ITEM DETAIL SUMMARY SHEET

(SEE LAYOUTS FOR FINAL GUARD RAIL CHANGES)

Metric

LOCATION			MISCELLANEOUS ITEMS										DRAINAGE ITEMS								GUARD RAIL ITEMS											REMARKS
STA	STA	POS.	203.15 COM. EXCAV.	203.28 EXCAV. OF SURFACES AND PAVE.	203.30 EARTH BORROW	204.20 TRENCH EXCAV. OF EARTH	204.21 TRENCH EXCAV. OF ROCK	301.28 SUBBASE OF CRUSHED GRAVEL	402.12 AGG. SHOULD. (MOD.)	616.30 BITUM. CONC. CURB TYPE A	616.47 8. CONC. GUTTER & TRAF. ISLAND	618.10 PORT. CEMENT CONC. WALK (125mm)	501.25 CONC. CLASS B	507.15 REIN. STEEL	604.40 CHANGE ELEV.	604.412 REHAB. D.I. CLASS I	604.47 CAST IRON GRATE TYPE D	NEW PIPE DIA.	NEW PIPE LENGTH/ TH/CL	613.10 STONE FILL TYPE I	619.17 YIELD. MARKER POSTS	621.20 STEEL POST G.R.	(MOD.) 2.4 M STEEL POST G.R.	621.505 MAN. TERMINAL SECTION	621.54 MELT	621.60 ANCHOR FOR G.R.	621.75 REMOVE AND RESET G.R.	621.76 REPLACE POST ASSEM.	621.77 REPLACE BEAM UNIT	621.80 REMOVE & DISP. OF G.R.	621.81 REMOVE & DISP. OF GUIDE POSTS	
			m3	m3	m3	m3	m3	T	T	T	T	m2	m3	KG	EA	EA	EA	mm	M	m3	EA	M	M	EA	EA	EA	M	EA	EA	M	EA	
DERBY																																
0+000	8+237	LT&RT				1		2,300	1,850						20	19				100	3											ESTIMATED QUANTITIES TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
0+000	0+136	LT	10								20																					REPLACE EXISTING BITUMINOUS CONCRETE GUTTER, SEE DETAIL ON SHEET 3.
0+683	0+690	LT		30																												REMOVE EXISTING PAVEMENT/ISLAND & REPLACE WITH TOPSOIL.
0+740		RT		3						0.8																						REMOVE DRIVE.
0+785		RT		3						0.8																						REMOVE DRIVE.
1+228	1+334	RT			40				10													83.6		2						106.4		REPLACE EXISTING STEEL BEAM GUARD RAIL.
1+493		RT																										1				REPLACE DAMAGED POST IN ALUMINUM RAIL
1+639	1+697	RT			20				5													46.4		1						57.8		REPLACE EXISTING STEEL BEAM GUARD RAIL.
1+720	1+947	LT			40				10													368.6		1		1				380		REPLACE EX. CABLE RAIL. REMOVE ENTIRE LENGTH OF RAIL ALONG RAMP A & US RT 5 & REPLACE WITH S.B.
1+725	1+850	RT																				129.2				1				129.2		REPLACE EXISTING S.B. GUARD RAIL. CONNECT TO EXIST. S.B. GUARD RAIL ON RAMP & TH #30.
1+858	1+906	RT			20				5													41.8		1		1				53.2		REPLACE EXISTING S.B. GUARD RAIL. CONNECT TO EXIST. S.B. GUARD RAIL @ TH #30.
2+130	2+216	LT	5								11																					REPLACE EXISTING BITUMINOUS CONCRETE GUTTER, SEE DETAIL ON SHEET 3.
3+165	3+177	RT	1								2.5																					REPLACE EXISTING BITUMINOUS CONCRETE GUTTER, SEE DETAIL ON SHEET 3.
5+491	5+669	LT			40				10														155.8	2						178		REPLACE EXISTING STEEL BEAM GUARD RAIL.
5+639	5+878	RT			40				10														216.6	2						239		REPLACE EXISTING STEEL BEAM GUARD RAIL.
5+732	5+815	LT			40				10														60.8	2						81		REPLACE EXISTING STEEL BEAM GUARD RAIL.
5+995	6+081	LT			40				10														64.6	2						86		REPLACE EXISTING STEEL BEAM GUARD RAIL.
6+645	6+823	RT									43																					OVERLAY EXISTING BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET 3.
6+856	6+867	LT			20				5															1						11		ATTACH TO EXISTING FASCIA BR. RAIL AT 6+867 LT.
6+871	6+882	LT			20				5															1						11		ATTACH TO EXISTING FASCIA BR. RAIL AT 6+871 LT.
6+856	6+867	RT			20				5															1						11		ATTACH TO EXISTING FASCIA BR. RAIL AT 6+867 RT.
6+871	6+882	RT			20				5															1						11		ATTACH TO EXISTING FASCIA BR. RAIL AT 6+871 RT.
7+311	7+448	RT			20				10													114.0		2						136.8		REPLACE EXISTING GUARD RAIL @ I91 OVERPASS BRIDGE PIERS.
7+317	7+461	LT			20				10													129.2		2						144.4		REPLACE EXIST. G.R. @ I91 OVERPASS BRIDGE PIERS. EXTRA POSTS REQ. @ FIRST PIER, SEE DETAIL ON SH 27.
7+598	7+647	LT			40				10														26.6	2						49		REPLACE EXISTING STEEL BEAM GUARD RAIL.
7+619	7+675	RT			40				10														34.2	2						56		REPLACE EXISTING STEEL BEAM GUARD RAIL.
7+852	7+907	RT	7								16																					REPLACE EXISTING BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET 3.
SUB-TOTALS			23	36	480	1		2,300	1,980	1.6	92.5				20	19				100	3	912.8	558.6	25		3		1		1,740.8		
ROUNDING			2	4	--	--		--	--	0.4	2.5				--	--				--	--	2.2	1.4	--		--		--		9.2		
PROJECT TOTALS			25	40	480	1		2,300	1,980	2	95				20	19				100	3	915	560	25		3		1		1,750		

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ITEM DETAIL SHEET

DESIGNED BY BCE/PJM DATE 12-00
DRAWN BY C.E.A. INC. DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn
PRF FILE pc052atd.t DATE PLOTTED 05-JUN-2003
PROJ. NAME **DERBY**
PROJ. NO. **STP 2224(1)S**
SHEET **6** OF **27** SHEETS

TEMPORARY AND DURABLE 100mm YELLOW LINE
STA 0+000 TO 0+375 SOLID LT&RT
STA 0+375 TO 0+400 DOUBLE SOLID LT&RT
STA 0+316 LT DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE LETTER OR SYMBOL
STA 0+316 LT "STOP"

TEMPORARY AND DURABLE 100mm WHITE LINE
STA 0+000 TO 0+400 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

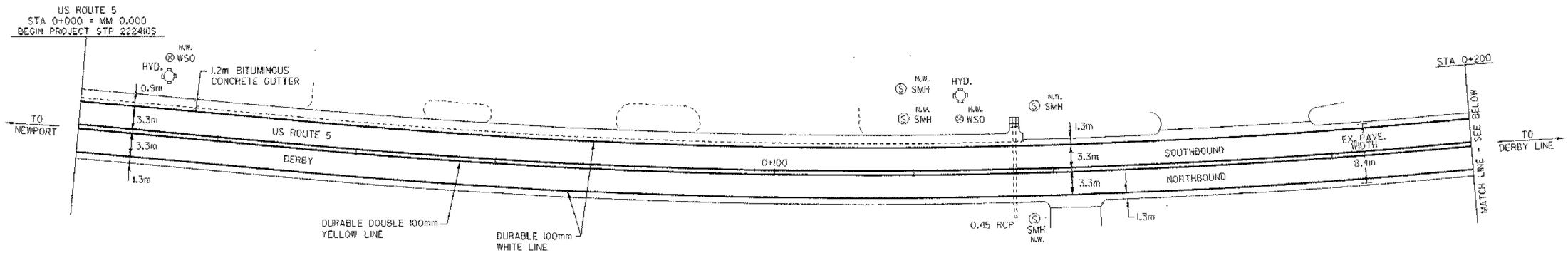
TEMPORARY AND DURABLE 600mm STOP BAR
STA 0+316 LT COMMUNITY DR

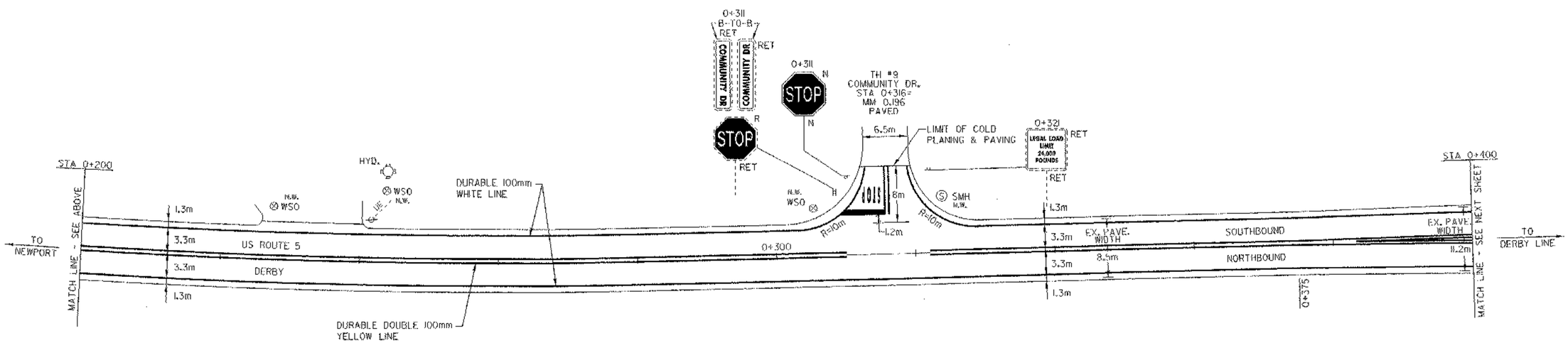
REMOVING SIGNS
1

BITUMINOUS CONCRETE GUTTER
STA 0+000 TO 0+136 LT

REHABILITATION OF D.I.'S, C.B.'S OR M.H.'S
STA 0+136 LT

NOTE: ADDED ITEM 646.40 DURABLE 100mm WHITE LINE (MOD) AND ITEM 646.41 DURABLE 100mm YELLOW LINE (MOD) MODIFICATION WAS TO USE LPM 1000 PAVEMENT MARKINGS. THESE ITEMS WERE ONLY USED FOR ALL LONG LINES. THERMOPLASTIC WAS STILL USED FOR ALL SIDE ROADS AND OTHER HAND WORK.





LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
U/E/J		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

ARCHIVED ON CADD

Metric

PAVING PROJECT LAYOUT #1

DESIGNED BY BCE/PJM DATE 12-00
DRAWN BY C.E.A., INC. DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn
PRF FILE pc052ap01.i DATE PLOTTED 05-JUN-2003
PROJ. NAME **DERBY**
PROJ. NO. **STP 2224(1)S**
SHEET **7** OF **27** SHEETS

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA 0+400 TO 0+475	DOUBLE SOLID LT&RT
STA 0+475 TO 0+800	SOLID LT, DASHED LT
STA 0+475 TO 0+800	SOLID RT, DASHED RT
STA 0+566 LT	DOUBLE SOLID LT
STA 0+684 RT	DOUBLE SOLID RT

(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 200mm YELLOW LINE
STA 0+400 TO 0+475 C.L.

TEMPORARY AND DURABLE 600mm STOP BAR

STA 0+566 LT	SHATTUCK HILL RD
STA 0+684 RT	CRAWFORD RD

TEMPORARY AND DURABLE 100mm WHITE LINE
STA 0+400 TO 0+800 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE LETTER OR SYMBOL

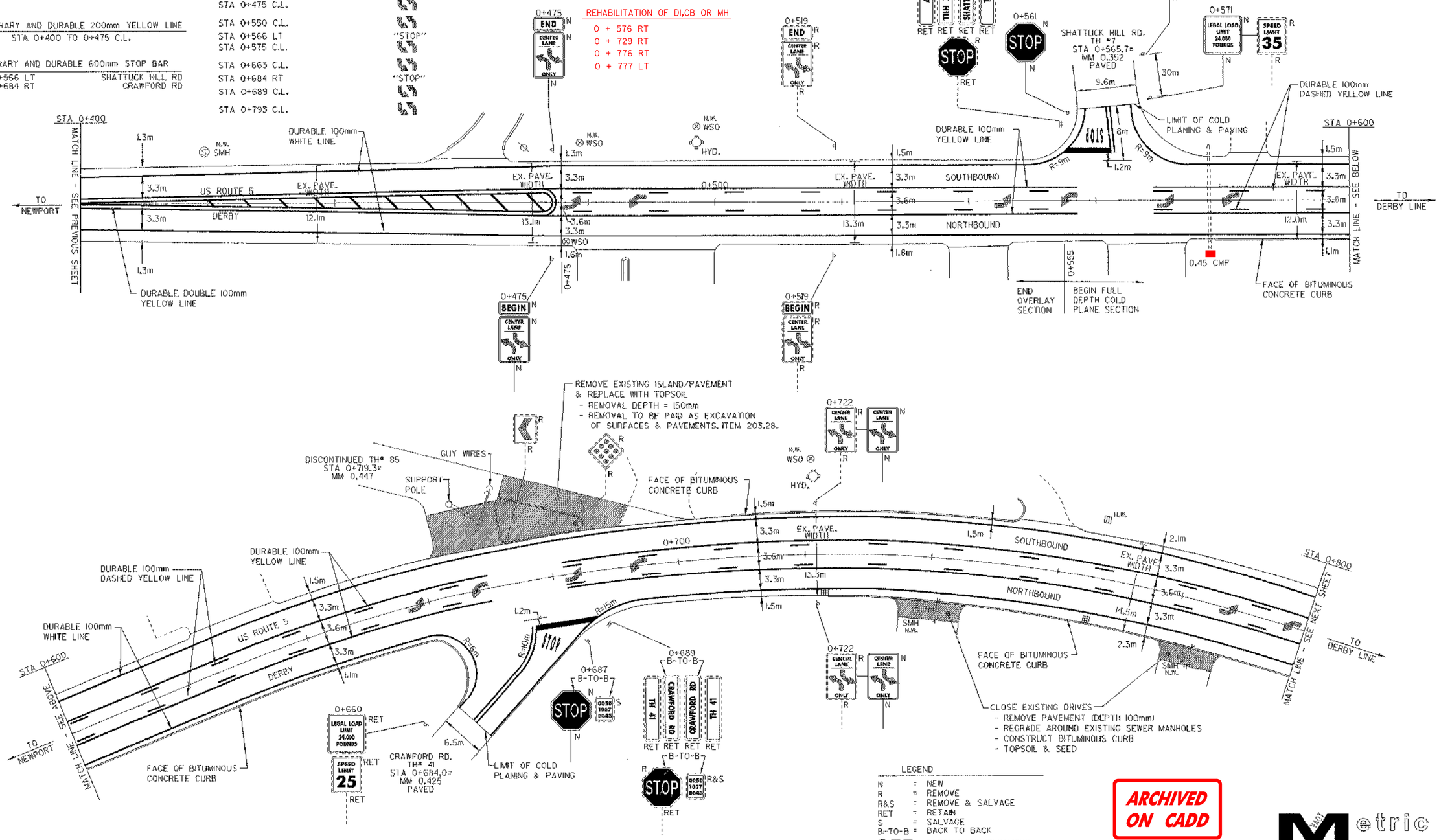
STA 0+475 C.L.	
STA 0+550 C.L.	
STA 0+566 LT	"STOP"
STA 0+575 C.L.	
STA 0+663 C.L.	
STA 0+684 RT	"STOP"
STA 0+689 C.L.	
STA 0+793 C.L.	

REMOVING SIGNS
12

~~CHANGING ELEVATION OF DI,'S, CB,'S OR MH,'S~~
~~STA 0+723 RT~~
~~STA 0+766 RT~~

ADJUST ELEVATION OF VALVE BOX
STA 0+475 RT

REHABILITATION OF DI,CB OR MH
0 + 576 RT
0 + 729 RT
0 + 776 RT
0 + 777 LT



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

ARCHIVED ON CADD

Metric

PAVING PROJECT LAYOUT #2

DESIGNED BY	BCE/PJM	DATE	12-00
DRAWN BY	C.E.A., INC.	DATE	12-00
DESIGN FILE NO.	/pave/00c052/pc052a.dgn		
PRF FILE	pc052ap02.1	DATE PLOTTED	05-JUN-2003
PROJ. NAME	DERBY		
PROJ. NO.	STP 2224(1)5		
SHEET 8 OF 27 SHEETS			

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA 0+800 TO 1+160	SOLID LT, DASHED LT
STA 0+800 TO 1+160	SOLID RT, DASHED RT
STA 0+871	DOUBLE SOLID LT
STA 1+160 TO 1+200	DOUBLE SOLID LT

(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 100mm WHITE LINE

STA 0+800 TO 1+200	SOLID LT&RT
STA 1+195 TO 1+200	SOLID RT

(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 600mm STOP BAR

STA 0+871LT QUARRY RD

CHANGING ELEVATION OF D.I.'S, C.B.'S OR M.H.'S

~~STA 0+810 RT~~
~~STA 0+820 LT~~
~~STA 0+874 RT~~
~~STA 0+880 LT~~
~~STA 0+995 RT~~
~~STA 1+001LT~~
~~STA 1+102 LT&RT~~

CHANGING ELEVATION OF SEWER MANHOLE

STA 0+867 LT 1+ 020 RT
1+ 100 RT

REMOVING SIGNS

14

DURABLE LETTER OR SYMBOL

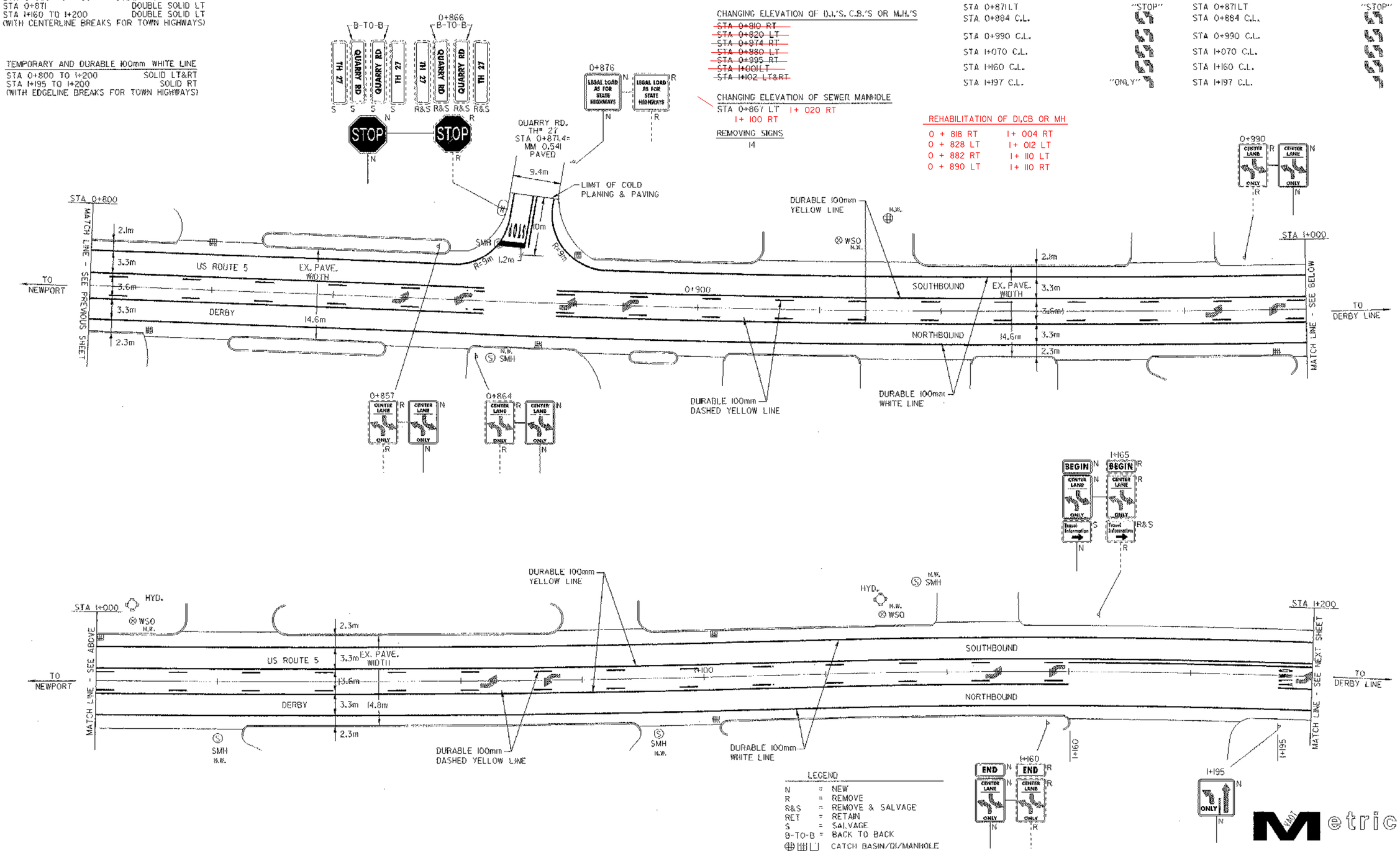
STA 0+856 C.L.	
STA 0+871LT	"STOP"
STA 0+884 C.L.	
STA 0+990 C.L.	
STA 1+070 C.L.	
STA 1+160 C.L.	
STA 1+197 C.L.	"ONLY"

TEMPORARY LETTER OR SYMBOL

STA 0+856 C.L.	
STA 0+871LT	"STOP"
STA 0+884 C.L.	
STA 0+990 C.L.	
STA 1+070 C.L.	
STA 1+160 C.L.	
STA 1+197 C.L.	

REHABILITATION OF DI,CB OR MH

0 + 818 RT	1+ 004 RT
0 + 828 LT	1+ 012 LT
0 + 882 RT	1+ 110 LT
0 + 890 LT	1+ 110 RT



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PAVING PROJECT LAYOUT #3

DESIGNED BY	BCE/PJM DATE 12-00
DRAWN BY	C.E.A., INC. DATE 12-00
DESIGN FILE NO.	/pave/00c052/pc052a.dgn
PRF FILE	pc052ap03.1 DATE PLOTTED 05-JUN-2003
PROJ. NAME	DERBY
PROJ. NO.	STP 2224(1)S
SHEET	9 OF 27 SHEETS

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA 1+200 TO 1+246	DOUBLE SOLID LT
STA 1+251	DOUBLE SOLID LT
STA 1+266 TO 1+360	SOLID LT&RT
STA 1+373 TO 1+446	SOLID LT&RT
STA 1+467 TO 1+620	SOLID LT&RT

(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

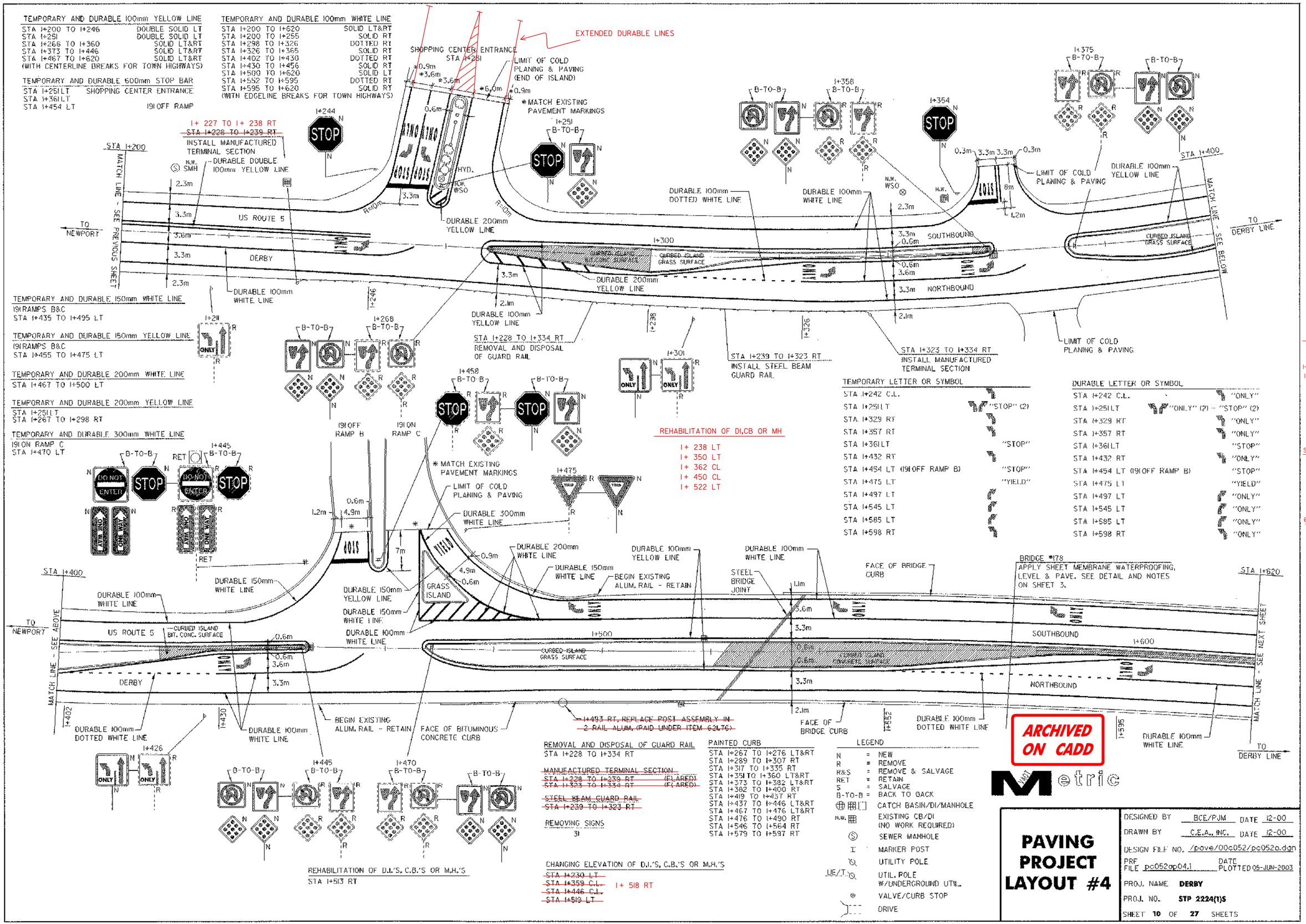
TEMPORARY AND DURABLE 600mm STOP BAR

STA 1+251 LT	SHOPPING CENTER ENTRANCE
STA 1+361 LT	
STA 1+454 LT	191 OFF RAMP

TEMPORARY AND DURABLE 100mm WHITE LINE

STA 1+200 TO 1+620	SOLID LT&RT
STA 1+200 TO 1+255	SOLID RT
STA 1+298 TO 1+326	DOTTED RT
STA 1+326 TO 1+365	SOLID RT
STA 1+402 TO 1+430	DOTTED RT
STA 1+430 TO 1+456	SOLID RT
STA 1+500 TO 1+620	SOLID LT
STA 1+552 TO 1+595	DOTTED RT
STA 1+595 TO 1+620	SOLID RT

(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)



MANUFACTURED TERMINAL SECTION

1+227 ~ 1+238 RT
1+334.1 ~ 1+345.1 RT
1+449.8 ~ 1+460.8 RT
1+502.5 ~ 1+513.5 LT

STEEL BEAM GUARD RAIL

1+238 ~ 1+334.1 RT
1+460.8 ~ 1+507 RT
1+513.5 ~ 1+525.4 LT

621.60 ANCHOR FOR SBGR

1+504 RT
1+523 LT

TEMPORARY LETTER OR SYMBOL

STA 1+242 C.L.	
STA 1+251 LT	"STOP" (2)
STA 1+329 RT	
STA 1+357 RT	
STA 1+361 LT	"STOP"
STA 1+432 RT	
STA 1+454 LT (191 OFF RAMP B)	"STOP"
STA 1+475 LT	"YIELD"
STA 1+497 LT	
STA 1+545 LT	
STA 1+585 LT	
STA 1+598 RT	

DURABLE LETTER OR SYMBOL

STA 1+242 C.L.	"ONLY"
STA 1+251 LT	"ONLY" (2) - "STOP" (2)
STA 1+329 RT	"ONLY"
STA 1+357 RT	"ONLY"
STA 1+361 LT	"STOP"
STA 1+432 RT	"ONLY"
STA 1+454 LT (191 OFF RAMP B)	"STOP"
STA 1+475 LT	"YIELD"
STA 1+497 LT	"ONLY"
STA 1+545 LT	"ONLY"
STA 1+585 LT	"ONLY"
STA 1+598 RT	"ONLY"

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 1+228 TO 1+334 RT

~~MANUFACTURED TERMINAL SECTION~~
~~STA 1+228 TO 1+239 RT (F.LARED)~~
~~STA 1+323 TO 1+334 RT (F.LARED)~~

~~STEEL BEAM GUARD RAIL~~
~~STA 1+239 TO 1+323 RT~~

REMOVING SIGNS
31

CHANGING ELEVATION OF D.I.'S, C.B.'S OR M.H.'S
~~STA 1+230 LT~~
~~STA 1+359 C.L.~~
~~STA 1+446 C.L.~~
~~STA 1+513 LT~~
1+ 518 RT

PAINTED CURB

STA 1+267 TO 1+276 LT&RT	
STA 1+289 TO 1+307 RT	
STA 1+317 TO 1+335 RT	
STA 1+351 TO 1+360 LT&RT	
STA 1+373 TO 1+382 LT&RT	
STA 1+382 TO 1+400 RT	
STA 1+419 TO 1+437 RT	
STA 1+437 TO 1+446 LT&RT	
STA 1+467 TO 1+476 LT&RT	
STA 1+476 TO 1+490 RT	
STA 1+546 TO 1+564 RT	
STA 1+579 TO 1+597 RT	

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

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Metric

PAVING PROJECT LAYOUT #4

DESIGNED BY	BCE/PJM	DATE	12-00
DRAWN BY	C.E.A., INC.	DATE	12-00
DESIGN FILE NO.	/pave/00c052/pc052a.dgn		
PRF FILE	pc052ap04.1	DATE PLOTTED	05-JUN-2003
PROJ. NAME	DERBY		
PROJ. NO.	STP 2224(1)S		
SHEET 10 OF 27 SHEETS			

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA 1+620 TO 1+692 SOLID LT&RT
STA 1+707 TO 1+820 SOLID LT&RT
STA 1+820 TO 1+896 DOUBLE SOLID LT&RT
STA 1+853 DOUBLE SOLID RT
STA 1+896 TO 2+000 SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 150mm WHITE LINE

191 ON RAMP A & OFF RAMP D
STA 1+698 TO 1+758 LT&RT

TEMPORARY AND DURABLE 150mm YELLOW LINE

191 ON RAMP A & OFF RAMP D
STA 1+698 TO 1+758 LT&RT

TEMPORARY AND DURABLE 200mm WHITE LINE

STA 1+708 TO 1+763 LT
STA 1+710 RT
STA 1+728 TO 1+740 RT

TEMPORARY AND DURABLE 200mm YELLOW LINE

STA 1+820 TO 1+847 C.L.

TEMPORARY AND DURABLE 100mm WHITE LINE

STA 1+620 TO 2+000 SOLID LT&RT
STA 1+620 TO 1+700 SOLID RT
STA 1+620 TO 1+665 SOLID LT
STA 1+665 TO 1+692 DASHED LT
STA 1+763 TO 1+835 SOLID LT
STA 1+835 TO 1+896 DOTTED LT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 600mm STOP BAR

STA 1+708 RT 191 OFF RAMP D
STA 1+728 RT 191 OFF RAMP D
STA 1+853 RT WEST STREET

DURABLE LETTER OR SYMBOL

STA 1+625 LT "ONLY"
STA 1+642 RT "ONLY"
STA 1+662 LT "ONLY"
STA 1+688 RT "ONLY"
STA 1+708 RT "STOP"
STA 1+728 RT "STOP"
STA 1+760 LT "ONLY"
STA 1+800 LT "ONLY"
STA 1+833 LT "ONLY"
STA 1+853 RT "STOP"

TEMPORARY LETTER OR SYMBOL

STA 1+625 LT
STA 1+642 RT
STA 1+662 LT
STA 1+688 RT
STA 1+708 RT "STOP"
STA 1+728 RT "STOP"
STA 1+760 LT
STA 1+800 LT
STA 1+833 LT
STA 1+853 RT "STOP"

PAINTED CURB

STA 1+683 TO 1+692 LT&RT
STA 1+708 TO 1+717 LT&RT
STA 1+811 TO 1+820 LT&RT

REMOVING SIGNS

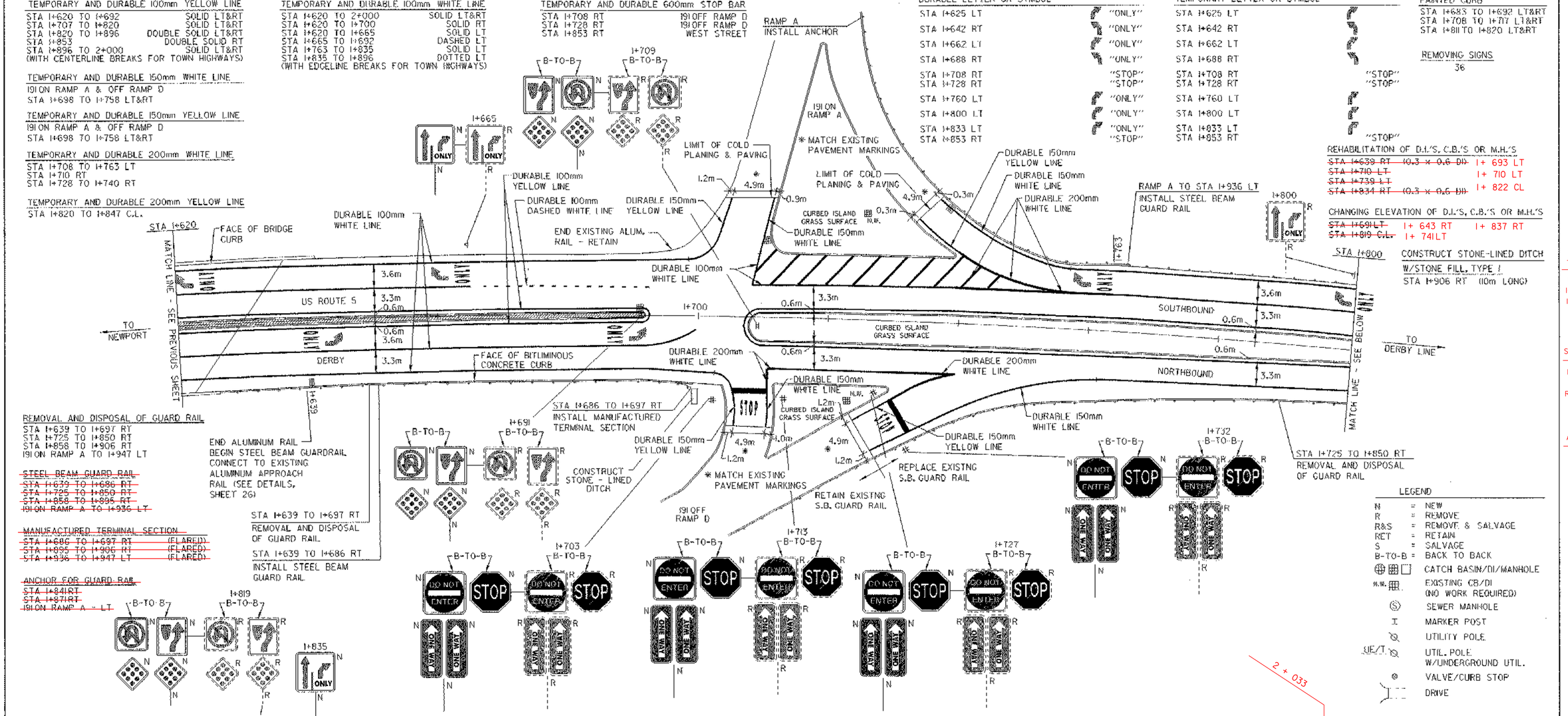
36

REHABILITATION OF D.I.'S, C.B.'S OR M.H.'S

~~STA 1+639 RT (0.3 x 0.6 DI)~~ 1+ 693 LT
~~STA 1+710 LT~~ 1+ 710 LT
~~STA 1+739 LT~~ 1+ 822 CL
~~STA 1+834 RT (0.3 x 0.6 DI)~~

CHANGING ELEVATION OF D.I.'S, C.B.'S OR M.H.'S

~~STA 1+691LT~~ 1+ 643 RT 1+ 837 RT
~~STA 1+819 C.L.~~ 1+ 741LT



REMOVAL AND DISPOSAL OF GUARD RAIL

STA 1+639 TO 1+697 RT
STA 1+725 TO 1+850 RT
STA 1+858 TO 1+906 RT
191 ON RAMP A TO 1+947 LT

~~STEEL BEAM GUARD RAIL~~

~~STA 1+639 TO 1+686 RT~~
~~STA 1+725 TO 1+850 RT~~
~~STA 1+858 TO 1+895 RT~~
~~191 ON RAMP A TO 1+936 LT~~

~~MANUFACTURED TERMINAL SECTION~~

~~STA 1+686 TO 1+697 RT (FLARED)~~
~~STA 1+895 TO 1+906 RT (FLARED)~~
~~STA 1+936 TO 1+947 LT (FLARED)~~

~~ANCHOR FOR GUARD RAIL~~

~~STA 1+841RT~~
~~STA 1+871RT~~
~~191 ON RAMP A - LT~~

MANUFACTURED TERMINAL SECTION

1+689.6 ~ 1+701RT
1+686.1~ 1+697.5 LT
1+935.6 ~ 1+947 LT

STEEL BEAM GUARD RAIL

1+643.9 ~ 1+689.6 RT
1+667 ~ 1+686.1LT
RAMP 'A' ~ 1+935.6 LT
1+735 ~ 1+854 RT

ANCHOR FOR SBGR

1+646 RT
1+669 LT
191 ON RAMP 'A'
1+844 RT
1+854 RT

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

ARCHIVED ON CADD

Metric

PAVING PROJECT LAYOUT #5

DESIGNED BY	BCE/PJM	DATE	12-00
DRAWN BY	C.E.A., INC.	DATE	12-00
DESIGN FILE NO.	/pave/00c052/pc052a.dgn		
PRF FILE	pc052ap05.1	DATE PLOTTED	05-JUN-2003
PROJ. NAME	DERBY		
PROJ. NO.	STP 2224(1)S		
SHEET 11 OF 27 SHEETS			

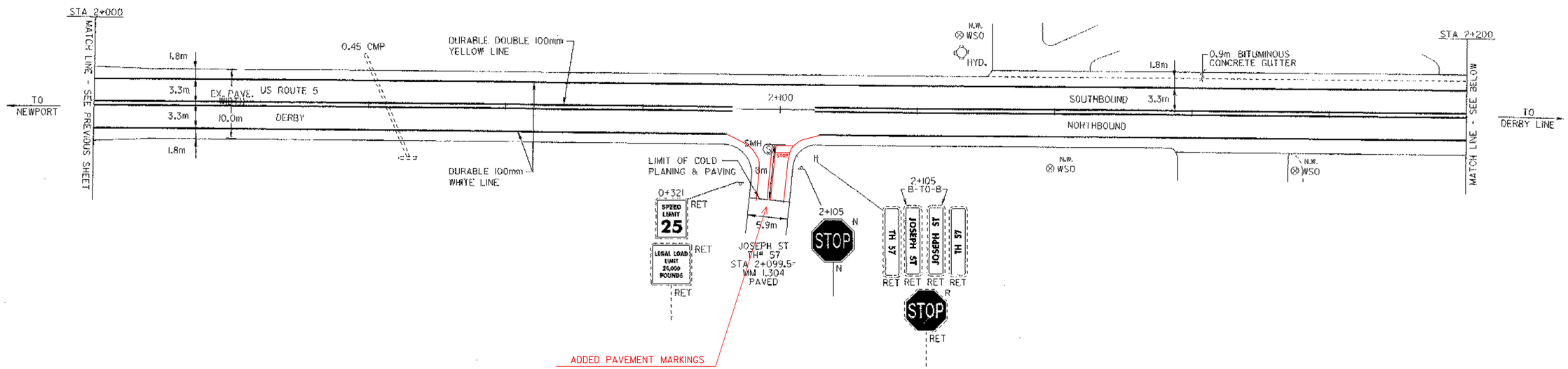
TEMPORARY AND DURABLE 100mm YELLOW LINE
STA 2+000 TO 2+400 SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

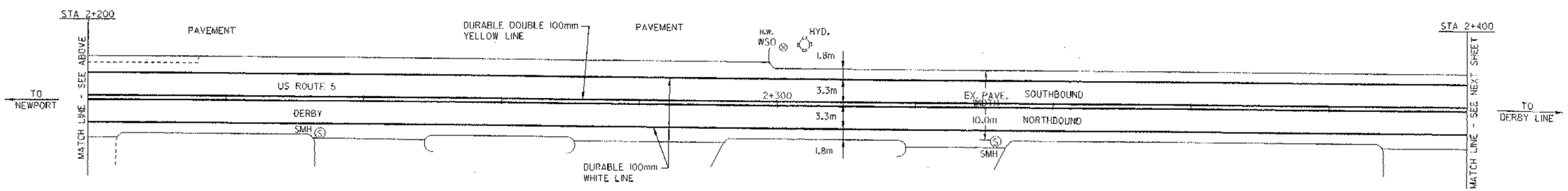
TEMPORARY AND DURABLE 100mm WHITE LINE
STA 2+000 TO 2+400 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

REMOVING SIGNS
1

BITUMINOUS CONCRETE GUTTER
STA 2+130 TO 2+216 LT

CHANGING ELEVATION OF SEWER MANHOLE
STA 2+099 RT
~~STA 2+232 RT~~
STA 2+332 RT





LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

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Metric

PAVING PROJECT LAYOUT #6

DESIGNED BY BCE/PJM DATE 12-00
DRAWN BY C.E.A., INC. DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn
PRF FILE pc052ap06.1 DATE PLOTTED 05-JUN-2003
PROJ. NAME **DERBY**
PROJ. NO. **STP 2224(1)S**
SHEET **12** OF **27** SHEETS

TEMPORARY AND DURABLE 100mm YELLOW LINE
STA 2+400 TO 2+800 SOLID LT&RT
STA 2+561 DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE LETTER OR SYMBOL
STA 2+561LT "STOP"

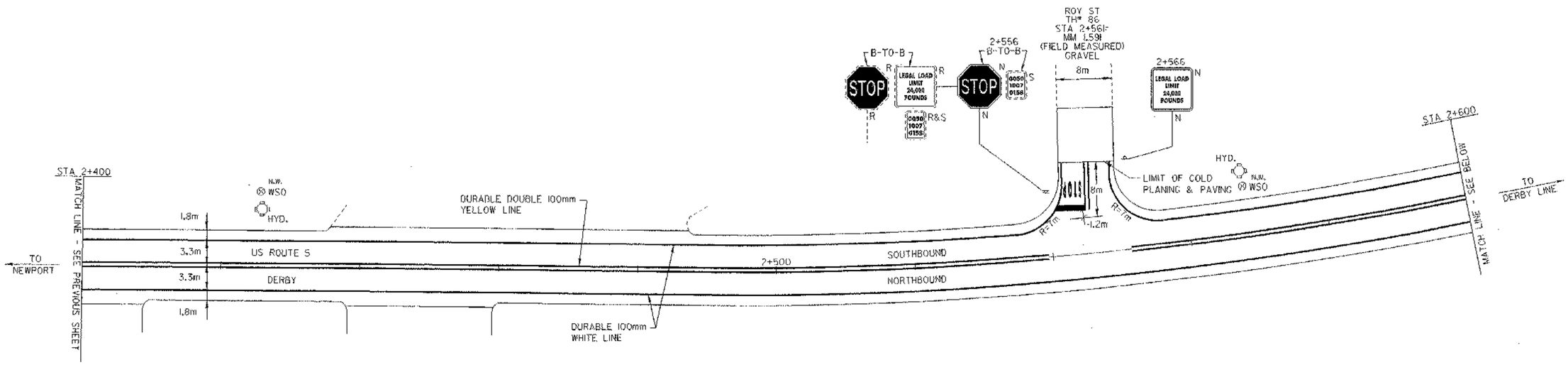
TEMPORARY AND DURABLE 100mm WHITE LINE
STA 2+400 TO 2+800 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

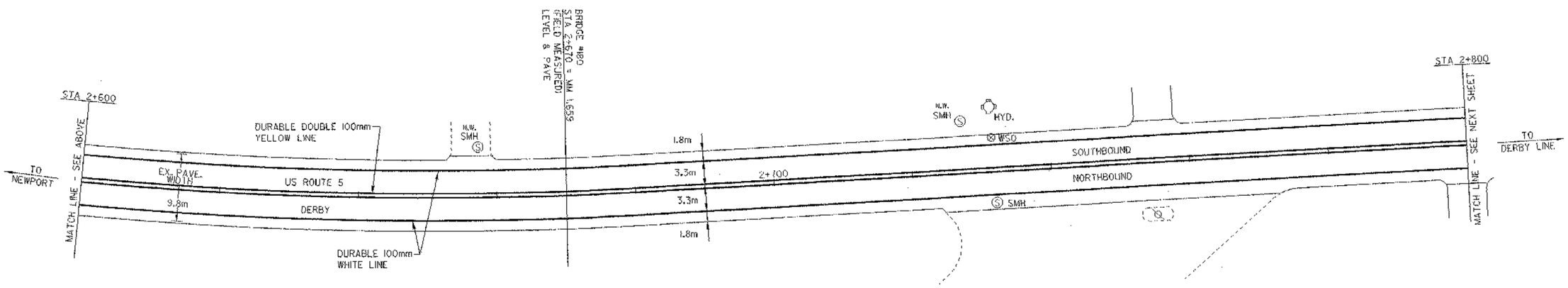
TEMPORARY AND DURABLE 600mm STOP BAR
STA 2+561LT ROY ST

REMOVING SIGNS
3

~~CHANGING ELEVATION OF SEWER MANHOLE~~
~~STA 2+732 RT~~

ADJUST ELEVATION OF VALVE BOX
STA 2+733 LT





LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

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Metric

PAVING PROJECT LAYOUT #7

DESIGNED BY BCE/PJM DATE 12-00
DRAWN BY C.E.A., INC. DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn
PRF FILE pc052ap07.1 DATE PLOTTED 05-JUN-2003
PROJ. NAME **DERBY**
PROJ. NO. **STP 2224(1)S**
SHEET **13** OF **27** SHEETS

TEMPORARY AND DURABLE 100mm YELLOW LINE
STA 2+800 TO 3+190 SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE LETTER OR SYMBOL
STA 2+962 RT "STOP AHEAD"

TEMPORARY AND DURABLE 100mm WHITE LINE
STA 2+800 TO 3+190 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

REMOVING SIGNS
5

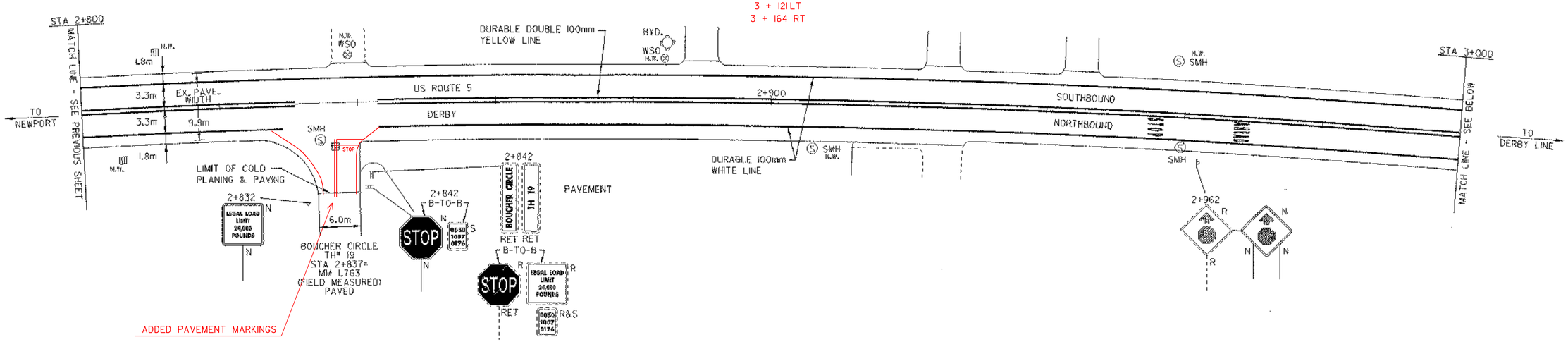
BITUMINOUS CONCRETE GUTTER
STA 3+165 TO 3+177 RT

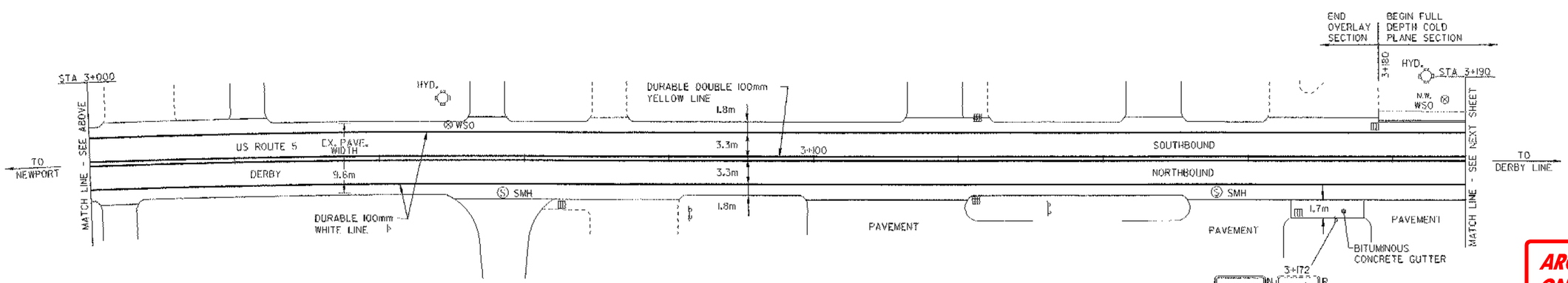
REHABILITATION OF D.I.'S, C.B.'S OR M.H.'S
~~STA 2+837 RT~~
~~STA 3+065 RT~~ 2 + 829 RT

CHANGING ELEVATION OF D.I.'S, C.B.'S OR M.H.'S
~~STA 3+122 RT~~ 2 + 801 LT
~~STA 3+123 LT~~ 2 + 801 RT
~~STA 3+167 RT~~ 3 + 058 RT
~~STA 3+178 LT~~ 3 + 120 RT
3 + 121 LT
3 + 164 RT
3 + 175 LT

CHANGING ELEVATION OF SEWER MANHOLE
STA 2+835 RT
~~STA 2+960 RT~~
~~STA 3+056 RT~~
~~STA 3+156 RT~~

ADJUST ELEVATION OF VALVE BOX
STA 3+048 LT





LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

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NOT Metric

PAVING PROJECT LAYOUT #8

DESIGNED BY BCE/PJM DATE 12-00
DRAWN BY C.E.A., INC. DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn
PRF FILE pc052ap08.l DATE PLOTTED 05-JUN-2003
PROJ. NAME DERBY
PROJ. NO. STP 2224(1)S
SHEET 14 OF 27 SHEETS

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA 3+190 TO 3+600	SOLID LT&RT
STA 3+234	DOUBLE SOLID RT
STA 3+515	DOUBLE SOLID LT

(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

DURABLE LETTER OR SYMBOL

STA 3+223 RT	2 - "ONLY"
STA 3+240 RT	2 - "STOP"
STA 3+515 LT	"STOP"

TEMPORARY LETTER OR SYMBOL

STA 3+223 RT	2 -
STA 3+240 RT	2 - "STOP"
STA 3+515 LT	"STOP"

TEMPORARY AND DURABLE 100mm WHITE LINE

STA 3+190 TO 3+600	SOLID LT&RT
STA 3+209 TO 3+323	DOTTED RT

(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 600mm STOP BAR

STA 3+240 RT	US ROUTE 5
STA 3+515 LT	PALIN FARM RD

TEMPORARY AND DURABLE 200mm WHITE LINE

STA 3+223 TO 3+240	SOLID RT

REMOVING SIGNS

4

CHANGING ELEVATION OF SEWER MANHOLE

STA 3+238 RT
~~STA 3+333 LT~~
~~STA 3+404 LT~~

~~REHABILITATION OF D.I's, C.B.'s OR M.H.'s~~

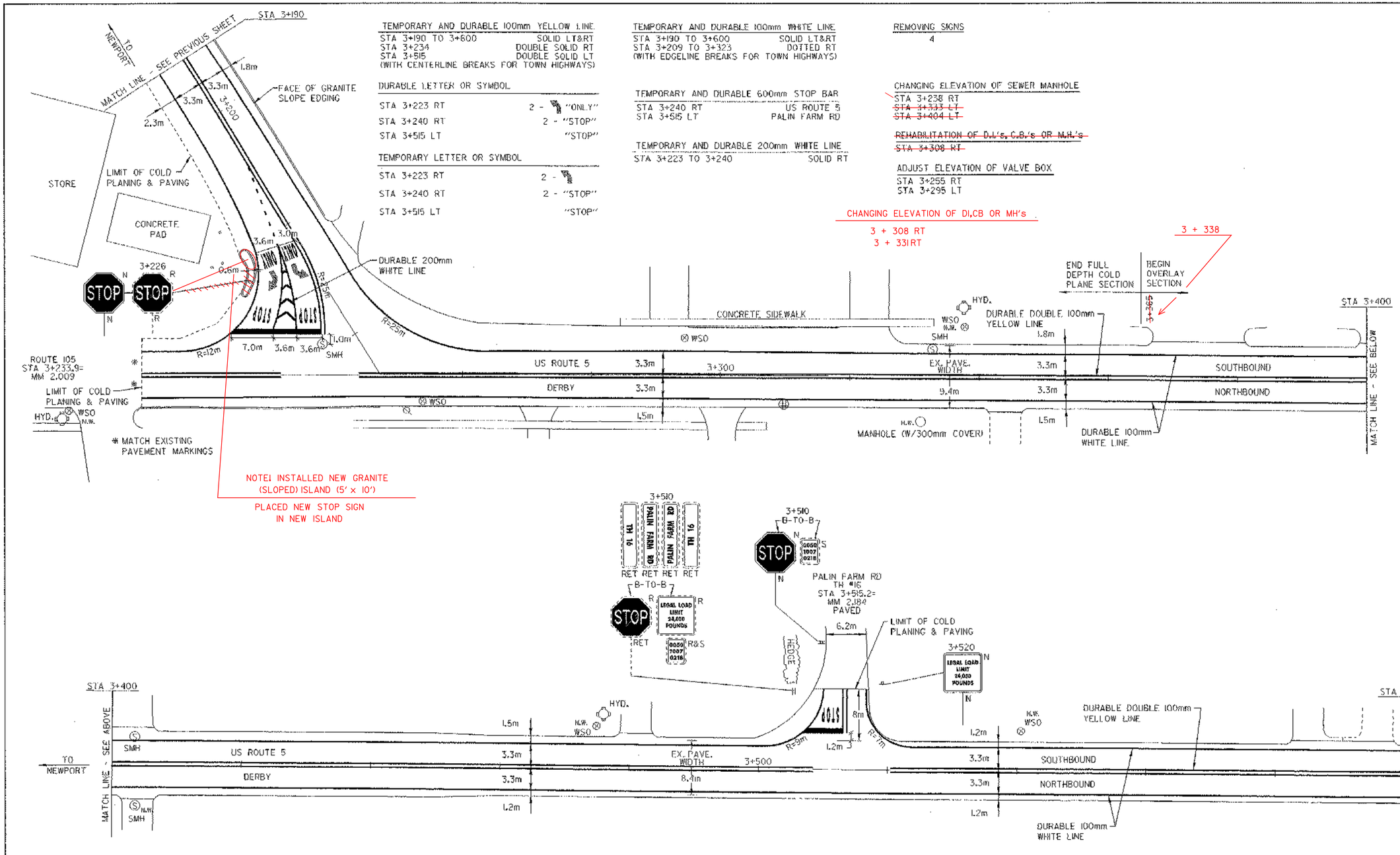
~~STA 3+308 RT~~

ADJUST ELEVATION OF VALVE BOX

STA 3+255 RT
STA 3+295 LT

CHANGING ELEVATION OF DI,CB OR MH's

3 + 308 RT
3 + 331RT



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

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Metric

PAVING PROJECT LAYOUT #9

DESIGNED BY	BCE/PJM	DATE	12-00
DRAWN BY	C.E.A., INC.	DATE	12-00
DESIGN FILE NO.	/pave/00c052/pc052a.dgn		
PRF FILE	pc052ap09.1	DATE PLOTTED	05-JUN-2003
PROJ. NAME	DERBY		
PROJ. NO.	STP 2224(1)S		
SHEET 15 OF 27 SHEETS			

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA 3+600 TO 4+000	SOLID LT&RT
STA 3+932	DOUBLE SOLID RT
STA 3+977	DOUBLE SOLID LT

(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA 3+932 RT	"STOP"
STA 3+977 LT	"STOP"

TEMPORARY AND DURABLE 100mm WHITE LINE

STA 3+600 TO 4+000	SOLID LT&RT

(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 600mm STOP BAR

STA 3+932 RT	NELSON HILL RD
STA 3+977 LT	WALLACE RD

REMOVING SIGNS

3

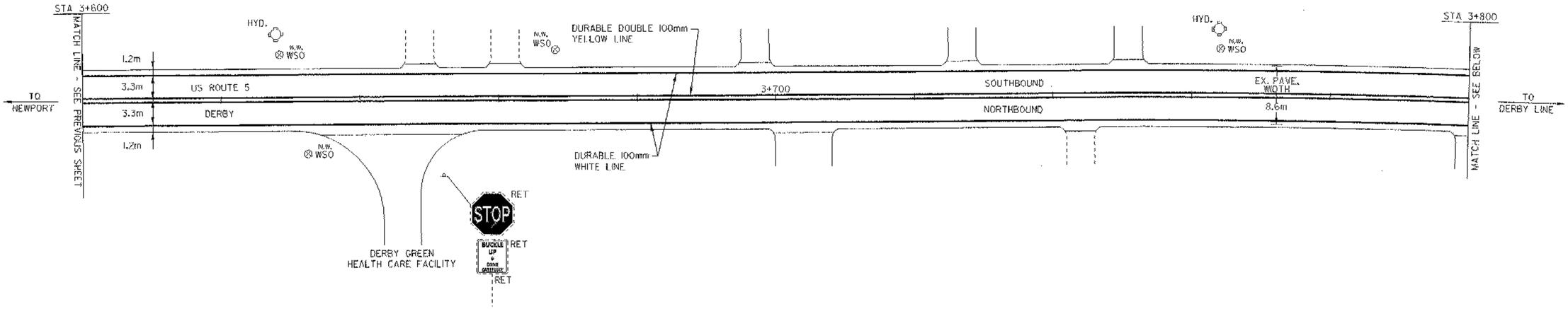
REHABILITATION OF D.I.'S, C.B.'S OR M.H.'S

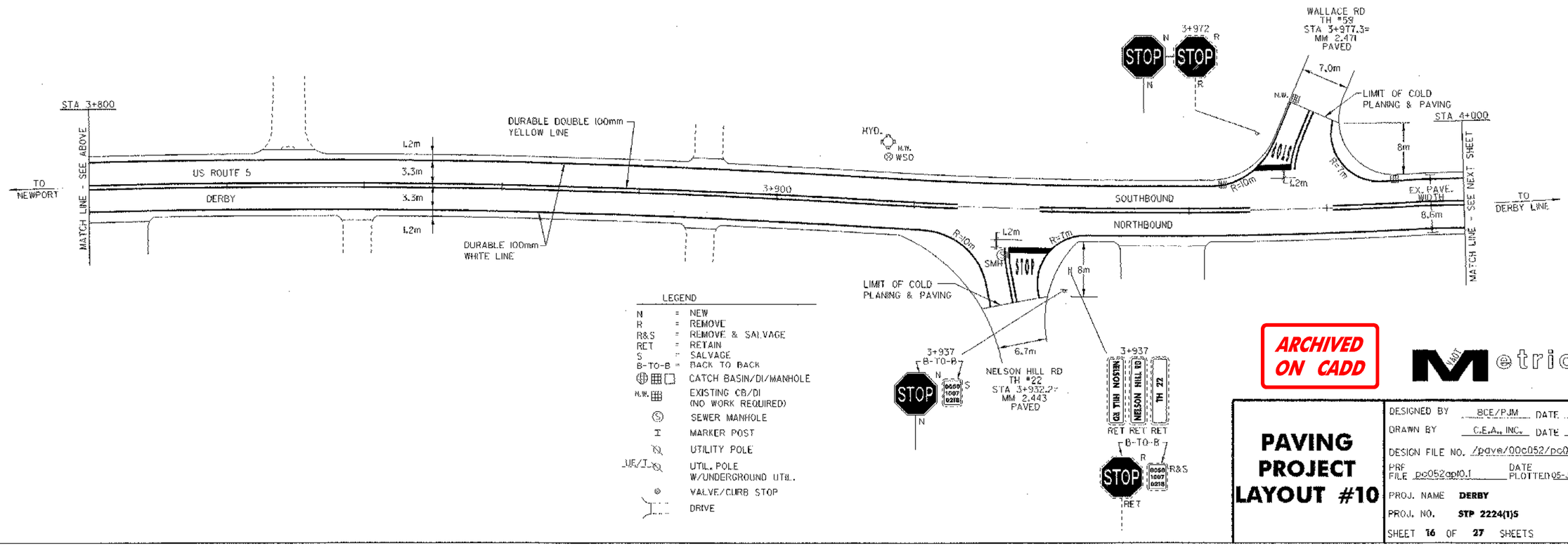
~~STA 3+965 LT~~ 3 + 981LT
~~STA 3+990 LT~~ 3 + 994 LT

~~CHANGING ELEVATION OF SEWER MANHOLES~~
~~STA 3+932 RT~~

CHANGING ELEVATION OF DI,CB OR MH

3 + 985 LT





LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

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PAVING PROJECT LAYOUT #10

DESIGNED BY	BCE/PJM	DATE	12-00
DRAWN BY	C.E.A., INC.	DATE	12-00
DESIGN FILE NO.	/pave/00c052/pc052o.dgn		
PRF FILE	pc052ap10.1	DATE PLOTTED	05-JUN-2003
PROJ. NAME	DERBY		
PROJ. NO.	STP 2224(1)5		
SHEET 16 OF 27 SHEETS			

TEMPORARY AND DURABLE 100mm YELLOW LINE

STA 4+000 TO 4+667	SOLID LT&RT
STA 4+395	DOUBLE SOLID LT
STA 4+420	DOUBLE SOLID LT
STA 4+667 TO 4+892	DASHED LT & SOLID RT
STA 4+892 TO 5+400	SOLID LT&RT

(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE LETTER OR SYMBOL

STA 4+395 LT	"STOP"
STA 4+420 LT	"YIELD", "STOP"

TEMPORARY AND DURABLE 300mm WHITE LINE

STA 4+000 TO 5+400 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 600mm STOP BAR

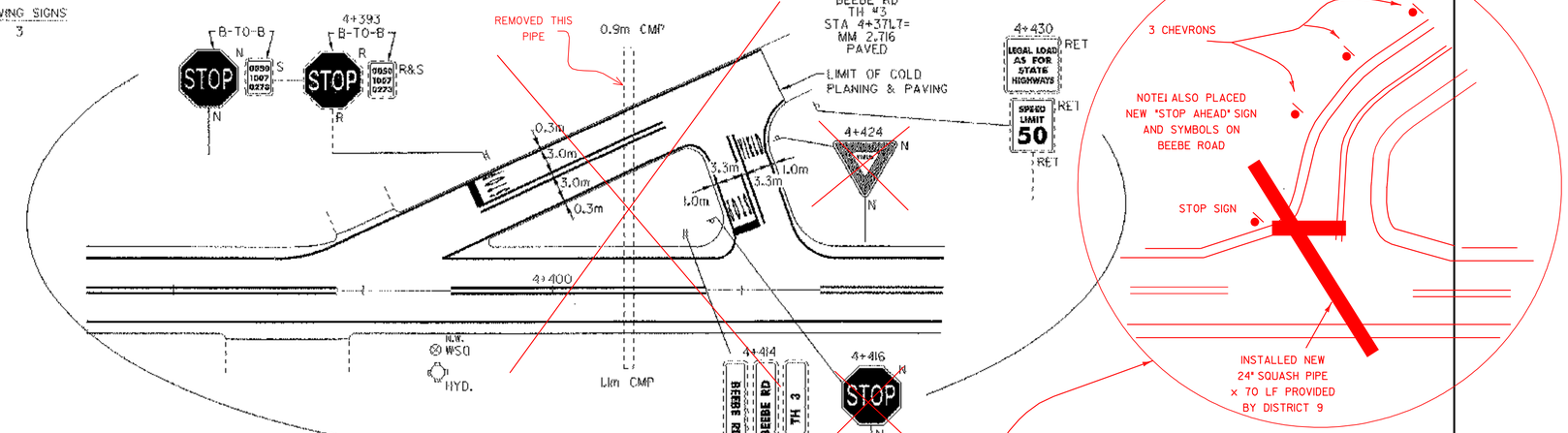
STA 4+395 LT	BEEBE RD
STA 4+420 LT	BEEBE RD

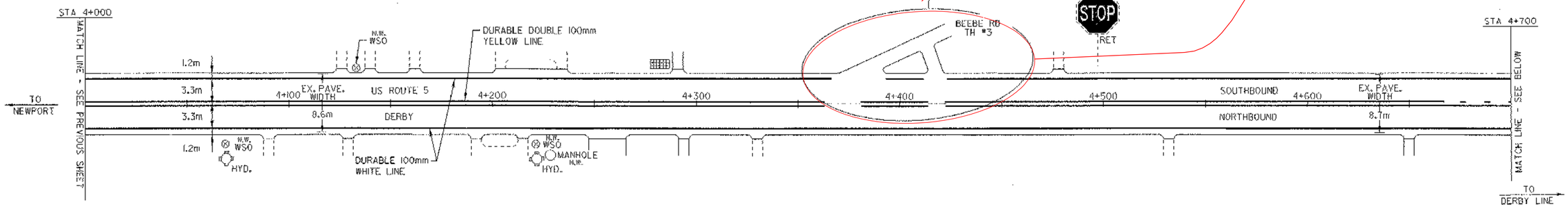
REHABILITATION OF D.I.'S, C.B.'S OR M.H.'S

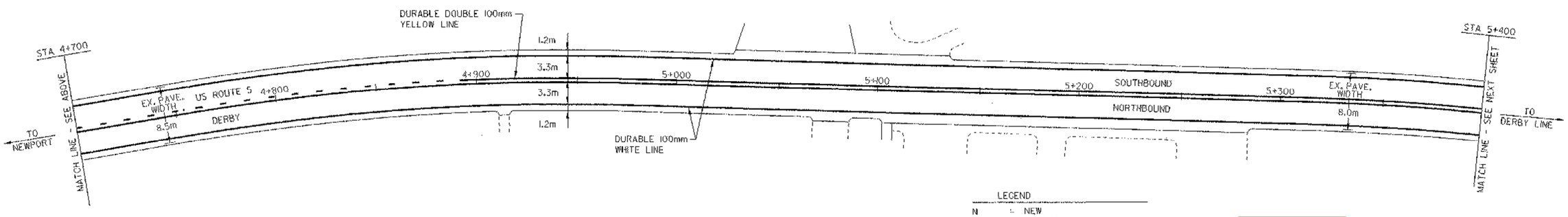
STA 4+282 LT (2 GRATES)

REMOVING SIGNS

3







LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/T		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

ARCHIVED ON CADD

Metric

PAVING PROJECT LAYOUT #11

DESIGNED BY BCE/PJM	DATE 12-00
DRAWN BY C.E.A., INC.	DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn	
PRF FILE pc052apfl.l	DATE PLOTTED 05-JUN-2003
PROJ. NAME DERBY	
PROJ. NO. STP 2224(1)S	
SHEET 17 OF 27 SHEETS	

TEMPORARY AND DURABLE 100mm YELLOW LINE
STA 5+400 TO 5+681 SOLID LT&RT
STA 5+681 TO 5+906 SOLID LT & DASHED RT
STA 5+906 TO 5+922 SOLID LT&RT
STA 5+922 TO 6+115 DASHED LT & SOLID RT
STA 6+115 TO 6+800 SOLID LT&RT

TEMPORARY AND DURABLE 100mm WHITE LINE
STA 5+400 TO 6+800 SOLID LT&RT

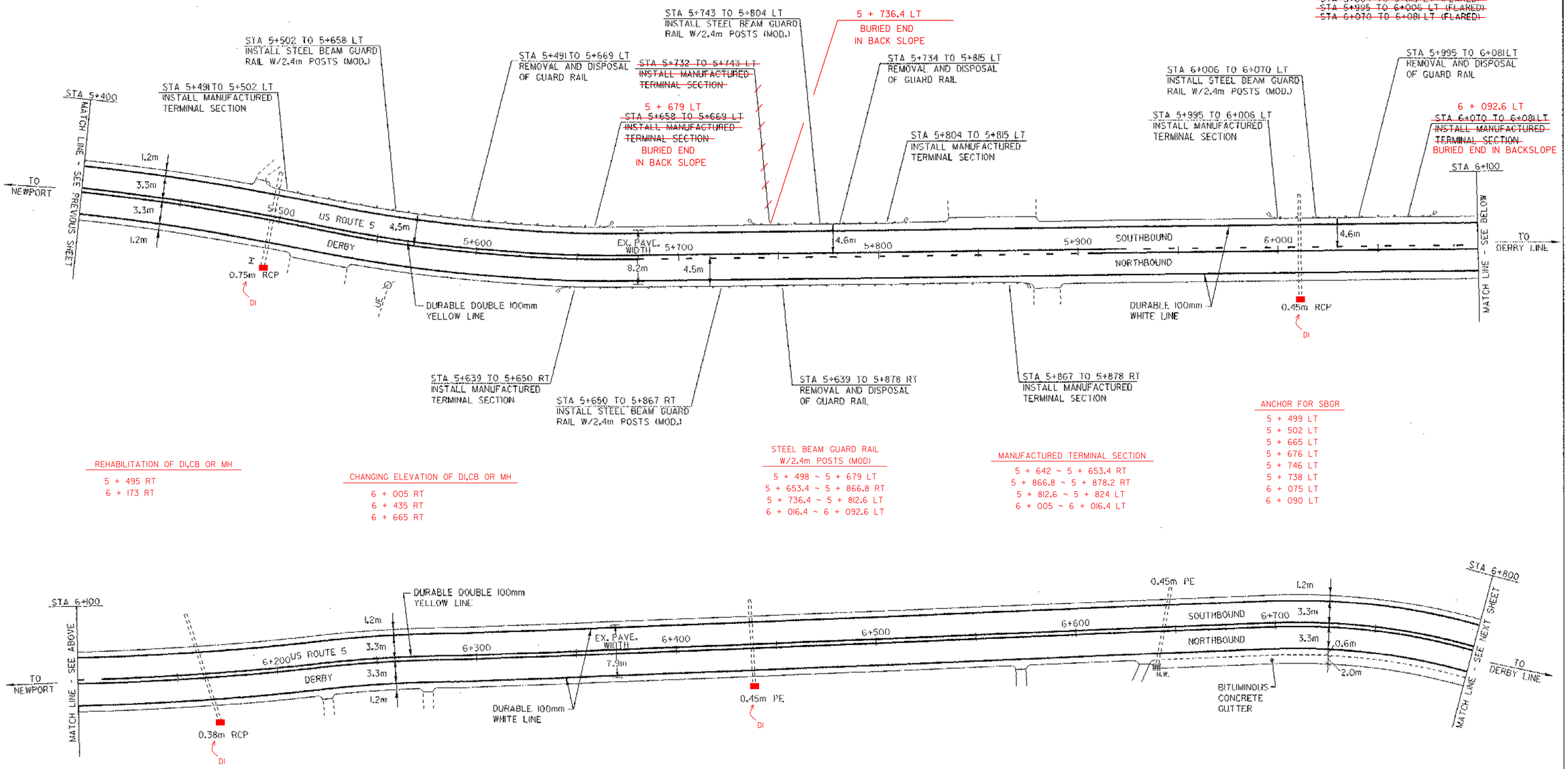
BITUMINOUS CONCRETE CUTTER
STA 6+645 TO 6+800 RT

YIELDING MARKER POST
STA 5+426 RT

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 5+491 TO 5+669 LT
STA 5+639 TO 5+878 RT
STA 5+734 TO 5+815 LT
STA 5+995 TO 6+081 LT

~~STEEL BEAM GUARD RAIL W/2.4m POSTS (MOD.)~~
~~STA 5+502 TO 5+658 LT~~
~~STA 5+650 TO 5+867 RT~~
~~STA 5+743 TO 5+804 LT~~
~~STA 6+006 TO 6+070 LT~~

~~MANUFACTURED TERMINAL SECTION~~
~~STA 5+491 TO 5+502 LT (FLARED)~~
~~STA 5+658 TO 5+669 LT (FLARED)~~
~~STA 5+639 TO 5+650 RT (FLARED)~~
~~STA 5+867 TO 5+878 RT (FLARED)~~
~~STA 5+732 TO 5+743 LT (FLARED)~~
~~STA 5+804 TO 5+815 LT (FLARED)~~
~~STA 5+995 TO 6+006 LT (FLARED)~~
~~STA 6+070 TO 6+081 LT (FLARED)~~



ANCHOR FOR SBGR
5 + 499 LT
5 + 502 LT
5 + 665 LT
5 + 676 LT
5 + 746 LT
5 + 738 LT
6 + 075 LT
6 + 090 LT

REHABILITATION OF DI,CB OR MH
5 + 495 RT
6 + 173 RT

CHANGING ELEVATION OF DI,CB OR MH
6 + 005 RT
6 + 435 RT
6 + 665 RT

STEEL BEAM GUARD RAIL W/2.4m POSTS (MOD)
5 + 498 ~ 5 + 679 LT
5 + 653.4 ~ 5 + 866.8 RT
5 + 736.4 ~ 5 + 812.6 LT
6 + 016.4 ~ 6 + 092.6 LT

MANUFACTURED TERMINAL SECTION
5 + 642 ~ 5 + 653.4 RT
5 + 866.8 ~ 5 + 878.2 RT
5 + 812.6 ~ 5 + 824 LT
6 + 005 ~ 6 + 016.4 LT

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
RET	=	RETAIN
S	=	SALVAGE
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI/MANHOLE
N.W.		EXISTING CB/DI (NO WORK REQUIRED)
		SEWER MANHOLE
		MARKER POST
		UTILITY POLE
UE/J		UTIL. POLE W/UNDERGROUND UTIL.
		VALVE/CURB STOP
		DRIVE

ARCHIVED ON CADD

Metric

PAVING PROJECT LAYOUT #12

DESIGNED BY BCE/PJM DATE 12-00
DRAWN BY C.E.A., INC. DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn
PRF FILE pc052apl2.i DATE PLOTTED 05-JUN-2003
PROJ. NAME DERBY
PROJ. NO. STP 2224(1)S
SHEET 18 OF 27 SHEETS

TEMPORARY AND DURABLE 100mm YELLOW LINE
STA 6+800 TO 7+322 SOLID LT&RT
STA 7+322 TO 7+563 SOLID LT & DASHED RT
STA 7+563 TO 7+805 DASHED RT & SOLID LT
STA 7+805 TO 8+237 SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY AND DURABLE 100mm WHITE LINE
STA 6+800 TO 8+237 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

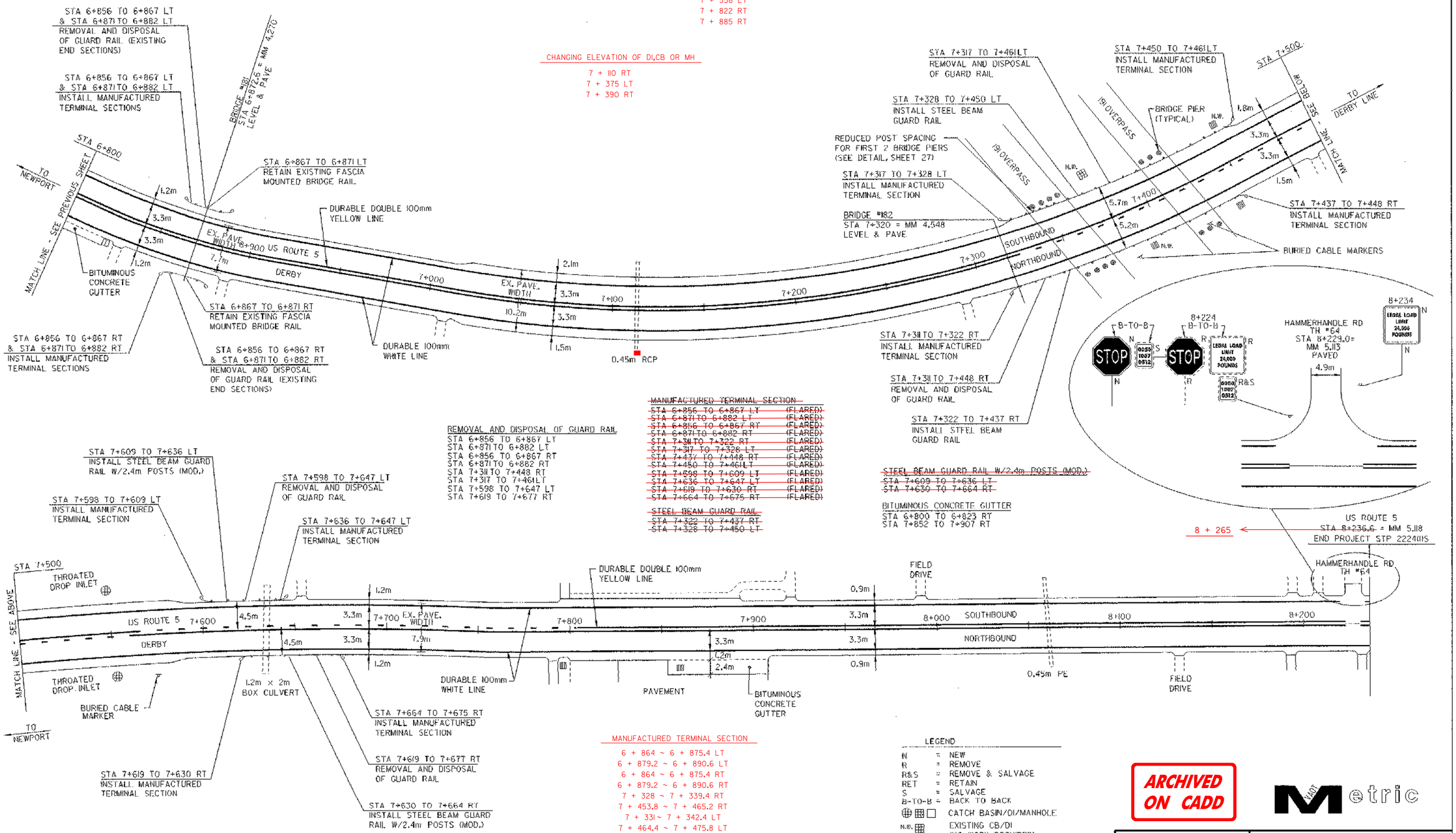
REMOVING SIGNS
3

REHABILITATION OF D.I.'S, C.B.'S OR M.H.'S
~~STA 6+862 RT~~
~~STA 7+447 RT~~
~~STA 7+550 RT~~
~~STA 7+550 LT~~
~~STA 7+797 RT~~
~~STA 7+861RT~~
6 + 838 RT
7 + 447 RT
7 + 451LT
7 + 558 RT
7 + 558 LT
7 + 822 RT
7 + 885 RT

STEEL BEAM GUARD RAIL
6 + 875.4 ~ 6 + 879.2 LT
6 + 875.4 ~ 6 + 879.2 RT
7 + 339.4 ~ 7 + 453.8 RT
7 + 342.4 ~ 7 + 464.4 LT

STEEL BEAM GUARD RAIL
W/2.4m POSTS (MOD)
7 + 632.4 ~ 7 + 659.1LT
7 + 651.4 ~ 7 + 685.8 RT

CHANGING ELEVATION OF DI,CB OR MH
7 + 110 RT
7 + 375 LT
7 + 390 RT



REMOVAL AND DISPOSAL OF GUARD RAIL
STA 6+856 TO 6+867 LT
STA 6+871 TO 6+882 LT
STA 6+856 TO 6+867 RT
STA 6+871 TO 6+882 RT
STA 7+311 TO 7+448 RT
STA 7+317 TO 7+461LT
STA 7+598 TO 7+647 LT
STA 7+619 TO 7+677 RT

~~MANUFACTURED TERMINAL SECTION~~
~~STA 6+856 TO 6+867 LT (FLARED)~~
~~STA 6+871 TO 6+882 LT (FLARED)~~
~~STA 6+856 TO 6+867 RT (FLARED)~~
~~STA 6+871 TO 6+882 RT (FLARED)~~
~~STA 7+311 TO 7+322 RT (FLARED)~~
~~STA 7+317 TO 7+328 LT (FLARED)~~
~~STA 7+437 TO 7+448 RT (FLARED)~~
~~STA 7+450 TO 7+461LT (FLARED)~~
~~STA 7+598 TO 7+609 LT (FLARED)~~
~~STA 7+636 TO 7+647 LT (FLARED)~~
~~STA 7+619 TO 7+630 RT (FLARED)~~
~~STA 7+664 TO 7+675 RT (FLARED)~~

~~STEEL BEAM GUARD RAIL~~
~~STA 7+322 TO 7+437 RT~~
~~STA 7+328 TO 7+450 LT~~

~~STEEL BEAM GUARD RAIL W/2.4m POSTS (MOD.)~~
~~STA 7+609 TO 7+636 LT~~
~~STA 7+630 TO 7+664 RT~~

BITUMINOUS CONCRETE GUTTER
STA 6+800 TO 6+823 RT
STA 7+852 TO 7+907 RT

MANUFACTURED TERMINAL SECTION
6 + 864 ~ 6 + 875.4 LT
6 + 879.2 ~ 6 + 890.6 LT
6 + 864 ~ 6 + 875.4 RT
6 + 879.2 ~ 6 + 890.6 RT
7 + 328 ~ 7 + 339.4 RT
7 + 453.8 ~ 7 + 465.2 RT
7 + 331~ 7 + 342.4 LT
7 + 464.4 ~ 7 + 475.8 LT
7 + 621~ 7 + 632.4 LT
7 + 659.1~ 7 + 670.5 LT
7 + 640 ~ 7 + 651.4 RT
7 + 685.8 ~ 7 + 697.2 RT

LEGEND
N = NEW
R = REMOVE
R&S = REMOVE & SALVAGE
RET = RETAIN
S = SALVAGE
B-TO-B = BACK TO BACK
CATCH BASIN/DI/MANHOLE
N.W. EXISTING CB/DI (NO WORK REQUIRED)
SEWER MANHOLE
MARKER POST
UTILITY POLE
UP/T UTIL. POLE W/UNDERGROUND UTIL.
VALVE/CURB STOP
DRIVE

ARCHIVED ON CADD

Metric

PAVING PROJECT LAYOUT #13

DESIGNED BY BCE/PJM DATE 12-00
DRAWN BY C.E.A., INC. DATE 12-00
DESIGN FILE NO. /pave/00c052/pc052a.dgn
PRF FILE pc052ap13.1 DATE PLOTTED 05-JUN-2003
PROJ. NAME DERBY
PROJ. NO. STP 2224(1)5
SHEET 19 OF 27 SHEETS