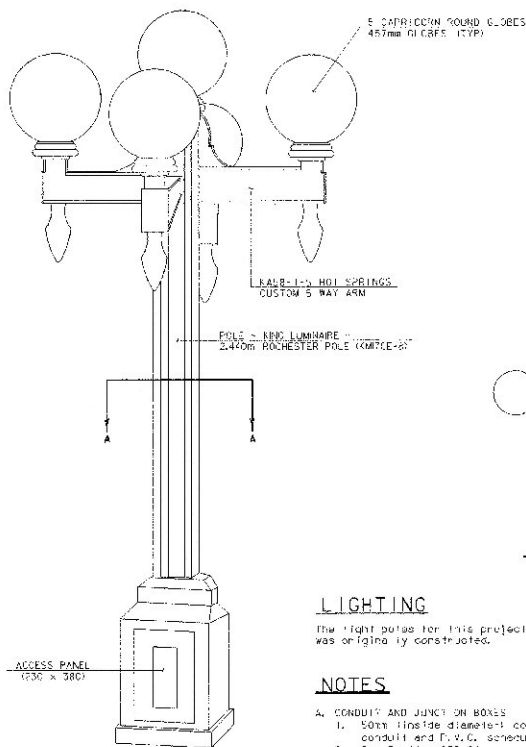
STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

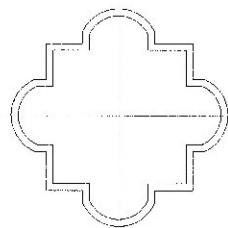


STATION	STATION	POS.	ASB	INLET/OUTLET TYPE	DITCH	UNDERDRAIN	PIPE	ALLOWABLE OPTIONS	PIPE SLOPE	FS	CR	DEPTH	COND	REIN	DI	CHAN	CRM	TRENCH	COMM	LMC	STRUCT	GRAN	GRAN	PROS	STONE	BARBER	REMARKS
1+000	1+000																										
1+005	1+005.5	RT/RT		RCDI			450	7	X	X			2000	2.11	104	D		18									RCDI at Inlet, Number 1
1+005.5	1+044	LT/RT		RCDI	SF		450	11.5	X	X			2000	2.84	133	D		50							1.35	1	RCDI at Inlet, Stone Fill Pad at Outlet, Number 5
1+006	1+119	RT/RT		RCDI			450	24	X	X			2000	2.11	104	D		43									RCDI at Inlet, Number 6
1+008	1+007	RT/RT		RCDI	SF		450	4	X	X			2790	2.80	148	D		32							2.16	1	RCDI at Inlet, Stone Fill Pad at Outlet, Number 7
1+009	1+036	LT/RT		RCDI			450	7	X	X			2450	2.43	119	D		20									RCDI at Inlet, Number 8
UNDERDRAINS																											
1+036	1+045	RT/RT				150	10										10										Underdrain, Number 2
1+045	1+045	RT/RT				150	8										5										Underdrain, Number 3
1+035.5	1+045	LT/RT				150	11										9										Underdrain, Number 4
1+036	1+105	LT/RT				150	10										10										Underdrain, Number 9
1+036	1+104	RT/RT				150	9										9										Underdrain, Number 10
1+006	1+006	LT/RT				150	7										4										Underdrain, Number 11
EXISTING DRAINAGE																											
1+006	1+007	RT/RT															10	2									Remove Existing 200 Pipe and DI, Number 12
1+007	1+007	LT/RT															4	2									Remove Existing 200 Pipe and DI, Number 13
1+119		RT															2										Remove Existing DI, Number 14
1+006		LT															2										Remove Existing DI, Number 15
1+007		RT															2										Remove Existing DI, Number 16
1+042		RT															2										Remove Existing DI, Number 17
1+043		LT															2										Remove Existing DI, Number 18
SUBTOTALS																											
ROUNDING																											
TOTALS																											

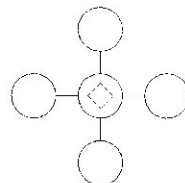
PROJECT NAME: PROCTOR
PROJECT NUMBER: BHF 0155(5)
FILE NAME: /sfr1/04000/0080.dwg
PROJECT LEADER: G.S. ROGERS
DESIGNED BY: C. MEUNIER
DRAWN BY: J. GILMORE
CHECKED BY: C. MEUNIER
SHEET 18 OF 59



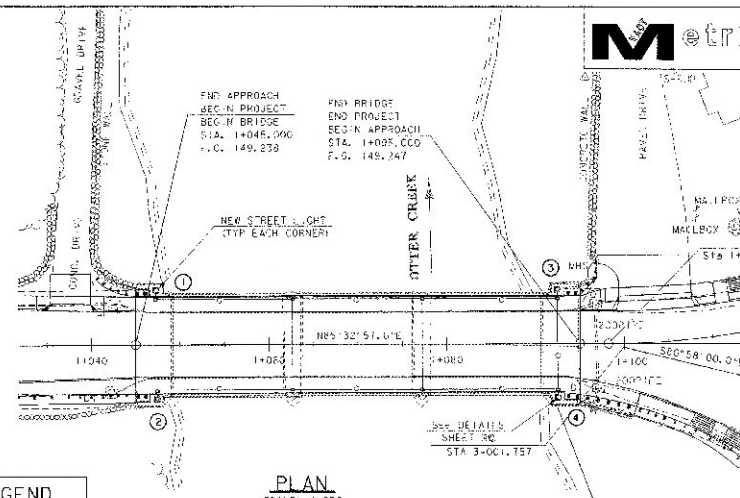
LIGHTPOLE ELEVATION
NTS



LIGHTPOLE PLAN (SECTION A-A)
NTS



SCHEMATIC DIAGRAM
NTS



PLAN
SCALE: 1/4\"/>

LIGHTING

The light poles for this project were selected to match as close as possible to the original lighting that existed when the bridge was originally constructed.

NOTES

- A. CONDUIT AND JUNCTION BOXES
 1. 50mm inside diameter conduit shall be used throughout the project. All conduit shall be P.V.C. schedule 40 electrical conduit and P.V.C. schedule 80 conduit (above ground and in concrete) as detailed in these plans.
 2. See Section 679.04.

- B. GROUNDING
 1. Aluminum wire shall not be used for ground wire.
 2. See Section 679.04.

C. POLES AND ANCHOR BASES

1. The historic sidewalk light poles shall be a "King Luminaire" - Rochester Design" (with classic cruciform aluminum extruded non-repaired shell which has a height of 2.44m) along with the "His Spring Custom 5 Way Arm with Capricorn Round Globes". The pole shall have one single weatherproof receptacle installed 50mm below the top of the pole. The anchor base shall have four anchor bolts and a two piece cast aluminum base cover that is 500mm square. Tension size to be appropriate for luminaire.
2. Each pole shall be mounted to the concrete base with four anchor bolts, nuts and washers as provided with the light pole. See "Deck Reinforcing Details" sheet 22 of 55 for anchorage to bridge. Wiring encasement shall be an 50mm x 130mm tapered resistant access door in the pole base.
3. Finish shall be a black, two applications and touch up after first application are required.

D. WIRE

1. All wiring between the power source and the first pole and between poles shall be copper, 5.0mm sq. (1#10). All wire shall have Type XHHW insulation or equivalent.
2. Use 5.0mm stranded copper wire in each pole between the pole base and the luminaire.
3. All conduit shall include a grounding conductor.
4. See Section 679.06 and 679.07.

E. GENERAL

1. All structural detail and installation shall meet the requirements of the National Electric Code, State and Local Codes and the Local Utility Company Requirements.
2. The load on each branch of a three wire circuit shall be as balanced as possible, load to neutral.
3. Conduit locations shown on this drawing are approximate, actual locations shall be determined in the field.
4. The contractor shall contact utility companies with underground facilities when excavating in the area of these utilities. The contractor shall also be responsible for coordinating and scheduling work with local utilities with facilities in the project area for location of power sources.
5. One photocell for the lighting circuit shall be located at the power source or some common point, as directed by the engineer.

F. WORK TO BE PERFORMED BY THE CONTRACTOR

1. The Contractor shall:
 1. Coordinate all items regarding project power with the Town of Proctor before commencing work.
 2. Install 4 new concrete bases with anchor bolts and conduit encasement for the historic lights. Concrete bases shall be paid for as Concrete, Class AA. See details on Sheet 20.
 3. Install 4 light poles, arms, luminaires, wiring, and disconnect plug kits.
 4. Install all junction boxes, the conduit, photocell, and wiring as detailed on plan drawings.
 5. Install power stationing, Option A. See Standard 5-75W.
 6. Install remote two pole relay with circuit breakers for automatic switching of the lighting circuit.
 7. The contractor is directed to Specification 679.02 in the VDOT 1995 Specifications regarding power poles for the street lighting.
 8. The contractor may open the bridge to traffic without the street lighting in operation. However, the contractor will be required to maintain safe passage of vehicles while workers are completing all street light work.

LIGHTING PAY ITEMS

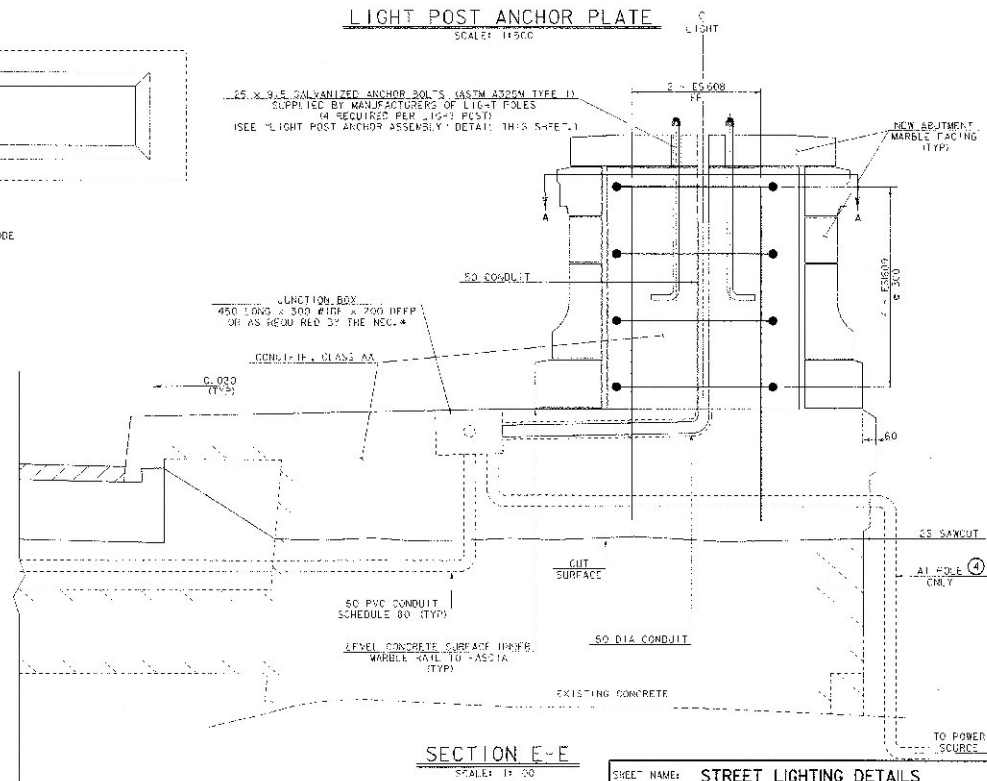
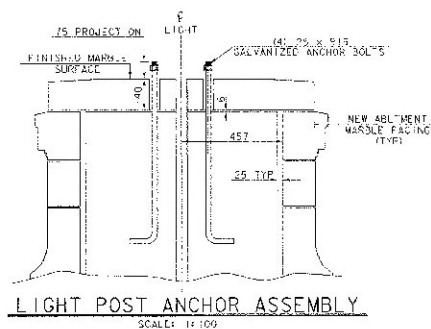
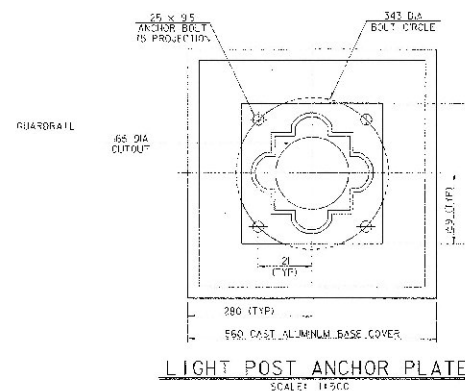
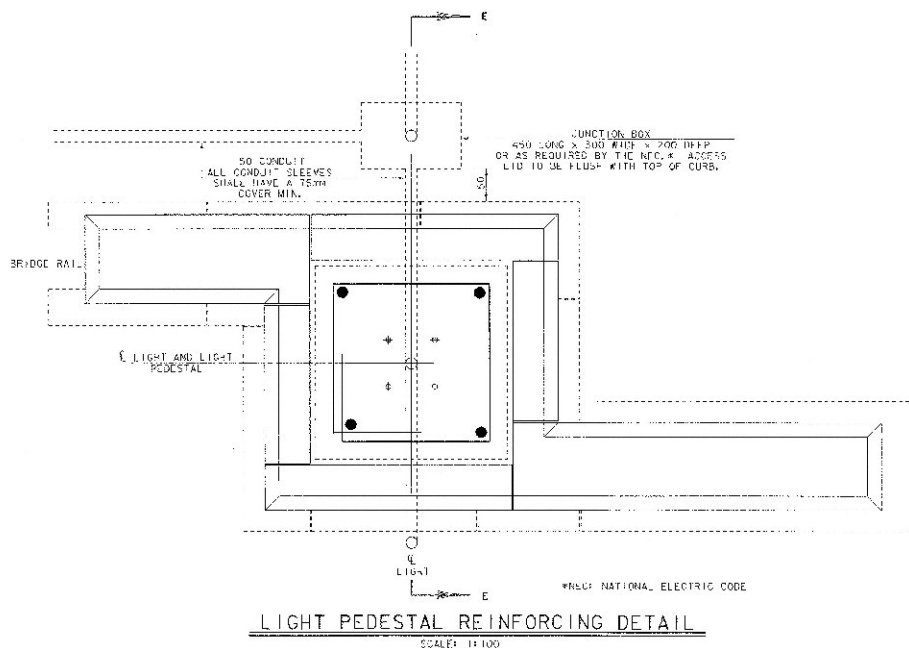
1. Two (2) 679.45 "Light Pole (Marble)" shall be modified so that payment will include the light poles, 5 way custom bracket, Capricorn globes, light bulbs and anchor bolts (as specified on these plans).
2. Ten extra replacement bulbs shall be provided and delivered to the town of Proctor for their use. The cost to be subsidiary to the item 679.45 "Light Pole (Marble)".

STREET LIGHTING LOCATIONS TABLE									
POLE NO.	LOCATION	OFFSET	LENGTH	WATTS	TYPE	HEIGHT	REMARKS		
1	1+045 LT.	6.1 M	100W	W	Ho	2.44 M	MOUNT ON MARBLE RAIL		
2	1+045 RT.	6.1 M	100W	W	Ho	2.44 M	MOUNT ON MARBLE RAIL		
3	1+052 LT.	6.1 M	100W	W	Ho	2.44 M	MOUNT ON MARBLE RAIL		
4	1+052 RT.	6.1 M	100W	W	Ho	2.44 M	MOUNT ON MARBLE RAIL		

NOTES: M = MOUNT
H = HEIGHT
F = FOUNDATION

SHEET NAME: STREET LIGHTING PLAN AND NOTES

PROJECT NAME:	PROCTOR	HIGHWAY NO.:	113
PROJECT NUMBER:	BHF 0155(S)	BRIDGE NO.:	2
FILE NAME:	strl1941088/00862.dgn	OVER:	OTTER CREEK
PROJECT MANAGER:	G.S. ROGERS	DESIGNED BY:	J. GILMORE
DESIGNED BY:	G. GILMORE	PLANNING NAME:	00862.dgn
BRIDGE SHEET NUMBER:		SHEET:	19 OF 19



SHEET NAME: STREET LIGHTING DETAILS		
PROJECT NAME: PROCTOR	HO-WAY NO: TH 3	BRIDGE NO: 2
PROJECT NUMBER: BHF 0155(5)S	OVER OTHER SHEETS	
FILE NAME: /str/741088/s10688m.dgn	PLOT DATE: 12-FEB-2002	
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J. G. LMORE	
DESIGNED BY: C. MEINER	WARM NAME: HJH2002.1	
BRIDGE SHEET NUMBER:	SHEET: 20 OF 59	

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GENERAL NOTES

M

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 1995, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY MATERIALS, SIXTH EDITION, AND ITS LATEST REVISIONS.

2. ALL-SEASON CONSTRUCTION SHALL BE COMPLETED BY JUNE 1 TO OCTOBER 1, UNLESS THE CONTRACTOR OBTAINS WRITTEN PERMISSION FROM THE AGENCY OF HIGHWAY RESOURCES TO DO WORK OUTSIDE OF THAT TIME FRAME.

3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION OR POLLUTION, ESPECIALLY THE DISCHARGE OF RAW CONCRETE INTO THE RIVER CHANNEL.

4. THE COST OF ON-PROJECT STAFF AND EQUIPMENT REQUIRED SHALL BE SUBSIDIARY TO THE ITEM 641.10, "TRAFFIC CONTROL".

5. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND ARE GIVEN AT 20 DEGREES C UNLESS OTHERWISE NOTED.

6. THE JOINT IN CONCRETE CONSTRUCTION JOINTS SHALL BE REINFORCED AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT. ANY JOINTED JOINT SHALL BE PLACED INTEGRALLY WITH THE CONCRETE FROM THE JOINT.

7. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 25 MM BY 25 MM.

8. JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSIDERED AS INDICATED ON THE PLANS OR AS INDICATED BY THE SUPERVISOR.

9. ALL REINFORCING STEEL SHALL BE INSTALLED AND TREATED USING PROCEDURES AND REQUIREMENTS IN ACCORDANCE WITH NATIONAL SPECIFICATIONS OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI).

REINFORCING TOLERANCES SHALL BE:

SPACING ± 5 mm

CLEARANCE ± 5 mm

10. MINIMUM COVER FOR REINFORCING STEEL SHALL BE AS INDICATED IN THE PROJECT PLANS.

11. FOR BRIDGE SLAB WORK, THE WORKING TIME LIMIT FOR ANY CONSTRUCTION OF FORMS DOES IN ANY ONE DAY SHALL BE EIGHT HOURS. WORK SHALL BE A MINIMUM OF 95 HOURS BETWEEN THE COMPLETION OF ONE DAY'S WORK AND THE BEGINNING OF OTHER ALLOWABLE WORK. ALL STRUCTURAL STEEL FORMS SHALL START FROM THE LOW END OF THE TOLERANCE.

12. FORM REINFORCEMENT SHALL BE APPLIED TO ALL CONCRETE SURFACES INCLUDING THE TOP OF THE BRIDGES AND THE INSIDE FACES OF THE RETAINING WALLS.

13. THE DECK SHALL BE "CONCRETE, CLASS AA".

14. THE SIDEWALKS ON THE BRIDGE, SPECIAL SIDEWALKS (AS SHOWN ON SHEET 27), AND THE DRIVE POLE ENDS SHALL BE "CONCRETE, CLASS AA".

15. JOHN HIGHWAY 3 IS TO BE CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE TOWN A MINIMUM OF TWO (2) WEEKS PRIOR TO CLOSING THE HIGHWAY. THE CONTRACTOR SHALL CONTACT THE TOWN ENGINEER, PROCTOR TOWN CLERK AT (802) 458-3333.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE DETOUR SIGN FOR THE CLOSURE OF THE BRIDGE. THE DETOUR SIGN CLOSURE IS SHOWN ON SHEET 13-11. ALL SIGNS MUST BE INSTALLED PRIOR TO THE CLOSURE OF THE BRIDGE. THIS WORK WILL BE PAID FOR UNDER THE ITEM 641.10, "TRAFFIC CONTROL".

17. ANY REMOVAL, CHANGING AND/OR REPOSITIONING OF EXISTING TRAFFIC SIGNS, AS DEMAND NECESSARY BY THE RESIDENT ENGINEER, SHALL BE DONE UNDER A SEPARATE ORDER BY THE ITEM 641.10, "TRAFFIC CONTROL". SEE SHEET 30 "TEMPORARY MARKING AND SIGN SHEET" FOR MORE INFORMATION.

18. PEDESTALIAN TRAFFIC SHALL BE MAINTAINED BY THE USE OF A TEMPORARY BRIDGE. SEE TEMPORARY BRIDGE REQUIREMENTS ON SHEET 2. THE TEMPORARY BRIDGE REQUIREMENTS SHOULD BE IN PLACE PRIOR TO CLOSING THE BRIDGE TO VEHICULAR AND PEDESTRIAN TRAFFIC. THIS WORK WILL BE PAID FOR UNDER THE ITEM 641.10, "TEMPORARY PEDESTRIAN BRIDGE".

19. ACCESS TO DRIVES SHALL BE MAINTAINED. WHEN THE CONTRACTOR MUST TEMPORARILY RESTRICT ACCESS TO THE DRIVES, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER OR ADJACENT. THIS WORK WILL BE PAID FOR UNDER THE ITEM 641.10, "TRAFFIC CONTROL".

20. UNPAVED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.07 INCHES/SQUARE YARD BETWEEN SUCCESSFUL COURSES OF PAVEMENT AT THE DISCRETION OF THE ENGINEER.

21. THE CONTRACTOR MAY RECONSTRUCT AN EXISTING CONCRETE SLAB ROADWAY UNDER THE DRIVEWAY AT EACH APPROACH TO THE BRIDGE. THE REMOVAL OF THE SLAB SHALL BE PAID FOR UNDER THE ITEM 641.10, "ROADWAY MAINTENANCE". A QUANTITY OF 60 CM IS INCLUDED FOR THE 1995, FOR ANY REMOVAL THAT MAY BE REQUIRED.

22. THE SINKER LINE SHOWN ON THE PLANS WAS INSTALLED IN 1999. THE CONTRACTOR SHALL USE CAUTION WHILE WORKING AROUND THE SINKER LINES. FOR EXACT LOCATIONS AND LOCATION OF THE SINKER LINES, THE CONTRACTOR MAY CONTACT JOHN SMITH OF MOUNTAIN ENGINEERING AT (802) 775-2511 OR TALK WITH THE TOWN ENGINEER. IN THE STRUCTURES SECTION, IF THERE IS ANY DISCREPANCY TO THE SINKER LINES, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE RESULTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE TOWN ENGINEER OF THE TOWN OF PROCTOR AT (802) 458-3333 TO REPORT THE DISCREPANCY.

23. THE EXISTING DRIVE LINES SHALL BE REMOVED AND RECONSTRUCTED ON THE PROJECT FOR THE TOWN OF PROCTOR. THE CONTRACTOR SHALL LOAD WORK LINES IN THE DRIVE LINES AT THE CITY OF THE TOWN FOR REMOVAL FROM THE SITE. AT THE TOWN, THE TOWN ENGINEER SHALL BE GIVEN ONE HOUR IN ADVANCE TO THE TOWN ENGINEER TO HAVE THE MATERIAL WILL BE AVAILABLE. CONTACT THE TOWN ENGINEER, PROCTOR TOWN CLERK, AT (802) 458-3333. THIS WORK WILL BE PAID FOR UNDER THE ITEM 641.10, "TRAFFIC CONTROL".

- A) EXISTING METAL ROAD RAILINGS LOCATED AT EACH CORNER OF THE DRIVE (ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)");
- B) EXISTING LIGHT POLES LOCATED AT EACH CORNER (ITEM 529.20, "REMOVAL OF EXISTING RAILING (METAL RAILING)");
- C) EXISTING METAL RAILING LOCATED AT EACH CORNER (ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)");
- D) STOP SIGN (ITEM 675.50, "REMOVING SIGNS")

24. THE METAL ROAD RAILING LOCATED AT STATIONS 1+110 TO 1+115 FT. SHALL BE REMOVED DURING THE INSTALLATION OF THE NEW PORTLAND CEMENT SIDEWALK. THE METAL ROAD RAILING SHALL BE REINSTALLED AT LOCATIONS INDICATED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR UNDER THE ITEM 529.10, "REMOVING EXISTING RAILING (METAL RAILING)".

25. A QUANTITY OF 200 CM OF ITEM 529.10, "REMOVING EXISTING RAILING (METAL RAILING)" IS TO BE USED WHERE REQUIRED BY THE RESIDENT ENGINEER DURING THE RECONSTRUCTION FOR THE D.I.C. PIPE, AND OTHER CONSTRUCTION ITEMS THAT MAY REQUIRE RECONSTRUCTION SUCH AS RECONSTRUCTION AT THE END OF THE DRIVE WHERE THE NEW SINKER LINE WAS PRODUCED AS WELL AS TO MAINTAIN ACCESS TO DRIVE AT THE DRIVE.

26. THE METAL ROAD RAILING LOCATED AT EACH CORNER OF THE BRIDGE SHALL BE REMOVED WITHOUT CAUSING DAMAGE TO THE BRIDGE. THE METAL SHALL BE FILLED WITH A NON-SHARPENING SINKER GROUT. THE GROUTING WILL BE SUBSIDIARY TO THE ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)".

27. AFTER RECONSTRUCTION OF THE DRIVE AT STA 1+040 TO 1+110 AND STA 1+096 TO 1+110, THE DRIVE WALLS MUST BE REBUILT AROUND THESE TIES. THE DRIVE INCLUDED A QUANTITY OF 10 CM OF THE ITEM 675.50, "REMOVING EXISTING RAILING (METAL RAILING)".

MARBLE ARCH BRIDGE REPAIR

28. ABOVE THE EXISTING MARBLE RAILING WITH EXISTING CABLE. THE MARBLE RAILING INCLUDES THE RAILINGS, THE BRIDGES AND RAILINGS. THIS WORK WILL BE PAID FOR AS ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)".

29. THE CONTRACTOR SHALL ERECT A DISPLAY OF THE EXISTING RAILING AT A LOCATION APPROXIMATELY AS THE TOWN ENGINEER. CONTACT THE TOWN ENGINEER, PROCTOR TOWN CLERK AT (802) 458-3333 FOR EXACT LOCATION. THIS WORK WILL BE PAID FOR AS ITEM 675.50, "REMOVING EXISTING RAILING (METAL RAILING)". SEE SHEET 26 FOR DETAILS AND PAY 1995.

30. PAYMENT FOR REMOVAL OF THE EXISTING EXISTING CONCRETE PAVEMENT ON THE CONCRETE SLAB SHALL BE PAID UNDER THE ITEM 529.10, "REMOVAL OF EXISTING PAVEMENT". THE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AT AN APPROPRIATE LOCATION.

31. REMOVE THE EXISTING SIDEWALK. CONCRETE SLAB AND MARBLE ARCH BRIDGE. PARTIALLY REMOVE THE SIDEWALK WALLS ON EACH SIDE OF THE ARCH TO THE DRIVE STREET ON SHEET 25. THIS WORK WILL BE PAID FOR UNDER THE ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)".

32. THERE IS AN EXISTING CABLE LINE LOCATED UNDER THE DRIVEWAY ON THE NORTH SIDE OF THE DRIVE. IT IS NOT IN OPERATION. THE CABLE LINE SHALL BE REMOVED AND DISPOSED OF. THIS WORK WILL BE PAID FOR UNDER THE ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)".

33. THE EXISTING CONCRETE PAVEMENT OF THE SIDEWALK ON THE BRIDGE SHALL BE REBUILT IN KIND. THE CONTRACTOR WILL HAVE TO MAKE A RECONSTRUCTION OF THE PAVEMENT PRIOR TO THE REMOVAL OF THE EXISTING SIDEWALK. THE EXISTING CONCRETE PAVEMENT SHALL BE REBUILT AND REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER PRIOR TO THE RECONSTRUCTION. THIS WORK WILL BE PAID FOR UNDER THE ITEM 529.10, "CONCRETE, CLASS AA".

34. UPON REMOVAL OF THE CONCRETE SLAB, THE CONTRACTOR SHALL REMOVE ALL FILL THAT IS ON THE EXISTING ARCH. THIS WORK WILL BE PAID FOR UNDER THE ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)". DURING THIS WORK, THE CONTRACTOR MAY RECONSTRUCT PORTIONS OF THE ORIGINAL SPANWALL WALL. THIS CONCRETE WALL SHALL NOT BE REMOVED DURING THE REMOVAL OF THE FILL.

35. A) ONCE ALL THE FILL IS REMOVED, THE CONTRACTOR SHALL CLEAN THE INSIDE OF THE ARCHES AND THE TOWN ENGINEER SHALL INSPECT THE ARCHES WHICH SHALL BE RECONSTRUCTED WITH A MINIMUM "DEPTH OF CONCRETE RECONSTRUCTION INSIDE ARCHES 11" OR "CLASS III." THE PROJECT MANAGER SHALL BE CONTACTED BY THE RESIDENT ENGINEER TO DISCUSS THE "CLASS III" OF REPAIRS REQUIRED.

B) THE EXISTING CONCRETE SURFACES ON THE DRIVEWAY OF THE ARCHES AS WELL AS THE SIDEWALKS AND DRIVEWAY SHALL BE REPAIRED. THE CONTRACTOR SHALL REPAIR ALL EXISTING AREAS THAT ARE ABOVE THE WATER SURFACE. THE CONTRACTOR SHALL NOT REPAIR ANY WORK BELOW THE WATER SURFACE. THE WORK TO REPAIR THE DRIVEWAY OF THE ARCHES SHALL BE IN A FUTURE PHASE OF CONSTRUCTION. RECONSTRUCT DRIVEWAY CLASS II OR CLASS III." THE CONTRACTOR AND RESIDENT ENGINEER SHALL DISCUSS THE "CLASS III" OF REPAIRS REQUIRED.

36. THE EXISTING DRIVE CURBS SHALL BE CUT FLUSH AT THE TOP CORNER OF THE ARCHES. THE DRIVE TURNS AND GRADES WILL NOT BE REPLACED. FILLER PAVED SHALL BE PLACED OVER THE DRIVE CURBS AS DEMAND ON SHEET 25. THIS WORK WILL BE PAID FOR UNDER ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)".

37. ANY MARBLE BRIDGE THAT IS REMOVED DURING THE REMOVAL OF THE CONCRETE SIDEWALK AND DRIVE SHALL BE REINSTALLED. THIS WORK WILL BE PAID FOR UNDER THE ITEM 529.25, "SINKER BRIDGE PAVING". A QUANTITY OF 10 CM IS INCLUDED FOR THIS WORK ITEM FOR REPLACEMENT THAT MAY BE REQUIRED.

38. AFTER THE CONCRETE SURFACES ARE REPAIRED ON THE TOP OF THE ARCHES AND THE INSIDE FACES OF THE SIDEWALKS AND DRIVEWAY, THE CONTRACTOR SHALL REPAIR THE CONCRETE WITH WATER REPELLENT.

39. THE ARCHES SHALL BE REPAIRED WITH "MARBLE ARCHES" FOR STRUCTURES (NO. LIGHTWEIGHT AGGREGATE FILL). SEE SPECIAL PROVISIONS.

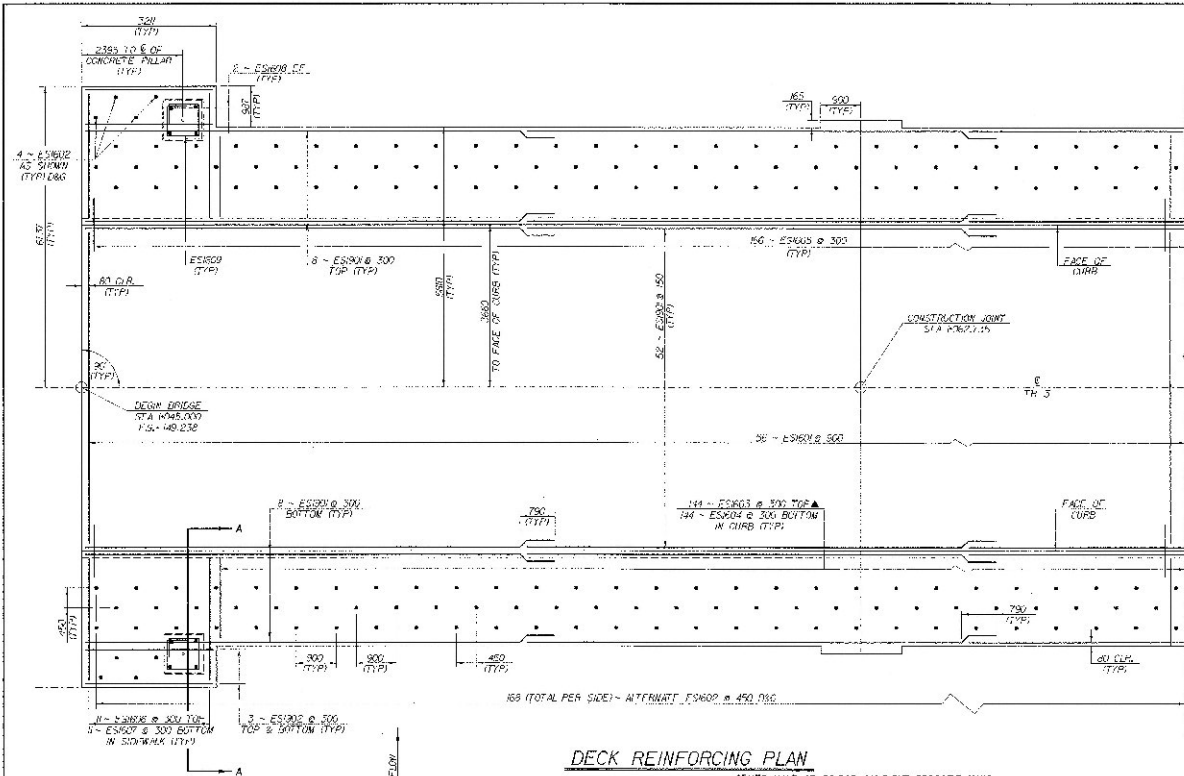
40. THE RECONSTRUCTION OF THE NEW MARBLE RAILING IS BEING DONE UNDER A PREVIOUS CONTRACT AND IS NOT PART OF THIS CONTRACT.

41. THE RECONSTRUCTION OF THE NEW MARBLE RAILING, GRANTS INSTRUCTORS (NO. 100 MARBLE, 100 MARBLE) SHALL BE INSTALLED TWO FEET IN ADVANCE OF THE RECONSTRUCTION OF THE MARBLE RAILING. THIS WORK SHALL BE A MINIMUM OF TWO FEET IN ADVANCE OF THE RAILING TO THE ARCH SITE. CONTACT THE TOWN ENGINEER AT (802) 458-3333.

42. THE RECONSTRUCTION OF THE NEW MARBLE RAILING WILL INVOLVE A REPRESENTATIVE TO PROVIDE SUPERVISION TO THE CONTRACTOR TO INSURE CORRECT INSTALLATION OF THE NEW RAILING.

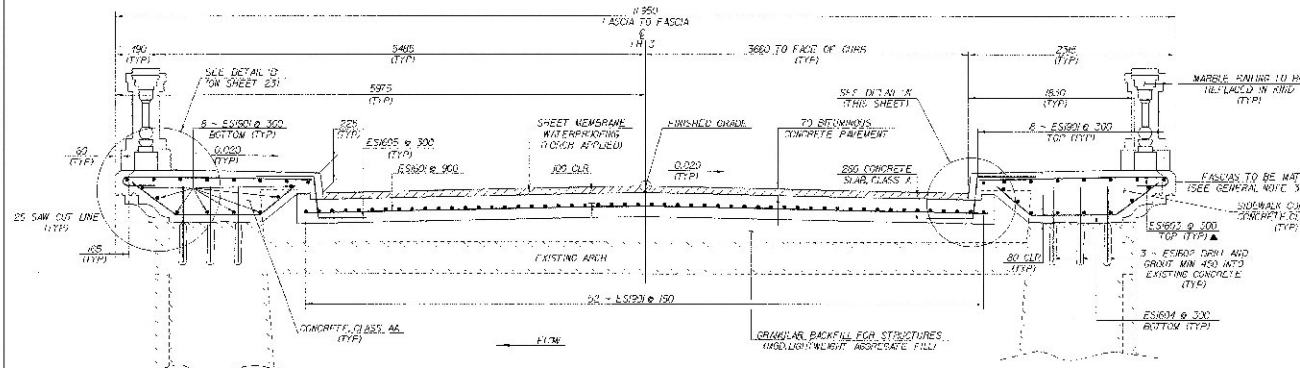
43. THE NEW MARBLE RAILING SHALL BE REPAIRED WITH SINKER CABLE. THIS WORK WILL BE PAID FOR UNDER THE ITEM 529.10, "REMOVAL OF EXISTING RAILING (METAL RAILING)". SEE SHEET 26 FOR DETAILS. THIS ITEM INCLUDES THE SETTING, GRouting, AND ANCHORING OF THE RAILING. SEE ATTACHED AND EXISTING FOR MORE INFORMATION. (MARBLE 50, 50).

PROJECT NAME:	PROCTOR	PLOT DATE:	8/15/01
PROJECT NUMBER:	BHF 0155(5)	DRAWN BY:	J. CLUMORE
FILE NAME:	h:\194088\p088pen.xls	CHECKED BY:	C. MEUNIER
PROJECT LEADER:	G.S. ROGERS	SHEET	21 OF 59
DESIGNED BY:	G. MEUNIER		
GENERAL NOTES SHEET			



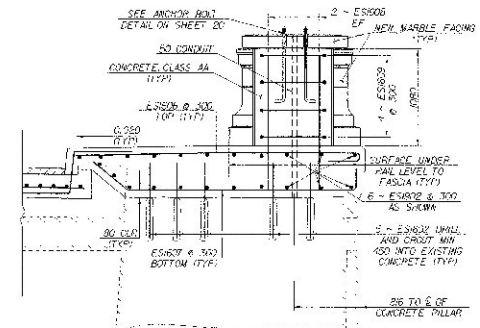
DECK REINFORCING PLAN

OTHER HALF OF BRIDGE SAME, BUT OPPOSITE HAND
CONSTRUCTION JOINT AT STA 107+265 AND END BRACING STA 108+50
SCALE 1/250



DECK REINFORCING SECTION

SCALE 1/250



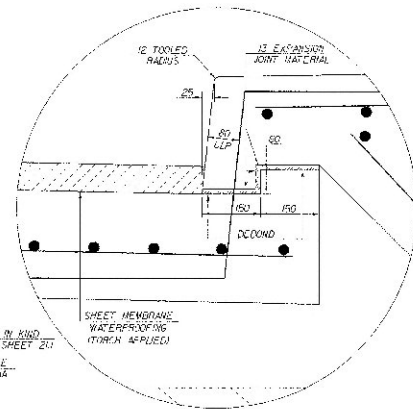
SECTION A-A

SCALE 1/250

SEE SHEET 25 FOR ADDITIONAL DETAILS

NOTE:

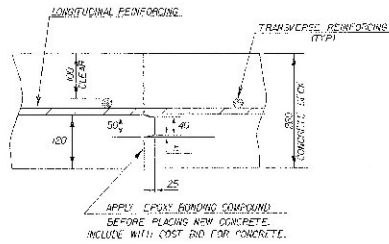
1. RC CLEAR UNLESS OTHERWISE NOTED
2. DRG - DRILL AND GROUT MIN OF 450 INTO EXISTING CONCRETE
3. IN - IN PLACE
4. PF - PAR FACE
5. EF - EACH FACE
6. CUT TO 1" IN FIELD
7. EXISTING CONCRETE OR MARBLE TO REMAIN



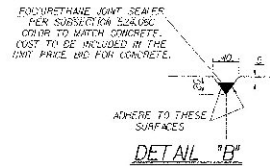
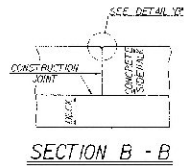
DETAIL 'A'

NTS

SHEET NAME: DECK REINFORCING DETAILS		
PROJECT NAME: PROCTOR	RD-WAY NO: TH 3	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO: 2	
FILE NAME: 01-11-11-082-0108000.dwg	OVER: OTHER CREEK	
PROJECT MANAGER: W. HODGINS	PLST DATE: 11-FEB-2012	
DESIGNED BY: C. MEYER	DRAWN BY: J. GILMORE	
BRIDGE SHEET NUMBER:	P&M NAME: 1080800.dwg	
	SHEET 22 OF 59	

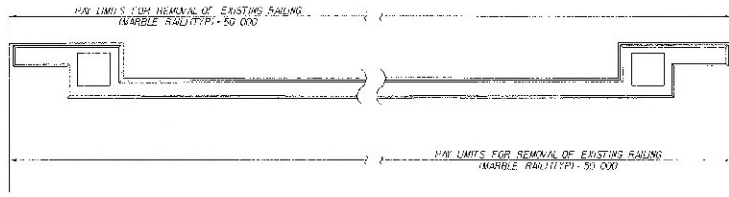
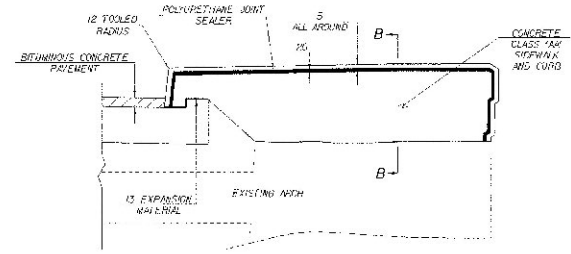


TRANSVERSE BRIDGE SLAB
CONSTRUCTION JOINT DETAILS
NTS

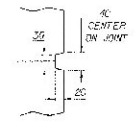
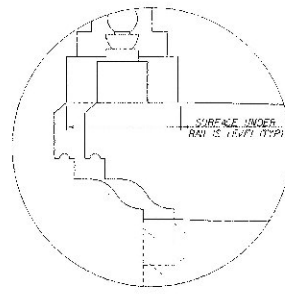


NOTES

1. CONSTRUCTION JOINTS THROUGH CONCRETE SIDEWALKS SHALL BE SPACED IN 3 EQUAL SECTIONS PER SLAB SECTION. CONCRETE SHALL BE PLACED IN ALTERNATING SECTIONS WITH A MINIMUM OF 48 HOURS DELAY BETWEEN ADJACENT PORTS.
2. LONGITUDINAL REINFORCING SHALL PASS THROUGH CONCRETE SIDEWALK CONSTRUCTION JOINTS.



RESETTING RAIL



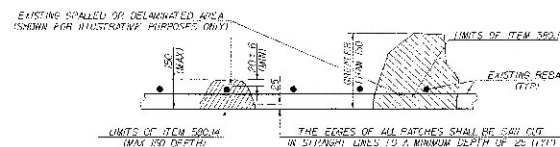
SHEET NAME:	ADDITIONAL SLAB/BRIDGE DETAILS		
PROJECT NAME:	PROCTOR	HIGHWAY NO.:	TH 3
PROJECT NUMBER:	BHF 0155(5)S	DRAWING NO.:	2
		OVER:	OTHER SHEET
FILE NAME:	76111794 0081610384up.dgn		
PROJECT MANAGER:	D.S. ROGERS	DATE:	12-FEB-2002
DESIGNED BY:	C. NEUBER	DRAWN BY:	U. BILMORE
BRIDGE SHEET NUMBER:		NAME:	0155(5)S
		SHEET:	23 OF 59

SHEET NAME: EXISTING SECTION OF ARCH	
PROJECT NAME: PROCTOR	COUNTY NO. 7 H 3
PROJECT NUMBER: BMF 0155(5S)	BRIDGE NO. 3
	OVER OTHER CREEK
FILE NAME: /s4/j03R/sj0886.sjdrn	PLT1 D4 E 0-FEB-2002
PROJECT MANAGER: G.S. TUGGEE	DRAWN BY: J.G. LOMON
DESIGNED BY: C. VEUNIER	PLT2 NAME: sj0886.sjdrn
BRIDGE SHEET NUMBER: 5	SHT 24 OF 59

SUBSTRUCTURE REPAIR NOTES FOR PIERS, ABUTMENTS AND ARCHES **(INTERIOR AND EXTERIOR)**

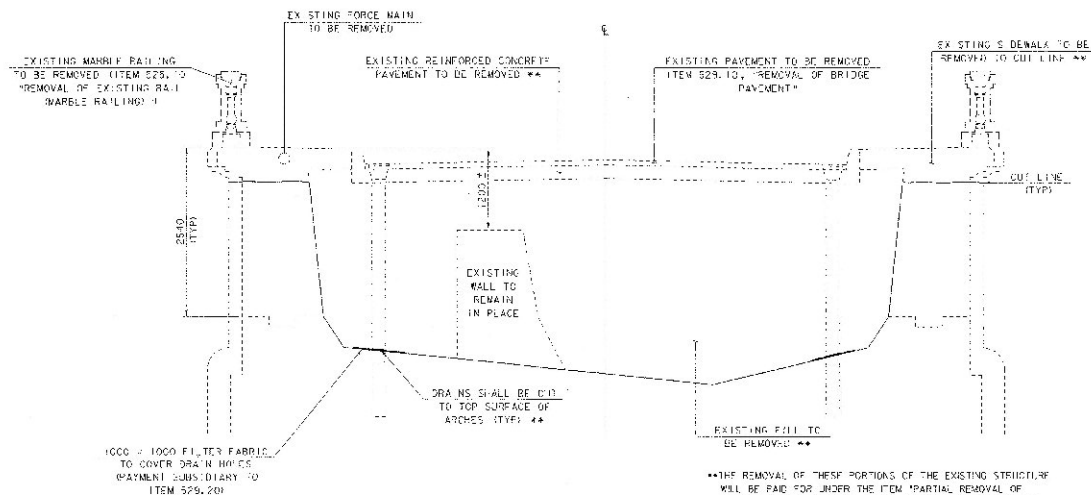
1. This work shall include removal of unsound and deteriorated concrete as directed by the engineer. The prepared surfaces shall be thoroughly sandblasted to remove all loose material and any contaminants or efflorescence. The sandblasting shall be exposed and sandblasted. The material used to fill a patch shall be placed and finished or formed so that the final surface will have the same slope, break and surface finish appearance as the original being repaired. The surface shall be thoroughly wetted prior to placement of patching material or new concrete. Immediately prior to placement, the surface shall be coated with a neat cement paste, mixed to the consistency of thick latex paint, thoroughly brushed into the surface. When "Overhead and Vertical Concrete Repair Material" conforming with subsection 180.02 is used, the bonding agent (if any required) and its application procedure shall comply with the requirements of the patching material manufacturer. Payment for bonding agent shall be subsidiary to Item 580.14 or 580.15.

- A. The limits for removal of concrete under Item 580.14 "Repair of Concrete Substructure Surface, Class II" shall be from the existing concrete surface to a minimum depth of 20mm (3/4") and inside the inside face of reinforcing steel and to a maximum depth of 150mm from the existing concrete surface. All work and materials necessary for repairing a patch and filling it shall be included in the unit price bid for Item 580.14. "Repair of Concrete Substructure Surface, Class II." The filling material shall be concrete, Class A, or an acceptable pneumatically applied concrete (see Special Provisions). The edges of all patches shall be saw cut in straight lines to a minimum depth of 25 mm.
- B. The limits for removal of concrete under Item 580.15 "Repair of Concrete Substructure Surface, Class III" shall be from the existing concrete surface to a depth of greater than 100mm. All work and material necessary for repairing and filling patches shall be included in the unit price for Item 580.15 "Repair of Concrete Substructure Surface, Class III." The filling material may be either concrete, Class A, or an acceptable pneumatically applied concrete (see Special Provisions). The edges of all patches shall be saw cut in straight lines to a minimum depth of 25mm.
- C. If pneumatically applied concrete is selected for "Repair of Concrete Substructure Surface, Class I" or Class II, then this type of concrete shall be confined only to vertical and overhead surfaces of the substructure.



**DETAIL SHOWING LIMITS OF ITEMS
 580.14 AND 580.15 REPAIR OF CONCRETE
 SUBSTRUCTURE SURFACE CLASS II OR CLASS III**

N.T.S.

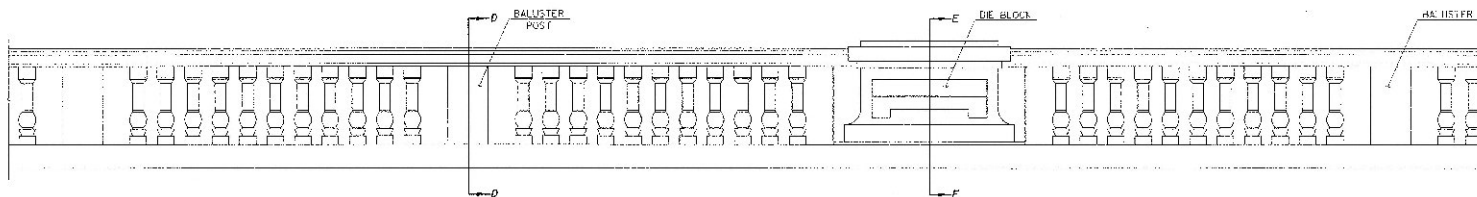


**THE REMOVAL OF THESE PORTIONS OF THE EXISTING STRUCTURE WILL BE PAID FOR UNDER THE ITEM "PARTIAL REMOVAL OF STRUCTURE" SEE GENERAL NOTES FOR FURTHER INFORMATION.

**EXISTING SECTION THROUGH ARCH
 SECTION B-B**

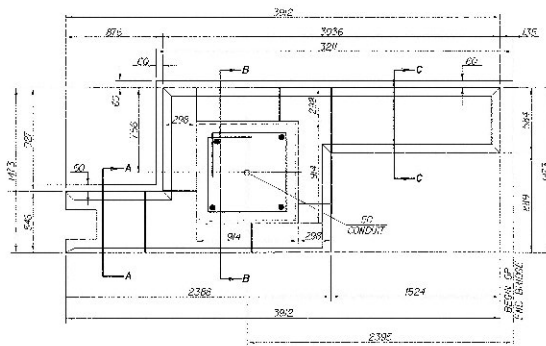
N.T.S.

SHEET NAME: SUBSTRUCTURE REPAIR DETAILS		
PROJECT NAME: PROCTOR	FORMWAY NO.: TH 3	
PROJECT NUMBER: BHF 0155(5)S	GRADE NO.: 2	
	OVER: OTUP CREEK	
FILE NAME: 7/27/17/341068/51088sup.dgn	PLOT DATE: 10-FEB-2017	
PROJECT MANAGER: C.S. HODGINS	DRAWN BY: J. GILMORE	
DESIGNED BY: C. HODGINS	TEAM NAME: WJH&J	
BROD SHEET NUMBER:	SHEET: 25 OF 59	

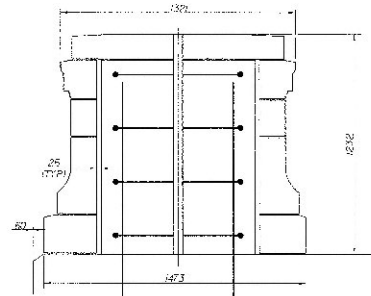


NEW MARBLE RAIL
SCALE: 1/2"=1'-0"

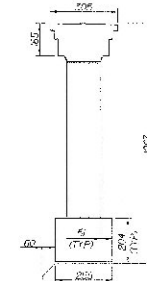
SEE ATTACHED SHOP DRAWINGS FOR
DIMENSIONS OF RAIL SHEETS 50-55.



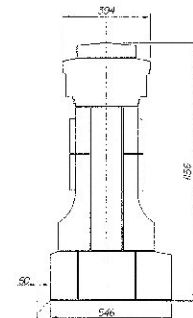
**BOTTOM LEVEL PLAN
(MARBLE ABUTMENT)**
SCALE: 1/2"=1'-0"



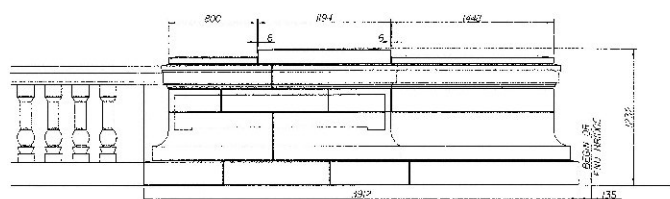
SECTION B-B
SCALE: 1/2"=1'-0"



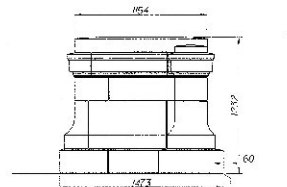
SECTION D-D
SCALE: 1/2"=1'-0"



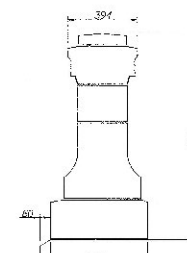
SECTION E-E
SCALE: 1/2"=1'-0"



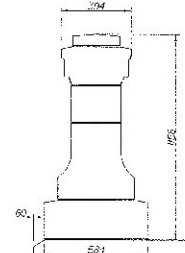
**FRONT ELEVATION
(MARBLE ABUTMENT)**
SCALE: 1/2"=1'-0"



RIGHT SIDE ELEVATION
SCALE: 1/2"=1'-0"



SECTION A-A
SCALE: 1/2"=1'-0"



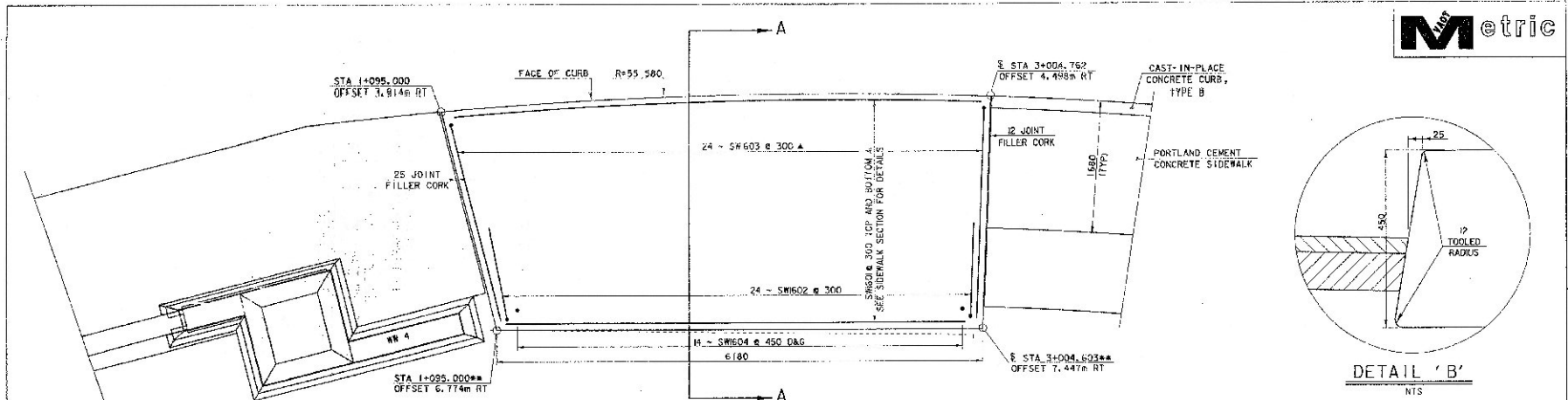
SECTION C-C
SCALE: 1/2"=1'-0"

NOTE:

1. NF = Near Face
2. FF = Far Face
3. EF = End Face
4. ▲ = Cut to fit in the field
5. 80 Clear unless otherwise specified on the plans.
6. The contractor shall drill 20 diameter holes in the deck for 15 diameter x 150 long stainless steel dowels. These dowels shall be supplied by Granite Importers Inc. See sheets 50-56 for locations.
7. Drill 1/2 50 diameter holes in deck for 75 dia stainless steel threaded rods, one (1) at each die block post and two (2) each at marble abutments. These threaded rods with nuts and washers shall be provided by Granite Importers Inc. See sheets 50-56 for locations.
8. Place vertical dovetail slots in "Concrete Light Pedestal" for marble abutments for use with dovetail anchors to anchor marble pieces to concrete. The contractor shall provide appropriate anchors. The anchors shall be stainless steel ASTM A276 Type 304.
9. The contractor shall transfer the plaque "In Memory of Fletcher Dutton Proctor" to new southeast marble abutment. Drill and anchor the plaque to the roadway overhead. This work is subsidiary to the "Marble Railing (Marble Rail)".

10. The contractor is responsible for modifications to any concealed portions of the marble railing to allow installation as intended.
11. Granite Importers will provide 12 hours to advise the contractor on proper installation of the marble railing.
12. Item 524.70 Polyurethane Joint Sealer shall be used for expansion joints (as shown on sheets 50-55) in the bridge rail and ground in diameter stainless steel dowel when labeled non-staining sealant on sheets 50-56. For location of expansion joints, see sheets 50-56. Reader refer to it to be as recommended by the manufacturer of the Joint Sealer.
13. Item 526.30, "Epoxy Mortar" shall be used for the grouting of the 15 diameter stainless steel dowels (shown on sheets 50-56) and 20 diameter anchor rods.
14. Item 501.55, "Mortar, Type 1" (with white Portland Cement) shall be used for the grouting between marble pieces.

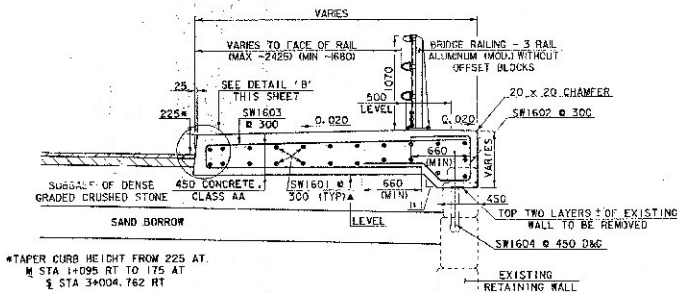
SHEET NAME: NEW MARBLE ABUTMENT DETAILS			
PROJECT NAME:	PROCTOR	HIGHWAY NO:	14 S
PROJECT NUMBER:	BHF 0155(5)S	BRIDGE NO:	2
		OWNER:	LAH COUNTY
FILE NAME:	2017/04/26/9/01088000.dgn	PLOT DATE:	12-FEB-2002
PROJECT MANAGER:	G.S. WIGGERS	DRAWN BY:	J. O. MOORE
DESIGNED BY:	C. KUNYER	PLANT NAME:	5/088000
BRIDGE SHEET NUMBER:		SHEET:	26 OF 29



SEE MARBLE RAIL ON SHEET 28 OF 50.

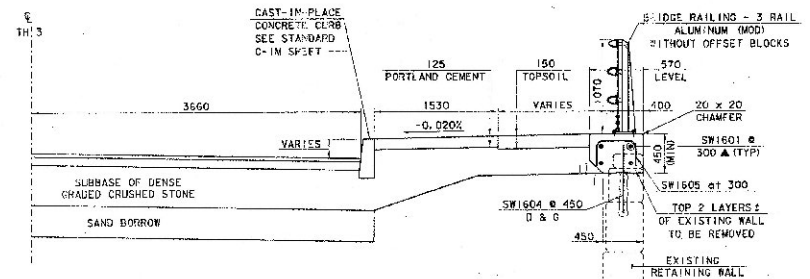
SIDEWALK PLAN
SCALE: 1/25

THE SPECIAL SIDEWALK IS TO BE SUPPORTED BY THE EXISTING RETAINING WALL. THEREFORE THE DIMENSIONS AND STATIONING MAY VARY IN THE FIELD DUE TO POSSIBLE CHANGES IN THE LOCATION OF THE RETAINING WALL.



*TAPER CURB HEIGHT FROM 225 AT STA 1+095 RT TO 175 AT STA 3+004.762 RT

SIDEWALK SECTION A-A
SCALE: 1/25

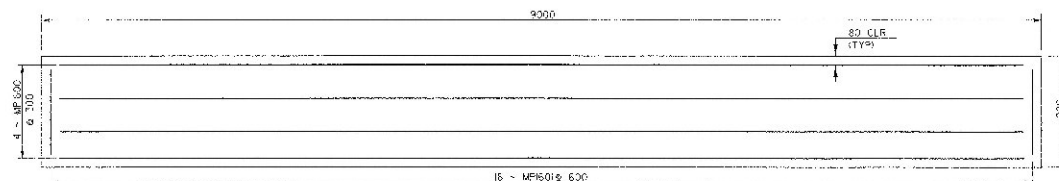
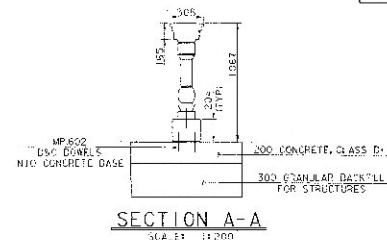


SIDEWALK SECTION WW 2
SCALE: 1/25

NOTES:

1. NF = NEAR FACE
2. FF = FAR FACE
3. EF = EACH FACE
4. ▲ = CUT TO FIT IN FIELD
5. 80 CLEAR UNLESS OTHERWISE SPECIFIED ON PLANS
6. DAG = DRILL AND GROUT DOBELS A MINIMUM OF 450 INTO EXISTING WALL. USE EXTREME CARE.
7. SEE SHEETS 28 - 32 FOR ALUMINUM BRIDGE RAILING DETAILS.

SHEET NAME: SPECIAL SIDEWALK DETAILS	
PROJECT NAME: PROCTOR	HIGHWAY NO.: TH 3
PROJECT NUMBER: BHF 0155(S)S	BRIDGE NO.: 2
	OVER: OTTER CREEK
FILE NAME: 6/11/94/085/rail.dgn	PLOT DATE: 18-JUN-2002
PROJECT MANAGER: G.S. ROOPERS	DRAWN BY: J. DUMORE
DESIGNED BY: C. NEUNIER	PAPER NAME: 6/085ar6/
BRIDGE SHEET NUMBER:	SHEET 27 OF 59

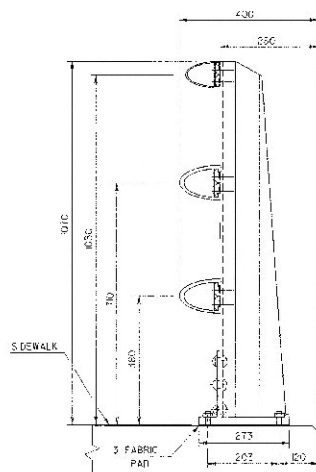


MARBLE CONCRETE, CLASS B PAD
SCALE: 1/2"=1'-0"

NUMBER	BAR	LENGTH	MARK	TYPE
4	16	840	MF1600	S1R
16	16	840	MF1500	S1R
62	16	150	MF1602	S1R

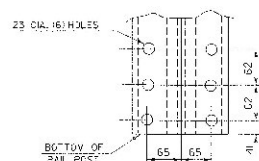
NOTES:

1. "THE CONCRETE IN THE PAD IS TO BE PAID FOR UNDER THE ITEM 501.24 "CONCRETE, CLASS B."
2. "THE REINFORCING STEEL IS TO BE PAID FOR UNDER THE ITEM 547.15 "REINFORCING STEEL."
3. "THE GRANULAR BACKFILL IS TO BE PAID FOR UNDER THE ITEM 264.30 "GRANULAR BACKFILL FOR STRUCTURES."
4. "THE WATER REPELLENT" IS TO BE PAID FOR UNDER THE ITEM 314.10 "WATER REPELLENT."
5. "THE DRILLING AND GROUTING OF DOWELS IS TO BE PAID FOR UNDER THE ITEM 507.16 "DRILLING AND GROUTING OF DOWELS."
6. "ALL OTHER WORK, TO ERECT THIS DISPLAY, WILL BE PAID FOR AS ITEM 405.11 "ERECTING RAIL OR DISPLAYS."

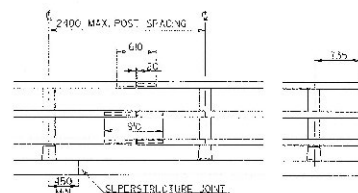


SIDE ELEVATION OF THREE RAIL
TO BE USED ON SIDEWALK SIDE

RAIL POST DETAILS ON SUPERSTRUCTURE

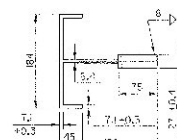


POST BASE
BOLT HOLE DETAILS

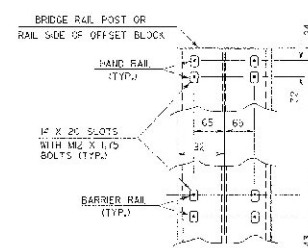


FRONT ELEVATION OF THREE RAIL

NOTE: RAIL POSTS ARE TO BE SET NORMAL TO GRADE
LINESS OTHERWISE DESIGNATED ON BRIDGE PLANS.
ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE
DESIGNATED ON BRIDGE PLANS.

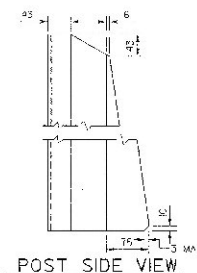


POST PLAN VIEW



RAIL CONNECTION

SEE SHEETS 29-32 FOR ADDITIONAL
ALUMINUM BRIDGE RAILING AND
ALUMINUM APPROACH RAILING DETAILS.



POST SIDE VIEW

SHEET NAME: MISCELLANEOUS RAILING DETAILS	
PROJECT NAME: PROCTOR	HIGHWAY NO: 7H 3
PROJECT NUMBER: BHF 0155(S/S)	BRIDGE NO: 2
	OVER: OTTER CREEK
FILE NAME: c:\p\p\1088\sjc08r04.dgn	PLOT DATE: 14-FEB-2002
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J. SILVERO
DESIGNED BY: C. M. INFER	PLANN NAME: JAMES Corti
BRIDGE SHEET NUMBER:	SHEET: 26 OF 30



- SHEET NAME: ALUMINUM BRIDGE RAILING DETAILS I

PROJECT NAME:	PROCTOR
---------------	---------

PROJECT NUMBER: BHF 0155(5)S

FILE NAME: /sfr/s41088/s1088rc1.dan

PROJECT MANAGER: S.S. ROGERS

DESIGNED BY: C. MEJNER
BRIDGE SHEET NUMBER:

100

ADJUTANT GENERAL T-4 3

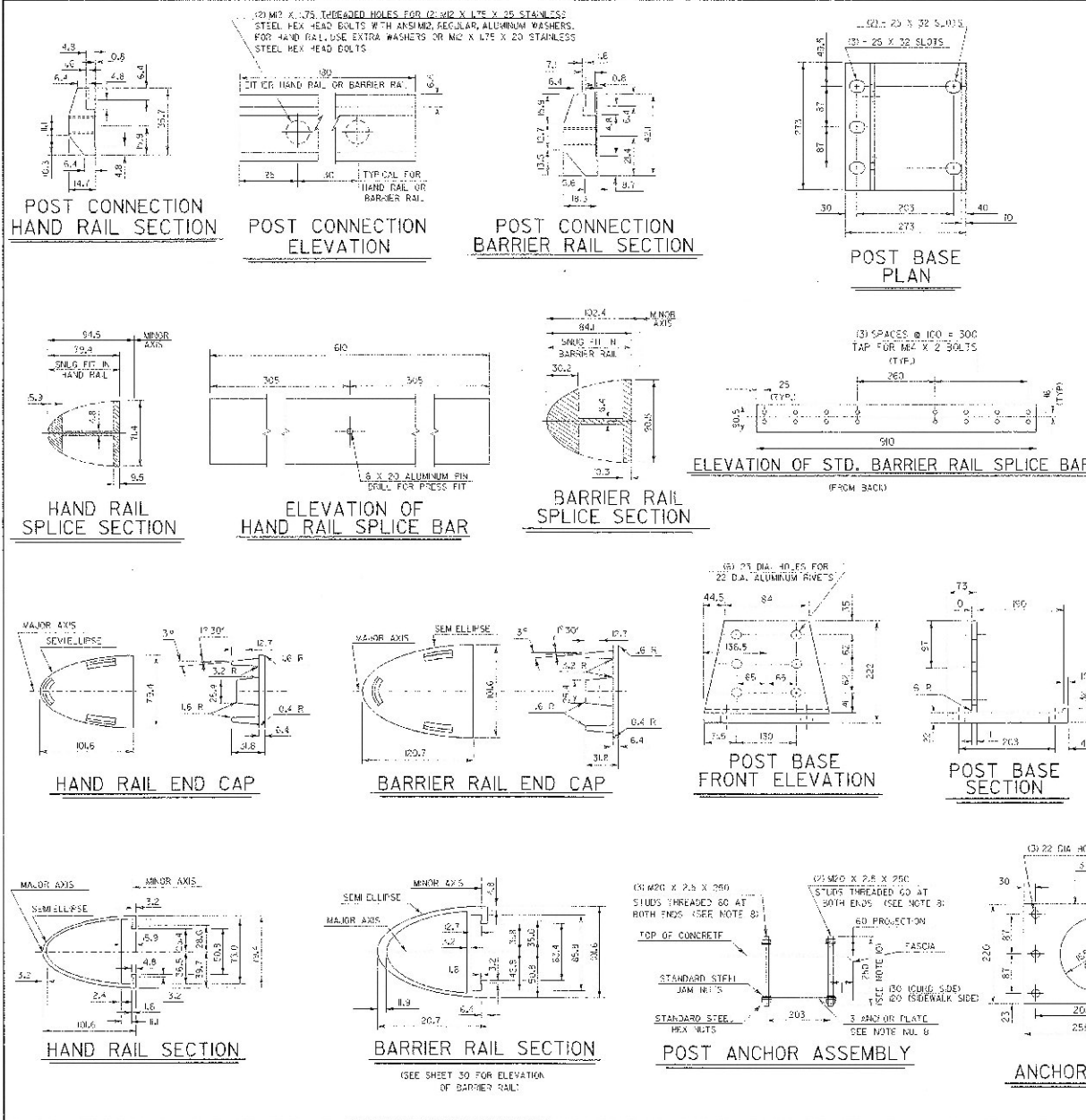
BRIDGE NO. 2
ONE, DEER CREEK

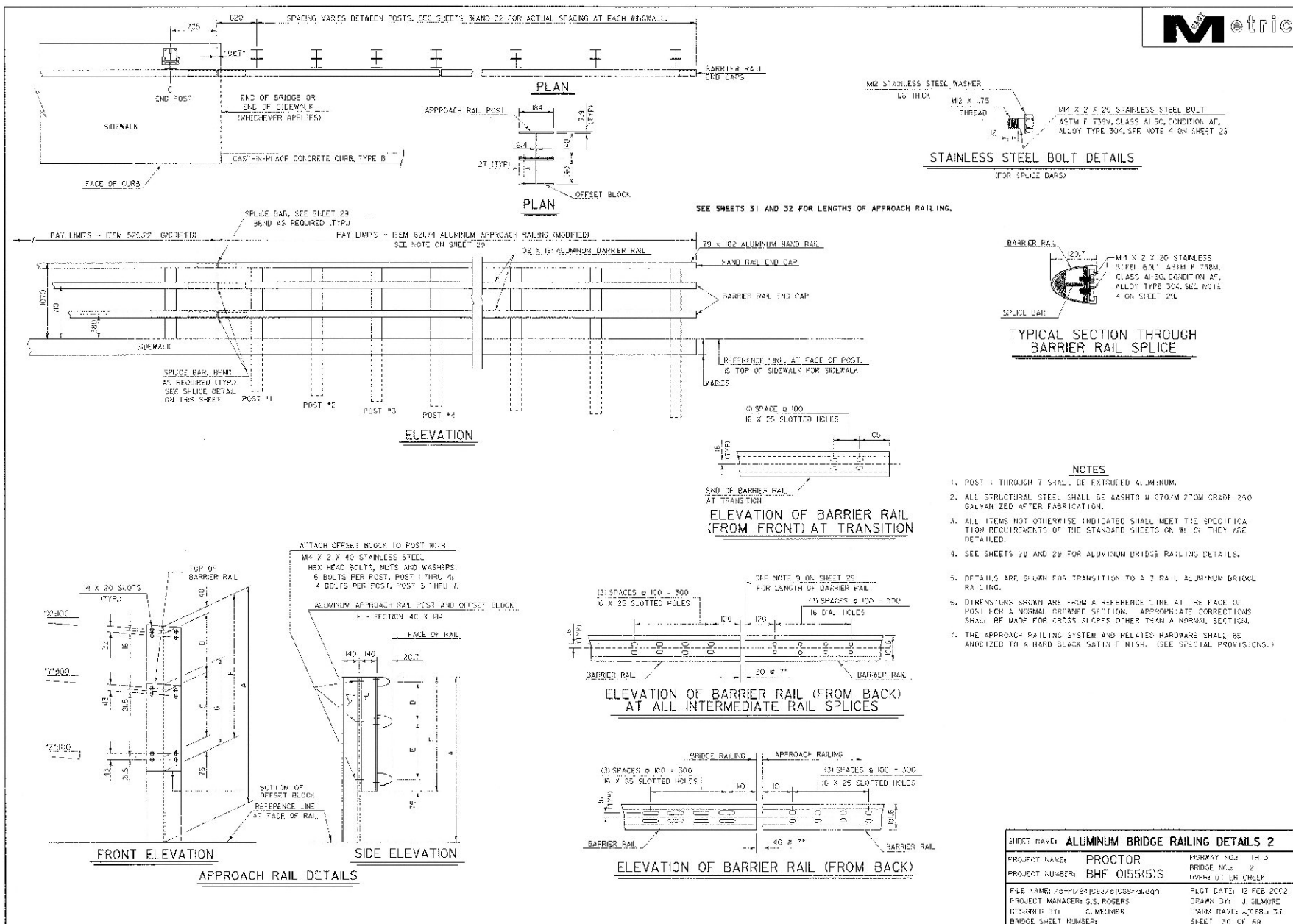
PAGE 15 of 12-EE-4-200

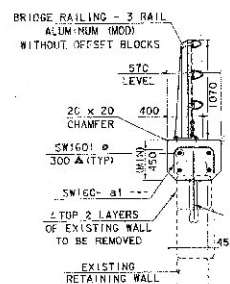
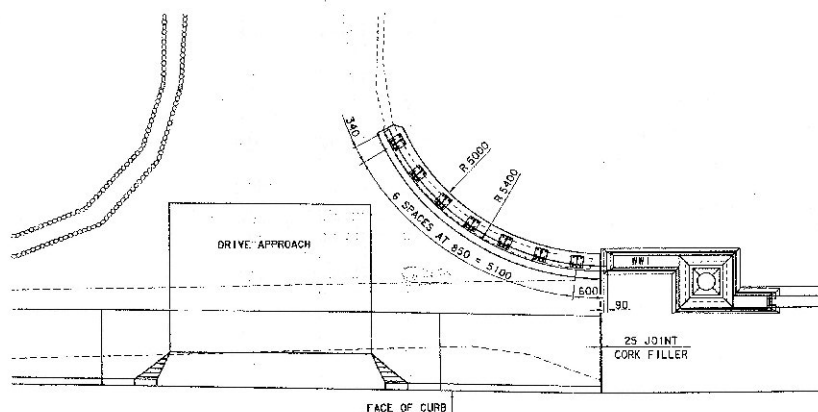
DRAWN BY: J. GILMORE

SPRINT 29 OF 53

Figure 1

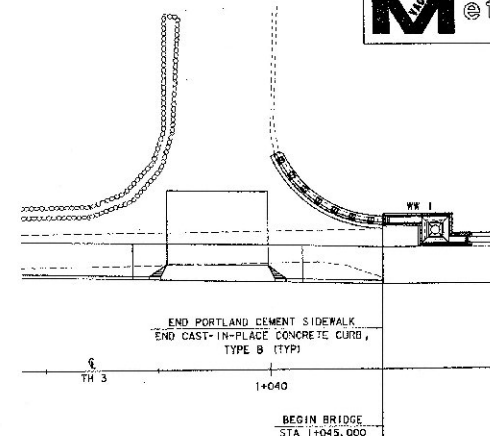






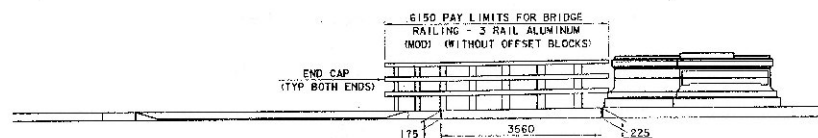
WALL SECTION FOR WW 1

SCALE: 1/25



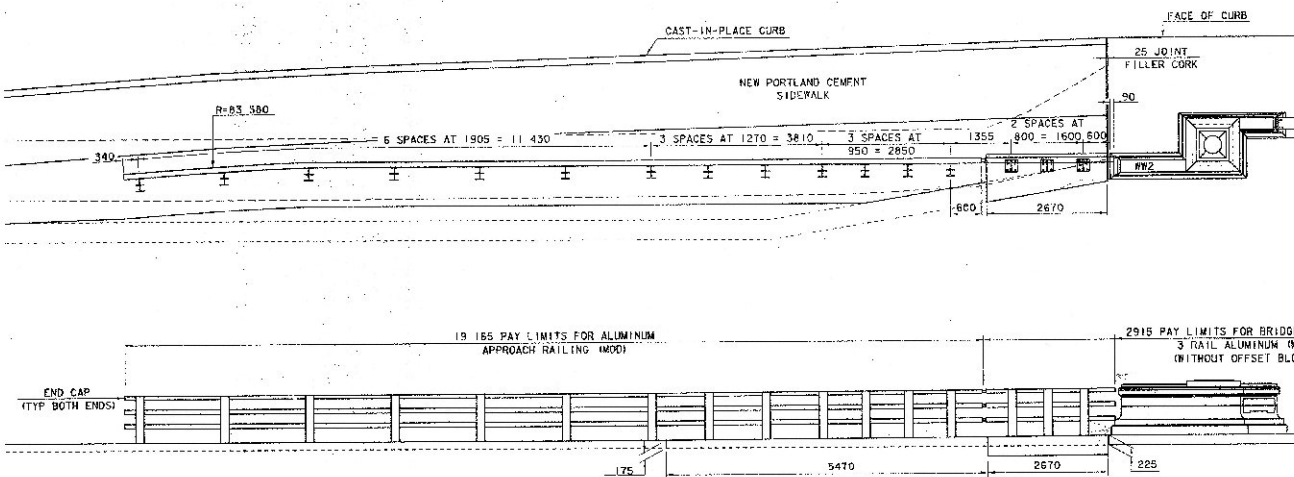
BRIDGE RAILING DETAILS AT WW 1 AND WW 2

SCALE: 1/100



BRIDGE RAILING DETAILS AT WW 1

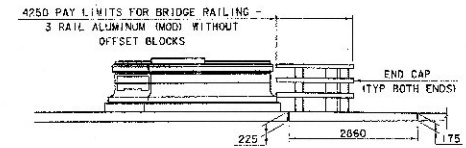
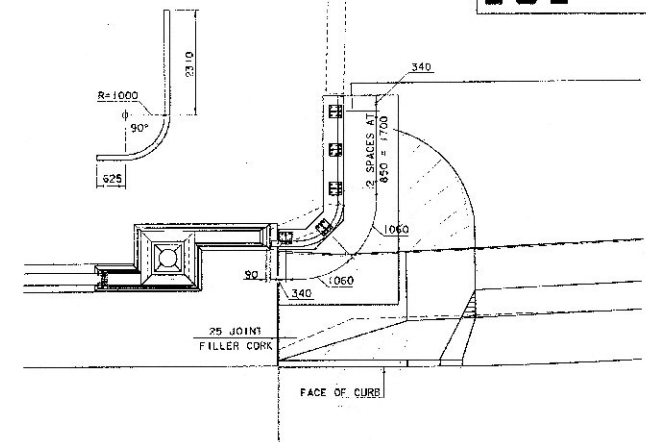
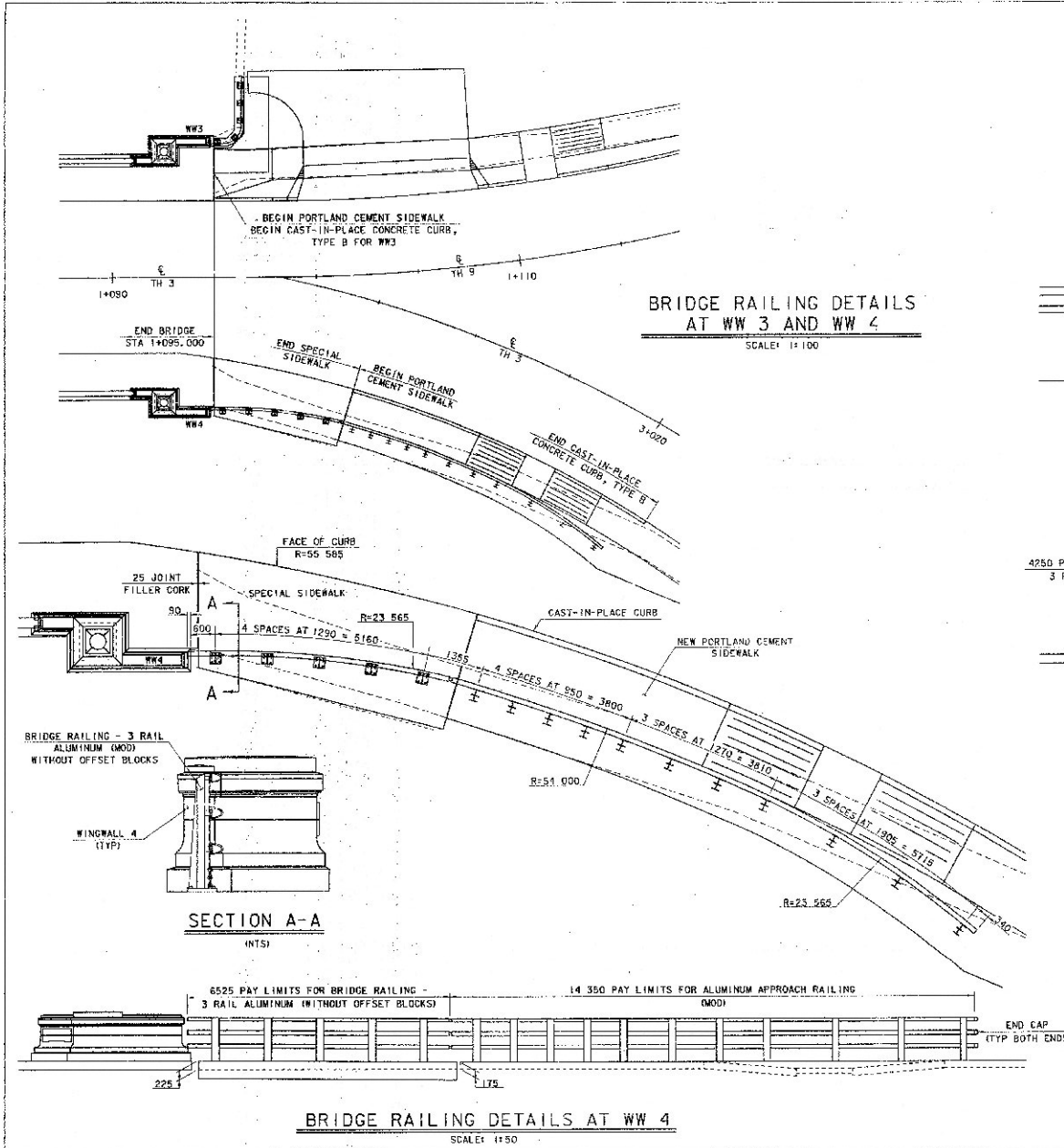
SCALE: 1/150



BRIDGE RAILING DETAILS AT WW 2

SCALE: 1/150

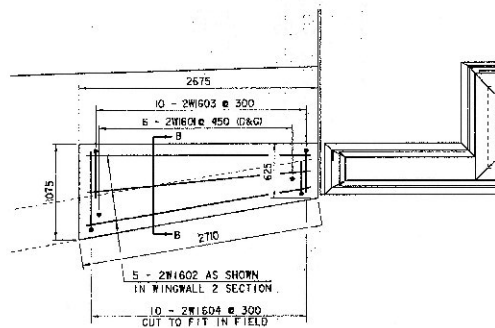
SHEET NAME: ALUMINUM RAILING END DETAILS 1 OF 2	HIGHWAY NO: TH 3
PROJECT NAME: PROCTOR	BRIDGE NO: 2
PROJECT NUMBER: BHF 0155(5)S	OVER: OTTER CREEK
FILE NAME: zetr/94j088/mal.dgn	PLOT DATE: 18-JAN-2002
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J. OLIVER
DESIGNED BY: C. MELNIER	PARM NAME: s1088ar4.1
BRIDGE SHEET NUMBER:	SHEET 3 OF 59



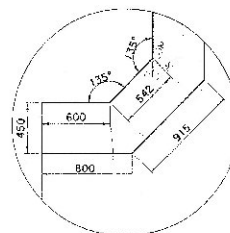
NOTES

1. SEE SHEET 27 FOR SPECIAL DETAILS
2. FOR ADDITIONAL APPROACH RAILING DETAILS SEE SHEETS 28-30.

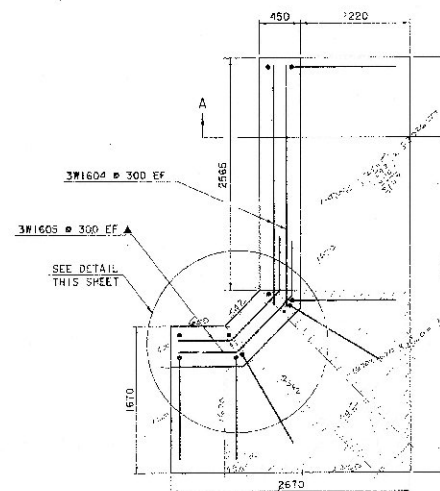
SHEET NAME: ALUMINUM RAILING END DETAILS 2 OF 2	HIGHWAY NO.: TH 3
PROJECT NAME: PROCTOR	BRIDGE NO.: 2
PROJECT NUMBER: BHF 0155(5)S	OVER: OTTER CREEK
FILE NAME: /stn/941088/rail.dgn	PLOT DATE: 18-JUN-2002
PROJECT MANAGER: C.S. ROGERS	DRAWN BY: J. GILMOR
DESIGNED BY: C. WILMER	PARA NAME: s1088r5.1
BRIDGE SHEET NUMBER:	SHEET 32 OF 59



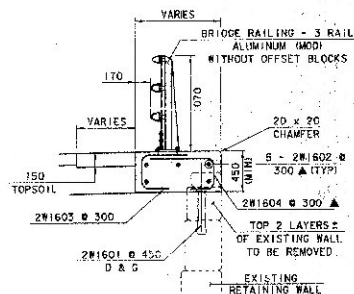
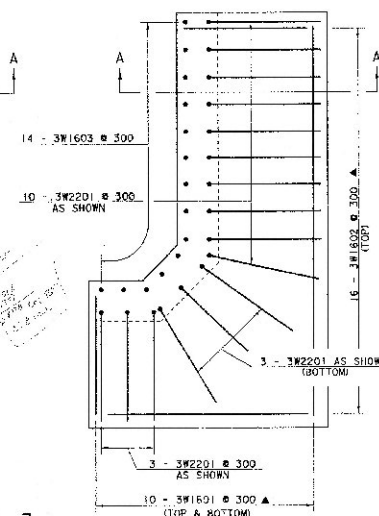
WINGWALL 2
SCALE: 1:25



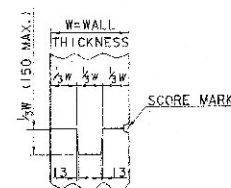
DETAIL
SCALE: 1:20



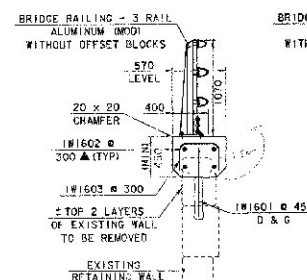
WINGWALL 3
SCALE: 1:25



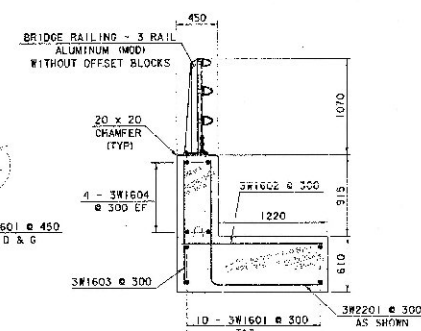
**WALL SECTION B-B
FOR WINGWALL 2**
SCALE: 1:25



**TYPICAL CONCRETE
CONSTRUCTION JOINT**
NTS



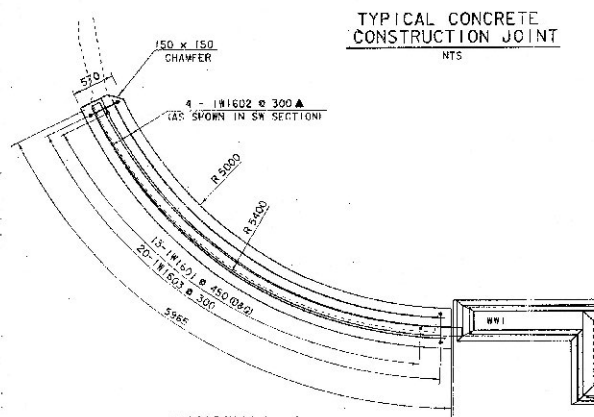
**WALL SECTION
FOR WINGWALL 1**
SCALE: 1:25



SECTION A-A
SCALE: 1:25

NOTES:

1. NF = NEAR FACE
2. FF = FAR FACE
3. EF = EACH FACE
4. ▲ = CUT TO FIT IN FIELD
5. 60 CLEAR UNLESS OTHERWISE SPECIFIED ON PLANS
6. DRG = DRILL AND GROUT DOWELS A MINIMUM OF 450 INTO EXISTING WALL. **USE EXTREME CARE.**
7. SEE SHEETS 28 - 32 FOR ALUMINUM BRIDGE RAILING DETAILS.



WINGWALL 1
SCALE: 1:30

WINGWALL DETAILS		
PROJECT NAME:	PROCTOR	HIGHWAY NO. 113
PROJECT NUMBER:	BHF 0155:515	BRIDGE NO. 2
FILE NAME:	str1/941088/r/rd.dgn	OVER: OTTER CREEK
PROJECT MANAGER:	C.S. RODERS	PLOT DATE: 28-JUN-2002
DESIGNED BY:	C. MELNER	DRAWN BY: J. OLMORE
BRIDGE SHEET NUMBER:		IPARM NAME: 81088-7.1
		SHEET 324 OF 59

Metric

~ NOTES ~

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 55M SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BUILT-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M31M (ASTM A 615M-95). ALL BARS SHALL BE GRADE 420, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL SECTION DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
- BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "C" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- "I" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "I" AND "H" MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN FIELD.
- DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- ⊙ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- "E" IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.

BAR SIZE	USUAL BAR WEIGHT (lb/ft)	USUAL DIAMETER (in)	USUAL CROSS SECTION (sq in)	USUAL TENSILE STRENGTH (ksi)	USUAL YIELD STRENGTH (ksi)
#10	0.560	9.5	71	28.84	
#13	0.994	12.7	129	39.80	
#16	1.552	15.9	199	49.95	
#19	2.235	19.1	284	60.00	
#22	3.042	22.2	387	69.74	
#25	3.973	25.4	510	79.80	
#29	5.060	28.7	645	90.16	
#32	6.404	32.3	819	101.47	
#36	7.907	35.8	1006	112.47	
#43	11.380	43.0	1452	135.09	
#57	20.240	57.3	2581	180.01	

PROJECT NAME: **PROCTOR**

PROJECT NUMBER: **BHF 0155(5)S**

FILE NAME: **Asht180405h0088rs.xls**

PROJECT LEADER: **G.S. ROGER**

DESIGNED BY: **C. MEUNIER**

REINFORCING STEEL SCHEDULE SHEET

PLOT DATE: **10/1/01**

DRAWN BY: **J. GILMORE**

CHECKED BY: **C. MEUNIER**

SHEET **33** OF **59**

IF ANY OTHER EXISTING SIGNS NEED TO BE MOVED OR COVERED DURING CONSTRUCTION, THE RESIDENT ENGINEER WILL DETERMINE WHICH SIGNS NEED TO BE RELOCATED AND/OR REPLACED BY THE CONTRACTOR.
SEE GENERAL NOTE 17 ON SHEET 21.

100m WHITE LINE			
Y STA 1+005 L	TO	Y STA 1+111 L	
Y STA 1+112 L	TO	Y STA 1+125 LT	
Y STA 1+005 RT	TO	S STA 3+014 RT	
S STA 3+016.5 LT	TO	S STA 3+035 RT	
S STA 3+035 RT	TO	Y STA 1+135 RT	

500mm STOP BAR
E STA 3+020.17

GLRABLE LETTER
STOP S STA 3+022

```

BEGIN S/D LINE
APPROACH
S STA. 31000.000
M STA. 1+098.220

END BRIDGE
END PROJECT
BEGIN APPROACH
S STA. 1+098.000
F.G. 145.247

```

N-W STREET LIGHT
TYP EACH CORNER

```

BEGIN 4PFRCA0
STA 1+005, CO
P05
1+000, 0001

```

IN STRESS
(18 31 1400)

CH SEED SQUARE
IN ROCK OUTCROP
NAVD 88 ELEV 156.379

MAINLINE CURVE #1	
Radius:	150.000
Delta:	6°12'06.0" Right
Length:	16.258
Tangent:	8.126
Chord:	16.328
Ordinate:	0.220
Clearance:	0.220

N	NEW
S	SALVAGE
R	REMOVE

M STA 1+113.886

COMM YELLOW LINE (DOUBLE)			
M STA	+005	TO	M STA +098
M STA	+112	TO	M STA +135
S STA	3+020	TO	S STA 3+035

CROSS WALK
M STA 1111 LT-RT

MAINLINE
CURVE #2

Rad'ust	90.000
Decler	21°56'25.7" Left
Length	34.464
Tangent	17.446
Chord	34.254
Middle Ordinate	1.645
Extensoid	1.676

SIDELINE CURVE DATA	
Radius:	60.000
Delta:	34-33' 25. ** Right
Length:	36.166
Tangent:	18.663
Chord:	35.647
Ordinate:	2.706
Exterior:	2.836

SHEET NAME: PAVEMENT MARKING AND SIGN SHEET

```
PROJECT NAME: PROCTOR
PROJECT NUMBER: BHF 0155(5)S
FILE NAME: /s1r/s4j088/sj088sgn.dgn
PROJECT MANAGER: J.S. ROGERS
DESIGNED BY: C. MELNER
BRUSH SHEET NUMBER:
```

HIGHWAY NO.: 143
BRIDGE NO.: 2
OVER: OTTER CREEK
PLOT DATE: 12-FEB-2002
DRAWN BY: J. GILMORE
PARM NAME: sj088app.1
SHEET 3/ OF 59

A scale bar labeled "SCALE IN METERS" with markings at 0, 10, 20, and 30 meters.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET



KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST. POST NO.	NO. OF POSTS	FLANGED C-CHANNEL		SQUARE STEEL (mm)			NEW SIGN POSTS		TUBULAR STEEL Ø (mm)			W-S-PIPE STEEL			REMARKS	SIGN DETAIL	
		WIDTH (mm)	HEIGHT (mm)	"A"	"B"	SALV SIGN	SALV TIS			kg/m	kg/m	44	50	63	T5	T6	T7	T8	T9	PTG. SIZE	HEIGHT	POST SIZE		D-TAIL ON SILL NUMBER	S-S SILL NUMBER
STA 113.385 LT		600	750	0.45						4.267 X													VR-004A		E-140M
STA 3+013.292 RT		600	750	0.45						4.267 X													VR-004A		E-140M
STA 3+020.885 LT		750	750	0.56 0.44						4.267 X													R(1)		E-143M
		150	200	0.03																					E-135M
STA 3+050.200 LT		600	750	0.45						4.267 X													VR-004A		E-145M

FINAL POST LENGTHS ARE TO BE DETERMINED
IN THE FIELD. POST SIZES ARE COMPUTED
BASED ON INFORMATION FURNISHED ON THE
STANDARD SHEETS AND THE TRAFFIC & SAFETY
DIVISION'S "SIGN POST DESIGN GUIDELINE."

TOTALS

m²

m²

EA

m²

m

m

EA

kg

kg

kg

kg

EA

EA

kg

EA

EA

kg

EA

EA

kg

EA

EA

kg

EA

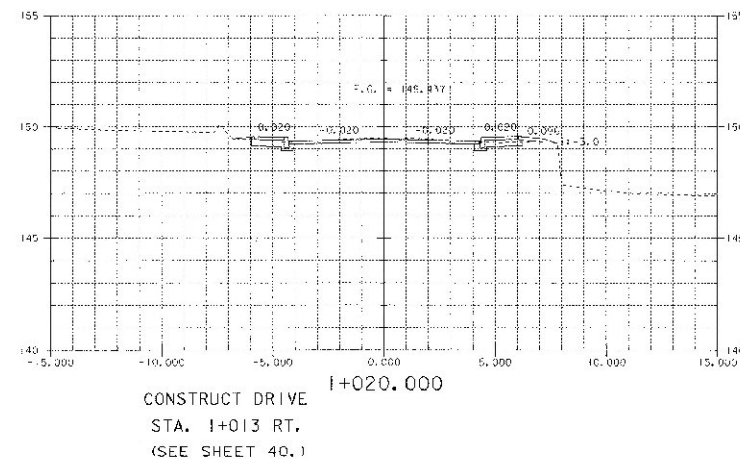
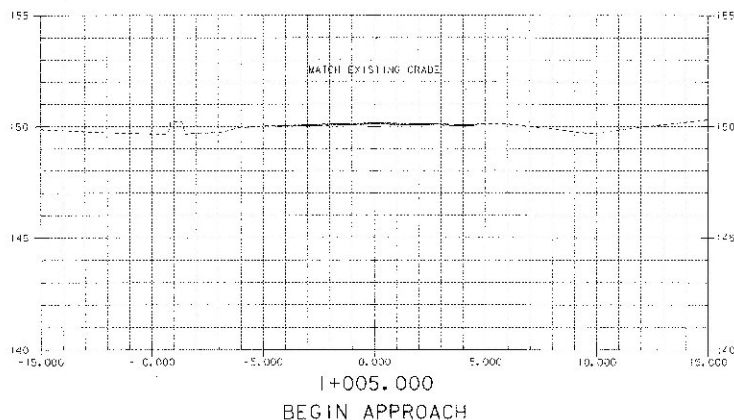
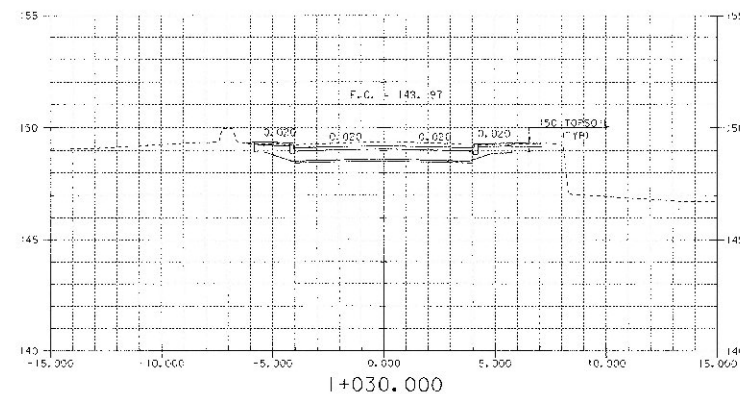
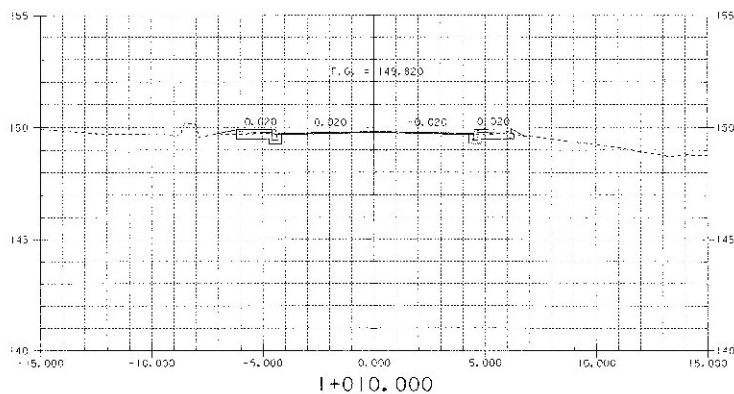
SHEET NAME: SIGN SUMMARY SHEET

PROJECT NAME: PROCTOR
PROJECT NUMBER: DHF 0155(5)S

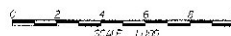
HIGHWAY NO. 10 S
BRIDGE NO. 2
OVER: OTTER CREEK

FILE NAME: /sht/041088/sj038sdr.dgn
PROJECT MANAGER: S.S. ROOPERS
DESIGNED BY: C. MEUNIER
BRIDGE SHEET NUMBER:

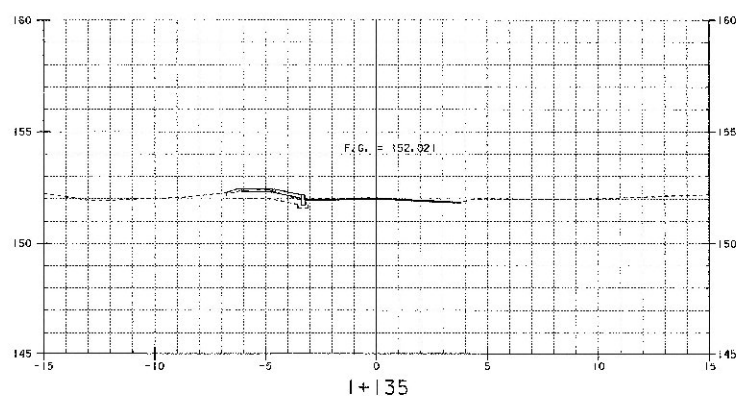
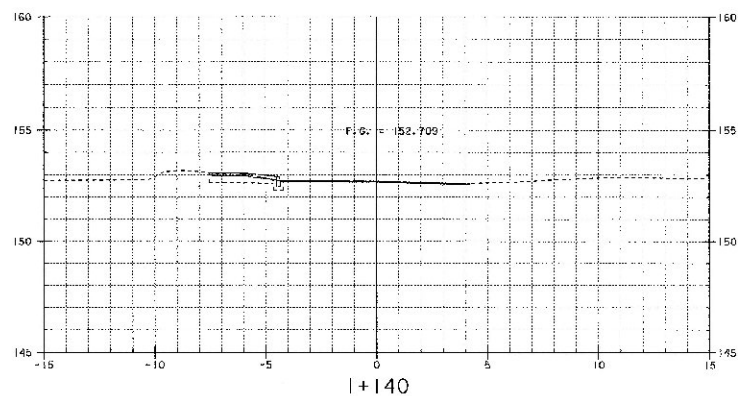
PLOT DATE: 2-FEB-2002
DRAWN BY: L.G. MOORE
PAPER NAME: sj038sdr.dgn
SCALE: 32 0' 0"



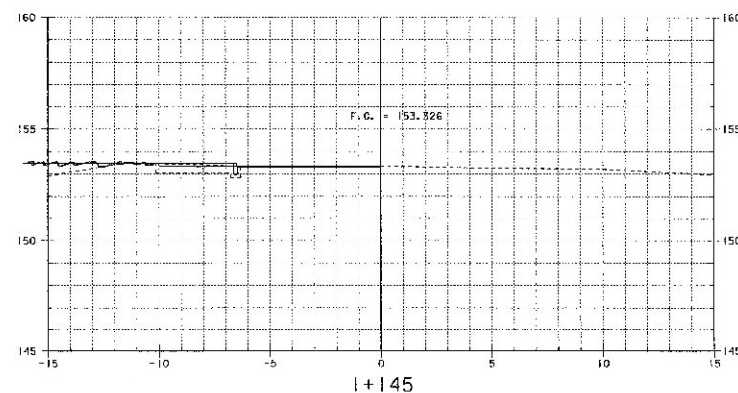
NOTE 4
THE SLOPES SHALL BE GRADED TO BLEND
WITH THE EXISTING SLOPE.



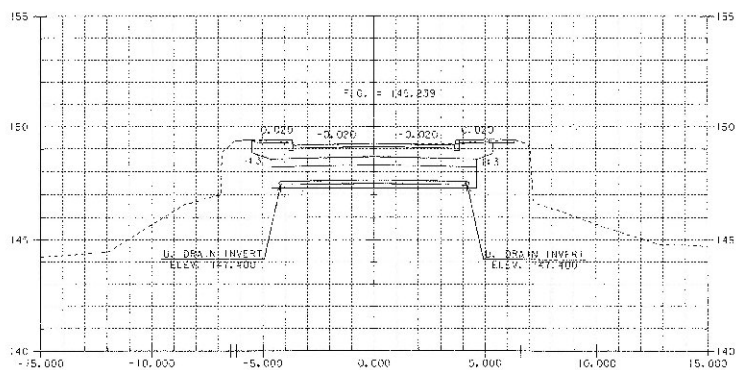
SHEET NAME: MAINLINE CROSS SECTIONS			
PROJECT NAME:	PROCTOR	HIGHWAY NO.:	TH-3
PROJECT NUMBER:	BHF 0155(5)S	BRIDGE NO.:	2
		CROSSING:	OTTER CREEK
FILE NAME:	z:\b\154\085\01085\cross\	PLOT DATE:	12-11-2002
PROJECT MANAGER:	J.S. PICKERS	DRAWN BY:	J. CLARK
DESIGNED BY:	T. MEUNIER	SCALE:	AS SHOWN
BRIDGE SHEET NUMBER:		SHEET:	36 OF 50



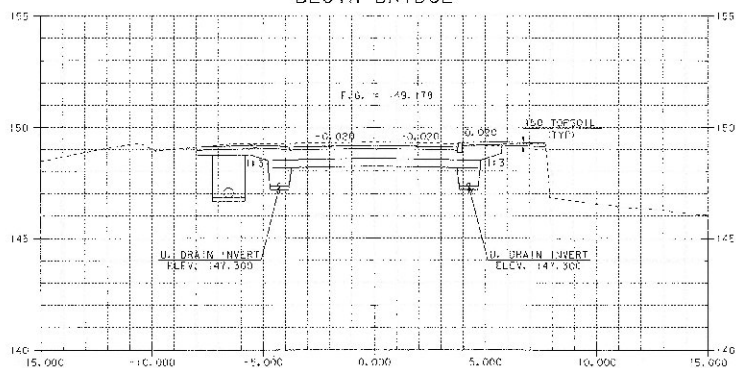
END OF PROJECT



SHEET NAME: MAINLINE CROSS SECTIONS	PROJECT NAME: PROCTOR	HIGHWAY NO: IL 3
PROJECT NUMBER: BHE 01551515	BRIDGE NO: 2	OVER: OTTER CREEK
FILE NAME: z:\11\341000\310800\15151515.dwg	DESIGNED BY: G. MEUNIER	PLOT DATE: 03-SEP-2002
PROJECT MANAGER: G.S. BOERS	BRIDGE SHEET NUMBER: 30A	DRAWN BY: J. GILMORE
DESIGNED BY: G. MEUNIER	BRIDGE SHEET NUMBER: 30A	PLOT DATE: 03-SEP-2002
BRIDGE SHEET NUMBER: 30A	BRIDGE SHEET NUMBER: 30A	BRIDGE SHEET NUMBER: 30A

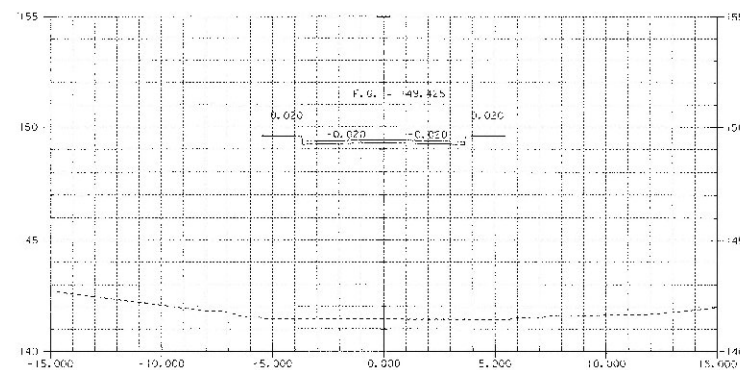


STA. 1+045.000
BEGIN PROJECT
BEGIN BRIDGE

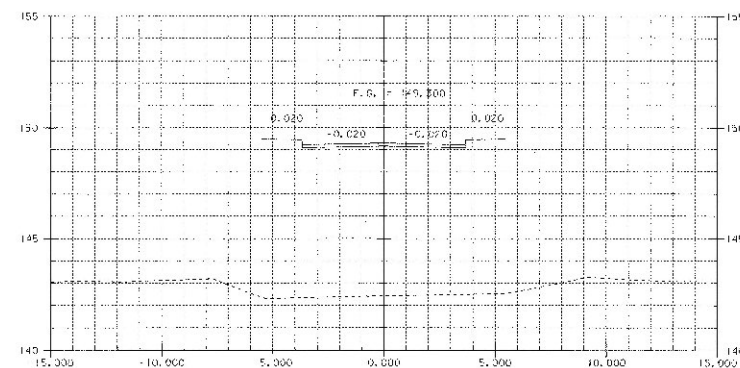


CONSTRUCT DRIVE
STA. 1+038 LT.
(SEE SHEET 40.)

NEW 450 X 7000 PIPE W/ RCD
AT STA 1+033.5 LT - 1+035 RT
(SEE SHEET 41)

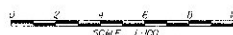


1+060.000

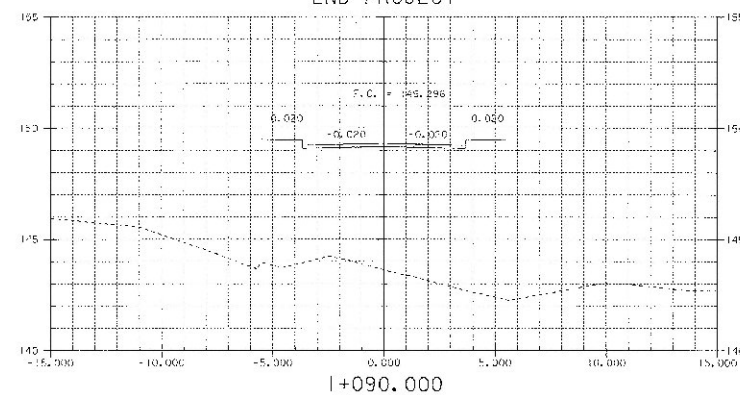
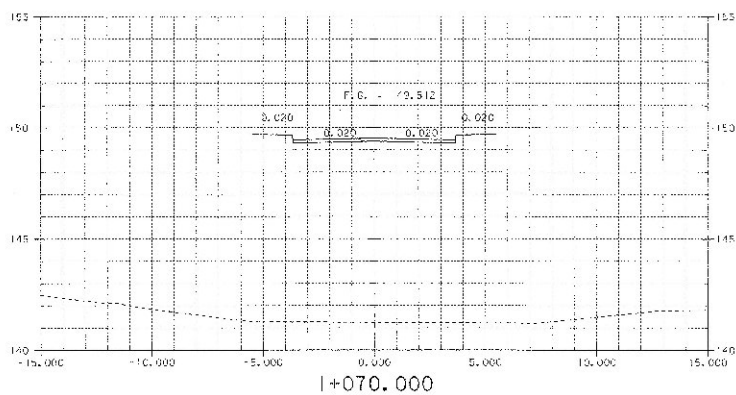
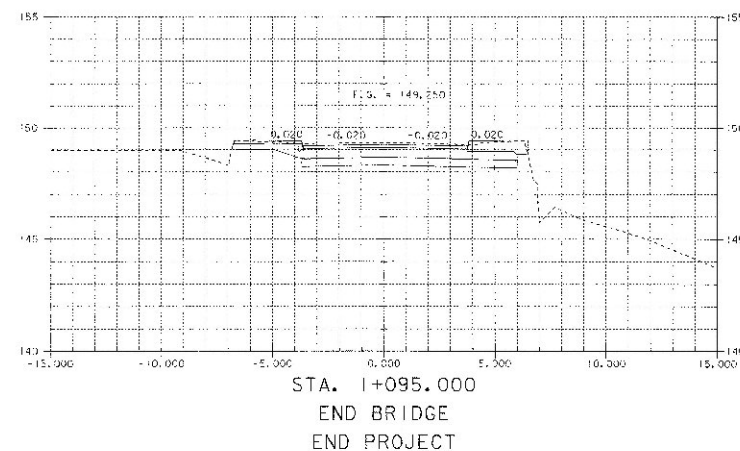
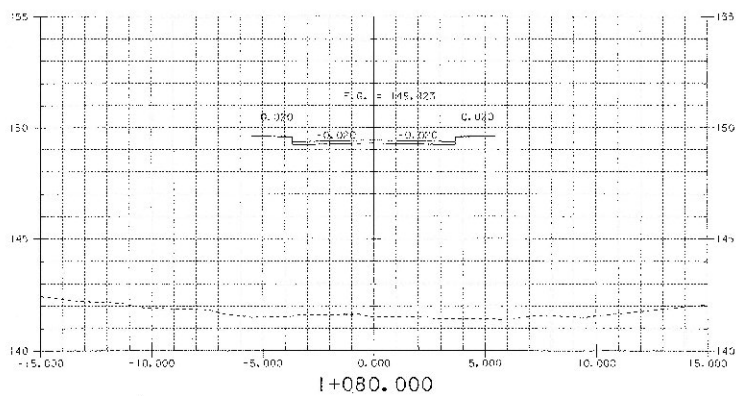


1+050.000

NOTE :
THE SLOPES SHALL BE GRADED TO BLEND
WITH THE EXISTING SLOPE.



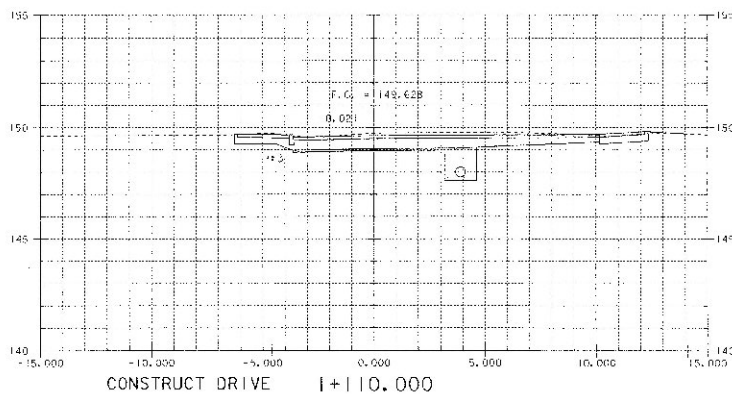
SHEET NAME: MAINLINE CROSS SECTIONS	
PROJECT NAME: PROCTOR	ROADWAY NO: 1H 3
PROJECT NUMBER: BHF 0155(5)	BRIDGE NO: 2
	OVER: OTTER CREEK
FILE NAME: s:\1134\088\aj088\cal.dgn	PLOT DATE: 12-10-2002
PROJECT MANAGER: W.S. TOLKINS	DRAWN BY: J. GILMORE
DESIGNED BY: C. MEYER	WARM NAME: aj088m2.j
BRIDGE SHEET NUMBER:	SHEET 37 OF 38



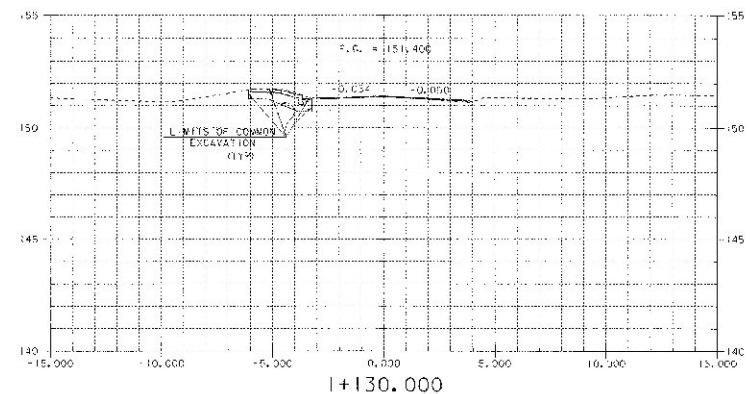
SHEET NAME: MAINLINE CROSS SECTIONS		
PROJECT NAME: PROCTOR	BRIDGE No: 2	DRYING No: 14.5
PROJECT NUMBER: BHF 0155(5)S	OWNER: OT OR CREEK	
FILE NAME: /str/04/038/01088x.dgn	PROJECT MANAGER: C.S. ROGERS	PLC: DATE: 12-28-2002
DESIGNED BY: C. WELCHER	PROJECT MANAGER: C.S. ROGERS	DRYING RY: C. WELCHER
BRIDGE SHEET NUMBER:		PLANNING NAME: 01088x(5)S
		SHEET 18 OF 18



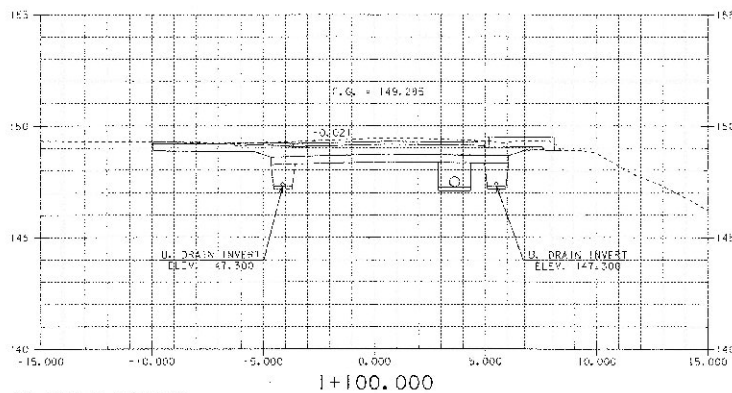
STA. 1+135
END APPROACH



CONSTRUCT DRIVE
STA. 1+103 LT.
(SEE SHEET 40)

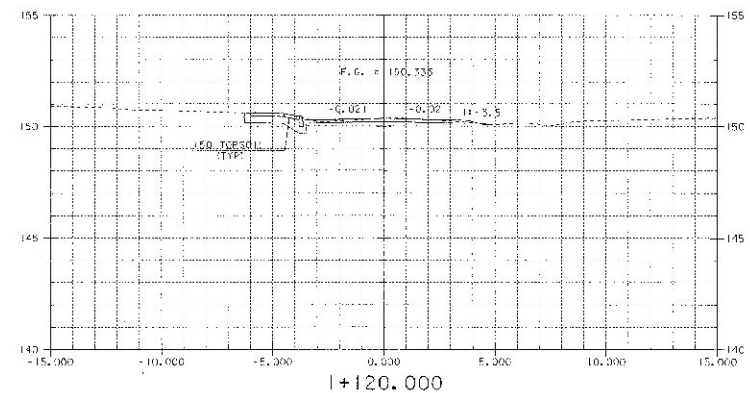


1+130.000



1+100.000

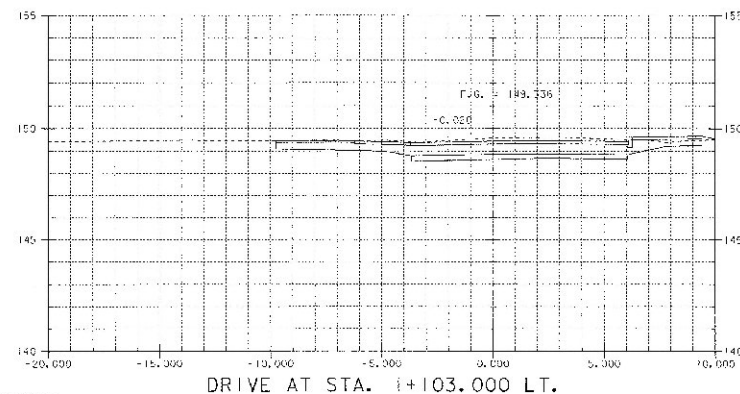
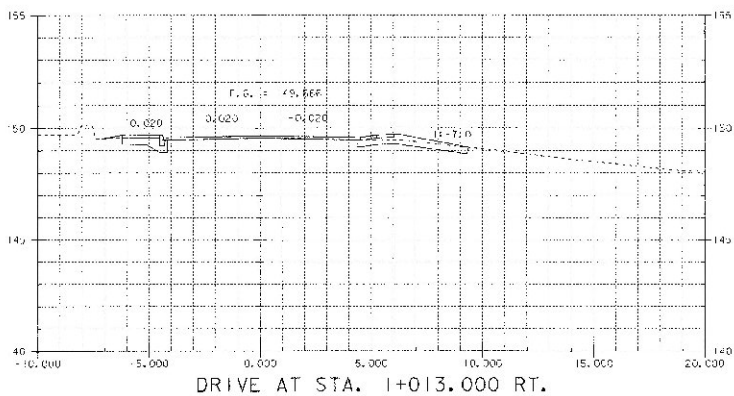
STA. 1+096 LT. TO 1+096 RT.
NEW 450 X 1000 PIPE W/ RCDI
AND TYPE D GRA'S AT IN 2'



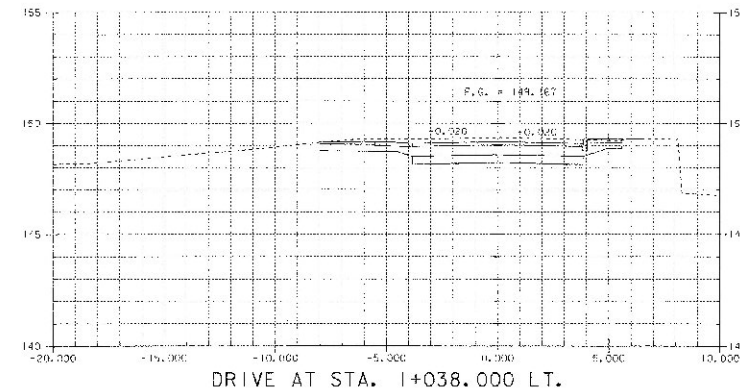
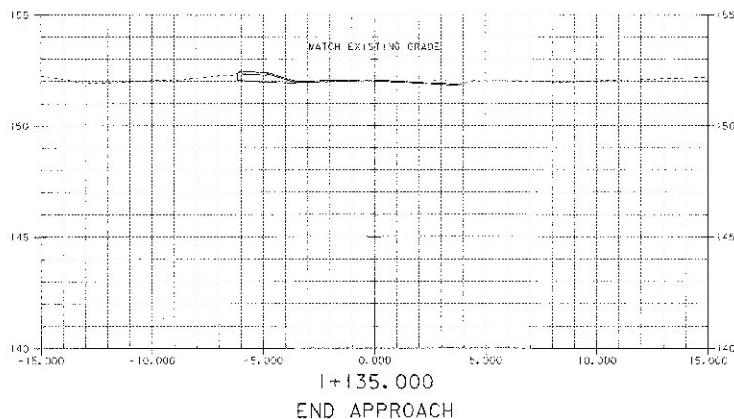
1+120.000



SHEET NAME: MAINLINE CROSS SECTIONS		
PROJECT NAME: PROCTOR	HIGHWAY No. TH 3	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE No. 2	
	OVER: DITCH CREEK	
FILE NAME: /s/11/24/1998/sj208/sj.000	PLOT DATE: 12-FEB-2002	
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J. OLMOORE	
DESIGNED BY: C. WEINER	CHECKED BY: J. OLMOORE	
BRIDGE SHEET NUMBER:	SHEET 33 OF 59	



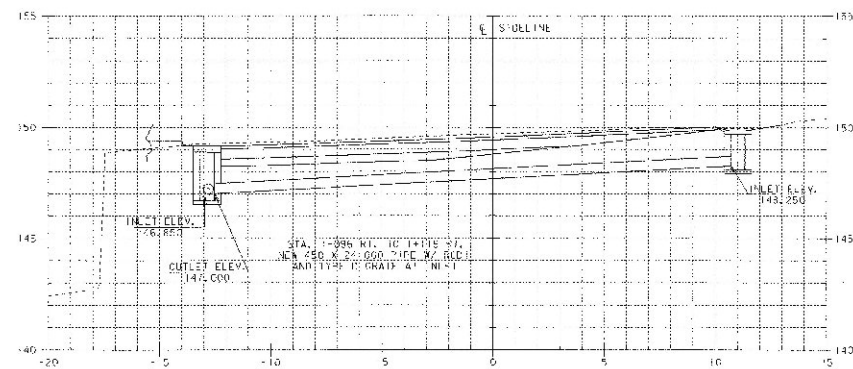
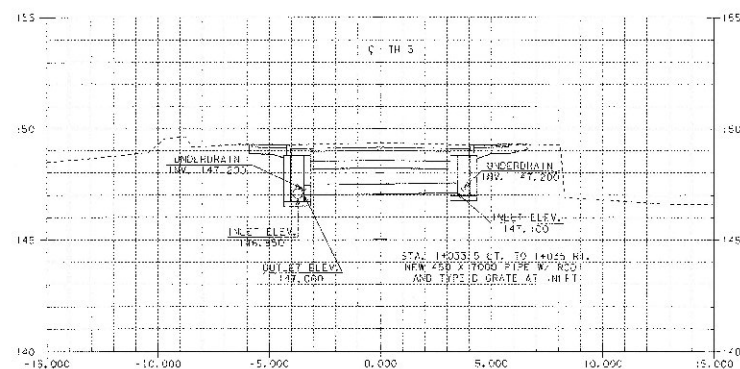
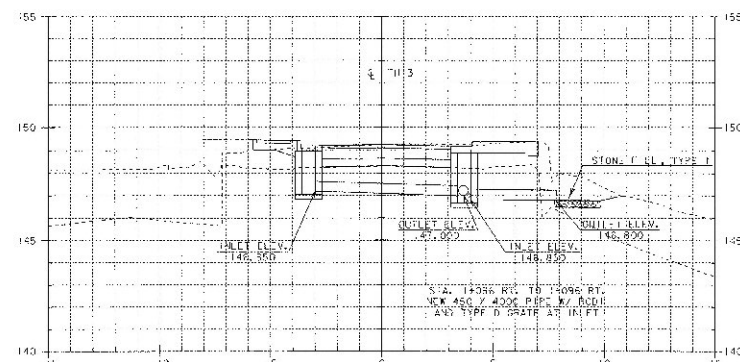
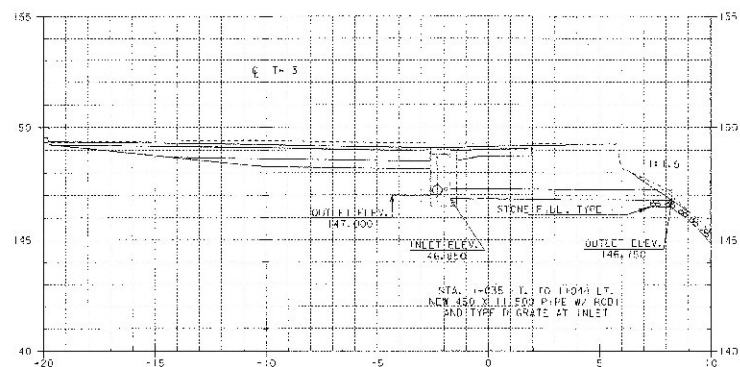
DRIVEWAYS TO BE SLOPED TO
MATCH THE EXISTING GRADE



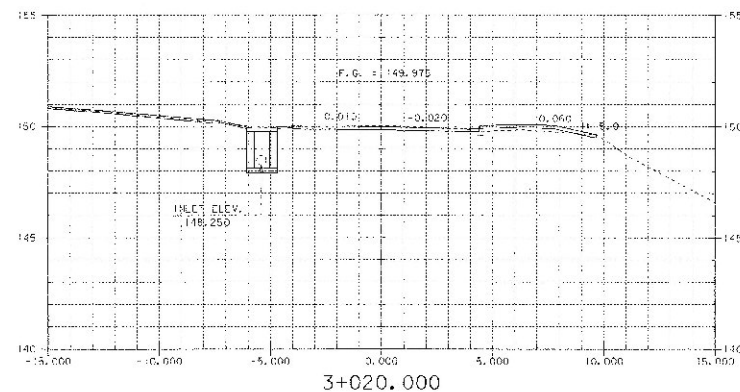
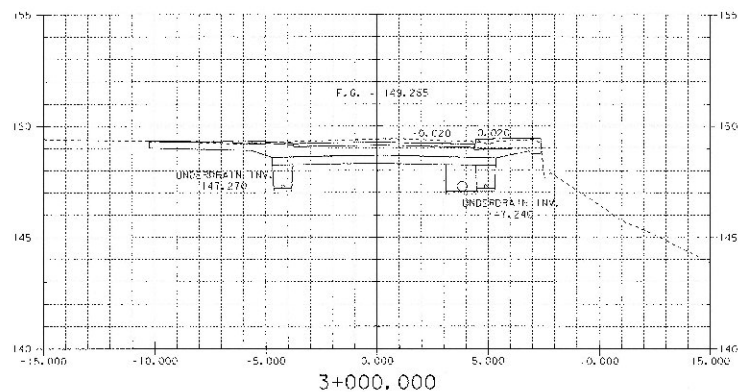
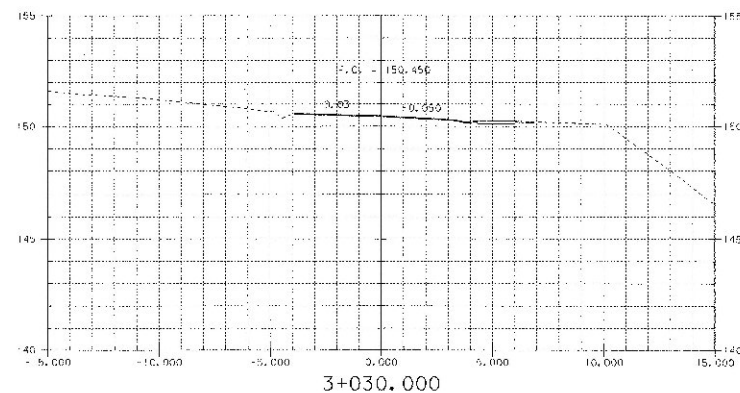
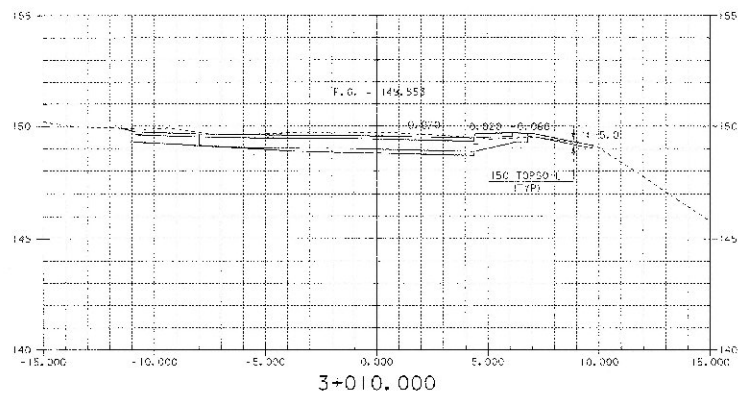
STA. 1 = 135
END CAST-IN-PLACE CONCRETE CURB, TYPE B



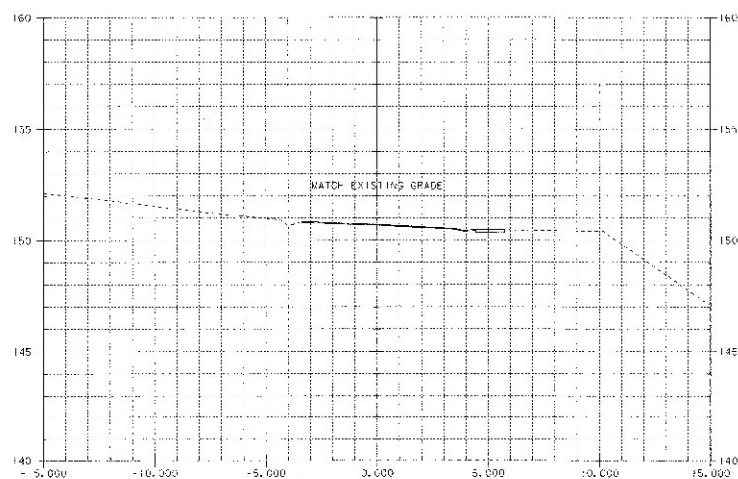
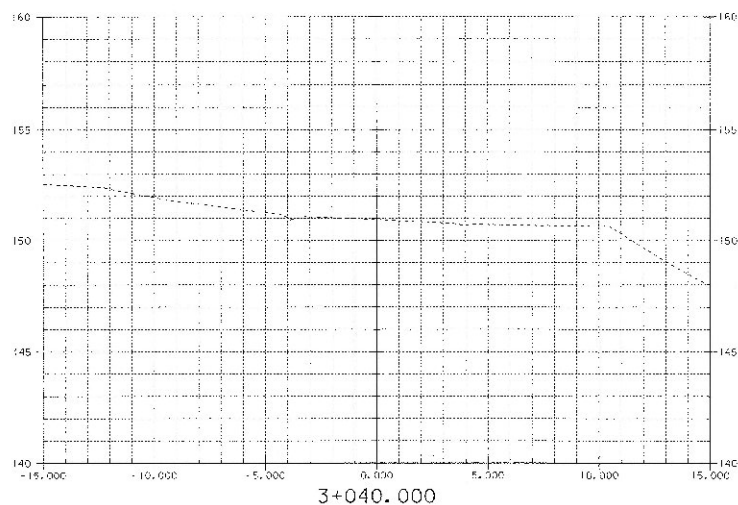
SHEET NAME: MAINLINE CROSS SECTIONS		
PROJECT NAME: PROCTOR	HIGHWAY NO.: TH 3	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO.: 2	
	ADJACENT OTHER CREEK:	
FILE NAME: /s411/s41008/s1060/s1060	PICT DATE: 10-17-2009	
PROJECT MANAGER: G. L. ROSS	DRAWN BY: J. L. GILMORE	
DESIGNED BY: C. NEUMER	STATION NAME: 01088x53	
DRAWING SHEET NUMBER:	SHEET 40 OF 50	



SHEET NAME: PIPE SECTIONS		
PROJECT NAME: PROCTOR	HUNTER NO. TH 3	
PROJECT NUMBER: BHF 0155(5/S)	BRIDGE NO. 2	
	OVER OTTER CREEK	
FILE NAME: /c:/p1/050/s1050.sldgn	PLOT DATE: 12-13-2002	
PROJECT MANAGER: C.S. ROGERS	DRAWN BY: J. GARNER	
DESIGNED BY: C. MEINER	DATE: 12-13-2002	
BRIDGE SHEET NUMBER:	SHEET 41 OF 59	



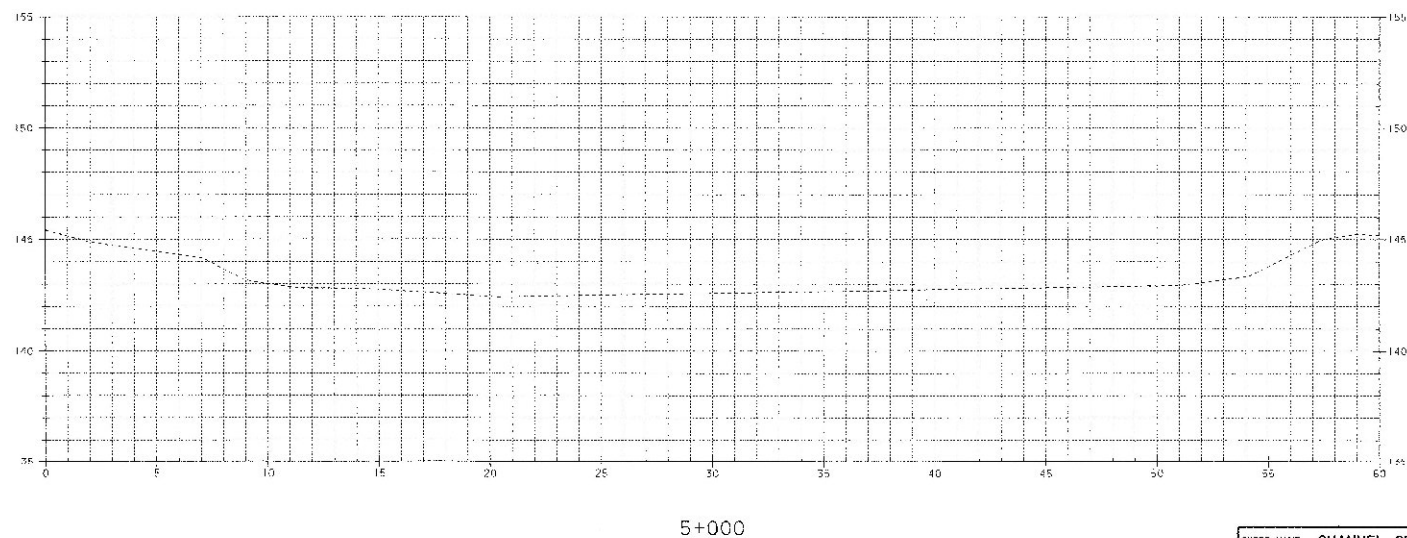
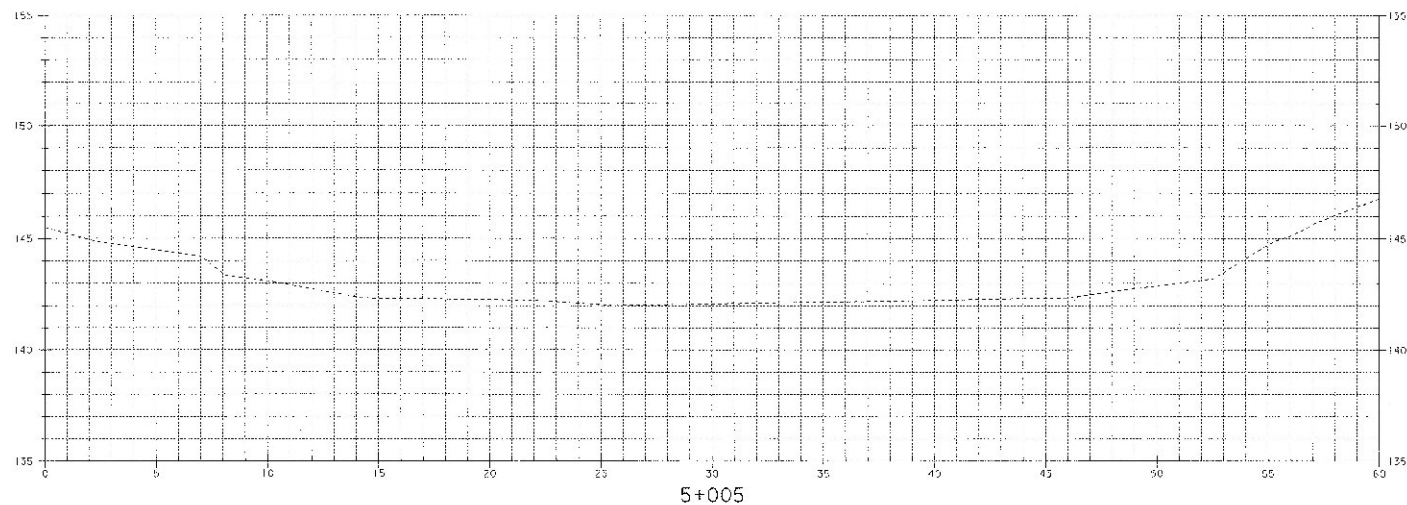
SHEET NAME: SIDELINE CROSS SECTIONS		
PROJECT NAME: PROCTOR	HIGHWAY: MDA TH 3	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO.: 2	
	OVER: OTTER CREEK	
FILE NAME: 7/20/15/541288/0155(5)S.dgn	PLOT DATE: 12-FEB-2008	
PROJECT MANAGER: C.S. MOULDS	DRAWN BY: J. GILMORE	
DESIGNED BY: C. MELNIER	PLANNED BY: S. JOHNSON	
BRIDGE SHEET NUMBER:	SHEET: 42 OF 50	



STA. 3+035.000
END SIDELINE
APPROACH

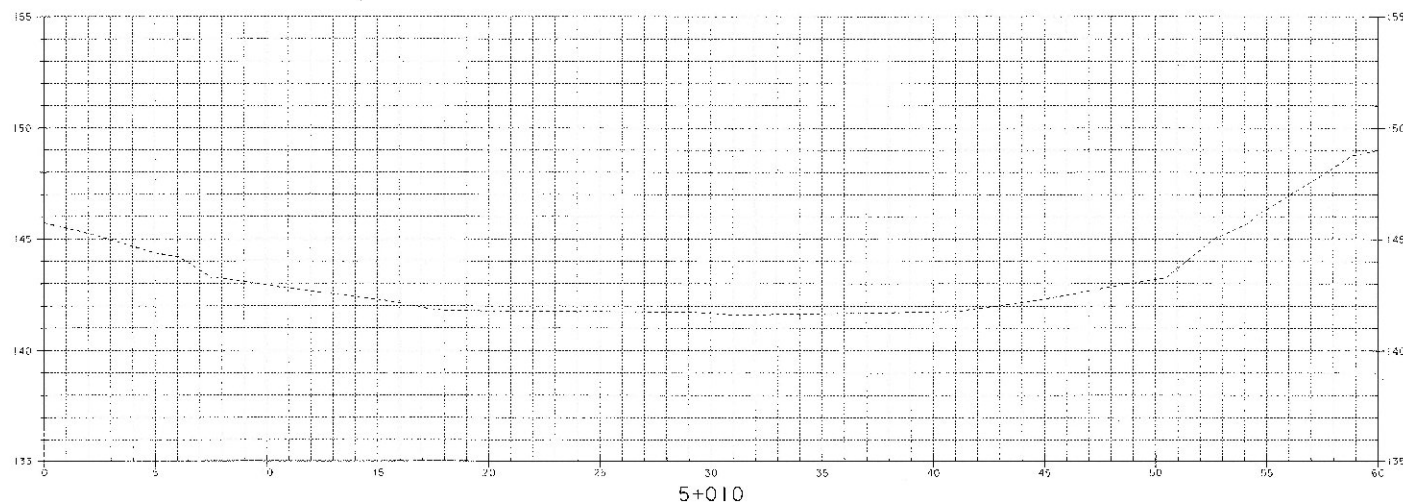
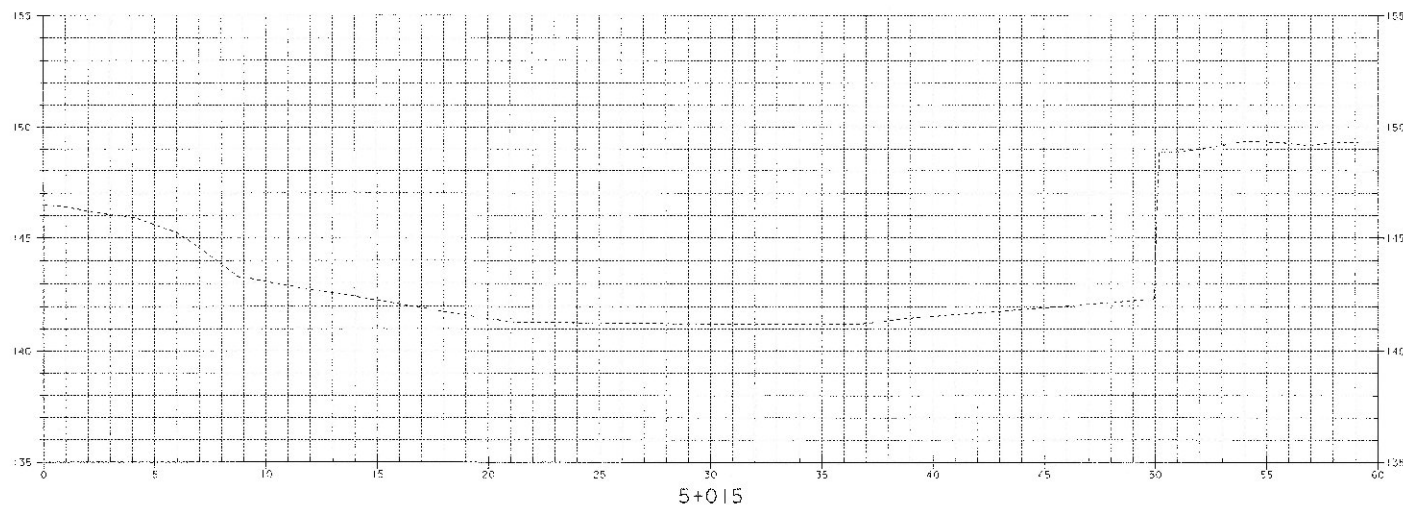


SHEET NAME:		SIDELINE CROSS SECTIONS	
PROJECT NAME:		HIGHWAY NO. TH 3	
PROJECT NUMBER:		BRIDGE NOS. 2	
		COVER: CUTTER CROSS	
FILE NAME: z:\p10\p10j05\cross\ssn.dgn		PLOT DATE: 12-06-2002	
PROJECT MANAGER: S.J. ROGERS		DRAWN BY: J. DUMOND	
DESIGNED BY: C. MEUNIER		PAPER NAME: j10j05c2.1	
PRINTED SHEET NUMBER:		SHEET: 45 OF 58	



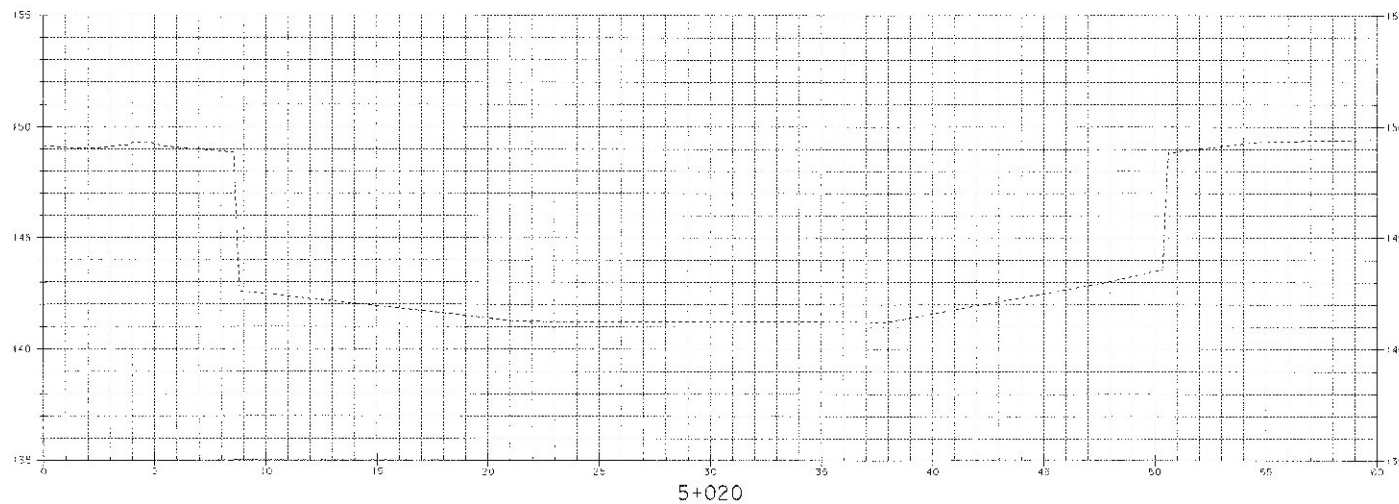
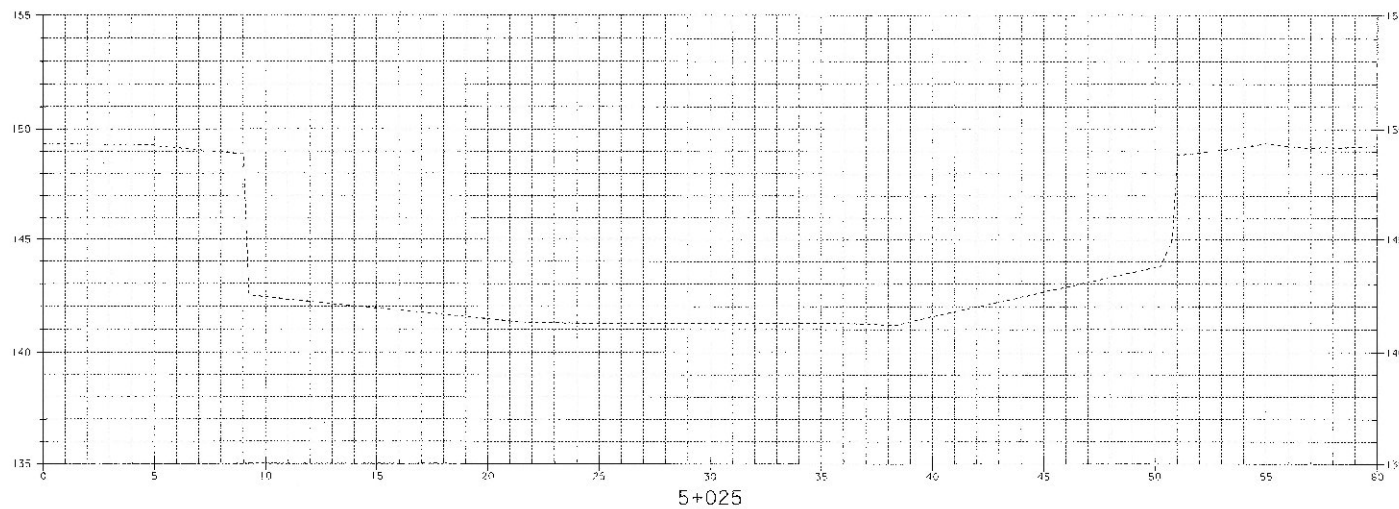
0 5 10 15 20
SCALE 1:100

SHEET NAME: CHANNEL CROSS SECTIONS		
PROJECT NAME: PROCTOR	FORMAT VOL: 1H 3	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO.: 2	
	DIST: CLARK CREEK	
FILE NAME: z:\tr\94\088\g\088xal.dgn	PLT DATE: 10-FEB-2002	
PROJECT MANAGER: G.A. WICKS	DRAWN BY: J. CLARKE	
DESIGNED BY: C. MCIVER	PLANT NAME: g1088xal	
PLANT NO: 1088xal	SHEET 44 OF 59	



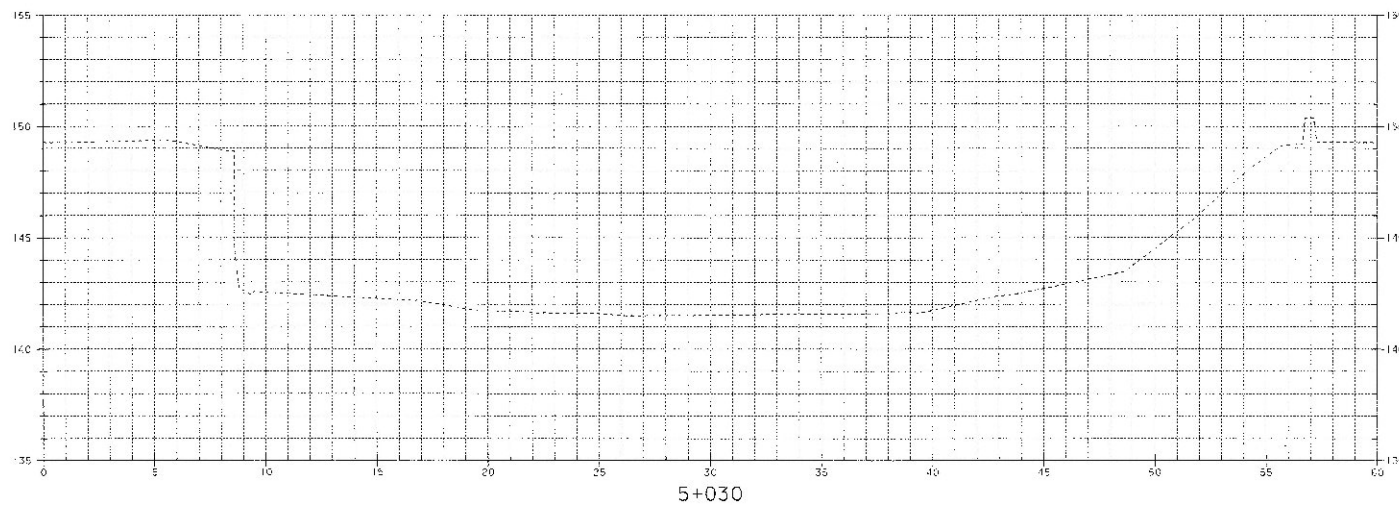
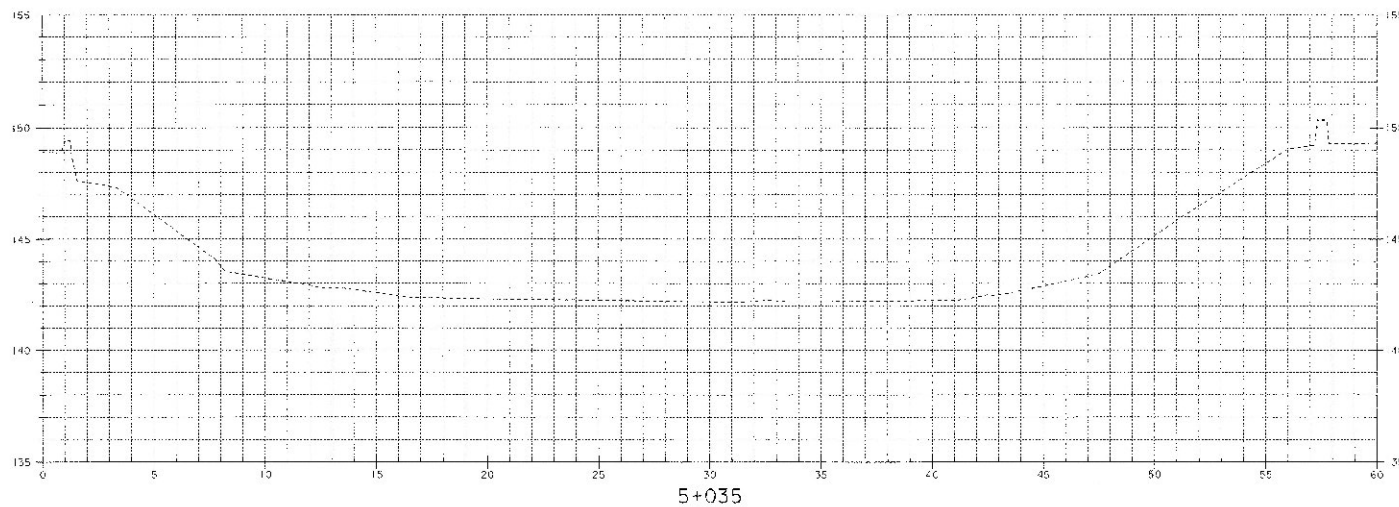
0 2 4 6 8 10
SCALE 1"=100'

SHEET NAME: CHANNEL CROSS SECTIONS		
PROJECT NAME: PROCTOR	SECTION: TH 3	
PROJECT NUMBER: BHF 0155(5/S)	BRIDGE NO.: 2	
	CROSSING: OTTER CREEK	
FILE NAME: /s/10/08/sj088xaldyn	PLN. DATE: 12-FEB-2002	
PROJECT MANAGER: G.S. MOULDER	DRAWN BY: J. OLIVER	
DESIGNED BY: C. MELNER	PARM. NAME: sj088xaldyn	
BRIDGE SHEET NUMBER:	SHEET NO. OF 33	



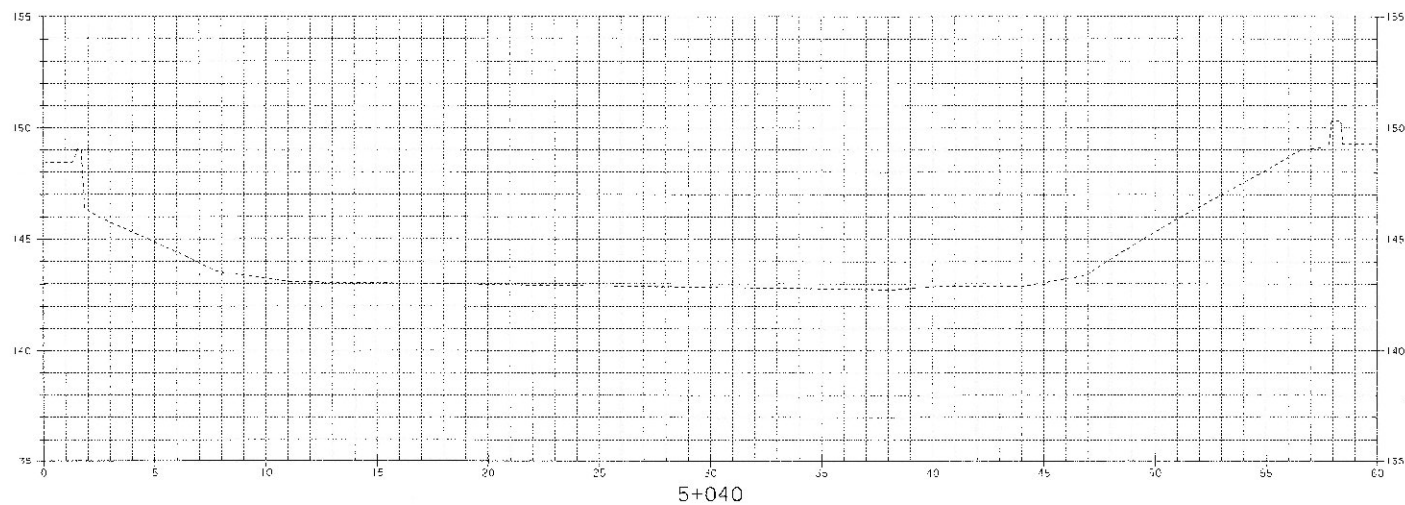
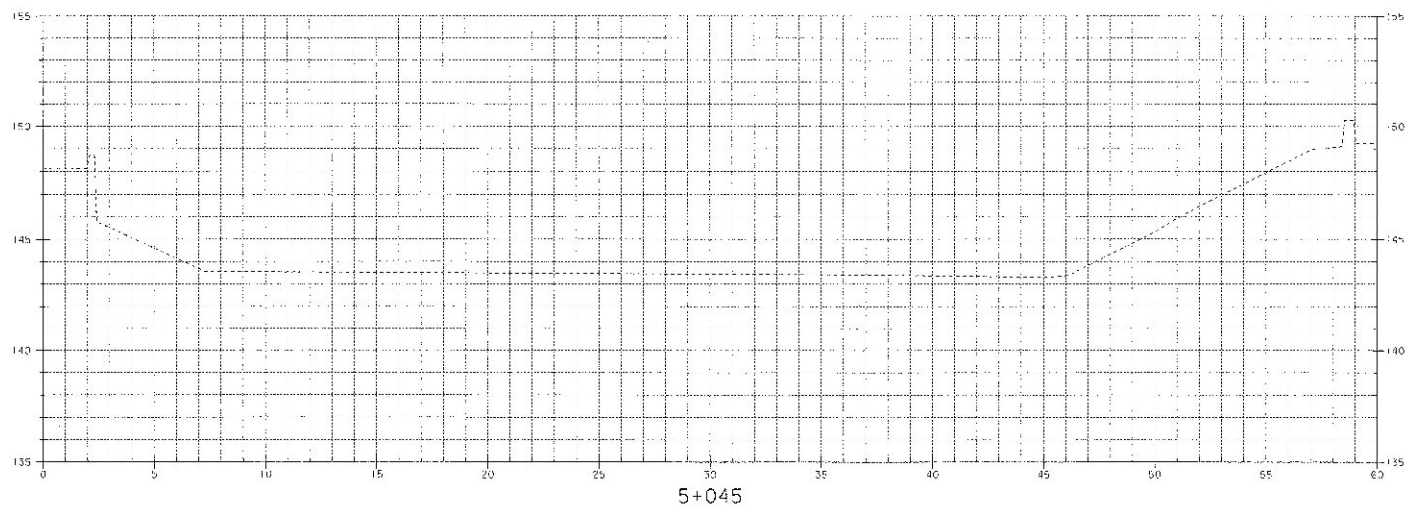
SCALE 1:100

SHEET NAME: CHANNEL CROSS SECTIONS		
PROJECT NAME: PROCTOR	ASST. NO. TH 3	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO.: 2	
	OVER COTTON CREEK	
FILE NAME: z:\h\1\h1084\g1055s1.dgn	PLT DATE: 10-28-2002	
PROJECT MANAGER: G.S. ROCKS	DRAWN BY: J. GILMORE	
DESIGNED BY: C. MCFARLANE	WEEK NUMBER: 01084031	
BRIDGE SHEET NUMBER:	SHEET NO. OF 59	



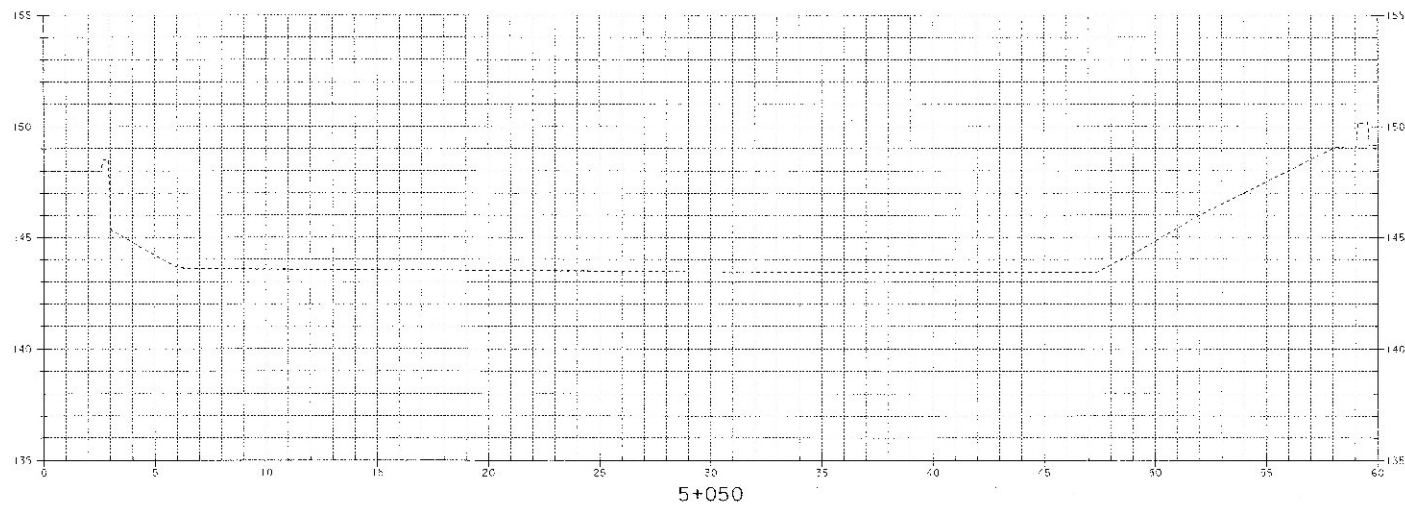
0 2 4 6 8 10
SCALE 1:100

SHEET NAME: CHANNEL CROSS SECTIONS		
PROJECT NAME: PROCTOR	BRIDGE NO.: 2	HIGHWAY NO.: 10
PROJECT NUMBER: BHF 0155(5)S	OVER: OTTER CREEK	
FILE NAME: /s/11/1/108/2/08/0155(5)S.dgn	PLOT DATE: 12-17-2002	
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J. GILMORE	
DESIGNED BY: C. MEUNIER	DAPM NAME: 810820-4.1	
BRIDGE SHEET NUMBER:	SHEET 41 OF 52	



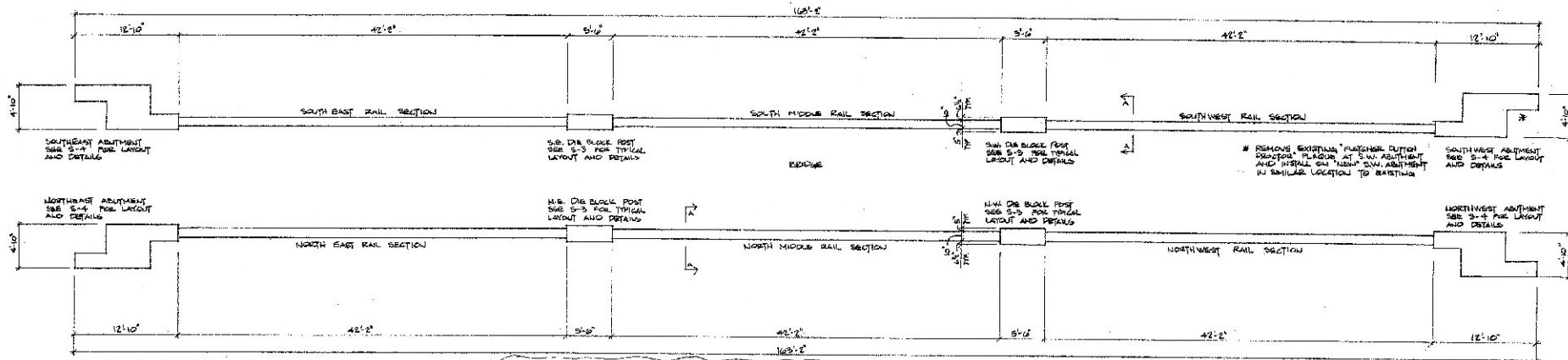
0 2 4 6 8 10
SCALE: 1"=100'

SHEET NAME: CHANNEL CROSS SECTIONS		
PROJECT NAME: PROCTOR	HIGHWAY NO: TP-5	
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO: 2	
	OVERALL WIDTH: 60 FT	
FILE NAME: /mnt/raid08/0155(5)S.dgn	PLOT DATE: 10 FEB 2002	
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J. GILMORE	
DESIGNED BY: C. WELMER	PAPER NAME: 300800000	
BRIDGE SHEET NUMBER:	SHEET 48 OF 59	



0 2 4 6 8 10
SCALE 1:100

SHEET NAME: CHANNEL CROSS SECTIONS		
PROJECT NAME: PROCTOR	BRIDGE NO.: 113	
PROJECT NUMBER: BHF 0155(5)S	CYCLING OTHER CROSS	
FILE NAME: /s1/1/1/0155/0155(5)S.dgn	FILE NAME: 0155(5)S.dgn	
PROJECT MANAGER: S.S. ROGERS	DRAWN BY: J. SILVORE	
DESIGNED BY: C. MELNER	FILE NAME: 0155(5)S.dgn	
BRIDGE SHEET NUMBER:	SHEET: 5 OF 58	



BASE LAYOUT AT BRIDGE DECK
SCALE: 1/4" = 1'-0"

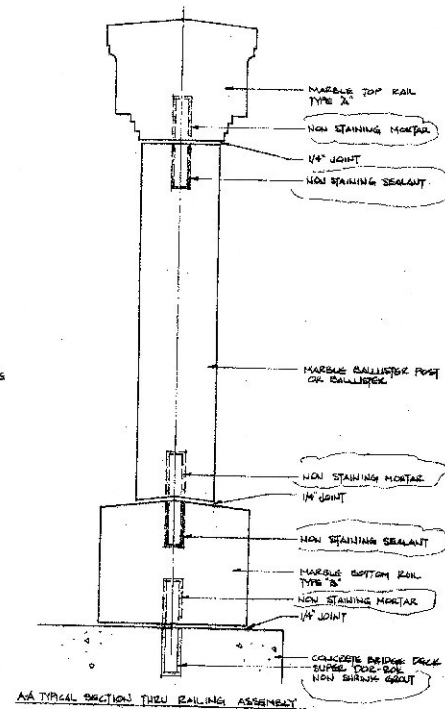
* DENOTES HOLES IN TOP SURFACE OF BASES BS AND BS2 AT EXPANSION JOINTS THAT SHALL BE 1/4" x 5" DEEP ANCHORS (TOP AND BOTTOM) ON ONE SIDE OF EXPANSION JOINTS SHALL BE SET IN SEALANT.

NOTE THE ORIENTATION OF THE VERNIER OF THE STOPS FOR THE TOP AND BOTTOM RAIL SHOULD RUN ON A HORIZONTAL PLANE AS PER SPECIFICATION SECTION 2.01A, PAGE 2.

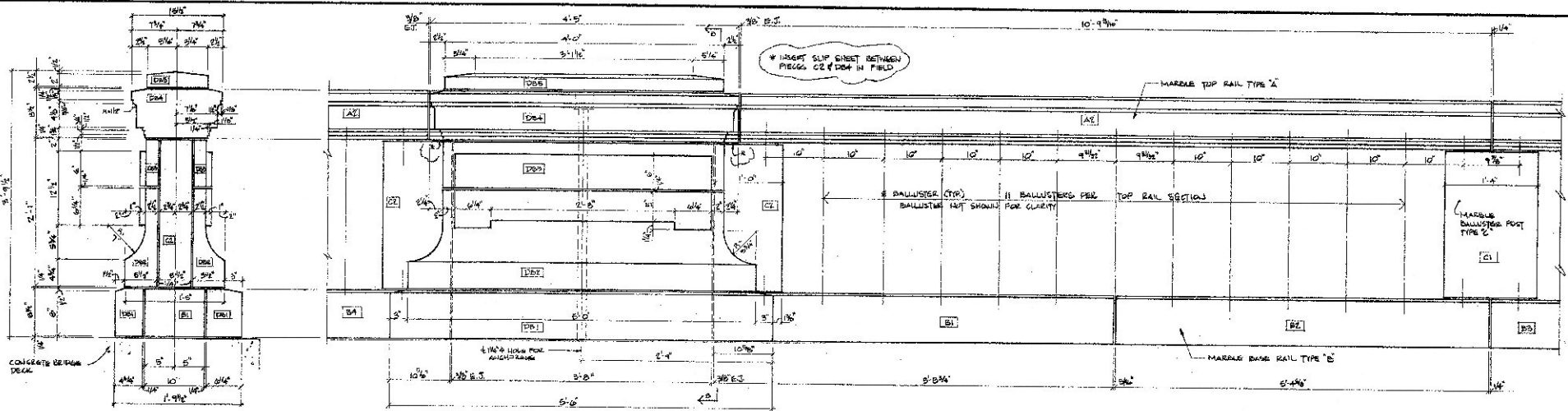




NOTE: THE ORIENTATION OF THE VIEWING OF THE TOP AND BOTTOM RAIL SHOULD RUN ON A HORIZONTAL PLANE AS PER SPECIFICATION SECTION 2.01A PAGE 6

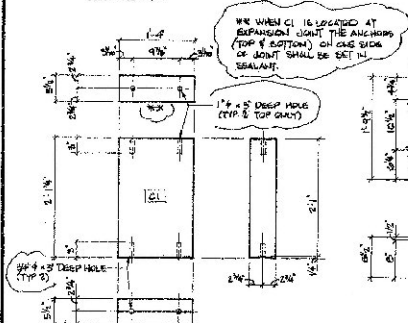


PRINT RECORD			GRANITE IMPORTERS INC.	
NO.	DATE	REVISION	PROJECT	LOCATION
1	10/10/10		THE PROCTOR MARBLE ARCH BRIDGE	PROCTOR, VT.
2	10/10/10		ADDITIONAL VERMONT AGENCY OF TRANSPORTATION	
3	10/10/10		PROCTOR: BHF 0155 (5) S	
4	10/10/10		FOR INFORMATION PURPOSES ONLY	
5	10/10/10		SHEET 24 OF 34 SHEET	

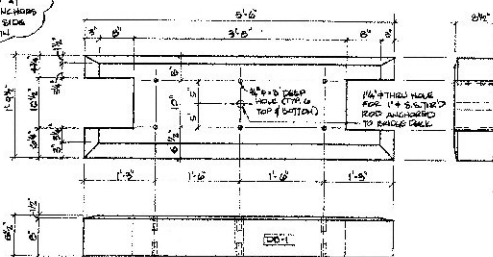


SECTION D-D THRU DIE BLOCK POST
SCALE: 1/2\"/>

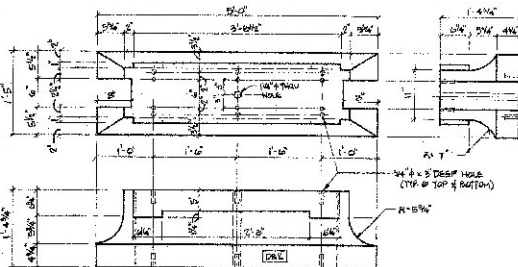
TYPICAL ELEVATION AT DIE BLOCK POST
SCALE: 1/2\"/>



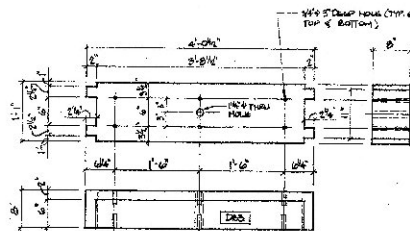
MARBLE DIE BLOCK POST PIECE 'C1' LAYOUT
SCALE: 1\"/>



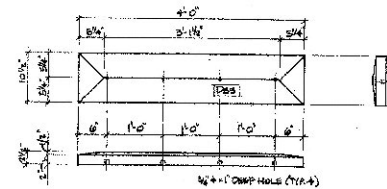
MARBLE DIE BLOCK POST PIECE 'D2' LAYOUT
SCALE: 1\"/>



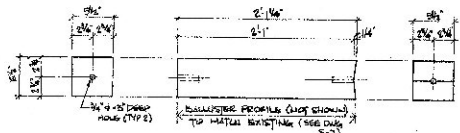
MARBLE DIE BLOCK POST PIECE 'D3' LAYOUT
SCALE: 1\"/>



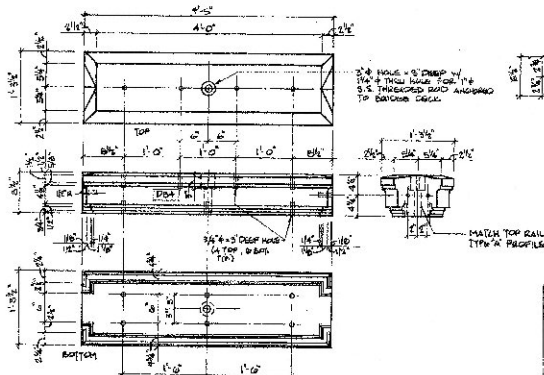
MARBLE DIE BLOCK POST PIECE 'D4' LAYOUT
SCALE: 1\"/>



MARBLE DIE BLOCK POST PIECE 'D5' LAYOUT
SCALE: 1\"/>



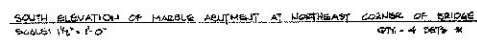
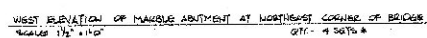
MARBLE DIE BLOCK POST PIECE 'D6' LAYOUT
SCALE: 1\"/>



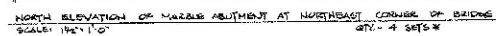
MARBLE DIE BLOCK POST PIECE 'D7' LAYOUT
SCALE: 1\"/>

NOTE:
THE ORIENTATION OF THE VERNING OF THE STONE FOR THE TOP AND BOTTOM RAIL SHOULD RUN ON A HORIZONTAL PLANE AS PER SPECIFICATION SECTION 2.01A, PAGE 2

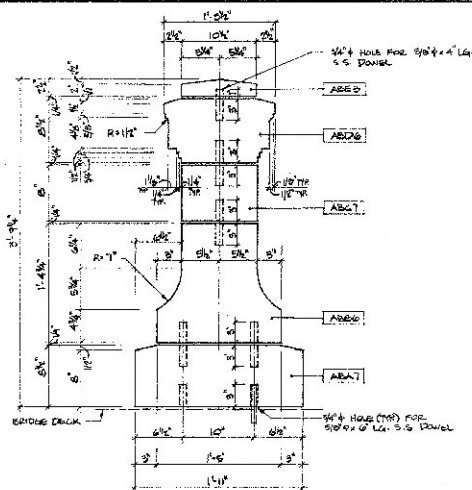
PRINT RECORD			GRANITE IMPORTERS INC. 100 BOX 712, SOUTH VERMONT STREET, VERMONT, (802) 898-0010 FAX: (802) 898-0011 WE ARE A 100% VERMONT OWNED AND OPERATED COMPANY. ALL OUR STONE IS QUARRIED AND CUT IN VERMONT. WE ARE A 100% VERMONT OWNED AND OPERATED COMPANY. ALL OUR STONE IS QUARRIED AND CUT IN VERMONT. WE ARE A 100% VERMONT OWNED AND OPERATED COMPANY. ALL OUR STONE IS QUARRIED AND CUT IN VERMONT.
DATE	REV	BY	
PROJECT: THE PROCTOR MARBLE ARCH BRIDGE			DESIGNED: A. H. O'NEILL
LOCATION: PROCTOR, VT			DRAWN: B. H. O'NEILL
ARCHITECT: VERMONT ARCHITECT OF TRANSPORTATION			CHECKED: J. L. O'NEILL
PROCTOR: BHF_0155 (5) S			REVISIONS:
FOR INFORMATIONAL PURPOSES ONLY SHEET 22 OF 27 SHEET			5-3

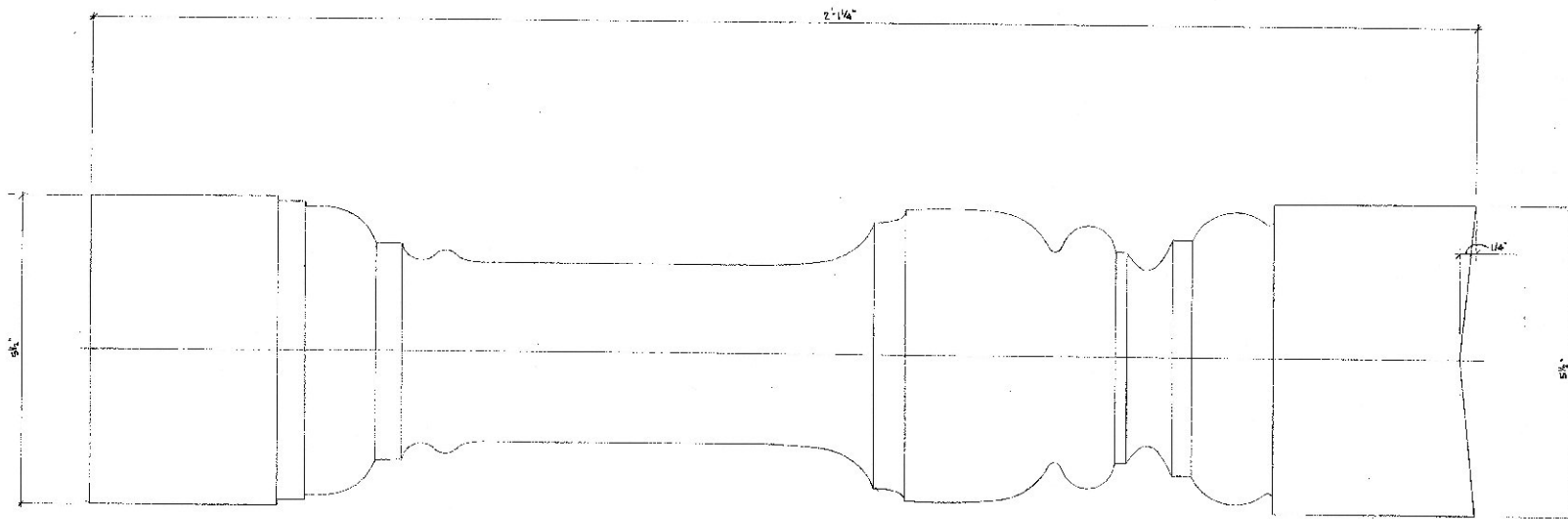


* ELEVATION SHOWN IS TP. AT AT H.E. & S.W. ABUTMENTS.
N.W. AND S.E. ABUTMENT SIMILAR BUT OPPOSITE HAND



PRINT RECORD			 GRANITE IMPORTERS, INC.	
NO.	SENT	DATE	P.O. BOX 712, 16 SOUTH VINE STREET, LARSEN, VERMONT 05245-0712 FAX: 802-476-7262	
WE HAVE BEEN REQUESTED BY THE VERMONT DEPARTMENT OF TRANSPORTATION TO ASSIST IN THE CONSTRUCTION OF THE VERMONT STATE ROUTE 100 PROJECT. THE PROJECT IS A 1.5 MILE SECTION OF ROUTE 100, LOCATED IN THE TOWN OF LARSEN, VERMONT. THE PROJECT CONSISTS OF A 1.5 MILE SECTION OF ROUTE 100, LOCATED IN THE TOWN OF LARSEN, VERMONT.			WE ARE CURRENTLY IN THE PROCESS OF OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE VERMONT DEPARTMENT OF TRANSPORTATION. WE WILL BE IN CONTACT WITH YOU AS WE PROGRESS THROUGH THE PERMITTING PROCESS.	
PROJECT			THE PROCTOR MARBLE ARCH BRIDGE	
LOCATION			PROCTOR, VT	
ARCHITECT			VERMONT AGENCY OF TRANSPORTATION	
PROCTOR:			BHF 0155 (S)	
FOR INFORMATIONAL PURPOSES ONLY			SELECTED BY AG SUBJECT 4-16-00 B-0-0	
			DRAWING NO. S-5	

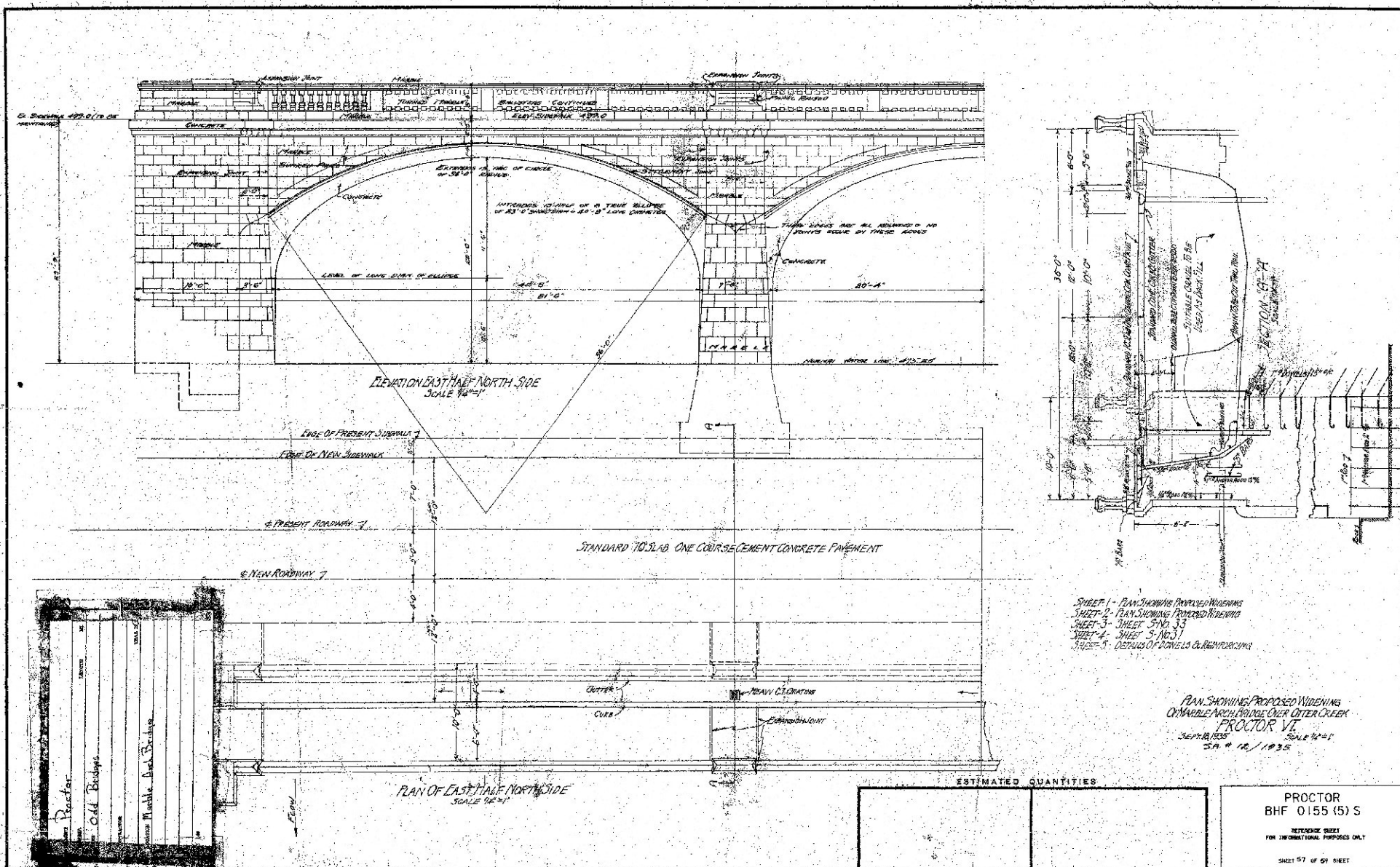




FULL SIZE LAYOUT OF EXISTING BALUSTRADE TYPE "B"

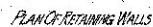
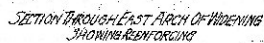
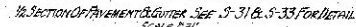
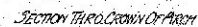
NOTE: THIS BALUSTRADE WAS CREATED FROM
AN EXISTING SAMPLE

PRINT RECORD		 GRANITE IMPORTERS INC.	
NO.	DATE	P.O. BOX 112, 10 SOUTH VERMONT STREET, BARRINGTON, VERMONT 05813, (802) 496-5813, FAX (802) 496-7247	
1	11/1/88	GRANITE IMPORTERS INC. IS A DIVISION OF GRANITE INDUSTRIES, INC. GRANITE INDUSTRIES, INC. IS A DIVISION OF GRANITE INDUSTRIES, INC. GRANITE INDUSTRIES, INC. IS A DIVISION OF GRANITE INDUSTRIES, INC. GRANITE INDUSTRIES, INC. IS A DIVISION OF GRANITE INDUSTRIES, INC.	
PROJECT		THE PROCTOR, HANDELS AREA, BARRINGTON	
LOCATION		PROCTOR, VT.	
ARCHITECT		VERMONT ASSOCIATE OF TRANSPORTATION	
DESIGNER		A & G	
DRAWING NUMBER		PROCTOR: BHF 0155 (5) S	
FOR INFORMATION PURPOSES ONLY		SHEET 14 OF 14	
DATE		11/1/88	



SHEET 1 - PLAN SHOWING PROPOSED WIDENING
SHEET 2 - PLAN SHOWING PROPOSED WIDENING
SHEET 3 - SHEET 5 NO. 33
SHEET 4 - SHEET 5 NO. 31
SHEET 5 - DETAILS OF JOINTS & REINFORCING

PLAN SHOWING PROPOSED WIDENING
DRYABLE ARCH BRIDGE OVER LITTE CREEK
PROCTOR VI
SEP 18, 1935
SCALE 1/4" = 1'
SHEET 57 OF 59 SHEET

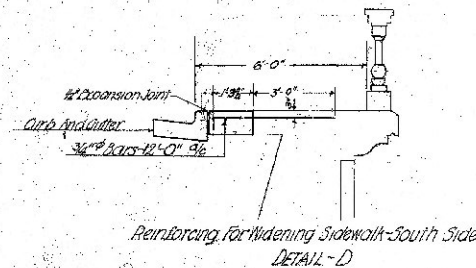
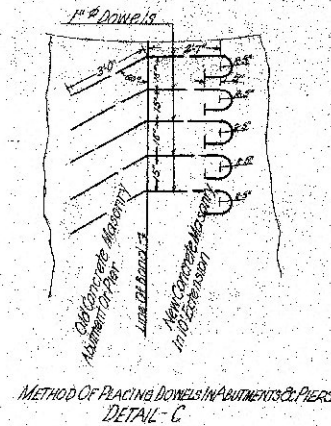
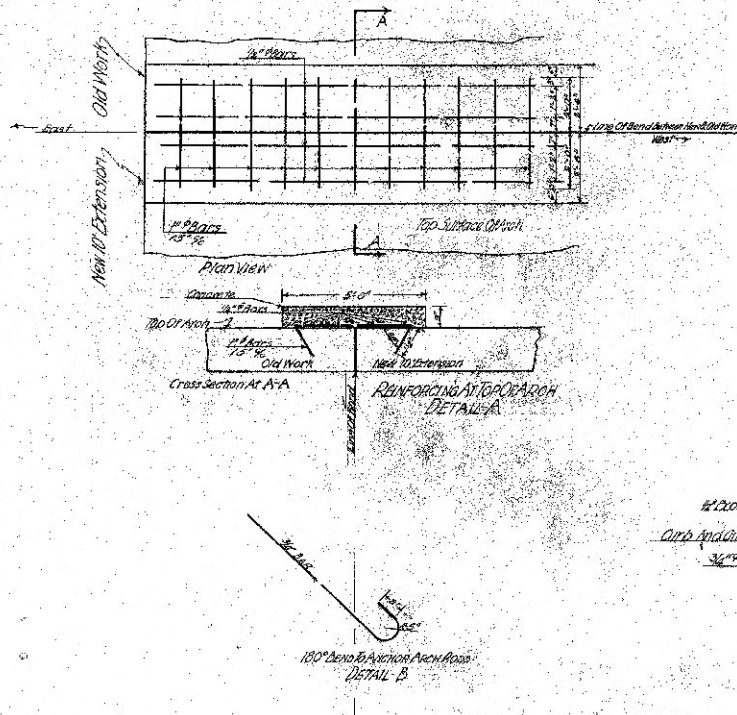


PLAN SHOWING PROPOSED WIDENING
OF MARBLE ARCH BRIDGE OVER OTTER CREEK
PROCTOR VI.
Sept 18, 1935 Scale 1/4" = 1'
50 # 12 / 1935

PROCTOR
BHF 0155 (5) S

REFERENCE SHEET
FOR INFORMATIONAL PURPOSES ONLY

SHEET 30 OF 54 SHEET



PLAN SHOWING DETAILS OF DOWELS & REINFORCING
NARROW GARDEN BRIDGE OVER RIVER CREEK
PROCTOR VI
SCALE: 1\"/>

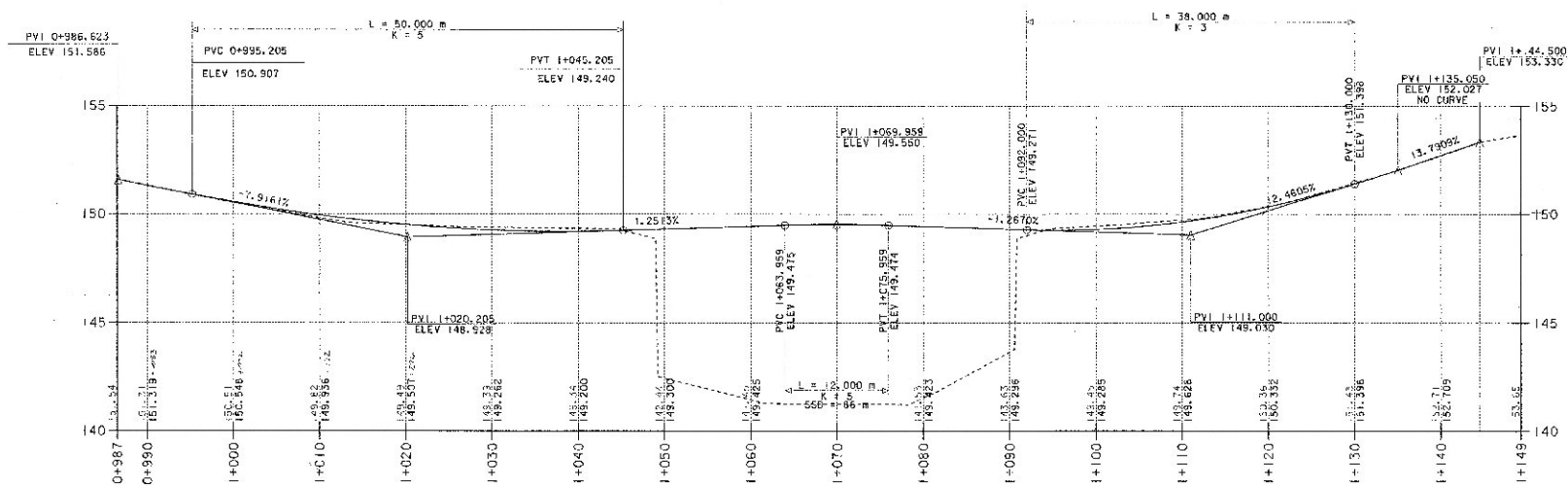
ESTIMATED QUANTITIES

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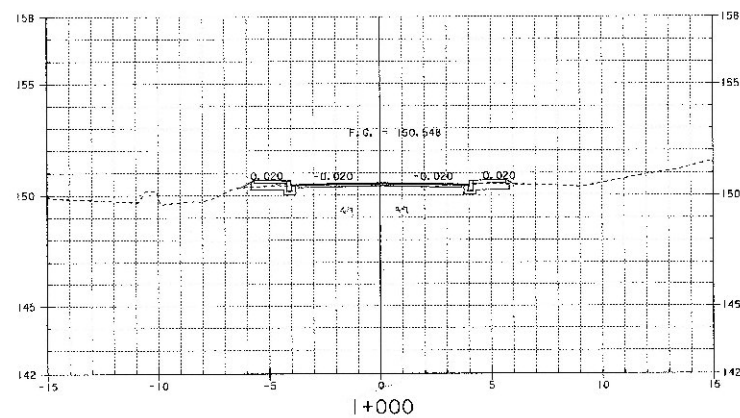
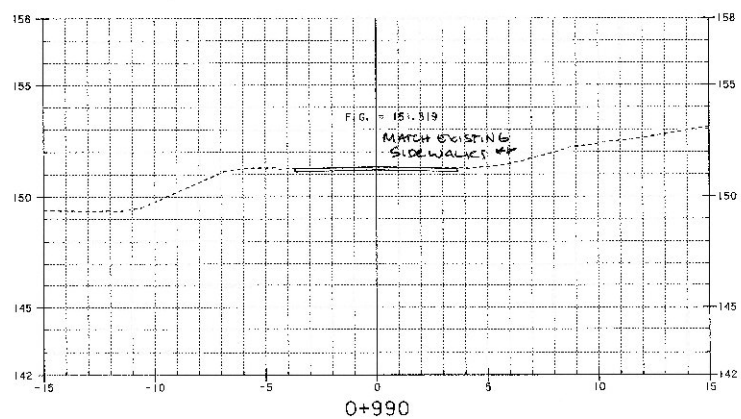
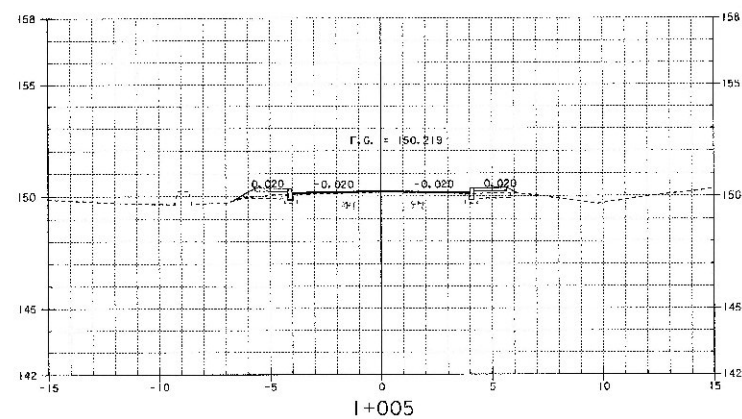
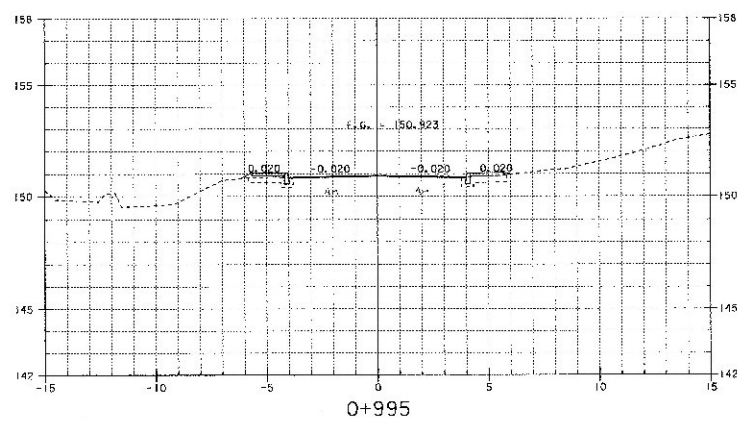
PROCTOR
BHF 0155 (5) S

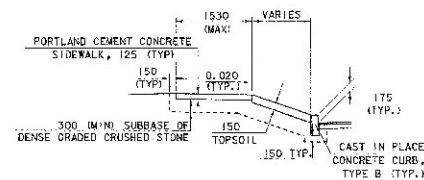
REFERENCE SHEET
FOR INFORMATIONAL PURPOSES ONLY
SHEET 61 OF 119 SHEET

Profile

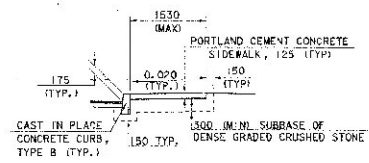


SHEET NAME: EXTENDED PROFILE	
PROJECT NAME: PROCTOR	HIGHWAY NO: TH 3
PROJECT NUMBER: BHF 0155(5)S	BRIDGE NO: 2
	OVER: OTTER CREEK
FILE NAME: gtr1/94j08/sj088xal.dgn	PLOT DATE: 03-SEP-2002
PROJECT MANAGER: G.S. ROGERS	DRAWN BY: J. DILMORE
DESIGNED BY: C. MEUNIER	PARM NAME: sj088pr2.1
BRIDGE SHEET NUMBER:	SHEET 60 OF

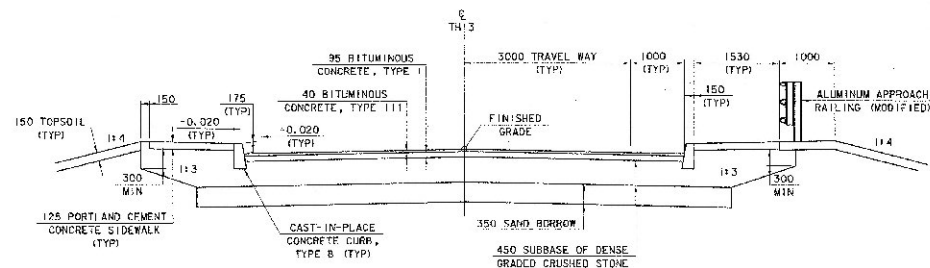




SIDEWALK TYPICAL
STA 1+095 TO STA 1+144.5 LT
NTS

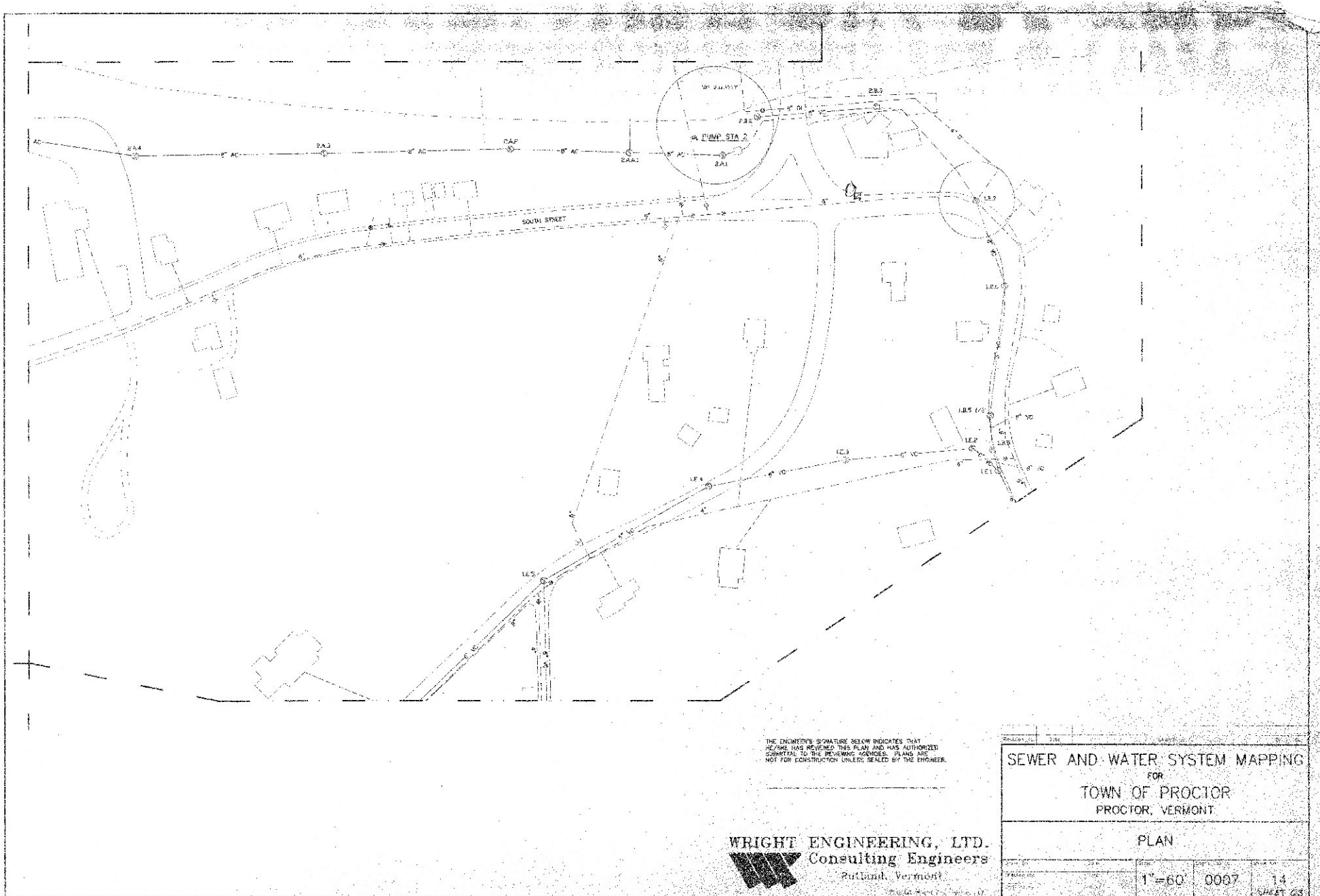


SIDEWALK TYPICAL
STA 0 + 996 TO STA 1+025
NTS



ROADWAY TYPICAL

NTS
(STA 0 + 986 - 1 + 030 +/-)
SURVEILLANCE
SPEED LIMIT
SIGNAL



THE ENGINEER'S SIGNATURE BELOW INDICATES THAT HE/HIS HAS REVIEWED THIS PLAN AND HAS AUTHORIZED SUBMITTAL TO THE REVIEWING AGENCIES. PLANS ARE NOT FOR CONSTRUCTION UNLESS SEALED BY THE ENGINEER.

WRIGHT ENGINEERING, LTD.
Consulting Engineers
 Rutland, Vermont

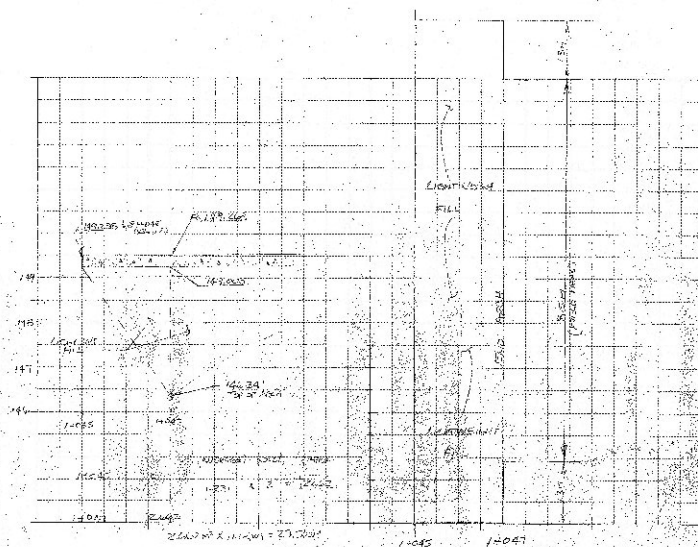
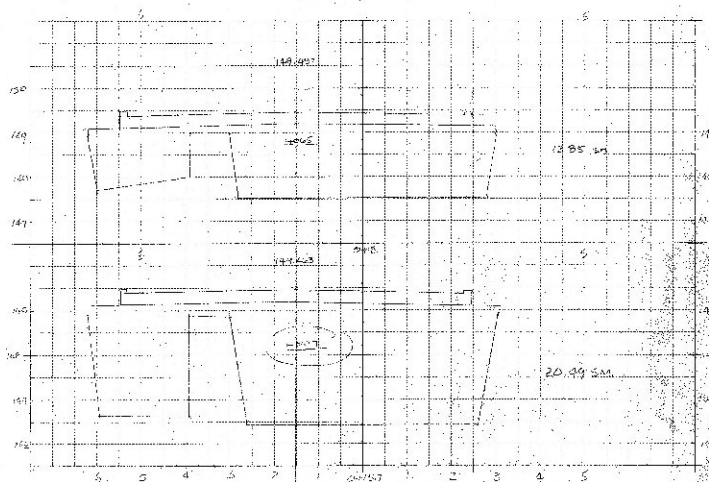
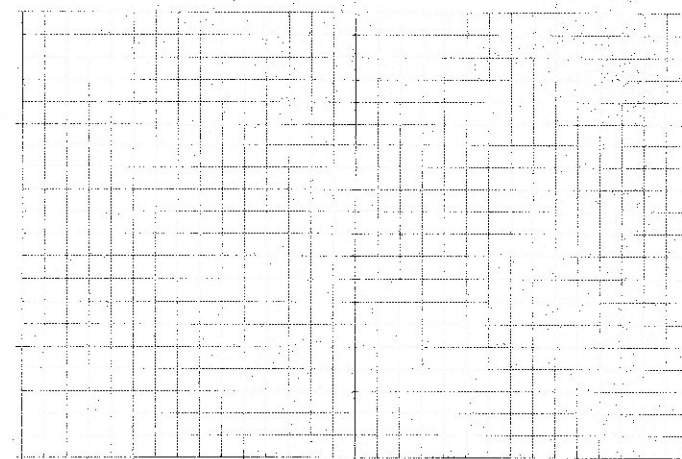
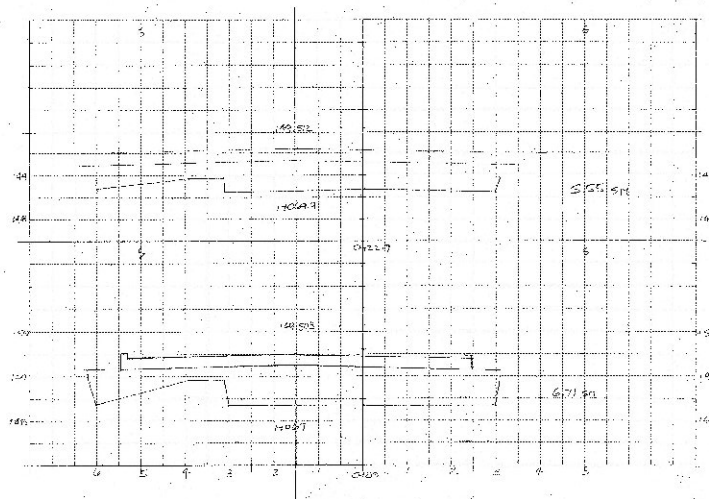
SEWER AND WATER SYSTEM MAPPING
 FOR
 TOWN OF PROCTOR
 PROCTOR, VERMONT

PLAN

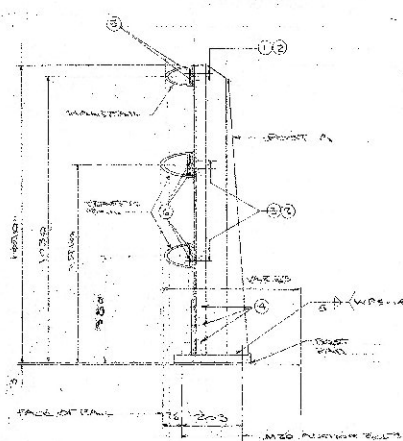
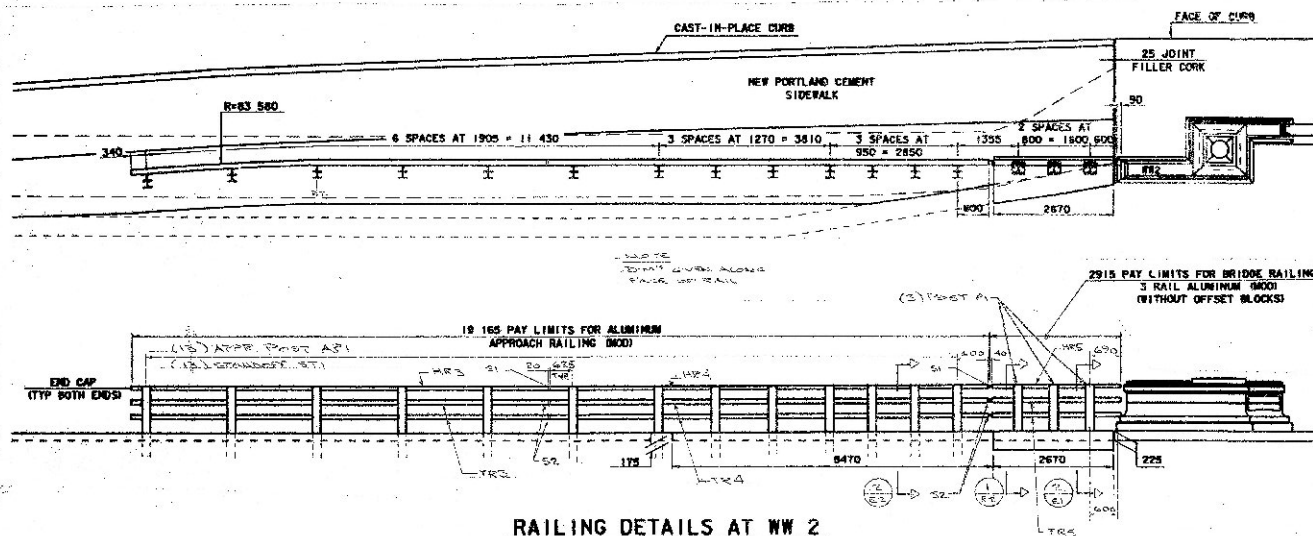
1"=60'

0007

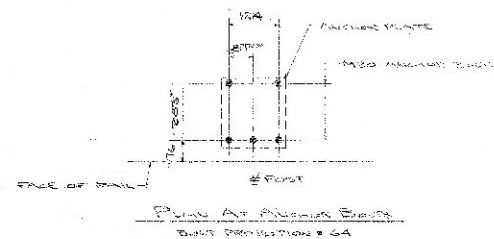
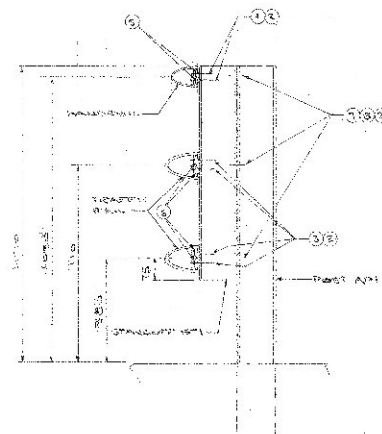
14
 SHEET 23



PROJECT:	PROJECT NO.:
DESIGN FILE NAME:	PROJECT LOCATION:
DESIGNER NAME:	DATE:
DESIGNER SIGNATURE:	SHEET 1 OF 1

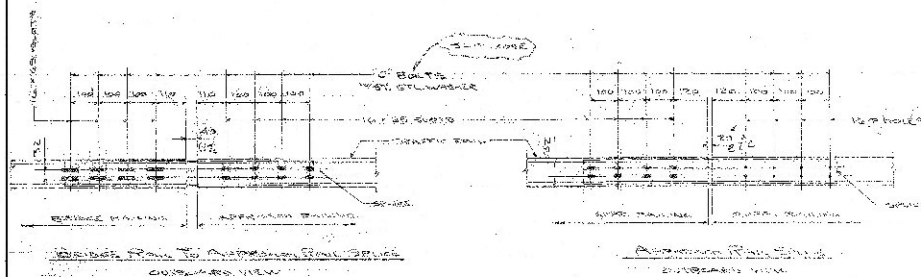


- ① MFG < 19 MEAN IN CMT NUMBER (MFG. OR. NO.)
- ② PL. PLAT WASHER 27.03 < 12.5 LB. < 2.5" MAX.
- ③ MFG < 25 MEAN WD CMT NUMBER (MFG. OR. NO.)
- ④ 22.0 PL. PLATE (PLATE NO. 1-2), CMT. NUMBER.
- ⑤ # A CMT. NO. 1-2
- ⑥ # CMT. NO. 1-2
- ⑦ MFG < 25 MEAN WD CMT. (202 OR. 204 AT. 1-2)
- ⑧ MFG MEAN NO. (202 OR. 204 AT. 1-2)

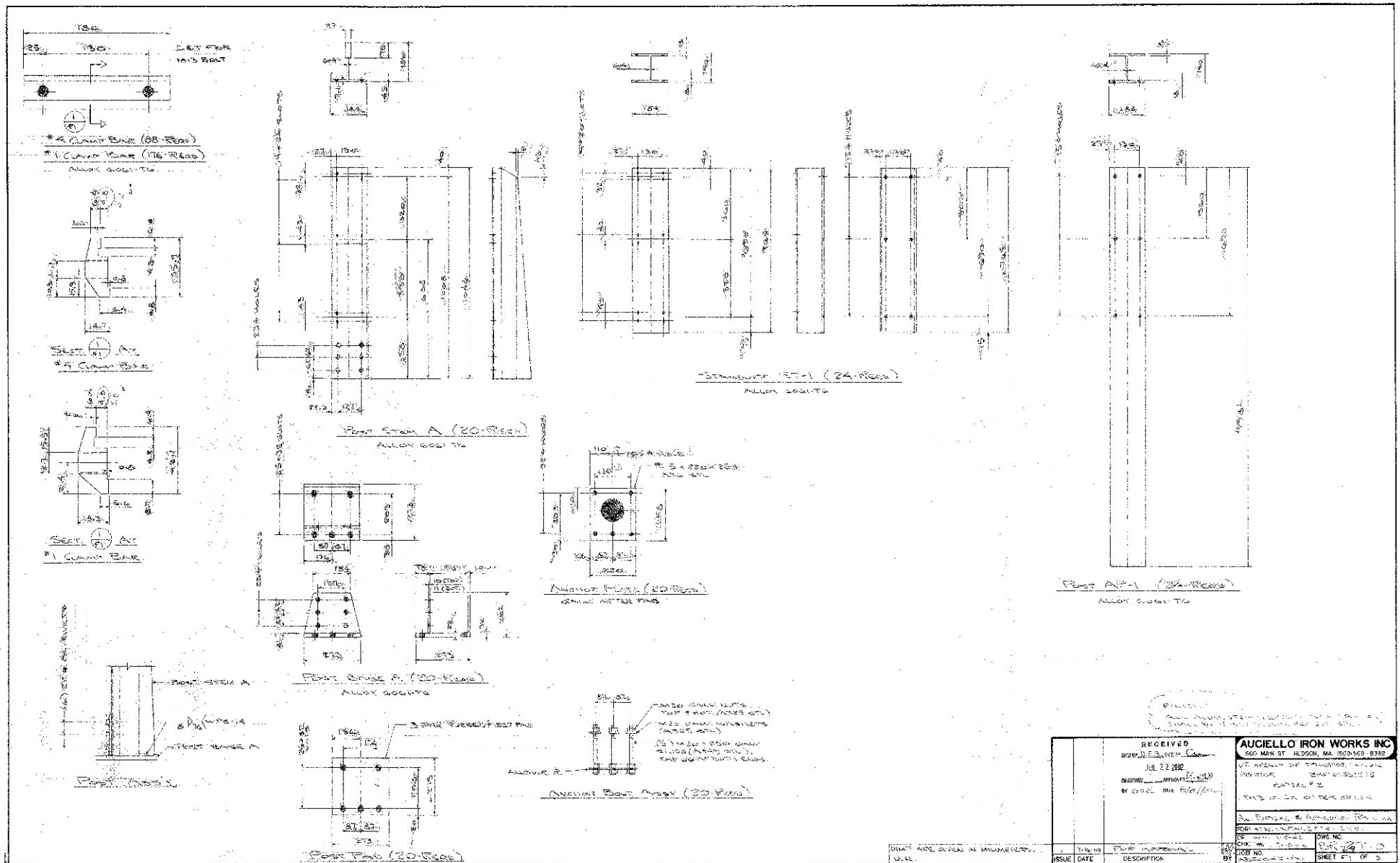


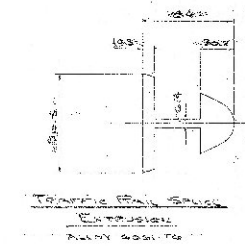
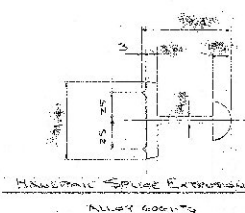
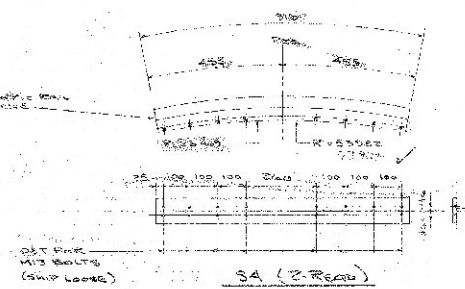
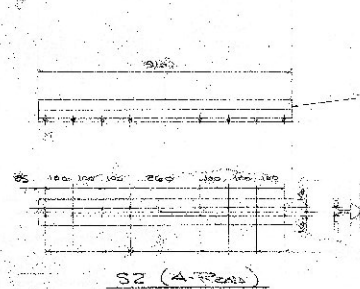
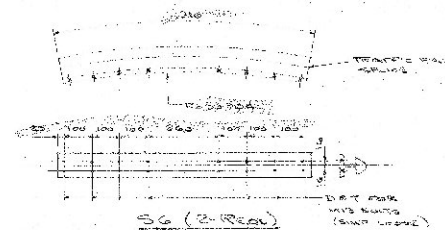
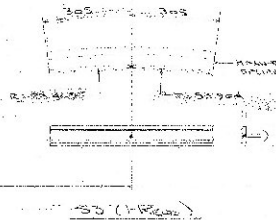
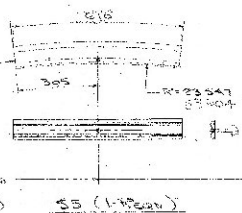
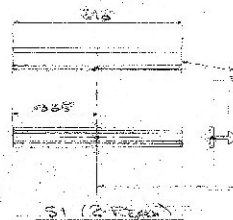
[Faint handwritten notes at the bottom of the page]

[illegible]



RECEIVED INTY RLS, INC. <i>Robert L. Smith</i> JUL 12 2002 RECEIVED APPROVAL <i>7/12/02</i> F-158 DOT <i>7/12/02</i>		AUCIELLO IRON WORKS INC 850 MAIN ST. HILSDEN, MA 01056-8503 BKSD TEL: 413-541-1000 FAX: 413-541-1001 E-MAIL: info@aiwinc.com WWW: www.aiwinc.com THIS IS A CONFIDENTIAL DOCUMENT IF YOU ARE NOT AN AUTHORIZED PERSON DO NOT REPRODUCE OR DISSEMINATE THIS INFORMATION
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FINISH:
BLACK ANODIZED STEEL (SEE SPEC.)

ALL DIMENSIONS GIVEN IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.

RECEIVED AUGUST 1, 2002 JUL 22 2002 BY: C. E. AND S. C. / J. L.		AUCIELLO IRON WORKS INC. 680 MAIN ST. HUDSON, MA 02046-8382 VT. AGENCY OF TECHNOLOGICAL PROGRAMS P.O. BOX 1000 SUITE 502 THIS OVERLAYS PREVIOUS ALL DIMENSIONS & COMPONENTS FOR EXISTING WORK ONLY FOR NEW WORK DIMENSIONS: 316, 305, 305 JOB NO. 008 NO. 10 SHEET 2 OF 3
1	1	1
ISSUE	DATE	DESCRIPTION