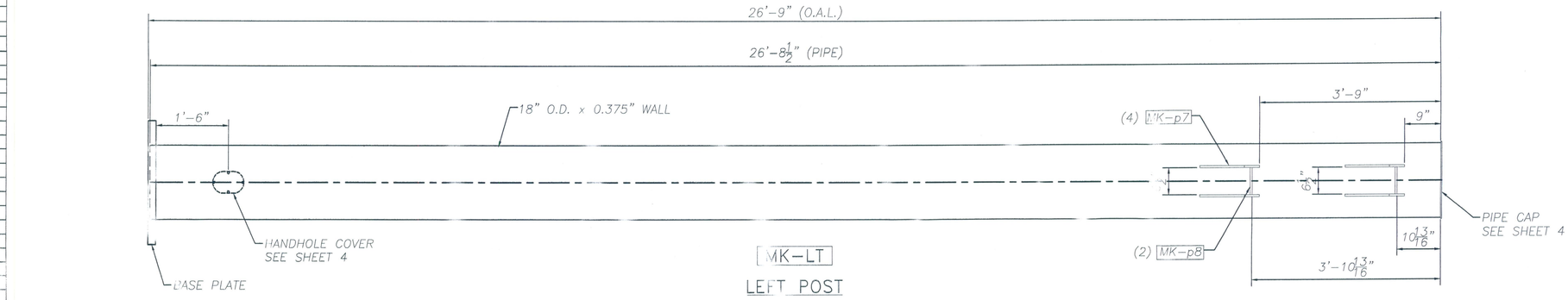
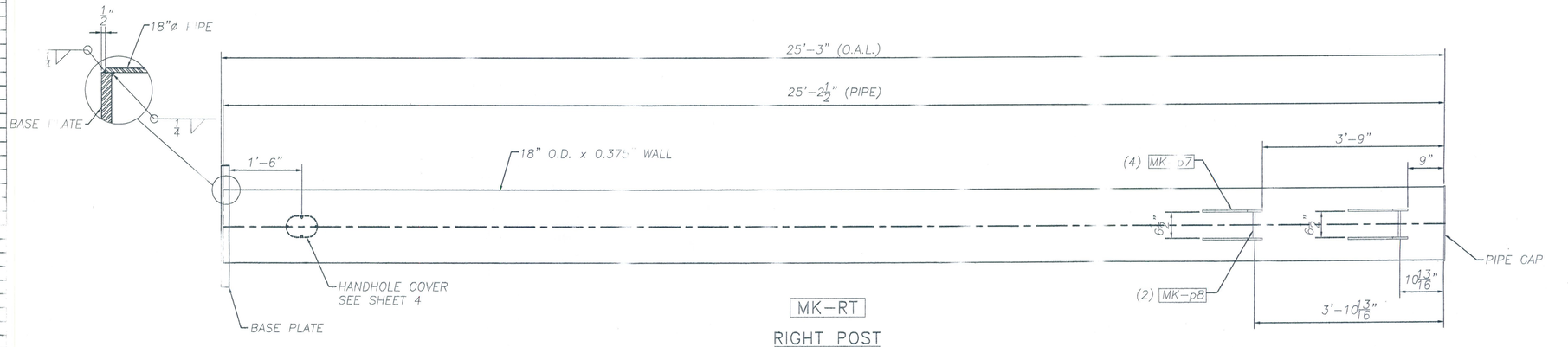
BILL OF MATERIAL

Mk.	Mk.	Qty.	Description	Length	Material
R1,R7		2	CHORD TRUSS ASSEMBLY		
	tr1,tr7	2	CHORD PIPE 3.5" O.D. x .216" THICK	18'-7"	A500 Gr. B/~~API 5L/X~~
	p5	4	TRUSS TO CHORD CONN. PLATE .375"x4"	10"	A709 Gr. 50
	p6	8	TRUSS TO CHORD CONN. PLATE .375"x4"	1'-8"	A709 Gr. 50
	se	2	0.75" THICK CHORD SPLICE PLATE	11.5" DIA.	A709 Gr. 50
	br5	2	PLUG BAR .250"x1.75"	2.75"	A709 Gr. 50
R2,R8		2	CHORD TRUSS ASSEMBLY		
	tr2,tr8	2	CHORD PIPE 3.5" O.D. x .216" THICK	22'-1.75"	A500 Gr. B/~~API 5L/X~~
	p5	8	TRUSS TO POST CONN. PLATE .375"x4"	10"	A709 Gr. 50
	p6	6	TRUSS TO POST CONN. PLATE .375"x4"	1'-8"	A709 Gr. 50
	se	2	0.75" THICK CHORD SPLICE PLATE	11.5" DIA.	A709 Gr. 50
	br5	2	PLUG BAR .250"x1.75"	2.75"	A709 Gr. 50
R3,R9		2	CHORD TRUSS ASSEMBLY		
	tr3,tr9	2	CHORD PIPE 3.5" O.D. x .216" THICK	22'-1.75"	A500 Gr. B/~~API 5L/X~~
	p5	8	TRUSS TO POST CONN. PLATE .375"x4"	10"	A709 Gr. 50
	p6	4	TRUSS TO POST CONN. PLATE .375"x4"	1'-8"	A709 Gr. 50
	se	2	0.75" THICK CHORD SPLICE PLATE	11.5" DIA.	A709 Gr. 50
	br5	2	PLUG BAR .250"x1.75"	2.75"	A709 Gr. 50
R4		1	CHORD TRUSS ASSEMBLY		
	tr4	1	CHORD PIPE 3.5" O.D. x .216" THICK	21'-3.375"	A500 Gr. B/~~API 5L/X~~
	p5	4	TRUSS TO CHORD CONN. PLATE .375"x4"	10"	A709 Gr. 50
	p6	4	TRUSS TO CHORD CONN. PLATE .375"x4"	1'-8"	A709 Gr. 50
	se	2	0.75" THICK CHORD SPLICE PLATE	11.5" DIA.	A709 Gr. 50
R5		1	CHORD TRUSS ASSEMBLY		
	tr5	1	CHORD PIPE 3.5" O.D. x .216" THICK	21'-3.50"	A500 Gr. B/~~API 5L/X~~
	p5	4	TRUSS TO POST CONN. PLATE .375"x4"	10"	A709 Gr. 50
	p6	3	TRUSS TO POST CONN. PLATE .375"x4"	1'-8"	A709 Gr. 50
	se	2	0.75" THICK CHORD SPLICE PLATE	11.5" DIA.	A709 Gr. 50
R6		1	CHORD TRUSS ASSEMBLY		
	tr6	1	CHORD PIPE 3.5" O.D. x .216" THICK	21'-3.25"	A500 Gr. B/~~API 5L/X~~
	p5	4	TRUSS TO POST CONN. PLATE .375"x4"	10"	A709 Gr. 50
	p6	2	TRUSS TO POST CONN. PLATE .375"x4"	1'-8"	A709 Gr. 50
	se	2	0.75" THICK CHORD SPLICE PLATE	11.5" DIA.	A709 Gr. 50
	e1	36	L 2x2x1/4"	4'-6.625"	A709 Gr. 36
	e2	14	L 2x2x1/4"	2'-6.50"	A709 Gr. 36
	t5	24	1"ø HEX BOLT	3"	A325
	n5	24	1"ø HEX NUT	---	A563DH
	w5	24	1"ø FLAT WASHER	---	F436
LT		1	LEFT POST ASSEMBLY		
		1	UPRIGHT PIPE 18" O.D. x .375" THICK	26'-8.50"	A500 Gr. B/~~API 5L/X~~
	p7	4	TRUSS TO POST CONN. PLATE .50"x12.75"	1'-4"	A709 Gr. 50
	p8	2	TRUSS TO POST CONN. PLATE .50"x6.50"	9"	A709 Gr. 50
	u3	4	.75"ø U-BOLT	6.75"	F1554 Gr 36
	lk3	8	.75"ø SELF LOCKING HEX NUT	---	A563DH
	w3	8	.75"ø FLAT WASHER	---	F436
		1	POST CAP		
	br6	1	L1 1/2x1 1/2x1/4"	17.25"	A709 Gr. 36
	tp	1	.25" THICK END CAP PLATE	18.5"ø	A709 Gr. 36
	t6	1	.50"ø HEX BOLT	1.5"	A307
	tn	1	.50"ø HEX NUT	---	A563
	w8	1	.50"ø GALVANIZED WASHER	---	F844
	w7	1	.50"ø RUBBER WASHER	---	50 DURO. NEOPRENE
	gb	1	.125" THICK NEOPRENE GASKET	18.5"ø	50 DURO. NEOPRENE
	gg	1	.50"ø HEX NUT	---	A563
		1	BASE PLATE ASSEMBLY		
	bb	1	2" THICK BASE PLATE	2'-8"ø	A709 Gr. 50
RT		1	RIGHT POST ASSEMBLY		
		1	UPRIGHT PIPE 18" O.D. x .375" THICK	25'-2.50"	A500 Gr. B/~~API 5L/X~~
	p7	4	TRUSS TO POST CONN. PLATE .50"x12.75"	1'-4"	A709 Gr. 50
	p8	2	TRUSS TO POST CONN. PLATE .50"x6.50"	9"	A709 Gr. 50
	u3	4	.75"ø U-BOLT	6.75"	F1554 Gr 36
	lk3	8	.75"ø SELF LOCKING HEX NUT	---	A563DH
	w3	8	.75"ø FLAT WASHER	---	F436
		1	POST CAP		
	br6	1	L1 1/2x1 1/2x1/4"	17.25"	A709 Gr. 36
	tp	1	.25" THICK END CAP PLATE	18.5"ø	A709 Gr. 36
	t6	1	.50"ø HEX BOLT	1.5"	A307
	tn	1	.50"ø HEX NUT	---	A563
	w8	1	.50"ø GALVANIZED WASHER	---	F844
	w7	1	.50"ø RUBBER WASHER	---	50 DURO. NEOPRENE
	gb	1	.125" THICK NEOPRENE GASKET	18.5"ø	50 DURO. NEOPRENE
	gg	1	.50"ø HEX NUT	---	A563
		1	BASE PLATE ASSEMBLY		
	bb	1	2" THICK BASE PLATE	2'-8"ø	A709 Gr. 50
	ar	8	1.75"ø ANCHOR BOLT	5'-3"	STAINLESS STEEL TYPE 304
	w6	16	1.75"ø WASHER	---	STAINLESS STEEL TYPE 304
	hh	8	1.75"ø HEAVY HEX NUT	---	M292 Gr 8
	lt	8	1.75"ø LEVELING NUT	---	M292 Gr 8
	lr	8	1.75"ø LOCK WASHER	---	STAINLESS STEEL TYPE 304
		2	HAND HOLE		
	r5	2	0.625"x2.5" FLAT BAR	1'-9.50"	A709 Gr. 36
	r6	2	0.25"x5.5" COVER PLATE	8"	A709 Gr. 36
	ga	2	0.125"x5.25" GASKET	7.75"	NEOPRENE
	cb	16	.375"ø HEX BOLE	1"	A563
			SIGN ASSEMBLY		
	v4	3	W6x8.5 VERTICAL SIGN HANGER	8'-6"	A709 Gr. 36
	v5	3	W6x8.5 VERTICAL SIGN HANGER	7'-0"	A709 Gr. 36
	u4	12	.50"ø U-BOLT	6"	F1554 Gr 36
	lk3	24	.50"ø SELF LOCKING HEX NUT	---	A563DH
	w3	24	.50"ø FLAT WASHER	---	F436



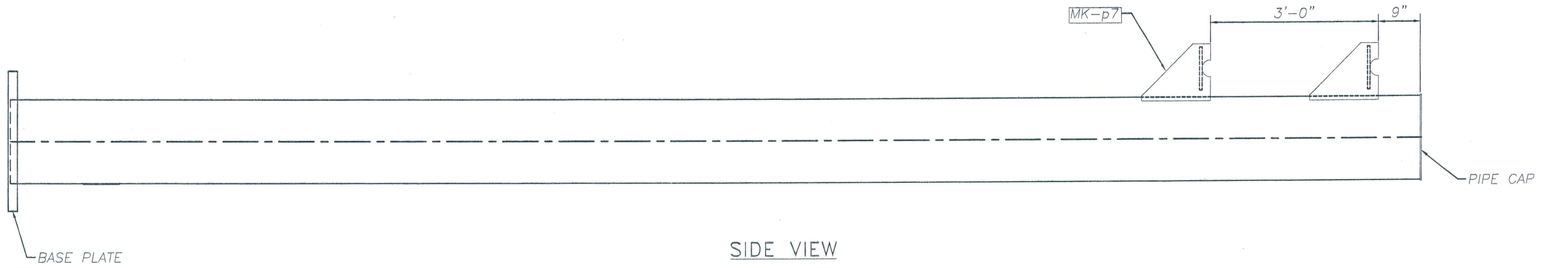
MK-LT

LEFT POST



MK-RT

RIGHT POST



SIDE VIEW

REVISIONS		
No.	Remarks	Date
0	Initial submittal	

RECEIVED
CK'D BY_____ OK'D BY_____
SEP 05 2006
RESUBMIT_____ APPROVED As Noted
BY _____ DATE 9/14/06

HIGHWAY SAFETY CORP.
GLASTONBURY, CT

TRI-CHORD SIGN STRUCTURE
I-89 SB EXIT 14W RAMP "C"
CHITTENDEN COUNTY, VERMONT
CITY OF SOUTH BURLINGTON
PROJECT No. ACIM 089-3(37)

DESIGN MHM
CHECKED
DATE 8/29/06
SCALE N.T.S.
HSC REFERENCE NO. 1558
SIZE D REVISION 0
SHEET NO. 7 of 8

GENERAL CONTRACTOR
SUB CONTRACTOR F.R. LAFEYETTE