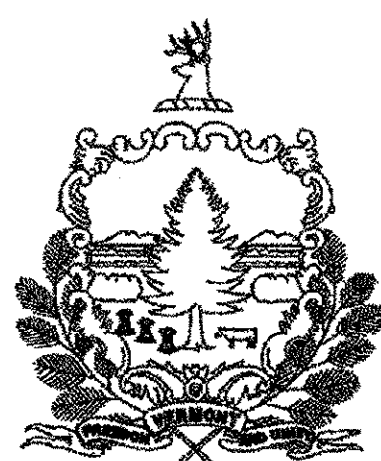


STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED SAFETY IMPROVEMENT TOWN OF DOVER COUNTY OF WINDHAM TH#1 - DOVER HILL ROAD (MAJOR COLLECTOR)

INDEX OF SHEETS

1	TITLE SEET
2	TYPICAL SECTIONS
3-4	QUANTITY SHEETS
5-8	LAYOUT PLANS
9-10	BANKING DIAGRAMS
11-14	SIGNING & STRIPING PLANS
15-16	TRAFFIC SIGN SUMMARY SHEETS
17	SIGN DETAILS
18	CONSTRUCTION APPROACH SIGNING

STANDARDS

E-100	CONSTRUCTION APPROACH SIGNS	01/02/04
E-100A	SIDE ROAD CONSTRUCTION APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	05/30/03
E-102	CONSTRUCTION SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08/08/95
E-123	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS	03/16/04
E-141	REGULATORY SIGN DETAILS	09/20/95
E-142	REGULATORY SIGN DETAILS	09/20/95
E-143	REGULATORY SIGN DETAILS	06/15/04
E-150	WARNING SIGN DETAILS	05/01/04
E-155	WARNING SIGN DETAILS	05/01/04
E-160	FLANGED CHANNEL STEEL SIGN POST	05/20/99
E-164	SQUARE STEEL SIGN POST	05/20/99
E-193	PAVEMENT MARKING DETAILS	08/18/95
G-1	STEEL BEAM GUARDRAIL WITH STEEL POSTS	01/03/00
G-1d	STEEL BEAM GUARDRAIL WITH APPROACH END TERMINAL	01/03/00

TRAFFIC DATA

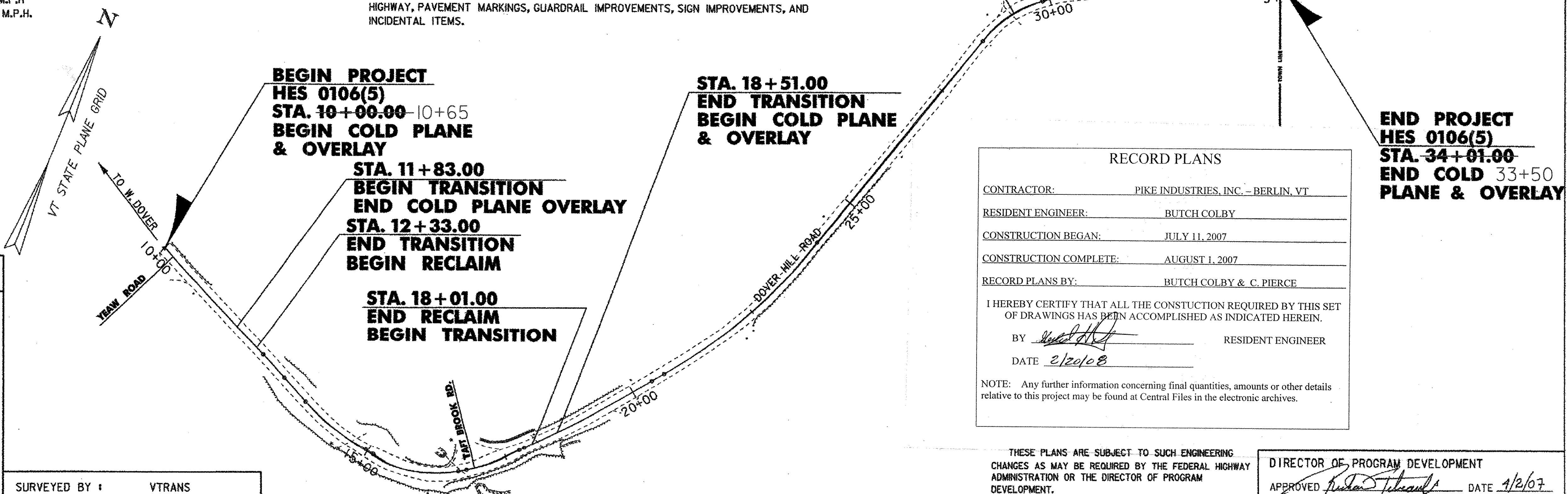
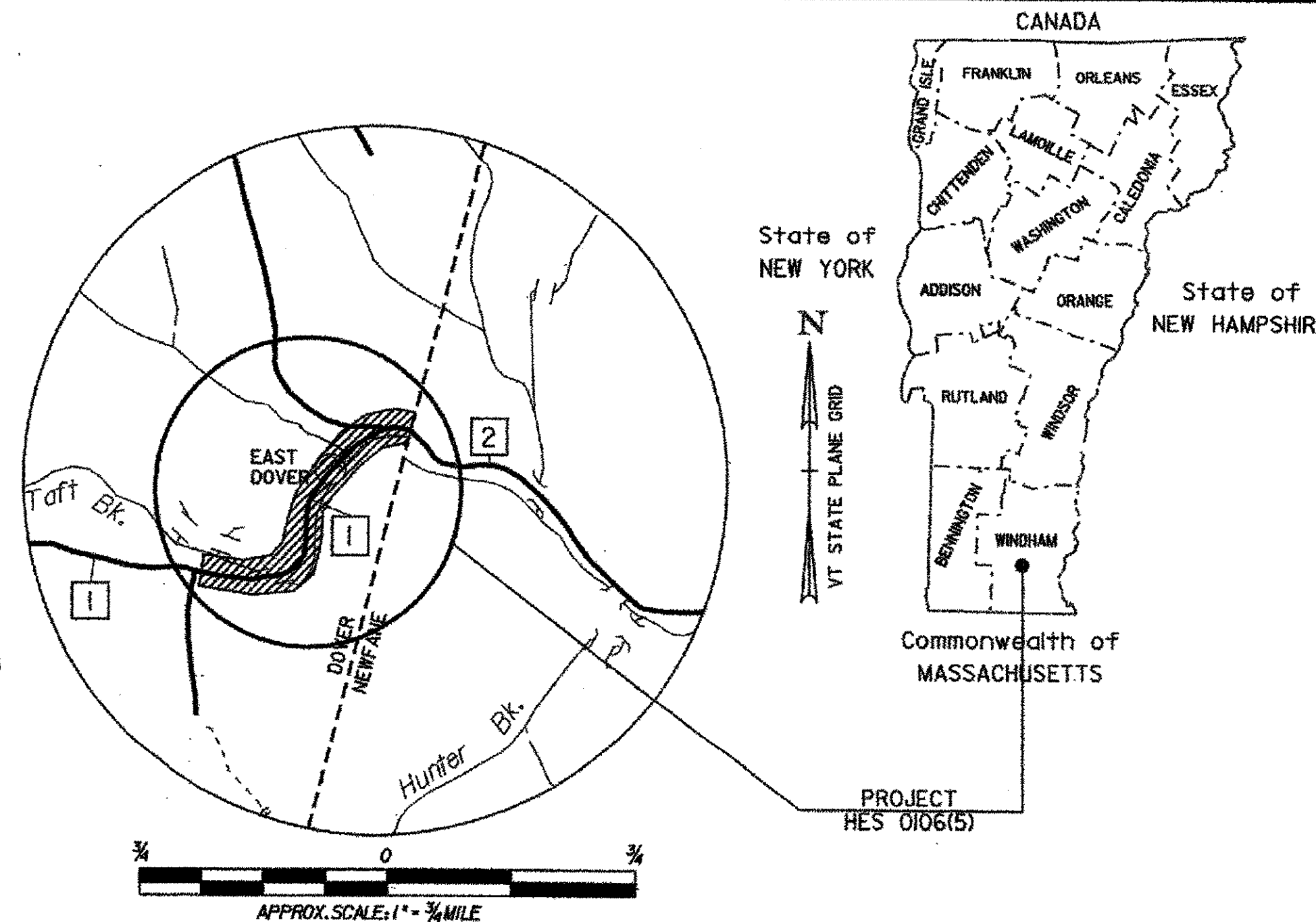
AADT		ADTT		DHV		%T		%D	
2007	2027	2027	2027	2027	2027	2007	2027	2007	2027
1000	1300	160	150	7.6	12.4	56	56		

ESALs (2007-2027) = 287,000
 ESALs (2027-2047) = 745,000
 DESIGN SPEED = 35 M.P.H.
 POSTED SPEED = 35 M.P.H.

BEGINNING AT A POINT ON DOVER HILL ROAD AT THE INTERSECTION WITH YEAW ROAD (T.H. #28) AND EXTENDING NORTHEASTERLY 0.455 MILES.

LENGTH OF PROJECT = 2,401 FEET = 0.455 MILES

WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES RECLAIMING A SEGMENT OF THE EXISTING HIGHWAY AND COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A WEARING COURSE, SUPERELEVATION IMPROVEMENT IN A SEGMENT OF THE EXISTING HIGHWAY, PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, SIGN IMPROVEMENTS, AND INCIDENTAL ITEMS.



CONVENTIONAL SYMBOLS

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

SURVEYED BY :	VTRANS
SURVEYED DATE :	12/06
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (92)

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT
 RESIDENT ENGINEER: BUTCH COLBY
 CONSTRUCTION BEGAN: JULY 11, 2007
 CONSTRUCTION COMPLETE: AUGUST 1, 2007
 RECORD PLANS BY: BUTCH COLBY & C. PIERCE

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

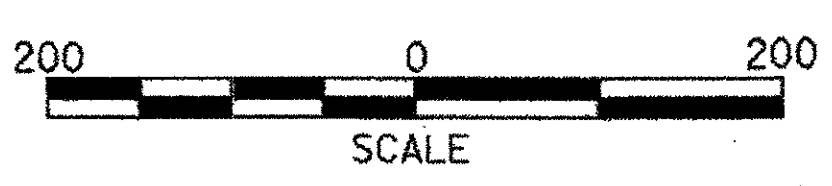
BY RESIDENT ENGINEER
 DATE 2/20/08

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

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

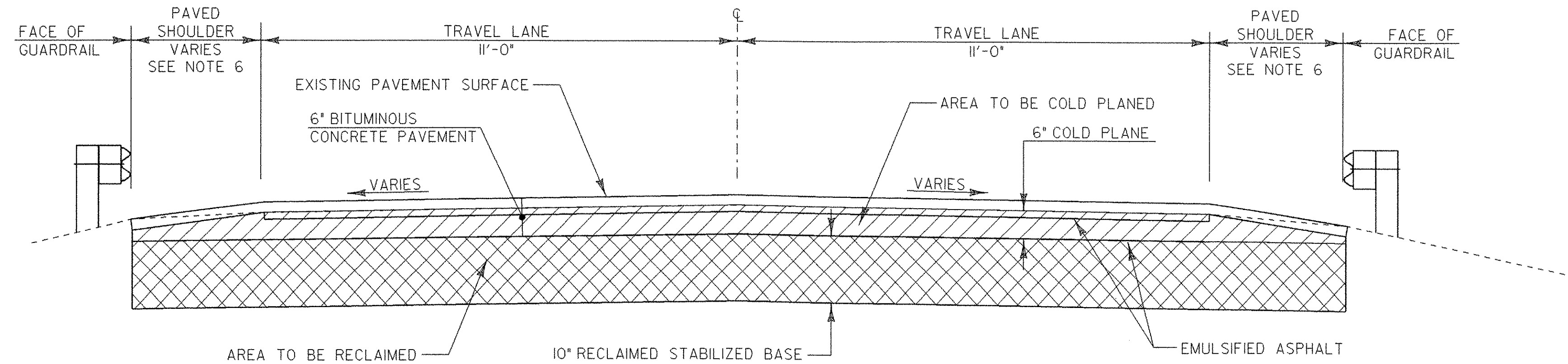
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED	DATE 1/2/07
PROJECT MANAGER :	KEN ROBIE
PROJECT NAME :	DOVER
PROJECT NUMBER :	HES 0106 (5)
SHEET 1 OF 18 SHEETS	



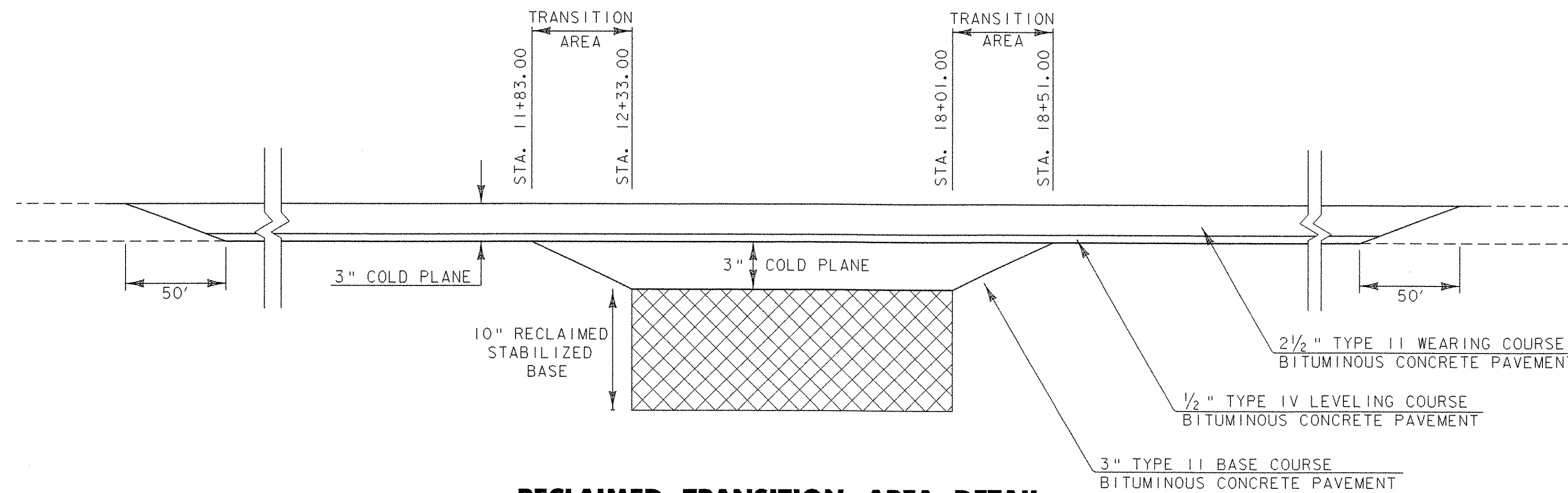
TYPICAL SECTIONS

5 1/2" TYPE II BITUMINOUS CONCRETE PAVEMENT (PG 58-28) (2 LIFTS)
 1/2" TYPE IV LEVELING COURSE
 10" RECLAIMED STABILIZED BASE
 2" SUBBASE OF CRUSHED STONE (SEE NOTE 9)



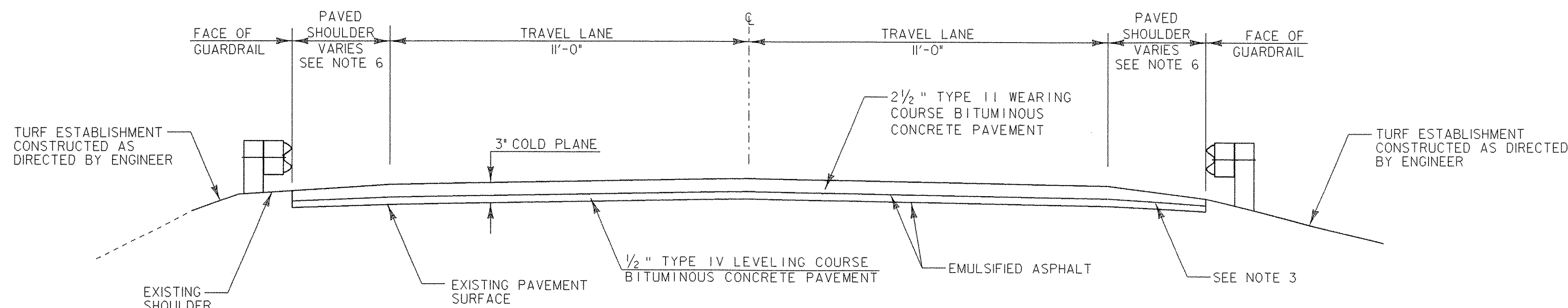
RECLAIMED TYPICAL SECTION

NOT TO SCALE
 STA. 12+33.00 - STA. 18+01.00



RECLAIMED TRANSITION AREA DETAIL

NOT TO SCALE



OVERLAY TYPICAL SECTION

NOT TO SCALE
 STA. 18+51.00 - STA. 34+01.00

MATERIAL TOLERANCES

MATERIAL ITEM	THICKNESS TOLERANCE
BITUMINOUS CONCRETE PAVEMENT	+/- 1/4"
LEVELING COURSE	+/- 1/4"

SEEDING FORMULAS RURAL AREAS

% MASS	LBS/AC	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 RYE GRASS	95	85
100.0	60.0			

GENERAL NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY MASS 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/AC (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.

NOTES:

- THE LEVELING COURSE SHALL BE TYPE IV UNLESS DIRECTED BY RESIDENT ENGINEER.
- ALL PERFORMANCE GRADED BINDER SHALL BE PG 58-28.
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF 3".
- ALL DRIVES AND SIDEROADS SHALL RECEIVE A PAVED APRON AS DIRECTED BY RESIDENT ENGINEER.
- RECYCLED ASPHALT PAVEMENT MAY BE USED AS MODIFIED SHOULDER MATERIAL AND WILL BE PAID FOR UNDER ITEM 402.13.
- PAVED SHOULDER WIDTH VARIES TO MATCH EXISTING EDGE OF PAVEMENT.
- EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.025 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AND ON COLD PLANED SURFACES OR AS DIRECTED BY THE ENGINEER.
- BUTT JOINTS SHALL BE USED AT THE BEGIN OF PROJECT, END OF PROJECT AND AT ALL SIDE ROADS.
- AN ADDITIONAL QUANTITY OF SUBBASE OF CRUSHED GRAVEL FINE GRADED, HAS BEEN INCLUDED TO CORRECT SUPERELEVATION AND GRADATION DEFICIENCIES WITHIN THE THICKNESS OF 2" HAS BEEN INCLUDED FOR THE ENTIRE RECLAIMED SURFACE AREA.

PROJECT NAME: DOVER
 PROJECT NUMBER: HES 0106(5)

FILE NAME: d05c320frm.dgn PLOT DATE: 04/11/07
 PROJECT LEADER: SDM DRAWN BY: MBL
 DESIGNED BY: MBL CHECKED BY: JLS
TYPICAL SECTIONS SHEET 2 OF 18

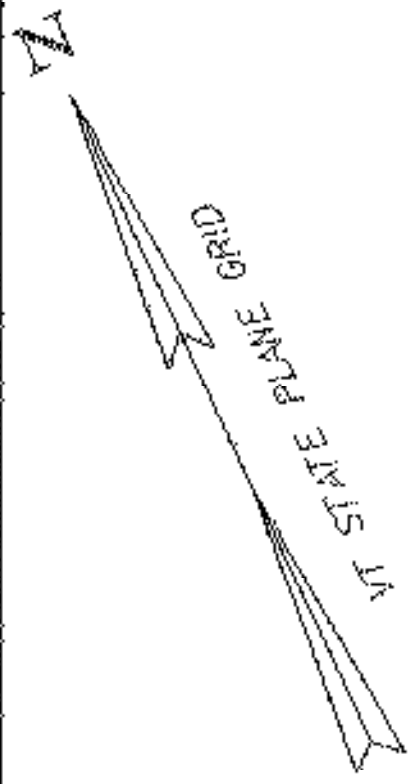
QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES				
							ROADWAY	TRAINING	EROSION CONTROL	FULL C. E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
							6500				6500		SY	COLD PLANING-BIT.PAVEMENT	210.10	519			
							150				150		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	3			
							1750				1750		SY	RECLAIMED STABILIZED BASE	310.20	268			
							40				40		TON	AGGREGATE SHOULDERS, RAP	402.13	10			
							20				20		CWT	EMULSIFIED ASPHALT	404.65	1			
							1250				1250		TON	BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	408.25	6			BITUMINOUS CONCRETE PAVEMENT (PG 58-28)
							100				100		LF	CLEANING CULV. PIPE, IN-PLACE (0 TO 24 IN., INCL.)	601.995	8	837.3	TON	TYPE II - WEARING COURSE
							40				40		HR	ROADWAY PATROL MAINTENANCE	607.10	-	159.5	TON	TYPE IV - LEVELING COURSE
							40				40		HR	BULLDOZER RENTAL, TYPE I	608.10	-	247.0	TON	TYPE II - BASE COURSE
							40				40		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	-	6.2	TON	ROUNDING
							10				10		HR	POWER BROOM RENTAL, TYPE I	608.30	-	1250	TON	TOTAL
							20				20		HR	TRUCK RENTAL	608.37	-			
							40				40		HR	LOADER RENTAL, TYPE I	608.40	-			
							1				1		MGAL	DUST CONTROL WITH WATER	609.10	-			
							1				1		TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	-			
							900				900		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	-			
							6				6		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
							687				687		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	-			
							200				200		HR	UNIFORMED TRAFFIC OFFICERS	630.10	-			
							500				500		HR	FLAGGERS	630.15	-			
										1	1		LS	FIELD OFFICE, ENGINEERS	631.10	-			
										1	1		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
										1	1		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-			
							1				1		LS	MOBILIZATION / DEMOBILIZATION	635.11	-			
							1				1		LS	TRAFFIC CONTROL	641.10	-			
							4670				4670		LF	DURABLE 4 INCH WHITE LINE	646.400	9			
							4530				4530		LF	DURABLE 4 INCH YELLOW LINE	646.410	11			
							4670				4670		LF	TEMPORARY 4 INCH WHITE LINE	646.600	9			
							4530				4530		LF	TEMPORARY 4 INCH YELLOW LINE	646.610	11			
							93				93		EACH	LINE STRIPING TARGETS	648.76	-			
							30				30		LB	SEED	651.15	10			
							200				200		LB	FERTILIZER	651.18	36			
							1				1		TON	AGRICULTURAL LIMESTONE	651.20	-			
							1				1		TON	HAYMULCH	651.25	-			
							200				200		CY	TOPSOIL	651.35	22			
							133				133		SF	TRAFFIC SIGNS, TYPE A	675.20	-			
														BEGIN OPTION AA					
							330				330		LF	FLANGED CHANNEL SIGN POST	675.301	-			
							330				330		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-			
														END OPTION AA					

PROJECT NAME: DOVER
 PROJECT NUMBER: HES 0106(5)
 FILE NAME: 05c320quant.xls PLOT DATE: 04/11/2007
 PROJECT MANAGER: SDW DRAWN BY: MBL
 DESIGNED BY: MBL CHECKED BY: JLS
 QUANTITY SHEET #1 SHEET 3 OF 18

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS. ANCHOR FOR STEEL BEAM RAIL.
 STA. 14+75.0 - STA. 15+50.0, RT. AS SHOWN - 1

CLEANING CULVERT PIPE, IN-PLACE (Ø"-24", INCL.)
 STA. 14+65.0 (57')



**BEGIN PROJECT
 HES 0106(5)
 STA. 10+00.00 - 65.0
 BEGIN COLD PLANE & OVERLAY**

**TH #1 STA. 10+27.00 =
 YEAW RD. CENTERLINE
 STA. 11+83.00
 BEGIN TRANSITION
 END COLD PLANE
 & OVERLAY**

**STA. 12+33.00
 END TRANSITION
 BEGIN RECLAIM**

10+00.00
 POB

13+43.88
 PC

14+85.03
 PCC

10+00

11+00

12+00

13+00

14+00

15+00

YEAW ROAD

END OF NEW 24" HVETRL

POWER LINE X-ING

12+76.71
 P1

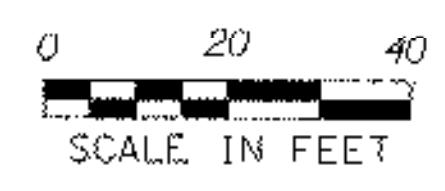
CURVE DATA
 $\Delta = 11^{\circ}33'10.57''$ LT.
 $D = 08^{\circ}11'06.40''$
 $R = 700.00'$
 $L = 141.15'$
 $T = 70.81'$
 $E = 3.57'$

CURVE DATA
 $\Delta = 48^{\circ}06'37.96''$ LT.
 $D = 26^{\circ}03'30.03''$
 $R = 219.87'$
 $L = 184.63'$
 $T = 98.15'$
 $E = 20.91'$

YEAW ROAD APRON
 TO BE REPAVED
 DID NOT REPAVE -
 TOWN PAVED YEAR BEFORE

MATCHLINE - STA. 15+50 - SEE LAYOUT PLAN 2

15+60.43
 P1



PROJECT NAME: DOVER	PLOT DATE: 04/11/07
PROJECT NUMBER: HES 0106(5)	DRAWN BY: MBL
FILE NAME: d05c320bdr.dgn	CHECKED BY: JLS
PROJECT LEADER: SDM	SHEET 5 OF 18
DESIGNED BY: MBL	
LAYOUT PLAN 1	

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 15+58.3 - STA. 16+68.0, LT.
 STA. 15+50.0 - STA. 18+87.4, RT.

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 15+68.4 - STA. 16+69.0, LT.
 STA. 16+38.1 - STA. 18+54.5, RT.

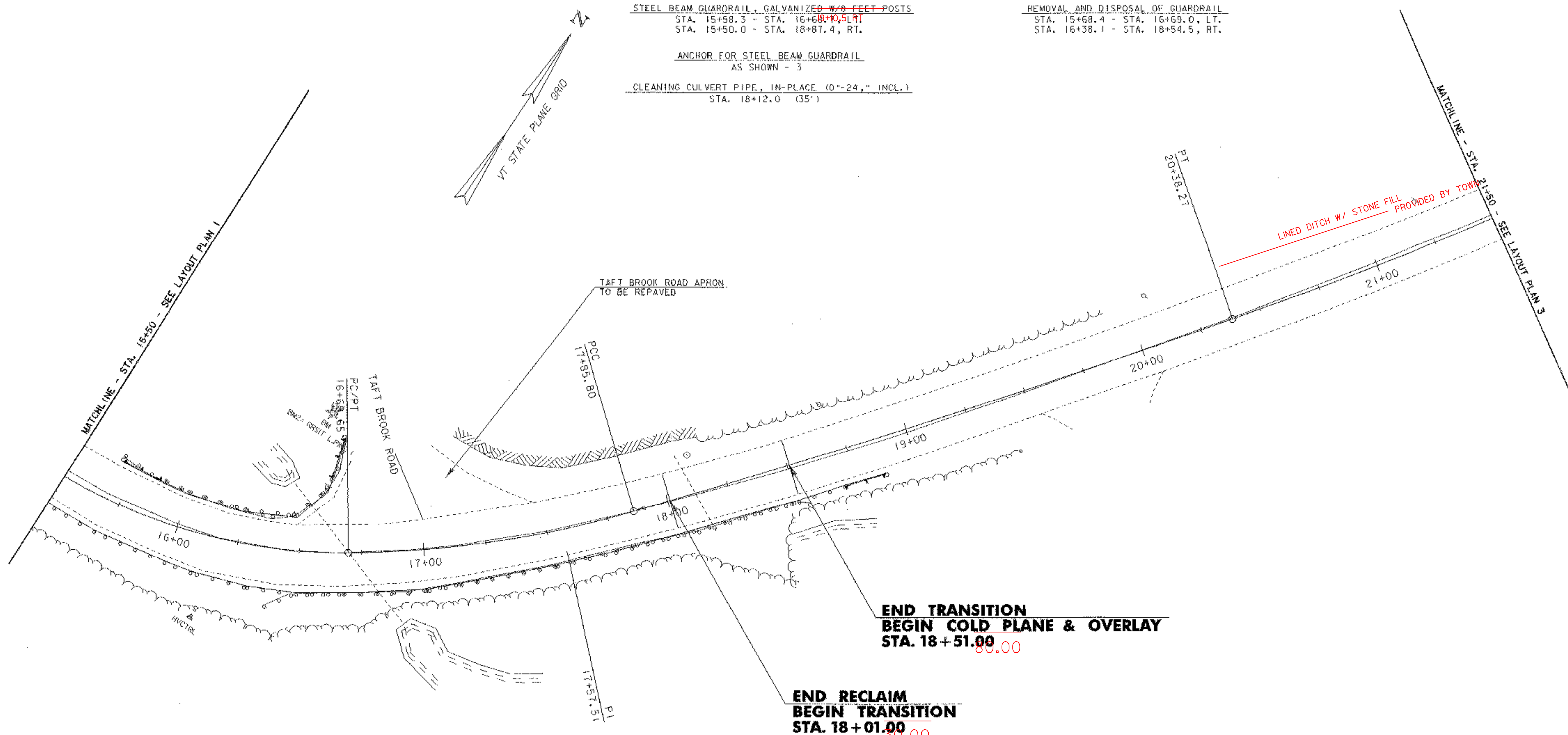
ANCHOR FOR STEEL BEAM GUARDRAIL
 AS SHOWN - 3

CLEANING CULVERT PIPE, IN-PLACE (0'-24" INCL.)
 STA. 18+12.0 (35')

VT STATE PLANE GRID

MATCHLINE - STA. 15+50 - SEE LAYOUT PLAN 1

MATCHLINE - STA. 21+50 - SEE LAYOUT PLAN 3



**END TRANSITION
 BEGIN COLD PLANE & OVERLAY
 STA. 18+51.00**

**END RECLAIM
 BEGIN TRANSITION
 STA. 18+01.00**

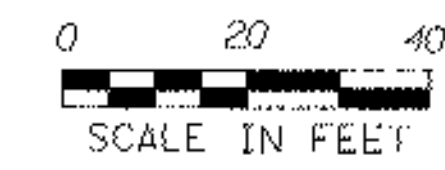
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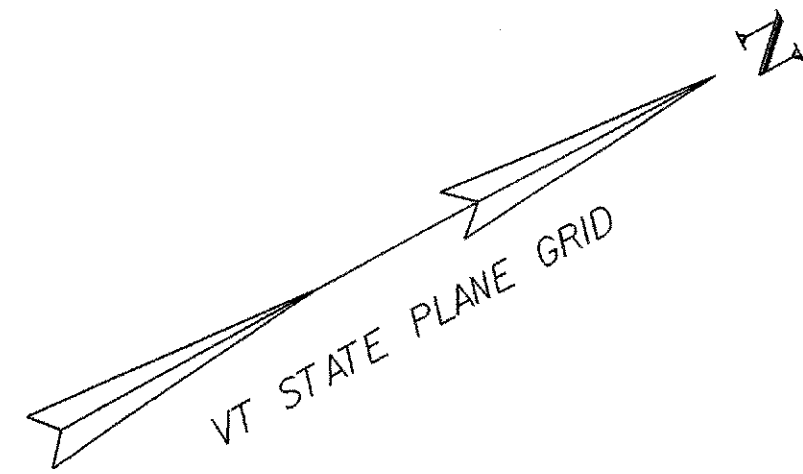
- PAVING LIMIT ON ALL DRIVES SHALL BE MEASURED 4 FEET BACK FROM T.H. #1 EDGE OF SHOULDER OR AS DIRECTED BY THE RESIDENT ENGINEER.
- PAVING LIMIT ON ALL SIDE ROADS SHALL BE MEASURED 25 FEET BACK FROM T.H. #1 EDGE OF SHOULDER OR AS DIRECTED BY THE RESIDENT ENGINEER.

PROJECT NAME: DOVER
 PROJECT NUMBER: HES 0106(5)

FILE NAME: d05c320bdr.dgn
 PROJECT LEADER: SDM
 DESIGNED BY: MBL
 LAYOUT PLAN 2

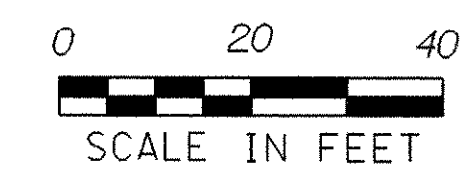
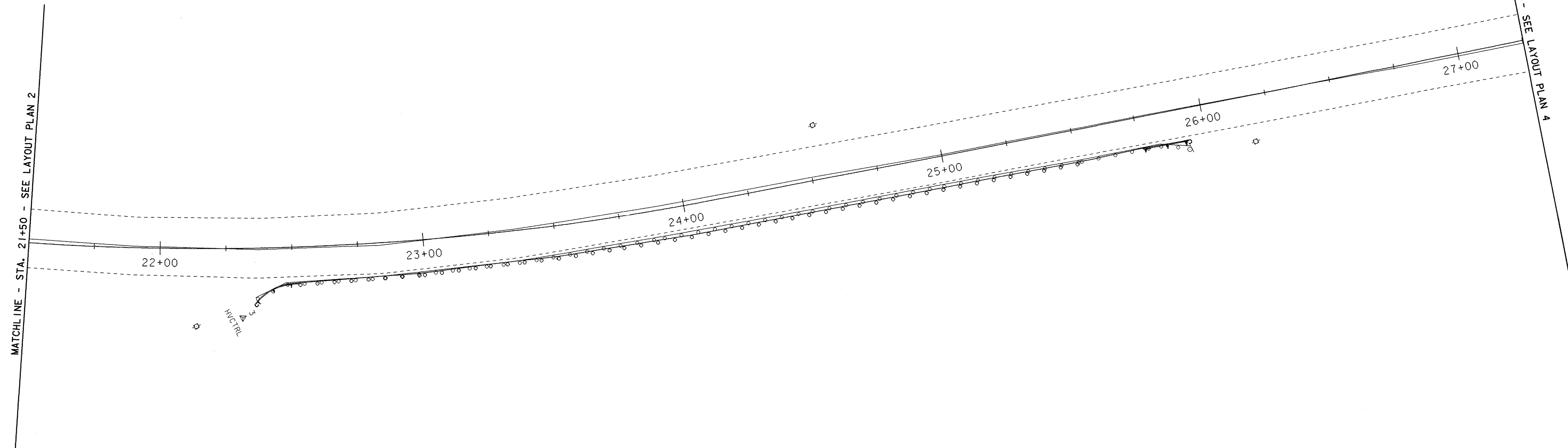
PLOT DATE: 04/11/07
 DRAWN BY: MBL
 CHECKED BY: JLS
 SHEET 6 OF 18



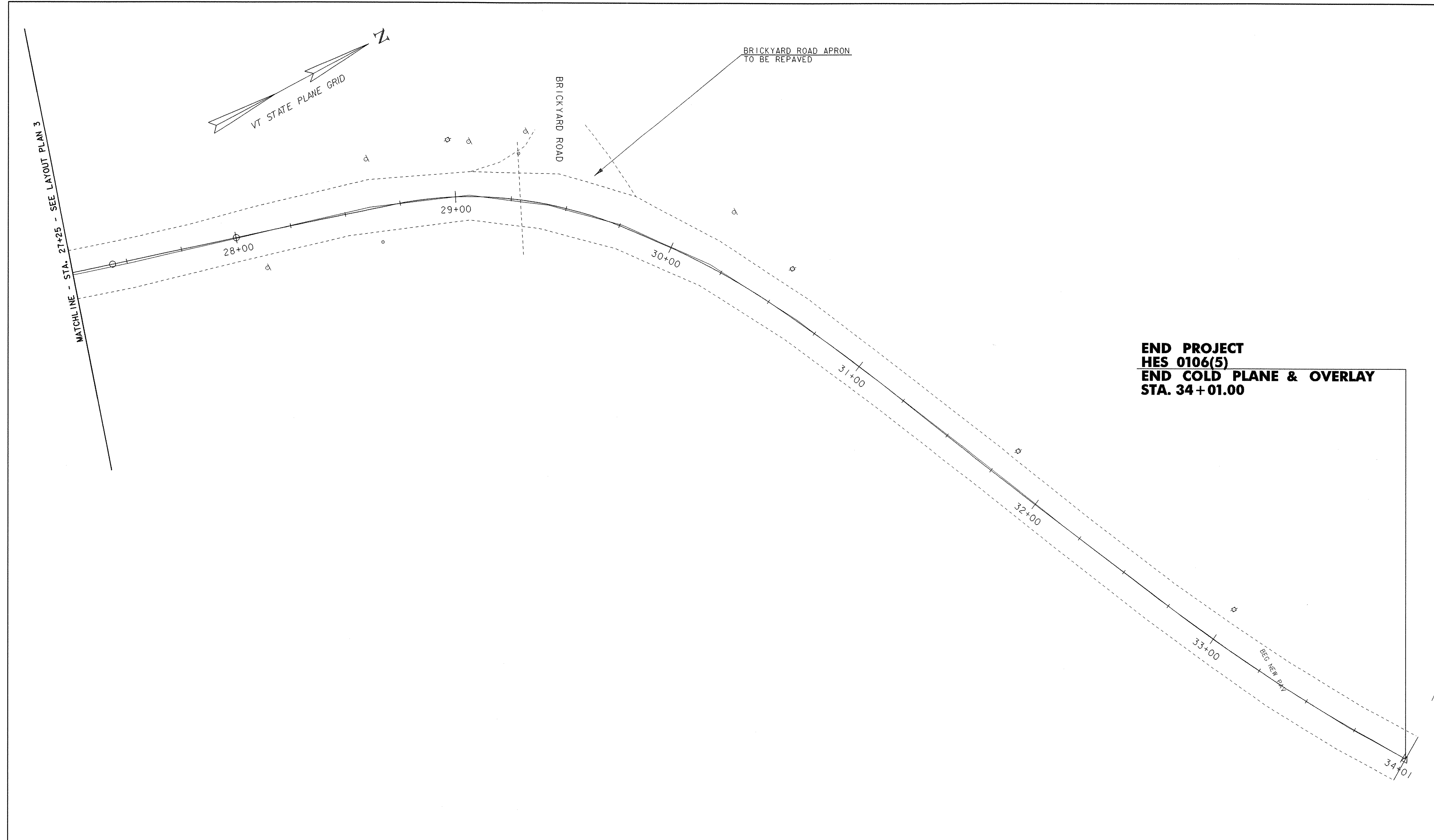


STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS
STA. 22+35.2 - STA. 25+94.1, RT.
ANCHOR FOR STEEL BEAM GUARDRAIL
AS SHOWN - 2

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 22+36.2 - STA. 25+93.4, RT.



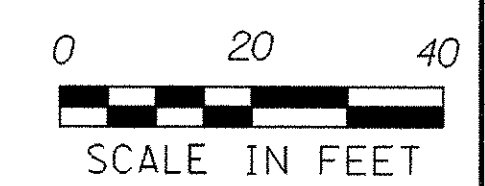
PROJECT NAME: DOVER	PLOT DATE: 04/11/07
PROJECT NUMBER: HES 0106(5)	DRAWN BY: MBL
FILE NAME: d05c320bdr.dgn	CHECKED BY: JLS
PROJECT LEADER: SDM	SHEET 7 OF 18
DESIGNED BY: MBL	
LAYOUT PLAN 3	



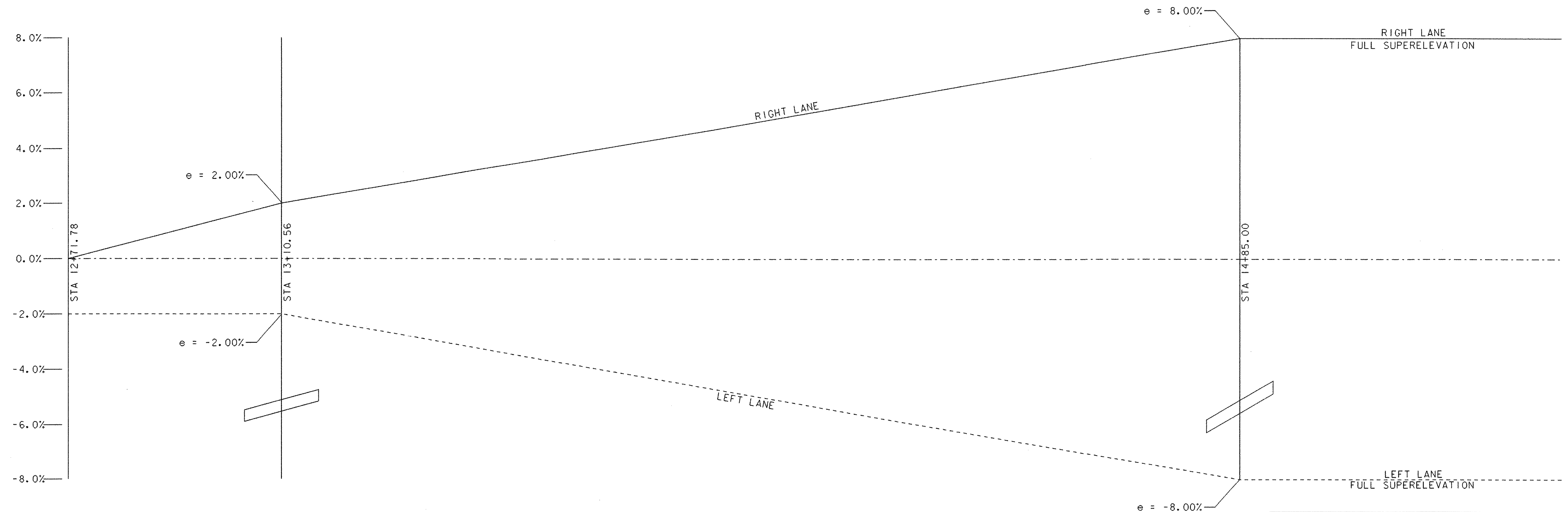
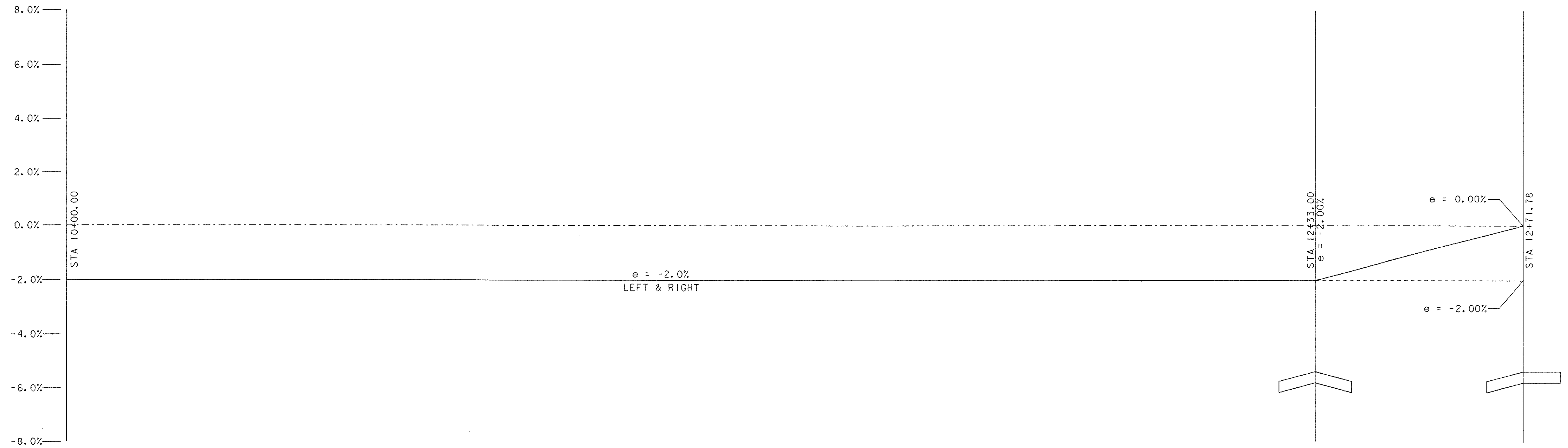
**END PROJECT
HES 0106(5)
END COLD PLANE & OVERLAY
STA. 34+01.00**

NOTES:

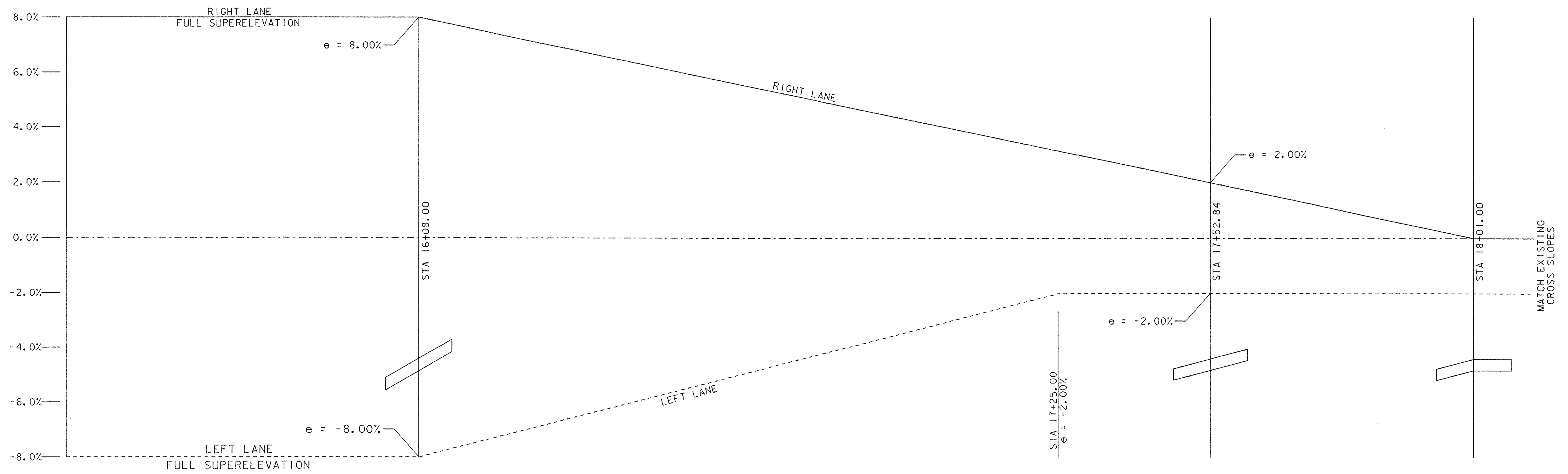
1. PAVING LIMIT ON ALL DRIVES SHALL BE MEASURED 4 FEET BACK FROM T.H. #1 EDGE OF SHOULDER OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PAVING LIMIT ON ALL SIDE ROADS SHALL BE MEASURED 25 FEET BACK FROM T.H. #1 EDGE OF SHOULDER OR AS DIRECTED BY THE RESIDENT ENGINEER.



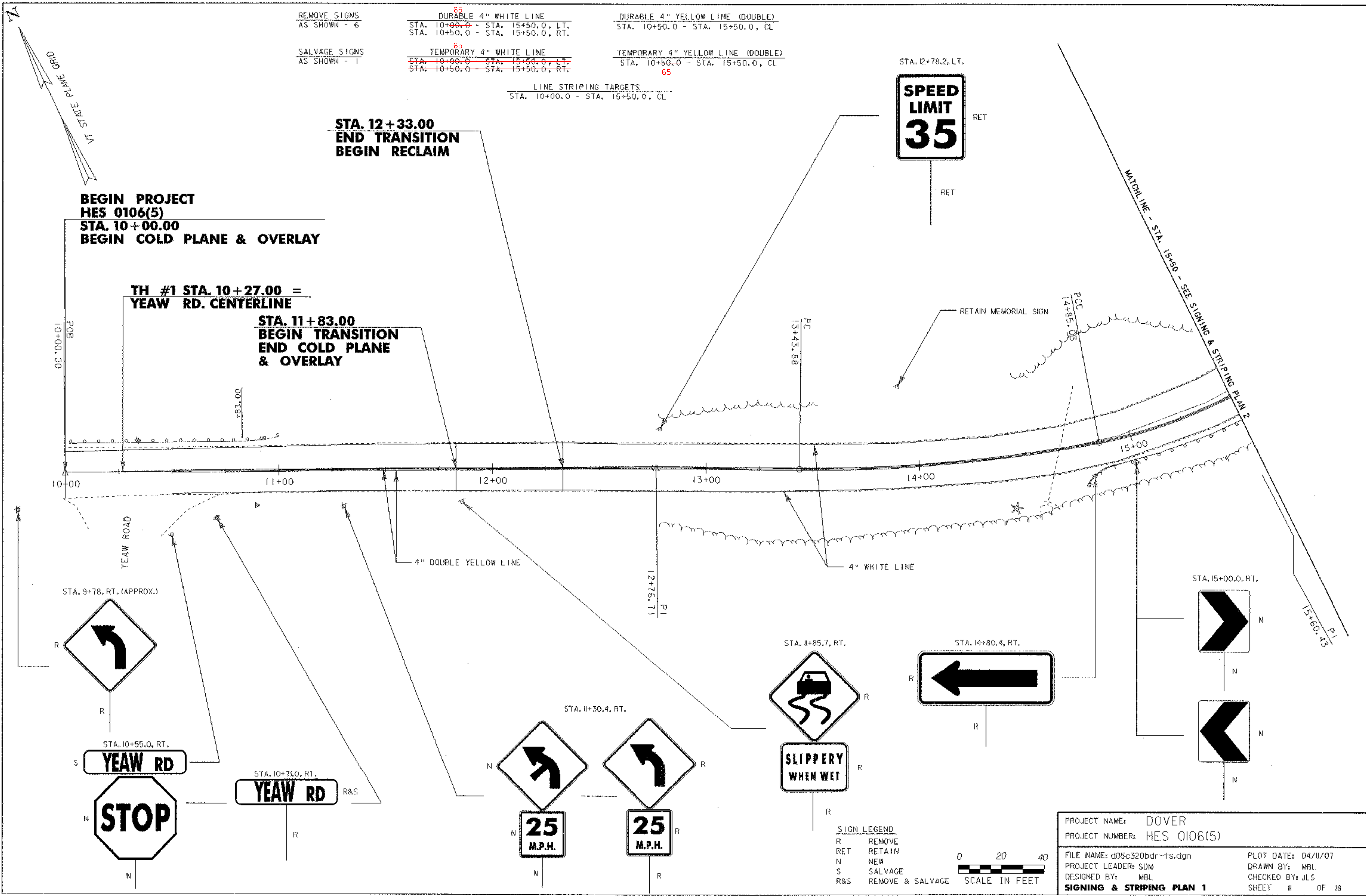
PROJECT NAME: DOVER	PLOT DATE: 04/11/07
PROJECT NUMBER: HES 0106(5)	DRAWN BY: MBL
FILE NAME: d05c320bdr.dgn	CHECKED BY: JLS
PROJECT LEADER: SDM	SHEET 8 OF 18
DESIGNED BY: MBL	
LAYOUT PLAN 4	



PROJECT NAME: DOVER	
PROJECT NUMBER: HES 0106(5)	
FILE NAME: d05c320xsl.dgn	PLOT DATE: 04/11/07
PROJECT LEADER: SDM	DRAWN BY: MBL
DESIGNED BY: MBL	CHECKED BY: JLS
BANKING DIAGRAMS 1	SHEET 9 OF 18



PROJECT NAME: DOVER	PLOT DATE: 04/11/07
PROJECT NUMBER: HES 0106(5)	DRAWN BY: MBL
FILE NAME: d05c320xsl.dgn	CHECKED BY: JLS
PROJECT LEADER: SDM	SHEET 10 OF 18
DESIGNED BY: MBL	
BANKING DIAGRAMS 2	



REMOVE SIGNS AS SHOWN - 6	⁶⁵ DURABLE 4" WHITE LINE STA. 10+00.0 - STA. 15+50.0, LT. STA. 10+50.0 - STA. 15+50.0, RT.	DURABLE 4" YELLOW LINE (DOUBLE) STA. 10+50.0 - STA. 15+50.0, CL
SALVAGE SIGNS AS SHOWN - 1	⁶⁵ TEMPORARY 4" WHITE LINE STA. 10+00.0 - STA. 15+50.0, LT. STA. 10+50.0 - STA. 15+50.0, RT.	TEMPORARY 4" YELLOW LINE (DOUBLE) STA. 10+50.0 - STA. 15+50.0, CL
LINE STRIPING TARGETS STA. 10+00.0 - STA. 15+50.0, CL		



**BEGIN PROJECT
HES 0106(5)
STA. 10+00.00
BEGIN COLD PLANE & OVERLAY**

**TH #1 STA. 10+27.00 =
YEAU RD. CENTERLINE**

**STA. 11+83.00
BEGIN TRANSITION
END COLD PLANE
& OVERLAY**

**STA. 12+33.00
END TRANSITION
BEGIN RECLAIM**

10+00.00
10+00.00

10+00

11+00

12+00

13+00

14+00

15+00

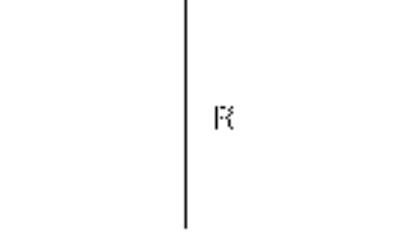
STA. 9+78, RT. (APPROX.)



STA. 10+55.0, RT.
YEAU RD



STA. 10+71.0, RT.
YEAU RD



STA. 11+30.4, RT.



**25
M.P.H.**



**25
M.P.H.**

STA. 11+85.7, RT.

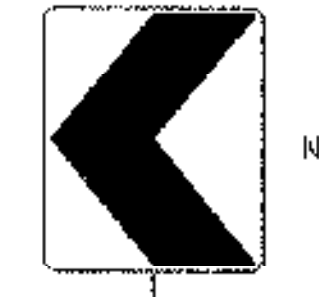
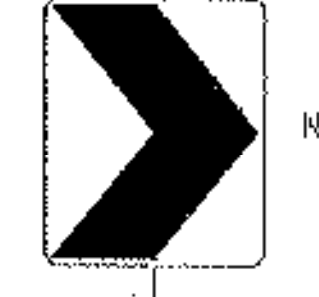


**SLIPPERY
WHEN WET**

STA. 14+80.4, RT.

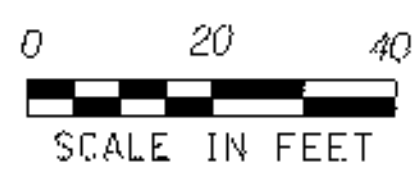


STA. 15+00.0, RT.

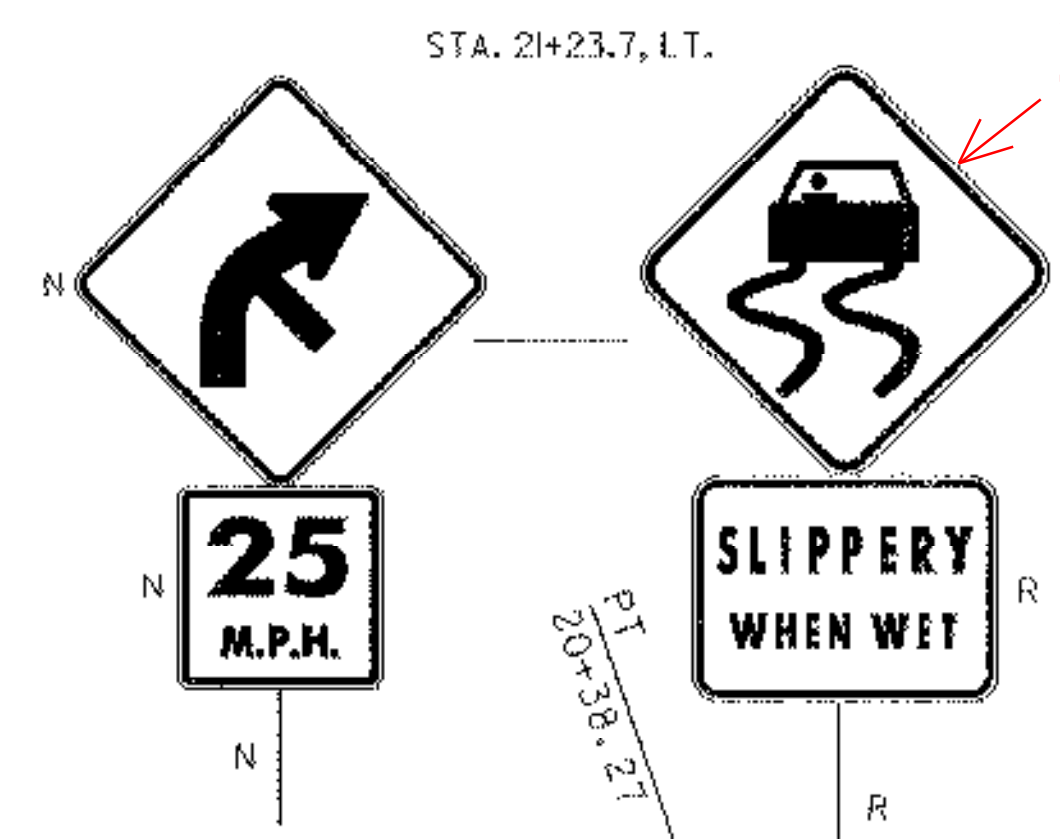
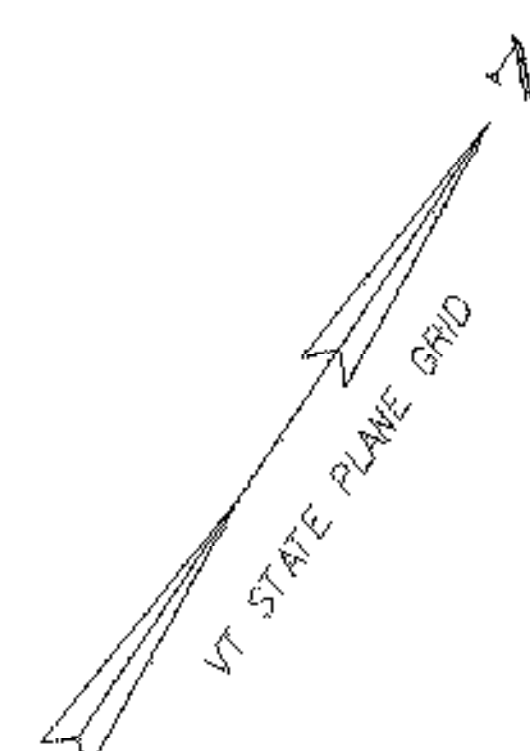
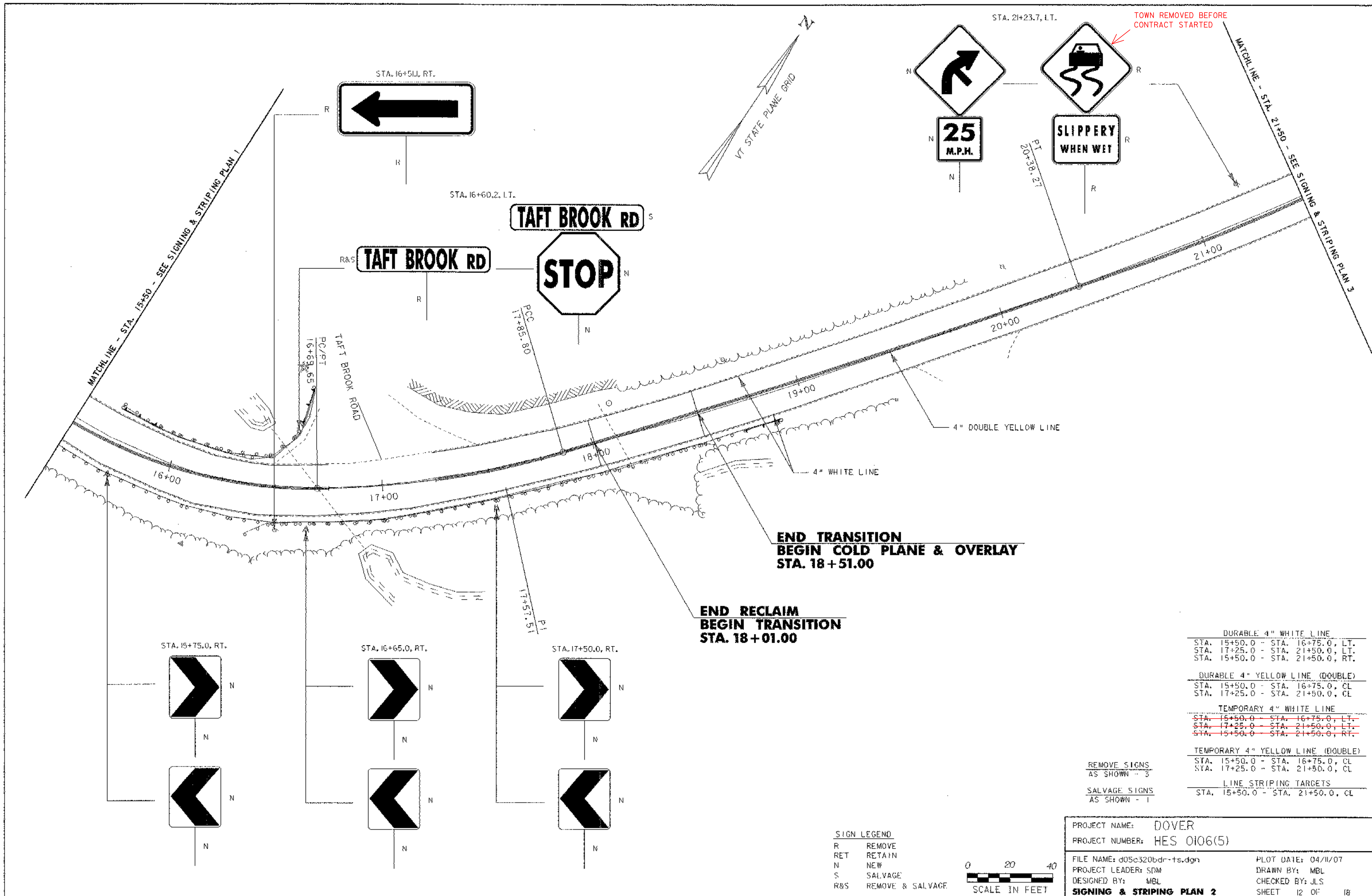


SIGN LEGEND

R	REMOVE
RET	RETAIN
N	NEW
S	SALVAGE
R&S	REMOVE & SALVAGE



PROJECT NAME: DOVER	PLOT DATE: 04/11/07
PROJECT NUMBER: HES 0106(5)	DRAWN BY: MBL
FILE NAME: d05c320bdr-ts.dgn	CHECKED BY: JLS
PROJECT LEADER: SUM	SHEET # OF 18
DESIGNED BY: MBL	
SIGNING & STRIPING PLAN 1	



**END TRANSITION
BEGIN COLD PLANE & OVERLAY
STA. 18 + 51.00**

**END RECLAIM
BEGIN TRANSITION
STA. 18 + 01.00**

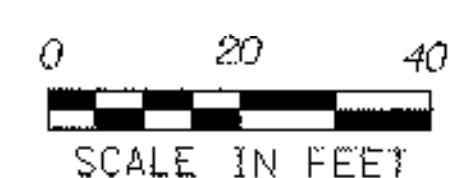
DURABLE 4" WHITE LINE	
STA. 15+50.0 - STA. 16+75.0, LT.	
STA. 17+25.0 - STA. 21+50.0, LT.	
STA. 15+50.0 - STA. 21+50.0, RT.	
DURABLE 4" YELLOW LINE (DOUBLE)	
STA. 15+50.0 - STA. 16+75.0, CL	
STA. 17+25.0 - STA. 21+50.0, CL	
TEMPORARY 4" WHITE LINE	
STA. 15+50.0 - STA. 16+75.0, LT.	
STA. 17+25.0 - STA. 21+50.0, LT.	
STA. 15+50.0 - STA. 21+50.0, RT.	
TEMPORARY 4" YELLOW LINE (DOUBLE)	
STA. 15+50.0 - STA. 16+75.0, CL	
STA. 17+25.0 - STA. 21+50.0, CL	
LINE STRIPING TARGETS	
STA. 15+50.0 - STA. 21+50.0, CL	

REMOVE SIGNS
AS SHOWN - 3

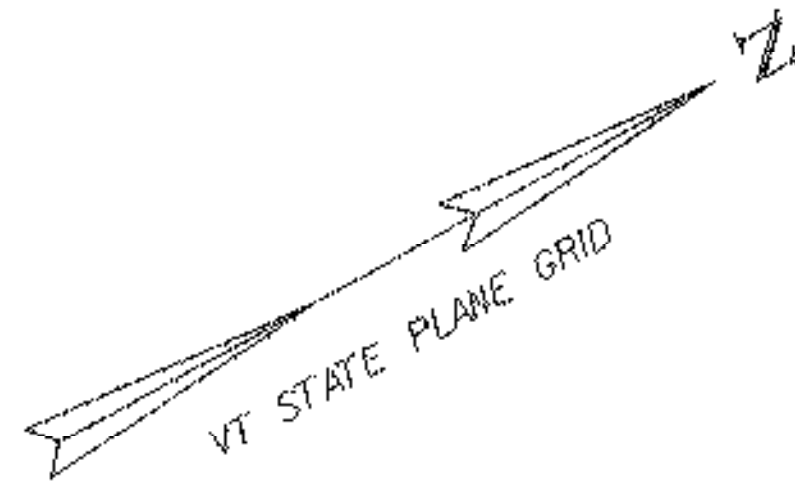
SALVAGE SIGNS
AS SHOWN - 1

SIGN LEGEND

R	REMOVE
RET	RETAIN
N	NEW
S	SALVAGE
R&S	REMOVE & SALVAGE



PROJECT NAME:	DOVER	FILE NAME:	d05c320bdr--ts.dgn	PLOT DATE:	04/11/07
PROJECT NUMBER:	HES 0106(5)	PROJECT LEADER:	SDM	DRAWN BY:	MBL
		DESIGNED BY:	MBL	CHECKED BY:	JLS
SIGNING & STRIPING PLAN 2				SHEET	12 OF 18



REMOVE SIGNS
AS SHOWN - 2

DURABLE 4" WHITE LINE
STA. 21+50.0 - STA. 27+25.0, LT.
STA. 21+50.0 - STA. 27+25.0, RT.

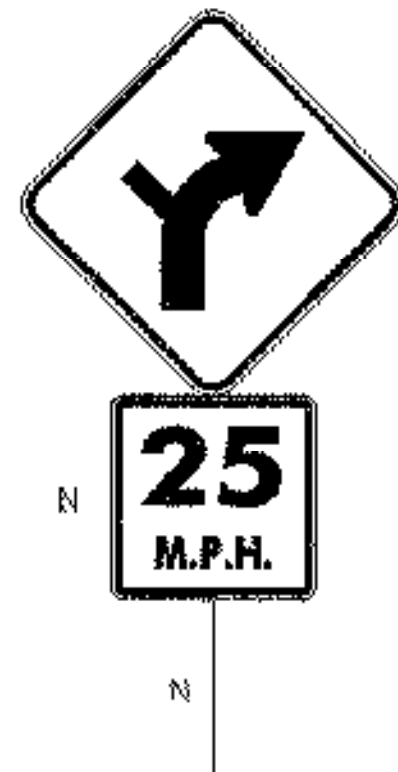
DURABLE 4" YELLOW LINE (DOUBLE)
STA. 21+50.0 - STA. 27+25.0, CL

TEMPORARY 4" WHITE LINE
STA. 21+50.0 - STA. 27+25.0, LT.
STA. 21+50.0 - STA. 27+25.0, RT.

TEMPORARY 4" YELLOW LINE (DOUBLE)
STA. 21+50.0 - STA. 27+25.0, CL

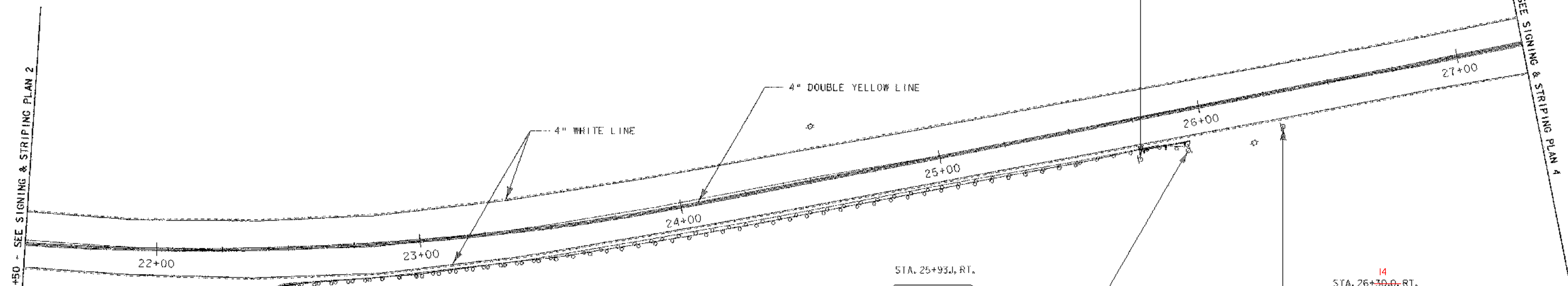
LINE STRIPING TARGETS
STA. 21+50.0 - STA. 27+25.0, CL

14
STA. 25+75.0, RT.

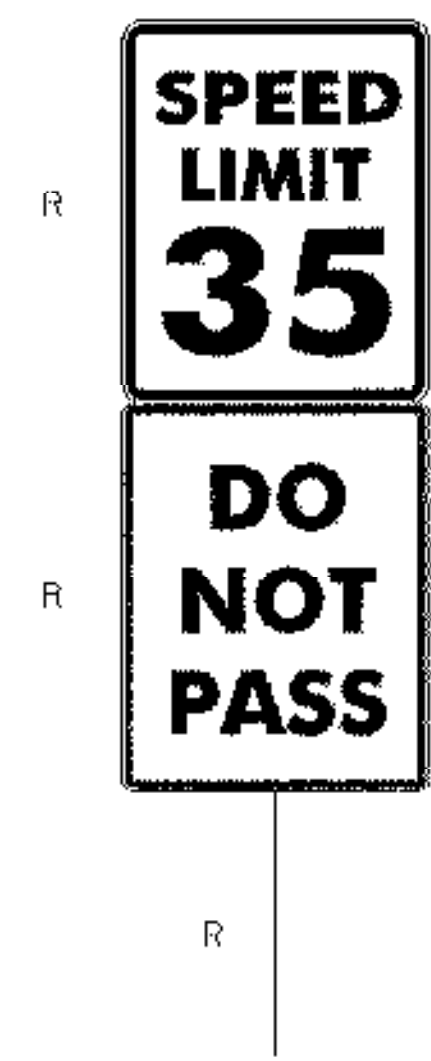


MATCHLINE - STA. 21+50 - SEE SIGNING & STRIPING PLAN 2

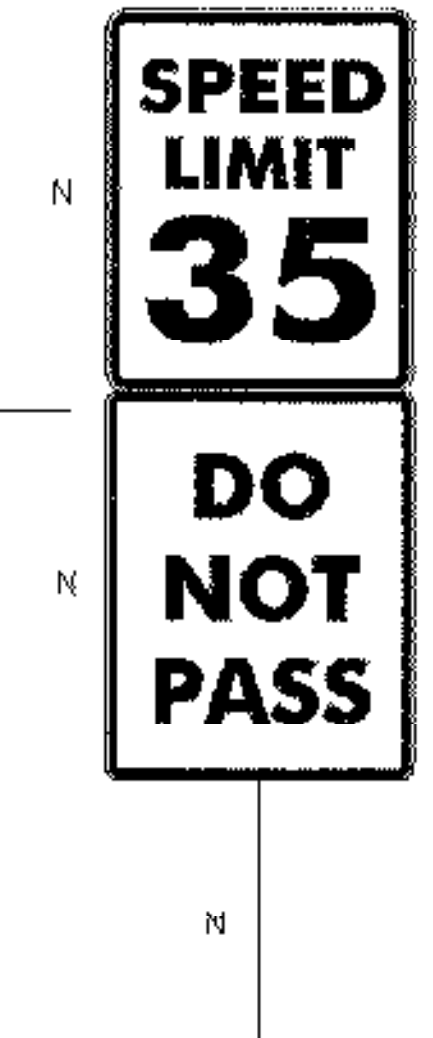
MATCHLINE - STA. 27+25 - SEE SIGNING & STRIPING PLAN 4



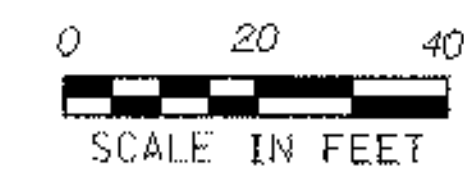
STA. 25+93.4, RT.



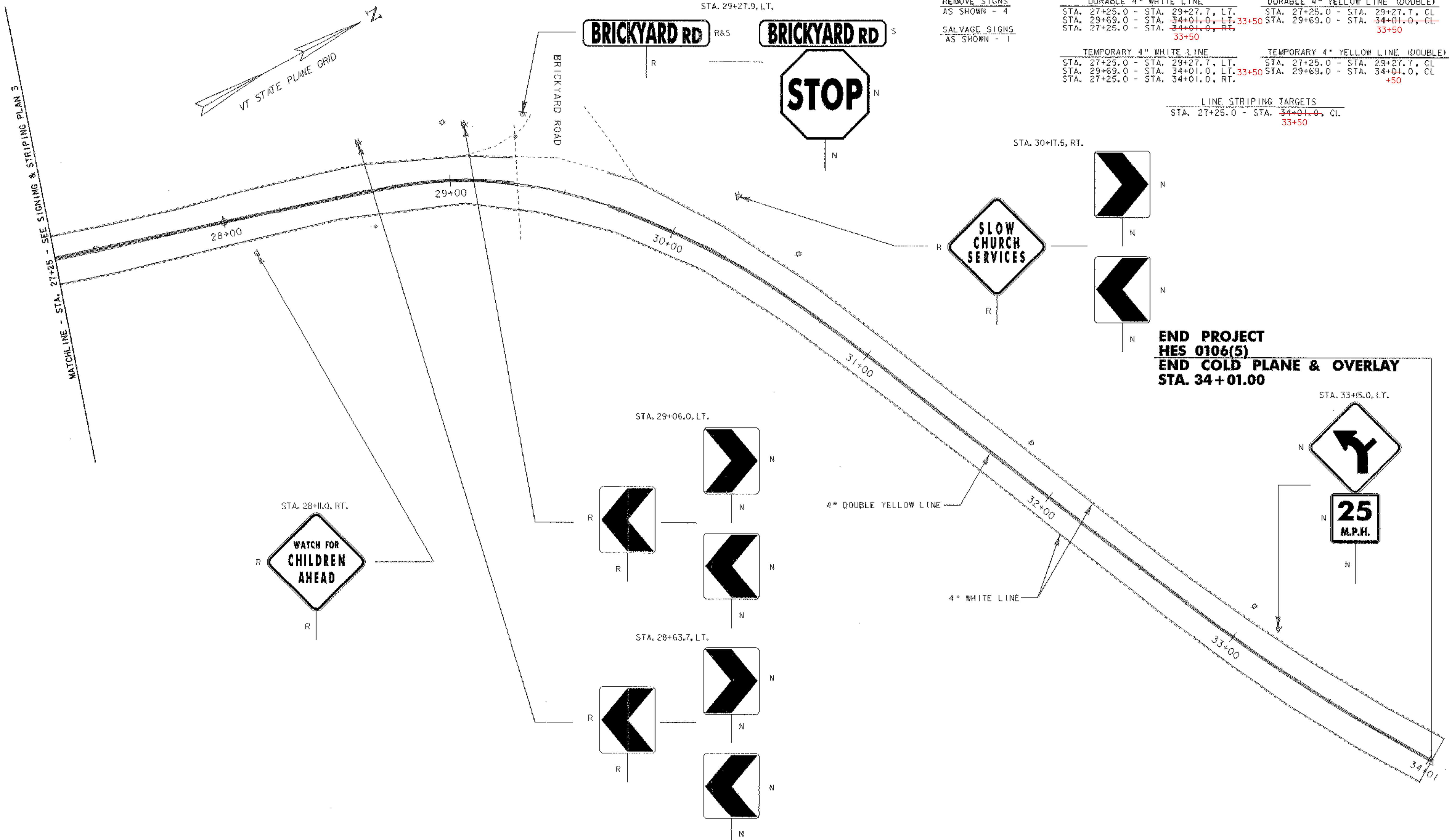
14
STA. 26+30.0, RT.



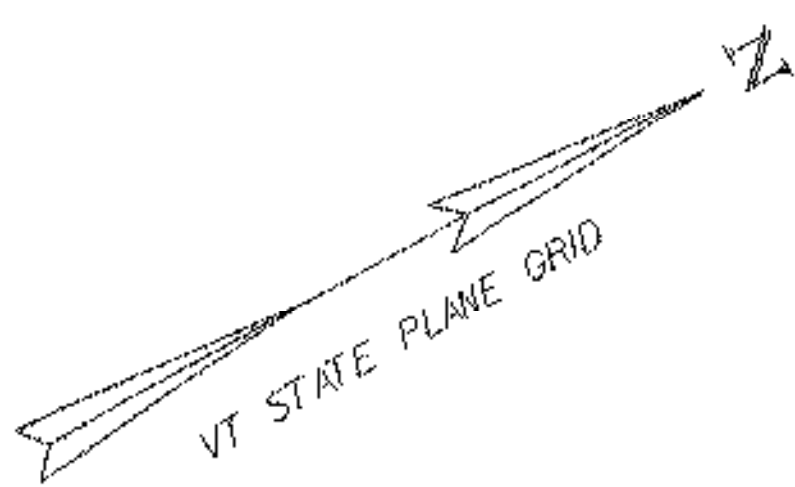
SIGN LEGEND
R REMOVE
RET RETAIN
N NEW
S SALVAGE
R&S REMOVE & SALVAGE



PROJECT NAME: DOVER
PROJECT NUMBER: HES 0106(5)
FILE NAME: d05c320bdr-ts.dgn
PROJECT LEADER: SDM
DESIGNED BY: MBL
SIGNING & STRIPING PLAN 3
PLOT DATE: 04/11/07
DRAWN BY: MBL
CHECKED BY: JLS
SHEET 13 OF 18



MATCHLINE - STA. 21+25 - SEE SIGNING & STRIPING PLAN 3



STA. 29+27.9, LT.

BRICKYARD RD R&S **BRICKYARD RD** S

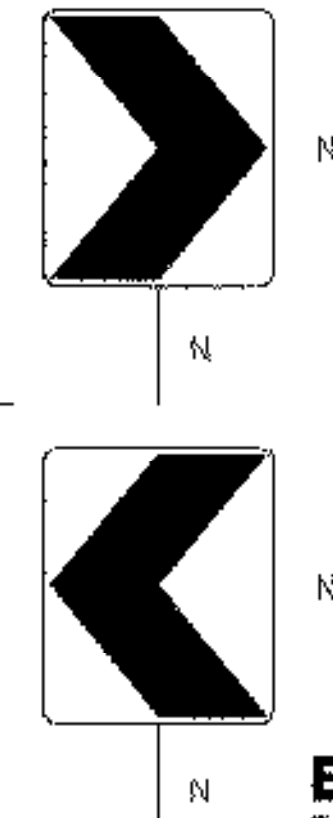


REMOVE SIGNS
AS SHOWN - 4
SALVAGE SIGNS
AS SHOWN - 1

DURABLE 4" WHITE LINE		DURABLE 4" YELLOW LINE (DOUBLE)	
STA. 27+25.0 - STA. 29+27.7, LT.	STA. 27+25.0 - STA. 29+27.7, CL	STA. 27+25.0 - STA. 29+27.7, CL	STA. 27+25.0 - STA. 29+27.7, CL
STA. 29+69.0 - STA. 34+01.0, LT. 33+50	STA. 29+69.0 - STA. 34+01.0, CL	STA. 29+69.0 - STA. 34+01.0, CL	STA. 29+69.0 - STA. 34+01.0, CL
STA. 27+25.0 - STA. 34+01.0, RT. 33+50			33+50
TEMPORARY 4" WHITE LINE		TEMPORARY 4" YELLOW LINE (DOUBLE)	
STA. 27+25.0 - STA. 29+27.7, LT.	STA. 27+25.0 - STA. 29+27.7, CL	STA. 27+25.0 - STA. 29+27.7, CL	STA. 27+25.0 - STA. 29+27.7, CL
STA. 29+69.0 - STA. 34+01.0, LT. 33+50	STA. 29+69.0 - STA. 34+01.0, CL	STA. 29+69.0 - STA. 34+01.0, CL	STA. 29+69.0 - STA. 34+01.0, CL
STA. 27+25.0 - STA. 34+01.0, RT.			+50

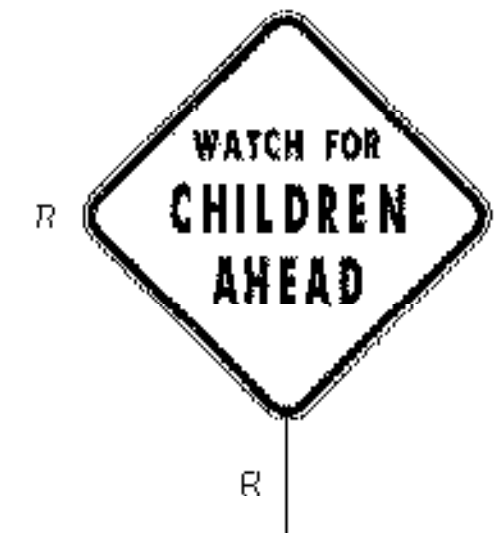
LINE STRIPING TARGETS
STA. 27+25.0 - STA. 34+01.0, CL.
33+50

STA. 30+17.5, RT.

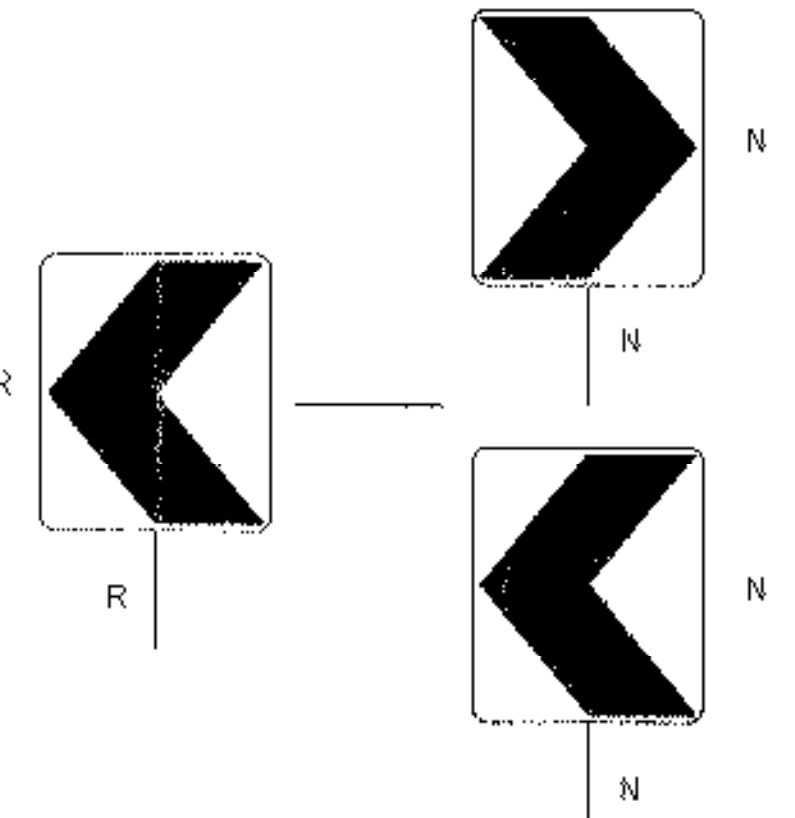


**END PROJECT
HES 0106(5)
END COLD PLANE & OVERLAY
STA. 34+01.00**

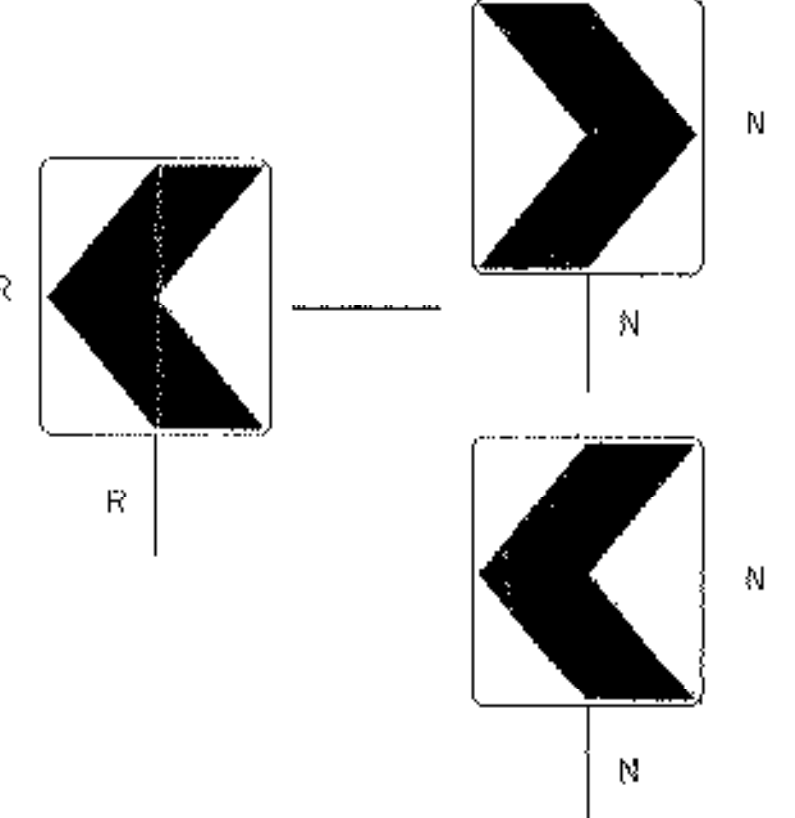
STA. 28+11.0, RT.



STA. 29+06.0, LT.



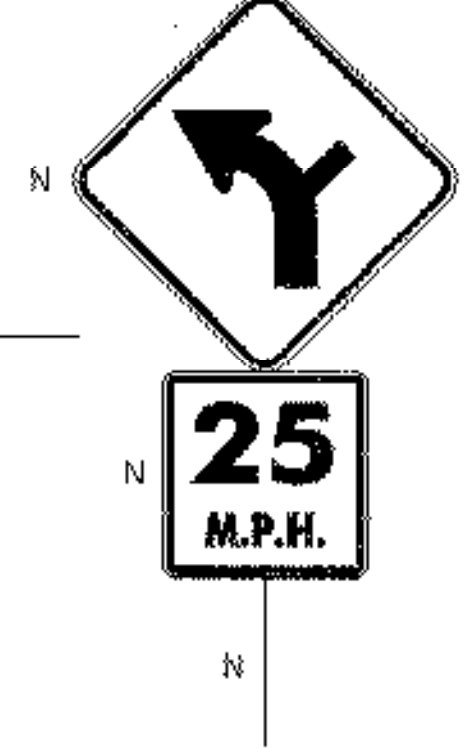
STA. 28+63.7, LT.



4" DOUBLE YELLOW LINE

4" WHITE LINE

STA. 33+15.0, LT.






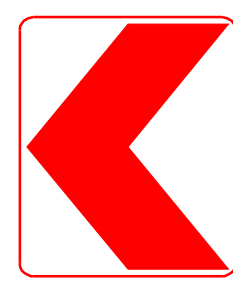
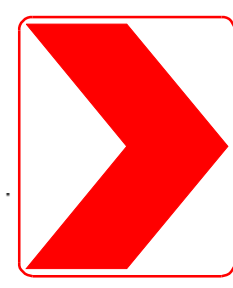

SIGN LEGEND

- R REMOVE
- RET RETAIN
- N NEW
- S SALVAGE
- R&S REMOVE & SALVAGE



PROJECT NAME: DOVER	PLOT DATE: 04/11/07
PROJECT NUMBER: HES 0106(5)	DRAWN BY: MBL
FILE NAME: d05c320bdr-ts.dgn	CHECKED BY: JLS
PROJECT LEADER: SDM	SHEET 14 OF 18
DESIGNED BY: MBL	
SIGNING & STRIPING PLAN 4	

TRAFFIC SIGN SUMMARY SHEET # 1

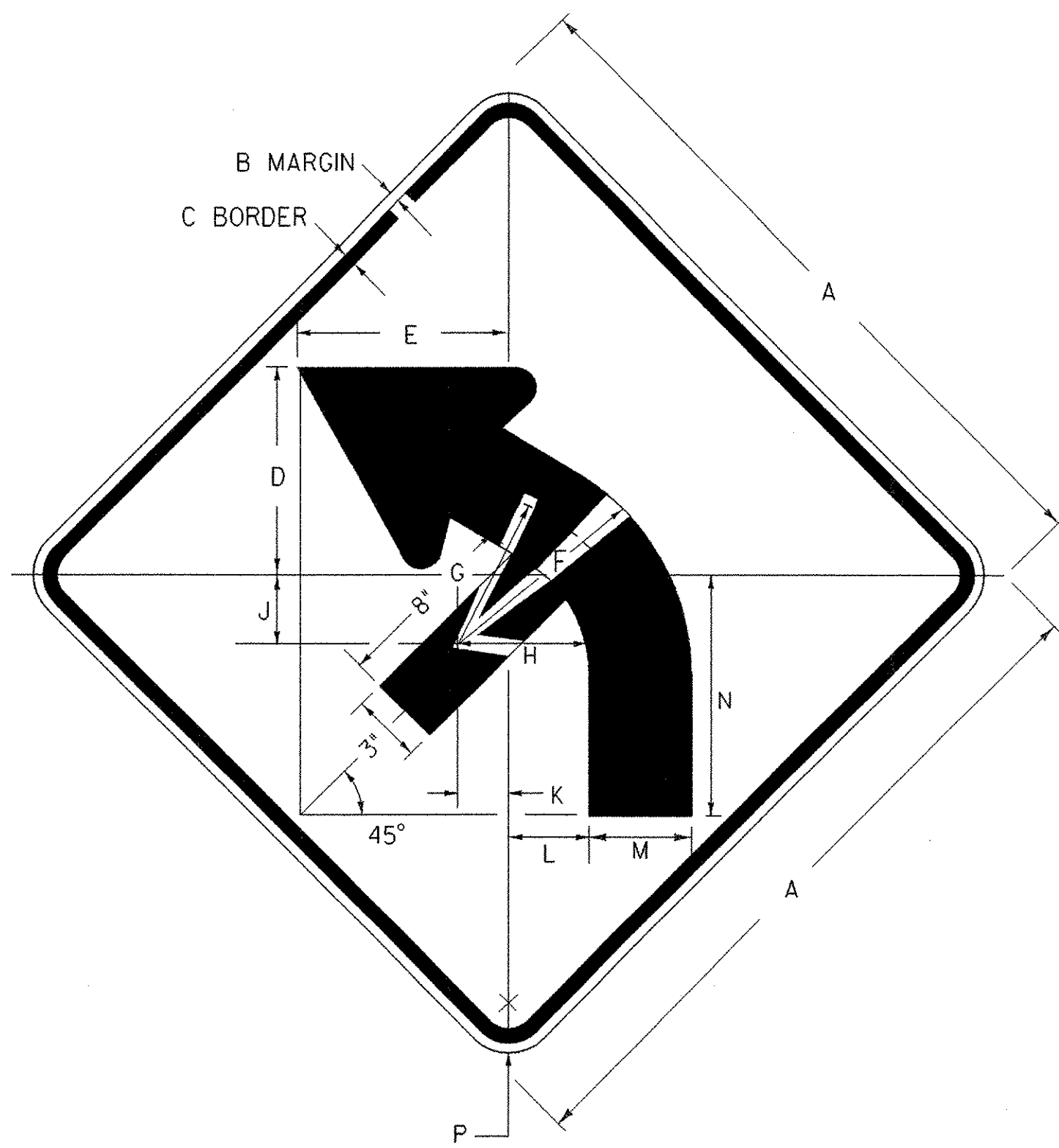
MILE MARKER, STATION OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST		NO. OF POST	NEW SIGN POSTS														REMARKS	SIGN DETAIL					
		EACH	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN		SALVAGE	FLANGED CHANNEL (LB / FT)			SQUARE STEEL (in) (LB / FT)			TUBULAR ALUMINUM Ø (IN) (LB / FT)			TUBULAR STEEL Ø (IN) (LB / FT)					W-SHAPE STEEL (LB / FT)				DETAIL ON SHEET NUMBER	STANDARD SHEET NUMBER
												1.12	2.00	3.00	1.75	2.00	2.50	3.00	4.00	4.0 MOD	FOUNDATION		FTG. SIZE			WEIGHT	POST SIZE	SIGN FRAME REQUIRED			
																	ANCHOR	SLEEVE				24"	30"								
10+55.0, RT.	YEAW ROAD 	1	30.0	30.0	6.3		1			1		X 14.0	X														SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.		E-123		
																											R1-1	E-143			
11+30.4, RT.	 	1	30.0	30.0	6.3					1		X 16.0	X														W1-2mb L	17			
																												W13-1	E-155		
15+00.0, RT. 15+75.0, RT. 16+65.0, RT. 17+50.0, RT. 28+11.0, RT. 28+83.7, LT. 29+06.0, LT. 30+17.5 RT		7	24.0	30.0	36.0					7		14.0 14.0 14.0 X 14.0 14.0 14.0	X														W1-8	E-150			
15+00.0, RT. 15+75.0, RT. 16+65.0, RT. 17+50.0, RT. 28+11.0, RT. 28+83.7, LT. 29+06.0, LT. 30+17.5 RT		7	24.0	30.0	36.0					7		14.0 14.0 14.0 X 14.0 14.0 14.0	X														W1-8	E-150			
16+80.2, LT.	TAFT BROOK ROAD 	1	30.0	30.0	6.3		1			1		14.0 X	X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKET REQUIRED TO INSTALL SALVAGED SIGN ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	E-123		
																												R1-1	E-143		

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

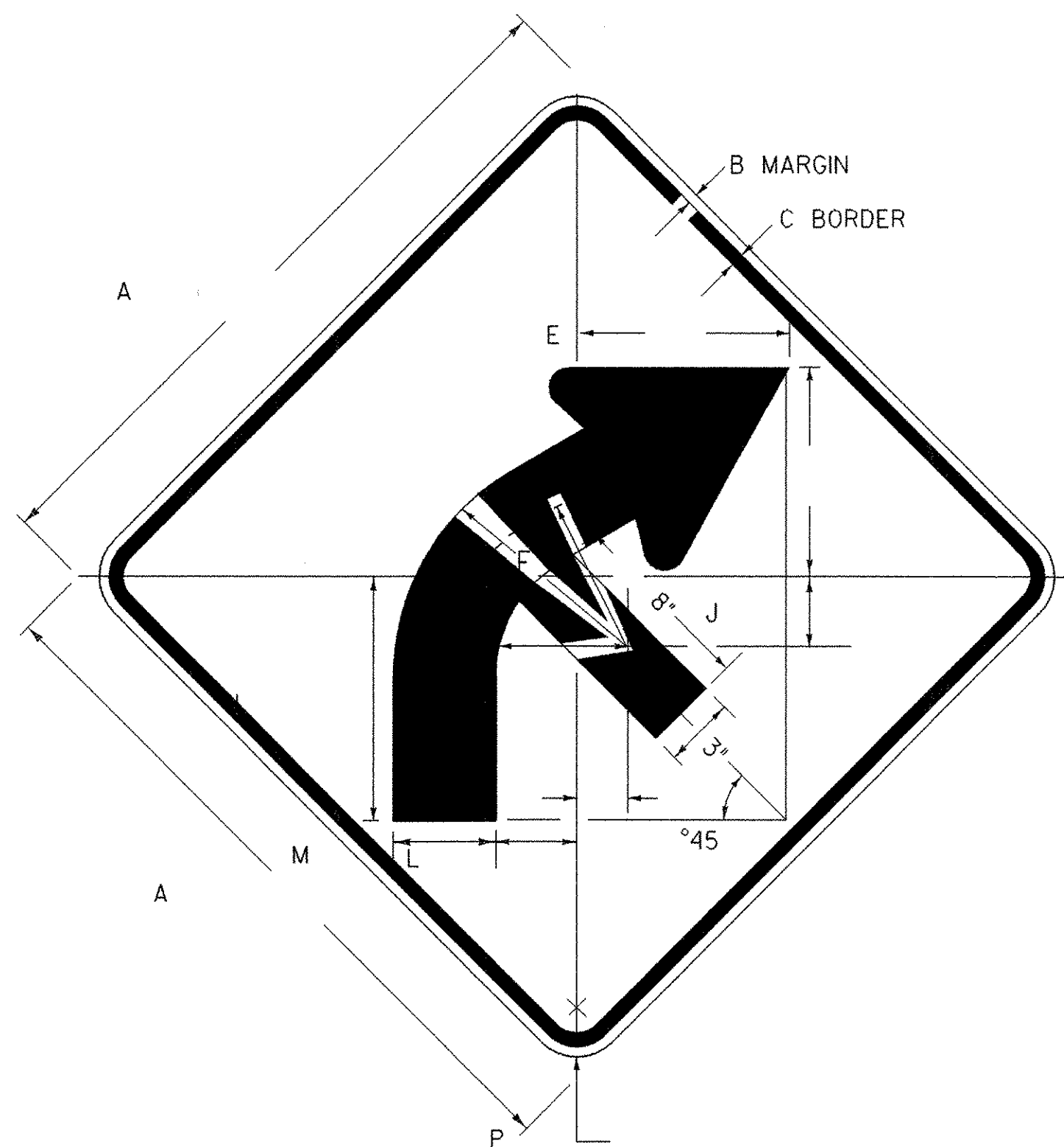
TOTALS	SF	SF	EA.	SF	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	FT	FT	EA.	LB	EA.	LB	EA.	EA.	LB
	91.0	0	2				255	255								

PROJECT NAME: DOVER
PROJECT NUMBER: HES 0106(5)
FILE NAME: d05c3201rn.dgn
PROJECT MANAGER: SDM
DESIGNED BY: MBL
TRAFFIC SIGN SUMMARY SHEET #1

PLOT DATE: 01/24/2007
DRAWN BY: MBL
CHECKED BY: JLS
SHEET 15 OF 18

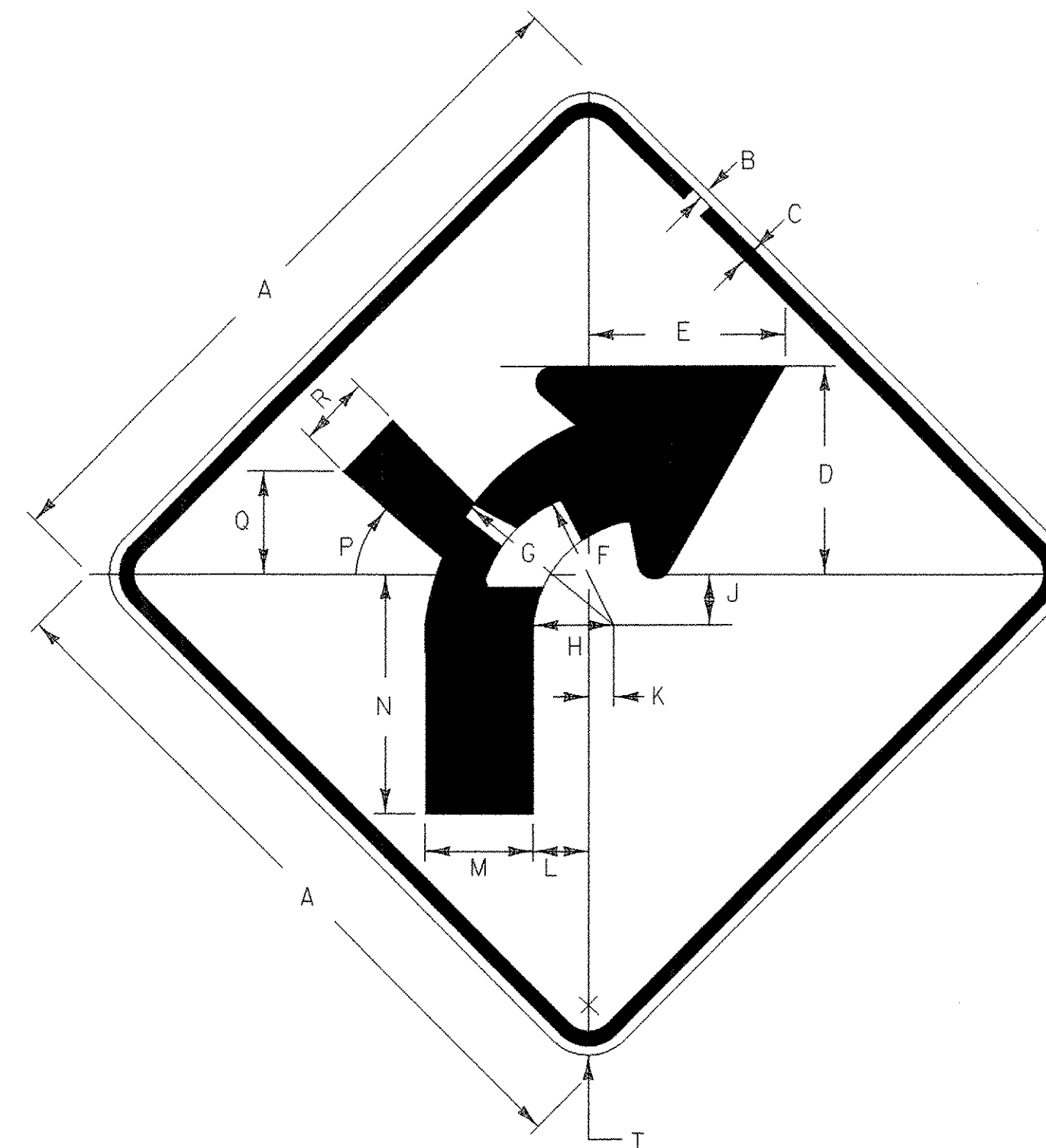


W1-2Mb L

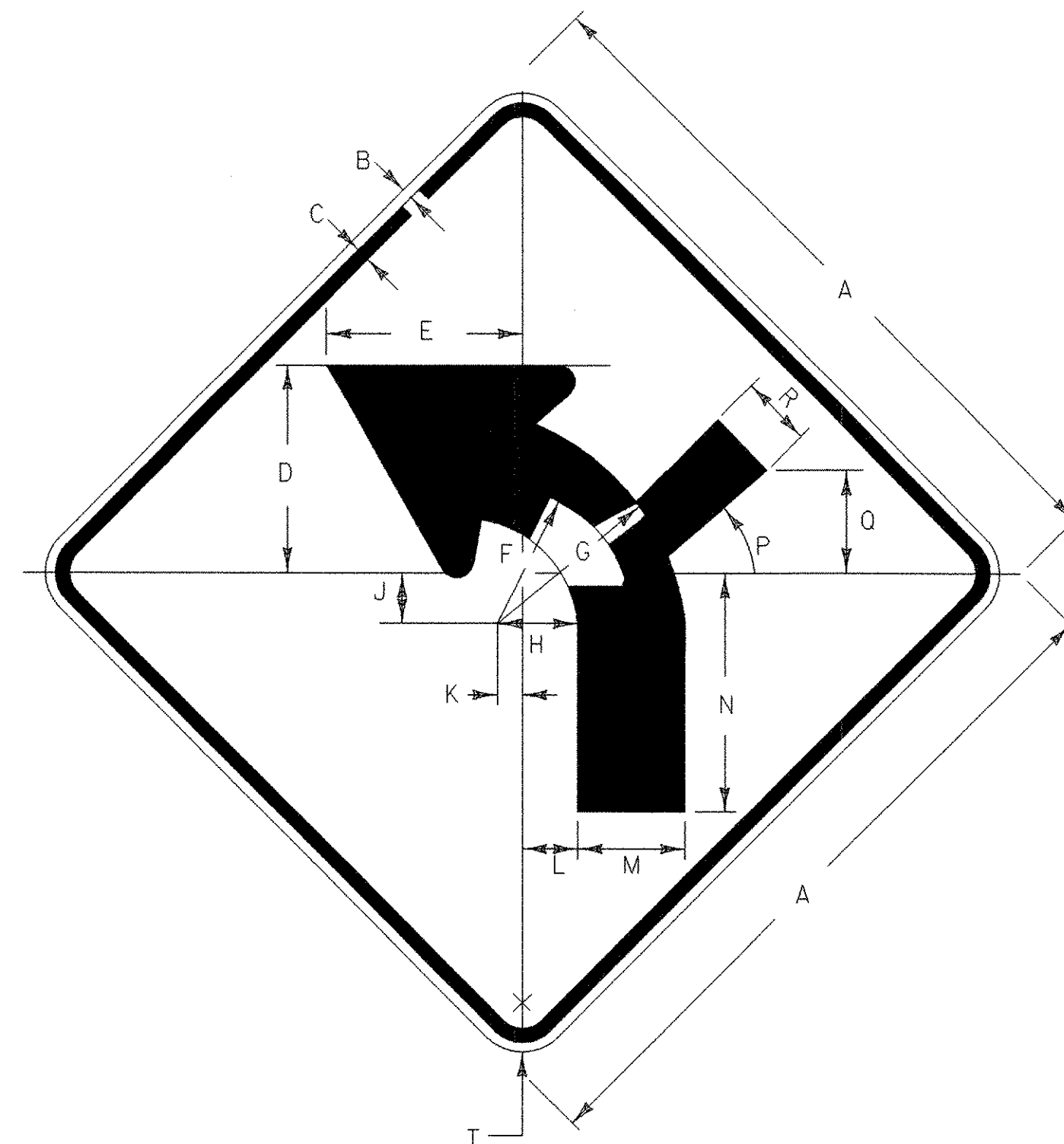


COLORS: **W1-2Mb R**
 BORDER AND SYMBOL - BLACK (NON-REFLECT.)
 BACKGROUND - YELLOW (RETROREFLECTIVE)

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P		
STD.	30	1/2	3/4	8/8	9 1/16	10	7 13/16	5 5/8	2 15/16	2 3/16	3 1/16	4 3/8	10 15/16	1 7/8		



W1-10R



W1-10L

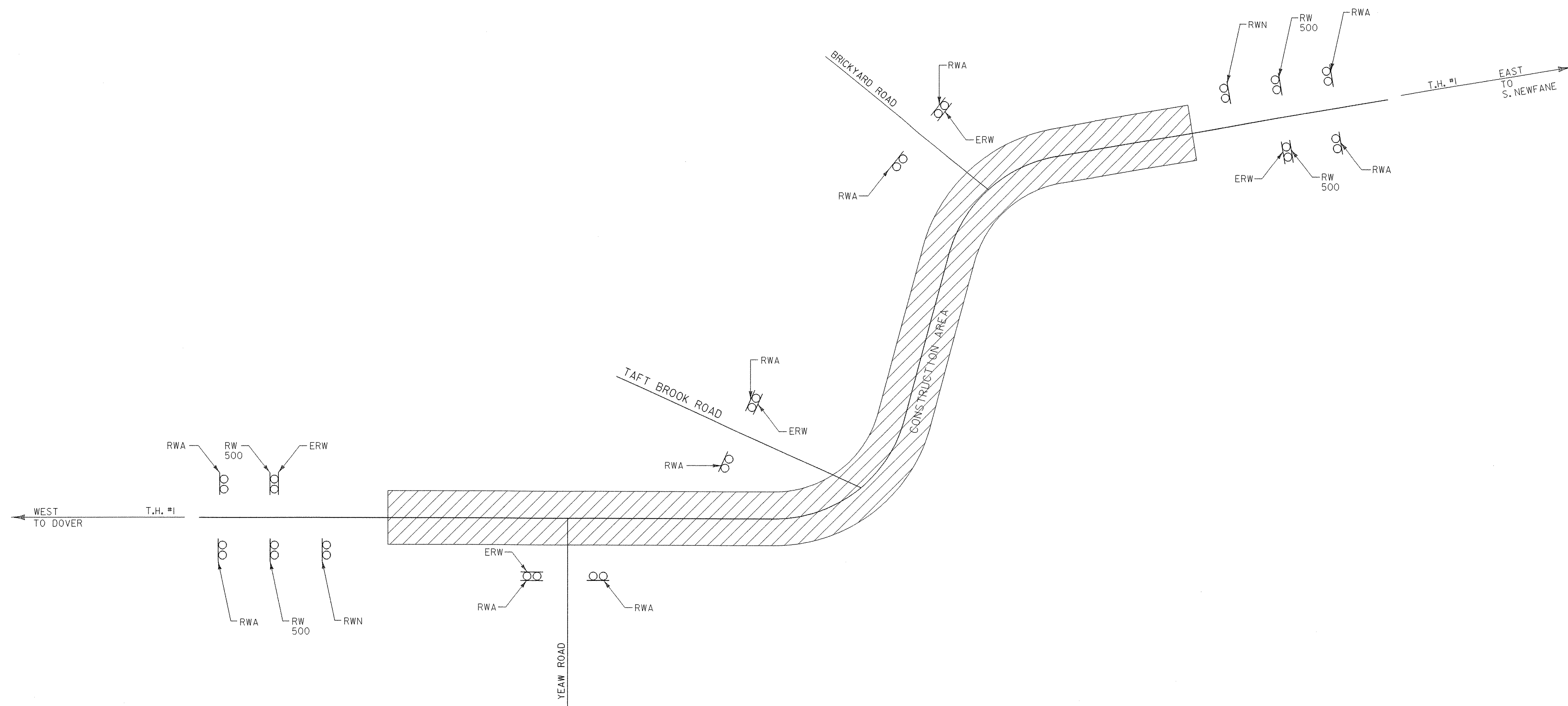
COLORS:
 BLACK SYMBOL & BORDER
 WITH YELLOW BACKGROUND

SIGN	DIMENSIONS (INCHES)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
STD.	30	0.50	0.75	9.727	7.525	9.807	7.805	5.804	2.241	2.321	3.482	4	9.727	45°	5.163	2.601	9.607	1.875

PROJECT NAME: DOVER
 PROJECT NUMBER: HES 0106(5)

FILE NAME: d05c320frrm.dgn
 PROJECT LEADER: SDM
 DESIGNED BY: MBL
SIGN DETAILS

PLOT DATE: 04/11/07
 DRAWN BY: MBL
 CHECKED BY: JLS
 SHEET 17 OF 18



	ROAD WORK AHEAD	ROAD WORK 500 FT	END ROAD WORK	ROAD WORK NEXT 1/2 MILE
BEGIN PROJECT	2	2	1	1
END PROJECT	2	2	1	1
SIDE ROADS	6	0	3	0
TOTAL	10	4	5	2

LEGEND
 RWA = ROAD WORK AHEAD
 RW500 = ROAD WORK 500 FT
 ERW = END ROAD WORK
 RWN = ROAD WORK NEXT 1/2 MILE

CONSTRUCTION APPROACH SIGNING

NOT TO SCALE
 SEE STD E-100 FOR SIGN PLACEMENT

NOTES:

1. CONSTRUCTION APPROACH SIGNING SHALL NOT INTERFERE OR BLOCK VISIBILITY OF EXISTING TRAFFIC CONTROL DEVICES.
2. PAYMENT FOR CONSTRUCTION APPROACH SIGNING WILL BE MADE UNDER PAY ITEM 641.10

PROJECT NAME:	DOVER
PROJECT NUMBER:	HES 0106(5)
FILE NAME:	d05c320frm.dgn
PLOT DATE:	04/11/07
PROJECT LEADER:	SDM
DRAWN BY:	MBL
DESIGNED BY:	MBL
CHECKED BY:	JLS
CONSTRUCTION APPROACH SIGNING	SHEET 18 OF 18