

Overview for Contract

Prior to utilizing a contract, the user should read the contract in it's entirety.

DESCRIPTION

Legacy Contract #2540-02 for Snow Plows (to include plow wings) in accordance with PA-DOT Specifications

All eight (8) of the awarded contractors do allow for COSTARS participation

CONTRACT INFO

Contract Number & Title	Legacy Group Contract #2540-02 Snow Plows (SRM "Mother" #4400000506)
Number of Suppliers	8
Validity Period	01 July 2007 thru 30 June 2009 (3 Renewal Years Possible)
DGS Point of Contact	Richard Woodworth
Contact Phone #	717-787-4103
Email	rwoodworth@state.pa.us

PRICING HIGHLIGHTS

This contract is of a line item by OEM model format

Snow Plows covered are primarily those as used by PA-DOT on their snow removal dump trucks

Plow specifications conform with PA-DOT requirements

This contract allows for the customer user to perform a "best value" evaluation for the snow plow required.

PROCESS TO PURCHASE

Place purchase order for the equipment in accordance with the contract's terms & conditions (to include the "Special Contract Terms and Conditions")

For the specific make and models data, refer to the document shown in the "bookmarks" as "Contract Reference Sheets".

(Note that there are two listings: one for Plow Wings and one for Plows)

These contracts are contained in SRM under the Material Service Contract Catalog (MSCC).

Plow Wings

CONTRACT REFERENCE SHEETS

DESCRIPTION	MFG'ER	MODEL #	OVERALL LENGTH	CUTTING EDGE	HEIGHT	WEIGHT	UNIT PRICE	CONTRACTOR NAME and CONTRACT NUMBER
Plow Wing Patrol -- Right, Cable Control, pursuant to specification 022700, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022700	11"	10"	35.5"	865	\$11,378.00	Tenco USA Contract #4400000508
Plow Wing Patrol -- Right, Cable Control, pursuant to specification 022700, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022700	132"	120"	29-36"	MIN 755#	\$11,600.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Right, Cable Control, pursuant to specification 022700, dated March 15, 2007 (DMA)	MONROE	10DFWMB-RIGHT 022700	128	120	39	1425	\$17,081.00	IMSupplies Contract #4400000511
Plow Wing Patrol -- Right, Cable Control, pursuant to specification 022700, dated March 15, 2007 (DMA)	HENKE	PW10' -PA-05 022700	120"	1/2" X 6"	34" inbrd 41" outbrd	2340	\$17,945.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Right, without Truck Mounted Valve Sections and with Electronic Joysticks, pursuant to specification 022710, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022710	11"	10"	35.5"	865	\$13,230.00	Tenco USA Contract #4400000508
Plow Wing Patrol -- Right, without Truck Mounted Valve Sections and with Electronic Joysticks, pursuant to specification 022710, dated March 15, 2007 (DMA)	MONROE	10DFWMB-RIGHT 022710	128	120	39	1425	\$17,605.00	IMSupplies Contract #4400000511

Plow Wings

CONTRACT REFERENCE SHEETS

DESCRIPTION	MFG'ER	MODEL #	OVERALL LENGTH	CUTTING EDGE	HEIGHT	WEIGHT	UNIT PRICE	CONTRACTOR NAME and CONTRACT NUMBER
Plow Wing Patrol -- Right, without Truck Mounted Valve Sections and with Electronic Joysticks, pursuant to specification 022710, dated March 15, 2007 (DMA)	HENKE	PW10' - PA-05 022710	120"	1/2" X 6"	34" inbrd 41" outbrd	2340	\$18,625.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Right, without Truck Mounted Valve Sections and with Electronic Joysticks, pursuant to specification 022710, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022710	132"	120"	29-36"	MIN 755#	\$24,052.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Right, with Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022720, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022720	11"	10"	35.5"	865	\$10,689.00	Tenco USA Contract #4400000508
Plow Wing Patrol -- Right, with Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022720, dated March 15, 2007 (DMA)	MONROE	10DFWMB-RIGHT 022720	128	120	39	1425	\$15,878.00	IMSupplies Contract #4400000511
Plow Wing Patrol -- Right, with Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022720, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022720	132"	120"	29-36"	MIN 755#	\$23,490.00	Valk Mfg. Contract #4400000509

Plow Wings

CONTRACT REFERENCE SHEETS

DESCRIPTION	MFG'ER	MODEL #	OVERALL LENGTH	CUTTING EDGE	HEIGHT	WEIGHT	UNIT PRICE	CONTRACTOR NAME and CONTRACT NUMBER
Plow Wing Patrol -- Right, with Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022720, dated March 15, 2007 (DMA)	HENKE	PW10' - PA-05 022720	120"	1/2" X 6"	34" inbrd 41" outbrd	2340	\$25,565.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Left, Cable Control, pursuant to specification 022800, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022800	11"	10"	35.5"	865	\$11,650.00	Tenco USA Contract #4400000508
Plow Wing Patrol -- Left, Cable Control, pursuant to specification 022800, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022800	132"	120"	29-36"	MIN 755#	\$11,777.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Left, Cable Control, pursuant to specification 022800, dated March 15, 2007 (DMA)	MONROE	10DFWMB-LEFT 022800	128	120	39	1425	\$17,401.00	IMSupplies Contract #4400000511
Plow Wing Patrol -- Left, Cable Control, pursuant to specification 022800, dated March 15, 2007 (DMA)	HENKE	PW10' - PA-05 022800	120"	1/2" X 6"	34" inbrd 41" outbrd	2340	\$17,945.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Left, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022810, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022810	11"	10"	35.5"	865	\$13,897.00	Tenco USA Contract #4400000508

Plow Wings

CONTRACT REFERENCE SHEETS

DESCRIPTION	MFG'ER	MODEL #	OVERALL LENGTH	CUTTING EDGE	HEIGHT	WEIGHT	UNIT PRICE	CONTRACTOR NAME and CONTRACT NUMBER
Plow Wing Patrol -- Left, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022810, dated March 15, 2007 (DMA)	MONROE	10DFWMB-LEFT 022810	128	120	39	1425	\$17,925.00	IMSupplies Contract #4400000511
Plow Wing Patrol -- Left, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022810, dated March 15, 2007 (DMA)	HENKE	PW10' - PA-05 022810	120"	1/2" X 6"	34" inbrd 41" outbrd	2340	\$18,625.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Left, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022810, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022810	132"	120"	29-36"	MIN 755#	\$24,052.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Left, With Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022820, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022820	11"	10"	35.5"	865	\$11,399.00	Tenco USA Contract #4400000508
Plow Wing Patrol -- Left, With Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022820, dated March 15, 2007 (DMA)	MONROE	10DFWMB-LEFT 022820	128	120	39	1425	\$16,198.00	IMSupplies Contract #4400000511

Plow Wings

CONTRACT REFERENCE SHEETS

DESCRIPTION	MFG'ER	MODEL #	OVERALL LENGTH	CUTTING EDGE	HEIGHT	WEIGHT	UNIT PRICE	CONTRACTOR NAME and CONTRACT NUMBER
Plow Wing Patrol -- Left, With Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022820, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022820	132"	120"	29-36"	MIN 755#	\$23,490.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Left, With Truck Mounted Valve Sections & Electronic Joysticks, pursuant to specification 022820, dated March 15, 2007 (DMA)	HENKE	PW10' - PA-05 22820	120"	1/2" X 6"	34" inbrd 41" outbrd	2340	\$25,565.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Dual, Cable Control, pursuant to specification 022900, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022900	132"	120"	29-36"	MIN 755#	\$19,444.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Dual, Cable Control, pursuant to specification 022900, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW- 10H-38-N-R 022900	11"	10"	35.5"	865	\$23,033.00	Tenco USA Contract #4400000508
Plow Wing Patrol -- Dual, Cable Control, pursuant to specification 022900, dated March 15, 2007 (DMA)	HENKE	PWHB10' - PA-05 022900	120"	1/2" X 6"	34" inbrd 41" outbrd	3300	\$27,085.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Dual, Cable Control, pursuant to specification 022900, dated March 15, 2007 (DMA)	MONROE	10DFWMB-DUAL 022900	128	120	39	2850	\$29,589.00	IMSupplies Contract #4400000511

Plow Wings

CONTRACT REFERENCE SHEETS

DESCRIPTION	MFG'ER	MODEL #	OVERALL LENGTH	CUTTING EDGE	HEIGHT	WEIGHT	UNIT PRICE	CONTRACTOR NAME and CONTRACT NUMBER
Plow Wing Patrol -- Dual, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022910, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022910	11"	10"	35.5"	865	\$25,778.00	Tenco USA Contract #4400000508
Plow Wing Patrol -- Dual, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022910, dated March 15, 2007 (DMA)	HENKE	PWHB10' - PA-06 022910	120"	1/2" X 6"	34" inbrd 41" outbrd	3300	\$27,085.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Dual, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022910, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022910	132"	120"	29-36"	MIN 755#	\$27,999.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Dual, Without Truck Mounted Valve Sections and With Electronic Joysticks, pursuant to specification 022910, dated March 15, 2007 (DMA)	MONROE	10DFWMB-DUAL 022910	128	120	39	2850	\$29,589.00	IMSupplies Contract #4400000511
Plow Wing Patrol -- Dual, With Truck Mounted Valve Sections and Electronic Joysticks, pursuant to specification 022920, dated March 15, 2007 (DMA)	TENCO LTD	TC-110-HD TCW-10H-38-N-R 022920	11"	10"	35.5"	865	\$23,198.00	Tenco USA Contract #4400000508

Plow Wings

CONTRACT REFERENCE SHEETS

DESCRIPTION	MFG'ER	MODEL #	OVERALL LENGTH	CUTTING EDGE	HEIGHT	WEIGHT	UNIT PRICE	CONTRACTOR NAME and CONTRACT NUMBER
Plow Wing Patrol -- Dual, With Truck Mounted Valve Sections and Electronic Joysticks, pursuant to specification 022920, dated March 15, 2007 (DMA)	HENKE	PWHB10' - PA-07 022920	120"	1/2" X 6"	34" inbrd 41" outbrd	3300	\$26,130.00	J & J Truck Equipment Contract #4400000510
Plow Wing Patrol -- Dual, With Truck Mounted Valve Sections and Electronic Joysticks, pursuant to specification 022920, dated March 15, 2007 (DMA)	VALK MFG. CO.	WP-200-10 022920	132"	120"	29-46"	MIN 755#	\$27,111.00	Valk Mfg. Contract #4400000509
Plow Wing Patrol -- Dual, With Truck Mounted Valve Sections and Electronic Joysticks, pursuant to specification 022920, dated March 15, 2007 (DMA)	MONROE	10DFWMB-DUAL 022920	128	120	39	2850	\$27,522.00	IMSupplies Contract #4400000511

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	10ST36MX1	10'	36"	36"	Full Trip	1960	Reversible 10 FT	\$9,003.00	\$9,003.00	Lancaster Truck Contract #4400000512
BONNELL	10ST42MX1	10'	42"	42"	Full Trip	2052	Reversible 10 FT	\$9,317.00	\$9,317.00	Lancaster Truck Contract #4400000512
BONNELL	11ST42MX1	11'	42"	42"	Full Trip	2119	Reversible 11 FT	\$9,497.00	\$9,497.00	Lancaster Truck Contract #4400000512
BONNELL	11ST49MX1	11'	49"	49"	Full Trip	2170	Reversible 11 FT	\$9,896.00	\$9,896.00	Lancaster Truck Contract #4400000512
BONNELL	12ST49MX1	12'	49"	49"	Full Trip	2240	Reversible 12 FT	\$10,091.00	\$10,091.00	Lancaster Truck Contract #4400000512
BONNELL	09ST42TT1	9'	42"	42"	Trip Edge	2050	Reversible 9 FT	\$9,599.00	\$9,599.00	Lancaster Truck Contract #4400000512
BONNELL	10ST36TT1	10'	36"	36"	Trip Edge	2050	Reversible 10 FT	\$9,687.00	\$9,687.00	Lancaster Truck Contract #4400000512
BONNELL	10ST42TT1	10'	42"	42"	Trip Edge	2142	Reversible 10 FT	\$10,017.00	\$10,017.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	11ST42TT1	11'	42"	42"	Trip Edge	2209	Reversible 11 FT	\$10,194.00	\$10,194.00	Lancaster Truck Contract #4400000512
BONNELL	11ST49TT1	11'	49"	49"	Trip Edge	2260	Reversible 11 FT	\$10,584.00	\$10,584.00	Lancaster Truck Contract #4400000512
BONNELL	12ST49TT1	12'	49"	49"	Trip Edge	2330	Reversible 12 FT	\$10,788.00	\$10,788.00	Lancaster Truck Contract #4400000512
BONNELL	10ST36MC7	10'	36"	36"	Full Trip	1675	Metropolitan Reversible 10 FT	\$8,288.00	\$8,288.00	Lancaster Truck Contract #4400000512
BONNELL	10ST42MC7	10'	42"	42"	Full Trip	1775	Metropolitan Reversible 10 FT	\$8,633.00	\$8,633.00	Lancaster Truck Contract #4400000512
BONNELL	11ST42MC7	11'	42"	42"	Full Trip	1825	Metropolitan Reversible 11 FT	\$8,814.00	\$8,814.00	Lancaster Truck Contract #4400000512
BONNELL	11ST49MC7	11'	49"	49"	Full Trip	1885	Metropolitan Reversible 11 FT	\$9,214.00	\$9,214.00	Lancaster Truck Contract #4400000512
BONNELL	12ST49MC7	12'	49"	49"	Full Trip	1955	Metropolitan Reversible 12 FT	\$9,413.00	\$9,413.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	09ST42TT7	9'	42"	42"	Trip Edge	1765	Metropolitan Reversible 9 FT	\$9,405.00	\$9,405.00	Lancaster Truck Contract #4400000512
BONNELL	10ST36TT7	10'	36"	36"	Trip Edge	1765	Metropolitan Reversible 10 FT	\$9,493.00	\$9,493.00	Lancaster Truck Contract #4400000512
BONNELL	10ST42TT7	10'	42"	42"	Trip Edge	1865	Metropolitan Reversible 10 FT	\$9,839.00	\$9,839.00	Lancaster Truck Contract #4400000512
BONNELL	11ST42TT7	11'	42"	42"	Trip Edge	1915	Metropolitan Reversible 11 FT	\$10,020.00	\$10,020.00	Lancaster Truck Contract #4400000512
BONNELL	11ST49TT7	11'	49"	49"	Trip Edge	1975	Metropolitan Reversible 11 FT	\$10,422.00	\$10,422.00	Lancaster Truck Contract #4400000512
BONNELL	12ST49TT7	12'	49"	49"	Trip Edge	2045	Metropolitan Reversible 12 FT	\$10,630.00	\$10,630.00	Lancaster Truck Contract #4400000512
BONNELL	10DD42MX1	10'	42"	42"	Full Trip	2269	Dual Ear Reversible 10 FT	\$10,355.00	\$10,355.00	Lancaster Truck Contract #4400000512
BONNELL	11DD42MX1	11'	42"	42"	Full Trip	2330	Dual Ear Reversible 11 FT	\$10,530.00	\$10,530.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	11DD49MX1	11'	49"	49"	Full Trip	2436	Dual Ear Reversible 11 FT	\$10,936.00	\$10,936.00	Lancaster Truck Contract #4400000512
BONNELL	12DD49MX1	12'	49"	49"	Full Trip	2526	Dual Ear Reversible 12 FT	\$11,102.00	\$11,102.00	Lancaster Truck Contract #4400000512
BONNELL	12DD60MX1	12'	60"	60"	Full Trip	2980	Dual Ear Reversible 12 FT	\$12,558.00	\$12,558.00	Lancaster Truck Contract #4400000512
BONNELL	10RDD42MX1	10'	42"	42"	Full Trip	2169	Right Ear Reversible 10 FT	\$10,164.00	\$10,164.00	Lancaster Truck Contract #4400000512
BONNELL	11RDD42MX1	11'	42"	42"	Full Trip	2230	Right Ear Reversible 11 FT	\$10,338.00	\$10,338.00	Lancaster Truck Contract #4400000512
BONNELL	11RDD49MX1	11'	49"	49"	Full Trip	2336	Right Ear Reversible 11 FT	\$10,745.00	\$10,745.00	Lancaster Truck Contract #4400000512
BONNELL	12RDD49MX1	12'	49"	49"	Full Trip	2426	Right Ear Reversible 12 FT	\$10,910.00	\$10,910.00	Lancaster Truck Contract #4400000512
BONNELL	12RDD60MX1	12'	60"	60"	Full Trip	2880	Right Ear Reversible 12 FT	\$12,366.00	\$12,366.00	Lancaster Truck Contract #4400000512

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	10DD42TT1	10'	42"	42"	Trip Edge	2359	Dual Ear Reversible 10 FT	\$11,261.00	\$11,261.00	Lancaster Truck Contract #4400000512
BONNELL	11DD42TT1	11'	42"	42"	Trip Edge	2430	Dual Ear Reversible 11 FT	\$11,437.00	\$11,437.00	Lancaster Truck Contract #4400000512
BONNELL	11DD49TT1	11'	49"	49"	Trip Edge	2499	Dual Ear Reversible 11 FT	\$11,833.00	\$11,833.00	Lancaster Truck Contract #4400000512
BONNELL	12DD49TT1	12'	49"	49"	Trip Edge	2599	Dual Ear Reversible 12 FT	\$11,999.00	\$11,999.00	Lancaster Truck Contract #4400000512
BONNELL	10RDD42TT1	10'	42"	42"	Trip Edge	2259	Right Ear Reversible 10 FT	\$11,065.00	\$11,065.00	Lancaster Truck Contract #4400000512
BONNELL	11RDD42TT1	11'	42"	42"	Trip Edge	2330	Right Ear Reversible 11 FT	\$11,246.00	\$11,246.00	Lancaster Truck Contract #4400000512
BONNELL	11RDD49TT1	11'	49"	49"	Trip Edge	2399	Right Ear Reversible 11 FT	\$11,642.00	\$11,642.00	Lancaster Truck Contract #4400000512
BONNELL	12RDD49TT1	12'	49"	49"	Trip Edge	2499	Right Ear Reversible 12 FT	\$11,807.00	\$11,807.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	10TA2848MX5	10'	28"	48"	Full Trip	1834	One Way 10 FT	\$7,330.00	\$7,330.00	Lancaster Truck Contract #4400000512
BONNELL	10TA3252MX5	10'	32"	52"	Full Trip	1874	One Way 10 FT	\$7,582.00	\$7,582.00	Lancaster Truck Contract #4400000512
BONNELL	10TA3960MX5	10'	39"	60"	Full Trip	1957	One Way 10 FT	\$7,837.00	\$7,837.00	Lancaster Truck Contract #4400000512
BONNELL	11TA2749MX5	11'	27"	49"	Full Trip	1901	One Way 11 FT	\$7,476.00	\$7,476.00	Lancaster Truck Contract #4400000512
BONNELL	11TA3153MX5	11'	31"	53"	Full Trip	1944	One Way 11 FT	\$7,764.00	\$7,764.00	Lancaster Truck Contract #4400000512
BONNELL	11TA3861MX5	11'	38"	61"	Full Trip	2032	One Way 11 FT	\$8,013.00	\$8,013.00	Lancaster Truck Contract #4400000512
BONNELL	12TA2650MX5	12'	26"	50"	Full Trip	1978	One Way 12 FT	\$7,650.00	\$7,650.00	Lancaster Truck Contract #4400000512
BONNELL	12TA3054MX5	12'	30"	54"	Full Trip	2023	One Way 12 FT	\$7,935.00	\$7,935.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	12TA3762MX5	12'	37"	62"	Full Trip	2116	One Way 12 FT	\$8,184.00	\$8,184.00	Lancaster Truck Contract #4400000512
BONNELL	12TA4272MX5	12'	42"	72"	Full Trip	2316	One Way 12 FT	\$9,328.00	\$9,328.00	Lancaster Truck Contract #4400000512
BONNELL	9ST36M8	9'	36"	36"	Full Trip	1400	Reversible 9 FT	\$7,069.00	\$7,069.00	Lancaster Truck Contract #4400000512
BONNELL	9ST42M8	9'	42"	42"	Full Trip	1525	Reversible 9 FT	\$7,235.00	\$7,235.00	Lancaster Truck Contract #4400000512
BONNELL	10ST36M8	10'	36"	36"	Full Trip	1431	Reversible 10 FT	\$7,263.00	\$7,263.00	Lancaster Truck Contract #4400000512
BONNELL	10ST42M8	10'	42"	42"	Full Trip	1580	Reversible 10 FT	\$7,441.00	\$7,441.00	Lancaster Truck Contract #4400000512
BONNELL	11ST36M8	11'	36"	36"	Full Trip	1481	Reversible 11 FT	\$7,458.00	\$7,458.00	Lancaster Truck Contract #4400000512
BONNELL	11ST42M8	11'	42"	42"	Full Trip	1635	Reversible 11 FT	\$7,647.00	\$7,647.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	12ST36M8	12'	36"	36"	Full Trip	1531	Reversible 12 FT	\$7,641.00	\$7,641.00	Lancaster Truck Contract #4400000512
BONNELL	12ST42M8	12'	42"	42"	Full Trip	1690	Reversible 12 FT	\$7,852.00	\$7,852.00	Lancaster Truck Contract #4400000512
BONNELL	09ST31M4	9'	31"	31"	Full Trip	1025	Reversible 9 FT	\$6,562.00	\$6,562.00	Lancaster Truck Contract #4400000512
BONNELL	09ST31T4	9'	31"	31"	Trip Edge	1225	Reversible 9 FT	\$7,081.00	\$7,081.00	Lancaster Truck Contract #4400000512
BONNELL	10ST31M4	10'	31"	31"	Full Trip	1050	Reversible 10 FT	\$6,740.00	\$6,740.00	Lancaster Truck Contract #4400000512
BONNELL	10ST31T4	10'	31"	31"	Trip Edge	1275	Reversible 10 FT	\$7,255.00	\$7,255.00	Lancaster Truck Contract #4400000512
BONNELL	09TA2742M4	9'	27"	42"	Full Trip	1000	One Way Reversible 9 FT	\$7,008.00	\$7,008.00	Lancaster Truck Contract #4400000512
BONNELL	09TA2742T4	9'	27"	42"	Trip Edge	1135	One Way Reversible 9 FT	\$7,597.00	\$7,597.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	10TA2643M4	10'	26"	43"	Full Trip	1075	One Way Reversible 10 FT	\$7,183.00	\$7,183.00	Lancaster Truck Contract #4400000512
BONNELL	10TA2643T4	10'	26"	43"	Trip Edge	1210	One Way Reversible 10 FT	\$7,770.00	\$7,770.00	Lancaster Truck Contract #4400000512
BONNELL	10ST36MX9	10'	36"	36"	Full Trip	1675	Metropolitan Reversible 10 FT	\$8,976.00	\$8,976.00	Lancaster Truck Contract #4400000512
BONNELL	11ST42MX9	11'	42"	42"	Full Trip	1825	Metropolitan Reversible 11 FT	\$9,497.00	\$9,497.00	Lancaster Truck Contract #4400000512
BONNELL	11ST49MX9	11'	49"	49"	Full Trip	1885	Metropolitan Reversible 11 FT	\$9,896.00	\$9,896.00	Lancaster Truck Contract #4400000512
BONNELL	12ST42MX9	12'	42"	42"	Full Trip	1955	Metropolitan Reversible 12 FT	\$9,721.00	\$9,721.00	Lancaster Truck Contract #4400000512
BONNELL	12ST49MX9	12'	49"	49"	Full Trip	2025	Metropolitan Reversible 12 FT	\$10,091.00	\$10,091.00	Lancaster Truck Contract #4400000512
BONNELL	10TA2848MX9	10'	28"	48"	Full Trip	1834	Metropolitan One Way Reversible 10 FT	\$9,344.00	\$9,344.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	10TA3252MX9	10'	32"	52"	Full Trip	1874	Metropolitan One Way Reversible 10 FT	\$9,575.00	\$9,575.00	Lancaster Truck Contract #4400000512
BONNELL	10TA3960MX9	10'	39"	60"	Full Trip	1957	Metropolitan One Way Reversible 10 FT	\$9,824.00	\$9,824.00	Lancaster Truck Contract #4400000512
BONNELL	11TA2749MX9	11'	27"	49"	Full Trip	1901	Metropolitan One Way Reversible 11 FT	\$9,486.00	\$9,486.00	Lancaster Truck Contract #4400000512
BONNELL	11TA3153MX9	11'	31"	53"	Full Trip	1944	Metropolitan One Way Reversible 11 FT	\$9,743.00	\$9,743.00	Lancaster Truck Contract #4400000512
BONNELL	11TA3861MX9	11'	38"	61"	Full Trip	2032	Metropolitan One Way Reversible 11 FT	\$9,986.00	\$9,986.00	Lancaster Truck Contract #4400000512
BONNELL	12TA2650MX9	12'	26"	50"	Full Trip	1978	Metropolitan One Way Reversible 12 FT	\$9,653.00	\$9,653.00	Lancaster Truck Contract #4400000512
BONNELL	12TA3054MX9	12'	30"	54"	Full Trip	2023	Metropolitan One Way Reversible 12 FT	\$9,906.00	\$9,906.00	Lancaster Truck Contract #4400000512
BONNELL	12TA3762MX9	12'	37"	62"	Full Trip	2116	Metropolitan One Way Reversible 12 FT	\$10,153.00	\$10,153.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
BONNELL	12TA4272MX9	12'	42"	72"	Full Trip	2316	Metropolitan One Way Reversible 12 FT	\$11,213.00	\$11,213.00	Lancaster Truck Contract #4400000512
FLINK	10FA3053	10'	30"	53"	Cannon	1965	One-way Fixed Moldboard Trip 10 FT	\$7,662.40	\$7,662.40	US Municipal Supply Contract #4400000513
FLINK	10PA38	10'	38"	38"	Cannon	1875	10' x 38" Cannon Trip Power Reverse 10 FT	\$7,127.20	\$7,127.20	US Municipal Supply Contract #4400000513
FLINK	10PA48	10'	48"	48"	Cannon	1975	10' x 48" Cannon Trip Power Reverse 10 FT	\$7,296.40	\$7,296.40	US Municipal Supply Contract #4400000513
FLINK	10PA4860HD5	10'	48"	48"	Cannon	2600	10' x 48" Cannon Trip Power Reverse - 5" Square Tube Push Table 10 FT	\$8,359.60	\$8,359.60	US Municipal Supply Contract #4400000513

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
FLINK	11FA3054	11'	30"	54"	Cannon	2035	One-way Fixed Moldboard Trip 11 FT	\$7,902.40	\$7,902.40	US Municipal Supply Contract #4400000513
FLINK	11PA3054	11'	30"	54"	Cannon	2100	11' x 30" x 54" Cannon Trip One way Power Reverse 11 FT	\$8,443.60	\$8,443.60	US Municipal Supply Contract #4400000513
FLINK	11PA38	11'	38"	38"	Cannon	1920	11' x 38" Cannon Trip Power Reverse 11 FT	\$7,195.60	\$7,195.60	US Municipal Supply Contract #4400000513
FLINK	11PA3850	11'	38"	50"	Cannon	1985	11' x 38" Cannon Trip Power Reverse - 50" Discharge Wings 11 FT	\$7,993.60	\$7,993.60	US Municipal Supply Contract #4400000513

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
FLINK	11PA48	11'	48"	48"	Cannon	2025	11' x 48" Cannon Trip Power Reverse 11 FT	\$7,478.80	\$7,478.80	US Municipal Supply Contract #4400000513
FLINK	11PA4860	11'	48"	60"	Cannon	2090	11' x 48" Cannon Trip Power Reverse - 60" Discharge Wings 11 FT	\$8,234.80	\$8,234.80	US Municipal Supply Contract #4400000513
FLINK	11PA4860HD5	11'	48"	60"	Cannon	2645	11' x 48" Cannon Trip Power Reverse - 60" Discharge Wings - 5" Square Tube Push Table 11 FT	\$9,894.40	\$9,894.40	US Municipal Supply Contract #4400000513
FLINK	12PA48	12'	48"	48"	Cannon	2075	12' x 48" Cannon Trip Power Reverse 12 FT	\$7,602.40	\$7,602.40	US Municipal Supply Contract #4400000513

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
FLINK	12PA4860	12'	48"	60"	Cannon	2140	12' x 48" Cannon Trip Power Reverse - 60" Discharge Wings 12 FT	\$8,428.00	\$8,428.00	US Municipal Supply Contract #4400000513
FLINK	12PA4860HD5	12'	48"	60"	Cannon	2800	12' x 48" Cannon Trip Power Reverse - 60" Discharge Wings - 5" Square Tube Push Table 12 FT	\$9,469.60	\$9,469.60	US Municipal Supply Contract #4400000513
FLINK	2PR554U	11'	42"	42"	Trip Edge	1860	11' x 42" Trip Edge Power Reverse 11 FT	\$8,972.80	\$8,972.80	US Municipal Supply Contract #4400000513
FLINK	2PR559S	10'	36"	36"	Trip Edge	1450	10' x 36" Trip Edge Power Reverse 10 FT	\$7,994.80	\$7,994.80	US Municipal Supply Contract #4400000513

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
FLINK	2PR559U	10'	42"	42"	Trip Edge	1475	10' X 42" Trip Edge Power Reverse 10 FT	\$8,612.80	\$8,612.80	US Municipal Supply Contract #4400000513
FLINK	372X	10'	23"	50"	Trip Edge	1570	10' x 23" Nose x 50" Discharge. Trip Edge Fixed One Way 10 FT	\$8,881.60	\$8,881.60	US Municipal Supply Contract #4400000513
FLINK	375X	11'	30"	58"	Trip Edge	1995	11' x 30" Nose x 58" Discharge 11 FT	\$10,300.00	\$10,300.00	US Municipal Supply Contract #4400000513
GLEDHILL ROAD MACHINERY	10SBPR4	10 feet 0 inches	36 inches	36 inches	telescopic trip post	1,340 lbs.	hydraulic reversible 10 FT	\$8,010.00	\$8,010.00	Walsh Equipment Contract #4400000514
GLEDHILL ROAD MACHINERY	10HSJPR2	10 feet 0 inches	42 inches	42 inches	trip moldboard	1,983 lbs.	hydraulic reversible 10 FT	\$9,407.00	\$9,407.00	Walsh Equipment Contract #4400000514

Snow Plows

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GLEDHILL ROAD MACHINERY	11HSJPR2	11 feet 0 inches	42 inches	42 inches	trip moldboard	2,056 lbs.	hydraulic reversible 11 FT	\$9,597.00	\$9,597.00	Walsh Equipment Contract #4400000514
GLEDHILL ROAD MACHINERY	11HTB1WT	13 feet 0 inches	30.5 inches	52.5 inches	trip moldboard	1,744 lbs.	one way 13 FT	\$7,754.00	\$7,754.00	Walsh Equipment Contract #4400000514
GLEDHILL ROAD MACHINERY	11MR & LPR2	12 feet 4 inches	58 inches	58 inches	trip moldboard	2,262 lbs.	hydraulic reversible 12 FT 4 IN	\$10,650.00	\$10,650.00	Walsh Equipment Contract #4400000514
HENDERSON MFG	OWP 10'30" X 48"	11' 10"	30"	48"	Trip Edge	1954	One way reversible plow 11 FT 10 IN	\$8,160.00	\$8,108.75	PA Public Works Contract #4400000507
HENDERSON MFG	OWP 10'30" X 48"	11' 10"	30"	48"	Full Trip	1954	One way reversible plow 11 FT 10 IN	\$7,045.00	\$6,993.75	PA Public Works Contract #4400000507
HENDERSON MFG	OWP 11'30" X 48"	12' 8"	30"	48"	Trip Edge	2007	One way reversible plow 12 FT 8 IN	\$8,272.50	\$8,221.25	PA Public Works Contract #4400000507
HENDERSON MFG	OWP 11'30" X 48"	12' 8"	30"	48"	Full Trip	2007	One way reversible plow 12 FT 8 IN	\$7,157.50	\$7,106.25	PA Public Works Contract #4400000507
HENDERSON MFG	OWP 11'30" X 53"	14' 3"	30"	53"	Slotted	2000	One Way Plow 14 FT 3 IN	\$6,875.00	\$6,826.25	PA Public Works Contract #4400000507

Snow Plows

CONTRACT REFERENCE SHEETS

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HENDERSON MFG	OWP 11'40" X 56"	13' 5"	40"	56"	Trip Edge	2201	One way reversible plow 13 FT 5 IN	\$8,400.00	\$8,350.00	PA Public Works Contract #4400000507
HENDERSON MFG	OWP 11'40" X 56"	13' 5"	40"	56"	Full Trip	2201	One way reversible plow 13 FT 5 IN	\$7,285.00	\$7,232.50	PA Public Works Contract #4400000507
HENDERSON MFG	OWP 11'40" X 63"	14' 3"	40"	63"	Slotted	2120	One Way Plow 14 FT 3 IN	\$7,176.25	\$7,126.25	PA Public Works Contract #4400000507
HENDERSON MFG	OWP 12'39" X 64"	15' 3"	39"	64"	Slotted	2261	One Way Plow 15 FT 3 IN	\$7,258.75	\$7,160.00	PA Public Works Contract #4400000507
HENDERSON MFG	RSP 10' X 36" ISTE	10'	36"	36"	Trip Edge	1900	Reversible Snow Plow 10 FT	\$8,163.75	\$8,112.50	PA Public Works Contract #4400000507
HENDERSON MFG	RSP 11' X 36" ISTE	11'	36"	36"	Trip Edge	1965	Reversible Snow Plow 11 FT	\$8,268.75	\$8,217.50	PA Public Works Contract #4400000507
HENDERSON MFG	RSP 11' X 42" ISFT	11'	42"	42"	Full Trip	1980	Reversible Snow Plow 11 FT	\$7,210.00	\$7,157.50	PA Public Works Contract #4400000507
HENDERSON MFG	RSP 11' X 42" ISTE	11'	42"	42"	Trip Edge	1980	Reversible Snow Plow 11 FT	\$8,325.00	\$8,273.75	PA Public Works Contract #4400000507

Snow Plows

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HENDERSON MFG	RSP 11' X 48" ISFT	11'	48"	48"	Full Trip	2010	Reversible Snow Plow 11 FT	\$7,262.50	\$7,211.25	PA Public Works Contract #4400000507
HENDERSON MFG	RSP 12' X 48" ISFT	12'	48"	48"	Full Trip	2075	Reversible Snow Plow 12 FT	\$7,348.75	\$7,297.50	PA Public Works Contract #4400000507
HENKE	30-47-10IS	130"	30"	47"	ECT	1820	One Way 10 FT 10 IN	\$4,515.00	\$4,515.00	J & J Truck Equipment Contract #4400000510
HENKE	30-47-10IS	130"	30"	47"	Cannon	1870	One Way 10 FT 10 IN	\$4,515.00	\$4,515.00	J & J Truck Equipment Contract #4400000510
HENKE	30-47-11IS	142"	30"	47"	ECT	1940	One Way 11 FT 10 IN	\$4,597.00	\$4,597.00	J & J Truck Equipment Contract #4400000510
HENKE	30-47-11IS	142"	30"	47"	Cannon	1990	One Way 11 FT 10 IN	\$4,597.00	\$4,597.00	J & J Truck Equipment Contract #4400000510
HENKE	39-52-11IS	142"	39"	52"	ECT	2095	One Way 11 FT 10 IN	\$5,035.00	\$5,035.00	J & J Truck Equipment Contract #4400000510
HENKE	39-52-11IS	142"	39"	52"	Cannon	2145	One Way 11 FT 10 IN	\$5,035.00	\$5,035.00	J & J Truck Equipment Contract #4400000510

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
HENKE	39-52-12IS	154"	39"	52"	ECT	2260	One Way 12 FT 10 IN	\$5,125.00	\$5,125.00	J & J Truck Equipment Contract #4400000510
HENKE	39-52-12IS	154"	39"	52"	Cannon	2310	One Way 12 FT 10 IN	\$5,125.00	\$5,125.00	J & J Truck Equipment Contract #4400000510
HENKE	30-60-11IS	163"	30"	60"	Slotted	2370	One Way 13 FT 7 IN	\$5,550.00	\$5,550.00	J & J Truck Equipment Contract #4400000510
HENKE	30-60-12IS	175"	30"	60"	Slotted	2450	One Way 14 FT 7 IN	\$5,637.00	\$5,637.00	J & J Truck Equipment Contract #4400000510
HENKE	40-65-11IS	163"	40"	65"	Slotted	2320	One Way 13 FT 7 IN	\$5,985.00	\$5,985.00	J & J Truck Equipment Contract #4400000510
HENKE	40-65-12IS	175"	40"	65"	Slotted	2540	One Way 14 FT 7 IN	\$6,070.00	\$6,070.00	J & J Truck Equipment Contract #4400000510
HENKE	30-47-10ISC	130"	30"	47"	ECT	1910	One Way Reversible 10 FT 10 IN	\$5,310.00	\$5,310.00	J & J Truck Equipment Contract #4400000510
HENKE	39-52-11ISC	142"	39"	52"	ECT	2280	One Way Reversible 11 FT 10 IN	\$5,580.00	\$5,580.00	J & J Truck Equipment Contract #4400000510

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HENKE	39-52-12ISC	154"	39"	52"	ECT	2310	One Way Reversible 12 FT 10 IN	\$5,672.00	\$5,672.00	J & J Truck Equipment Contract #4400000510
HENKE	30-60-11ISC	163"	30"	60"	Slotted	2370	One Way Reversible 13 FT 7 IN	\$6,587.00	\$6,587.00	J & J Truck Equipment Contract #4400000510
HENKE	30-60-12ISC	175"	30"	60"	Slotted	2450	One Way Reversible 14 FT 7 IN	\$6,675.00	\$6,675.00	J & J Truck Equipment Contract #4400000510
HENKE	40-65-11ISC	163"	40"	65"	Slotted	2320	One Way Reversible 13 FT 7 IN	\$7,022.00	\$7,022.00	J & J Truck Equipment Contract #4400000510
HENKE	40-65-12ISC	175"	40"	65"	Slotted	2540	One Way Reversible 14 FT 7 IN	\$7,106.00	\$7,106.00	J & J Truck Equipment Contract #4400000510
HENKE	30-47-11ISC- POLY	142"	30"	47"	ECT	2000	One Way Reversible w/Poly 11 FT 10 IN	\$5,474.00	\$5,474.00	J & J Truck Equipment Contract #4400000510
HENKE	39-52-11ISC- POLY	142"	39"	52"	ECT	2300	One Way Reversible w/Poly 11 FT 10 IN	\$5,990.00	\$5,990.00	J & J Truck Equipment Contract #4400000510
HENKE	39-52-12ISC- POLY	154"	39"	52"	ECT	2500	One Way Reversible w/Poly 12 FT 10 IN	\$6,082.00	\$6,082.00	J & J Truck Equipment Contract #4400000510

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HENKE	30-60-11ISC-POLY	163"	30"	60"	Slotted	2500	One Way Reversible w/Poly 13 FT 7 IN	\$6,997.00	\$6,997.00	J & J Truck Equipment Contract #4400000510
HENKE	30-60-12ISC-POLY	175"	30"	60"	Slotted	2600	One Way Reversible w/Poly 14 FT 7 IN	\$7,083.00	\$7,083.00	J & J Truck Equipment Contract #4400000510
HENKE	40-65-11ISC-POLY	163"	40"	65"	Slotted	2500	One Way Reversible w/Poly 13 FT 7 IN	\$7,432.00	\$7,432.00	J & J Truck Equipment Contract #4400000510
HENKE	40-65-12ISC POLY	175"	40"	65"	Slotted	2650	One Way Reversible w/Poly 14 FT 7 IN	\$7,515.00	\$7,515.00	J & J Truck Equipment Contract #4400000510
HENKE	30R10IS	120"	30"	30"	ECT	1575	Reversible 10 FT	\$4,892.00	\$4,892.00	J & J Truck Equipment Contract #4400000510
HENKE	36R10IS	120"	36"	36"	Cannon	1950	Reversible 10 FT	\$5,067.00	\$5,067.00	J & J Truck Equipment Contract #4400000510
HENKE	36R10IS	120"	36"	36"	ECT	1925	Reversible 10 FT	\$5,067.00	\$5,067.00	J & J Truck Equipment Contract #4400000510
HENKE	36R11IS	132"	36"	36"	Cannon	2020	Reversible 11 FT	\$5,124.00	\$5,124.00	J & J Truck Equipment Contract #4400000510

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HENKE	36R11IS	132"	36"	36"	ECT	1995	Reversible 11 FT	\$5,124.00	\$5,124.00	J & J Truck Equipment Contract #4400000510
HENKE	36R12IS	144'	36"	36'	Cannon	2095	Reversible 12 FT	\$5,175.00	\$5,175.00	J & J Truck Equipment Contract #4400000510
HENKE	36R12IS	144'	36"	36"	ECT	2070	Reversible 12 FT	\$5,175.00	\$5,175.00	J & J Truck Equipment Contract #4400000510
HENKE	41R10IS	120"	41"	41"	Cannon	2050	Reversible 10 FT	\$5,445.00	\$5,445.00	J & J Truck Equipment Contract #4400000510
HENKE	41R10IS	120"	41"	41"	ECT	2030	Reversible 10 FT	\$5,445.00	\$5,445.00	J & J Truck Equipment Contract #4400000510
HENKE	41R11IS	132"	41"	41"	Cannon	2110	Reversible 11 FT	\$5,505.00	\$5,505.00	J & J Truck Equipment Contract #4400000510
HENKE	41R11IS	132"	41"	41"	ECT	2090	Reversible 11 FT	\$5,505.00	\$5,505.00	J & J Truck Equipment Contract #4400000510
HENKE	41R12IS	144'	41"	41"	Cannon	2120	Reversible 12 FT	\$5,559.00	\$5,559.00	J & J Truck Equipment Contract #4400000510

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
HENKE	41R12IS	144'	41"	41"	ECT	2100	Reversible 12 FT	\$5,559.00	\$5,559.00	J & J Truck Equipment Contract #4400000510
HENKE	48R10IS	120"	48"	48"	Dual Cannon	2265	Reversible 10 FT	\$5,943.00	\$5,943.00	J & J Truck Equipment Contract #4400000510
HENKE	48R11IS	132"	48"	48"	Dual Cannon	2320	Reversible 11 FT	\$6,010.00	\$6,010.00	J & J Truck Equipment Contract #4400000510
HENKE	48R12IS	144'	48"	48"	Dual Cannon	2375	Reversible 12 FT	\$6,063.00	\$6,063.00	J & J Truck Equipment Contract #4400000510
HENKE	EXP 11	132"	40"	52"	Dual Cannon	2400	Reversible Expressway 11 FT	\$6,400.00	\$6,400.00	J & J Truck Equipment Contract #4400000510
HENKE	EXP 12	144'	40"	52"	Dual Cannon	2510	Reversible Expressway 12 FT	\$6,490.00	\$6,490.00	J & J Truck Equipment Contract #4400000510
HENKE	38R10J	120"	38"	38"	Tripedge	1995	Reversible "J" Moldboard 12 FT	\$6,597.00	\$6,597.00	J & J Truck Equipment Contract #4400000510
HENKE	38R11J	132"	38"	38"	Tripedge	2070	Reversible "J" Moldboard 11 FT	\$6,736.00	\$6,736.00	J & J Truck Equipment Contract #4400000510

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
HENKE	38R12J	144'	38"	38"	Tripedge	2140	Reversible "J" Moldboard 12 FT	\$6,877.00	\$6,877.00	J & J Truck Equipment Contract #4400000510
HENKE	43R10J	120"	43"	43"	Tripedge	2260	Reversible "J" Moldboard 12 FT	\$6,969.00	\$6,969.00	J & J Truck Equipment Contract #4400000510
HENKE	43R11J	132"	43"	43"	Tripedge	2320	Reversible "J" Moldboard 11 FT	\$7,108.00	\$7,108.00	J & J Truck Equipment Contract #4400000510
HENKE	43R12J	144'	43"	43"	Tripedge	2380	Reversible "J" Moldboard 12 FT	\$7,248.00	\$7,248.00	J & J Truck Equipment Contract #4400000510
HENKE	38R10J POLY	120"	38"	38"	Tripedge	1995	Reversible "J" Moldboard w/Poly 12 FT	\$6,597.00	\$6,597.00	J & J Truck Equipment Contract #4400000510
HENKE	38R11J POLY	132"	38"	38"	Tripedge	2070	Reversible "J" Moldboard w/Poly 11 FT	\$6,736.00	\$6,736.00	J & J Truck Equipment Contract #4400000510
HENKE	38R12J POLY	144'	38"	38"	Tripedge	2140	Reversible "J" Moldboard w/Poly 12 FT	\$6,877.00	\$6,877.00	J & J Truck Equipment Contract #4400000510
HENKE	43R10J POLY	120"	43"	43"	Tripedge	2260	Reversible "J" Moldboard w/Poly 12 FT	\$6,969.00	\$6,969.00	J & J Truck Equipment Contract #4400000510

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
HENKE	43R11J POLY	132"	43"	43"	Tripedge	2320	Reversible "J" Moldboard w/Poly 11 FT	\$7,108.00	\$7,108.00	J & J Truck Equipment Contract #4400000510
HENKE	43R12J POLY	144'	43"	43"	Tripedge	2380	Reversible "J" Moldboard w/Poly 12 FT	\$7,248.00	\$7,248.00	J & J Truck Equipment Contract #4400000510
HENKE	41R11IS MOUSE EARS	132"	41"	54"	Cannon	2430	Reversible w/dual discharge ears 11 FT	\$5,895.00	\$5,895.00	J & J Truck Equipment Contract #4400000510
HENKE	41R12IS MOUSE EARS	144'	41"	54"	Cannon	2450	Reversible w/dual discharge ears 12 FT	\$5,980.00	\$5,980.00	J & J Truck Equipment Contract #4400000510
HENKE	48R11IS MOUSE EARS	132"	48"	62"	Dual Cannon	2540	Reversible w/dual discharge ears 11 FT	\$6,598.00	\$6,598.00	J & J Truck Equipment Contract #4400000510
HENKE	48R12IS MOUSE EARS	144'	48"	62"	Dual Cannon	2700	Reversible w/dual discharge ears 12 FT	\$6,738.00	\$6,738.00	J & J Truck Equipment Contract #4400000510
HENKE	FVX-12	144'	41"	41"	Tripedge	3000	Folding Vee for Truciks 12 FT	\$10,366.00	\$10,366.00	J & J Truck Equipment Contract #4400000510
HENKE	REL-12	144'	41"	41"	Dual Cannon	3500	Industrial Wheel Loader Plow 12 FT	\$12,692.00	\$12,692.00	J & J Truck Equipment Contract #4400000510

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
HENKE	QP42-16	192"	42"	42"	None	2500	Quick Push 16 FT	\$6,054.00	\$6,054.00	J & J Truck Equipment Contract #4400000510
HENKE	AHW12FR	144'	28"	38"	None	4100	All Hydraulic Wing for Graders 12 FT	\$14,284.00	\$14,284.00	J & J Truck Equipment Contract #4400000510
HENKE	FV12	144'	41"	41"	None	4000	Folding Vee for Wheel Loaders 12 FT	\$17,695.00	\$17,695.00	J & J Truck Equipment Contract #4400000510
HENKE	SB6 (6 Cu-Yds)	108"	54"	54"	None	2850	Snow Basket 9 FT	\$9,205.00	\$9,205.00	J & J Truck Equipment Contract #4400000510
HENKE	SB8 (8 Cu-Yds)	120"	54"	54"	None	3350	Snow Basket 12 FT	\$10,109.00	\$10,109.00	J & J Truck Equipment Contract #4400000510
HENKE	SWL10/REL12	17'Swath	41" Plow 29" Wing	41" Plow 36" Wing	Dual Cannon	6334	Combo Plow/Wing for Wheel Loaders 17 FT	\$18,238.00	\$18,238.00	J & J Truck Equipment Contract #4400000510
HENKE	AK EXP 39- 57R12IS	144'	39"	57"	Slotted	3040	Reversible w/Right Side Discharge 12 FT	\$8,476.00	\$8,476.00	J & J Truck Equipment Contract #4400000510
HENKE	50R12ISTT	144'	50"	144"	(6) Extension Springs	2595	Reversible w/Tube Table 12 FT	\$7,659.00	\$7,659.00	J & J Truck Equipment Contract #4400000510

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
HENKE	PW10'-PA-05	120"	34"	41"	Full Moldboard	2340	Patrol Wing 12 FT	\$5,952.00	\$5,952.00	J & J Truck Equipment Contract #4400000510
HENKE	PWHB10'-PA-05	120"	34"	41"	Full Moldboard	3300	High Bench Patrol Wing 12 FT	\$9,695.00	\$9,695.00	J & J Truck Equipment Contract #4400000510
HENKE	UBS-XH11	132"	20"	20"	Spring Canister	2600	Underbody Scraper 11 FT	\$6,647.00	\$6,674.00	J & J Truck Equipment Contract #4400000510
MONROE	MPFA-30-60-12-ISCT - PA	12	30	60	FULL	2110	ONE WAY FIXED ANGLE 12 FT	\$7,115.00	\$7,115.00	IMSupplies Contract #4400000511
MONROE	MPFA-39-52-11-ISCT - PA	11	39	52	FULL	1930	ONE WAY FIXED ANGLE 11 FT	\$6,877.50	\$6,877.50	IMSupplies Contract #4400000511
MONROE	MPFT-40-58-11-ISCT-EXP - PA	11	40	58	FULL	2750	REVERSIBLE FULL TRIP SOUTH DAKOTA WITH FLARED MOLDBOARD AND 6 POINT ATTACHMENT MOLDBOARD 11 FT	\$9,313.75	\$9,313.75	IMSupplies Contract #4400000511

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
MONROE	MPFT-40-58- 11-ISCT-UT- EXP - PA	11	40	58	FULL	2720	REVERSIBLE SOUTH DAKOTA 4 ATTACHMENT POINT PUSH FRAME 11 FT	\$9,092.50	\$9,092.50	IMSupplies Contract #4400000511
MONROE	MPFT-40-58- 12-ISCT-UT- EXP - PA	12	40	58	FULL	2950	REVERSIBLE SOUTH DAKOTA 4 ATTACHMENT POINT PUSH FRAME 12 FT	\$9,280.00	\$9,280.00	IMSupplies Contract #4400000511
MONROE	MPHS-35-64- 11-ISST - PA	11	35	64	SLOTTED	2710	ONE WAY HIGH SPEED SLOTTED TRIP. PUSH HEIGHT NEEDED 14 OR 21 11 FT	\$9,077.50	\$9,077.50	IMSupplies Contract #4400000511
MONROE	MPHS-35-66- 12-ISST - PA	12	35	66	SLOTTED	2770	ONE WAY HIGH SPEED SLOTTED TRIP. PUSH HEIGHT NEEDED 14 OR 21 12 FT	\$9,228.75	\$9,228.75	IMSupplies Contract #4400000511

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
MONROE	MPHS-40-58- 11-ST-EXP-PA	11	40	58	SLOTTED	2620	REVERSIBLE SLOTTED TRIP SOUTH DAKOTA 11 FT	\$8,991.25	\$8,991.25	IMSupplies Contract #4400000511
MONROE	MPHS-40-58- 12-ST-EXP-PA	12	40	58	SLOTTED	2820	REVERSIBLE SLOTTED TRIP SOUTH DAKOTA 12 FT	\$9,178.75	\$9,178.75	IMSupplies Contract #4400000511
MONROE	MPR-30-47-11- ISCT - PA	11	30	47	FULL	2025	ONE WAY FULL TRIP WITH REVERSING CYLINDERS 11 FT	\$7,645.00	\$7,645.00	IMSupplies Contract #4400000511
MONROE	MPR-30-60-11- ISCT - PA	11	30	60	FULL	2260	ONE WAY FULL TRIP WITH REVERSING CYLINDERS 11 FT	\$8,245.00	\$8,245.00	IMSupplies Contract #4400000511

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
MONROE	MPR-30-60-12- ISCT - PA	12	30	60	FULL	2360	ONE WAY FULL TRIP WITH REVERSING CYLINDERS 12 FT	\$8,432.50	\$8,432.50	IMSupplies Contract #4400000511
MONROE	MPR-39-52-11- ISCT - PA	11	39	52	FULL	2400	ONE WAY FULL TRIP WITH REVERSING CYLINDERS 11 FT	\$7,905.00	\$7,905.00	IMSupplies Contract #4400000511
MONROE	MPR-40-58-11- ISCT-EXP - PA	11	40	58	FULL	2700	REVERSIBLE FULL TRIP SOUTH DAKOTA WITH SQUARE CUT MOLDBOARD AND 6 POINT ATTACHMENT MOLDBOARD 11 FT	\$9,135.00	\$9,135.00	IMSupplies Contract #4400000511
MONROE	MPR-40-58-12- ISCT-EXP - PA	12	40	58	FULL	2850	REVERSIBLE FULL TRIP SOUTH DAKOTA WITH SQUARE CUT MOLDBOARD AND 6 POINT ATTACHMENT MOLDBOARD 12 FT	\$9,326.25	\$9,326.25	IMSupplies Contract #4400000511

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
MONROE	MPFT-36-60- 11-ISCT-EXP - PA	11	36	60	FULL	1945	REVERSIBLE FULL TRIP SOUTH DAKOTA WITH FLARED MOLDBOARD AND 4 POINT ATTACHMENT MOLDBOARD 11 FT	\$8,447.50	\$8,447.50	IMSupplies Contract #4400000511
MONROE	MPFT-36-60- 12-ISCT-EXP - PA	12	36	60	FULL	2100	REVERSIBLE FULL TRIP SOUTH DAKOTA WITH FLARED MOLDBOARD AND 4 POINT ATTACHMENT MOLDBOARD 12 FT	\$8,633.75	\$8,633.75	IMSupplies Contract #4400000511
MONROE	MPHS-31-72- 11-ISST - PA	11	31	72	SLOTTED	2250	ONE WAY HIGH SPEED SLOTTED TRIP TSUNAMI. PUSH HEIGHT NEEDED 14 OR 21 11 FT	\$8,652.50	\$8,652.50	IMSupplies Contract #4400000511
MONROE	MPHS-29-74- 12-ISST - PA	12	29	74	SLOTTED	2350	ONE WAY HIGH SPEED SLOTTED TRIP TSUNAMI. PUSH HEIGHT NEEDED 14 OR 22 12 FT	\$9,090.00	\$9,090.00	IMSupplies Contract #4400000511

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
MONROE	MP48-R10- ISCT - PA	10	48	48	FULL	1950	REVERSIBLE FULL TRIP 10 FT	\$6,857.50	\$6,857.50	IMSupplies Contract #4400000511
MONROE	SB-16 SNOW BULLY 16' - PA	16	50	50	NONE	2800	SNOW BULLY SNOW PUSHER FOR LOADER 16 FT	\$6,018.75	\$6,018.75	IMSupplies Contract #4400000511
MONROE	LOADER GRADERPLO WS 12'-PA	12	41	41	FULL	5500	LOADER GRADER HEAVY DUTY PLOW WITH LOADER HOOKUP 12 FT	\$14,778.75	\$14,778.75	IMSupplies Contract #4400000511
MONROE	MP41-R11- ISCT-PA	11	41	41	FULL	1925	REVERSIBLE FULL TRIP 11 FT	\$6,987.50	\$6,987.50	IMSupplies Contract #4400000511
MONROE	MP41-R10- ISCT-PA	10	41	41	FULL	1825	REVERSIBLE FULL TRIP 10 FT	\$6,383.75	\$6,383.75	IMSupplies Contract #4400000511

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
MONROE	MP41-R12- ISCT-PA	12	41	41	FULL	2125	REVERSIBLE FULL TRIP 12 FT	\$6,962.50	\$6,962.50	IMSupplies Contract #4400000511
MONROE	MP48-R11- ISCT-PA	11	48	48	FULL	2300	REVERSIBLE FULL TRIP 11 FT	\$6,938.75	\$6,938.75	IMSupplies Contract #4400000511
MONROE	MP48-R12- ISCT-PA	12	48	48	FULL	2400	REVERSIBLE FULL TRIP 12 FT	\$7,041.25	\$7,041.25	IMSupplies Contract #4400000511
MONROE	MPFA-30-47- 11-ISCT-PA	11	30	47	FULL	1770	ONE WAY FIXED ANGLE 11 FT	\$6,891.25	\$6,891.25	IMSupplies Contract #4400000511
MONROE	MPFA-30-60- 11-ISCT-PA	11	30	60	FULL	2010	ONE WAY FIXED ANGLE 11 FT	\$7,207.50	\$7,207.50	IMSupplies Contract #4400000511
SCHMIDT ENGINEERING (WAUSAU)	HSP4211	11 feet	42 inches	42 inches	trip edge	2,721 lbs.	Reversible 11 FT	\$9,159.00	\$8,959.00	Walsh Equipment Contract #4400000514
SCHMIDT ENGINEERING (WAUSAU)	HSP4212	12 feet	42 inches	42 inches	trip edge	2,801 lbs.	REVERSIBLE 12 FT	\$9,354.00	\$9,154.00	Walsh Equipment Contract #4400000514
SCHMIDT ENGINEERING (WAUSAU)	R4511H	11 feet	45 inches	45 inches	full moldboard trip	2,319 lbs.	Reversible 11 FT	\$8,318.00	\$8,118.00	Walsh Equipment Contract #4400000514

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
SCHMIDT ENGINEERING (WAUSAU)	WW2452	13 feet 1 inch	24 inches	52 inches	buffered trip moldboard	2,794 lbs.	Fixed Angle one-way 13 FT 1 IN	\$7,827.00	\$7,627.00	Walsh Equipment Contract #4400000514
SCHMIDT ENGINEERING (WAUSAU)	WW3269	13 feet 10 inches	32 inches	69 inches	buffered trip moldboard	2,934 lbs.	Fixed Angle one-way 13 FT 10 IN	\$8,195.00	\$7,995.00	Walsh Equipment Contract #4400000514
SNO KING	SK0420	10'	36"	36"	Double Trip	700	Reversible Steel Moldboard 10 FT	\$5,991.00	\$5,991.00	Lancaster Truck Contract #4400000512
SNO KING	SK0420POLY	10'	36"	36"	Double Trip	650	Reversible Steel Moldboard 10 FT	\$5,991.00	\$5,991.00	Lancaster Truck Contract #4400000512
TENCO	TC-132-42-H	11'	42"	42"	EDGE	2350	REVERSIBLE 11 FT	\$8,472.00	\$8,218.00	Tenco USA Contract #4400000508
TENCO	TC-132-42-TE	11'	42"	42"	EDGE	2280	REVERSIBLE POLY 11 FT	\$9,028.00	\$8,758.00	Tenco USA Contract #4400000508
TENCO	TC-132-FT-42	11'	42"	42"	FULL	1875	REVERSIBLE 11 FT	\$8,335.00	\$8,086.00	Tenco USA Contract #4400000508
TENCO	TC-144-42-H	12'	42"	42"	EDGE	2450	REVERSIBLE 12 FT	\$9,236.00	\$8,959.00	Tenco USA Contract #4400000508

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
TENCO	TC-144-42-TE	12'	42"	42"	EDGE	2350	REVERSIBLE POLY 12 FT	\$9,612.00	\$9,324.00	Tenco USA Contract #4400000508
TENCO	TC-144-FT-42	12'	42"	42"	FULL	1950	REVERSIBLE 12 FT	\$9,766.00	\$9,473.00	Tenco USA Contract #4400000508
TENCO	TC-95	11'	30"	55"	FULL	2240	ONE WAY 11 FT	\$7,192.00	\$6,976.00	Tenco USA Contract #4400000508
TENCO	TC-95-TE	11'	30"	55"	FULL	2160	ONE WAY POLY 11 FT	\$7,904.00	\$7,667.00	Tenco USA Contract #4400000508
TENCO	TC-96	11'	34"	63"	FULL	2400	ONE WAY 11 FT	\$7,518.00	\$7,293.00	Tenco USA Contract #4400000508
TENCO	TC-96-TE	11'	34"	63"	FULL	2300	ONE WAY POLY 11 FT	\$8,185.00	\$7,939.00	Tenco USA Contract #4400000508
TENCO	TC-97	11'	38"	66"	FULL	2560	ONE WAY 11 FT	\$7,979.00	\$7,740.00	Tenco USA Contract #4400000508
TENCO	TC-97-TE	11'	38"	66"	FULL	2460	ONE WAY POLY 11 FT	\$8,895.00	\$8,629.00	Tenco USA Contract #4400000508

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VALK MFG CO	RVS1036-116PR	120"	36"	36"	TRIP CYLINDER FULL TRIP	1760	CYLINDER REVERSE 10 FT	\$4,274.00	\$4,274.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1042-116PR	120"	42"	42"	TRIP CYLINDER FULL TRIP	1815	CYLINDER REVERSE 10 FT	\$4,354.00	\$4,354.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1136-116PR	132"	36"	36"	TRIP CYLINDER FULL TRIP	1885	CYLINDER REVERSE 11 FT	\$4,344.00	\$4,344.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1142-116PR	132"	42"	42"	TRIP CYLINDER FULL TRIP	1990	CYLINDER REVERSE 11 FT	\$4,424.00	\$4,424.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1150-116PR	132"	50"	50"	TRIP CYLINDER FULL TRIP	2030	CYLINDER REVERSE 11 FT	\$4,504.00	\$4,504.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1236-116PR	144"	36"	36"	TRIP CYLINDER FULL TRIP	2024	CYLINDER REVERSE 12 FT	\$4,444.00	\$4,444.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1242-116PR	144"	42"	42"	TRIP CYLINDER FULL TRIP	2085	CYLINDER REVERSE 12 FT	\$4,524.00	\$4,524.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1250-116PR	144"	50"	50"	TRIP CYLINDER FULL TRIP	2146	CYLINDER REVERSE 12 FT	\$4,604.00	\$4,604.00	Valk Mfg. Contract #4400000509

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VALK MFG CO	RVS1036- 116PR-ECT	120"	36"	36"	EXPOSED SPRING TRIP	1720	CYLINDER REVERSE 10 FT	\$4,174.00	\$4,174.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1042- 116PR-ECT	120"	42"	42"	EXPOSED SPRING TRIP	1790	CYLINDER REVERSE 10 FT	\$4,254.00	\$4,254.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1136- 116PR-ECT	132"	36"	36"	EXPOSED SPRING TRIP	1795	CYLINDER REVERSE 11 FT	\$4,244.00	\$4,244.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1142- 116PR-ECT	132"	42"	42"	EXPOSED SPRING TRIP	1856	CYLINDER REVERSE 11 FT	\$4,324.00	\$4,324.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1150- 116PR-ECT	132"	50"	50"	EXPOSED SPRING TRIP	1917	CYLINDER REVERSE 11 FT	\$4,404.00	\$4,404.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1236- 116PR-ECT	144"	36"	36"	EXPOSED SPRING TRIP	1875	CYLINDER REVERSE 12 FT	\$4,333.00	\$4,333.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1242- 116PR-ECT	144"	42"	42"	EXPOSED SPRING TRIP	1936	CYLINDER REVERSE 12 FT	\$4,429.00	\$4,429.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1250- 116PR-ECT	144"	50"	50"	EXPOSED SPRING TRIP	2136	CYLINDER REVERSE 12 FT	\$4,552.00	\$4,552.00	Valk Mfg. Contract #4400000509

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VALK MFG CO	RVS1036-84PRTE	120"	36"	36"	TRIP EDGE	1610	CYLINDER REVERSE 10 FT	\$4,333.00	\$4,333.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1042-84PRTE	120"	42"	42"	TRIP EDGE	1671	CYLINDER REVERSE 10 FT	\$4,429.00	\$4,429.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1136-84PRTE	132"	36"	36"	TRIP EDGE	1690	CYLINDER REVERSE 11 FT	\$4,504.00	\$4,504.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1142-84PRTE	132"	42"	42"	TRIP EDGE	1751	CYLINDER REVERSE 11 FT	\$4,582.00	\$4,582.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1150-84PRTE	132"	50"	50"	TRIP EDGE	1812	CYLINDER REVERSE 11 FT	\$4,675.00	\$4,675.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1236-116PRTE	144"	36"	36"	TRIP EDGE	1965	CYLINDER REVERSE 12 FT	\$4,778.00	\$4,778.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1242-116PRTE	144"	42"	42"	TRIP EDGE	2020	CYLINDER REVERSE 12 FT	\$4,890.00	\$4,890.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1250-116PRTE	144"	50"	50"	TRIP EDGE	2081	CYLINDER REVERSE 12 FT	\$4,998.00	\$4,998.00	Valk Mfg. Contract #4400000509

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VALK MFG CO	RVS1036WR	120"	36"	36"	TENSION SPRING FULL TRIP	2150	WORM REVERSE 10 FT	\$4,961.00	\$4,961.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1042WR	120"	42"	42"	TENSION SPRING FULL TRIP	2200	WORM REVERSE 10 FT	\$4,990.00	\$4,990.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1136WR	132"	36"	36"	TENSION SPRING FULL TRIP	2250	WORM REVERSE 11 FT	\$5,052.00	\$5,052.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1142WR	132"	42"	42"	TENSION SPRING FULL TRIP	2320	WORM REVERSE 11 FT	\$5,129.00	\$5,129.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1150WR	132"	50"	50"	TENSION SPRING FULL TRIP	2380	WORM REVERSE 11 FT	\$5,204.00	\$5,204.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1236WR	144"	36"	36"	TENSION SPRING FULL TRIP	2350	WORM REVERSE 12 FT	\$5,177.00	\$5,177.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1242WR	144"	42"	42"	TENSION SPRING FULL TRIP	2470	WORM REVERSE 12 FT	\$5,270.00	\$5,270.00	Valk Mfg. Contract #4400000509
VALK MFG CO	RVS1250WR	144"	50"	50"	TENSION SPRING FULL TRIP	2500	WORM REVERSE 12 FT	\$5,375.00	\$5,375.00	Valk Mfg. Contract #4400000509

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VALK MFG CO	V610-84	150"	33"	53"	TRIP CYLINDER FULL TRIP	2190	ONE WAY 12 FT 6 IN	\$3,739.00	\$3,739.00	Valk Mfg. Contract #4400000509
VALK MFG CO	V611-84	162"	33"	61"	TRIP CYLINDER FULL TRIP	2415	ONE WAY 13 FT 6 IN	\$4,052.00	\$4,052.00	Valk Mfg. Contract #4400000509
VALK MFG CO	V612-84	174"	33"	63"	TRIP CYLINDER FULL TRIP	2540	ONE WAY 14 FT 6 IN	\$4,444.00	\$4,444.00	Valk Mfg. Contract #4400000509
VALK MFG CO	V610-84 -ECT	150"	33"	53"	EXPOSED SPRING FULL TRIP	2190	ONE WAY 12 FT 6 IN	\$3,724.00	\$3,724.00	Valk Mfg. Contract #4400000509
VALK MFG CO	V611-84-ECT	162"	33"	61"	EXPOSED SPRING FULL TRIP	2460	ONE WAY 13 FT 6 IN	\$4,025.00	\$4,025.00	Valk Mfg. Contract #4400000509
VALK MFG CO	V612-84-ECT	174"	33"	63"	EXPOSED SPRING FULL TRIP	2505	ONE WAY 14 FT 6 IN	\$4,340.00	\$4,340.00	Valk Mfg. Contract #4400000509
VALK MFG CO	PA-712 OLD STYLE	140"	33"	50"	TRIP CYLINDER FULL TRIP	2200	ONE WAY 11 FT 8 IN	\$4,100.00	\$4,100.00	Valk Mfg. Contract #4400000509
VALK MFG CO	PA-721 OLD STYLE	150"	33"	53"	TRIP CYLINDER FULL TRIP	2395	ONE WAY 12 FT 6 IN	\$4,278.00	\$4,278.00	Valk Mfg. Contract #4400000509

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VALK MFG CO	PA-721B OLD STYLE	162"	33"	61"	TRIP CYLINDER FULL TRIP	2550	ONE WAY 13 FT 6 IN	\$4,520.00	\$4,520.00	Valk Mfg. Contract #4400000509
VALK MFG CO	PA-731 OLD STYLE	174"	33"	70"	TRIP CYLINDER FULL TRIP	2791	ONE WAY 14 FT 6 IN	\$4,825.00	\$4,825.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-10PRHD	150"	40"	50"	TRIP CYLINDER FULL TRIP	2470	CYLINDER REVERSE 12 FT 6 IN	\$4,904.00	\$4,904.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-11PRHD	162"	44"	60"	TRIP CYLINDER FULL TRIP	2580	CYLINDER REVERSE 13 FT 6 IN	\$5,090.00	\$5,090.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-12PRHD	174"	44"	64"	TRIP CYLINDER FULL TRIP	2640	CYLINDER REVERSE 14 FT 6 IN	\$5,370.00	\$5,370.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-10WR	150"	40"	50"	TORSION SPRING FULL TRIP	2620	WORM REVERSE 12 FT 6 IN	\$5,701.00	\$5,701.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-11WR	162"	44"	60"	TORSION SPRING FULL TRIP	2700	WORM REVERSE 13 FT 6 IN	\$5,775.00	\$5,775.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-12WR	174"	44"	64"	TORSION SPRING FULL TRIP	2775	WORM REVERSE 14 FT 6 IN	\$5,994.00	\$5,994.00	Valk Mfg. Contract #4400000509

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VALK MFG CO	XW-10PRHD- ECT	150"	40"	50"	EXPOSED SPRING FULL TRIP	2440	CYLINDER REVERSE 12 FT 6 IN	\$4,871.00	\$4,871.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-11PRHD- ECT	162"	44"	60"	EXPOSED SPRING FULL TRIP	2570	CYLINDER REVERSE 13 FT 6 IN	\$5,014.00	\$5,014.00	Valk Mfg. Contract #4400000509
VALK MFG CO	XW-12PRHD- ECT	174"	44"	64"	EXPOSED SPRING FULL TRIP	2690	CYLINDER REVERSE 14 FT 6 IN	\$5,252.00	\$5,252.00	Valk Mfg. Contract #4400000509
VALK MFG CO	VW-9PRHD	113"	24"	40"	EXPOSED EXTENSION SPRING	555	CYLINDER REVERSE 9 FT 5 IN	\$2,872.00	\$2,872.00	Valk Mfg. Contract #4400000509
VALK MFG CO	VW-10PRHD	126"	24"	43"	EXPOSED EXTENSION SPRING	620	CYLINDER REVERSE 10 FT 6 IN	\$3,104.00	\$3,104.00	Valk Mfg. Contract #4400000509
VALK MFG CO	SP-108PRHD	108"	32"	32"	EXPOSED EXTENSION SPRING	760	CYLINDER REVERSE	\$2,911.00	\$2,911.00	Valk Mfg. Contract #4400000509
VALK MFG CO	SP120PRHD	120"	32"	32"	EXPOSED EXTENSION SPRING	824	CYLINDER REVERSE 10 FT	\$2,999.00	\$2,999.00	Valk Mfg. Contract #4400000509
VIKING CIVES (USA)	2654HS9	13' 2"	26"	54"	Slotted	1950	One Way 13 FT 2 IN	\$6,528.00	\$6,528.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VIKING CIVES (USA)	2654HSE9	13' 10"	26"	54"	Slotted	2000	One Way 13 FT 10 IN	\$6,235.00	\$6,235.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	3564HS10	15' 10"	35"	64"	Slotted	2150	One Way 15 FT 10 IN	\$6,712.00	\$6,712.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	3564HS9	13' 8"	35"	64"	Slotted	2090	One Way 13 FT 8 IN	\$6,731.00	\$6,731.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	3564HSE10	15' 10"	35"	64"	Slotted	2210	One Way 15 FT 10 IN	\$7,128.00	\$7,128.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	3564HSE9	14' 4"	35"	64"	Slotted	2150	One Way 14 FT 4 IN	\$6,586.00	\$6,586.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	4572HSE9	14' 4"	45"	72"	Slotted	2300	One Way 14 FT 4 IN	\$7,152.00	\$7,152.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	948 V	9'	48"	72"	None	2175	"V" Plow 9 FT	\$9,635.00	\$9,635.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	VCU2 STAGE ONE WAY	13' 10"	26"	54"	Slotted	2600	One Way 13 FT 10 IN	\$11,995.00	\$11,995.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VIKING CIVES (USA)	VCU2 STAGE REVERSIBLE	12'	42"	42"	Slotted & Hyd.	3000	Reversible 12 FT	\$14,512.00	\$14,512.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	TOW PLOW	26'	34"	34"	Trip Edge	N/A	Trailer Mounted 26 FT	\$67,200.00	\$67,200.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRL1142FE	11'	42"	42"	Full Trip	2315	Reversible 11 FT	\$8,233.00	\$8,233.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRL1148FE	11'	48"	48"	Full Trip	2400	Reversible 11 FT	\$8,128.00	\$8,128.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRL114654FE	11'	Center 40"	48" Ends	Full Trip	2440	Reversible 11 FT	\$9,072.00	\$9,072.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRL114864HS EX	11'	Center 48"	64" Ends	Slotted	2500	Reversible 11 FT	\$9,657.00	\$9,657.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRL124864HS EX	12'	Center 48"	64" Ends	Slotted	2700	Reversible 12 FT	\$9,803.00	\$9,803.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRL1248FE	12'	48"	48"	Full Trip	2465	Reversible 12 FT	\$8,451.00	\$8,451.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VIKING CIVES (USA)	PRR1042HSE	10'	42"	42"	Slotted	2300	Reversible 10 FT	\$8,028.00	\$8,028.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR1042FL	10'	32"	50"	Trip Edge	2200	Reversible Contour Altering 10 FT	\$8,854.00	\$8,854.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR1142FE	11'	42"	42"	Full Trip	2290	Reversible 11 FT	\$8,097.00	\$8,097.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR1142FL	11'	31"	51"	Trip Edge	2300	Reversible Contour Altering 11 FT	\$11,826.00	\$11,826.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR1142HSE	11'	42"	42"	Slotted	2400	Reversible 11 FT	\$8,184.00	\$8,184.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR114654FE	11'	Center 40"	48"	Full Trip	2440	S. Dakota Reversible 11 FT	\$8,936.00	\$8,936.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR114864HS EX	11'	Center 48"	64"	Slotted	2500	S. Dakota Reversible 11 FT	\$9,554.00	\$9,554.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR1148HSE	11'	48"	48"	Slotted	2500	Reversible 11 FT	\$8,316.00	\$8,316.00	Lancaster Truck Contract #4400000512

Snow Plows

CONTRACT REFERENCE SHEETS

MANUFACTURER	MODEL #	OVERALL LENGTH (In Feet & Inches)	NOSE HEIGHT	DISCHARGE	TRIP TYPE	WEIGHT (In Pounds)	DESCRIPTION (Characteristics such as One Way; Reversible; etc)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1)	PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)	CONTRACTOR NAME and CONTRACT NUMBER
VIKING CIVES (USA)	PRR1242FE	12'	42"	42"	Full Trip	2390	Reversible 12 FT	\$8,243.00	\$8,243.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR1242FE	12'	42"	42"	Trip Edge	2490	Reversible 12 FT	\$9,303.00	\$9,303.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRWG1036TE	10'	36"	36"	Trip Edge	2240	Reversible 10 FT	\$9,084.00	\$9,084.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRWG1142TE	11'	42"	42"	Trip Edge	2410	Reversible 11 FT	\$9,447.00	\$9,447.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRWG1242TE	12'	42"	42"	Trip Edge	2490	Reversible 12 FT	\$9,995.00	\$9,995.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRWG1042FE	10'	42"	42"	Full Trip	2365	Reversible 10 FT	\$8,836.00	\$8,836.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRWG1142FE	11'	42"	42"	Full Trip	2411	Reversible 11 FT	\$8,790.00	\$8,790.00	Lancaster Truck Contract #4400000512
VIKING CIVES (USA)	PRR124864HS EX	12'	Center 48"	64" Ends	Slotted	2700	Reversible 12 FT	\$9,812.00	\$9,812.00	Lancaster Truck Contract #4400000512

**FULLY EXECUTED - REPRINT****Contract Number: 4400000507**

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

Your SAP Vendor Number with us: 157371**Supplier Name/Address:**

PA PUBLIC WORKS EQUIP CO

P.O. Box 1006

NEW KINGSTOWN PA 17072-1006 US

Supplier Phone Number: 717-697-8045**Supplier Fax Number:** 717-697-0154**Contract Name:**

SNOW PLOW - HENDERSON

Purchasing Agent**Name:** Woodworth Rich**Phone:** 717-787-4103**Fax:** 717 346-3820**Please Deliver To:**

To be determined at
the time of the Purchase Order
unless specified below.

Payment Terms

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
<hr/>						
2	Freight (IAW Contract)	0.000		0.00	1	0.00
<hr/>						

General Requirements for all Items:**Information:**

Supplier's Signature _____

Printed Name _____

Title _____

Date _____

**FULLY EXECUTED - REPRINT****Contract Number: 4400000507**

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:

PA PUBLIC WORKS EQUIP CO

Header Text

Contractor Point Of Contact Data:

Name: Chester "Tripp" Amick

Phone: 412-257-1160 ext 140

Cell: 412-580-5058

E-Mail Address: trippa@ahquipment.com

Address for ordering purposes:

--- PA Public Works Equipment Company

--- 238 Locust Point Road

--- Building #1, Section B

--- Mechanicsburg, PA 17050

Address for payment of invoices:

--- PA Public Works Equipment Company

--- PO Box 337

--- Bridgeville, PA 15017

This contract does allow forCOSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26

No further information for this Contract

Information:



Page 1 of 2
FULLY EXECUTED - CHANGE 1 - REPRINT
Contract Number: 4400000508
Contract Change Effective Date: 09/20/2007
Valid From: 07/01/2007 To: 06/30/2009

All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

Your SAP Vendor Number with us: 104960

Supplier Name/Address:

TENCO U S A INC
PO BOX 635
LAKEVILLE NY 14480-0635 US

Supplier Phone Number: 5853463040

Supplier Fax Number: 585-346-2982

Contract Name:

Snow Plow - TENCO

Purchasing Agent

Name: Woodworth Rich

Phone: 717-787-4103

Fax: 717 346-3820

Please Deliver To:

To be determined at
the time of the Purchase Order
unless specified below.

Payment Terms

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
2	Freight (IAW Contract)	0.000		0.00	1	0.00

Information:

Supplier's Signature _____

Printed Name _____

Title _____

Date _____

**FULLY EXECUTED - CHANGE 1 - REPRINT****Contract Number: 4400000508**

Contract Change Effective Date: 09/20/2007

Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:

TENCO U S A INC

General Requirements for all Items:**Header Text**

Contractor Point Of Contact Data:

Name: Steven Eaton or Brian Eaton

Phone: 800-808-3626

E-Mail Address:

sleve@tencousa.com

brian@tencousa.com

Address for ordering & payment of invoices purposes:

--- TENCO U.S.A. Inc

--- 5700 Lima Road

--- PO Box 635

--- Lakeville, NY 14480-0635

This contract does allow for COSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26

No further information for this Contract

Information:

**FULLY EXECUTED - CHANGE 1****Contract Number: 4400000509**

Contract Change Effective Date: 09/25/2007

Valid From: 07/01/2007 To: 06/30/2009

All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities**Purchasing Agent**

Name: Woodworth Rich

Phone: 717-787-4103

Fax: 717 346-3820

Your SAP Vendor Number with us: 117798**Supplier Name/Address:**

VALK MANUFACTURING COMPANY

P.O. Box 428

NEW KINGSTOWN PA 17072-0428 US

Please Deliver To:To be determined at
the time of the Purchase Order
unless specified below.

Supplier Phone Number: 7177660711

Supplier Fax Number: 717-697-6297

Contract Name:

Snow Plows - Valk

Payment Terms

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
2	Freight (IAW Contract)	0.000		0.00	1	0.00

Information:

Supplier's Signature _____

Printed Name _____

Title _____

Date _____



FULLY EXECUTED - CHANGE 1
Contract Number: 4400000509
Contract Change Effective Date: 09/25/2007
Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:
VALK MANUFACTURING COMPANY

General Requirements for all Items:

Header Text

Contractor Point Of Contact Data:

Name: Robert P. Lang

Phone: 717-766-0711 ext 149

E-Mail Address: rlang@valkmfg.com

Address for ordering & payment of invoices purposes:

- Valk Manufacturing Company
- PO Box 428
- New Kingstown, PA 17072

This contract does allow for COSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26

No further information for this Contract

Information:



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

Your SAP Vendor Number with us: 144943

Supplier Name/Address:
SOMERSET WELDING & STEEL INC
J&J TRUCK EQUIPMENT
422 RIGGS RD
SOMERSET PA 15501-9350 US

Supplier Phone Number: 814-629-5621

Supplier Fax Number: 814-445-3726

Contract Name:
Snow Plows - Henke

Page 1 of 2
FULLY EXECUTED - CHANGE 2 - REPRINT
Contract Number: 4400000510
Contract Change Effective Date: 09/21/2007
Valid From: 07/01/2007 To: 06/30/2009

Purchasing Agent

Name: Woodworth Rich
Phone: 717-787-4103
Fax: 717 346-3820

Please Deliver To:

To be determined at
the time of the Purchase Order
unless specified below.

Payment Terms
NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
2	Freight (IAW Contract)	0.000		0.00	1	0.00

Information:

Supplier's Signature _____
Printed Name _____

Title _____
Date _____

**FULLY EXECUTED - CHANGE 2 - REPRINT****Contract Number: 4400000510**

Contract Change Effective Date: 09/21/2007

Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:

SOMERSET WELDING & STEEL INC

General Requirements for all Items:**Header Text****Contractor Point Of Contact Data:**

Name: Craig A. Hauger

Phone: 800-262-6578

E-Mail Address: chauger@jjbodies.com

Address for ordering & payment of invoices purposes:--- J & J Truck Equipment (Div of Somerset Welding
& Steel)

--- 422 Riggs Road

--- Somerset, PA 15501

This contract does allow for COSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26:

No further information for this Contract

Information:

**FULLY EXECUTED - CHANGE 1****Contract Number: 4400000511**

Contract Change Effective Date: 09/07/2007

Valid From: 07/01/2007 To: 06/30/2009

All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

Your SAP Vendor Number with us: 118329

Supplier Name/Address:

INDUSTRIAL MOTOR SUPPLY INC

P.O. Box 4128

HARRISBURG PA 17111-0128 US

Supplier Phone Number: 7175640550

Supplier Fax Number: 717-564-3502

Contract Name:

Snow Plows - MONROE

Purchasing Agent

Name: Woodworth Rich

Phone: 717-787-4103

Fax: 717 346-3820

Please Deliver To:To be determined at
the time of the Purchase Order
unless specified below.**Payment Terms**

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
2	Freight (IAW Contract)	0.000		0.00	1	0.00

Information:

Supplier's Signature _____

Printed Name _____

Title _____

Date _____

**FULLY EXECUTED - CHANGE 1****Contract Number: 4400000511**

Contract Change Effective Date: 09/07/2007

Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:

INDUSTRIAL MOTOR SUPPLY INC

General Requirements for all Items:**Header Text**

Contractor Point Of Contact Data:

Name: Mike Nelson and Tom Cunkle

Phone: 717-564-0550

E-Mail Address:

mnelsonjr@imsupplies.com

tcunkle@imsupplies.com

Address for ordering & payment of invoices purposes:

--- Industrial Motor Supply Inc (DBA IMSupplies)

--- 4200 Chambers Hill Road

--- PO Box 4128

--- Harrisburg, PA 17111

This contract does allow for COSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26:

No further information for this Contract

Information:

**FULLY EXECUTED - REPRINT****Contract Number: 4400000512**

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

Your SAP Vendor Number with us: 120949**Purchasing Agent****Name:** Woodworth Rich**Phone:** 717-787-4103**Fax:** 717 346-3820**Supplier Name/Address:**

LANCASTER AUTOMOBILE SPRING CO
DBA LANCASTER TRUCK BODIES
310 RICHARDSON DR
LANCASTER PA 17603-4034 US

Supplier Phone Number: 7173942647**Supplier Fax Number:** 717-299-9540**Contract Name:**

Snow Plows - Bonnell & Viking Cives

Please Deliver To:

To be determined at
the time of the Purchase Order
unless specified below.

Payment Terms

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
<hr/>						
2	Freight (IAW Contract)	0.000		0.00	1	0.00
<hr/>						

General Requirements for all Items:**Information:**

Supplier's Signature _____

Printed Name _____

Title _____

Date _____

**FULLY EXECUTED - REPRINT****Contract Number: 4400000512**

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:

LANCASTER AUTOMOBILE SPRING CO

DBA LANCASTER TRUCK BODIES

Header Text

Contractor Point Of Contact Data:

Name: Vance N. Spicer

Phone: 717-394-2647

E-Mail Address: vspicer@lancastertruckbodies.com

Address for ordering & payment of invoices purposes:

--- Lancaster Truck Bodies

--- PO Box 4626

--- 310 Richardson Dr.

--- Lancaster, PA 17604

This contract does allow for COSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26:

No further information for this Contract

Information:

**FULLY EXECUTED - REPRINT****Contract Number: 4400000513**

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

Your SAP Vendor Number with us: 153639**Supplier Name/Address:**

U S MUNICIPAL SUPPLY INC

P.O. Box 574

HUNTINGDON PA 16652-0574 US

Supplier Phone Number: 8002221980**Supplier Fax Number:** 814-627-3381**Contract Name:**

Snow Plows - Flink

Purchasing Agent**Name:** Woodworth Rich**Phone:** 717-787-4103**Fax:** 717 346-3820**Please Deliver To:**

To be determined at
the time of the Purchase Order
unless specified below.

Payment Terms

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
<hr/>						
2	Freight (IAW Contract)	0.000		0.00	1	0.00
<hr/>						

General Requirements for all Items:**Information:**

Supplier's Signature _____

Printed Name _____

Title _____

Date _____

**FULLY EXECUTED - REPRINT****Contract Number: 4400000513**

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:

U S MUNICIPAL SUPPLY INC

Header Text

Contractor Point Of Contact Data:

Name: Al Adam

Phone: 800-222-1980

E-Mail Address: aba@usmuni.com

Address for ordering purposes:

--- U. S. Municipal Supply, Inc

--- 10583 Raystown Road

--- Huntingdon, PA 16652

Address for payment of invoices

--- U. S. Municipal Supply, Inc

--- P O Box 574

--- Huntingdon, PA 16652

This contract does allow for COSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26:

No further information for this Contract

Information:

**FULLY EXECUTED - REPRINT****Contract Number: 4400000514**

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

Your SAP Vendor Number with us: 146096**Purchasing Agent****Name:** Woodworth Rich**Phone:** 717-787-4103**Fax:** 717 346-3820**Supplier Name/Address:**

WALSH EQUIPMENT INC

P.O. Box 430

BUTLER PA 16003-0430 US

Supplier Phone Number: 7248659221**Supplier Fax Number:** 724-865-9817**Contract Name:**

Snow Plows - Schmidt / Wausau

Please Deliver To:

To be determined at
the time of the Purchase Order
unless specified below.

Payment Terms

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents
attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
1	Snow Plow	0.000		0.00	1	0.00
<hr/>						
2	Freight (IAW Contract)	0.000		0.00	1	0.00
<hr/>						

General Requirements for all Items:**Information:**

Supplier's Signature _____

Printed Name _____

Title _____

Date _____



FULLY EXECUTED - REPRINT

Contract Number: 4400000514

Contract Effective Date: 08/21/2007

Valid From: 07/01/2007 To: 06/30/2009

Supplier Name:

WALSH EQUIPMENT INC

Header Text

Contractor Point Of Contact Data:

Name: Michael E. Walsh

Phone: 724-865-9221

E-Mail Address: mike.walsh@walshequipmentinc.com

Address for ordering & payment of invoices purposes:

--- Walsh Equipment Inc

--- 796 Unionville Road

--- Prospect, PA 16052

This contract does allow for COSTARS / Piggybacking

IN REGARDS TO:

Exclusion for Agencies Using Federal Assistance Monies (SEE BID DOCUMENT) -

This Contractor Does Not meet Federal Disadvantaged Business Enterprise ("DBE") participation requirements as defined in federal law and in regulations set forth in 49 C.F.R. Part 26:

No further information for this Contract

Information:

ATTACHMENT #1

Contract 2540-02

Page #1 of 1

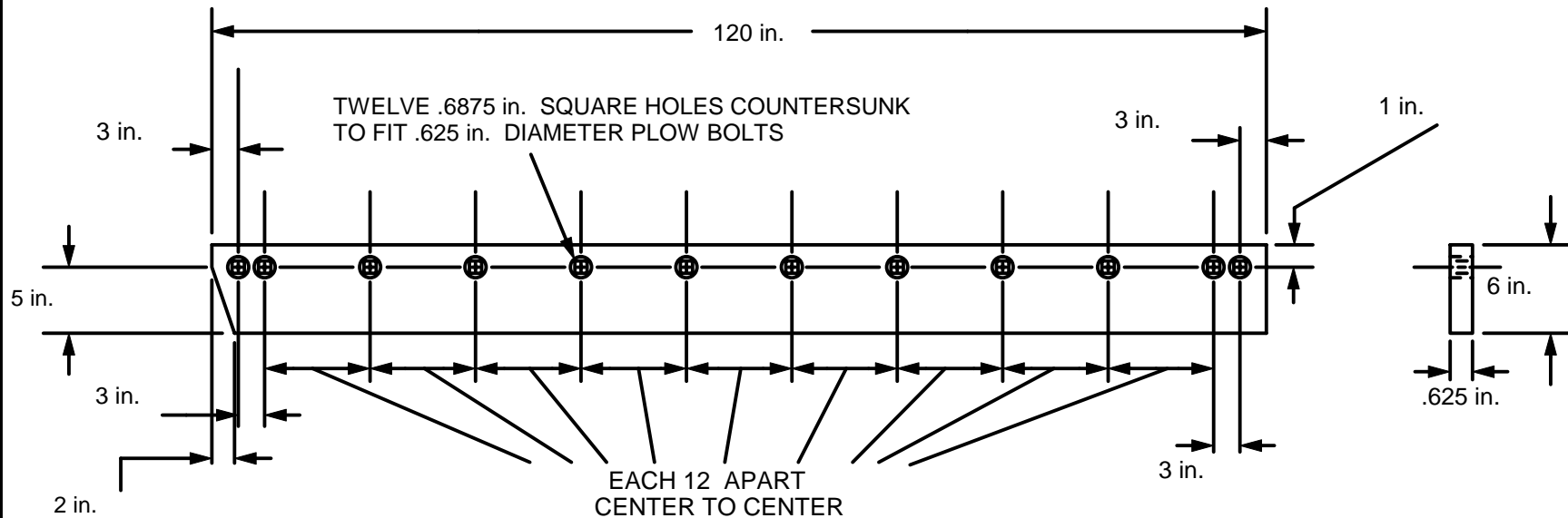
INTENT: Multiple award contract to purchase Snow Plows.

The following additional items shall be supplied with each PennDOT Spec'd plow:

1. Plow hitch to be compatible with agency plow frame. Reference EQN-34 and EQN-50.
2. Paint shall be PennDOT yellow. Reference: Dupont 68080 for shade only.
3. Carbide cutting edge. Reference: EQN-37.
4. Snow deflector mounted to the top edge of moldboard. Reference: EQN-37B.
5. Two blade guides. Reference part no. Buyers B2036 or Signs and Safety Equipment SPT-36.
6. Plow to hitch swivel, type shall depend on type of plow delivered. Reference: EQN-39 and EQN-43.
7. Each plow shall be provided with manufacturers standard adjustable plow shoes.
8. A cadmium plated lift chain shall be supplied, .438in/1.113cm size and 10 ft/3.048m to 13ft/3.9624m long as required for the various types of plows supplied.
9. A lifting bail shall be supplied to handle the plow in a balanced manner when unloading or moving.
10. Two moldboard shoes per plow.

The following additional items as needed apply to worm/cylinder drive reversible and South Dakota PennDOT spec'd plows only.

1. Four (4) foot long hydraulic hoses, hydraulic quick couplers, 1 male and 1 female, Aeroquip 5100 series.
2. Angling cylinders shall be double acting with a cushion valve (cross port relief) to protect the cylinders and a counter-balance valve 3/8" SAE port. Reference Gresen LOAD6.



COMMODITY CODE 3830-2500-0500

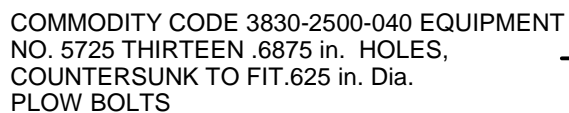
NOTES:

1. ALL DIMENSIONS IN INCHES.
2. MATERIAL: CARBON STEEL AISI 1080-1085
BRINELL HARDNESS 250-325*

EACH BLADE SECTION SHALL BE PUNCHED WITH THE DATE OF MANUFACTURE AND THE MANUFACTURER'S NAME.

* STEEL SPECIFICATION

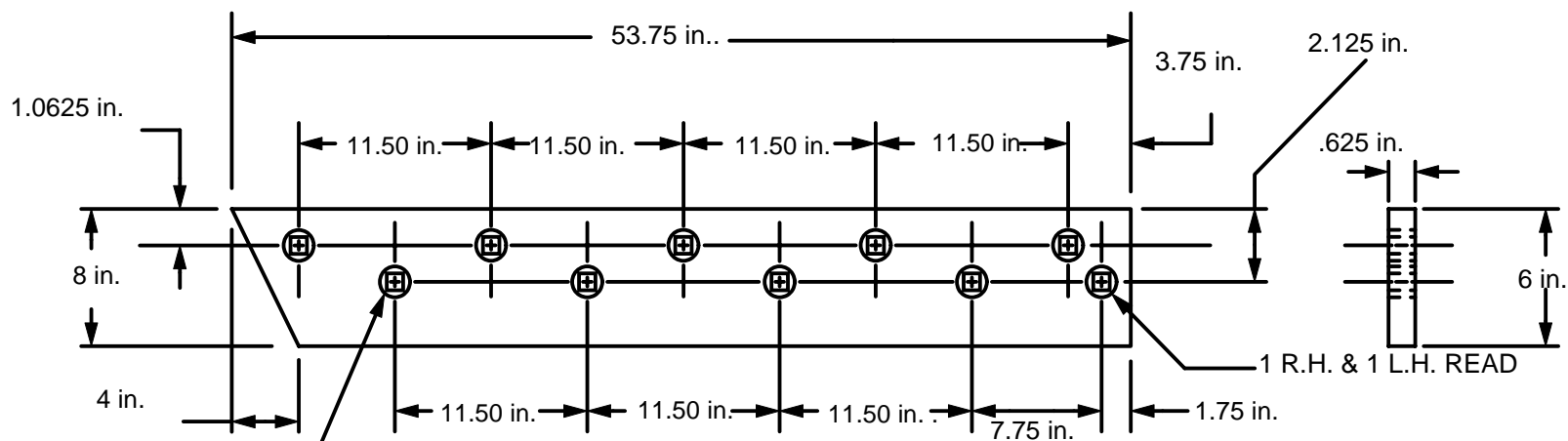
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	STEEL CUTTING EDGES FOR SNOW PLOWS		
1	07-19-94	GL			
2	02-06-96	SWW			
3	05-13-98	DLW	DRAWN BY DLW	SCALE N / A	MATERIAL
4	05-16-02	DWG	CHK'D WHM	DATE 02 / 06 / 96	DRW NO. EQN-16A
5	09-07-06	CJW			SHEET 1 OF 3



1. ALL DIMENSIONS IN INCHES.
2. MATERIAL: CARBON STEEL AISI 1080-1085
BRINELL HARDNESS 250-325*

EACH BLADE SECTION SHALL BE PUNCHED
WITH THE DATE OF MANUFACTURE AND
THE MANUFACTURER'S NAME.

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION				
NO.	DATE	BY	STEEL CUTTING EDGES FOR SNOW PLOWS				
1	07-19-94	GL					
2	02-06-96	SWW					
3	05-13-98	DLW	DRAWN BY	DLW	SCALE	N / A	MATERIAL
4	05-16-02	DWG	CHK'D	WHM	DATE	05 / 13 / 98	DRW NO.
5	09-11-06	CJW					EQN-16A SHEET 2 OF 3



TEN .6875 in. SQUARE
HOLES, COUNTERSUNK TO FIT
.625 in. Diameter
PLOW BOLTS

COMMODITY CODE 3830-2500-070
(EQUIPMEN NUMBER 5712)

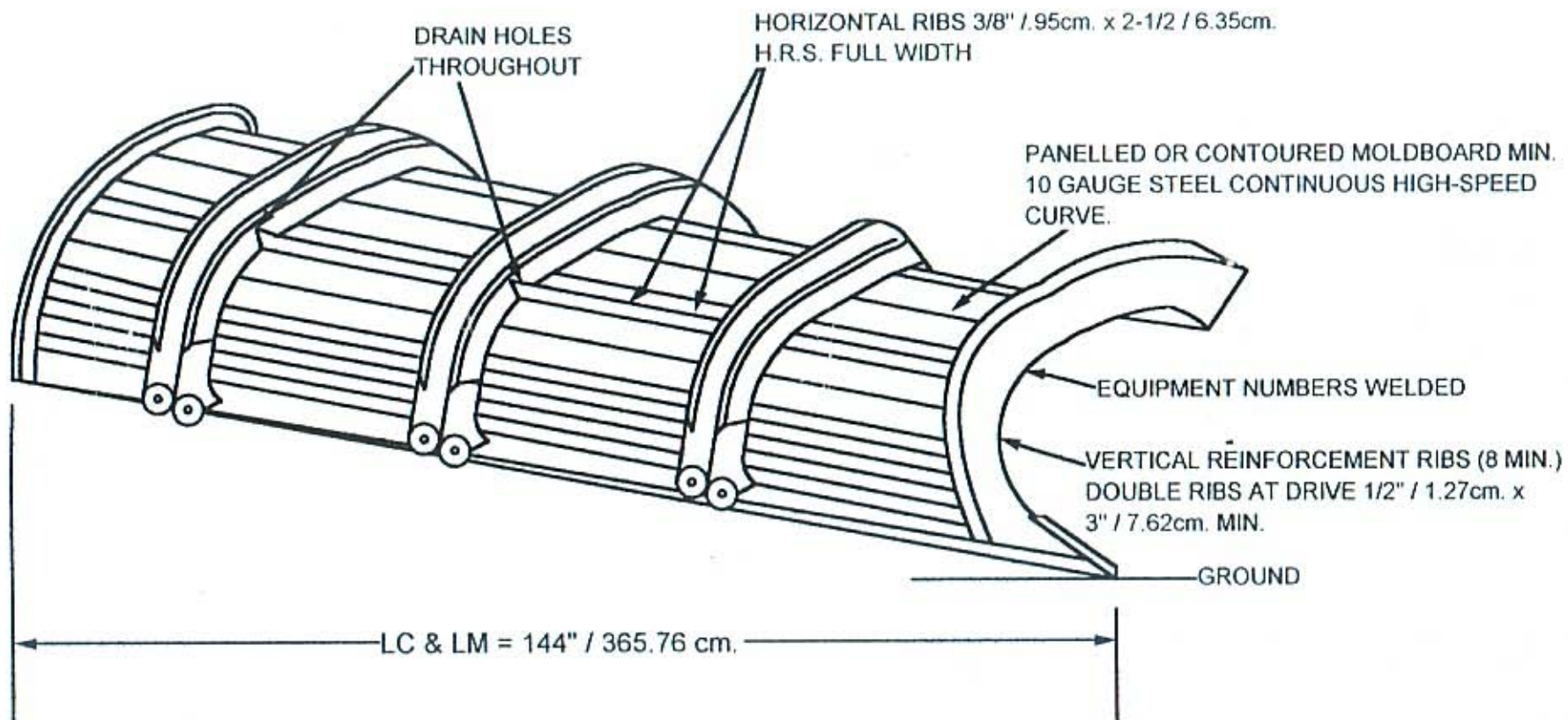
NOTES:

1. ALL DIMENSIONS IN INCHES
2. MATERIAL: CARBON STEEL AISI 1080-1085
BRINELL HARDNESS 250-325*

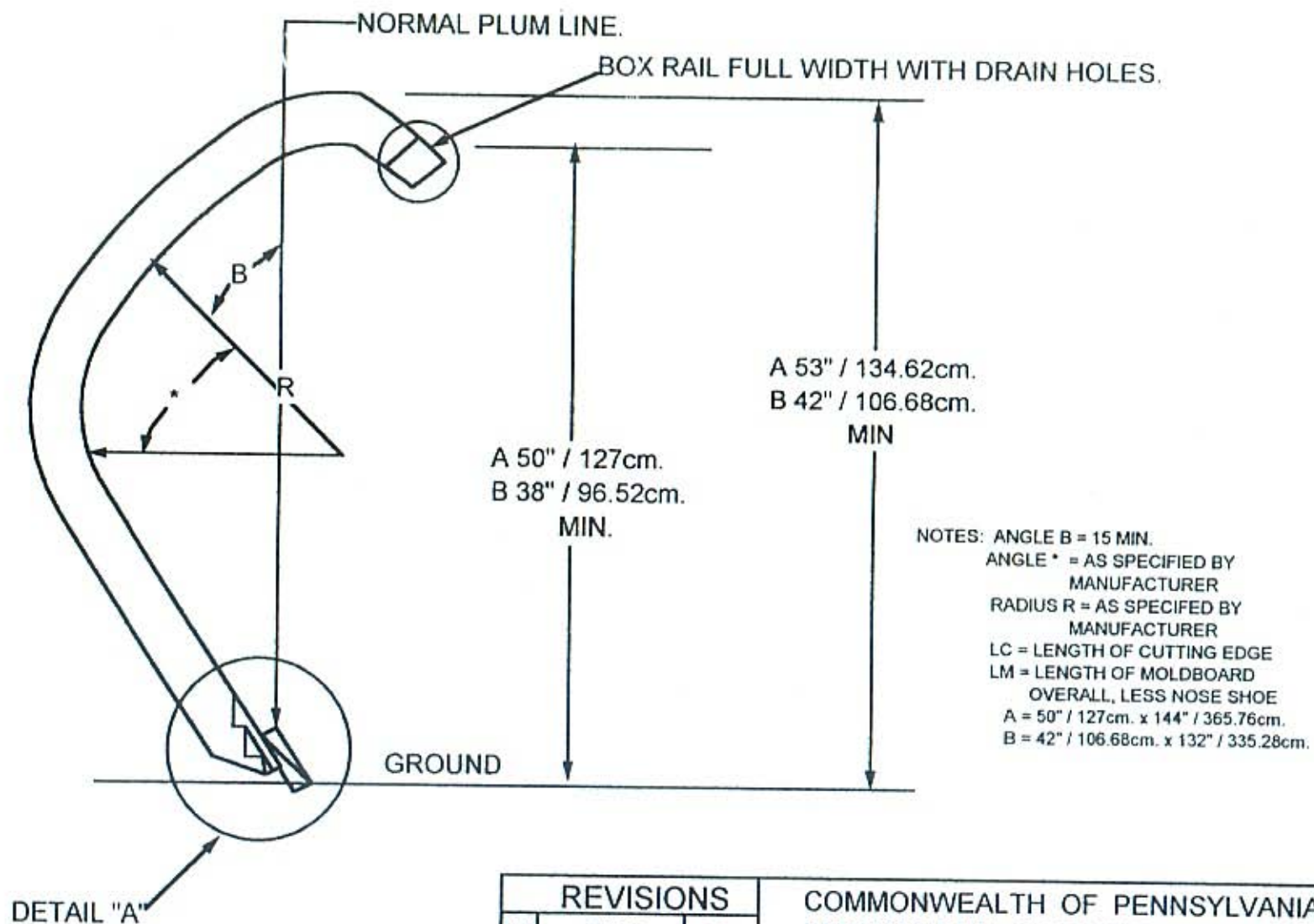
EACH BLADE SECTION SHALL BE PUNCHED
WITH THE DATE OF MANUFACTURE AND
THE MANUFACTURER'S NAME.

*STEEL SPECIFICATION

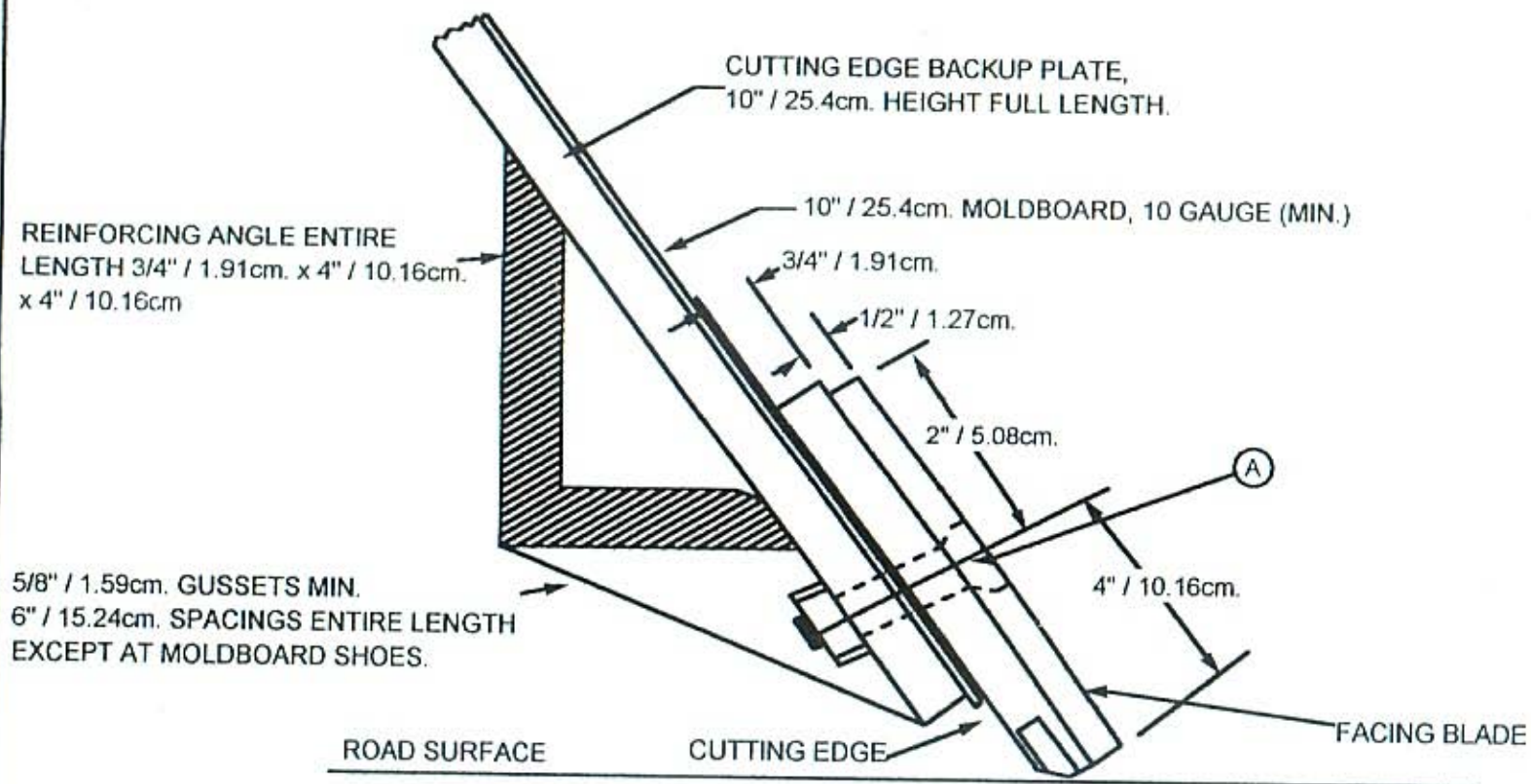
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION				
NO.	DATE	BY	STEEL CUTTING EDGES FOR SNOW PLOWS				
1	07-19-94	GL					
2	02-06-96	SWW					
3	05-13-98	DLW	DRAWN BY	DLW	SCALE	N / A	MATERIAL
4	05-13-98	DWG	CHK'D	WHM	DATE	05 / 13 / 98	DRW NO. EQN-16A
5	09-11-06	CJW					SHEET 3 OF 3



REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW 50" / 127cm. x 144" / 365.76cm. 42" / 106.68cm. x 132" / 335.28cm.		
1	04/05/96	SWW	DRAWN BY SWW	SCALE N / A	MATERIAL
2	03/01/99	SWW			
3			CHKD RED	DATE 04 / 05 / 96	DRW NO. EQN-34 SHEET 1 OF 15
4					
5					

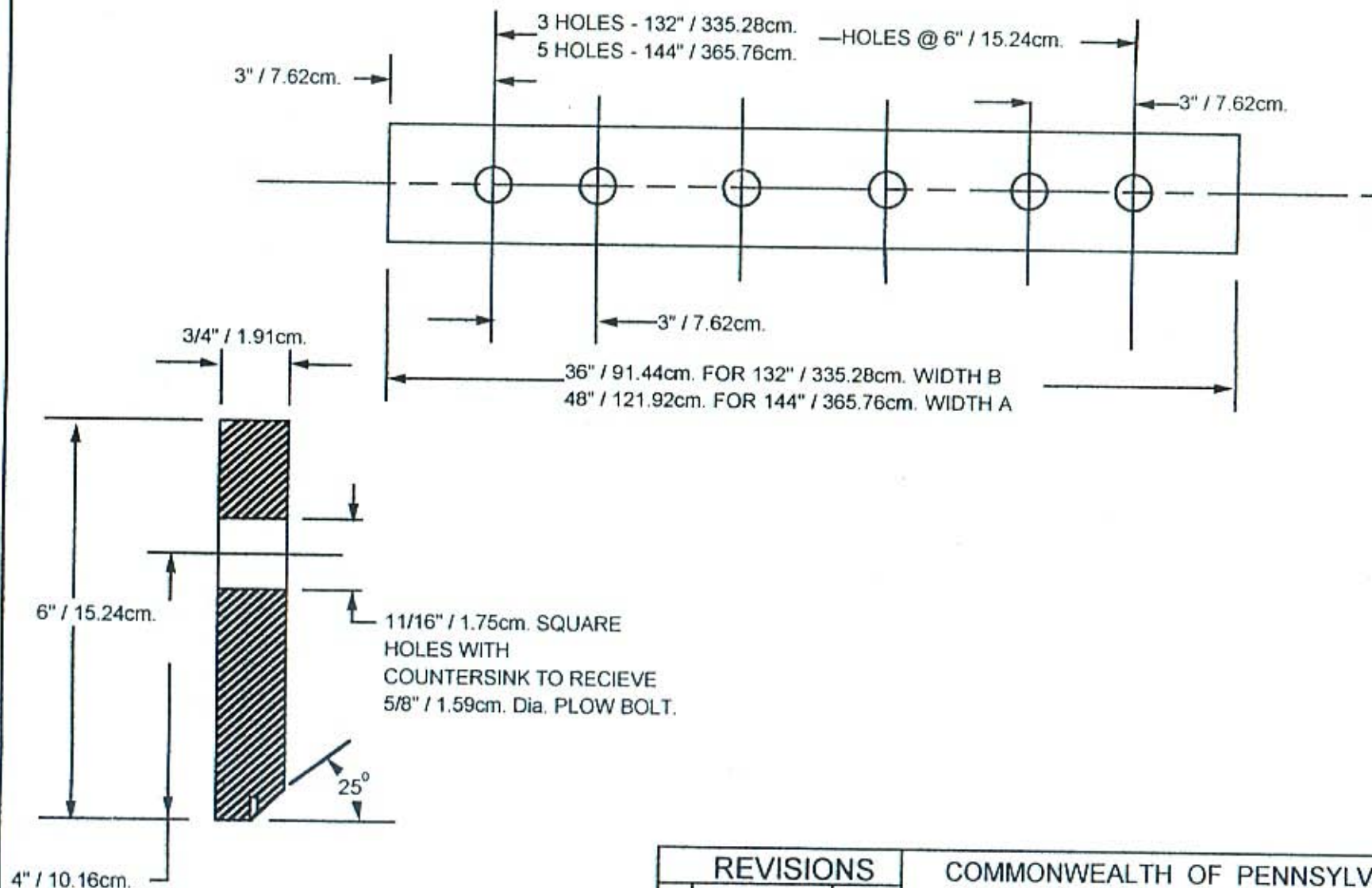


REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW A 50" / 127cm. x 144" / 365.76cm. B 42" / 106.68 x 132" / 335.28cm.		
1	04/05/96	SWW	DRAWN BY	SCALE	MATERIAL
2	03/01/99	DJA			
3			CHK'D	DATE	DRW NO.
4					
5					
				04 / 05 / 96	EQN-34 SHEET 2 OF 15



- (A) FLAT COUNTERSUNK GRADE 8 MINIMUM PLOW BOLT WITH SELF LOCKING ELASTIC GRADE 8 CENTER NUT, DIA. 5/8" / 1.59cm. BY APPROPRIATE LENGTH TO INSURE FULL USE OF THE NUT PLUS 1/4" / .64cm. OVERTHREAD BOLT HOLES SHALL BE SPACED TO CONTINUE WITH AASHO PUNCHINGS OF THE CUTTING EDGE. SPECIAL NOTE: BOTH BLADES MUST BE 6" / 15.24cm. BLADES.

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY			
1	04/05/96	SWW	REVERSIBLE PLOW A 50" / 127cm. x 144" / 365.76cm. B 42" / 106.68cm. x 132" / 335.28cm.		
2	03/01/99	DJA			
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					DRW NO. EQN-34 SHEET 3 OF 15



REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW		
1	04/05/96	SWW	A 50" / 127cm. x 144" / 365.76cm.		
2	03/01/99	DJA	B 42" / 106.68cm. x 132" / 335.28cm.		
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					DRW NO. EQN-34
					SHEET 4 OF 15

NOTE:

THE SUCCESSFUL VENDOR MUST PROVIDE WRITTEN CERTIFICATION THAT THE BLADES MEET OR EXCEED THIS CRITERIA.

B - 132" / 335.28cm. AND - A - 144" / 365.76cm. BLADE ASSEMBLY

- CUTTING EDGE BOLT HOLES SPACED TO COINCIDE WITH STANDARD BOLT HOLE (AASHO) PUNCHING.
- LOCATION AND SPACING OF HOLES SHALL BE AS INDICATED(TOLERANCE OFF CENTER OFF CENTER LINE SHALL BE +/- 1/32" / .08cm.)
- CUTTING EDGE SHALL BE FLAT HOT-ROLLED FINISHED STEEL SAE 1020-1040.
- TUNGSTEN BRAZING MATERIAL SHEAR STRENGTH SHALL BE 30,000 psi MIN, ALL SIDES BRAZED.
- SPACE BETWEEN TUNGSTEN INSERTS SHALL BE 1/100" / .03cm.
- CUTTING EDGE WARPAGE AND LONGITUDINAL DEVIATION SHALL NOT EXCEED 1/8" / .32cm. PER 4" / 10.16cm. LENGTH.

CARBIDE CUTTING EDGE INSERTS

SHAPE TRAPEZOIDAL. DIMENSIONS AS LISTED

HEIGHT 3/5" / 1.52cm. +/- 1/200" / .01cm.
THICKNESS 1/5" / .51cm. +/- 1/100" / .03cm.
LENGTH 1" / 2.54 cm. NORMAL

CHEMICAL AND PHYSICAL PROPERTIES AS LISTED.

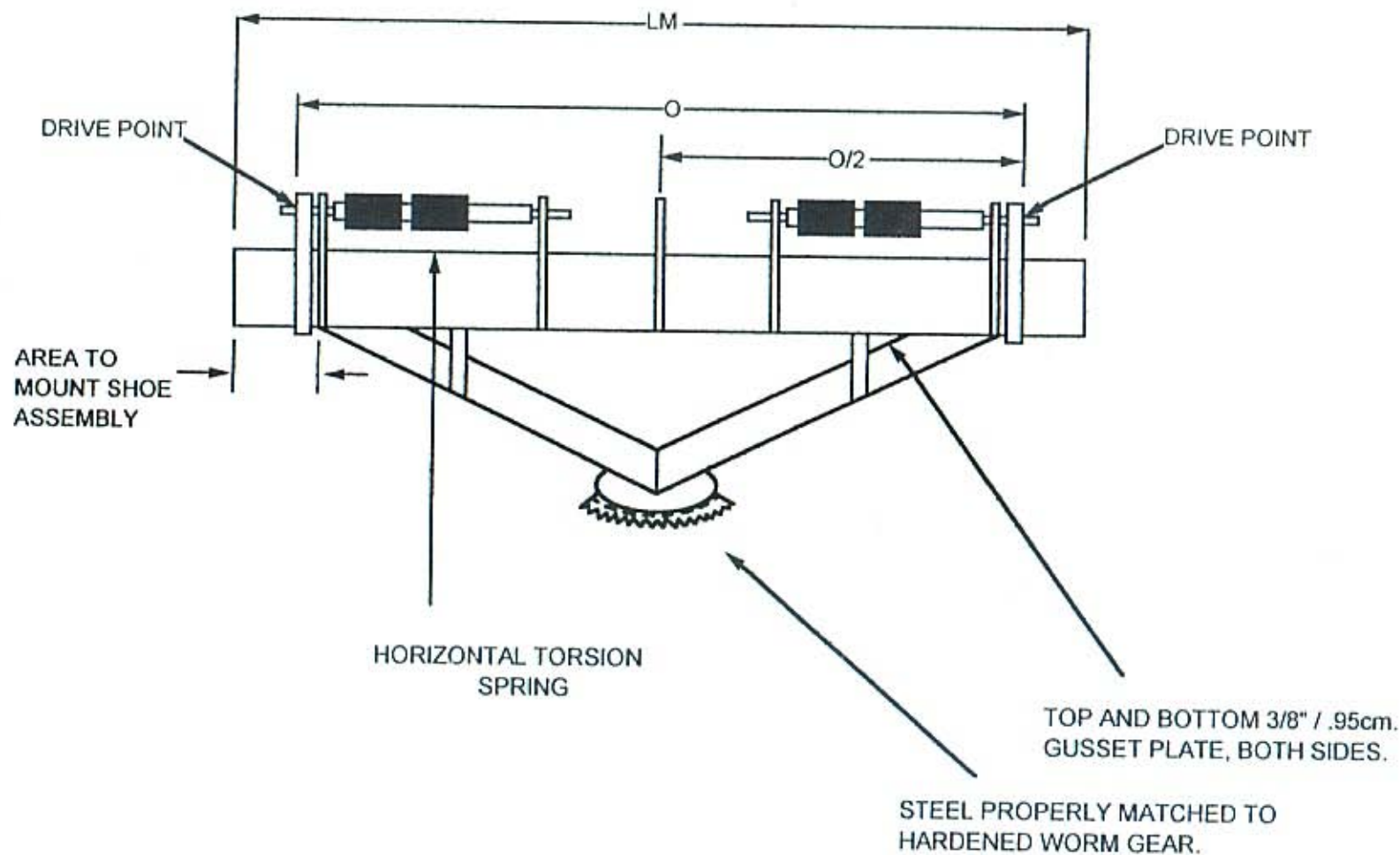
COBALT (%) 12.5-13
SPECIFIC GRAVITY 14.1-14.6
ROCKWELL 'A'
HARDNESS 87.5 - 89
TRANSVERSE
RUPTURED STRENGTH (p.s.i.) 350,000

HEIGHT .635" / 1.52cm. +/- 1/200" / .01cm.
THICKNESS .365" / .51cm. +/- 1/100" / .03cm.
LENGTH 1" / 2.54cm. NOMINAL

COBALT (%) 12.5-13.0
SPECIFIC GRAVITY 14.1 - 14.6
ROCKWELL 'A'
HARDNESS 87.5 - 89
TRANSVERSE
RUPTURED STRENGTH (p.s.i.) 350,000

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW A-50"/127cm. x 144"/365.76cm. B-42"/106.68cm. x 132"/335.28cm.		
1	04/05/96	SWW	DRAWN BY	SCALE	MATERIAL
2	03/02/99	DJA			
3			CHK'D	DATE	DRW NO.
4					
5					
			SHEET 5 OF 15		

MIN. 3" / 7.62cm. x 3" / 7.62cm. x
1/2" / 1.27cm. REINFORCING ANGLE.



REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW		
1	04/05/96	SWW	A-50" / 127cm. x 144" / 365.76cm.		
2	03/02/99	DJA	B-42" / 106.68cm. x 132" / 335.28cm.		
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					DRW NO. EQN-34
			SHEET 6 OF 15		

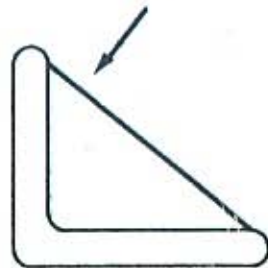
NOTE:

1. DRIVE FRAME SHALL BE ATTACHED TO MOLDBOARD BY MEANS OF A - 325 STRUCTURAL BOLTS WITH WASHERS AND NUTS TORQUED TO 200lbs. / 90.72kg., OR TAPERED DRIVE PINS WITH COTTER PINS.
2. DRIVE FRAME CONNECTING HINGES SHALL BE CAST OR FABRICATED.
3. DRIVE FRAME CONNECTING HINGES SHALL BE DESIGNED SO THAT NO SHERAING OF CONNECTING PINS IS POSSIBLE.
4. DRIVE FRAME SHALL BE REINFORCED WITH A MINIMUM OF 2" / 5.08cm x 2" / 5.08cm. x 1/4" / .64cm. @ 5.73 #/ft. SQUARE TUBE OR RECTANGULAR REINFORCING TUBES WITH PLATES AT THE CORNER STRESS POINTS, OR APPROVED EQUAL.
5. TRIP SPRING MECHANISM SHALL BE HORIZONTAL TORSION TYPE. SPRING SHALL BE PROPERLY MOUNTED TO DRIVE FRAME.
6. REVERSING MECHANISM SHALL BE WORM-GEAR TYPE INFINITELY VARIABLE, MACHINE TYPE, OR FABRICATED.
7. WORM - GEAR ASSEMBLY SHALL BE ADJUSTABLE TO PROPERLY MATCH THE TURNING MECHANISM AND TO ALLOW FOR CORRECT TOOTH CLEARANCE AND FULL POWER SWING.
8. BOLT ON STEEL RACK WITH A MIN. OF 6-3/4" / 17.15cm. BOLTS.

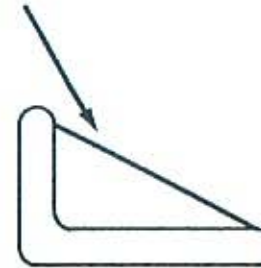
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW A - 50" / 127cm. x 144" / 365.76cm. B - 42" / 106.8cm. x 132" / 335.28cm.		
1	04/05/96	SWW			
2	03/03/99	DJA			
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					DRW NO. EQN-34
					SHEET 7 OF 15

1/2" / 1.27cm. GUSSETS SHALL
CLEAR TORSION SPRINGS

1/2" / GUSSETS @ 8" / 20.32cm. SPACINGS



OR

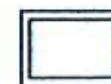
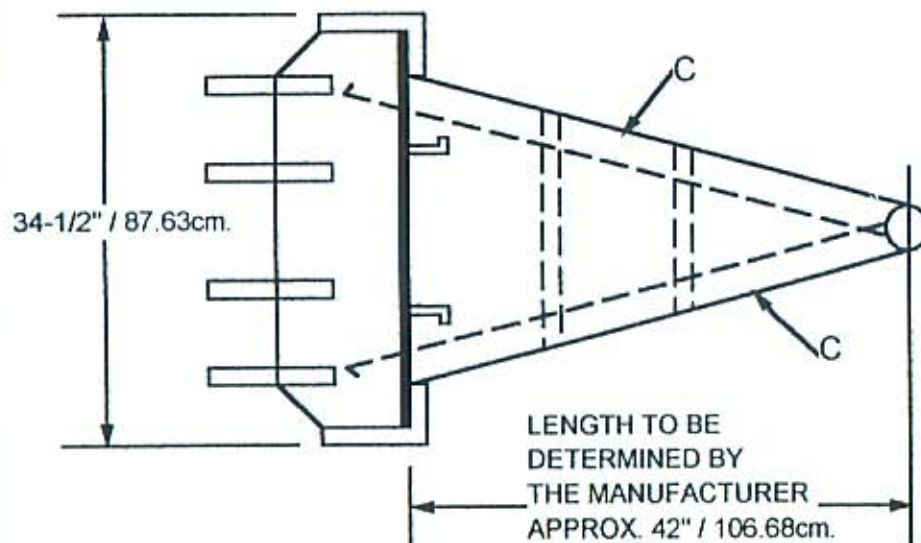


6" / 15.24cm. x 6" / 15.24cm. x 1/2" / 1.27cm.

6" / 15.24cm. x 4" / 10.16cm. x 1/2" / 1.27cm.

DRIVE TRAIN DETAIL

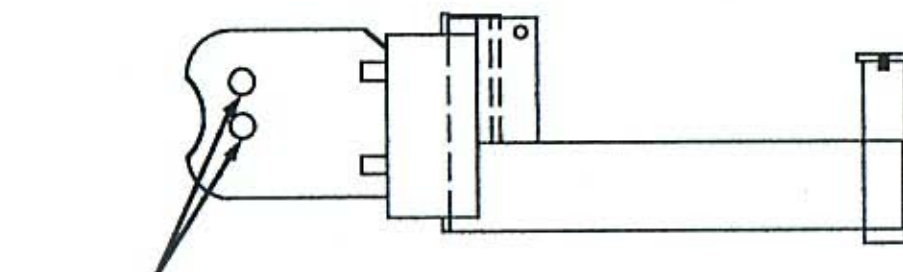
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW		
1	04/05/96	SWW	A - 50" / 127cm. x 144" / 365.76cm.		
2	03/03/99	DJA	B - 42" / 106.68cm. x 132" / 132" / 335.28CM		
3			DRAWN BY	SCALE	MATERIAL
			SWW	N / A	
4			CHK'D	DATE	DRW NO.
			RED	04 / 05 / 96	EQN-34
5					SHEET 8 OF 15



MIN. 5" / 12.7cm. x 3" / 7.62cm. x
3/8" / .95cm. @ 16.84 #/ft.

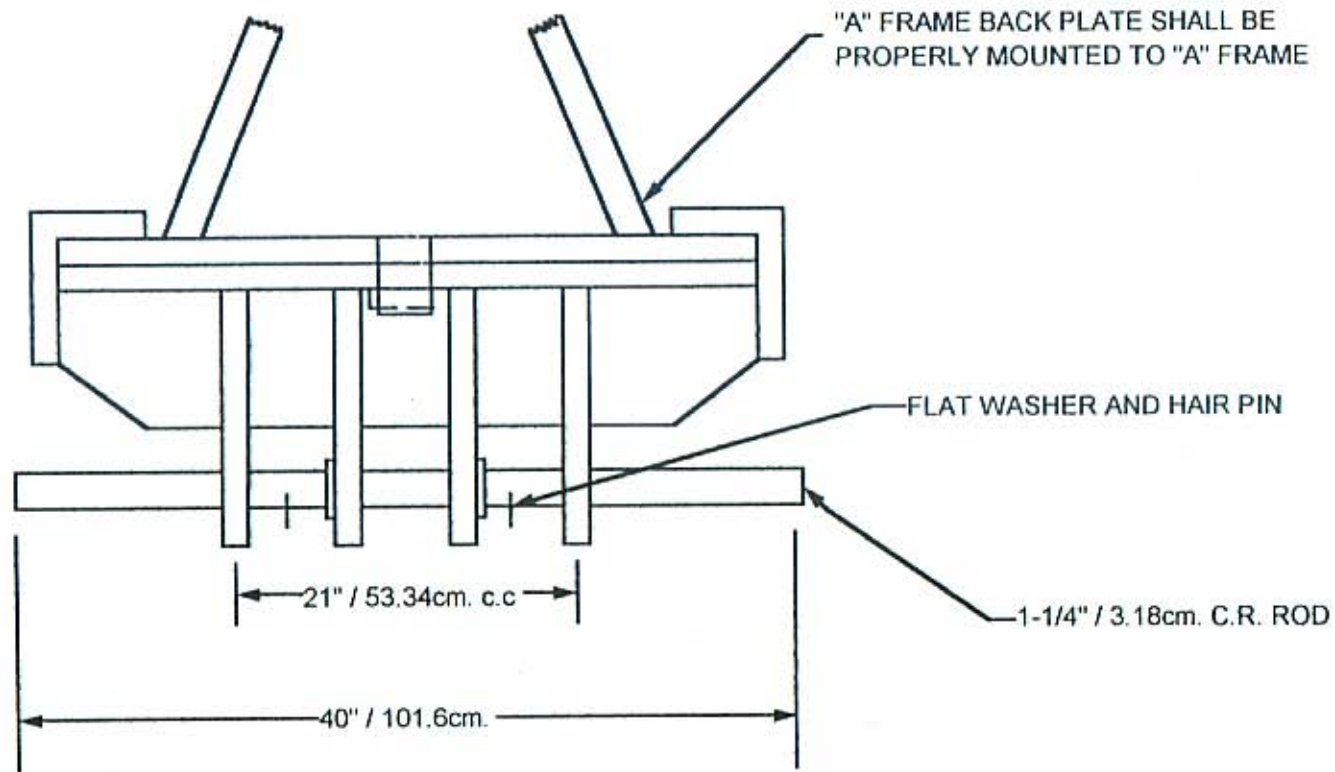


MIN. 6" / 15.24cm. x 2-1/2" / 6.35cm. x
7/16" / 1.11cm. @ 12 #/ft. SHIP AND
CAR CHANNEL



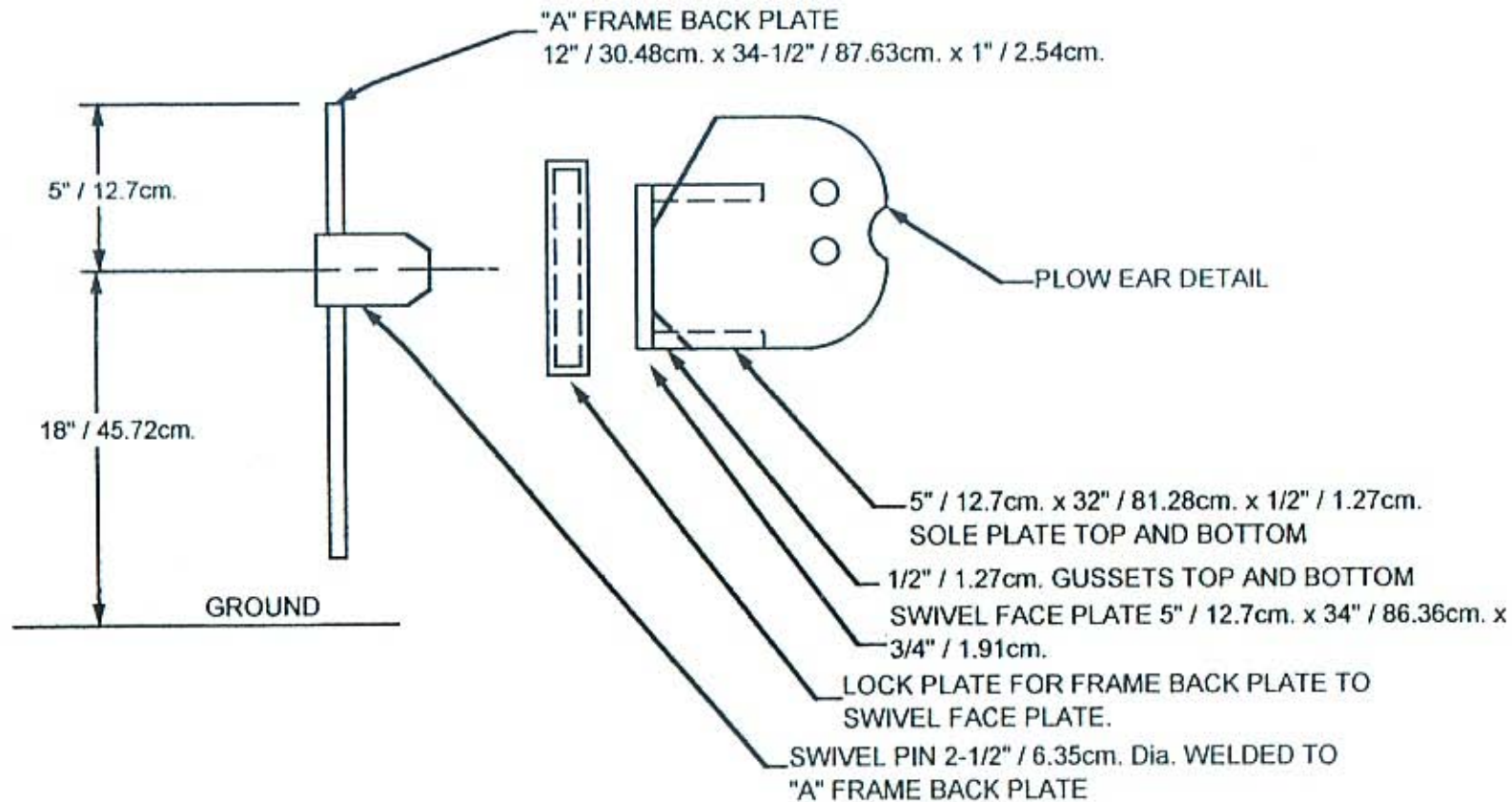
HOLES SHALL BE
LINED BORED OR JIGGED
TO ENSURE ALIGNMENT.

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW		
1	04/05/96	SWW	A - 50" / 127cm. x 144" / 365.76cm.		
2	03/03/99	DJA	B - 42" / 106.68cm. x 132" / 335.28cm.		
3			DRAWN BY	SCALE	MATERIAL
			SWW	N / A	
4			CHKD	DATE	DRW NO.
			RED	04 / 05 / 96	EQN-34
5					SHEET 9 OF 15

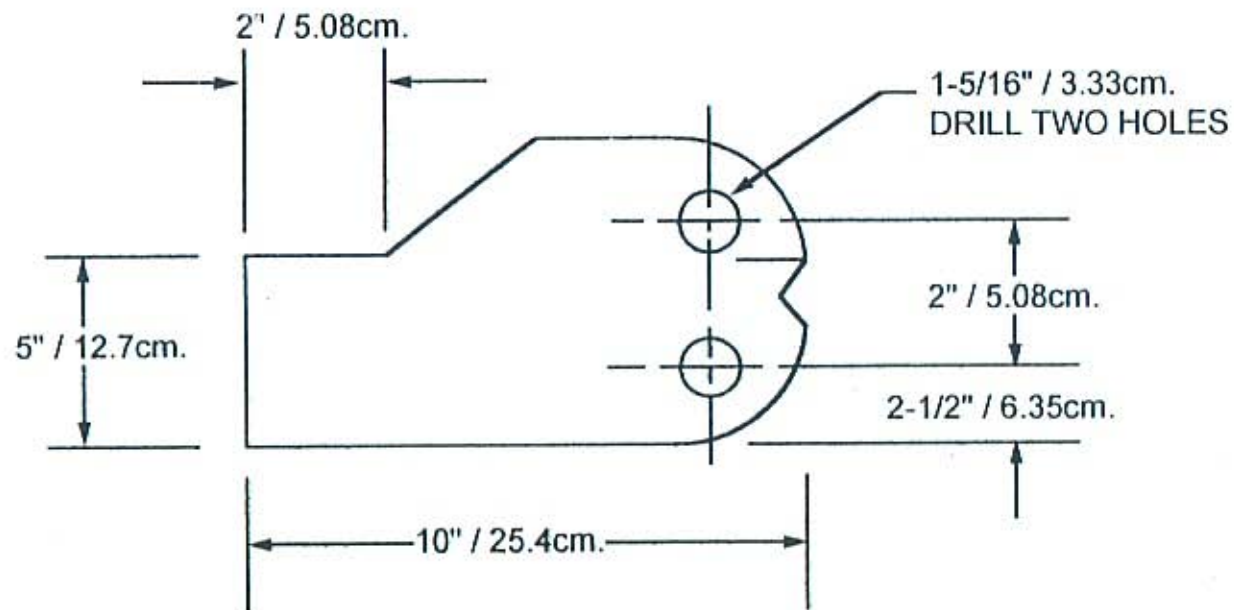


REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO	DATE	BY	REVERSIBLE PLOW A - 50" / 127cm. x 144" / 365.76cm. B - 42" / 106.68cm. x 132" / 335.28cm.		
1	04/05/96	SWW			
2	03/03/99	DJA			
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					
			MATERIAL		
			DRW NO. EQN-34		
			SHEET 10 OF 15		

NOTE:
ANY DEVIATIONS TO THESE DIMENSIONS
SHALL BE DISCUSSED AT THE PRE-BUILD
MEETING.



REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO	DATE	BY	REVERSIBLE PLOW A- 50" / 127cm. x 144" / 365.76cm. B- 42" / 106.68cm. x 132" / 335.28cm.		
1	04/05/96	SWW			
2	03/03/99	DJA			
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					MATERIAL
					DRW NO. EQN-34
					SHEET 11 OF 15



PLOW EAR

DETAIL

NOTE: 1" / 2.54cm. PLATE STEEL

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW A-50' / 127cm. x 144' / 365.76cm B-42' / 106.68cm. x 132' / 335.28cm.		
1	04/05/96	SWW			
2	03/03/99	DJA			
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					
			MATERIAL		
			DRW NO. EQN-34		
			SHEET 12 OF 15		

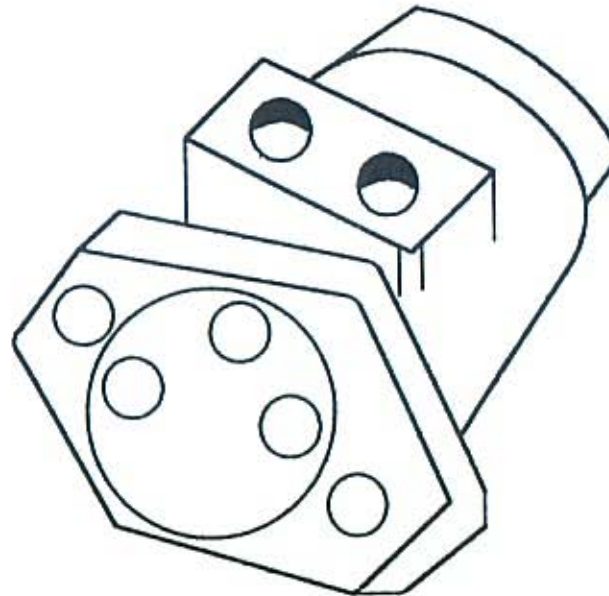
NOTE:

1. THE PLOW FABRICATION AND ASSEMBLY SHALL CONFORM TO THE LATEST ENGINEERING TECHNIQUES AND SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE FOLLOWING:
 AMERICAN STANDARD LIMITS AND FITS
 BRITISH STANDARD FITS AND LIMITS
 AMERICAN SOCIETY OF TESTING MATERIALS
 SOCIETY OF AUTOMOTIVE ENGINEERING
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION
 STEEL STRUCTURE PAINTING COUNCIL
 AMERICAN WELDING SOCIETY D2-0-69 SUB SECTION 303 (FIT AND ASSEMBLY)
 AMERICAN WELDING SOCIETY D2-0-69 SECTION 3 (WELDING WORKMANSHIP AND QUALITY)
2. ALL WELDING SHALL BE ACCOMPLISHED BY ONE OR A COMBINATION OF THE FOLLOWING PROCESSES: GAS METAL ARC, FLUX CORED ARC AND / OR SUBMERGED ARC WELDING PROCEDURES.
3. BEFORE WELDING, ALL COMPONENTS MUST BE POSITIONED ON PRECISION ENGINEERED MECHANICAL POSITIONERS (JIG) IN ORDER TO ASSURE THE BEST POSSIBLE FIT.
4. ALL STEEL UNLESS OTHERWISE SPECIFIED SHALL BE HOT ROLLED STEEL (HRS) ASTM-A-36.
5. THE TWO (2) MOLDBOARD SHOES, SHALL BE PARALLEL TO ROAD SURFACE.
6. ACCESSORIES SUCH AS THE LIFT CHAIN, (7/16" 1.11cm. CADMIUM PLATED), BRACKET FOR ATTACHING LIFTING DEVICES, 48" / 121.92cm. LONG HYDRAULIC HOSES, HYDRAULIC QUICK COUPLERS, 1 MALE, 1 FEMALE (AEROQUIP 5100 SERIES), TO ACCOMODATE THE DEPARTMENT TRUCKS. ALL RELATED ITEMS NECESSARY TO EQUIP THESE PLOWS ON THE DEPARTMENT TRUCKS SHALL BE FURNISHED AND INSTALLED.
7. PLOWS SHALL HAVE HORIZONTAL TORSION TRIP ASSEMBLIES WHICH SHALL PERMIT THE MOLDBOARD TO TRIP, PASS OVER AN OBSTRUCTION AND INSTANTLY RETURN TO PLOWING POSITION.

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO	DATE	BY	REVERSIBLE PLOW A-50" / 127cm. x 144" / 365.76cm. B-42" / 106.68cm. x 132" / 335.28cm.		
1	04-05-96	SWW			
2	03-03-99	DJA			
3			DRAWN BY	SWW	SCALE N/A
4			CHK'D	RED	DATE 04 / 05 / 96
5					
					MATERIAL
					DRW NO. EQN - 34
					SHEET 13 OF 15

8. THE TRIP SPRINGS SHALL BE ADJUSTABLE RELATIVE TO TRIPPING ACTION.
9. THE MANUFACTURER SHALL PROVIDE A METAL TEMPLATE OF THE MOLDBOARD RADIUS INCLUDING THE CUTTING EDGE CUT OUT. THE BASE SHALL BE PARALLEL TO THE DECK SURFACE.
10. THERE SHALL BE A MECHANICAL LIMIT DEVICE TO STOP THE MOLDBOARD FROM OVERTIPPING BEYOND THE NORMAL SPRING TRIPPING ACTION OR IN THE EVENT OF THE MAIN TORSION SPRING BREAKING. A CABLE SYSTEM IS RECOMMENDED.
11. REPLACEABLE STEEL NOSE SHOE OR RUNNER OR 3/4" / 1.91cm. *HRS STEEL VERTICALLY AND 3/4" / 1.91cm. HIGH CARBON STEEL HORIZONTALLY SHALL BE PROVIDED ON BOTH SIDES OF CUTTING EDGE FOR GUIDING PLOW OVER OBSTRUCTIONS. REF: (BUMPER GUARDS)

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO	DATE	BY	REVERISBLE PLOW A-50" / 127"cm. x 144" / 365.76cm. B-42" / 106.68cm. x 132" / 335.28cm.		
1	04-05-96	SWW			
2	03-03-99	DJA			
3			DRAWN BY	SWW	SCALE N/A
4			CHKD	RED	DATE 04 / 05 / 96
5					
			DRAW NO.		EQN - 34
					SHEET 14 OF 15



TWO HOLE FLANGE

THE BOLT HOLES ON THIS FLANGE ARE NOT TAPPED AND WILL ACCEPT A 1/2" / 1.27cm. BOLT. IT CAN BE MOUNTED ON EITHER SIDE OF A STRUCTURAL MEMBER.

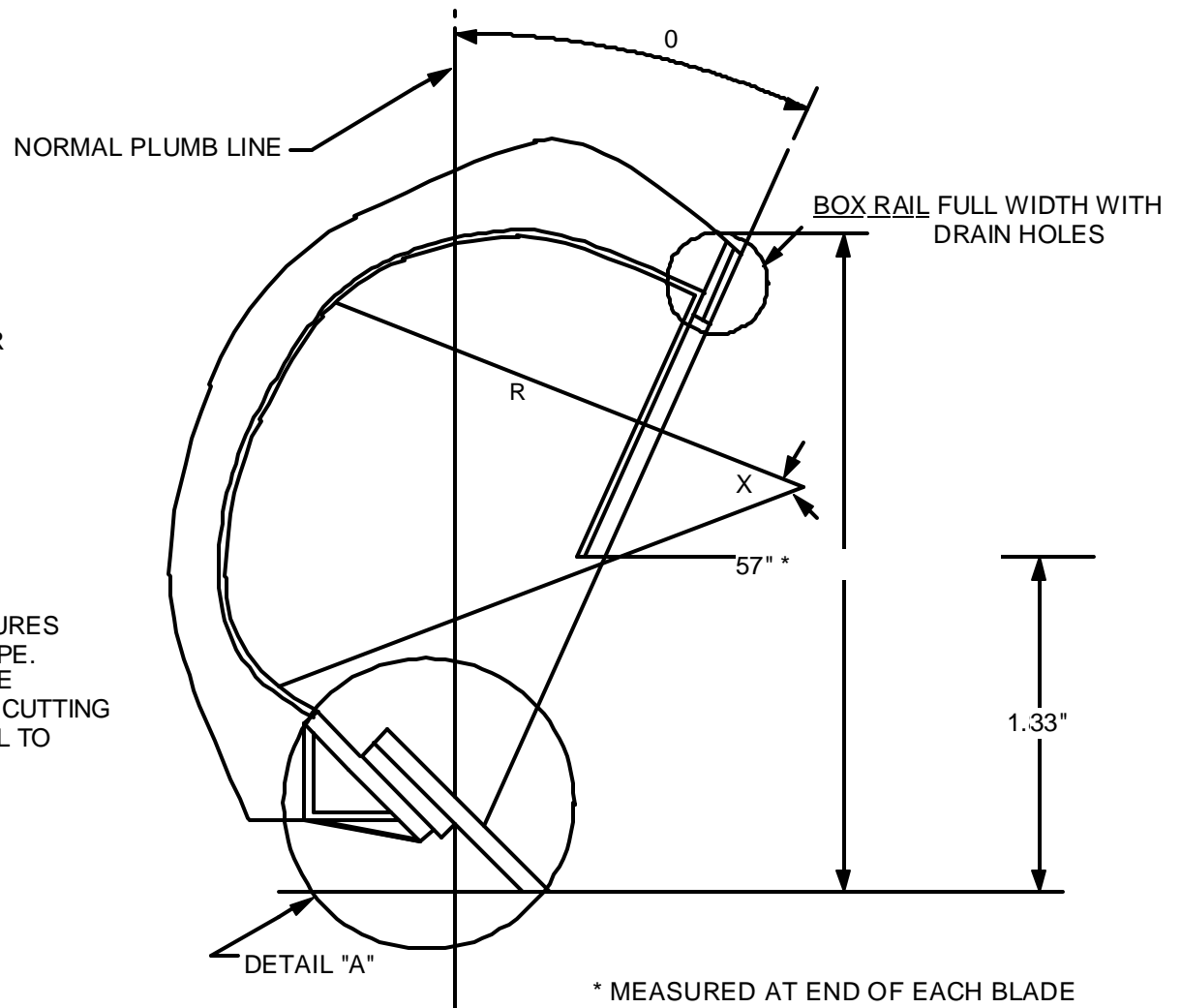
REFERENCE: CHAR-LYNN MODEL 101-1032-007 (NO SUBSTITUTE, STANDARDIZATION)

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	REVERSIBLE PLOW		
1	04/05/96	SWW	A-50" / 127cm. x 144" / 365.76cm.		
2	03/03/99	DJA	B-42" / 106.68cm. x 132" / 335.28cm.		
3			DRAWN BY	SWW	SCALE N / A
4			CHK'D	RED	DATE 04 / 05 / 96
5					
					MATERIAL
					DRW NO. EQN-34
					SHEET 15 OF 15

MODEL # 721B

ANGLE $O = 15$ DEG.
 ANGLE $X = 60$ DEG.
 RADIUS $R = 33"$
 FOR MORE DETAIL INFORMATION ON CONTOUR
 AND RADII SEE EQN-37A
 LC=LENGTH OF CUTTING EDGE 138"-
 36" , 36" , 48"
 LM= LENGTH OF MOLD BOARD - OVERALL LESS
 NOSE SHOE = 162".

ALL BIDDERS SHALL INSPECT THE
 DEPARTMENT UNITS IN THE FIELD
 TO FURTHER CLARIFY THESE DRAWINGS.
 THE UNITS MUST INCORPORATE DESIGN FEATURES
 AND MOLDBOARD CONTOUR OF THE PROTOTYPE.
 THE MFG. SHALL PROVIDE A METAL TEMPLATE
 OF THE MOLDBOARD CONTOUR OF INCLUDING CUTTING
 EDGE CUT OUT. THE BASE SHALL BE PARALLEL TO
 THE DECK SURFACE.
 SEE EQN-34 FOR DETAIL "A".



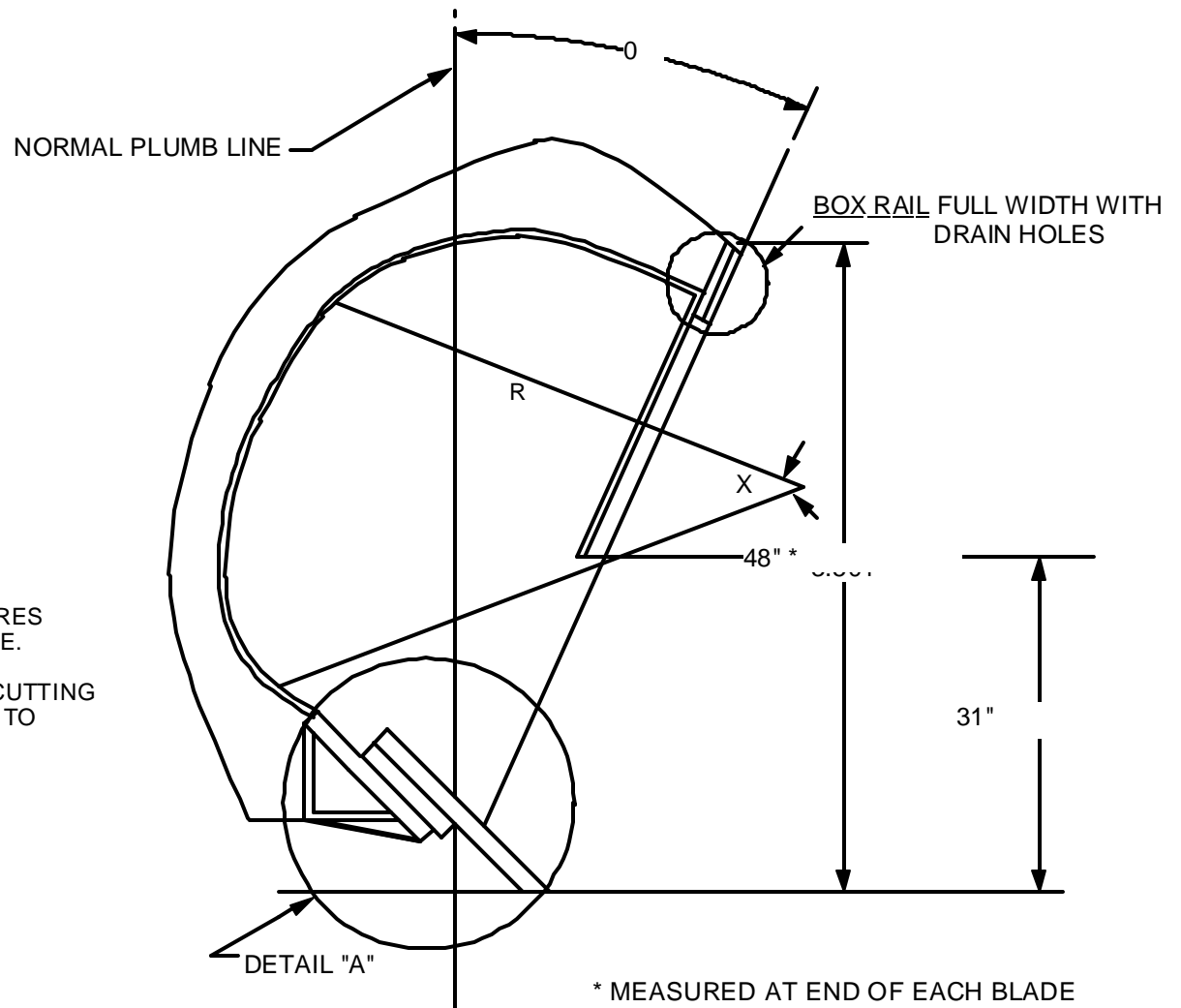
* MEASURED AT END OF EACH BLADE

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		ONE WAY SNOW PLOW - TRIP TYPE 721B SEVERE DUTY ADJUSTABLE MOLDBOARD RADIUS OVERVIEW ALSO 712, 721, AND 731 DATA		
1	12-14-94	GRL			
2	03-07-96	SWW			
3	05/22/02	DWG	DRAWN BY	VA	SCALE N / A
4			CHKD	RED	DATE 05 / 31 / 85
5					
			MATERIAL		
			DRW NO. EQN-37		
			SHEET 1 OF 12		

MODEL # 721

ANGLE $O = 15 \text{ DEG.}$
 ANGLE $X = 60 \text{ DEG.}$
 RADIUS $R = 27\text{-}3/4"$
 FOR MORE DETAIL INFORMATION ON CONTOUR
 AND RADII SEE EQN-37A
 LC=LENGTH OF CUTTING EDGE 120"
 36" , 36" , 48"
 BLADE SECTIONS.
 LM= LENGTH OF MOLD BOARD - OVERALL LESS
 NOSE SHOE = 148"

ALL BIDDERS SHALL INSPECT THE
 DEPARTMENT UNITS IN THE FIELD
 TO FURTHER CLARIFY THESE DRAWINGS.
 THE UNITS MUST INCORPORATE DESIGN FEATURES
 AND MOLDBOARD CONTOUR OF THE PROTOTYPE.
 THE MFGR. SHALL PROVIDE A METAL TEMPLATE
 OF THE MOLDBOARD CONTOUR OF INCLUDING CUTTING
 EDGE CUT OUT. THE BASE SHALL BE PARALLEL TO
 THE DECK SURFACE.
 SEE EQN-34 FOR DETAIL "A".



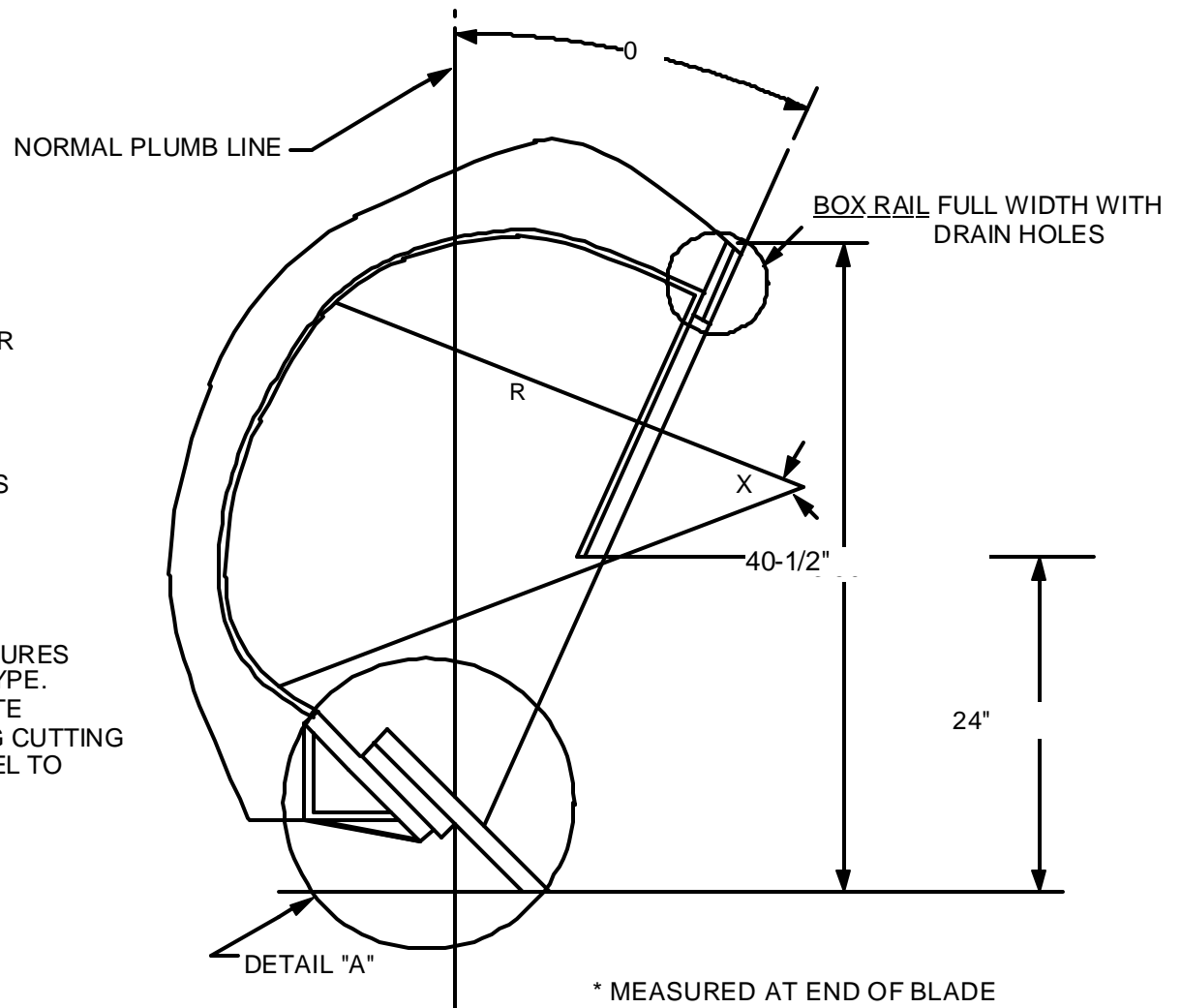
* MEASURED AT END OF EACH BLADE

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		ONE WAY SNOW PLOW - TRIP TYPE 721B SEVERE DUTY ADJUSTABLE MOLDBOARD RADIUS OVERVIEW ALSO 712, 721, AND 731 DATA		
1	12-14-94	GRL			
2	03-07-96	SWW			
3	05/22/02	DWG	DRAWN BY	VA	SCALE N / A
4			CHKD	WHM	DATE 05 / 31 / 85
5					
			DRW NO. EQN-37 SHEET 2 OF 12		

MODEL # 712

ANGLE O = 15 DEG.
 ANGLE X = 60 DEG.
 RADIUS R = 22"
 FOR MORE DETAIL INFORMATION ON CONTOUR
 AND RADII SEE EQN-37A
 LC=LENGTH OF CUTTING EDGE 120" . 36"
 36" . , 36" . 48"
 BLADE SECTIONS.
 LM= LENGTH OF MOLD BOARD - OVERALL LESS
 NOSE SHOE = 136".

ALL BIDDERS SHALL INSPECT THE
 DEPARTMENT UNITS IN THE FIELD
 TO FURTHER CLARIFY THESE DRAWINGS.
 THE UNITS MUST INCORPORATE DESIGN FEATURES
 AND MOLDBOARD CONTOUR OF THE PROTOTYPE.
 THE MFGR. SHALL PROVIDE A METAL TEMPLATE
 OF THE MOLDBOARD CONTOUR OF INCLUDING CUTTING
 EDGE CUT OUT. THE BASE SHALL BE PARALLEL TO
 THE DECK SURFACE.
 SEE EQN-34 FOR DETAIL "A".



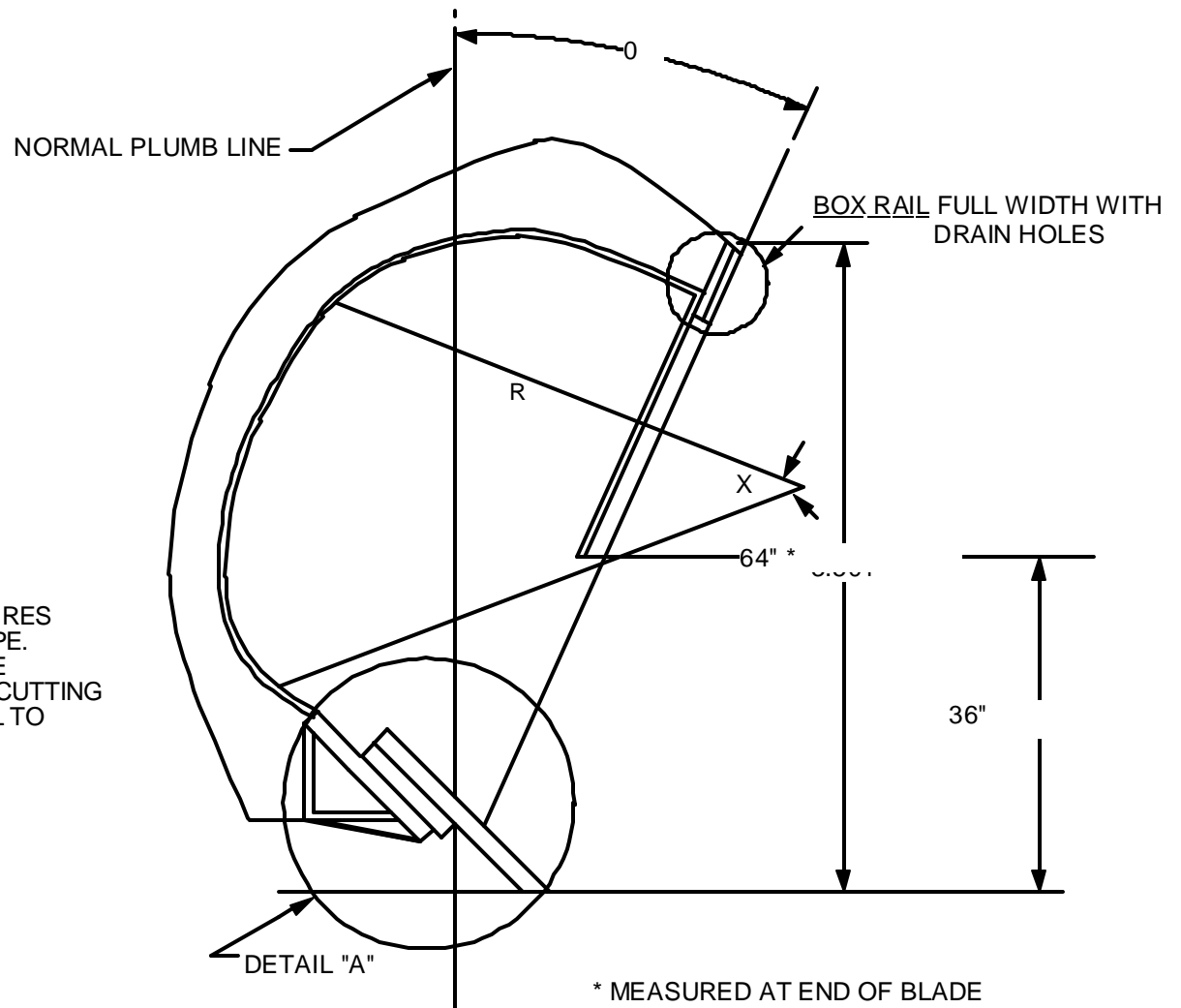
* MEASURED AT END OF BLADE

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		ONE WAY SNOW PLOW - TRIP TYPE 721B SEVERE DUTY ADJUSTABLE MOLDBOARD RADIUS OVERVIEW ALSO 712, 721, AND 731 DATA		
1	12-14-94	GRL			
2	03-07-96	SWW			
3	05/22/02	DWG	DRAWN BY	VA	SCALE N / A
4			CHKD	WHM	DATE 05 / 31 / 85
5					
			DRW NO. EQN-37 SHEET 3 OF 12		

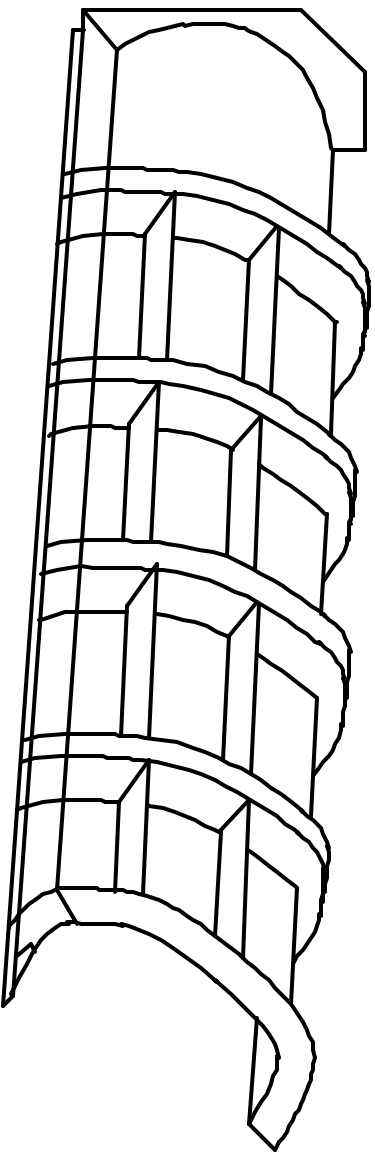
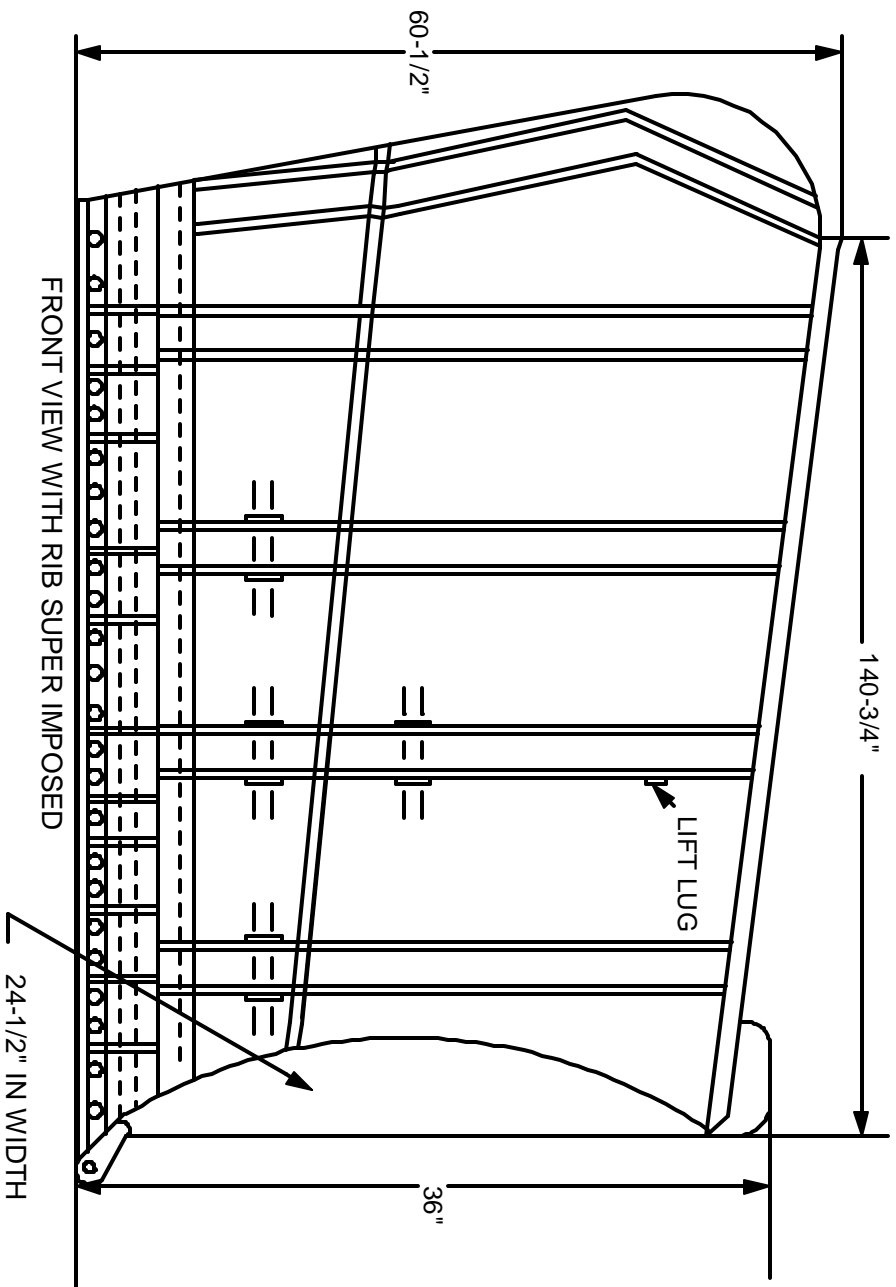
MODEL # 731

ANGLE $O = 15$ DEG.
 ANGLE $X = 60$ DEG.
 RADIUS $R = 37"$
 FOR MORE DETAIL INFORMATION ON CONTOUR
 AND RADII SEE EQN-37A
 LC=LENGTH OF CUTTING EDGE 144"
 48", 48", 48"
 BLADE SECTIONS.
 LM= LENGTH OF MOLD BOARD - OVERALL LESS
 NOSE SHOE = 168"

ALL BIDDERS SHALL INSPECT THE
 DEPARTMENT UNITS IN THE FIELD
 TO FURTHER CLARIFY THESE DRAWINGS.
 THE UNITS MUST INCORPORATE DESIGN FEATURES
 AND MOLDBOARD CONTOUR OF THE PROTOTYPE.
 THE MFGR. SHALL PROVIDE A METAL TEMPLATE
 OF THE MOLDBOARD CONTOUR OF INCLUDING CUTTING
 EDGE CUT OUT. THE BASE SHALL BE PARALLEL TO
 THE DECK SURFACE.
 SEE EQN-34 FOR DETAIL "A".

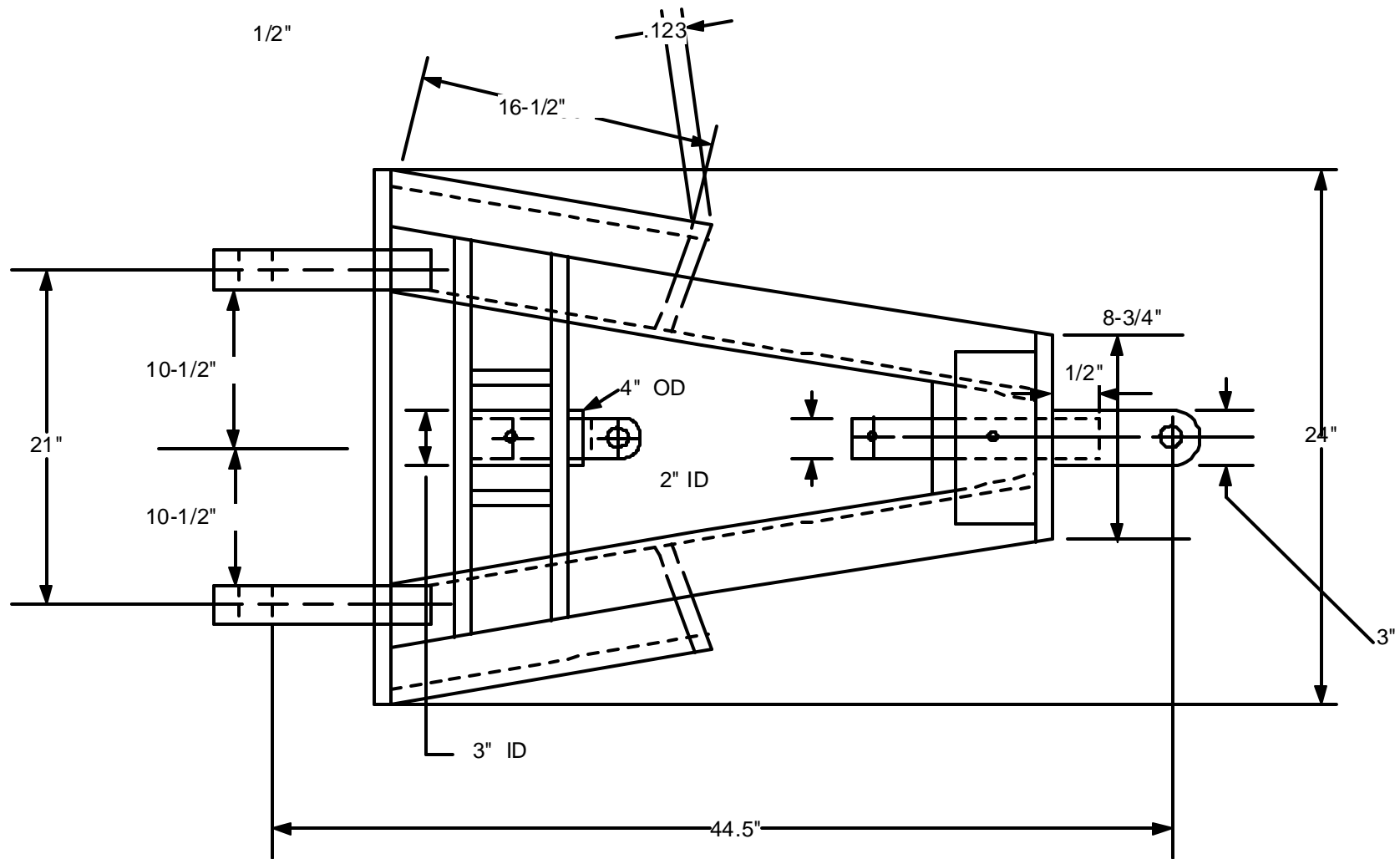


REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		ONE WAY SNOW PLOW - TRIP TYPE 721B SEVERE DUTY ADJUSTABLE MOLDBOARD RADIUS OVERVIEW ALSO 712, 721, AND 731 DATA		
1	12-14-94	GRL			
2	03-07-96	SWW			
3	05/22/02	DWG	DRAWN BY	VA	SCALE N / A
4			CHKD	RED	DATE 05 / 31 / 85
5					
			DRW NO. EQN-37 SHEET 4 OF 12		

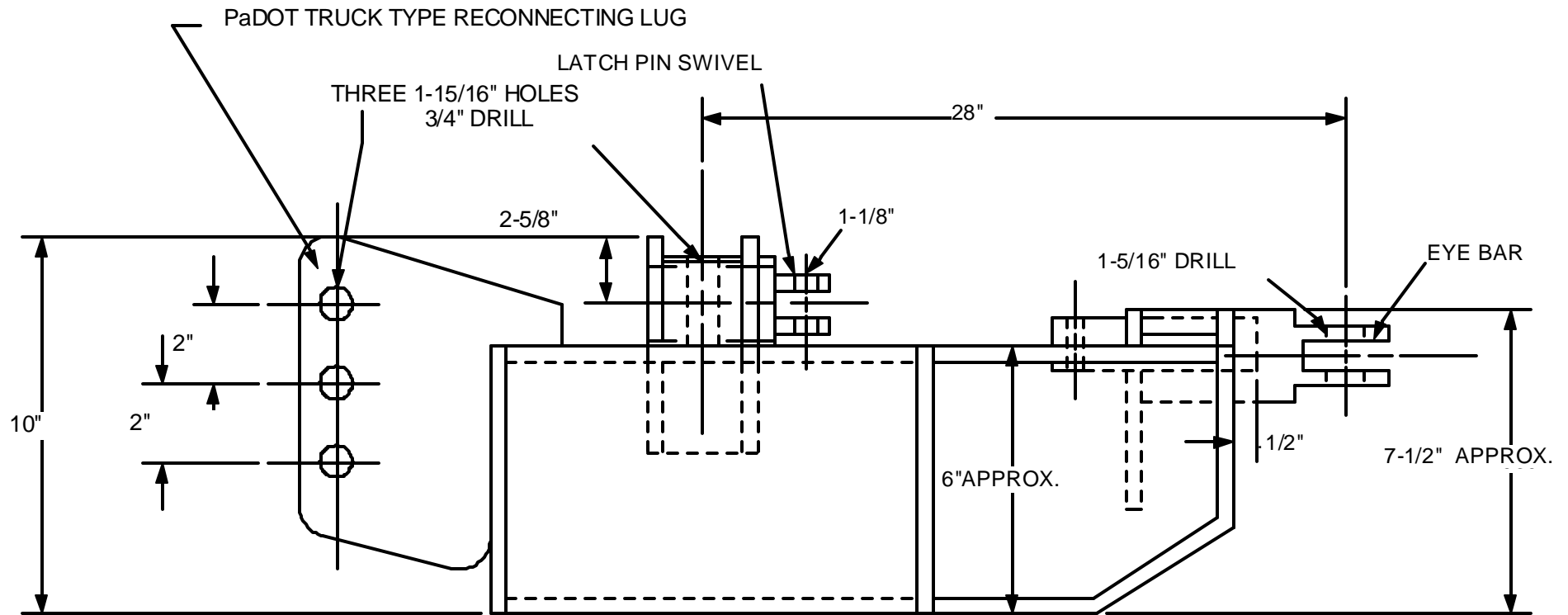


VIEW OF BACK PLATE

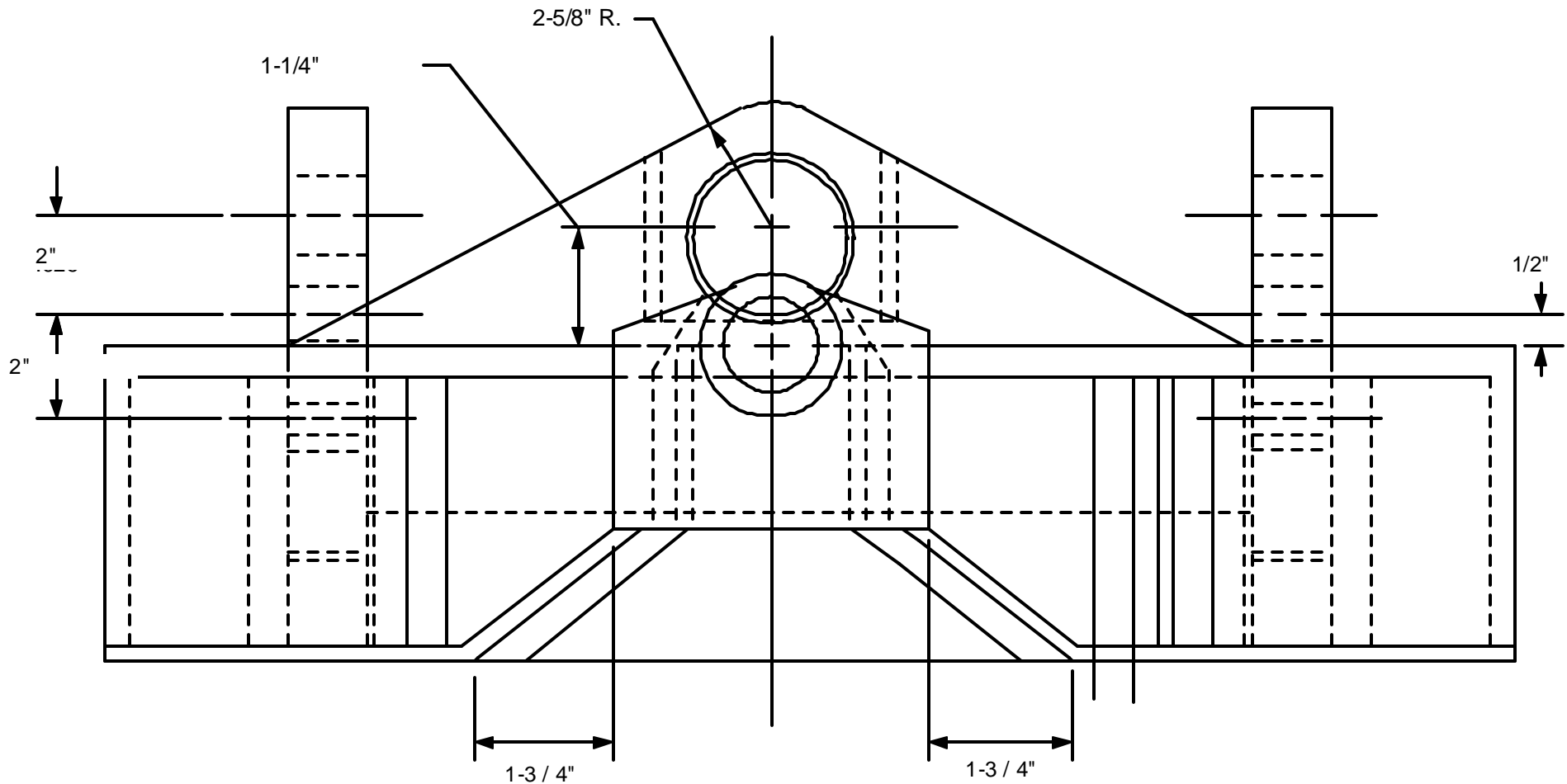
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION					
NO	DATE	BY						
1	05/23/02	DWG	PLOW INFO - 721B ONE WAY PLOW					
2								
3								
4								
5								
			DRAWN BY	ED. K	SCALE	N/A	MATERIAL	
			CHKD	WHM	DATE	06/01/86	DRW NO.	EQN - 37
			SHEET 5 OF 12					



REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		PLOW INFO - 721B ONE WAY PLOW		
1	07/27/94	GRL			
2	03/08/96	SWW			
3	05/23/02	DWG	DRAWN BY LLM	SCALE N / A	MATERIAL
4			CHKD RED	DATE 08 / 17 / 86	DRW NO. EQN-37
5					SHEET 6 OF 12

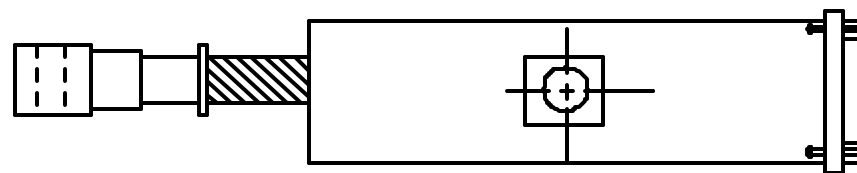
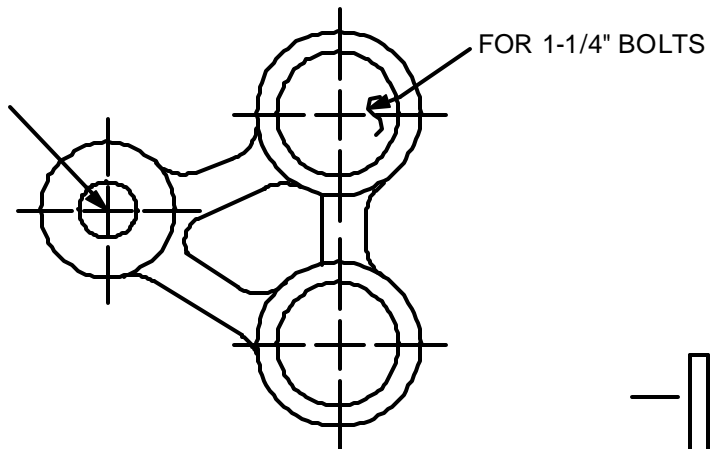


REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		PLOW INFO - 721B ONE WAY PLOW		
1	7/27/96	GRL			
2	3/8/96	SWW			
3	05/23/02	DWG	DRAWN BY	DJA	SCALE N / A
4			CHKD	WHM	DATE 7-17-98
5					
			DRW NO. EQN-37 SHEET 7 OF 12		



REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		PLOW INFO - 721B ONE WAY PLOW		
1	07/27/94	GRL			
2	03/08/96	SWW			
3	05/23/02	DWG	DRAWN BY	LLM	SCALE N / A
4			CHKD	WHM	DATE 08 / 20 / 96
5					MATERIAL
			DRW NO. EQN-37 SHEET 8 OF 12		

FOR 3/4"
BOLTS



H.D. TRIP CYLINDER 1 REQD. INSIDE SPRING
5-1/2" O.D. WITH 13/16" WIRE.
OUTSIDE SPRING 8" O.D. WITH
15/16" WIRE.

5/8" x 10" x 19"

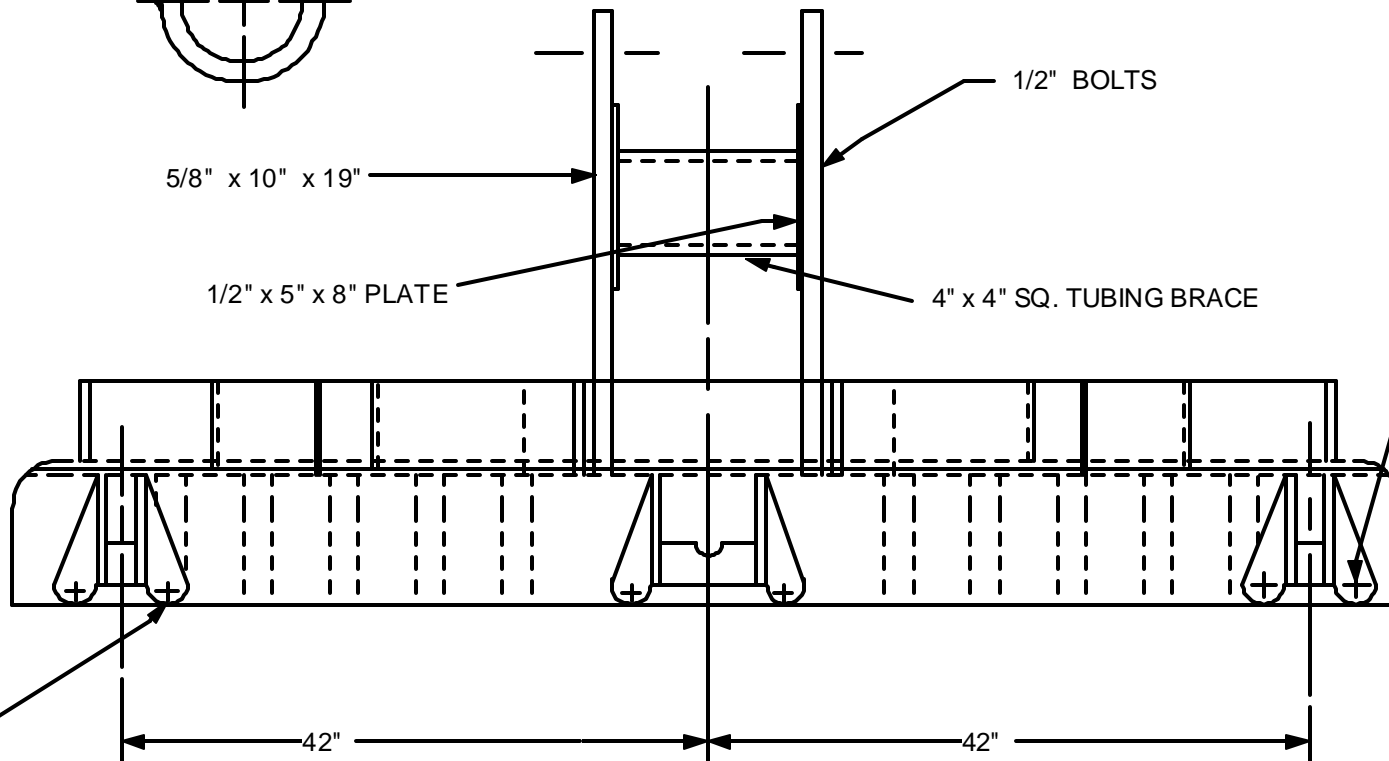
1/2" x 5" x 8" PLATE

1/2" BOLTS

4" x 4" SQ. TUBING BRACE

DRILL, 9 HOLES
13/4" x
7"

1" GUSSETS ON 7"
CENTERS EXCEPT ON
3" CENTERS AT ENDS.



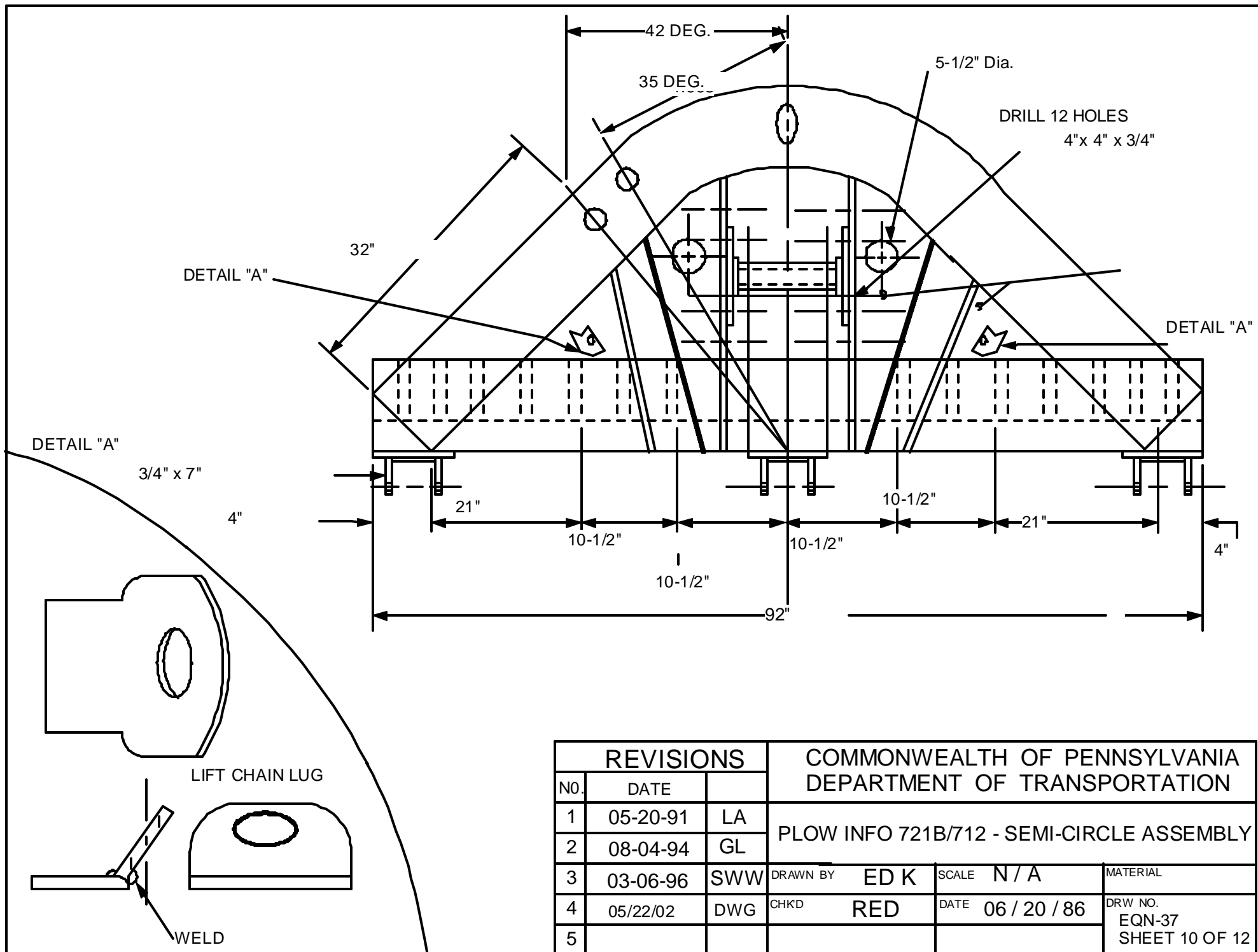
REVISIONS

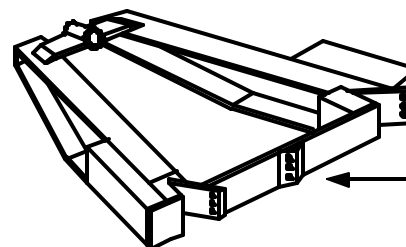
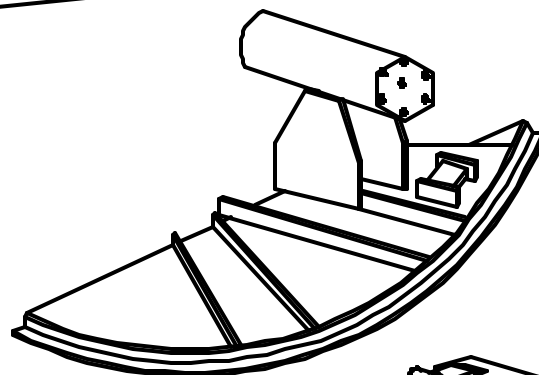
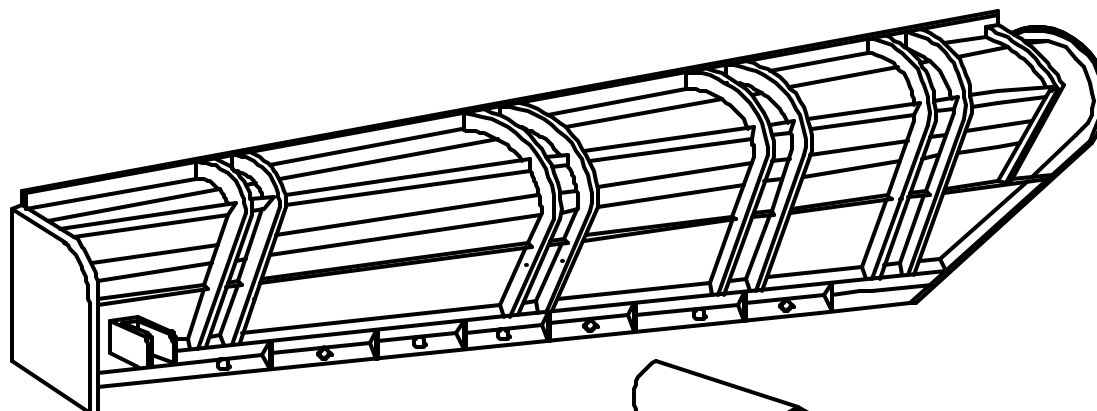
NO.	DATE	
1	05-20-91	LA
2	08-04-94	GL
3	03-06-96	SWW
4	05/23/02	DWG
5		

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

PLOW INFO 721B/712 - SEMI-CIRCLE ASSEMBLY

DRAWN BY	ED K	SCALE	N / A	MATERIAL
CHKD	RED	DATE	06 / 20 / 86	DRW NO. EQN-37
				SHEET 9 OF 12





1 1/4" C.R. ROD. X 40" LONG

NOTE: ALL DIMENSIONS IN INCHES.

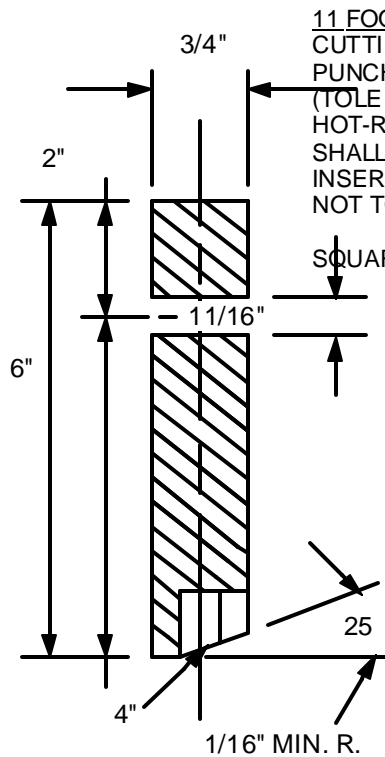
FOR DETAIL "A":
FLAT COUNTERSUNK GRADE-8 MIN. PLOW BOLT
WITH SELF LOCKING ELASTIC CENTER NUT, DIA.
5/8" BY APPROPRIATE LENGHT TO INSURE FULL
USE OF THE NUT PLUS 1/4" OVERTHREAD.

BOLT HOLES SHALL BE SPACED TO COINCIDE WITH
AASHO PUNCHINGS OF THE CUTTING EDGE.
GRADE 8NUTS SHALL BE FURNISHED.

THE CENTER BARACE SHALL
BE CENTERED EVENLY
BETWEEN THE OTHER
BRACES

SPECAIL NOTE:
BOTH BLADES MUST
BE 6" BLADES.

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	712/721/721B REFERENCE DRAWINGS		
1	07/27/94	GL			
2	12/15/99	GAH			
3			DRAWN BY WHM	SCALE N / A	MATERIAL
4			CHKD RR	DATE 08/21/91	DRW NO. EQN-37
5					SHEET 11-12



11 FOOT BLADE ASSEMBLY

CUTTING EDGE BOLT HOLES SPACED TO COINCIDE WITH STANDARD BOLT HOLE (AASH PUNCHING. LOCATION AND SPACING OF HOLES SHALL BE AS INDICATED.

(TOLERANCE SHALL BE 1/32" +/-) CUTTING EDGE SHALL BE FLAT

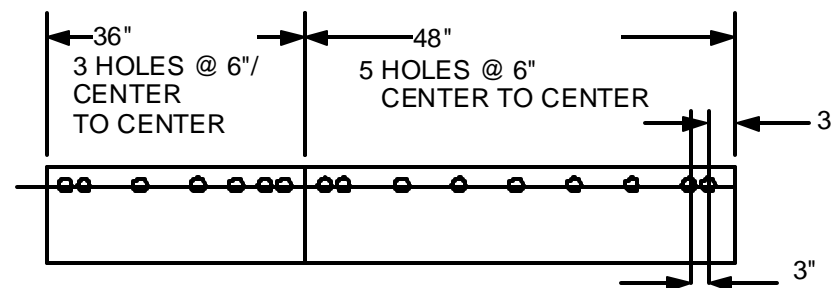
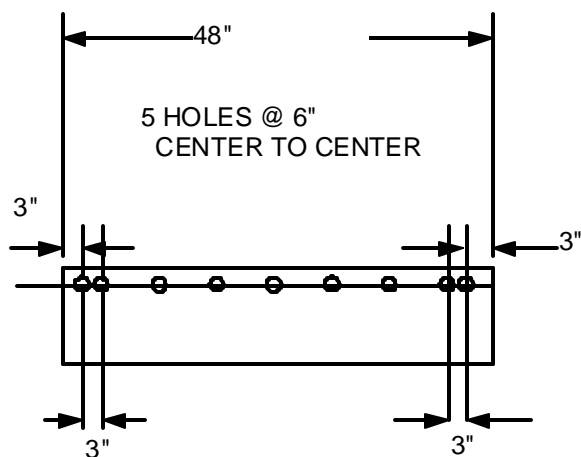
HOT-ROLLED FINISHED STEEL SAE 1020-1040. TUNGSTEN BRAZING MATERIAL SHEAR STRENGTH

SHALL BE 30,000 psi psi MINIMUM. ALL SIDE BRAZING. SPACE BETWEEN TUNGSTEN

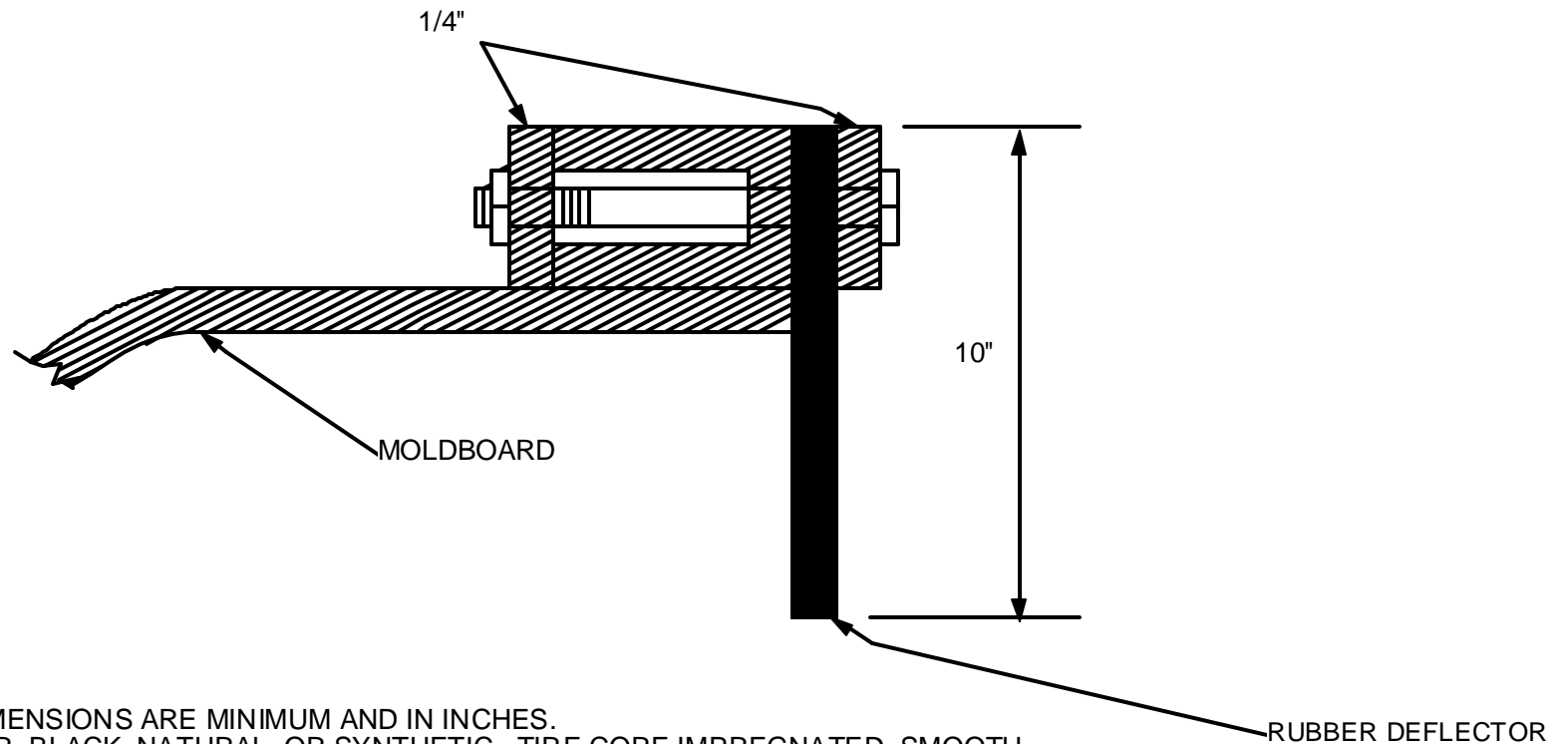
INSERTS SHALL BE 1/100" CUTTING EDGE WARPAGE AND LONGITUDINAL DEVIATION

NOT TO EXCEED 1/8" PER 48" LENGTH.

SQUARE HOLES WITH COUNTERSUNK TO RECIEVE 5/8" Dia. PLOW BOLT.



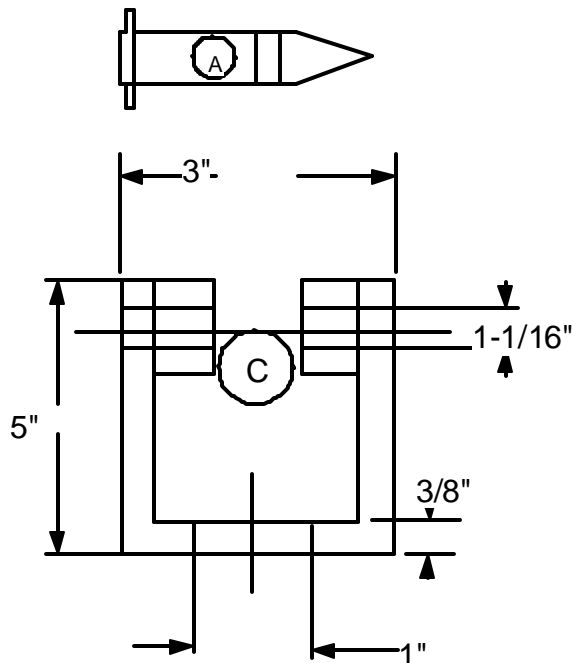
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE		PLOW INFO		
1	06/27/94	LA	ONE WAY SNOW PLOW-TRIP TYPE 721B SEVERE DUTY		
2	07/11/94	GL			
3	03/19/96	SWW	DRAWN BY ED K.	SCALE N / A	MATERIAL
4	07/16/98	DJA	CHKD RED	DATE 05 / 31 / 85	DRW NO. EQN-37
5					SHEET 12 OF 12



NOTES:

1. ALL DIMENSIONS ARE MINIMUM AND IN INCHES.
2. RUBBER, BLACK, NATURAL, OR SYNTHETIC. TIRE CORE IMPREGNATED, SMOOTH SIDES 1/2" x 10" WIDE X FULL LENGTH OF THE MOLDBOARD TOP EDGE CARBON STEEL, ASTM A-36 MINIMUM. 1/4" THICK x 2" WIDE x FULL LENGTH OF THE MOLDBOARD TOP EDGE.
3. BOLTS, LENGTH TO SUIT THE SECTION OF THE REINFORCEMENT AT THE TOP EDGE OF THE MOLDBOARD, 3/8" IN SIZE.
4. SPACING OF THE BOLTS NOT MORE THAN 6" APART.
5. SNOW DEFLECTOR TO INCLUDE ALL HARDWARE NECESSARY FOR A FINISHED PRODUCT.

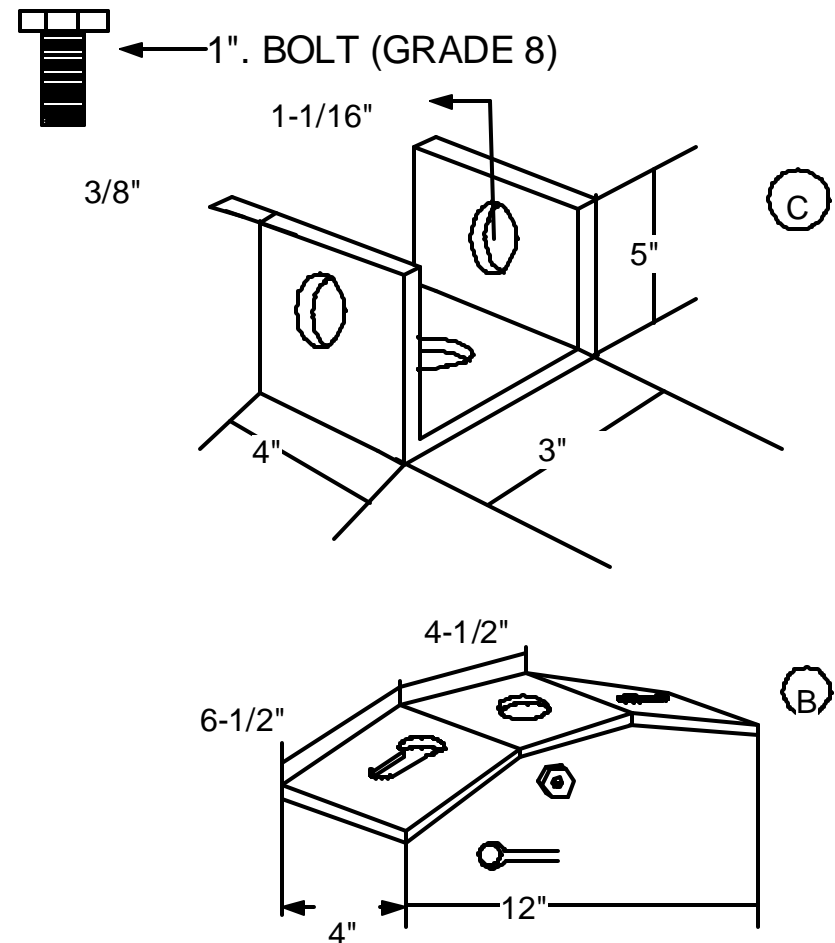
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	SNOW PLOW SNOW DEFLECTOR		
1	09/30/94	GL			
2	05/02/96	SWW			
3	08/13/98	DJA	DRAWN BY	DMB	SCALE N / A
4	05/23/02	DWG	CHKD	WHM	DATE 05/02/96
5					
			DRW NO. EQN-37B SHEET 1 OF 1		



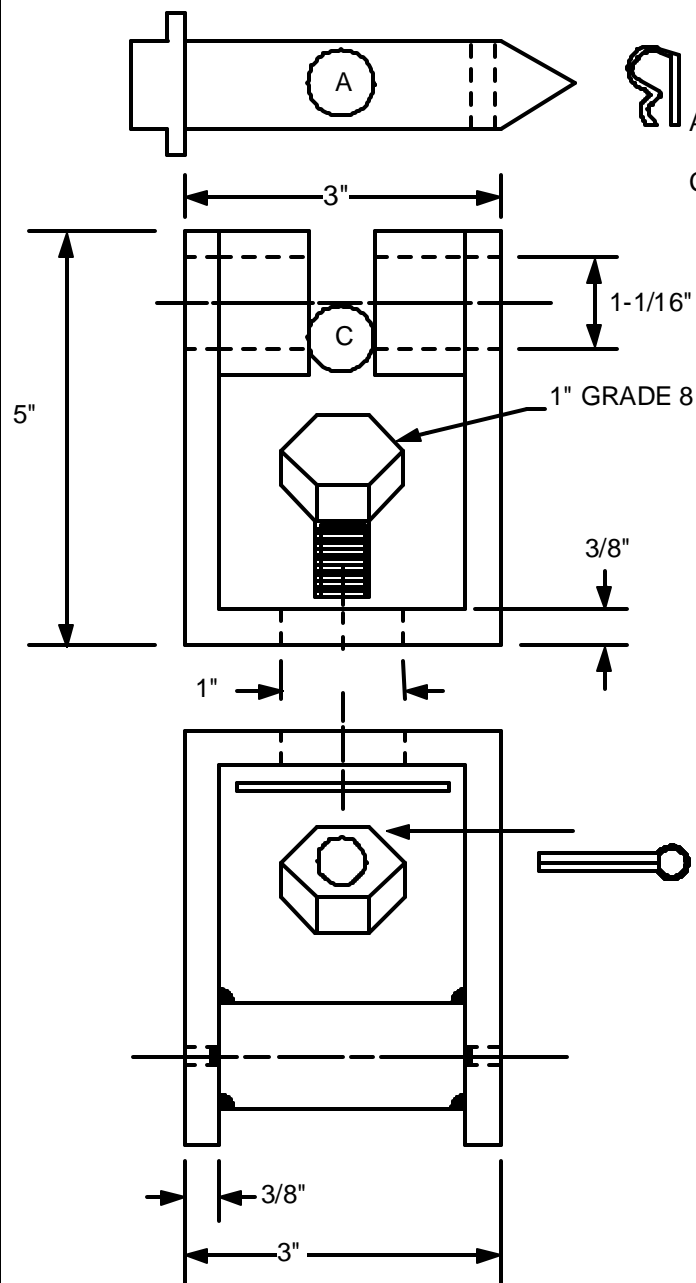
A. 1" x 4" PIN AND HAIRPIN
TO BE SUPPLIED WITH PLOW, PIN SHALL BE
ATTACHED TO BRACKET BY A CHAIN OR CABLE.

B. 5/8" X 3" HIGH GUSSET.
GUSSET WELDED TO BACK SIDE OF SWIVEL.
BANJO OPENINGS TO ACCOMMODATE
1/2" CHAIN.

C. 1-1/4" OPENING TO ACCEPT
LIFT ARM REFERENCED IN EQN-50
SPACERS TO BE WELDED TO BRACKET.
ALL DIMENSIONS APPROX.



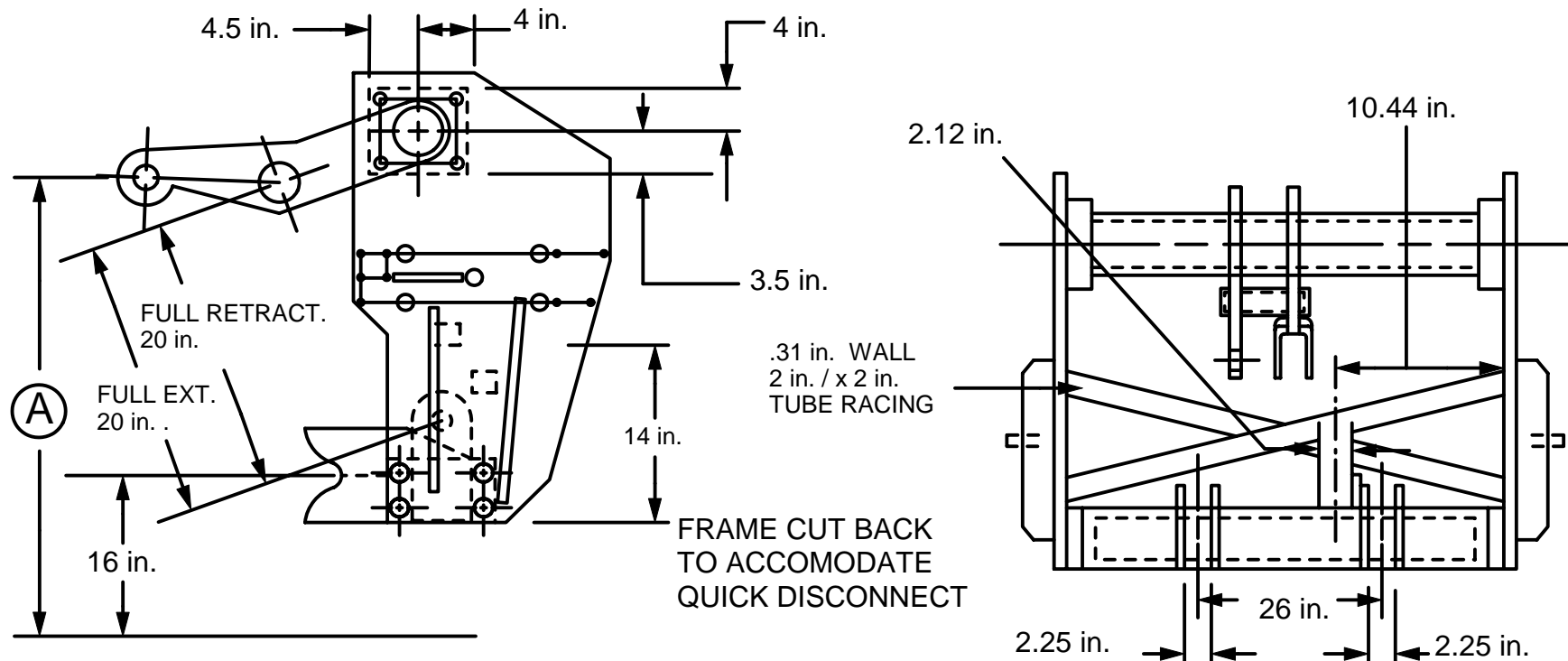
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	PLOW HITCH TO SWIVEL		
1	03/06/96	SWW			
2	04/30/96	SWW			
3	06/16/99	GAH	DRAWN BY GL	SCALE N / A	MATERIAL
4	05/23/02	DWG	CHKD RED	DATE 06/27/94	DRW NO. EQN-39
5					SHEET 1 OF 1



- A. 1" x 4" PIN AND HAIRPIN TO BE SUPPLIED WITH PLOW, PIN SHALL BE ATTACHED TO BRACKET BY A CHAIN OR CABLE
- C. 1-1/4" OPENING TO ACCEPT LIFT ARM REFERENCED IN EQN - 50 SPACERS TO BE WELDED TO BRACKET.

ALL DIMENSIONS ARE APPROXIMATE

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	PLOW TO HITCH SWIVEL SLIDING		
1	04/19/96	SWW			
2	08/24/98	DJA			
3	05/23/02	DWG	DRAWN BY DJA	SCALE N / A	MATERIAL
4			CHKD WHM	DATE 08/24/98	DRW NO. EQN-43
5					SHEET 1 OF 1



NOTE:

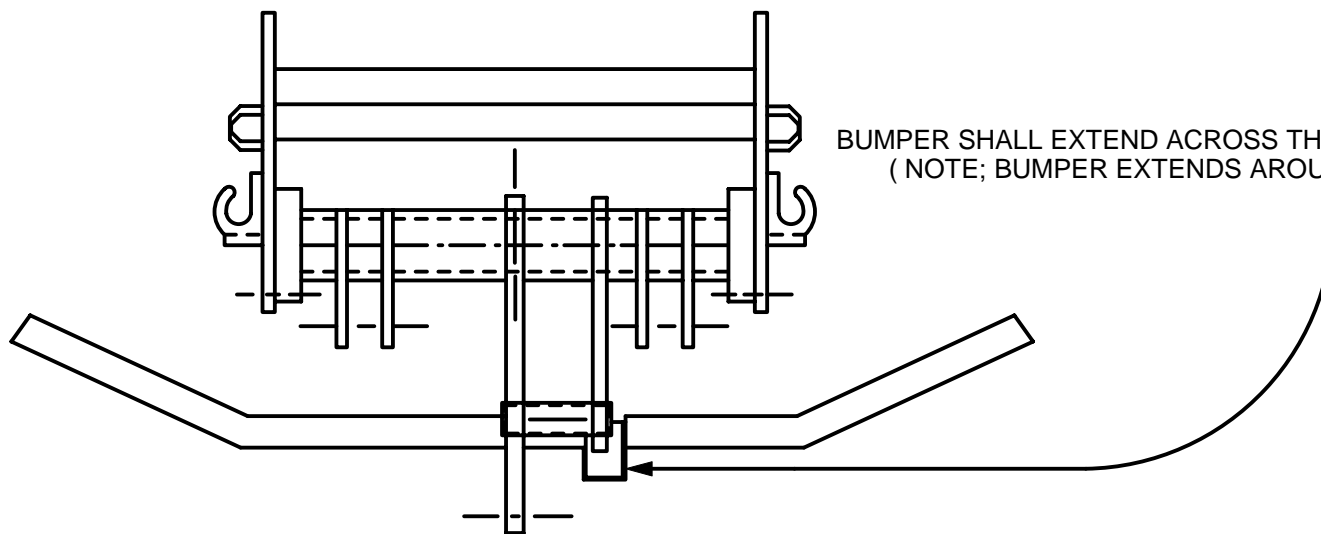
ALL GREASE ZERKS SHALL BE SURROUNDED BY A SHORT LENGTH OF PIPE (WELDED IN PLACE) OR BE PLACED IN A RECESSED HOLE.

(A) HEIGHT SHALL BE SUFFICIENT TO AFFORD UNRESTRICTED LIFT FOR PENN D.O.T. PLOWS

NOTE:

ALL FINAL DIMENSIONS AND ANGLES SHALL BE VERIFIED THROUGH FIELD VISITATION AND CORRESPONDENCE WITH EQUIPMENT DIVISION.

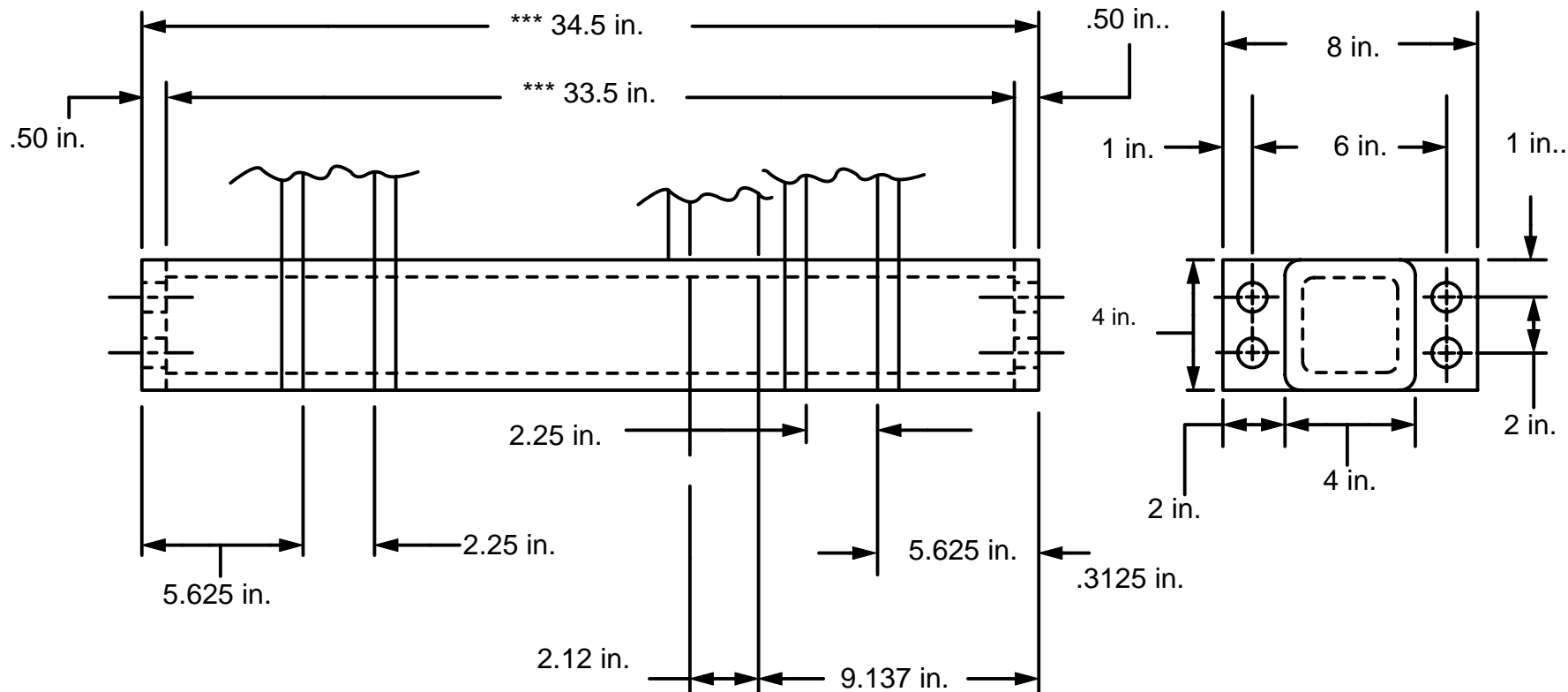
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO	DATE	BY	LOW PROFILE MOUNTING		
1	09/25/95	SWW			
2	11/05/95	WHM			
3	08/14/97	DLW	DRAWN BY DLW	SCALE N / A	MATERIAL
4	05/28/02	DWG	CHK'D WHM	DATE 08 / 14 / 97	DRW NO. EQN-50
5	09/13/06	CJW			SHEET 1 OF 5



BUMPER SHALL EXTEND ACROSS THE ENTIRE FRONT OR REAR
(NOTE; BUMPER EXTENDS AROUND PLOW CYLINDER)

ADDITIONAL BUMPER SUPPORTS SHALL BE FABRICATED
AND INSTALLED TO INSURE BUMPER RIGIDIITY

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY			
1	09/25/95	SWW	LOW PROFILE MOUNTING		
2	11/05/95	WHM			
3	08/14/97	DLW	DRAWN BY DLW	SCALE N / A	MATERIAL
4			CHK'D WHM	DATE 08 / 14 / 97	DRW NO. EQN-50
5					SHEET 2 OF 5

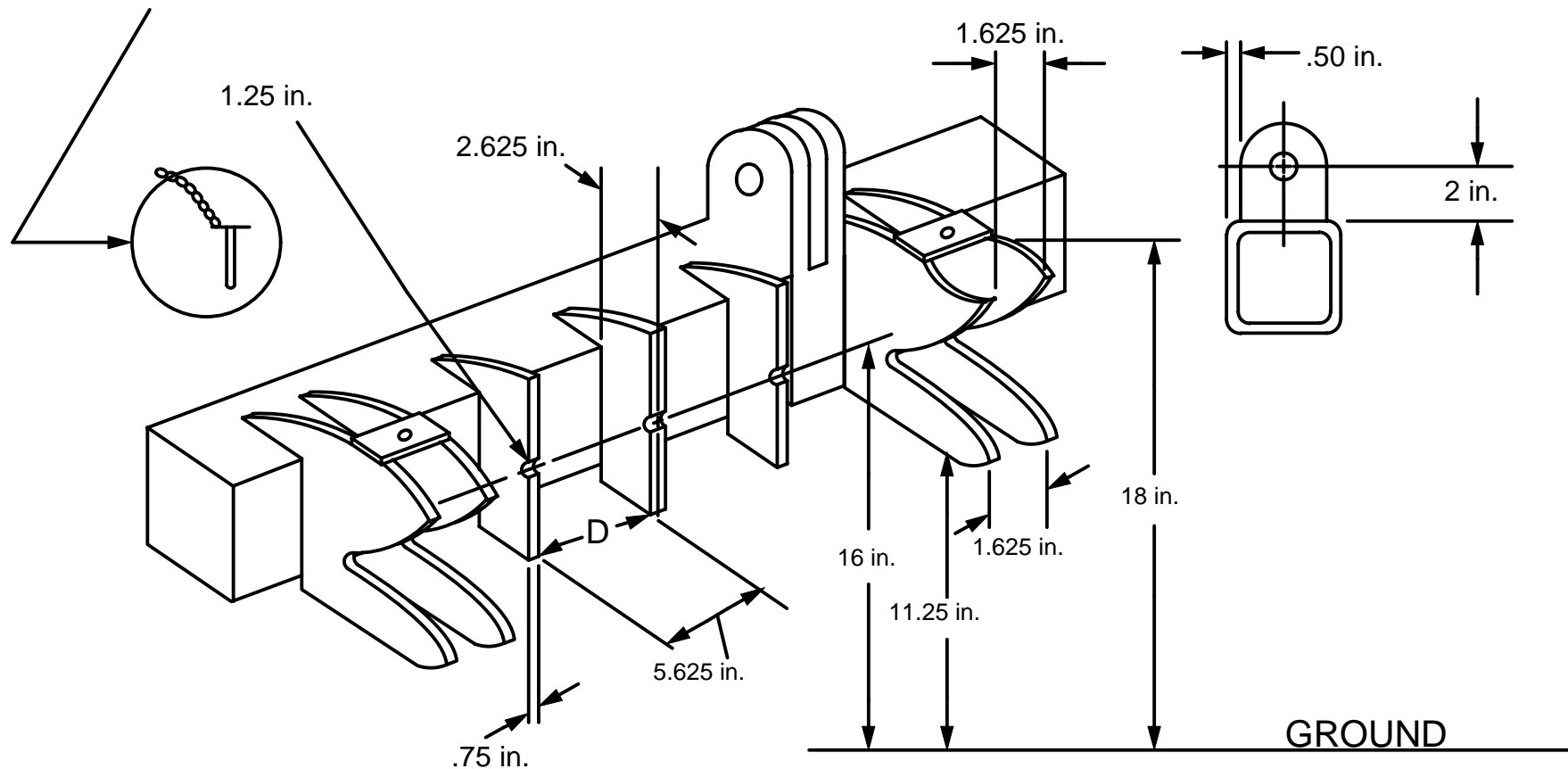


*** VARIABLE WIDTH ASSEMBLY CHECK CHASSIS RAIL WIDTH

ALL FINAL DIMENSIONS AND ANGLES SHALL BE VERIFIED THROUGH FIELD VISITATION AND CORRESPONDENCE WITH THE EQUIPMENT DIVISION.

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	LOW PROFILE MOUNTING		
1	09/25/95	SWW			
2	11/05/95	WHM			
3	08/14/97	DLW	DRAWN BY DLW	SCALE N / A	MATERIAL
4	05/28/02	DWG	CHK'D WHM	DATE 08 / 14 / 97	DRW NO EQN-50
5					SHEET 3 OF 5

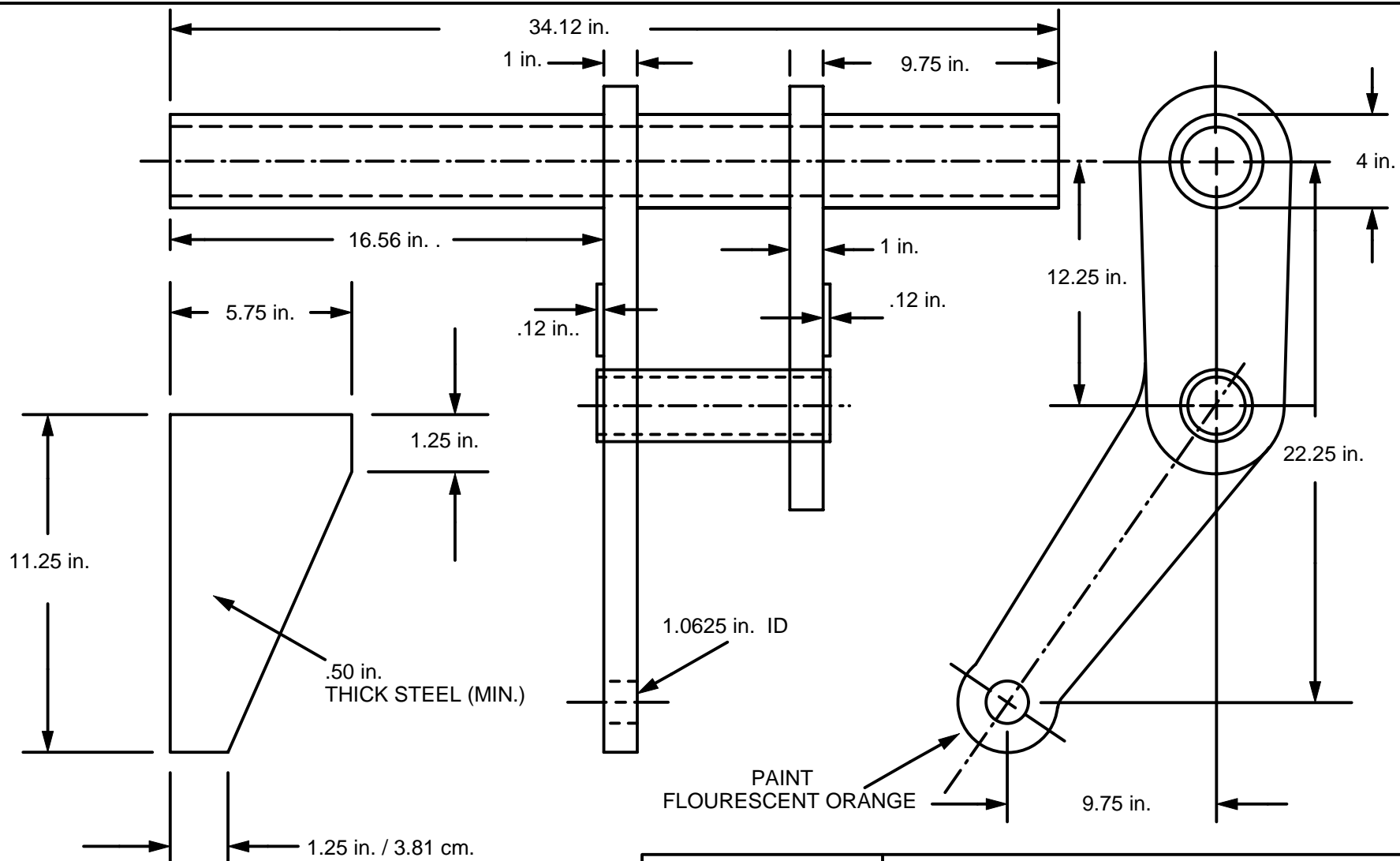
1.25 in. DIA PIN x 7 in. LONG WITH
TAPERED END FITTED WITH A HAIR PIN. TOP SHALL
HAVE A WELDED CHAIN TO RETAIN PIN.



NOTE:

DIMENSION "D" SHALL BE 2 in. / 5.08 cm.
OFFSET TO THE LEFT OF CENTER (AS
VIEWED FROM THE DRIVERS SEAT)

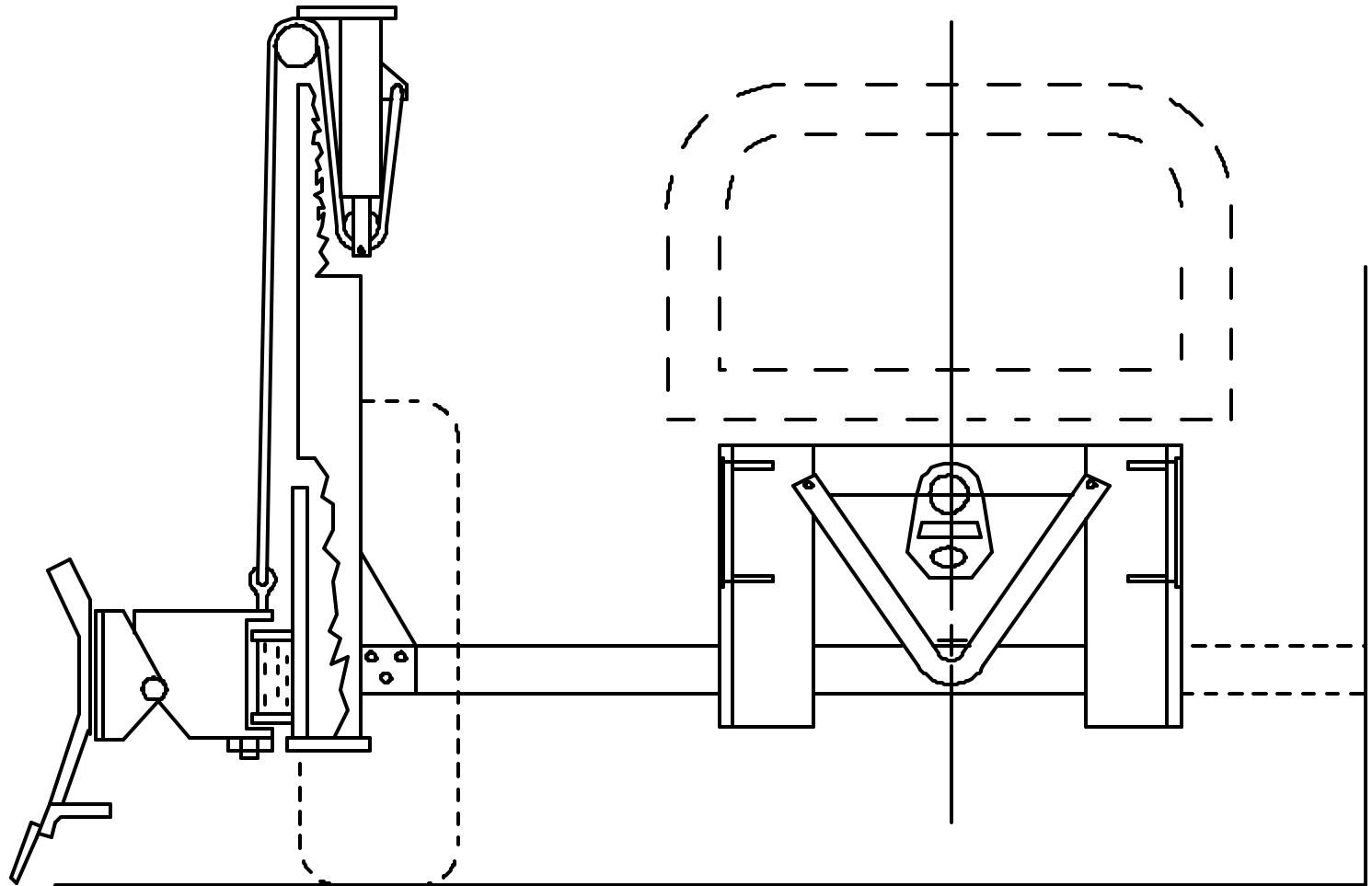
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION			
NO.	DATE	BY	LOW PROFILE MOUNTING			
1	09/25/95	SWW				
2	1/05/95	WHM				
3	08/14/97	DLW	DRAWN BY	DLW	SCALE	N / A
4	05/28/02	DWG	CHK'D	WHM	DATE	08 / 14 / 97
5	11/03/05	KNH				
			DRW NO. EQN-50			
			SHEET 4 OF 5			



FULL WELD BOTH SIDES DIMENSIONS ARE APPROX

ALL FINAL DIMENSIONS AND ANGLES SHALL BE
BE VERIFIED THROUGH FIELD VISITATION AND
CORRESPONDENCE WITH THE EQUIPMENT
DIVISION.

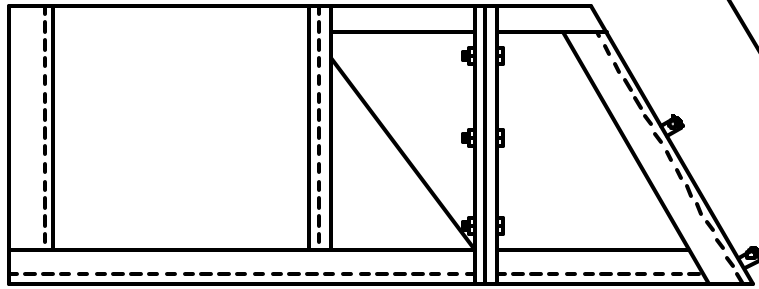
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NO.	DATE	BY	LOW PROFILE MOUNTING		
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2	1/05/95	WHM			
3	08/14/97	DLW	DRAWN BY	DLW	SCALE N / A
4	05/28/02	DWG	CHK'D	WHM	DATE 08 / 14 / 97
5					
			MATERIAL		
			DRW NO. EQN-50		
			SHEET 5 OF 5		



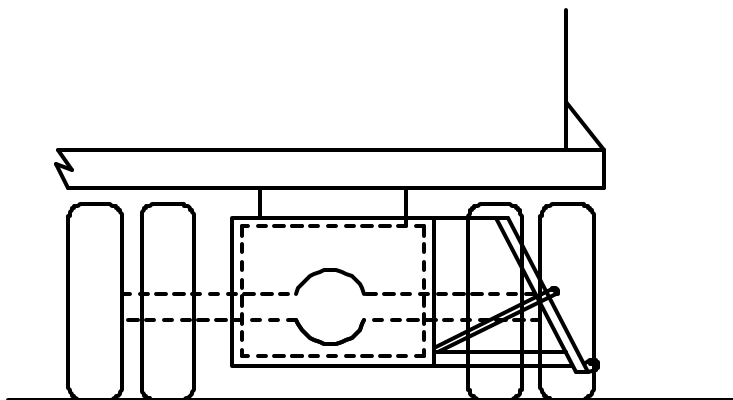
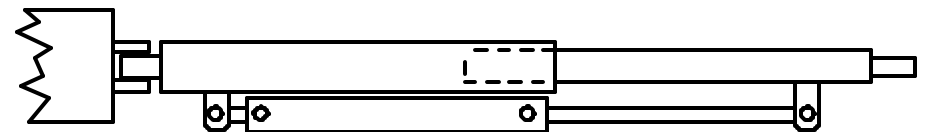
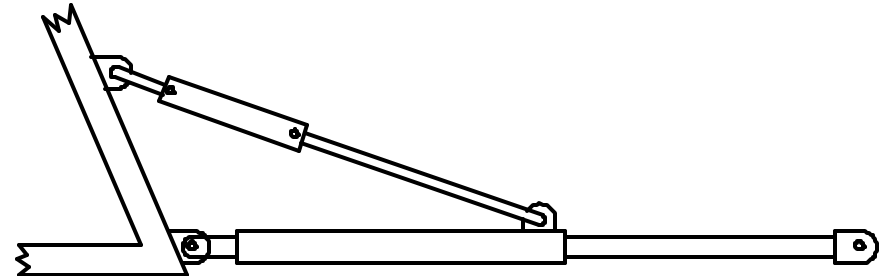
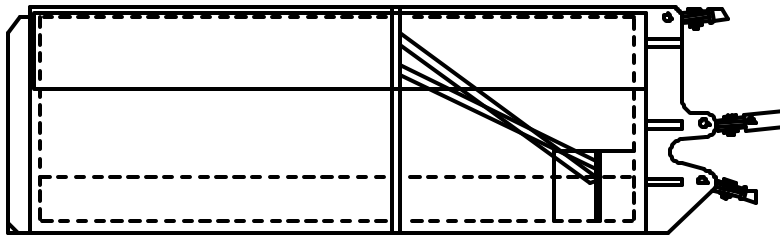
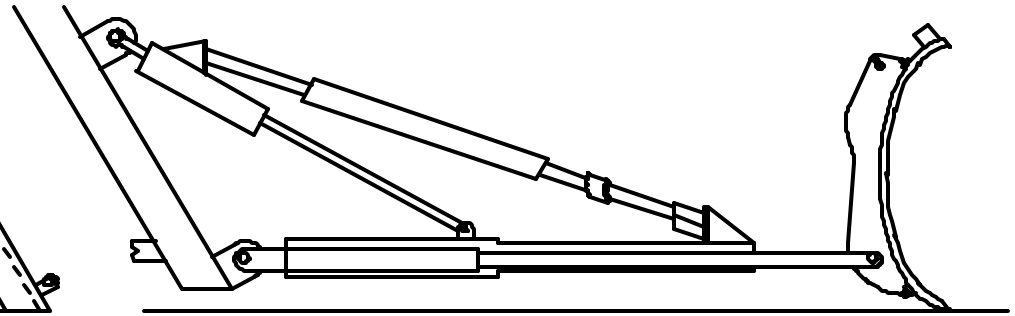
NOTES:

1. SKETCH SHOWS RIGHT WING PLOW MOUNTED ON AN INTERNATIONAL DUMP TRUCK MODEL S-2554 (EQUIPMENT NO. 2064).
2. LEFT PATROL WING SIMILAR EXCEPT OPPOSITE HAND MOUNTING.

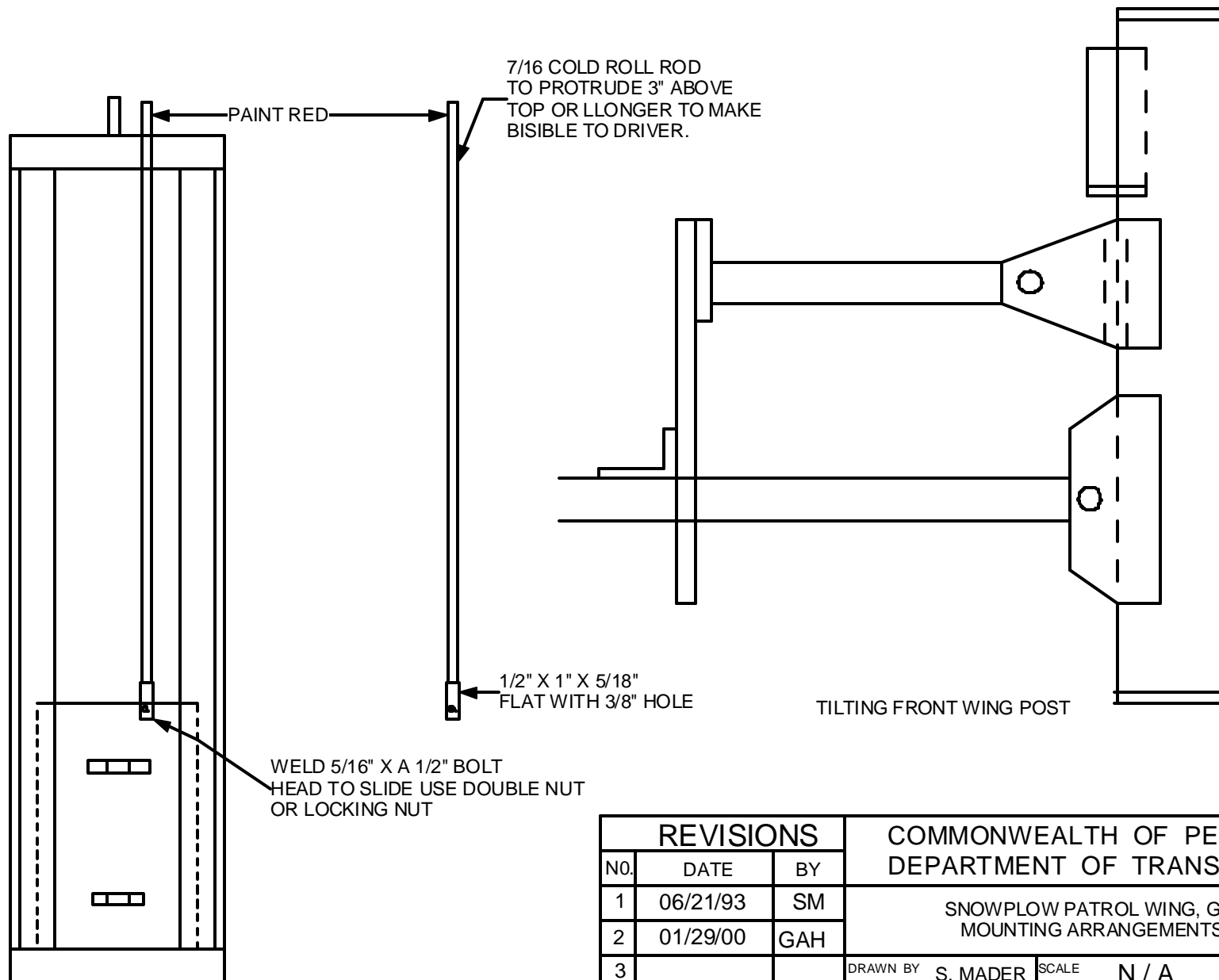
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	SNOWPLOW PATROL WING, GENERIC, MOUNTING ARRANGEMENTS		
1	06/21/93	SM			
2	01/14/00	GAH			
3			DRAWN BY MELVYN D.	SCALE N / A	MATERIAL
4			CHKD RAR	DATE 03/22/89	DRW NO. EQN-60A
5					SHEET 1 OF 3



DETACHABLE "A" FRAME
(REMOVABLE FOR SUMMER USE)

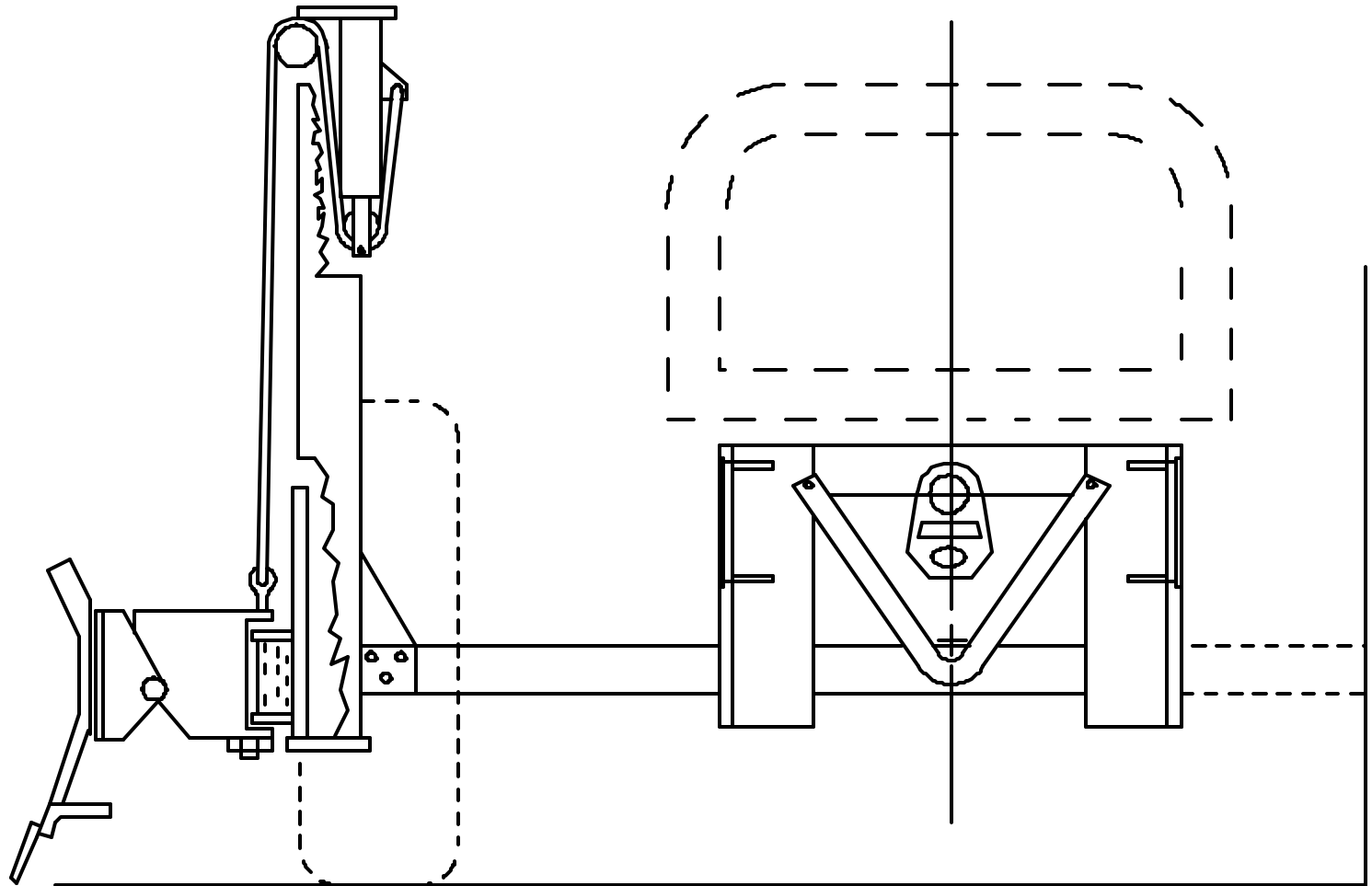


REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	SNOWPLOW PATROL WING, GENERIC, MOUNTING ARRANGEMENTS		
1	06/21/93	SM			
2	01/27/00	GAH			
3			DRAWN BY MELVYN D.	SCALE N / A	MATERIAL
4			CHKD RAR	DATE 03/22/89	DRW NO. EQN-60A
5					SHEET 2 OF 3



MECHANICAL PATROL WING FRONT POST GUIDE

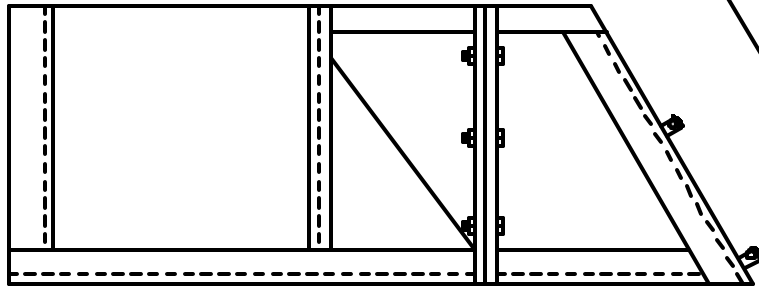
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	SNOWPLOW PATROL WING, GENERIC, MOUNTING ARRANGEMENTS		
1	06/21/93	SM			
2	01/29/00	GAH			
3			DRAWN BY S. MADER	SCALE N / A	MATERIAL
4			CHKD RAR	DATE 03/22/89	DRW NO. EQN-60A
5					SHEET 3 OF 3



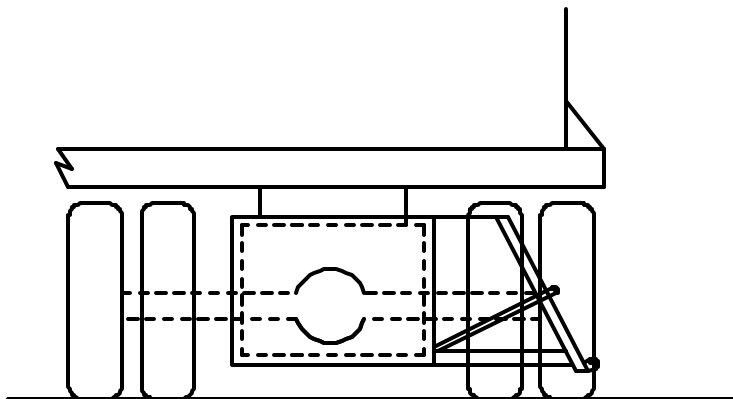
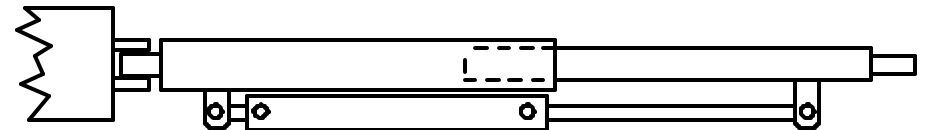
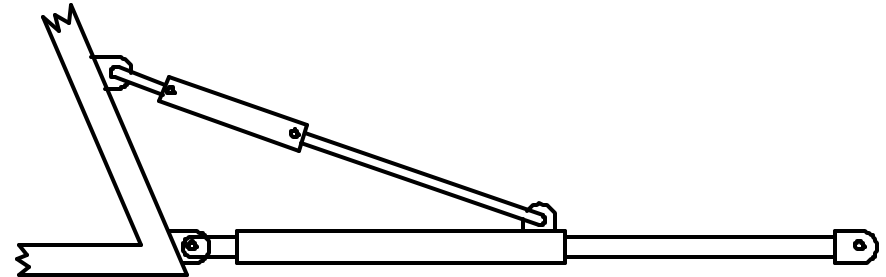
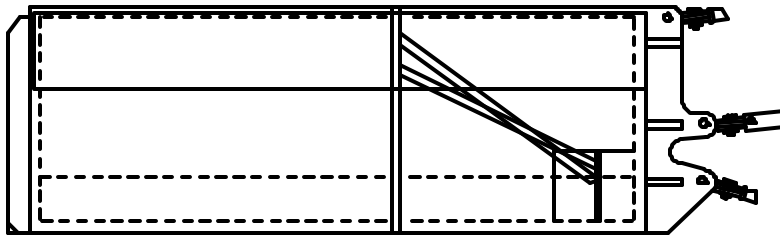
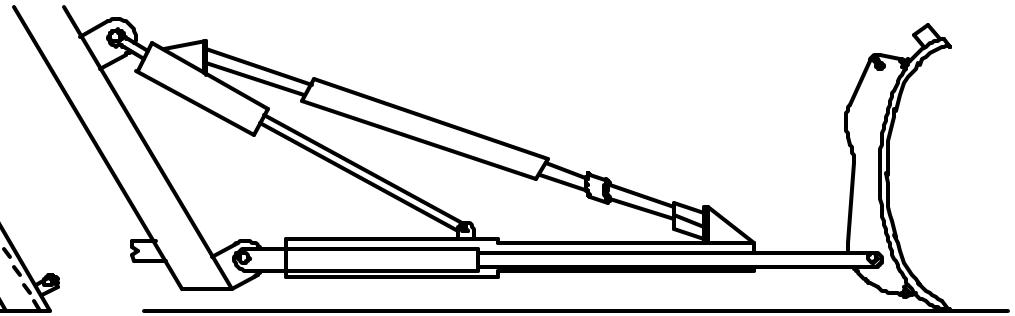
NOTES:

1. SKETCH SHOWS RIGHT WING PLOW MOUNTED ON AN INTERNATIONAL DUMP TRUCK MODEL S-2554 (EQUIPMENT NO. 2064).
2. LEFT PATROL WING SIMILAR EXCEPT OPPOSITE HAND MOUNTING.

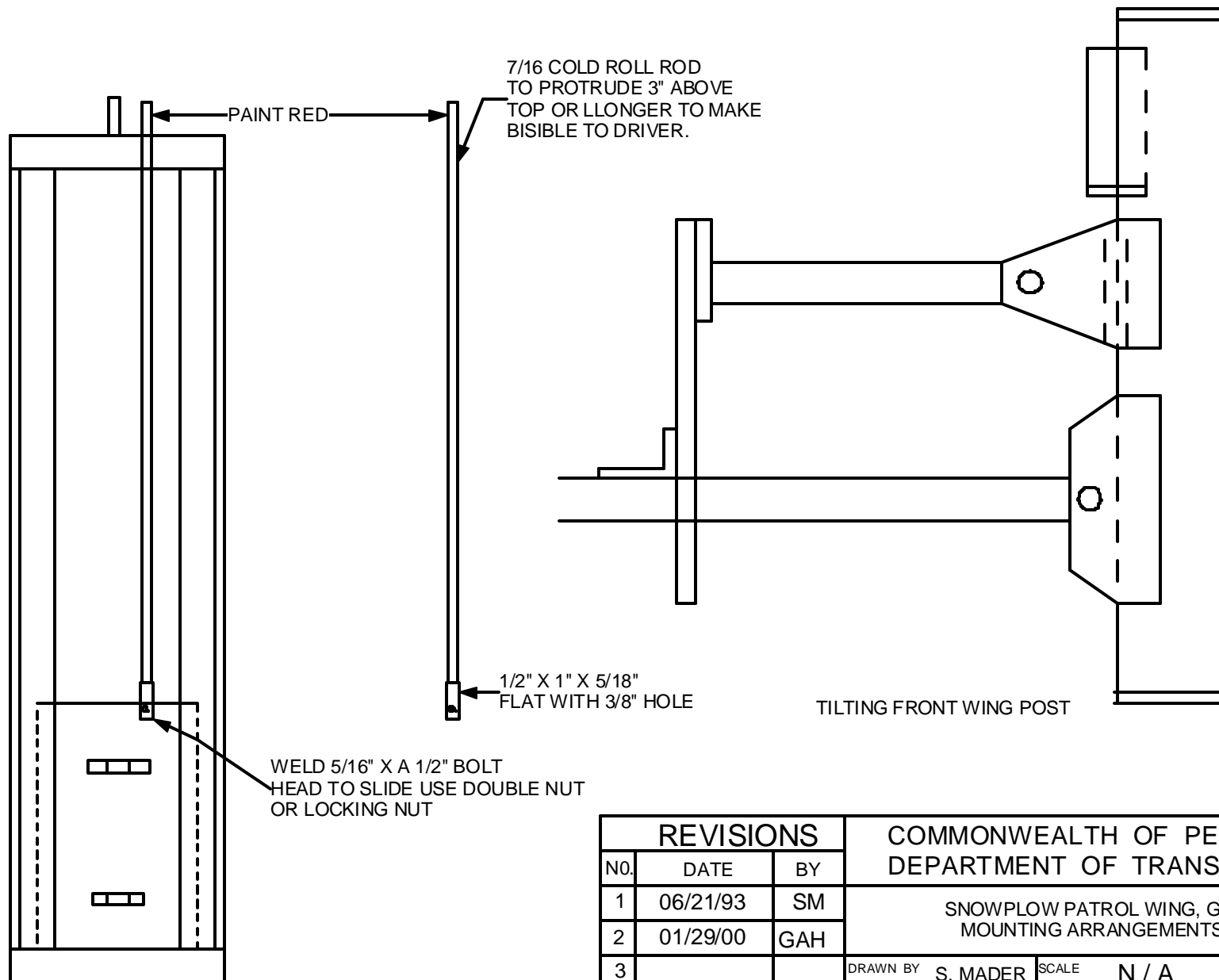
REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	SNOWPLOW PATROL WING, GENERIC, MOUNTING ARRANGEMENTS		
1	06/21/93	SM			
2	01/14/00	GAH			
3			DRAWN BY MELVYN D.	SCALE N / A	MATERIAL
4			CHKD RAR	DATE 03/22/89	DRW NO. EQN-60A
5					SHEET 1 OF 3



DETACHABLE "A" FRAME
(REMOVABLE FOR SUMMER USE)



REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	SNOWPLOW PATROL WING, GENERIC, MOUNTING ARRANGEMENTS		
1	06/21/93	SM			
2	01/27/00	GAH			
3			DRAWN BY MELVYN D.	SCALE N / A	MATERIAL
4			CHKD RAR	DATE 03/22/89	DRW NO. EQN-60A
5					SHEET 2 OF 3



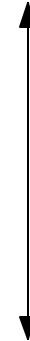
MECHANICAL PATROL WING FRONT POST GUIDE

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION		
NO.	DATE	BY	SNOWPLOW PATROL WING, GENERIC, MOUNTING ARRANGEMENTS		
1	06/21/93	SM			
2	01/29/00	GAH			
3			DRAWN BY S. MADER	SCALE N / A	MATERIAL
4			CHKD RAR	DATE 03/22/89	DRW NO. EQN-60A
5					SHEET 3 OF 3

Passenger Side

Button depressed

Telescope out



Telescope in

Rear of Truck

F & R down

Wing
rear
down

Wing front down

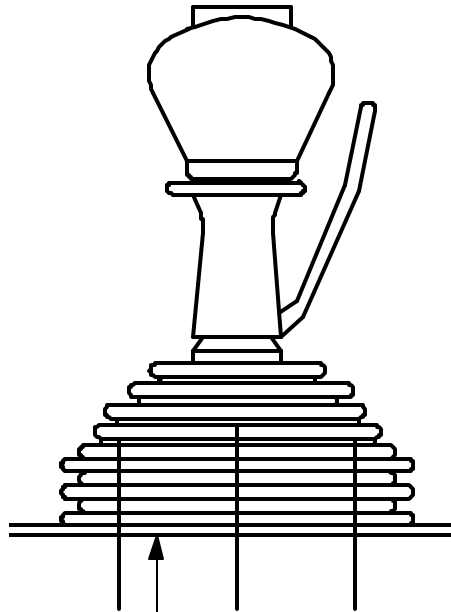
Wing front up

Wing
rear
up

F & R up

Driver's Side

Front of Truck



Electronic WingPlow Joystick
with Functional Switch

REVISIONS			COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION			
NO.	DATE	BY	CONSOLE /PEDESTAL			
1						
2						
3			DRAWN BY	DWG	SCALE	N/A
4			CHK'D	KGK	DATE	06/27/05
5						
			DRW NO. EQN - 95 SHEET 4 OF 5			

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

022700 thru 022920

WINTER CONTROL EQUIPMENT - WING PLOW/S MOUNTED ON DEPARTMENT TRUCK

PLOW WING PATROL – RIGHT, CABLE CONTROL (022700)

PLOW WING, PATROL – RIGHT, WITHOUT TRUCK MOUNTED VALVE SECTIONS & WITH
ELECTRONIC JOYSTICKS (022710)

PLOW WING, PATROL – RIGHT, WITH TRUCK MOUNTED VALVE SECTIONS & ELECTRONIC
JOYSTICKS (022720)

PLOW WING, PATROL – LEFT, CABLE CONTROL (022800)

PLOW, WING, PATROL – LEFT, WITHOUT TRUCK MOUNTED VALVE SECTIONS & WITH
ELECTRONIC JOYSTICKS (022810)

PLOW WING, PATROL – LEFT, WITH TRUCK MOUNTED VALVE SECTIONS & ELECTRONIC
JOYSTICKS (022820)

PLOW WING, PATROL – DUAL, CABLE CONTROL (022900)

PLOW WING, PATROL – DUAL, WITHOUT TRUCK MOUNTED VALVE SECTIONS & WITH
ELECTRONIC JOYSTICKS (022910)

PLOW WING, PATROL – DUAL, WITH TRUCK MOUNTED VALVE SECTIONS & ELECTRONIC
JOYSTICKS (022920)

INDEX

I. GENERAL PLOW SPECIFICATIONS:

- A. Intent Statement
- B. Plow Components
 - 1. Shock Absorbing Rear Wing Brace
 - 2. Front Wing Support, or Front Wing Post
 - 3. Hydraulic Power
 - 4. Snow Leveling Wing
 - 5. Specifications for wing installations on Department trucks
 - 6. Plow Identification
 - 7. Paint
 - 8. Conspicuity Tape
 - 9. Template

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

- II. DRAWINGS
- III. MANUALS
- IV. TRAINING
- V. WARRANTY

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

I. GENERAL PLOW SPECIFICATIONS:

A. INTENT STATEMENT:

NOTE: Pennsylvania Department of General Services, PCID No. 1075, "*General Requirements for Bidding PENNDOT Vehicles/Equipment*", most current version effective at the time and date of bid opening, is included as a part of this specification. PCID No. 1075 may be reviewed and downloaded from the Department of General Services website, <http://www.dgs.state.pa.us>. Delivery as required per Department of General Service PCID NO. 1075 Section "G". All units must be delivered within 180 days after receipt of the purchase order by the successful bidder.

The purpose of these specifications is to describe a full floating patrol wing plow (022700 to 022920) with tripping action and telescoping action mechanism and a capability to lower the assembly in the travel position for improved visibility and to allow emergency egress. It is to be retro-fitted on existing Department dump trucks having a front mounted snow plow weighing approximately 3000 LB.

The Department will deliver the trucks within the Commonwealth to two sites. Northern site will be in Mansfield, the southern site will be the Equipment Division, and these sites will be confirmed at the pre-build meeting. The successful vendor assumes the transportation to and from each site and outside the Commonwealth if necessary.

It shall be the responsibility of the vendor to certify through proper chassis stress analysis the adequacy of the existing truck frames to accommodate the patrol wing plow in combination with a front mounted plow weighing approximately 3000 LB.

The method of mounting the wing, wing posts, re-mounting existing accessories, including but not limited to the hydraulic oil tanks, battery cases, exhaust system, fuel tanks and air tanks shall be equivalent to manufacturer's original mounting standards.

The aforementioned plow will be used for "severe duty" high-speed plowing by the Pennsylvania Department of Transportation. The attached drawings and written text are to be considered minimum and the manufacturer shall reinforce the plow, framing and hydraulic cylinders by means of gussets, or increased material strength or thickness to present a plow designed to meet the severe duty operational setting.

The Patrol Wing shall be designed to be attached or detached independently from the frame assembly. It shall be installed in such a manner as to ensure quick access to the engine and all accessories. (Hood on dump truck shall tilt without obstruction, if applicable.) Vendors shall inspect trucks to ensure an acceptable union between the plow frame and Department vehicles.

All parts not specifically mentioned, which are necessary in order to provide a complete snowplow shall be furnished by the successful bidder. The plow fabrication and assembly shall be to the latest engineering techniques. Fit and assembly shall meet the specification requirements of the American Welding Society D2-O-69 Sub-section 303 (specifications for welding highway and railroad bridges). All welding shall be accomplished by one or a combination of the following processes: gas metal arc, flux cored arc and/or submerged arc welding procedures. Welding workmanship, quality and acceptance of welds will meet AES D2-0-69, Section 3 (entire section). Before welding, all components must be positioned on precision engineered mechanical positioners (jig) in order to assure consistent fit.

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

I. GENERAL PLOW SPECIFICATIONS: (Continued)

A. INTENT STATEMENT: (Continued)

Full welding at high stress areas, full penetration. Other areas shall be welded using a minimum of 12 inch skip welds with a maximum of 4 inch spacing between the skip welding.

All steel unless otherwise specified, shall be hot-rolled steel (HRS) as per ASTM A-36.

When wing assembly is disconnected from the truck, no parts may extend past the body line of the truck.

All bolts shall be grade 8.

B. PLOW COMPONENTS:

1. SHOCK ABSORBING REAR WING BRACE: (Pushing Cylinder)

The rear wing brace shall be a minimum of a single fixed hinge pin type with an adjustable bottom wing brace, or the formed type wing tube support to attach to a single fixed hinge pin.

The rear wing brace shall be equipped with a telescoping arm and an adjustable type tension spring. If required by manufacturer.

The rear wing "A" frame support strut/girder arrangement of MC 7 inch x 22.7 LB/feet, minimum channel, or fabricated from 7 inch x 12.25 LB/feet channel, 6 inch x 8.2 LB/feet channel, .500 in plate, 6 in/15cm x 4 inch x .3750 inch structural tubing and other component pieces. It shall be attached in such a way that the load is properly distributed to both chassis frame rails. "A" frame shall be detachable for summer use. Ref: EQN-60A.

Adjustable trip-spring mounted from wing lift cylinder housing to the back of wing.

The rear brace or pushing cylinder shall be equipped with a 3 inch OD by manufacturer's standard stroke minimum DA cylinder to actuate the telescoping strut with cross-over relief.

Bottom wing brace constructed of 4 inch O.D. square outer tubing with a 3 inch O.D. square inner tube. Wear guides are welded to inner side of 4 inch tube and to the outside of the 3 inch tube to prevent binding.

The tripping spring/eyon rubber compression will be mounted to allow the wing to trip in any of the telescoping positions. The spring/eyon rubber compression shall be adjustable and have a quick release handle to remove tension for detaching the wing. The spring/eyon rubber compression will also be mounted to have tension on the wing in all telescoping positions.

The telescoping strut cylinder shall have incorporated in the hydraulic system an adjustable pressure relief valve for safety, when contacting heavy objects.

2. FRONT WING SUPPORT and FRONT WING POST: (Front-Lifting Cylinder)

Double Acting 3 inch OD x manufacturer's standard stroke minimum wit float and 500 PSI on down side.

Wing mast shall not block the O.E.M. headlight.

I beam 7 inch x 15.3 LB/feet minimum, wing post.

.6250 inch minimum wing post slide lift with 10 inch minimum lift from ground to bottom of plow edge for travel.

Chrome plated piston rods, adjustable chevron type packing, neoprene wipers and bleed screw.

Hydraulic hoses, to SAE 100RZ, 022700, AEROQUIP-195, Hi-Impulse, (no substitute, standardization).

Front wing post and support strut/girder arrangement shall be attached in such a way that the load is properly distributed to both chassis frame rails without the use of bracing tubes.

Support struts shall be 1.250 in diameter schedule 80 ASTM A106 Grade A or B seamless pipe brace,

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

I. GENERAL PLOW SPECIFICATIONS: (Continued)

B. PLOW COMPONENTS: (Continued)

2. FRONT WING SUPPORT and FRONT WING POST: (Front-Lifting Cylinder) (Continued)

minimum of two.

One strut shall be mounted to chassis frame.

One strut shall be mounted to plow frame.

Horizontal support girder 7 inch cross channel or 7 inch ship and car channel at 22.7 LB/feet or tubing 7 inch x 4 inch x .3750 inch.

Bolts shall be minimum grade 8, .6250 inch N.C.

Hinge assembly shall be detachable from the slider assembly of the wing mast.

Formed wing post mounted on cross tube mounted to truck frame members.

Wing slide plate bears on flanged surfaces of formed channel enclosing the double acting cylinder, which provides full power up/down.

Wing Plow Alarm (Mechanical): Wing plow shall have a mechanical alarm system to alert the operator of the position of the plow. It must be visible from the driver's seat. Ref: EQN-60A.

3. REAR WING MAST: (Benching Cylinder)

A 3 inch OD x manufacturer's standard stroke minimum double acting cylinder from rear "A" frame to mold board to raise the rear of the wing and fold the wing close to the truck for transport.

The rear of the wing shall be power hydraulically controlled and attached to tele-strut and quick disconnects, (male, female, cap and plug) which shall be connected to a 7 inch sloped channel located under the dump body and at the rear of the truck cab. The 7 inch channel shall be adequately supported by brackets and cross braces to the truck frame. Bottom bracing shall extend to the rear with bridge type bracing.

4. SNOW LEVELING WING:

The wing assembly shall in no way interfere with the turning of the right or left front tire.

The wing shall be of the 11 feet class overall, 29 inch high at the front and 36 inch high at the discharge end, minimum.

The moldboard shall be fabricated from 0.1719 inch thick (8 USS gauge) minimum steel and weigh a minimum of 755 LBS.

It shall be drilled to accept standard AASHTO spacing as shown on attached drawing EQN-16A sketch attached and equipped with a steel and rubber blade as specified.

a. Rubber Blade:

The patrol wing shall be equipped with a 1.500 inch x 10 inch x 120 inch rubber cutting edge manufactured by Goodyear Tire & Rubber Company or an approved equal, secured to the wing moldboard by .6250 inch grade 8 plow bolts through a .3750 inch x 4 inch steel facing plate. The rubber blade shall be slotted 3.500 inch x .6875 inch to provide adjustment and shall be reversible to provide maximum wear.

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

I. GENERAL PLOW SPECIFICATIONS: (Continued)

B. PLOW COMPONENTS: (Continued)

4. SNOW LEVELING WING: (Continued)

b. Steel Blade:

The cutting edge shall be of .500 inch x 6 inch C1090 steel, at least 10 feet long. Ref: attached plow blade drawing, EQN-16A.

The wing plow shall have two cast wing shoes.

c. Tripping:

The wing shall be of the full tripping type consisting of a special spring-loaded front end. Tripping actuation shall be accomplished through a .8750 inch diameter wire torsion spring at the front end and a tension spring attached to the front and rear of the wing or eyon rubber compression system.

Each spring shall be adjustable and shall automatically return the wing to its normal plowing position after it has passed over the obstruction encountered.

Provision for locking out the tripping action shall be supplied for operations requiring a rigid wing.

5. SPECIFICATIONS FOR WING INSTALLATION ON DEPARTMENT TRUCKS:

The following minimum alterations shall be the responsibility of the successful vendor on Department's dump trucks. To accommodate the retro-fit installation of the patrol wings:

Add two Timbren load booster or active ride control stabilizers.

Relocate accessories, as required.

Brace right/left hand side plate to truck frame as needed.

Add additional steel to side plates to provide increased strength and more substantial mounting for the 7 inch cross channel

One (1) manually adjustable plow storage jack per EQN-60A.

There shall be an electrical circuit to limit float function operation only in the correct joystick position. Function and circuitry to be approved by the Equipment Division at the pre-build meeting.

Wing float to be accomplished using an adjustable time delay circuit. Timing circuit to be actuated by moving the wing control joystick/s to the Y+ position. Timing must be adjustable to allow wing to move to the full down position before float becomes active. Actuating joystick to the Y- position must disengage float circuit.

An indicator light must be provided to show wing is in the float mode.

A rocker switch shall be mounted in the control console or in the add on joystick module to activate or deactivate the wing float circuit.

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

I. GENERAL PLOW SPECIFICATIONS: (Continued)

B. PLOW COMPONENTS: (Continued)

Electronic joysticks, valves and coils shall be utilized for the following codes as described on the front cover of the specification.

022700 or 022800 – Electronic Joystick SG07010051

Add Valve - 3MP18-10/C/LB01P1 (12) ZZ1A/LB01P1 (12) ZZ1A/LB02P1 (12) ZZ1A/Q

022710 or 022810 – Electronic joystick - SG07010050

Add Valve - 3MP18-10/C/LB01P1 (12) ZZ1A/LB01P1 (12) ZZ1A/LB02P1 (12) ZZ1A/Q

022720 or 022820 – Electronic joystick - SG07010050

Existing Valve – Change coils to proportional coils

022900 – Electronic joystick - SG07010050 and SG07010051

Valve – 6MP18-10/C/LB01P1 (12) ZZ1A/LB01P1 (12) ZZ1A/LB02P1 (12) ZZ1A/
LB01P1 (12) ZZ1A/LB01P1 (12) ZZ1A/LB02P1 (12) ZZ1A/Q

022910 - Electronic joystick - SG07010050 and SG07010051

Valve – 6MP18-10/C/LB01P1 (12) ZZ1A/LB01P1 (12) ZZ1A/LB02P1 (12) ZZ1A/
LB01P1 (12) ZZ1A/LB01P1 (12) ZZ1A/LB02P1 (12) ZZ1A/Q

022920 - Electronic joystick - SG07010050 and SG07010051

Add Valve - 3MP18-10/C/LB01P1 (12) ZZ1A/LB01P1 (12) ZZ1A/LB02P1 (12) ZZ1A/Q
Existing Valve – Change coils to proportional coils

Joysticks shall be wired per EQN-95 NO EXCEPTIONS

All hydraulic hose connections shall be wing type screw on connector sized accordingly.
All additional valves shall be Rexroth (no substitute).

NOTE: The successful vendor shall ensure compatibility of hydraulic valves and control cables/linkage, regardless of the type of system.

Vendors may inspect Department trucks to verify additional items as needed.

6. PLOW IDENTIFICATION:

Each unit shall bear the manufacturer's model number, serial number and weight affixed to the plow, by means of a permanently affixed non-rusting metallic tag located on the right hand backside of the moldboard as viewed from truck operator's seat.

7. PAINT:

Color: PENNDOT yellow, DuPont 6808 for shade only. All metal surfaces shall be cleaned prior to primer and final painting.

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

I. GENERAL PLOW SPECIFICATIONS: (Continued)

B. PLOW COMPONENTS: (Continued)

8. CONSPICUITY TAPE:

The rear of the wing plow shall have a strip of retro-reflective sheeting across the top and down the outside in order to outline the plow when viewed from the rear. Material shall be: 2 inch wide Reflexite Conspicuity II System or 3M Scotchlite Conspicuity Series 980, red/silver continuous backing.

9. TEMPLATE:

The successful vendor shall provide a metal template of the moldboard contour, including cutting edge cut out with each pilot.

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

II. DRAWINGS:

EQN-16A	dated	Rev. 09-07-06	3 sheets	SNOW PLOW CUTTING EDGE
EQN-60A	dated	Rev. 01-29-00	3 sheets	SNOW PLOW PATROL WING GENERIC, MOUNTING ARRANGEMENT
EQN-95	dated	Rev. 06-27-05	Sheet 4 of 5	CONSOLE/PEDESTAL

The above referenced drawings shall become part of these specifications.

These drawings reflect the intent of the Department and any discrepancies shall be resolved at the line setting ticket meeting between the vendor and the Chief of Equipment Division.

DRAWINGS APPEAR AT THE END OF THE SPECIFICATIONS.

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

III. MANUALS:

The successful vendor shall furnish all applicable manuals per unit:

- 1 Operator's
- 1 Parts
- 1 Service
- 1 Engine
- 1 Transmission (Automatic or Manual)
- 1 Body and Sub-frame (Parts and Service)
- 1 Complete set of manuals for any additional items/equipment added to a piece of equipment.

The manuals listed shall be official O.E.M. publications supplemented with technical manuals for all components as published by sub-vendors/manufacturers.

Parts Manual presented must be a relative to "all" items utilized to build these units, with appropriate part numbers.

Delivery of these manuals shall be completed within a maximum of 90 days after the pilot model is accepted.

Manuals may be supplied on CD Disc in lieu of paper manuals.

SPECIFICATIONS
B-47-DT-N-G2 (Right)
B-47-CL-N-G2 (Left)

IV. TRAINING:

Mechanic:

The successful vendor shall provide services of qualified factory trained technicians for not more than _____ training sessions of not more than _____ hours at _____ PENNDOT locations to train personnel for in-depth preventive maintenance, overhaul and review of the proper usage of parts and service manuals, as well as component/system adjustments that need to be monitored at specified service intervals.

Operator:

The successful vendor shall provide services of qualified factory trained technicians for not more than _____ training sessions of not more than _____ hours at _____ PENNDOT locations to train personnel in the proper operation, safety and servicing of the equipment.

The successful vendor shall submit a training plan to the Equipment Division for approval within 45 days after receipt of the Purchase Order. The training plan shall consist of course outline and class schedule.

All training must be completed within 60 days after the dates established in the approved training plan unless an extension is mutually agreed to in writing by the Chief of the Equipment Division.

All training shall be coordinated with the District Equipment Managers, with the exception of Asphalt related training, which must be coordinated with the Statewide Training Coordinator (717) 787-4836, Fax (717) 783-4438.

V. WARRANTY:

Per PCID No. 1075

Contract Reference Number: 2540-02
Collective Number: CN00025672
Change Number: 1
Change Effective Date: 17 August 2007

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG**

For: All using Agencies of the Commonwealth
Subject: Snow Plows (PA-DOT Spec'ed)
Contract Period: Beginning 01 July 2007 and Ending 30 June 2009
Commodity Specialist Name: Richard Woodworth (YJ1) – 717-787-4103

CHANGE SUMMARY: Contract Corrections

In regards to Contract #4400000510 with Somerset Welding & Steel Inc / J&J Truck Equipment, the following corrections are being made:

1. Pricing for the Henke Plow Model #38R10J Poly – Reversible “J” Moldboard w/poly” unit with “PA-DOT SPEC'D UNIT PRICE (REF. ATTACHMENT #1) (With OEM's Normal Paint Color - Ref Item #2 of the Attachment #1)” should be \$6,597.00 (not \$9,597.00 as originally shown on the “Snow Plow Contract Reference Sheet”).
2. For Henke “Plow Wing Patrol -- Right, Cable Control, pursuant to specification 022700, dated March 15, 2007 (DMA)” the actual Part Number should be “PW10' – PA-05” rather than PS10' – PA05 as originally shown on the “Snow Plow Contract Reference Sheet”).

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.

SPECIAL CONTRACT TERMS AND CONDITIONS (REVISION #1)

CONTRACT SCOPE/OVERVIEW:

Contract No. CN00025672 (Legacy Contract #2540-02) will cover the requirements for all using Commonwealth agencies for the Snow Plows cited in the "Contract Reference Sheets" (both for Plow Wings and Plows) document.

ORDER OF PRECEDENCE:

These Special Contract Terms and Conditions supplement the Standard Contract Terms and Conditions for Statewide Contracts for Supplies. To the extent that these Special Contract Terms and Conditions conflict with the Standard Contract Terms and Conditions for Statewide Contracts for Supplies, these Special Contract Terms and Conditions shall prevail.

TERM OF CONTRACT:

The Contract shall commence on the Effective Date which shall be no earlier than July 1, 2007 and expire two (2) calendar years after contract Effective Date.

SECURITY:

No security is required for this project.

AWARDS:

- Regarding Line Items #1 thru #9: A multiple group award may be made for each manufacturer's line that a bid is received for with a single award being made to the lowest responsible, responsive bidder for that particular manufacturer's brand.
- Regarding Remaining Line Items: To be awarded on a line-by-line basis with award being made to the low responsive, responsible bidder.

SPECIFICATIONS and NOTES:

- PA-DOT SPEC'ED UNITS = All PA-DOT Spec'ed units to be provided will be the manufacturer's standard unit along with requirements shown in Attachment #1 to this bid document.

NOTES IN REGARD TO ATTACHMENT #1 (for COSTAR Purposes):

Regarding Item #1 & #6 – In the event that the ordering entity does not have the same "plow frame" as currently used by PA-DOT, the ordering entity may negotiate with the Contractor for necessary "plow hitch" and "hitch swivel" assembly required. The price of the plow should be as shown on the contract with any extra for alternate "plow hitch & swivel" shown separately.

Regarding Item #3 – In the event that the ordering entity does not require the "carbide cutting edge", as on the PA-DOT plow requirements, the ordering entity may request plow without the "carbide cutting edge" and

may negotiate with the contractor for a reduced price from the contract price.

- All items provided shall be latest model year only.
- Manufacturer's model number changes/revisions will be acceptable so long as price remains as awarded for that line item. If unable to maintain price, that line item will be terminated from the contract, as well as any renewal periods.
- The contractor(s) may meet with Department of Transportation (PA-DOT) representatives, prior to placing an order with the factory, to verify technical information and components included in their bid proposal that will be used in the production of the unit(s).
- The contractor(s) shall submit to PA-DOT, on a continuing basis, all service bulletins and technical letters, as regularly issued by a manufacturer to dealers or large fleets. All relevant information shall be supplied for the unit(s) bid to the Commonwealth to inform PA-DOT of any improvements, changes and/or problems concerning the unit and its component parts. This information shall be addressed to: Pennsylvania Department of Transportation, Equipment Division, 17th Street & Arsenal Blvd., Harrisburg, PA 17120, Attn: Chief, Equipment Division.
- PA-DOT reserves the right to have its representative(s) periodically inspect each unit during assembly at the contractor's assembly point.
- The contractor(s) shall furnish one "Operator's" manual and one "Parts" manual with each unit supplied. Information on plow-attach-angles and recommended hitch heights shall be provided in the manuals. The manuals shall be "official" OEM publications supplemented with technical manuals for all components, as published by sub-vendors/manufacturers. "Parts" manual must be relative to all items utilized to build the unit, with appropriate part numbers. All drawings and pictorials shall reflect the PA-DOT components. All manuals shall have the plow serial number on the cover.

WARRANTY:

Warranty on all parts will be for minimum one (1) calendar year or manufacturer's standard commercial term (which ever is greater), from date of acceptance. If the manufacturer neglects or fails to correct defect(s) during the warranty period, their responsibility shall continue until such time as it takes to correct the defect(s). The manufacturer is expected to respond to warranty problems and administrate effective solutions in the best interest of the Commonwealth.

MANUALS:

The following manuals shall be supplied with each unit delivered to the ordering agency -

- One (1) Operators
- One (1) Parts
- One (1) Service
- The manuals listed shall be OEM publications supplemented with technical manuals for all components as published by sub-vendors.

- Manuals on CD Disc or online at manufacturer's website may be supplied in lieu of paper manuals.

DELIVERY:

The contractor must deliver all units within one-hundred eighty (180) calendar days for the "Wing Plows" (Reference Section "A" of the Item Sheets) and 90 calendar days for all other items (Reference Section "B" of the Item Sheets) after receipt of a purchase order. It shall be assumed by the parties that the contractor received the purchase order on the third business day following the day on the purchase order, unless the contractor provides credible evidence that the order was received on a later date.

SHIPPING:

Shipping shall be in accordance with normal industry standards and at FOB Destination terms. The contractor may add and prepay shipping costs, BUT this cost and action must be made known IN WRITING to the ordering agency PRIOR TO the contractor accepting and processing any such purchase order against the contract.

NOTE OF UNDERSTANDING: Shipping: It is to be understood that "FOB Destination" shall mean that the ownership of any item will not pass to the ordering agency customer until such time that the items have been delivered to and formally accepted by the ordering agency's authorized receiving personnel.

The only costs to be incurred in any delivery shall only be those agreed to and shown on the original purchase order.

MINIMUM ORDER:

The minimum order qualifying for F.O.B. Destination delivered prices shall be one (1) unit. (It is understood that prices bid & awarded are at FOB Destination delivered pricing that includes all delivery, shipping & handling, and set-up charges to the ordering agency's location, as stated in the Purchase Order).

OPTION FOR SEPARATE COMPETITIVE BIDDING PROCEDURE:

The Department of General Services reserves the right to purchase supplies covered under this Contract through a separate competitive bidding procedure, among the current contractors, whenever the department deems it to be in the best interest of the Commonwealth. The right will generally be exercised only when a specific need for a large quantity of the supply exists or the price offered is significantly lower than the Contract price.

OPTION TO EXTEND:

The Department of General Services reserves the right, upon notice to the Contractor, to extend the Contract or any part of the Contract for up to three (3) months upon the same terms and conditions. This will be utilized to prevent a lapse in Contract coverage and only for the time necessary, up to three (3) months, to enter into a new contract.

OPTION TO RENEW:

The contract or any part of the contract may be renewed for an additional one (1) year term, by mutual agreement between the Commonwealth and the Contractor(s). If the Contract is

renewed, the same terms and conditions shall apply. Such renewals shall be limited to three (3) one (1) year terms. (ie. Initial two {2} year period + three {3} one {1} year renewal periods = five {5} years Total).

ECONOMIC PRICE ADJUSTMENT:

- Base Line: As used in this clause, "Established Price" is understood to mean the pricing which is initially bid and awarded from this bid invitation. The Contractor warrants that the unit price stated for the contract line items, awarded to them, is not in excess of the Manufacturer's established list price in effect on the date set for opening of bids. This price is the net price after applying any applicable standard trade discounts offered by the Contractor from their catalog, list, or schedule price. All contract prices shall be firm against modification for 365 calendar days from the effective date of the contract.
- Decrease to Contract Price: At the end of the first calendar year of the contract (and any renewal period there after), the Contractor shall promptly notify the Department of General Services, Bureau of Procurement, of the amount and the effective date of each decrease in any established price. The decreased price shall apply to all items delivered on or after the effective date of the decrease in the Contractor's established price.
- Increase to Contract Price: At the end of the first calendar year of the contract (and any renewal period there after), the Contractor may submit a request, in writing, to the Department of General Services, Bureau of Procurement, for price adjustment. This request must include all applicable valid documentation supporting the Contractor's request for price adjustment. The Commonwealth reserves the right to accept or reject the requested adjustment. The Commonwealth also reserves the right to cancel the contract.
- Acceptance/rejection/cancellation action by the Commonwealth shall occur not later than fifteen (15) business days after receipt by the Department of General Services, Bureau of Procurement of a properly documented request for price adjustment. Any adjustment, that is accepted, shall become effective not later than thirty (30) calendar days after the expiration of the original fifteen (15) business day period reserved to evaluate the request for increase. The adjusted contract unit price shall not apply to quantities that were scheduled for delivery before the effective date of the adjusted contract unit price.
- Invoicing & Payment Amounts: It shall be understood that orders will be invoiced at the applicable contract price in effect on the date that the order is placed.

COSTARS Purchasers. Section 1902 of Act 57 of May 15, 1998, as amended by Act 142 of December 3, 2002, 62 Pa.C.S, Section 1902, authorizes local public procurement units and state-affiliated entities (together, "COSTARS Purchasers") within the Commonwealth of Pennsylvania to participate in Commonwealth contracts for supplies, services, or construction that the Department of General Services ("DGS") chooses to make available to COSTARS Purchasers. DGS has identified this Contract as a contract that will be made available for COSTARS Purchasers.

- a. A "local public procurement unit" is defined as:
 - Any political subdivision;
 - Any public authority;

- Any tax exempt, nonprofit educational or public health institution or organization;
- Any nonprofit fire, rescue, or ambulance company; and
- To the extent provided by law, any other entity, including a council of governments or an area government that expends public funds for the procurement of supplies, services, and construction.

A state-affiliated entity is a Commonwealth authority or other Commonwealth entity that is not a Commonwealth agency.

b. Only those COSTARS Purchasers registered with DGS may purchase from a DGS contract. Any qualified entity not presently registered and wishing to participate in the COSTARS Program may register at any time by either completing a one-time, online registration on the DGS COSTARS Website at www.dgs.state.pa.us/costars or completing and returning a one-time Registration Form to the address below. Currently, there are several thousand registered COSTARS Purchasers. To view a list of the registered entities, please visit the website.

c. COSTARS Purchasers have the option to purchase from a DGS Statewide Contract with awarded contractor(s) for Commonwealth agencies' use, from any DGS cooperative procurement contract established exclusively for COSTARS Purchasers in accordance with the requirements of Act 77 of 2004, amending Section 1902 of the Commonwealth Procurement Code, 62 Pa.C.S. § 1902, or from their own procurement contracts established in accordance with the applicable laws governing such procurements. The Contractor understands and acknowledges that there is no guarantee that any prospective COSTARS Purchaser will place an order under this Contract, and that it is within the sole discretion of the registered COSTARS Purchaser whether to procure from this Contract or to use another procurement vehicle.

d. Registered COSTARS Purchasers electing to participate in this Contract will order items directly from the Contractor and be responsible for payment directly to the Contractor.

Third Party Beneficiaries. DGS is acting as a facilitator for COSTARS Purchasers who may wish to purchase under this Contract. Registered COSTARS Purchasers who elect to participate in this contract and issue orders to the contractor(s) are third party beneficiaries who have the right to sue and be sued for breach of the contract without joining the Commonwealth or DGS as a party.

Quarterly Sales Report. The Contractor shall furnish to the DGS COSTARS Program Office an electronic contract use report, preferably in Excel spreadsheet form, no later than the fifteenth calendar day after each quarter in the contract period, detailing the Contract purchasing activity._

a. send the reports on compact disc via US Postal Service to the address below.

b. On each report, the Contractor shall include the Contractor's name and address, the Contract number, and the period covered by the report. The Contractor should list as much as the following information as possible on the report for each order received:

- Registered COSTARS Purchaser
- Material Code (UNSPSC)
- Item Description
- Quantity
- Unit Price

- Total Price
- Delivery Date

c. Failure to provide the Quarterly Sales Report in the specified time may result in suspension of activities with the COSTARS Program.

Inquiries. Additional information regarding the COSTARS Program is available on the DGS COSTARS Website at www.dgs.state.pa.us/costars. Direct all questions concerning the COSTARS Program to:

Commonwealth of Pennsylvania
Department of General Services
COSTARS Program
555 Walnut Street, 6th Floor
Harrisburg, PA 17101

Telephone: 1-866-768-7827
E-mail GS-PACostars@state.pa.us

INQUIRIES:

Direct all inquiries to the following

Richard H. Woodworth (YJ1)
Department of General Services
Bureau of Procurement
Forum Place, 6th Floor
555 Walnut Street
Harrisburg, PA 17101-1914

Telephone: 717-787-4103

FAX: 717-783-6241

E-Mail: rwoodworth@state.pa.us