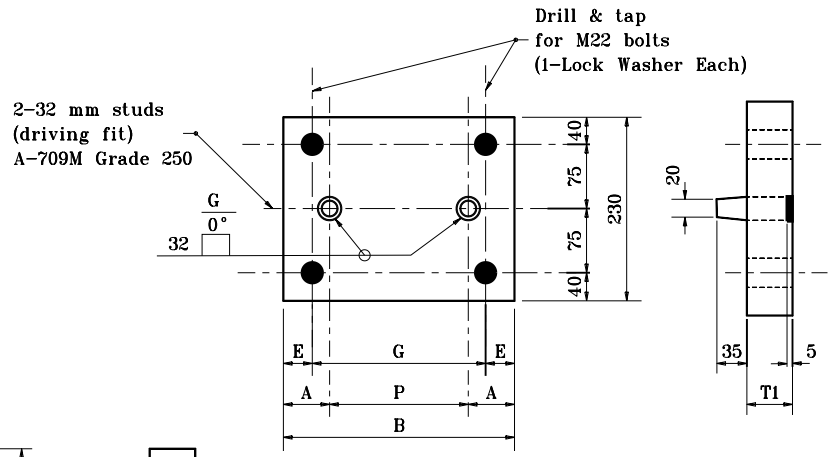
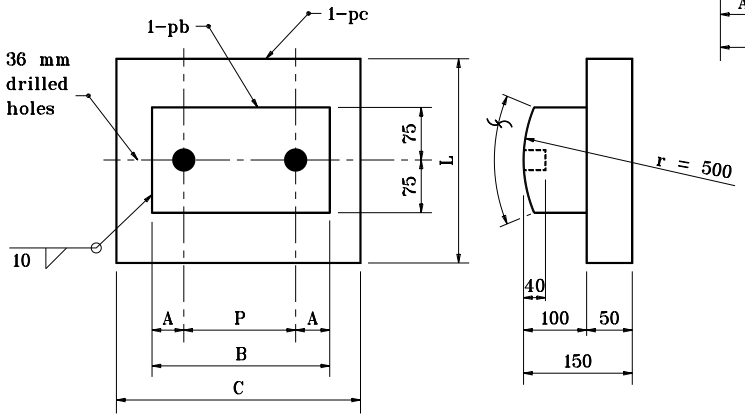
GENERAL NOTES

1. Curved surfaces of shoes to be machined after weldments have been completed. At the contractor's option the following substitutions of materials will be allowed at no increase in unit price of material.
2. A–709M Grade 345W steel may be used in lieu of A–709M Grade 250 steel.
3. A–709M Grade 690 steel may be used in lieu of A–709M Grade 345W or A–709M Grade 250 steels.



TOP SHOE

Mark	B	E	A	T1	G	P	Section	Material
TS–1	300	55	55	45	190	190	PL 220 x 45	A–709M Grade 250
TS–2	300	55	65	50	190	180	PL 220 x 50	A–709M Grade 345W
TS–3	300	55	70	50	190	160	PL 220 x 50	A–709M Grade 690
TS–4	400	75	75	45	250	250	PL 220 x 45	A–709M Grade 250
TS–5	400	75	85	50	250	240	PL 220 x 50	A–709M Grade 345W
TS–6	400	75	95	50	250	230	PL 220 x 50	A–709M Grade 690



FIXED BASE

Mark	C	L	B	A	P	Sections pb	Sections pc
FB–2	400	300	300	60	180	PL 150 x 100	PL 300 x 50
FB–3	400	400	300	70	160	PL 150 x 100	PL 400 x 50
FB–5	500	300	400	80	240	PL 150 x 100	PL 300 x 50
FB–6	500	400	400	90	230	PL 150 x 100	PL 400 x 50

All material to be A–709M Grade 250.
Section "pb" to be finished from 100 mm thickness while Section "pc" is to be straightened.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

STEEL SHOE DETAILS

AUGUST 1996

STANDARD DRAWING NO. **711–BSTS–04**

Archived

/s/ Anthony L. Uremovich 8–01–96
DESIGN STANDARDS ENGINEER DATE

/s/ Donald W. Lucas 8–01–96
CHIEF HIGHWAY ENGINEER DATE

Source Sheet: SH–1

DESIGN STANDARDS ENGINEER