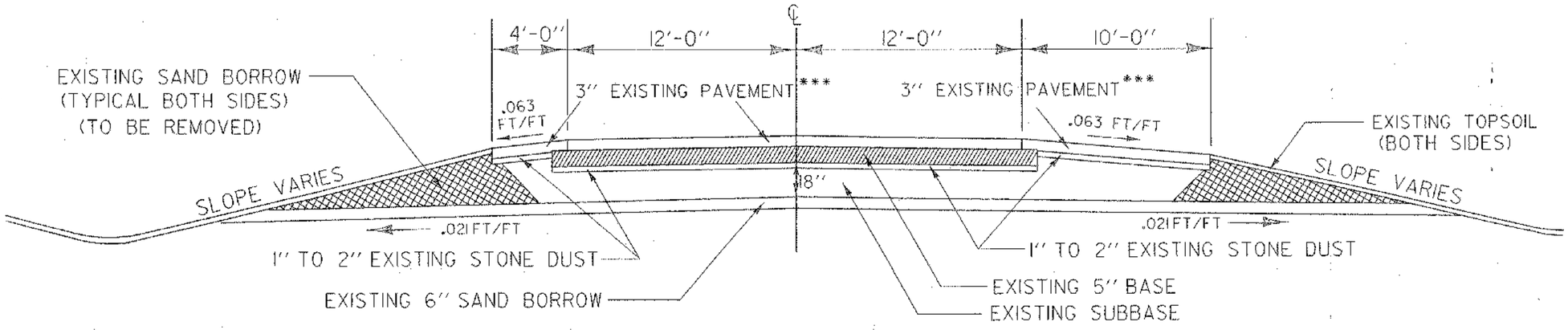
EXISTING TYPICAL SECTION
MM 106.90 TO MM 111.00 (NB & SB)
(FOR REFERENCE ONLY)

*** FROM 1968 "AS BUILT" PLANS. SINCE THEN, A 1" OVERLAY HAS BEEN ADDED.



SEEDING FORMULA
RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

GENERAL NOTES

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

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

FERTILIZER: FORMULA 10-20-10. TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

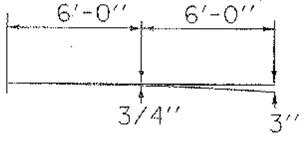
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MARKER POSTS: TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

PAY LIMITS OF SAND BORROW: WHEN USED IN CONJUNCTION WITH UNDERDRAIN - SEE STANDARD SHEET D - 2.

TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.015 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.



PARABOLIC DETAILS

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 1/4"
SUBBASE	± 1"

NORTHBOUND NORMAL TYPICAL SECTION

NB MM 107.56 TO MM 109.00 (NB STA. 3097+43 ~ 3173+38) *
NB MM 109.50 TO MM 110.11 (NB STA. 3199+78 ~ 3231+71*)
NB MM 110.63 TO MM 111.000 (NB STA. 3259+55 ~ 3278+95*)

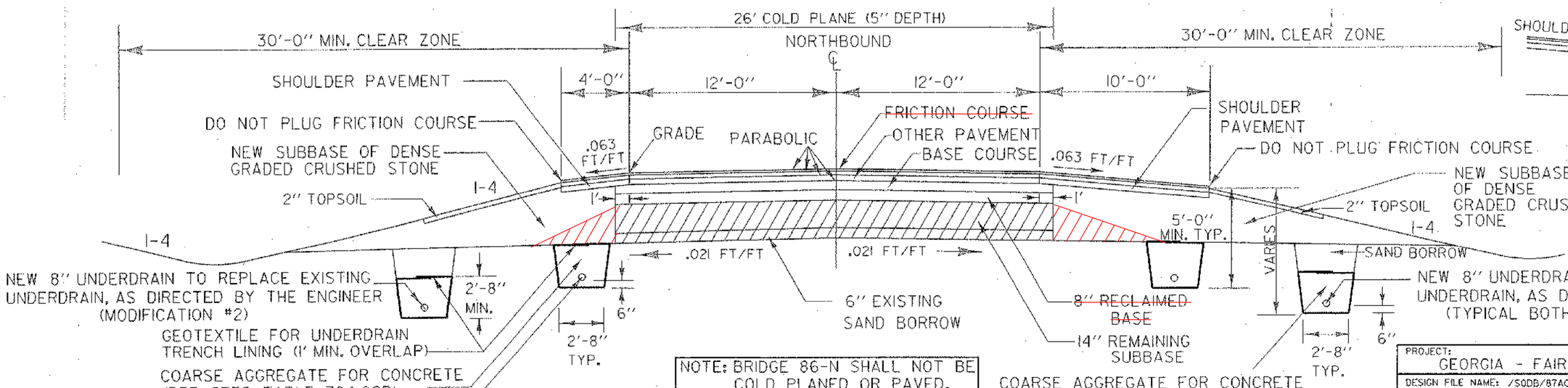
5" COLD PLANE
8" RECLAIMED STABILIZED BASE (COARSE AGGREGATE FOR CONCRETE ADDED WHEN NECESSARY TO ATTAIN DESIRED GRADATION. REFER TO SUPPLEMENTAL SPECIFICATION 310.20, RECLAIMED STABILIZED BASE.)

NEW PAVEMENT - ~~3/4" OPEN GRADED ASPHALT FRICTION COURSE~~
3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III S OVER 2" TYPE II S)
6" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT, TYPE I S (TWO 3" LIFTS)

SHOULDERS: ~~3/4" OPEN GRADED ASPHALT FRICTION COURSE~~
3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III S OVER 2" TYPE II S)

NOTE:
1) NB MM 106.90 TO MM 107.38 ~~6~~ SHALL BE COLD PLANED 1 1/2" AND OVERLAID WITH 3/4" OPEN GRADED ASPHALT FRICTION COURSE OVER 1 1/2" BITUMINOUS CONCRETE PAVEMENT, TYPE III S. (38' WIDTH)

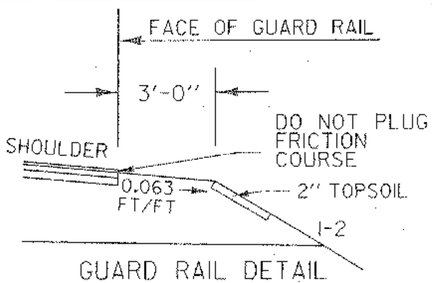
2) THE NORTHBOUND REST AREA RAMPS SHALL BE OVERLAID WITH 1 1/2" BITUMINOUS CONCRETE PAVEMENT, TYPE III (PG 64-28).



NOTE: BRIDGE 86-N SHALL NOT BE COLD PLANED OR PAVED.

*STATIONS ARE FROM 1968 "AS BUILT" PLANS.

'REVISED': JUNE 30, 1997 KML KML
DELETED "AND PARKING AREA" FROM NOTE 2 ABOVE.



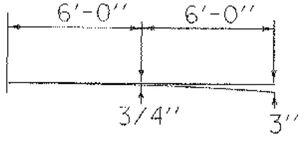
GUARD RAIL DETAIL

NOT TO SCALE

PROJECT: GEORGIA - FAIRFAX	PROJECT NO.: IM-089-3(26)
DESIGN FILE NAME: /SQDB/87A007A/DA007FRM.DGN	
PARM FILE NAME: DA007TYI	PLOT DATE: 1-JUL-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: DELLA SANTA	DRAWN BY: SQUAD B
	SHEET: 3 OF 121

SOUTHBOUND NORMAL TYPICAL SECTION

SB MM 107.56 TO MM 110.74 (SB STA. 3098+37 ~ 3266+49*)



PARABOLIC DETAILS

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 1/4"
SUBBASE	± 1"

5" COLD PLANE

~~8" RECLAIMED STABILIZED BASE (COARSE AGGREGATE FOR CONCRETE ADDED WHEN NECESSARY TO ATTAIN DESIRED GRADATION. REFER TO SUPPLEMENTAL SPECIFICATION 310.20, RECLAIMED STABILIZED BASE.)~~

NEW PAVEMENT - ~~3/4" OPEN GRADED ASPHALT FRICTION COURSE~~

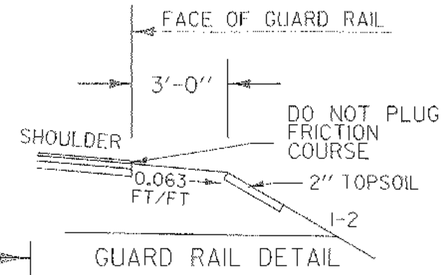
3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III S OVER 2" TYPE II S)

6" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT, TYPE I S (TWO 3" LIFTS)

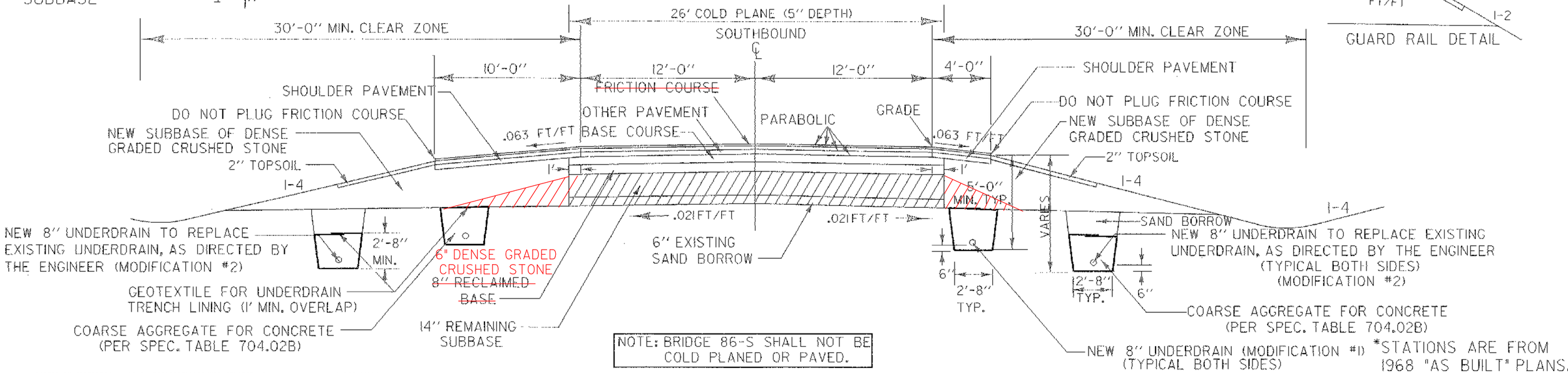
SHOULDERS: ~~3/4" OPEN GRADED ASPHALT FRICTION COURSE~~

3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III S OVER 2" TYPE II S)

NOTE:
SB MM 106.90 TO MM 107.36~~-5~~
SHALL BE COLD PLANED 1 1/2" AND OVERLAID WITH 3/4" OPEN GRADED ASPHALT FRICTION COURSE OVER 1 1/2" BITUMINOUS CONCRETE PAVEMENT, TYPE III S. (38' WIDTH)



GUARD RAIL DETAIL



NOTE: BRIDGE 86-S SHALL NOT BE COLD PLANED OR PAVED.

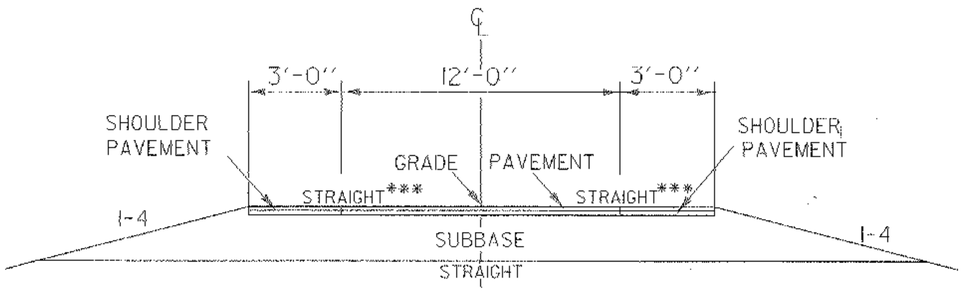
*STATIONS ARE FROM 1968 "AS BUILT" PLANS.

CROSSOVER TYPICAL SECTION

3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III OVER 2" TYPE II) (PG 64-28)

15" SUBBASE OF ACCEPTABLE GRAVEL MATERIAL

SHOULDERS: 3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III OVER 2" TYPE II) (PG 64-28)



***CROSS SLOPE VARIES ACCORDING TO BANKING.

NOT TO SCALE

PROJECT: GEORGIA - FAIRFAX	PROJECT NO.: IM-089-3(26)
DESIGN FILE NAME: /SQDB/8TA007A/DA007FRM.DGN	
IPARM FILE NAME: DA007TY2	PLOT DATE: 15-MAY-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: DELLA SANTA	DRAWN BY: SQUAD B
	SHEET: 4 OF 121

NORMAL TYPICAL SECTION USING PERMEABLE BASE

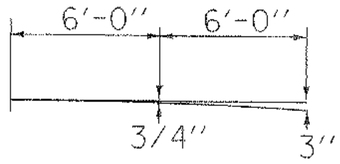
NORTHBOUND MM 109.00 TO MM 109.50 (NB STA. 3173+38 ~ 3199+78*)

THE FOLLOWING PROCEDURE WILL BE DONE FIRST:
COLD PLANE ENTIRE DEPTH OF EXISTING BITUMINOUS PAVEMENT (8''-9'');
REMOVE 1''- 2'' OF EXISTING STONE DUST SUBBASE MATERIAL TO ALLOW FOR NEW PERMEABLE BASE.
(POSSIBLY ADDITIONAL MATERIAL TO BE REMOVED TO MATCH GRADE AT MM 109.00
AND MM 109.50, AS DIRECTED BY THE ENGINEER)
SCARIFY, REGRADE, AND RECOMPACT. (THIS SCARIFYING, REGRADING, & RECOMPACTING IS TO BE PAID UNDER ITEM 212.20, SCARIFYING PAVEMENT--MODIFIED.)

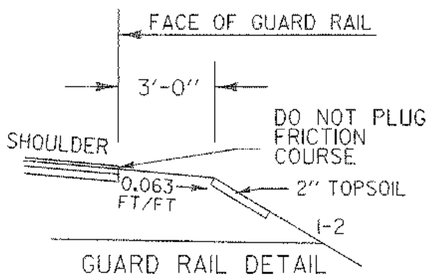
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 1/4''
SUBBASE	± 1''

NEW PAVEMENT - ~~¾'' OPEN GRADED ASPHALT FRICTION COURSE~~
3½'' BITUMINOUS CONCRETE PAVEMENT (1½'' TYPE III S OVER 2'' TYPE II S)
6'' BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT, TYPE I S (TWO 3'' LIFTS)
4'' PLANT MIXED BASE COURSE (MODIFIED, PERMEABLE BASE)

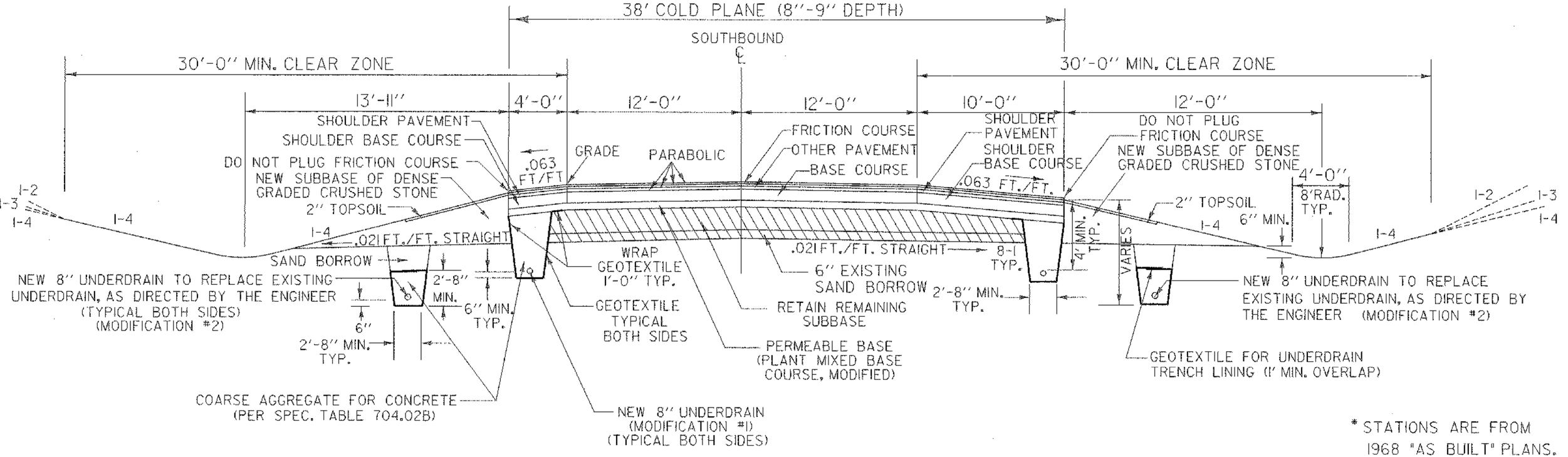
SHOULDERS: ~~¾'' OPEN GRADED ASPHALT FRICTION COURSE~~
3½'' BITUMINOUS CONCRETE PAVEMENT (1½'' TYPE III S OVER 2'' TYPE II S)
6'' BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT, TYPE I S (TWO 3'' LIFTS)
4'' PLANT MIXED BASE COURSE (MODIFIED, PERMEABLE BASE)



PARABOLIC DETAILS



GUARD RAIL DETAIL



* STATIONS ARE FROM 1968 "AS BUILT" PLANS.

PROJECT: GEORGIA - FAIRFAX	PROJECT NO.: IM-089-3(26)
DESIGN FILE NAME: /SODB/87A007A/DA007FRM.DGN	
IPARM FILE NAME: DA007TY6	PLOT DATE: 3-JUN-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: DELLA SANTA	DRAWN BY: SQUAD B
	SHEET: 5 OF

NORTHBOUND REST AREA DECELERATION/ACCELERATION LANE TYPICAL SECTION

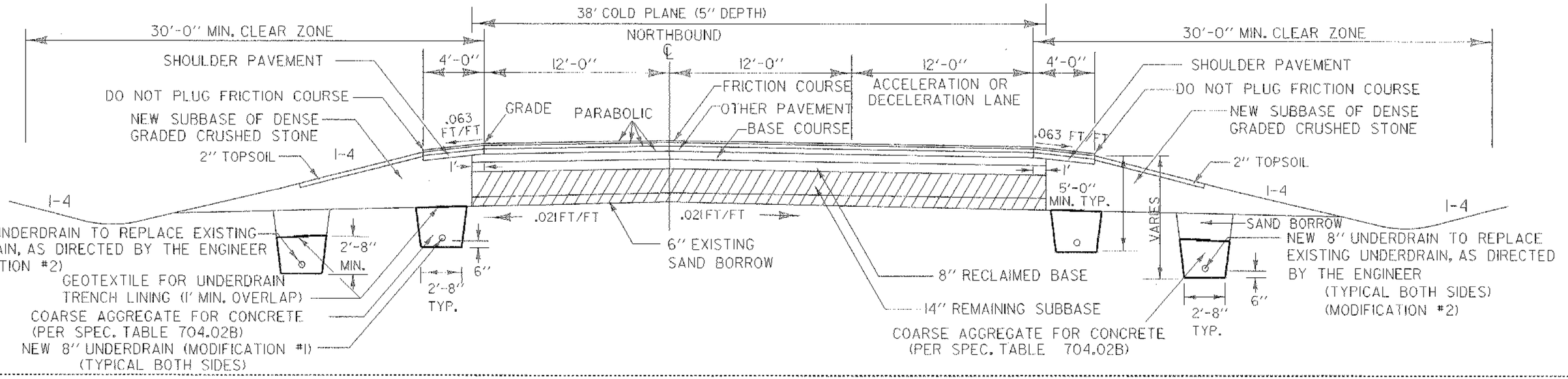
NB MM 110.11 RT. TO MM 110.26 RT. (NB STA. 3231+71 RT. ~ 3239+63 RT.)*
NB MM 110.46 RT. TO MM 110.63 RT. (NB STA. 3250+57 RT. ~ 3259+55 RT.*)

5" COLD PLANE
8" RECLAIMED STABILIZED BASE (COARSE AGGREGATE FOR CONCRETE ADDED WHEN NECESSARY TO ATTAIN DESIRED GRADATION. REFER TO SUPPLEMENTAL SPECIFICATION 310.20, RECLAIMED STABILIZED BASE.)

NEW PAVEMENT - ~~¾" OPEN GRADED ASPHALT FRICTION COURSE~~
3½" BITUMINOUS CONCRETE PAVEMENT (1½" TYPE III S OVER 2" TYPE II S)
6" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT, TYPE I S (TWO 3" LIFTS)

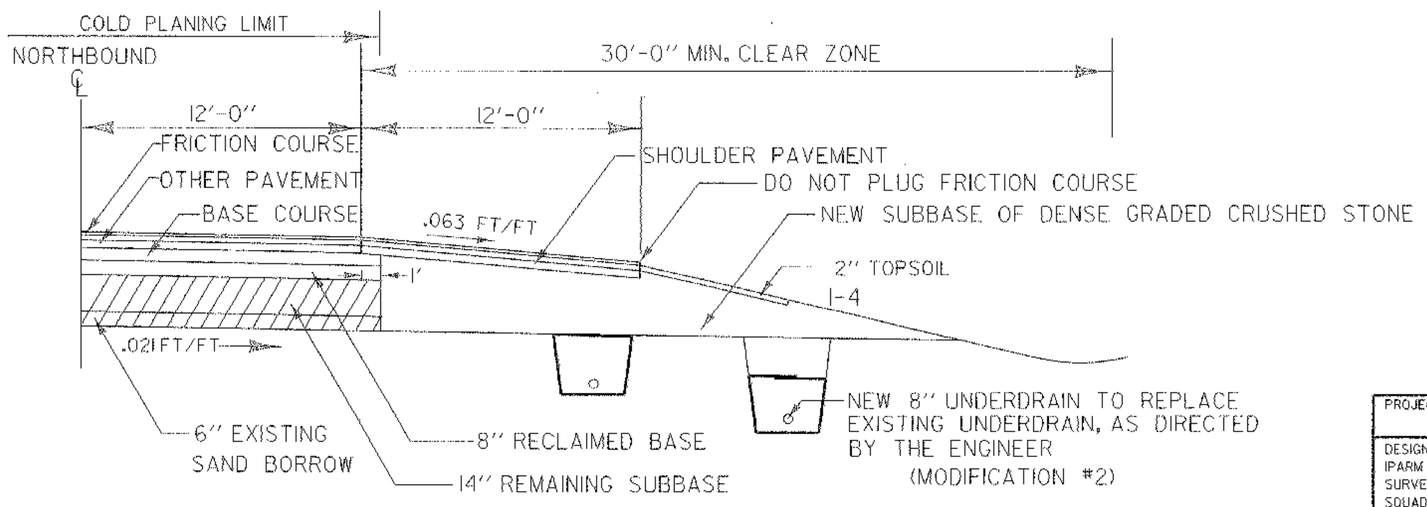
SHOULDERS: ~~¾" OPEN GRADED ASPHALT FRICTION COURSE~~
3½" BITUMINOUS CONCRETE PAVEMENT (1½" TYPE III S OVER 2" TYPE II S)

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 1/4"
SUBBASE	± 1"



SHOULDER TREATMENT BETWEEN REST AREA DECELERATION AND ACCELERATION LANES

NB MM 110.26 RT. TO MM 110.46 RT. (NB STA. 3239+63 RT. ~ 3250+57 RT.*)



*STATIONS ARE FROM 1968 "AS BUILT" PLANS.

NOT TO SCALE

PROJECT: GEORGIA - FAIRFAX	PROJECT NO.: IM-089-3(26)
DESIGN FILE NAME: /SQDB/87A00TA/DA007FRM.DGN	
IPARM FILE NAME: DA00TTY4	PLOT DATE: 15-MAY-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: DELLA SANTA	DRAWN BY: SQUAD B
	SHEET: 7 OF 121

SOUTHBOUND REST AREA ACCELERATION LANE TYPICAL SECTION

SB MM 110.74 LT. TO MM 110.88 LT. (SB STA. 3266+61 LT. ~ 3274+00 LT.*)

5" COLD PLANE

~~8" RECLAIMED STABILIZED BASE (COARSE AGGREGATE FOR CONCRETE ADDED WHEN NECESSARY TO ATTAIN DESIRED GRADATION. REFER TO SUPPLEMENTAL SPECIFICATION 310.20, RECLAIMED STABILIZED BASE.)~~

NEW PAVEMENT - ~~3/4" OPEN GRADED ASPHALT FRICTION COURSE~~

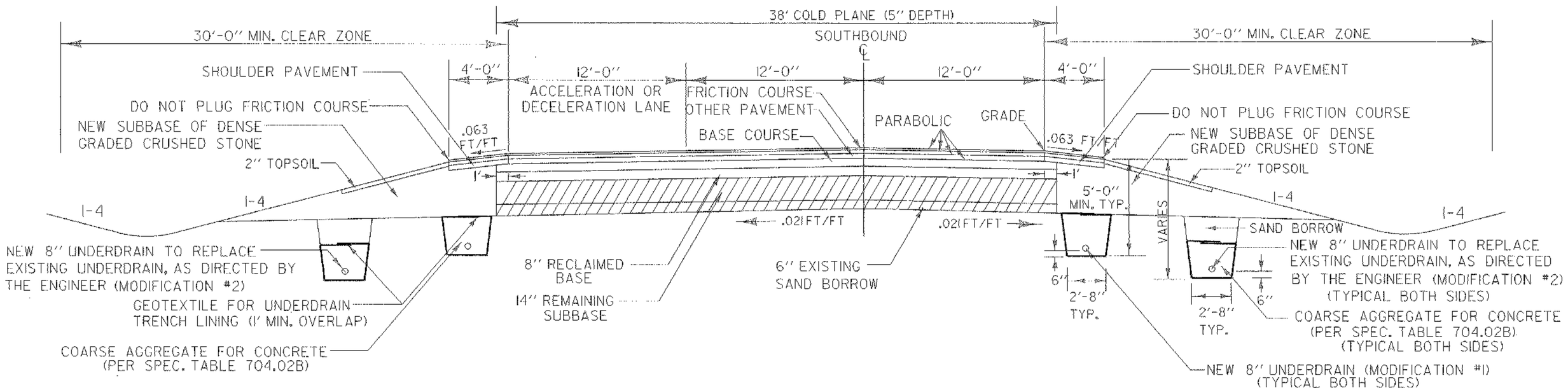
3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III S OVER 2" TYPE II S)

6" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT, TYPE I S (TWO 3" LIFTS)

SHOULDERS: ~~3/4" OPEN GRADED ASPHALT FRICTION COURSE~~

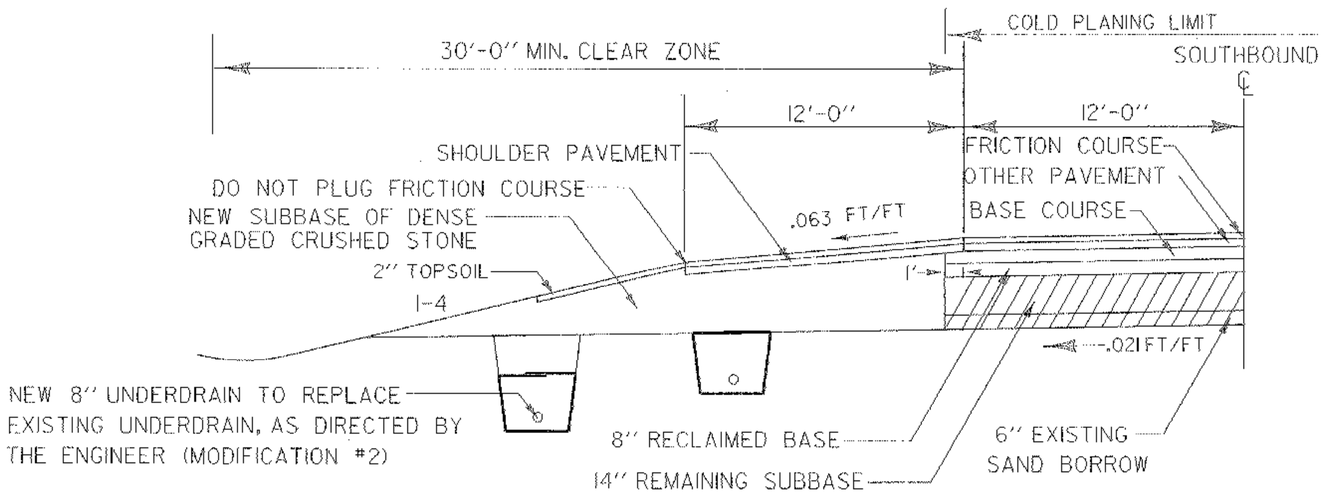
3 1/2" BITUMINOUS CONCRETE PAVEMENT (1 1/2" TYPE III S OVER 2" TYPE II S)

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 1/4"
SUBBASE	± 1"



SHOULDER TREATMENT BETWEEN REST AREA DECELERATION AND ACCELERATION LANES

SB MM 110.88 LT. TO MM 111.00 LT. (SB STA. 3274+00 LT. ~ 3280+34 LT.*)



*STATIONS ARE FROM 1968 "AS BUILT" PLANS.

NOT TO SCALE

PROJECT:	PROJECT NO.:
GEORGIA - FAIRFAX	IM-089-3(26)

DESIGN FILE NAME: /SQDB/87AQ07A/DA007FRM.DGN
IPARM FILE NAME: DA007TY5
SURVEYED BY:
SQUAD LEADER: DELLA SANTA
PLOT DATE: 15-MAY-1997
SURVEY DATE:
DRAWN BY: SQUAD B
SHEET: 8 OF 121

GUARD RAIL ITEM DETAIL SUMMARY SHEET FOR GEORGIA - FAIRFAX IM-089-3(26)

MILE MARKER	MILE MARKER	POS.	AGGREGATE SHOULDERS TON	REPLACE GUARD RAIL BEAM UNIT EA.	ADJUST GUARD RAIL HEIGHT	REPLACE GUARD RAIL POST ASSEMBLY EA.	EARTH BORROW CY	EARTH BORROW CY	TOPSOIL CY	EXIST. CURB LF GRANITE	EXIST. CURB LF BOARD	REMOVAL OF CURB LF	NEW CURB BOARD LF	SNOW BARRIER LF	EXIST. GUARD RAIL (LF) STEEL BEAM	EXIST. GUARD RAIL (LF) CABLE	ALUMINUM APPROACH RAIL EXIST. LF	ALUMINUM APPROACH RAIL NEW LF	GUARD RAIL ITEMS (LF) REMOVAL & DISPOSAL	GUARD RAIL ITEMS (LF) NEW STEEL BEAM GUARD RAIL W/STEEL POSTS	GUARD RAIL ITEMS (EA) MELT	GUARD RAIL ITEMS (EA) REPLACE GUARD RAIL POST ASSEMBLY (WOOD)	DELINEATORS STL.BM. ANCHOR	DELINEATORS AMBER EA.	DELINEATORS WHITE EA.	REMOVAL OF GUIDE POST (MODIFIED)	REMARKS
NORTHBOUND																											
107.30	107.34	LT									40		~~40~~		262.5												STEEL BEAM APPROACH RAIL. RETAIN
107.30	107.34	RT													112.5				112.5	75	1		1				EXISTING TWO RAIL ALUMINUM. SEE SHEET 27 FOR CONSTRUCTION TREATMENT
107.29	107.32	RT															212.5										BRIDGE APPROACH RAIL. RETAIN.
107.34	107.49	LT																									BRIDGE RAIL
107.32	107.49	RT																									BRIDGE RAIL
107.53		LT																	94	70							BETWEEN BRIDGES
107.53	107.54	LT															62.5	~~25~~	62.5	70	1		~~1~~				BRIDGE APPROACH RAIL. REPLACE.
107.53	107.55	RT															112.5	~~25~~	112.5	50			1				BRIDGE APPROACH RAIL. REPLACE.
108.25	108.72	LT													137.5	2120			2067.5 ~~2282~~	375 ~~2487.5~~	~~1~~		~~1~~				REPLACE W/STEEL BEAM W/MELT AT SOUTH END. SLOPE FLATTENED
108.89	109.00	RT													614.5				629 ~~614.5~~	375 ~~612.5~~	1		1				PLACE NEW MELT AT SOUTH END.
108.93	109.00	LT													402				393.5 ~~402~~	~~400~~	~~1~~		~~1~~				PLACE NEW MELT AT SOUTH END. SLOPE FLATTENED
109.10	109.33	LT									270		~~270~~			2796			2590 ~~2796~~	625 ~~1175~~	2 ~~1~~		~~1~~				REPLACE W/STEEL BEAM RAIL, SOUTH END 212.5' FLARE
109.13	109.20	RT														352			320 ~~352~~	462 ~~362.5~~	1		1				REPLACE W/STEEL BEAM RAIL W/MELT ON SOUTH END.
109.30	109.55	LT					(3200) *																				EXISTING G-RAIL TO BE REMOVED, SIDE SLOPE FLATTENED W/EXCESS MATERIAL
109.74	109.94	LT														1140			993 ~~1140~~								CUT SMALL TREES IN CLEAR ZONE, REMOVE CABLE RAIL
110.26	110.30	LT													239.5				204 ~~239.5~~								REMOVE GUARDRAIL NEED BY EXTENDING PIPE.
110.35	110.70	LT														1917			1893 ~~1917~~								REMOVE GUARDRAIL NEED BY EXTENDING PIPE.
IN REST AREA:		LT														490											
IN REST AREA:		RT														75											
SNOW BARRIER BRIDGE #86-N																											
107.46		LT												70													RR TRACKS UNDER. SEE SNOW BARRIER DETAIL SHEETS FOR INSTALLATION.
107.46		RT												70													RR TRACKS UNDER. SEE SNOW BARRIER DETAIL SHEETS FOR INSTALLATION.
NORTHBOUND TOTALS							(3200) *						0 ~~310~~	140				50	~~10030.5~~	5162.5	6		4 ~~7~~				
SOUTHBOUND																											
107.08	107.12	LT													239.5				204 ~~239.5~~								REMOVE GUARD RAIL. PIPE IS OUTSIDE CLEAR ZONE
107.34	107.36	LT											30				112.5										BRIDGE APPROACH RAIL. RETAIN
107.34	107.36	RT															112.5										BRIDGE APPROACH RAIL. RETAIN.
107.36	107.53	RT																									BRIDGE RAIL
107.36	107.53	LT											24								1						BRIDGE RAIL
107.53	107.57	RT													100			~~25~~	265 ~~100~~	225 ~~100~~	1		1				BRIDGE APPROACH RAIL. GUARD RAIL REMOVAL INCLUDES ANCHOR.
107.53	107.70	LT													950			~~25~~	938 ~~950~~	875 ~~900~~	1		1				BRIDGE APPROACH RAIL. GUARD RAIL REMOVAL INCLUDES ANCHOR. NO TAPER.
108.09	108.61	LT									590		~~590~~ 558			3004			2806 ~~3004~~	2452 ~~2750~~	1 ~~2~~		1				REPLACE W/STEEL BEAM
108.47	108.52	RT													239.5				240 ~~239.5~~	402 ~~237.5~~	1		1				NEW MELT ON NORTH END
108.99	109.02	LT													189.5				204 ~~189.5~~	~~187.5~~	~~1~~						NEW MELT ON NORTH END RAIL NOT REPLACED
108.99	109.03	RT													239.5				267 ~~239.5~~	~~237.5~~	~~1~~						NEW MELT ON NORTH END RAIL NOT REPLACED
109.11	110.18	LT									1320		~~1320~~ 990			6008			5734 ~~6008~~	5650	1		1				162.5' FLARE
109.12	109.20	RT													452				466 ~~452~~	302 ~~450~~	1		1				NEW MELT ON NORTH END
110.27	110.32	RT													302				270 ~~302~~	1002 ~~300~~	1		1				212.5' FLARE EXTENDED: NEW MELT NORTH END
110.27	110.32	LT													302				254 ~~302~~								REMOVE GUARDRAIL. PIPE OUTSIDE CLEAR ZONE
SNOW BARRIER BRIDGE #86-S																											
107.46		LT											55 ~~70~~														RR TRACKS UNDER. SEE SNOW BARRIER DETAIL SHEETS FOR INSTALLATION.
107.46		RT											55 ~~70~~														RR TRACKS UNDER. SEE SNOW BARRIER DETAIL SHEETS FOR INSTALLATION.
SOUTHBOUND TOTALS											160 ~~1910~~		110 ~~140~~					50	12026	10812.5	8 ~~10~~		7 ~~2~~				
GRAND TOTALS							(3200) *				160 ~~2220~~		280					100	22056.5	15975	15		9				

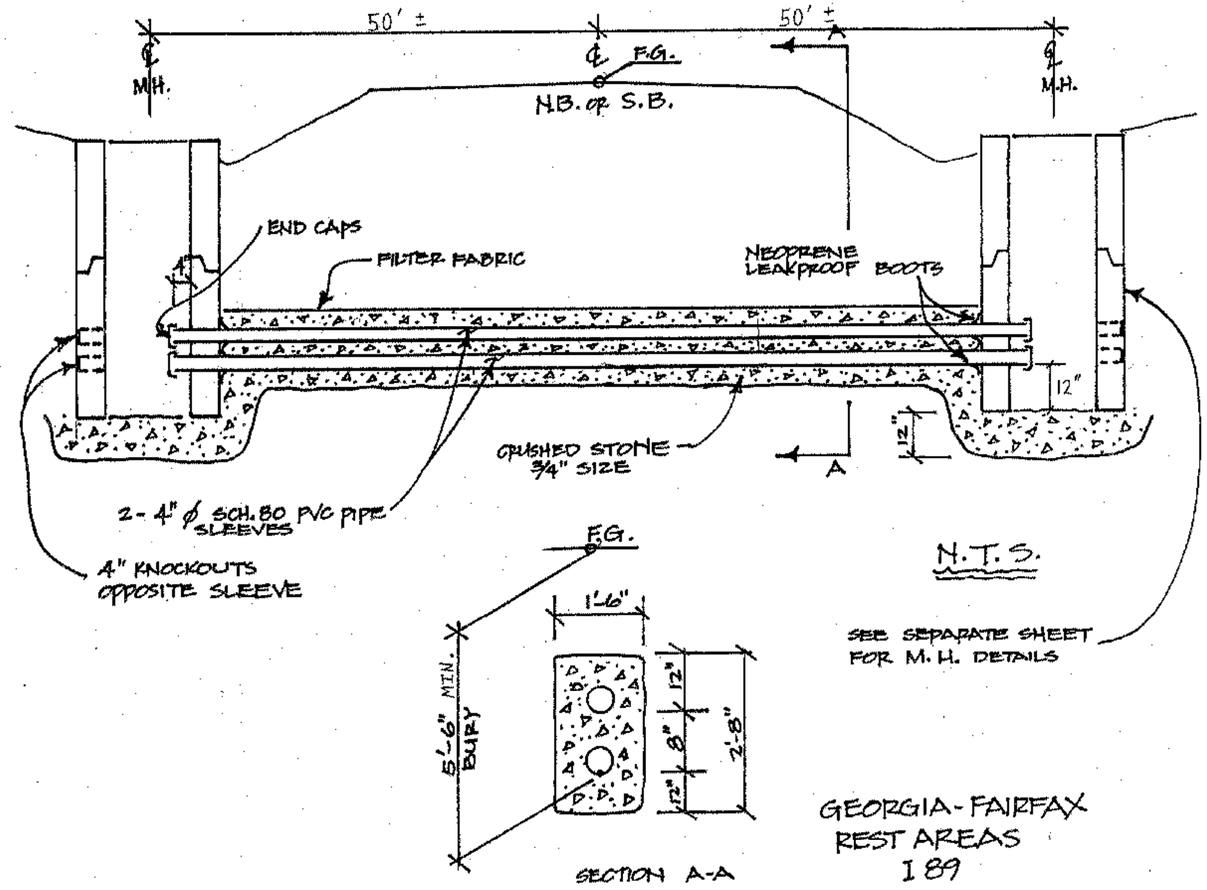
NOTE: REMOVING GUARD RAIL INCLUDES REMOVING HEAVY DUTY ANCHOR POSTS, WHERE APPLICABLE.
*3200 CY OF EARTH BORROW NOT PART OF EARTH BORROW ON QUANTITY SHEET AS THIS EARTH BORROW SHALL COME FROM THIS PROJECT'S EXCAVATED MATERIAL

"REVISED" : JULY 2, 1997 KmL
CHANGED NEW ALUMINUM APPROACH RAILING TOTALS

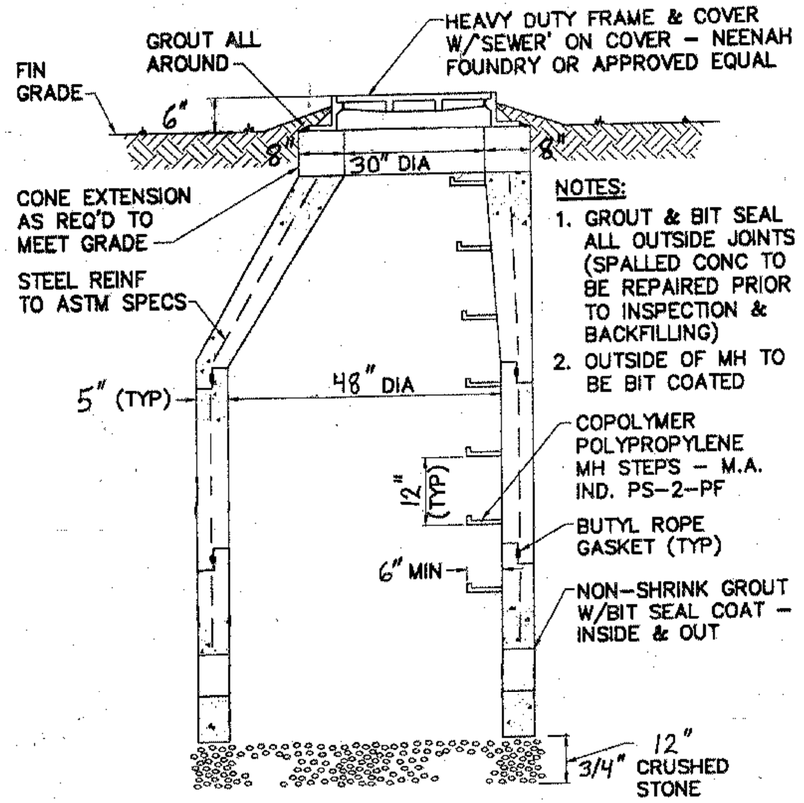
DRAWN BY SQUAD B DATE 4/93
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. /SQDB/87A007A/DA007FRM.DGN
IPARM FILE DA007GRI DATE PLOTTED 2-JUL-1997
PROJ. NAME GEORGIA-FAIRFAX
PROJ. NO. IM-089-3(26)
SHEET 17 OF 121 SHEETS

SEWAGE MANHOLE AND SLEEVE DETAIL

DELETED



GEORGIA - FAIRFAX
REST AREAS
189



SEWAGE AIR RELEASE MANHOLE DETAIL
NOT TO SCALE

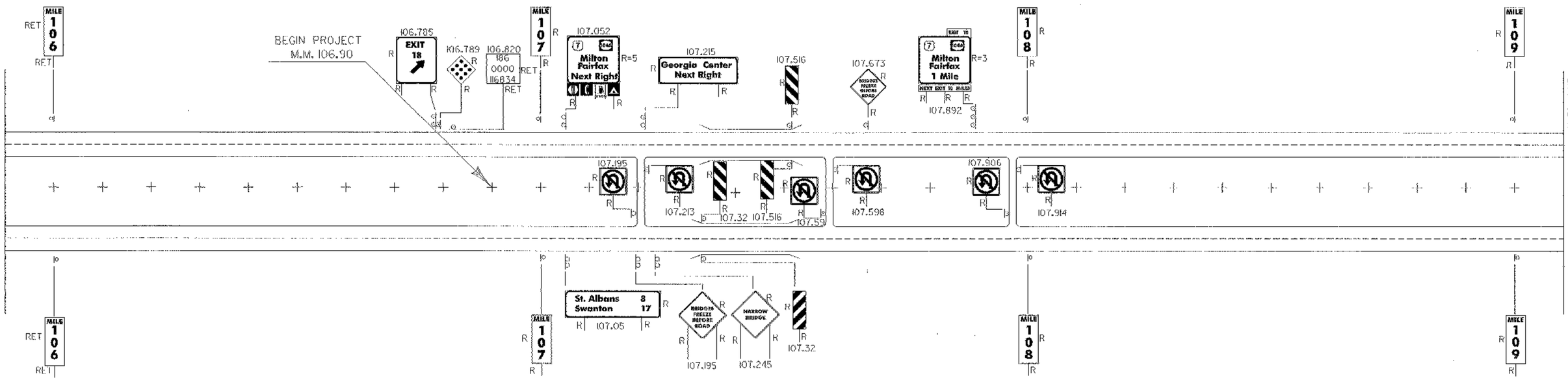
NORTHBOUND AND SOUTHBOUND

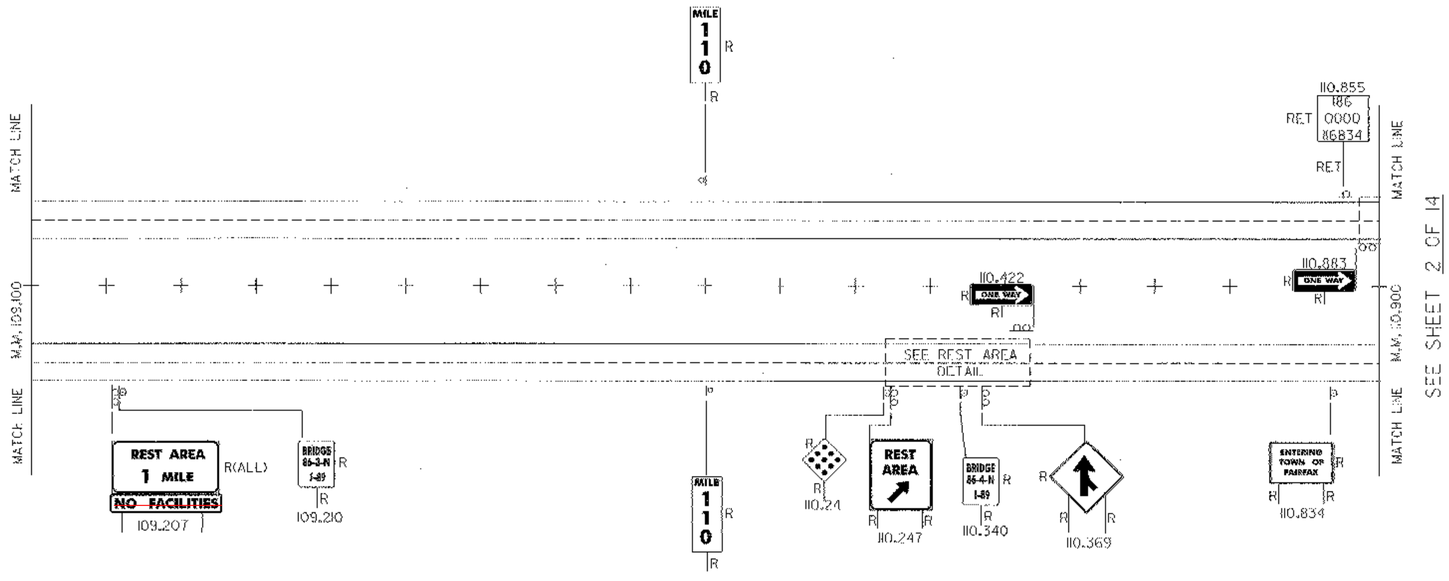
MM 110.32

NOT TO SCALE

APD
"REVISED" : JUNE 30, 1997

PROJECT: GEORGIA - FAIRFAX	PROJECT NO.: IM-089-3(26)
DESIGN FILE NAME: /SODB/87A007A/DA007ERM.DGN IPARM FILE NAME: DA007SEW SURVEYED BY: SQUAD LEADER: DELLA SANTA	PLOT DATE: 30-JUN-1997 SURVEY DATE: DRAWN BY: SQUAD B SHEET: 29A OF 121





SEE SHEET 2 OF 14

NOTE: REMOVE ALL EXISTING DELINEATORS AND MILE POST PLAQUES

LEGEND:
R = REMOVE
RET = RETAIN
S = SALVAGE

NOT TO SCALE

/traf/jhk/IR089-3.dgn
/traf/jhk/tr08911.l

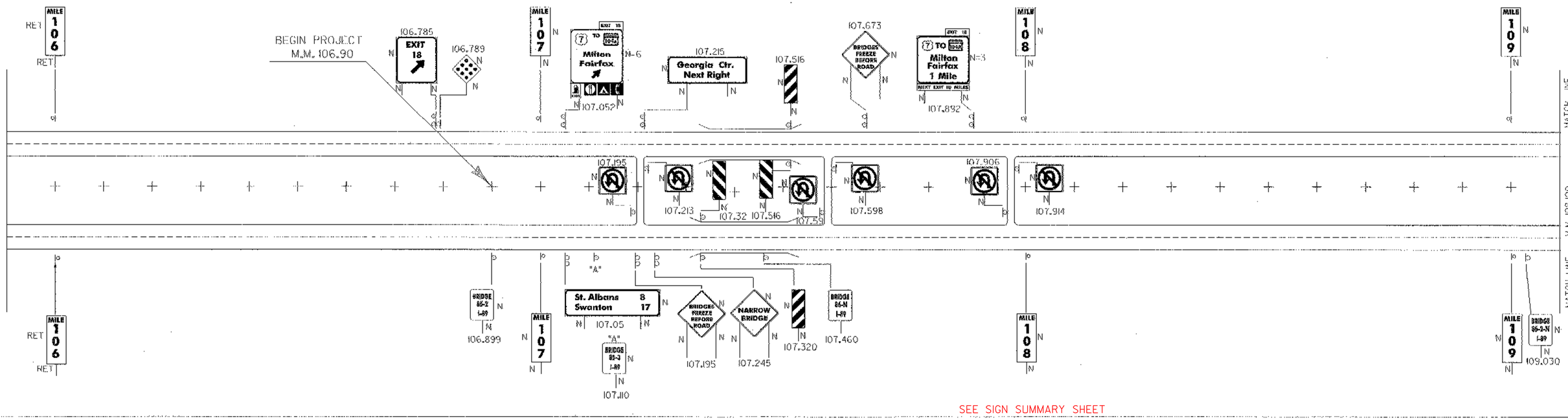
SIGN LAYOUT

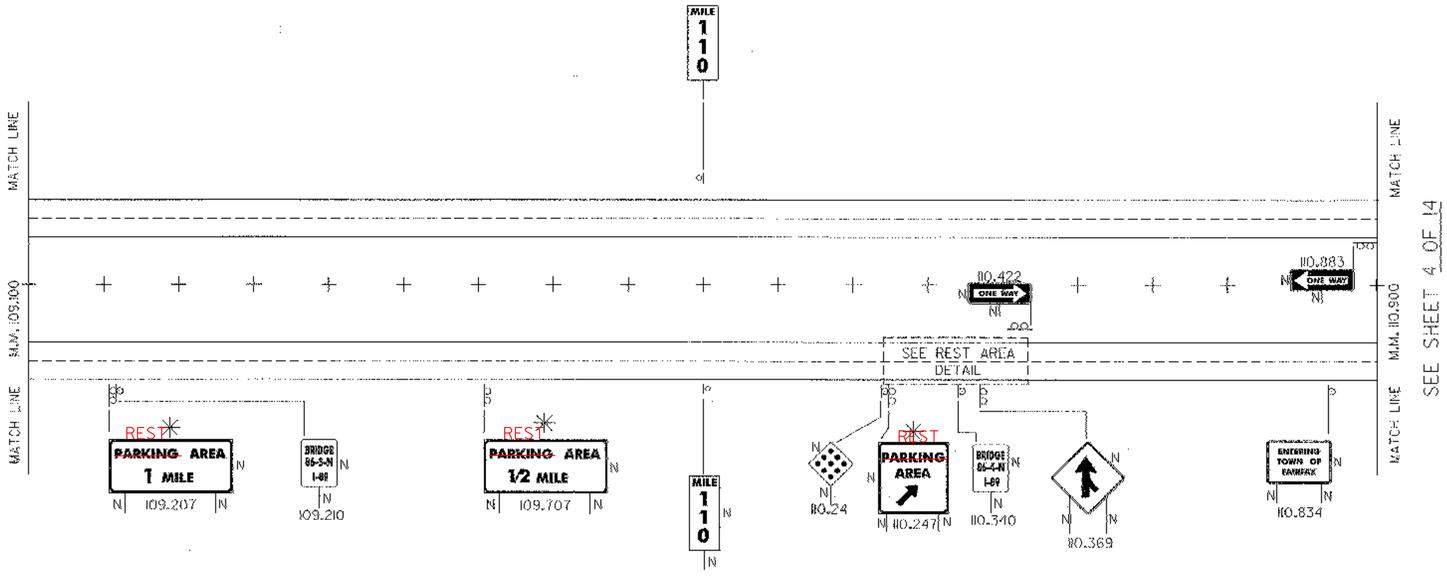
EXISTING SIGNS

PREPARED BY JHK DATE 8/96
CHECKED BY RPD DATE 2/97
DESIGN SUPERVISOR ABK DATE 8/96
PROJ. GEORGIA-FAIRFAX IM-089-3(26)

TRAFFIC SHEET NO. 1 OF 14
SHEET 31 OF 121 SHEETS

M/L LOCATION SHEET | iml.dgn





SEE SHEET 4 OF 14

NOTE: REPLACE ALL DELINEATORS AND MILE POST PLAQUES WITH NEW, REFER TO STANDARDS E-197, E-198 AND E-199 FOR MATERIALS AND PLACEMENT

✳ NOTE:
IT WILL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION WHICH SIGN APPLICATION WILL BE USED FOR THE REST AREA'S. IF THE REST AREA FACILITIES ARE OPEN THEN IT IS SIGNED AS A REST AREA, IF NO FACILITIES IT WILL BE SIGNED AS A PARKING AREA.

LEGEND:
N = NEW
R = REMOVE
RET = RETAIN
S = SALVAGE

NOT TO SCALE

/traf/jhk/IR089-3.dgn
/traf/jhk/ir08913.i

SIGN LAYOUT

NEW SIGNS

PREPARED BY JHK DATE 8/96
CHECKED BY RPD DATE 2/97
DESIGN SUPERVISOR ARK DATE 8/96
PROJ. GEORGIA-FAIRFAX (M-089-3(26)
TRAFFIC SHEET NO. 3 OF 14
SHEET 33 OF 121 SHEETS

M/L LOCATION SHEET | iml.dgn

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																					REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			TUBULAR STEEL Ø (in)					W-SHAPE STEEL FTG. SIZE				SIGN REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75 2.30	2.0 2.65	2.5 3.35			3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	24"	30"	WEIGHT	POST SIZE			
	NB I-89 MAINLINE																																	
NB 106.899	BRIDGE 86-2 I-89	1	6"	8"	.33						1	~~X~~	9		X			1															VD-701		E-134
NB 107.000	MILE 107	1	12"	48"	4						1			X 36			X	1															D10-3		E-139
NB 107.110	BRIDGE 86-2 I-89	1	6"	8"	.33						1	~~X~~	9		X			1															VD-701		E-134
NB 107.050	St. Albans 8 Swanton 17	1	156"	54"		58.5					2												2			351 X							J1	
NB 107.195 LT		1	36"	36"	9						2			X 90			X	2															R3-4		E-143
NB 107.195 RT.	BRIDGES ENDS BEFORE ROAD	1	48"	48"	16						2									~~X~~			2	214.7 X									VW-005		E-150
NB 107.245	NARROW BRIDGE	1	36"	36"	9						2			X 84			X	2															W5-2		E-154
NB 107.320 LT		1	12"	36"	3						1			X 30			X	1															OM-3		E-120
NB 107.320 RT.		1	12"	36"	3						1			X 30			X	1															OM-3		E-120
NB 107.460 RT.	BRIDGE 86-N I-89	1	6"	8"	.33						1	~~X~~	9		X			1															VD-701		E-134
NB 107.590 LT		1	36"	36"	9						2			X 84			X	2															R3-4		E-143
NB 107.906 LT.		1	36"	36"	9						2			X 90			X	2															R3-4		E-143
NB 108.000	MILE 108	1	12"	48"	4						1			X 36			X	1															D10-3		E-139
NB 109.000	MILE 109	1	12"	48"	4						1			X 36			X	1															D10-3		E-139
NB 109.030	BRIDGE 86-2-N I-89	1	6"	8"	.33						1	~~X~~	9		X			1															VD-701		E-134
												LB ~~35.84~~	LB 36	LB ~~516~~ 483	LB 35.84	LB	LB 483	EA 17	LB	LB ~~31.2~~	LB	LB		LB 214.7	LB	LB ~~291.6~~ 351	LB						
TOTALS		SF 71.32	SF 58.5	EA.	SF							LB ~~518.84~~ 552			LB 518.84					LB ~~31.2~~			EA. 2	LB ~~291.6~~ 565.7				EA.	EA.	LB				

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."

PROJECT: GEORGIA-FAIRFAX	PROJECT NO.: IM-089-3 (26)
DESIGN FILE NAME: IR089-3.DGN	
IPARM FILE NAME: /TRAF/JHK/Tr089tsl.i	PLOT DATE: 10-JUL-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: ABK	DRAWN BY: JHK
TRAFFIC SHEET NO. 6 OF 14	SHEET: 36 OF 121

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 2.30	2.0 2.65	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	NB I-89 MAINLINE CONT.																																		
NB 109.207	REST PARKING AREA 1 MILE	1	120"	60"		50					2												2				X 350.4							13	
NB 109.210	BRIDGE B6-3-N I-89	1	6"	8"	.33						1	X			X			1														VD-701		E-134
NB 109.707	REST PARKING AREA 1/2 MILE	1	120"	60"		50					2												2				X 365							13	
NB 110.000	MILE 110	1	12"	48"	4						1			X 36			X	1														DIO-3		E-139
NB 110.240		1	18"	18"	2.25						1			X 30			X	1														OM-1		E-150
NB 110.247	REST PARKING AREA	1	78"	78"		42.25					2												2		X 261									13	
NB 110.340	BRIDGE B6-4-N I-89	1	6"	8"	.33						1	X			X			1														VD-701		E-134
NB 110.369		1	48"	48"	16						2									~~X~~			2		209							W4-1		E-150
NB 110.422 LT	ONE WAY	1	36"	12"	3						1			X 36			X	1														R6-1R		E-142
NB 110.834	ENTERING TOWN OF FAIRFAX	1	36"	24"	6						1			X 42			X	1																E-131
NB 111.000	MILE 111	1	12"	48"	4						1			X 36			X	1														DIO-3		E-139
NB 111.50 LT. & RT.		2	36"	36"	18						4			168																				
NB 107.35 LT. & RT.		2	48"	48	32						4			219																				

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	SF	SF	EA.	SF		LB	LB	LB	EA.	LB	EA.	EA.	LB
	~~35.91~~ 85.91	142.25				~~185.92~~ 585.0	185.92	36.4	6	742			

LB: ~~17.92~~ 18 ~~168~~ 567 | 17.92 | 168 | EA: 7 | LB: 36.4 | LB: 162 | LB: 580

PROJECT: GEORGIA-FAIRFAX	PROJECT NO.: IM-089-3 (26)
DESIGN FILE NAME: /TRAF/JHK/TR089-3.DGN	
PARM FILE NAME: /TRAF/JHK/Tr089ts2.1	PLOT DATE: 16-MAY-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: ABK	DRAWN BY: JHK
TRAFFIC SHEET NO. 7 OF 14	SHEET: 37 OF 121

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.42	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 2.30	2.0 2.65	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	NB I-89 REST AREA (PARKING AREA)																																		
	WRONG WAY / WRONG WAY	2	36"	24"	6						2			X			X	2															R5-1A		E-143
			36"	24"	6																															
	PROHIBITED	1	30"	24"	5																											VR-032	MOUNT ON LIGHT POLE USE STAINLESS STEEL BANDS AND CLAMPS		E-144
	DO NOT ENTER / DO NOT ENTER	2	30"	30"	6.25						2			X			X	2															R5-1		E-143
			30"	30"	6.25	(RAC)																														
	CARS / TRUCKS BUSES	2	24"	24"	4	(RAC)																											MOUNT ON LIGHT POLE USE STAINLESS STEEL BANDS AND CLAMPS	12	
			30"	24"	5	(RAC)																												12	
	PROHIBITED / ALL DOGS MUST BE ON LEASH	2	24"	36"	6	(RAC)																											VR-023 MOUNT ON LIGHT POLE USE STAINLESS STEEL BANDS AND CLAMPS		E-144
			24"	24"	4																											VR-541		E-144
	RESERVED PARKING / RESERVED PARKING	2	12"	18"	1.5	(RAC)					2			X			X	2	2														R7-8M	12	
			12"	18"	1.5	(RAC)																														
	SAFETY BELTS REQUIRED	1	24"	30"	5	(RAC)					1			X			X	1															VR-601A	12	
		1	36"	36"	9	(RAC)																											R3-2 MOUNT ON LIGHT POLE USE STAINLESS STEEL BANDS AND CLAMPS		E-143
	WALK DOGS HERE	1	12"	18"	1.5	(RAC)					1			X			X	1															VR-541		E-144
	VIETNAM VETERANS MEMORIAL HIGHWAY	1	30"	36"	7.5																												VG-106 MOUNT ON LIGHT POLE USE STAINLESS STEEL BANDS AND CLAMPS	12	
	(RAC)= REST AREA CONTRACT																																		
												LB	LB	LB 250.5	LB	LB	LB 250.5	EA 8	EA 2	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 74.5	SF	EA.	SF				LB 250.5			LB 250.5					LB			EA.	LB				EA.	EA.	LB					
	GRAND TOTAL N.B.				181.73	200.75						955.26			955.26					67.6			8	1033.6										

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."

PROJECT: GEORGIA-FAIRFAX	PROJECT NO.: IM-089-3 (26)
DESIGN FILE NAME: IR089-3	
IPARM FILE NAME: Ir089ts5.1	PLOT DATE: 16-MAY-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER:	DRAWN BY: JHK
TRAFFIC SHEET NO. 8 OF 14	SHEET: 38 OF 121

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 2.30	2.0 lb/ft 2.65	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REFRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	SB I-89 MAINLINE																																			
SB 111.000	MILE 111	1	12"	48"	4						1			X 36			X	1																D10-3		E-139
SB 110.919		1	48"	48"	16						2									~~X~~			2	231.8									W4-1		E-150
SB 110.941	ENTERING TOWN OF GEORGIA	1	36"	24"	6						1			X 42			X	1																	E-131
SB 110.883 LT.	ONE WAY	1	36"	12"	3						~~1~~ 2			X 84			X	1																R6-1R		E-142
SB 110.000	MILE 110	1	12"	48"	4						1			X 36			X	1																D10-3		E-139
SB 109.000	MILE 109	1	12"	48"	4						1			X 36			X	1																D10-3		E-139
SB 108.000	MILE 108	1	12"	48"	4						1			X 36			X	1																D10-3		E-139
SB 107.914 LT.		1	36"	36"	9						~~1~~ 2			X 48			X	1																R3-4		E-143
SB 107.892	EXIT 18	1	96"	30"	20																															E-131
	Milton Fairfax 1 Mile	1	162"	156"		175.5					2																		X		~~1222~~ 1228.5	10X26		SET BOLT TENSION TO 33.129 KIPS	14	
	NEXT EXIT 10 MILES	1	96"	24"	16																															E-131
SB 107.673	BRIDGE FREEZE BEFORE ROAD	1	48"	48"	16						2			X 108						~~X~~														VW-005		E-150
SB 107.598 LT.		1	36"	36"	9						1			X 48			X	1																RD-4		E-143
SB 107.516 RT.		1	12"	36"	3						1			X 36			X	1																OM-3		E-120
												LB	LB	LB 360	LB	LB	LB 360	EA 9	LB	LB 72.8	LB	LB		LB 231.8	LB	LB	LB								
												LB ~~360~~ 510			LB 360					LB 72.8			EA. 2	LB				EA. 2	EA.	LB ~~1222~~ 1229					
	TOTALS				SF ~~111~~ 114	SF 175.5	EA.	SF																													

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."

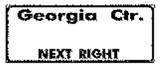
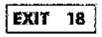
PROJECT: GEORGIA-FAIRFAX
PROJECT NO.: IM-089-3 (26)

DESIGN FILE NAME: /TRAF/JHK/IR089-3.DGN
IPARM FILE NAME: /TRAF/JHK/ir089ts3.I
SURVEYED BY:
SQUAD LEADER: ABK
TRAFFIC SHEET NO. 9 OF 14

PLOT DATE: 16-MAY-1997
SURVEY DATE:
DRAWN BY: JHK
SHEET: 39 OF 121

STATE OF VERMONT
AGENCY OF TRANSPORTATION

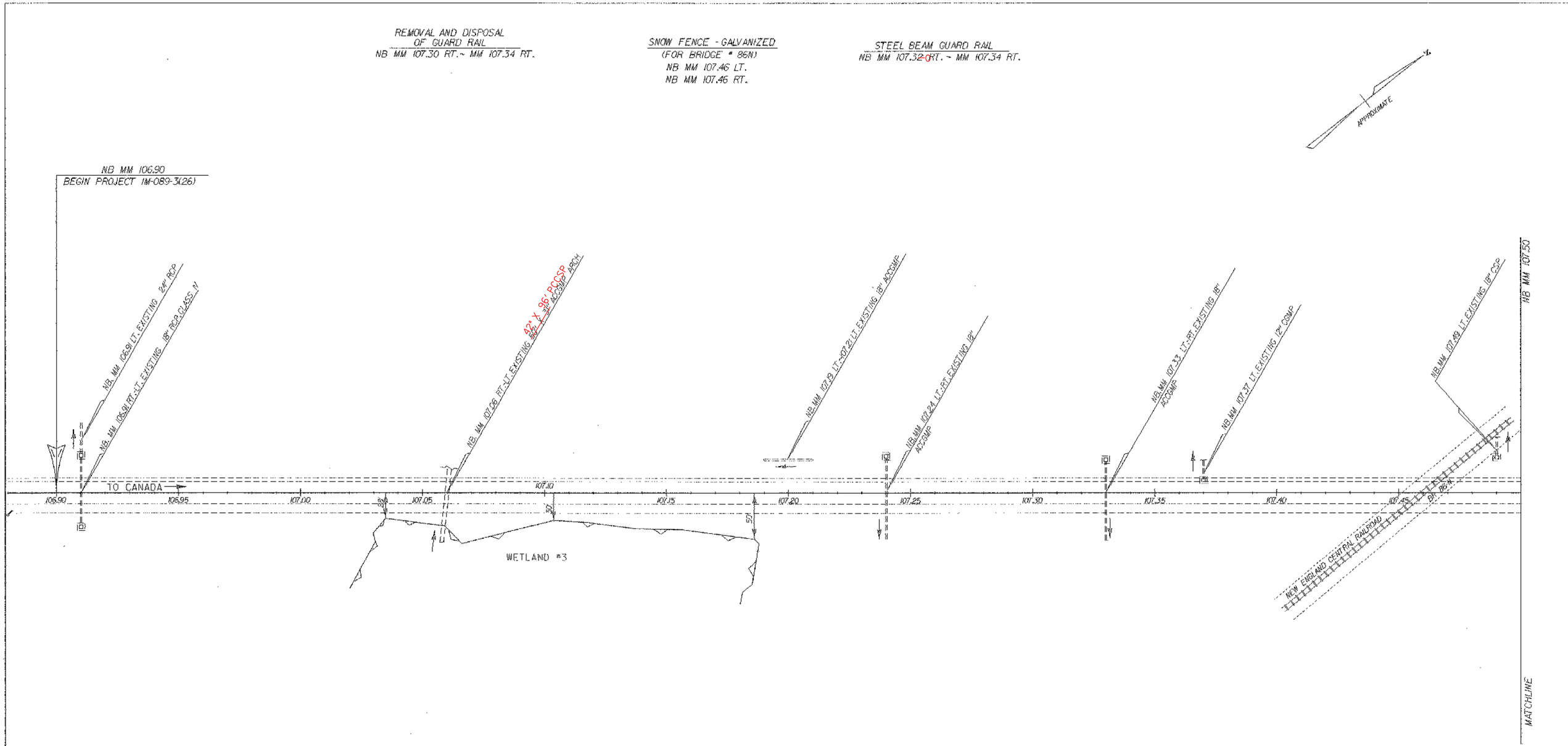
TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 2.30	2.0 2.65	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	SB I-89 MAINLINE CONT.																																		
SB 107.516 LT.		1	12"	36"	3						1			X 36			X	1																OM-3		E-120
SB 107.215		1	174"	66"		94.25					2																	X		420 337	6X12		SET BOLT TENSION TO 12.02	11	
SB 107.213 LT.		1	36"	36"	9						1			X 48			X	1																R3-4		E-120
SB 107.052			96"	30"	20																														E-131
		1	162"	168"		189					2																		X	~~1500~~ 1507.5	12X30		SET BOLT TENSION TO 32.164	11	
		4	24" 24" 24" 24"	30" 24" 24" 24"	17																														E-132
SB 107.00		1	12"	48"	4						1			X 36			X	1																D10-3		E-139
SB 106.789		1	18"	18"	2.25						1			X 36			X	1																OM-1		E-150
SB 106.785		1	72"	60"		30					~~2~~												2		X 256.5										E-131
SB 111.0 +-		1	78"	78"		42.25					2												2		270.0										
	TEMPORARY SIGNS				195	140								960																						

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."

	SF	SF	EA.	SF	LB	LB	LB	LB	LB	LB	EA	LB	LB	LB	LB	LB	LB	LB	LB	EA.	EA.	LB	
TOTALS	55.25	313.25			~~136.5~~ 1116			136.5				72.8			~~2~~ 4	~~162~~ 526.5				2	2	~~1920~~ 3142	1895 3123
GRAND TOTAL S.B.	166.25	488.75			~~496.50~~ 1626			496.50				72.8			~~2~~	~~162~~				4	2		

PROJECT: GEORGIA-FAIRFAX	PROJECT NO.: IM-089-3 (26)
DESIGN FILE NAME: /TRAF/JHK/IR089-3.DGN	
IPARM FILE NAME: /TRAF/JHK/IR089TS4.I	PLOT DATE: 16-MAY-1997
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: ABK	DRAWN BY: JHK
TRAFFIC SHEET NO. 10 OF 14	SHEET: 40 OF 121



NORTHBOUND
MM 106.90 ~ 107.50

SURVEYED BY		DATE	
DRAWN BY	SQUAD B	DATE	
SQUAD LEADER	DELLA SANTA		
DESIGN FILE NO.	/SQDB/87A007A/DA007A.DGN		
IPARM FILE	DA007L01	DATE PLOTTED	18-MAR-1997
PROJ. NAME	GEORGIA - FAIRFAX		
PROJ. NO.	IM-089-3(26)		
SHEET 47 OF 121 SHEETS			

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

8" UNDERDRAIN (MODIFICATION #1)

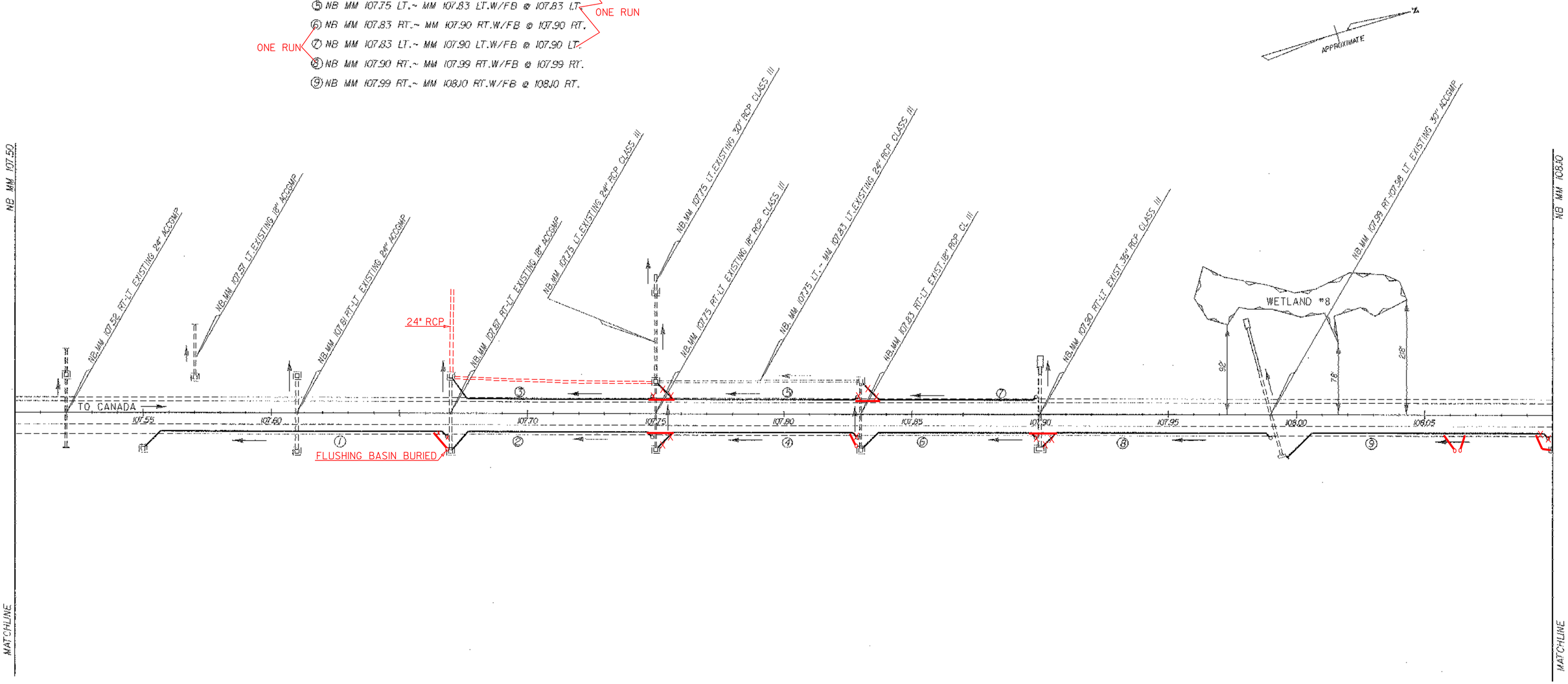
① NB MM 107.55 RT.~ MM 107.67 RT.W/FB @ 107.67 RT.
② NB MM 107.67 RT.~ MM 107.75 RT.W/FB @ 107.75 RT.
③ NB MM 107.67 LT.~ MM 107.75 LT.W/FB @ 107.75 LT.
④ NB MM 107.75 RT.~ MM 107.83 RT.W/FB @ 107.83 RT.
⑤ NB MM 107.75 LT.~ MM 107.83 LT.W/FB @ 107.83 LT.
⑥ NB MM 107.83 RT.~ MM 107.90 RT.W/FB @ 107.90 RT.
⑦ NB MM 107.83 LT.~ MM 107.90 LT.W/FB @ 107.90 LT.
⑧ NB MM 107.90 RT.~ MM 107.99 RT.W/FB @ 107.99 RT.
⑨ NB MM 107.99 RT.~ MM 108.10 RT.W/FB @ 108.10 RT.

ONE RUN (①②③④)
ONE RUN (⑤⑥⑦⑧⑨)

STEEL BEAM GUARD RAIL
NB MM 107.54 RT.~ MM 107.55 RT.

GUARD RAIL APPROACH SECTION,TYPE I MOD
NB MM 107.53 LT.~ MM 107.54 LT.
NB MM 107.53 RT.~ MM 107.54 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL
NB MM 107.53 LT.~ MM 107.54 LT.
NB MM 107.53 RT.~ MM 107.55 RT.



NORTHBOUND
MM 107.50 ~ 108.10

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

SURVEYED BY _____ DATE _____
DRAWN BY SQUAD B DATE _____
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. /SODB/87A007A/DA007A.DGN
IPARM FILE DA007L02 DATE PLOTTED 20-MAR-1997
PROJ. NAME GEORGIA - FAIRFAX
PROJ. NO. IM-089-3(26)
SHEET 48 OF 121 SHEETS

8" UNDERDRAIN (MODIFICATION #1)

ONE RUN
- (10) NB MM 108.10 RT.~ MM 108.17 RT.W/FB @ 108.10 RT.
- (11) NB MM 108.10 LT.~ MM 108.17 LT.W/FB @ 108.10 LT.
- (12) NB MM 108.17 RT.~ MM 108.29 RT.W/FB @ 108.17 RT.
- (13) NB MM 108.17 LT.~ MM 108.29 LT.W/FB @ 108.17 LT.

ONE RUN

BURIED (14) NB MM 108.29 RT.~ MM 108.38 RT.W/FB @ 108.29 RT.

(15) NB MM 108.38 RT.~ MM 108.47 RT.W/FB @ 108.38 RT.

BURIED (16) NB MM 108.47 RT.~ MM 108.55 RT.W/FB @ 108.47 RT.

BURIED (17) NB MM 108.55 RT.~ MM 108.63 RT.W/FB @ 108.55 RT.

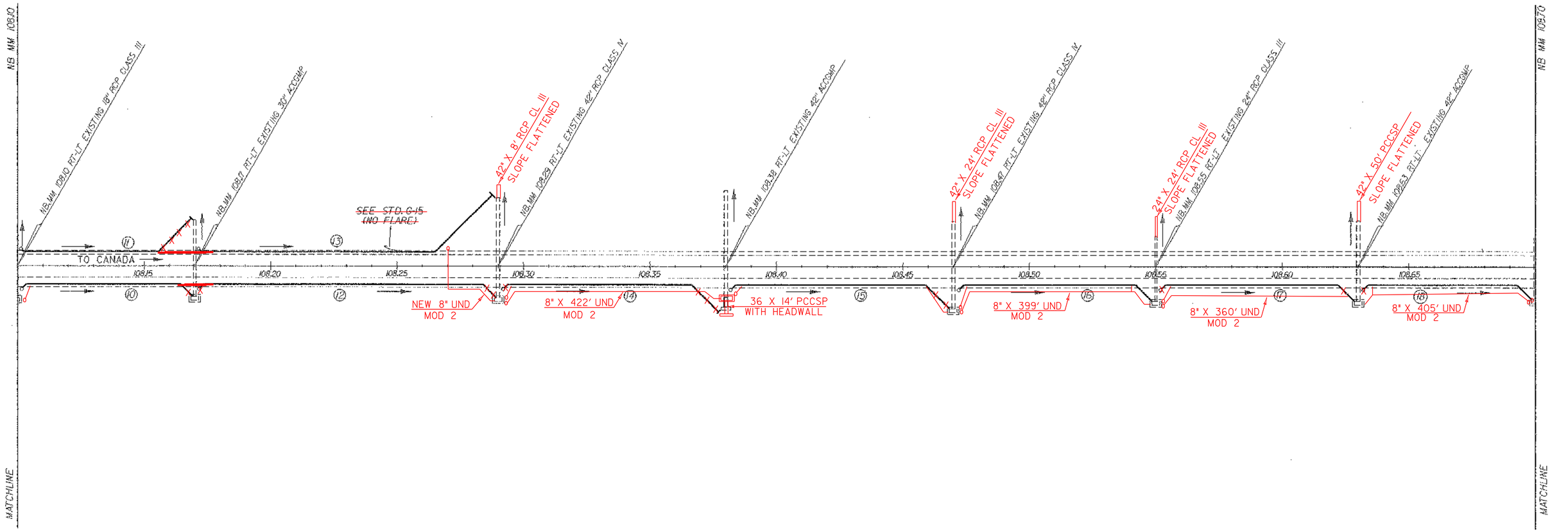
(18) NB MM 108.63 RT.~ MM 108.70 RT.W/FB @ 108.63 RT.

FB @ 108.70 LT BURIED

~~STEEL BEAM GUARD RAIL~~
~~NB MM 108.25 LT.~ MM 108.70 LT.~~

REMOVAL AND DISPOSAL
OF GUARD RAIL
NB MM 108.25 LT.~ MM 108.70 LT.





NORTHBOUND
MM 108.10 ~ 108.70

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

SURVEYED BY _____ DATE _____
DRAWN BY SQUAD B DATE _____
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. /SQDB/87A007A/DA007A.DGN
IPARM FILE DA007L03 DATE PLOTTED 20-MAR-1997
PROJ. NAME GEORGIA - FAIRFAX
PROJ. NO. IM-089-3(26)
SHEET 49 OF 121 SHEETS

8" UNDERDRAIN CARRIER PIPE (MODIFICATION #1)

(24) NB MM 108.99 RT. W/FB @108.99 RT.
(28) NB MM 109.25 RT. W/FB @ 109.25 RT.
(29) NB MM 109.25 RT. W/FB @ 109.25 RT.
(31) ~~NB MM 108.99 LT. W/FB @108.99 LT.~~
(33) ~~NB MM 109.06 LT. W/FB @ 109.06 LT.~~
(35) NB MM 109.20 LT. W/FB @ 109.20 LT.
(37) NB MM 109.25 LT. W/FB @ 109.25 LT.

8" UNDERDRAIN (MODIFICATION #1)

(19) NB MM 108.70 RT.~ MM 108.81 RT. W/FB @ ~~108.70 RT.~~ 108.81 RT BURIED
(20) NB MM 108.81 RT.~ MM 108.91 RT. W/FB @ 108.81 RT.
(21) NB MM 108.85 LT.~ MM 108.91 LT. W/FB @ ~~108.85 LT.~~
(22) NB MM 108.91 LT.~ MM 108.95 LT. W/FB @ ~~108.95 LT.~~
(23) NB MM 108.91 RT.~ MM 108.99 RT. W/FB @ 108.99 RT. BURIED
(25) NB MM 108.99 RT.~ MM 109.06 RT. W/FB @ 109.06 RT. BURIED
(26) NB MM 109.06 RT.~ MM 109.20 RT. W/FB @ 109.20 RT.
(27) NB MM 109.20 RT.~ MM 109.25 RT. W/FB @ 109.25 RT.
(30) NB MM 109.25 RT.~ MM 109.30 RT. W/FB @ 109.30 RT.
(32) NB MM 108.99 LT.~ MM 109.06 LT. W/FB @ ~~109.06 LT.~~
(34) NB MM 109.06 LT.~ MM 109.19 LT. W/FB @ 109.19 LT.
(36) NB MM 109.20 LT.~ MM 109.25 LT. W/FB @ 109.20 LT.
(38) NB MM 109.25 LT.~ MM 109.30 LT. W/FB @ 109.30 LT.

ONE RUN
8" X 842' UND
MOD 1

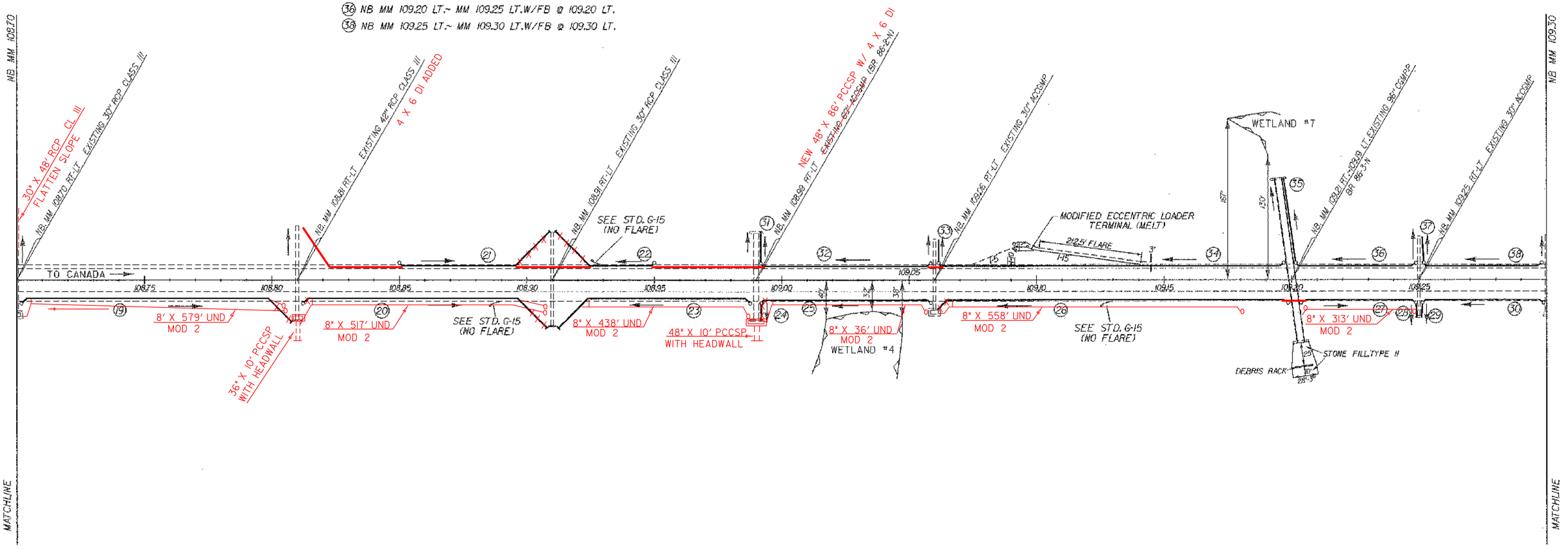
STEEL BEAM GUARD RAIL

~~NB MM 108.70 LT.~ MM 108.72 LT.~~
NB MM 108.89 RT.~ MM ~~109.00~~ 108.96 RT.
NB MM 108.93 LT.~ MM 109.00 LT.
NB MM 109.~~10~~09 LT.~ MM 109.30 LT.
NB MM 109.~~13~~20 RT.~ MM 109.20 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

NB MM 108.70 LT.~ MM 108.72 LT.
NB MM 108.89 RT.~ MM 109.00 RT.
NB MM 108.93 LT.~ MM 109.00 LT.
NB MM 109.10 LT.~ MM 109.30 LT.
NB MM 109.13 RT.~ MM 109.20 RT.

APPROXIMATE



NORTHBOUND
MM 108.70 ~ 109.30

NOT TO SCALE

SURVEYED BY		DATE
DRAWN BY	SQUAD B	DATE
SQUAD LEADER	DELLA SANTA	
DESIGN FILE NO.	/SODB/87A007A/DA007A.DGN	
IPARM FILE	DA007L04	DATE PLOTTED 26-MAR-1997
PROJ. NAME	GEORGIA - FAIRFAX	
PROJ. NO.	IM-089-3(26)	
SHEET 50 OF 121 SHEETS		

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

8" UNDERDRAIN CARRIER PIPE (MODIFICATION #1)

(39) NB MM 109.30 RT.W/FB @ 109.30 RT.

(48) NB MM 109.30 LT. W/FB @ 109.30 LT.

~~(50) NB MM 109.39 LT.W/FB @ 109.39 LT.~~

~~(52) NB MM 109.47 LT.W/FB @ 109.47 LT.~~

8" UNDERDRAIN (MODIFICATION #1)

(40) NB MM 109.30 RT.~ MM 109.39 RT.W/FB @ 109.39 RT. BURIED

(41) NB MM 109.39 RT.~ MM 109.47 RT.W/FB @ 109.47 RT. BURIED

(42) NB MM 109.47 RT.~ MM 109.56 RT.W/FB @ 109.56 RT.

(43) NB MM 109.56 RT.~ MM 109.63 RT.W/FB @ 109.63 RT. BURIED

(44) NB MM 109.63 RT.~ MM 109.70 RT.W/FB @ 109.70 RT. BURIED

(45) NB MM 109.70 RT.~ MM 109.77 RT.W/FB @ 109.77 RT. BURIED

(46) NB MM 109.77 RT.~ MM 109.84 RT.W/FB @ 109.84 RT. BURIED

(47) NB MM 109.84 RT.~ MM 109.91 RT.W/FB @ 109.91 RT. BURIED

(49) NB MM 109.30 LT.~ MM 109.39 LT.W/FB @ 109.39 LT.

(51) NB MM 109.39 LT.~ MM 109.47LT.W/FB @ 109.47 LT.

(53) NB MM 109.47 LT.~ MM 109.50 LT.W/FB @ 109.50 LT.

ONE RUN

STEEL BEAM GUARD RAIL

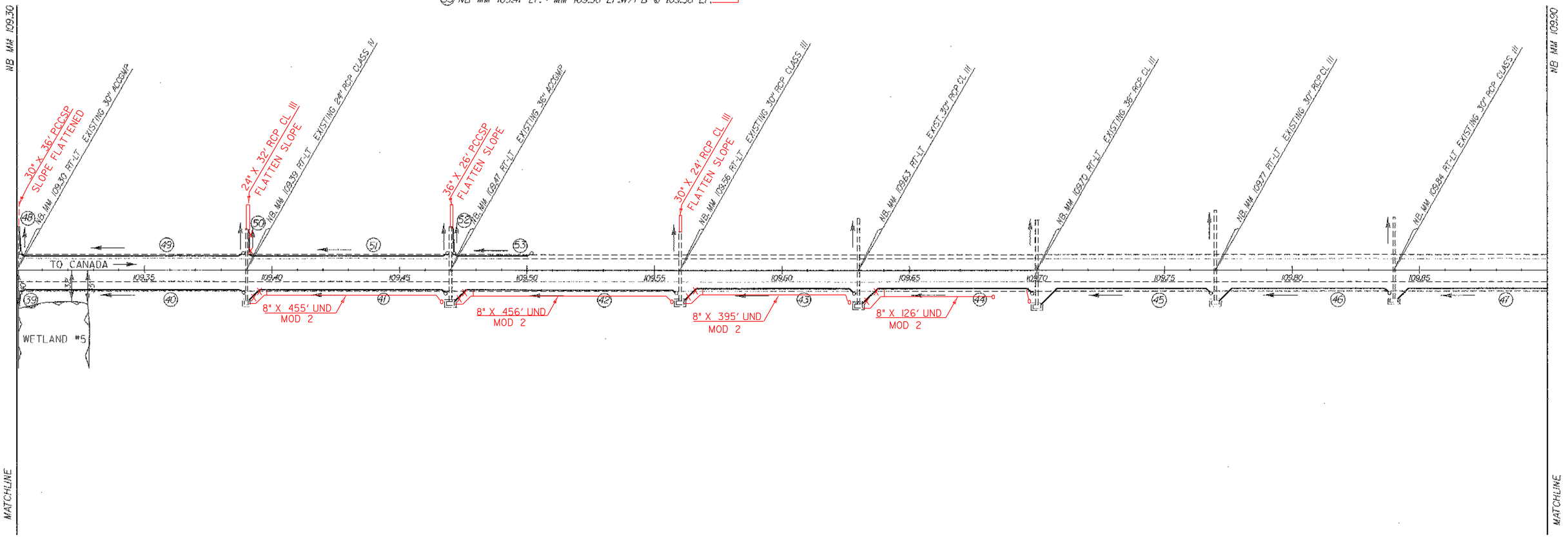
NB MM 109.30 LT.~ MM ~~109.33~~ 109.60 LT.

REMOVAL AND DISPOSAL OF GUARD RAIL

NB MM 109.30 LT.~ MM 109.55 LT.

NB MM 109.74 LT.~ MM 109.90 LT.

APPROXIMATE



NORTHBOUND
MM 109.30 ~ 109.90

SURVEYED BY		DATE
DRAWN BY	SQUAD 8	DATE
SQUAD LEADER	DELLA SANTA	
DESIGN FILE NO.	/SQDB/87A007A/DA007A.DGN	
IPARM FILE	DA007L05	DATE PLOTTED 26-MAR-1997
PROJ. NAME	GEORGIA - FAIRFAX	
PROJ. NO.	IM-089-3(26)	
SHEET 51 OF 121 SHEETS		

DATUM

VERTICAL N/A

HORIZONTAL N/A

NOT TO SCALE

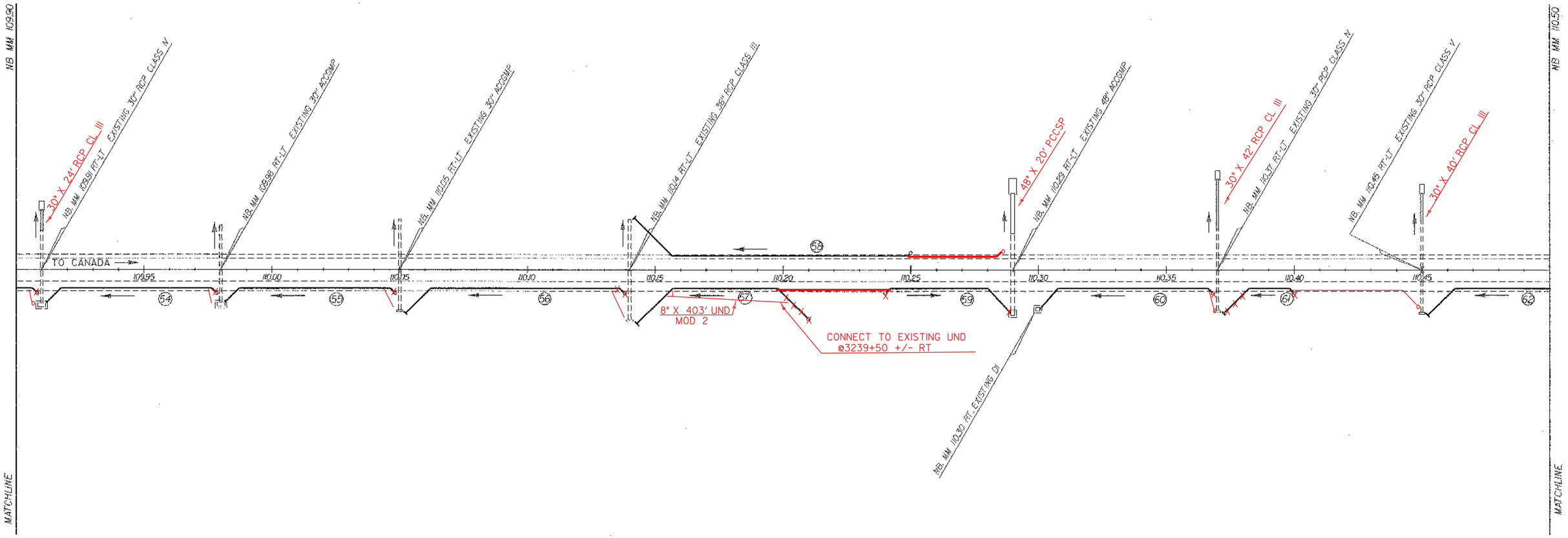
8" UNDERDRAIN (MODIFICATION #1)

(54) NB MM 109.91 RT.~ MM 109.98 RT.W/FB @ 109.98 RT. BURIED
(55) NB MM 109.98 RT.~ MM 110.05 RT.W/FB @ 110.05 RT.
(56) NB MM 110.05 RT.~ MM 110.14 RT.W/FB @ 110.14 RT.
(57) NB MM 110.14 RT.~ MM 110.21 RT.W/FB @ 110.21 RT.
(58) NB MM 110.14 LT.~ MM 110.25 LT.W/FB @ 110.25 LT.
(59) NB MM 110.24 RT.~ MM 110.29 RT.W/FB @ 110.24 RT.
(60) NB MM 110.30 RT.~ MM 110.37 RT.W/FB @ 110.37 RT. BURIED
(61) NB MM 110.37 RT.~ MM 110.40 RT.W/FB @ 110.40 RT.
(62) NB MM 110.45 RT.~ MM 110.50 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

NB MM 109.90 LT.~ MM 109.94 LT.
NB MM 110.26 LT.~ MM 110.30 LT.
NB MM 110.35 LT.~ MM 110.50 LT.

APPROXIMATE



NORTHBOUND
MM 109.90 ~ 110.50

DATUM
VERTICAL N/A
HORIZONTAL N/A

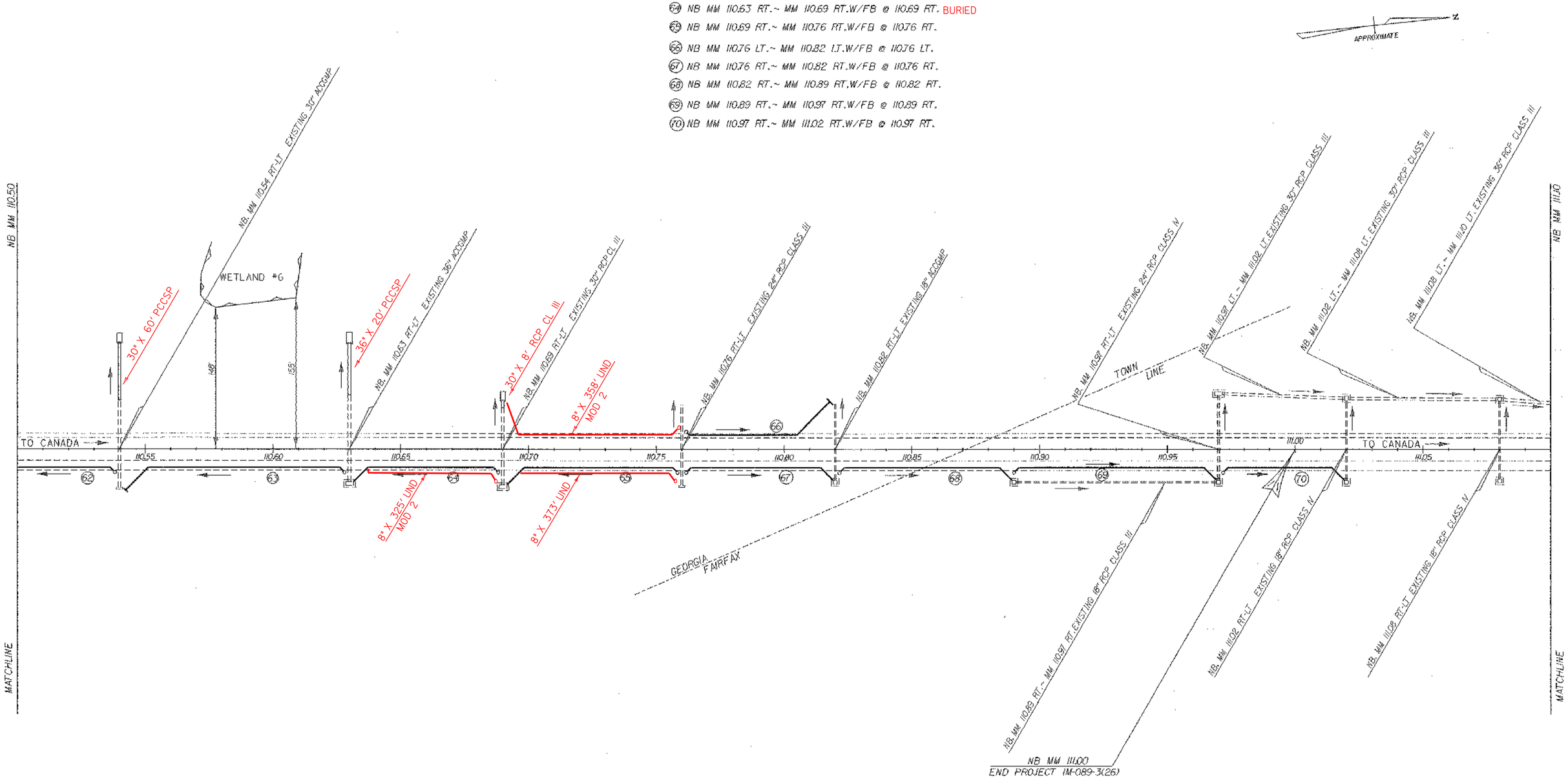
NOT TO SCALE

SURVEYED BY ____ DATE ____
DRAWN BY SQUAD B DATE ____
SQUAD LEADER DE LA SANTA
DESIGN FILE NO. /SQDB/8TA007A/DA007A.DGN
IPARM FILE DA007L06 DATE PLOTTED 26-MAR-1997
PROJ. NAME GEORGIA - FAIRFAX
PROJ. NO. IM-089-3(26)
SHEET 52 OF 121 SHEETS

8" UNDERDRAIN (MODIFICATION #1)

(62) NB MM 110.50 RT.~ MM 110.54 RT.W/FB @ 110.54 RT.
(63) NB MM 110.54 RT.~ MM 110.63 RT.W/FB @ 110.63 RT. BURIED
(64) NB MM 110.63 RT.~ MM 110.69 RT.W/FB @ 110.69 RT. BURIED
(65) NB MM 110.69 RT.~ MM 110.76 RT.W/FB @ 110.76 RT.
(66) NB MM 110.76 LT.~ MM 110.82 LT.W/FB @ 110.76 LT.
(67) NB MM 110.76 RT.~ MM 110.82 RT.W/FB @ 110.76 RT.
(68) NB MM 110.82 RT.~ MM 110.89 RT.W/FB @ 110.82 RT.
(69) NB MM 110.89 RT.~ MM 110.97 RT.W/FB @ 110.89 RT.
(70) NB MM 110.97 RT.~ MM 111.02 RT.W/FB @ 110.97 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL
NB MM 110.50 LT.~ MM 110.70 LT.



NB MM 111.00
END PROJECT IM-089-3(26)

NORTHBOUND
MM 110.50 ~ 111.10

DATUM
VERTICAL N/A
HORIZONTAL N/A

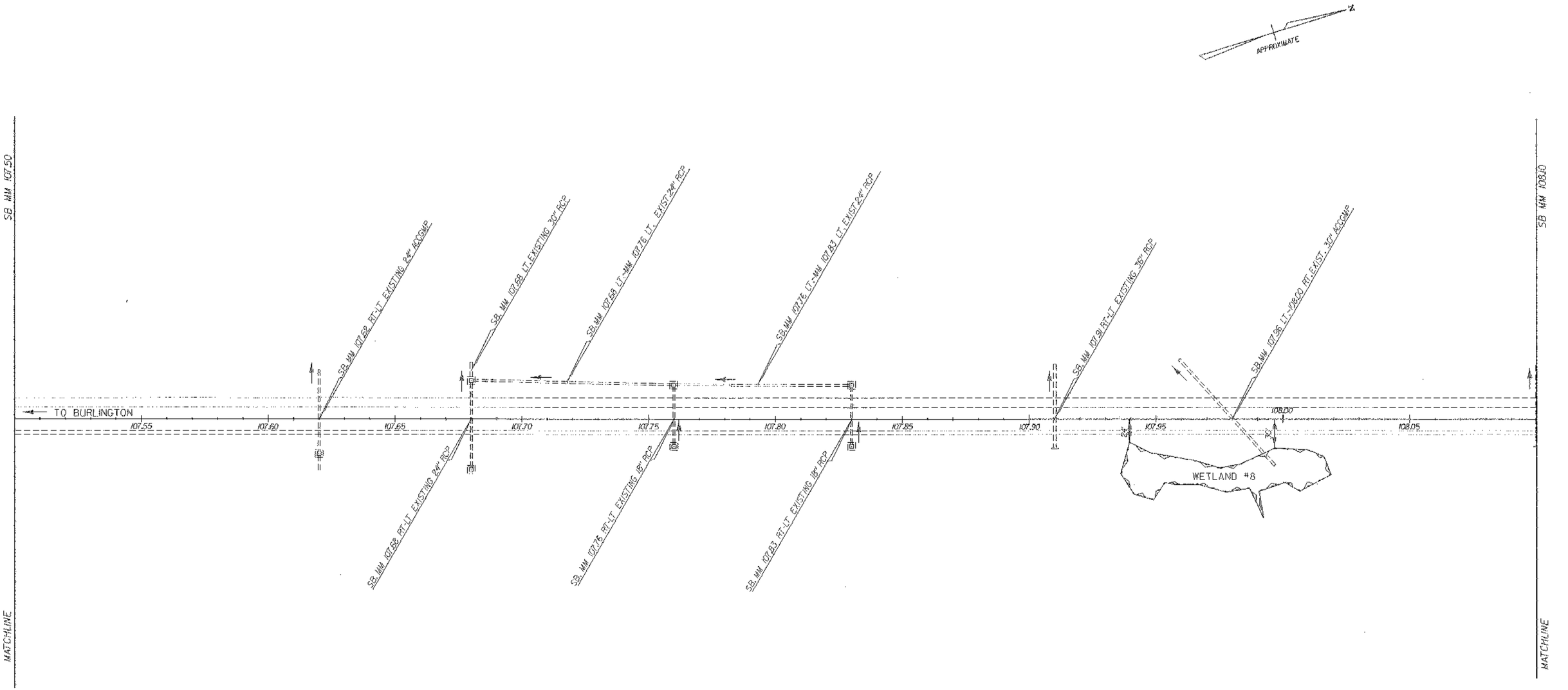
NOT TO SCALE

SURVEYED BY _____ DATE _____
DRAWN BY SQUAD B DATE _____
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. /SQDB/87A007A/DA007A.DGN
IPARM FILE DA007L07 DATE PLOTTED 26-MAR-1997
PROJ. NAME GEORGIA - FAIRFAX
PROJ. NO. IM-089-3(26)
SHEET 53 OF 121 SHEETS

STEEL BEAM GUARD RAIL
SB MM 107.54 LT.~ MM 107.~~70~~ LT.69
SB MM 107.54 RT.~ MM 107.57 RT.
.10SB MM 108.~~09~~ LT.~ MM 108.10 LT.

GUARD RAIL APPROACH SECTION, TYPE I
SB MM 107.53 LT.~ MM 107.54 LT.
SB MM 107.53 RT.~ MM 107.54 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL
SB MM 107.53 LT.~ MM 107.70 LT.
SB MM 107.53 RT.~ MM 107.57 RT.
SB MM 108.09 LT.~ MM 108.10 LT.



NOT TO SCALE

SOUTHBOUND
MM 107.50 ~ 108.10

SURVEYED BY: _____ DATE _____
DRAWN BY: SQUAD B DATE _____
SQUAD LEADER: DELLA SANTA
DESIGN FILE NO. /SODB/87A007A/DA007A.DGN
IPARM FILE: DA007L09 DATE PLOTTED: 18-MAR-1997
PROJ. NAME: GEORGIA - FAIRFAX
PROJ. NO: IM-089-3(26)
SHEET 71 OF 121 SHEETS

DATUM
VERTICAL: N/A
HORIZONTAL: N/A

STEEL BEAM GUARD RAIL
SB MM 108.10 LT. ~ MM 108.~~61~~ LT. .57
SB MM 108.~~47~~ RT. ~ MM 108.~~52~~ RT.
.24 .30

REMOVAL AND DISPOSAL
OF GUARD RAIL
SB MM 108.10 LT. ~ MM 108.61 LT.
SB MM 108.47 RT. ~ MM 108.52 RT.

N
APPROXIMATE

SB MM 108.10

SB MM 108.10 RT-LT EXIST 18" ACCOMP

SB MM 108.15 LT EXISTING 12" CCMP & PRCCP
NEW 18" X 46' PCCSP W 2 ELBOWS & 4X4 DI

SB MM 108.18 RT-LT EXIST 30" ACCOMP

SB MM 108.23 LT EXISTING 12" CCMP & PRCCP
NEW 18" X 22' PCCSP W 2 ELBOWS & 4X4 DI

SB MM 108.25 RT-LT EXIST 24" ACCOMP

SB MM 108.30 RT-LT EXIST 42" ACCOMP

SB MM 108.39 RT-LT EXIST 42" ACCOMP

EXISTING CARRIER PIPE (6')

SB MM 108.48 RT-LT EXIST 48" ACCOMP

SB MM 108.55 RT-LT EXIST 36" ACCOMP

SB MM 108.63 RT-LT EXIST 42" ACCOMP

SB MM 108.70

TO BURLINGTON

108.15 108.20 108.25 108.30 108.35 108.40 108.45 108.50 108.55 108.60 108.65

8" X 352' UND MOD 2

8" X 350' UND MOD 2

NEW 4X4 DI 4' 18" PCCSP & 1 ELBOW

8" X 397' UND MOD 2

8" X 350' UND MOD 2

MATCHLINE

MATCHLINE

SOUTHBOUND
MM 108.10 ~ 108.70

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

SURVEYED BY _____ DATE _____
DRAWN BY SQUAD B DATE _____
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. /SQDB/87A007A/DA007A.DGN
IPARM FILE DA007L10 DATE PLOTTED 18-MAR-1997
PROJ. NAME GEORGIA - FAIRFAX
PROJ. NO. IM-089-3(26)
SHEET 72 OF 121 SHEETS

STEEL BEAM GUARD RAIL

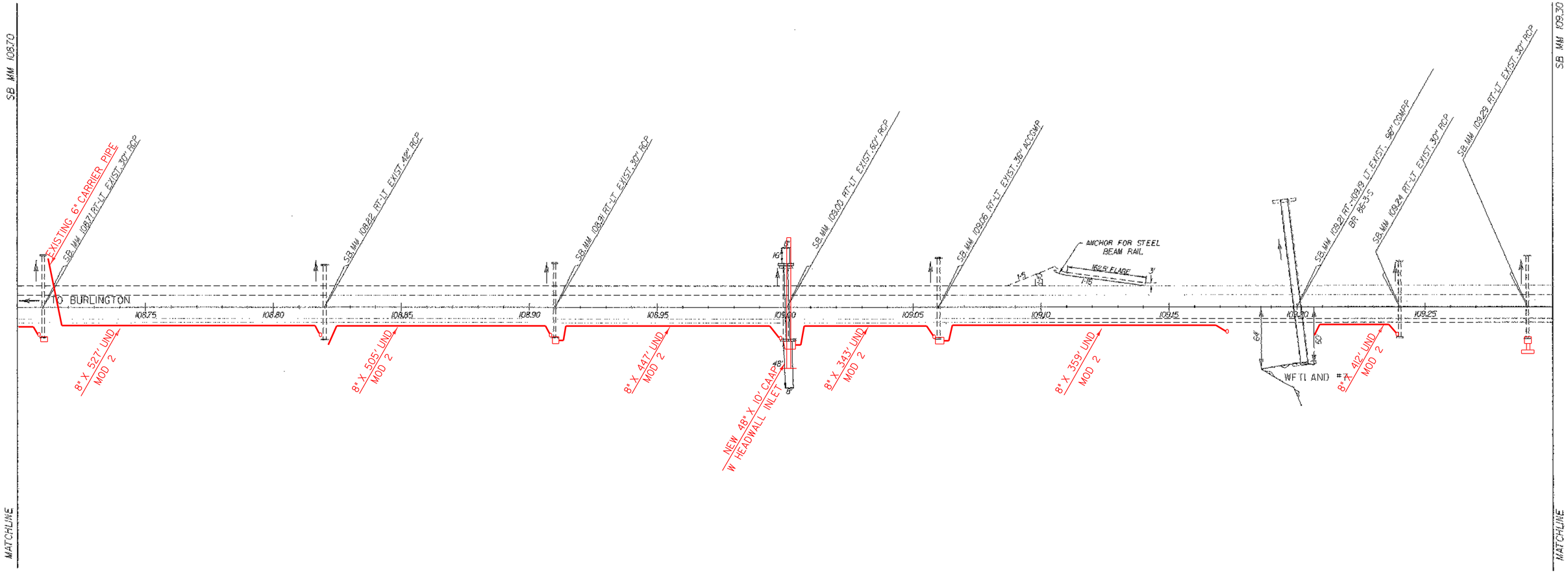
~~SB MM 108.99 LT. ~ MM 109.02 LT.~~
~~SB MM 108.99 RT. ~ MM 109.03 RT.~~
SB MM 109.11 LT. ~ MM 109.30 LT.
SB MM 109.12 RT. ~ MM 109.20 RT.

.15

REMOVAL AND DISPOSAL OF GUARD RAIL

SB MM 108.99 LT. ~ MM 109.02 LT.
SB MM 108.99 RT. ~ MM 109.03 RT.
SB MM 109.11 LT. ~ MM 109.30 LT.
SB MM 109.12 RT. ~ MM 109.20 RT.

APPROXIMATE



SOUTHBOUND
MM 108.70 ~ 109.30

SURVEYED BY		DATE
DRAWN BY	SQUAD B	DATE
SQUAD LEADER	DELLA SANTA	
DESIGN FILE NO.	/SQDB/87A0Q7A/DA007A.DGN	
IPARM FILE	DA007L11	DATE PLOTTED 26-MAR-1997
PROJ. NAME	GEORGIA - FAIRFAX	
PROJ. NO.	IM-089-3(26)	
SHEET 73 OF 121 SHEETS		

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

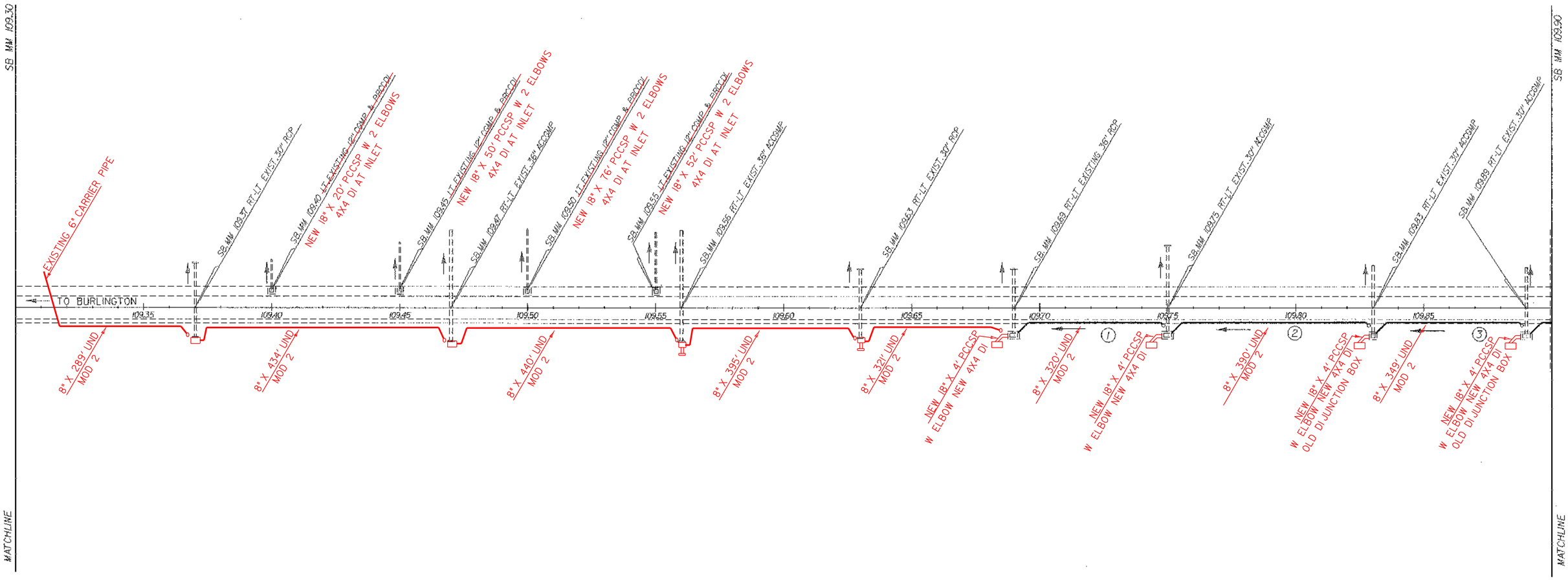
STEEL BEAM GUARD RAIL
SB MM 109.30 LT. ~ MM 109.90 LT.

REMOVAL AND DISPOSAL
OF GUARD RAIL
SB MM 109.30 LT. ~ MM 109.90 LT.

8" UNDERDRAIN (MODIFICATION #1)

1. ~~SB MM 109.69 RT. ~ MM 109.75 RT. W/FB @ 109.75 RT.~~
2. ~~SB MM 109.76 RT. ~ MM 109.83 RT. W/FB @ 109.83 RT.~~
3. ~~SB MM 109.83 RT. ~ MM 109.89 RT. W/FB @ 109.89 RT.~~

N
APPROXIMATE



SOUTHBOUND
MM 109.30 ~ 109.90

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

SURVEYED BY		DATE
DRAWN BY	SQUAD B	DATE
SQUAD LEADER	DELLA SANTA	
DESIGN FILE NO.	/SQDB/87A007A/DA007A.DGN	
IPARM FILE	DA007L12	DATE PLOTTED 28-MAR-1997
PROJ. NAME	GEORGIA - FAIRFAX	
PROJ. NO.	IM-089-3(26)	
SHEET 74 OF 121 SHEETS		

8" UNDERDRAIN (MODIFICATION #1)

~~(4) SB MM 109.89 RT. ~ MM 109.97 RT. W/FB @ 109.97 RT.~~
~~(5) SB MM 109.97 RT. ~ MM 110.04 RT. W/FB @ 110.04 RT.~~
~~(6) SB MM 110.04 RT. ~ MM 110.13 RT. W/FB @ 110.13 RT.~~
~~(7) SB MM 110.13 RT. ~ MM 110.28 RT. W/FB @ 110.28 RT.~~
~~(8) SB MM 110.28 RT. ~ MM 110.36 RT. W/FB @ 110.36 RT.~~
~~(9) SB MM 110.36 RT. ~ MM 110.45 RT. W/FB @ 110.45 RT.~~
~~(10) SB MM 110.45 RT. ~ MM 110.54 RT. W/FB @ 110.54 RT.~~

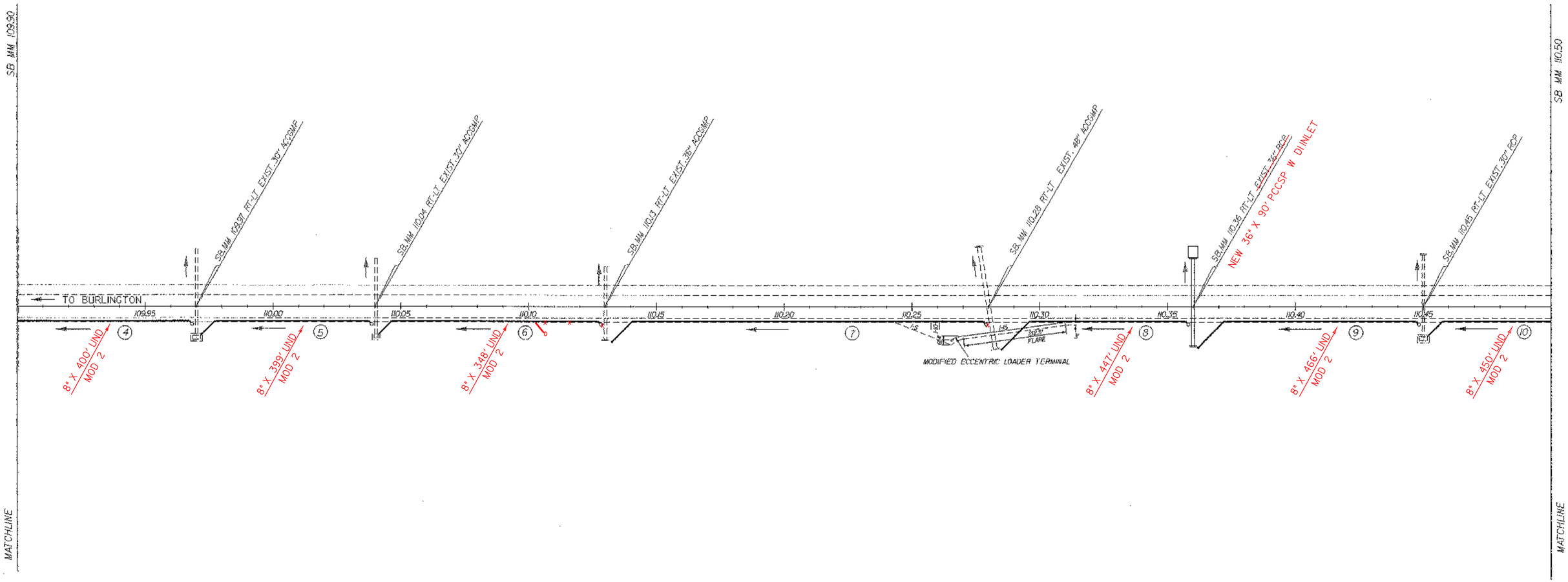
STEEL BEAM GUARD RAIL

SB MM 109.90 LT. ~ MM ~~110.18~~ 110.16 LT.
SB MM ~~110.27~~ 110.12 RT. ~ MM ~~110.32~~ 110.31 RT.

REMOVAL AND DISPOSAL OF GUARD RAIL

SB MM 109.90 LT. ~ MM 110.18 LT.
SB MM 110.27 LT. ~ MM 110.32 LT.
SB MM 110.27 RT. ~ MM 110.32 RT.





SOUTHBOUND
MM 109.90 ~ 110.50

SURVEYED BY		DATE
DRAWN BY	SQUAD B	DATE
SQUAD LEADER	DELLA SANTA	
DESIGN FILE NO.	/SODB/87A007A/DA007A.DGN	
IPARM FILE	DA007L13	DATE PLOTTED 26-MAR-1997
PROJ. NAME	GEORGIA - FAIRFAX	
PROJ. NO.	IM-089-3(26)	
SHEET 75 OF 121 SHEETS		

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

8" UNDERDRAIN (MODIFICATION #1)

(11) ~~SB MM 110.54 RT. ~ MM 110.62 RT. W/FB @ 110.62 RT.~~

(12) ~~SB MM 110.62 RT. ~ MM 110.70 RT. W/FB @ 110.70 RT.~~

(13) ~~SB MM 110.70 RT. ~ MM 110.78 RT. W/FB @ 110.78 RT.~~

(14) ~~SB MM 110.78 RT. ~ MM 110.85 RT. W/FB @ 110.85 RT.~~

APPROXIMATE

SB MM 110.50

SB MM 110.54 RT-LT EXIST. 30" RCP

SB MM 110.62 RT-LT EXIST. 36" RCP

SB MM 110.70 RT-LT EXIST. 30" ACCOMP.

SB MM 110.78 RT-LT EXIST. 24" RCP

SB MM 110.85 RT-LT EXIST. 18" RCP

SB MM 110.92 LT-110.98 LT EXIST. 15" ACCOMP.

SB MM 110.97 LT-RT EXIST. 18" RCP

TO BURLINGTON

110.55 110.60 110.65 110.70 110.75 110.80 110.85 110.90 110.95 111.00 111.05

(11)

8" X 419' UND MOD 2

WETLAND #6

(12)

8" X 336' UND MOD 2

(13)

8" X 391' UND MOD 2

(14)

8" X 337' UND MOD 2

TOWN LINE

GEORGIA FAIRFAX

SB MM 111.00
END PROJECT IM-089-3(26)

SB MM 111.10

MATCHLINE

MATCHLINE

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOT TO SCALE

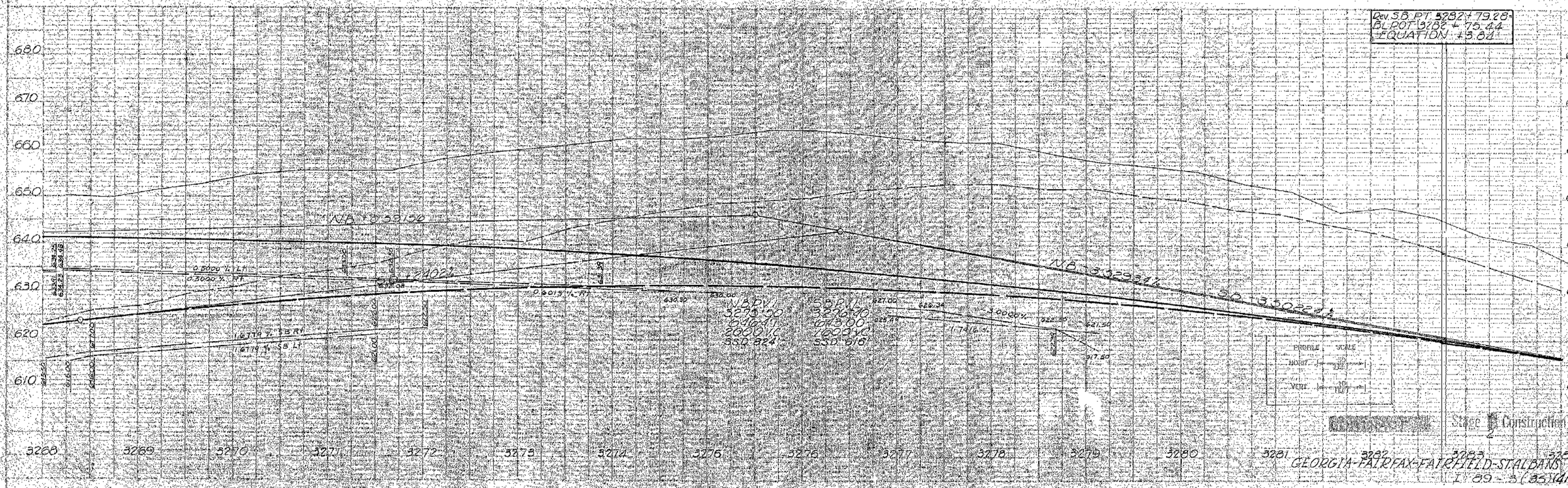
SOUTHBOUND
MM 110.50 ~ 111.10

SURVEYED BY _____ DATE _____
DRAWN BY SQUAD B DATE _____
SQUAD LEADER DELLA SANTA
DESIGN FILE NO. /SODB/87A007A/DA007A.DGN
(PARM FILE DA007L14) DATE PLOTTED 26-MAR-1997
PROJ. NAME GEORGIA - FAIRFAX
PROJ. NO. IM-089-3(26)
SHEET 76 OF 121 SHEETS

1968 "AS BUILT"
RECORD PLANS

FOR REFERENCE
PURPOSES ONLY

Rev. S.B. PT. 3282+79.28
BL POT 3282 + 75.44
EQUATION +3.84



GEORGIA-FAIRFAX-FAIRFIELD-ST.ALBANS
I 89-3(85)(41)

SHEET 121 OF 121 SHEETS