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# Maintenance Equipment Lighting Manual



September 1980

17-T68MA  
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Maintenance Equipment Lighting Charts

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IOWA DEPARTMENT OF TRANSPORTATION  
Highway Division  
Ames, Iowa

MAINTENANCE EQUIPMENT LIGHTING CHARTS

GENERAL

Attached are charts of equipment showing the lights, reflectors and flags required. Use these charts to check your equipment and change, add to, or remove as necessary so they conform to the information shown.

Please note the following:

These charts are to be regarded as minimum general requirements. Additional lighting may be required on some equipment for special applications. Requests for special lighting should be cleared through the District Mechanic.

All equipment used on the road, except mowers and equipment used only in signed work areas, must have turn signals visible front and rear. If towed equipment obscures these turn signals and stop light then these obscured lights must be displayed on the trailed equipment.

The charts show the approximate location and number of lights required. In some cases a combination tail, stop, turn and license light may be satisfactory where the sketch shows them separately. Clearance lights must be to the outside limits of width and show to the side as well as to either the front or rear. A slightly different position or arrangement of lights and reflectors will be satisfactory provided the required number and general location of lights and reflectors are used.

All equipment should have an Iowa Department of Transportation standard decal on both sides, unless there is insufficient area on which to place the standard decal. In those exceptional cases a rectangular decal may be requisitioned from the Office of Purchasing and Inventory.

In some cases it may be necessary to refer to two charts for complete lighting information. For instance, a "V" snow plow is shown mounted on a L.D. truck so if a "V" plow is mounted on a H.D. truck, it is necessary to refer to two charts for the combination.

Flags on some equipment must be lowered before driving into the garage. Flags are to be at the height shown in the charts and in good condition.

All red and amber reflectors shall be mounted not less than 20 inches or more than 42 inches above ground.

Rotating amber beacons are authorized on all pickups used for maintenance purposes. The beacon must be mounted on a staff fastened to the box or on car-top carriers. No holes will be drilled in the cab for mounting the rotating beacon. The foreman has the option of using the rotating beacon or the 6" rear facing flasher.

Strobe lights may be used on mowers in lieu of flashing lights. Either is legal.

Any flags shown on lighting charts as "red" may be either red or fluorescent orange, except that the law requires a red flag (not orange) on projecting loads.

#### ROTATING AMBER BEACONS & SLOW MOVING VEHICLE EMBLEM

Any vehicle operated on the highway at less than 25 M.P.H. shall be equipped with at least one rotating amber beacon and a slow moving vehicle emblem.

The slow moving vehicle emblem shall be mounted point up at the rear of the vehicle, unobscured, at least two feet above the ground measured from the lower edge of the emblem.

The rotating amber beacon shall be visible front and rear, at least 42" high as measured to the lamp axis, and shall flash at least 60 F.P.M. but not more than 120 F.P.M. If more than one rotating amber beacon is used, they shall be mounted at the same level, as widely spaced as practicable and shall flash in unison.

## BUMPERS

Rear bumpers on trucks are required whenever the distance between the ground and the bottom of the truck exceeds 30" and the distance between the back of the truck and any device underneath the bed of the truck is greater than 24".

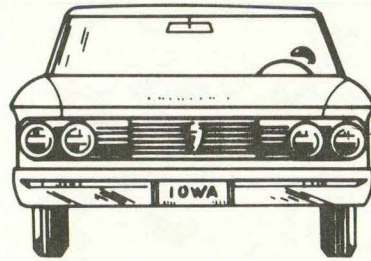
## LICENSE PLATES

Every vehicle operating on the public highways must have license plates displayed. Motor vehicles must have plates front and rear. Trailers have one plate only, mounted at the rear of the vehicle.

Exceptions to the requirement to display license plates are sign trailers, motor graders, crawler tractors, tractor mowers and rollers.

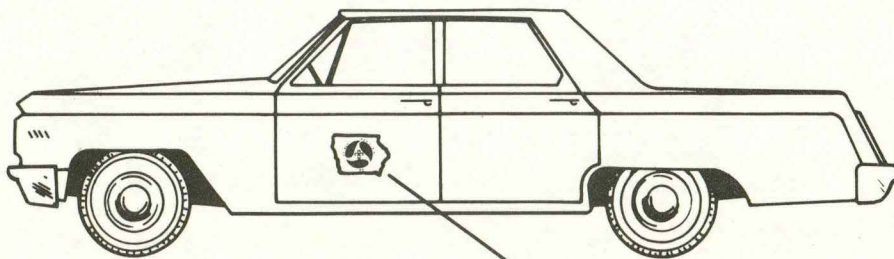
# Lighting Chart

## AUTOMOBILE



Standard Lighting Throughout

FRONT VIEW

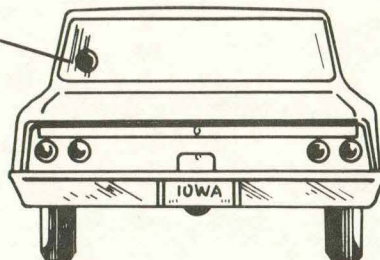


D.O.T. Decal on Both Front Doors

SIDE VIEW

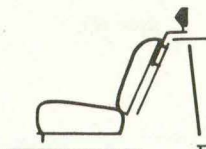
6" Amber Flasher  
Showing to Rear  
(optional)

Car Top



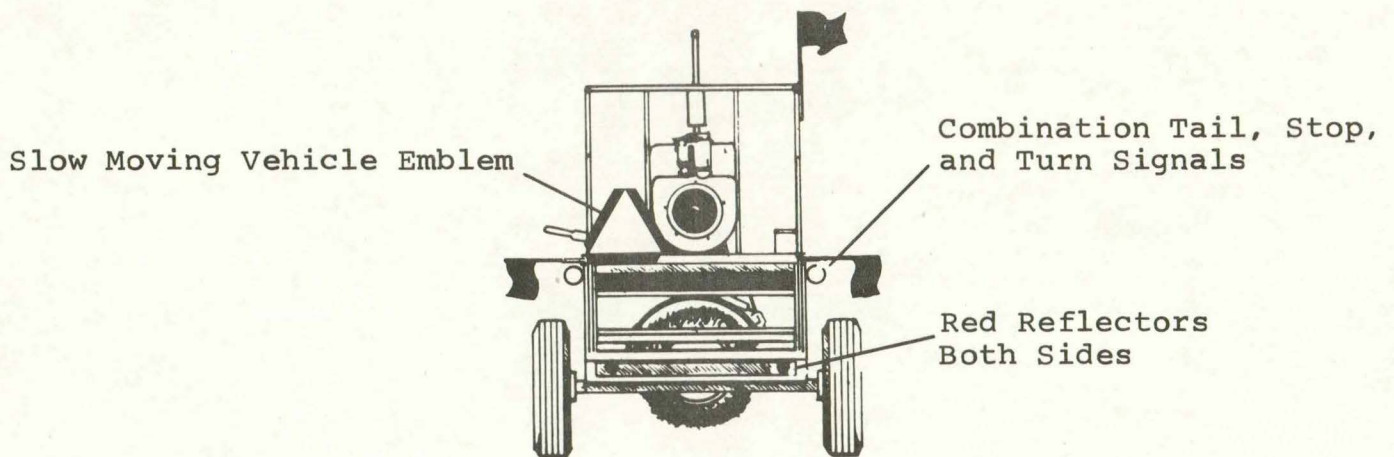
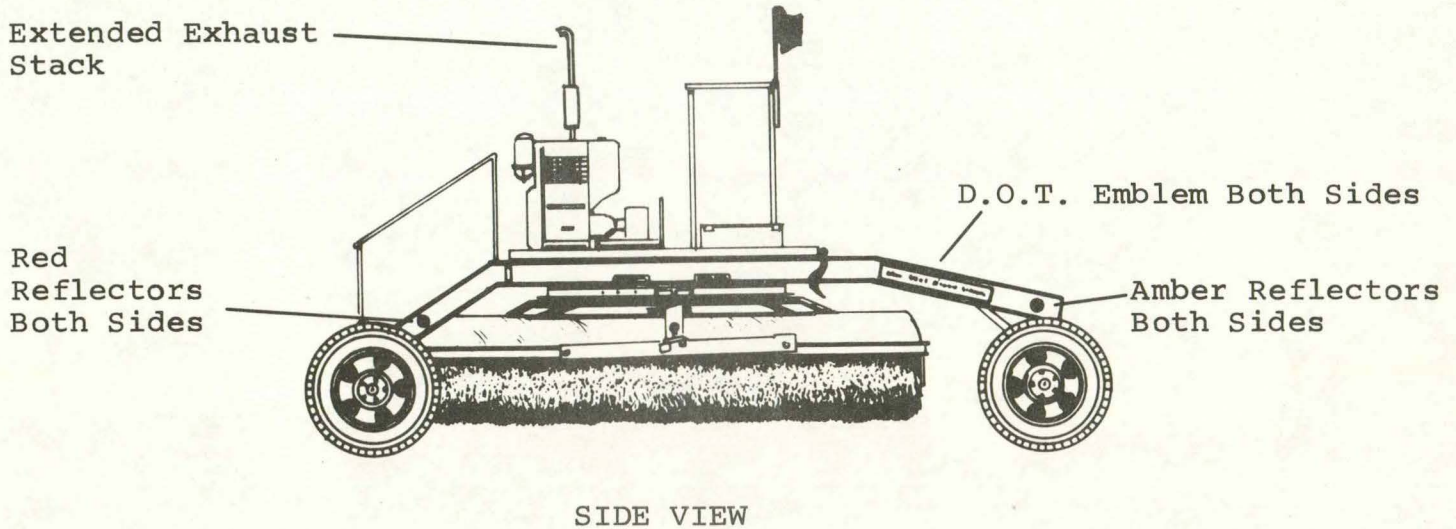
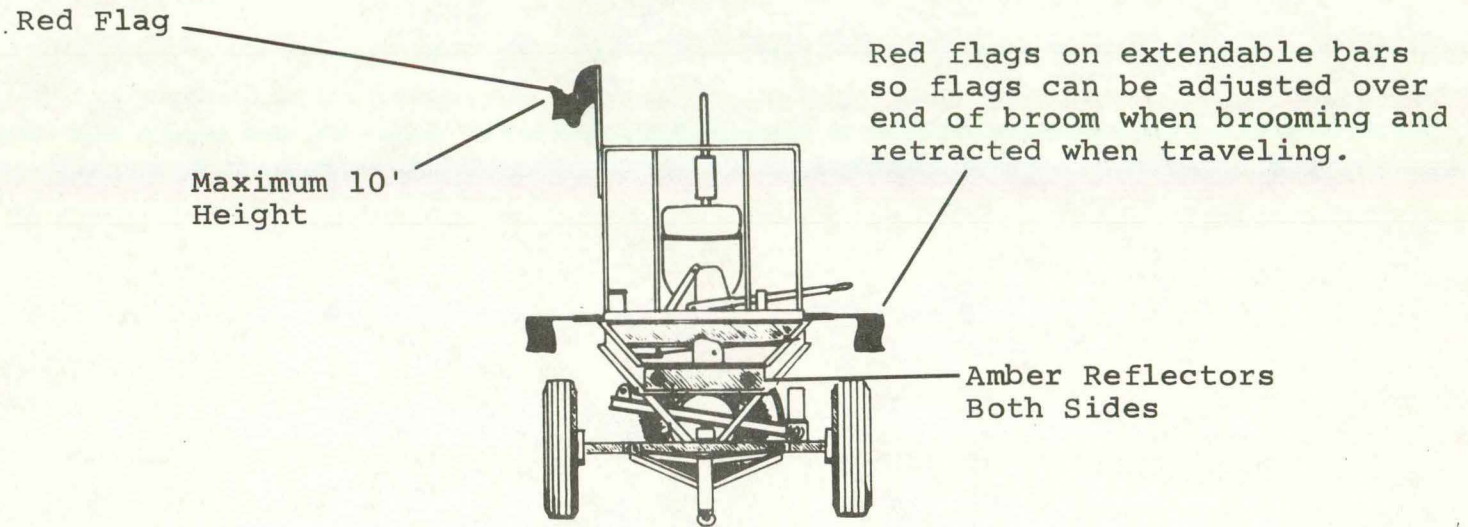
REAR VIEW

Rear Window



Bolt here not on top of  
rear seat ledge

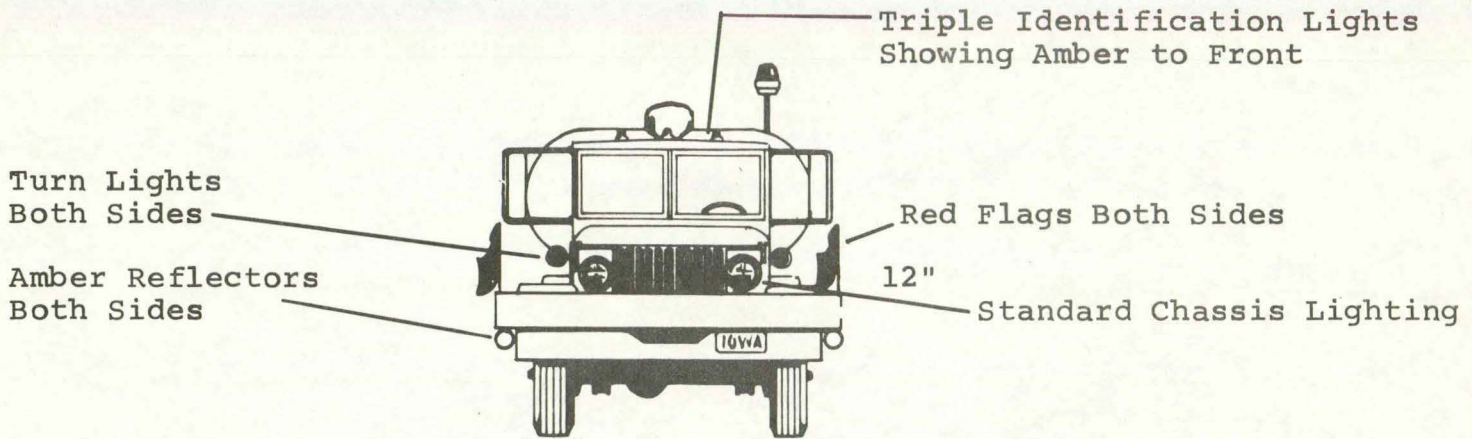
Lighting Chart  
BROOM - PULL TYPE



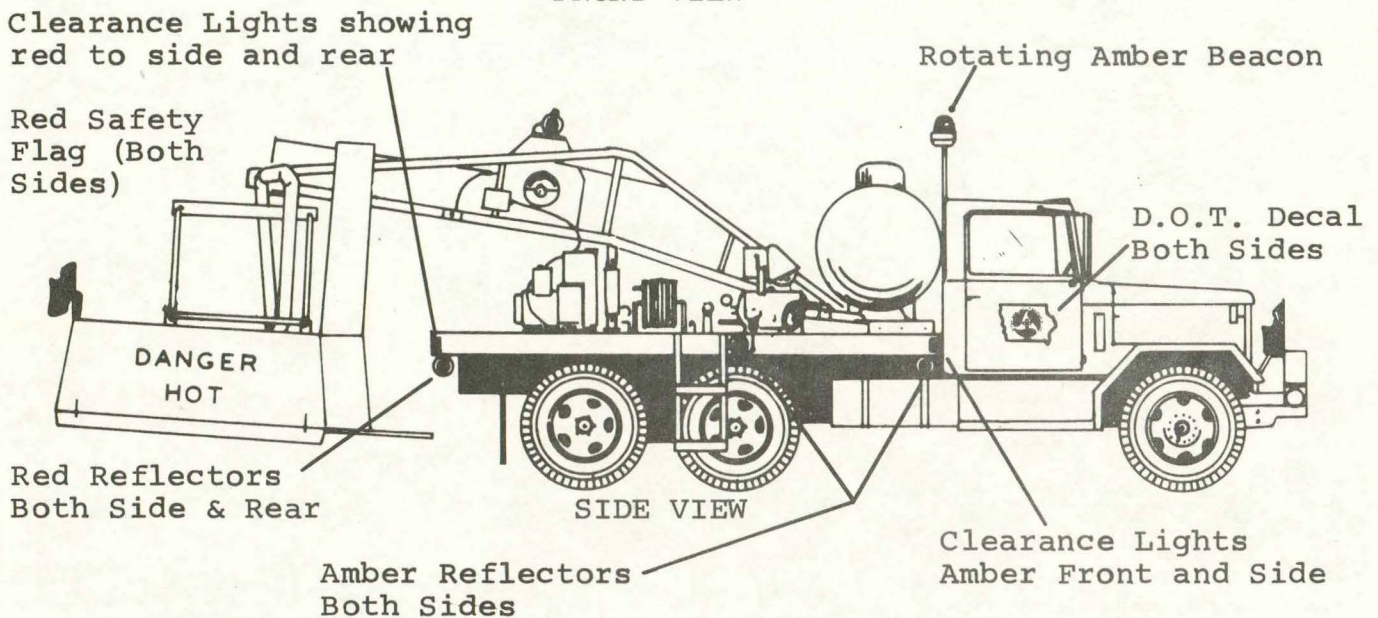
Note: Red Reflectors mounted not less than 20" or more than 42" above ground.



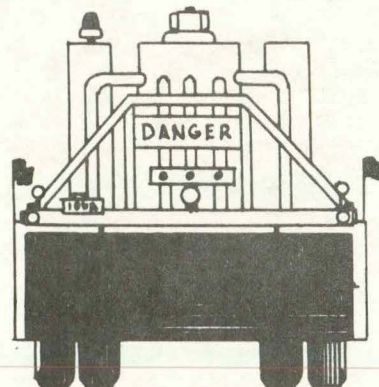
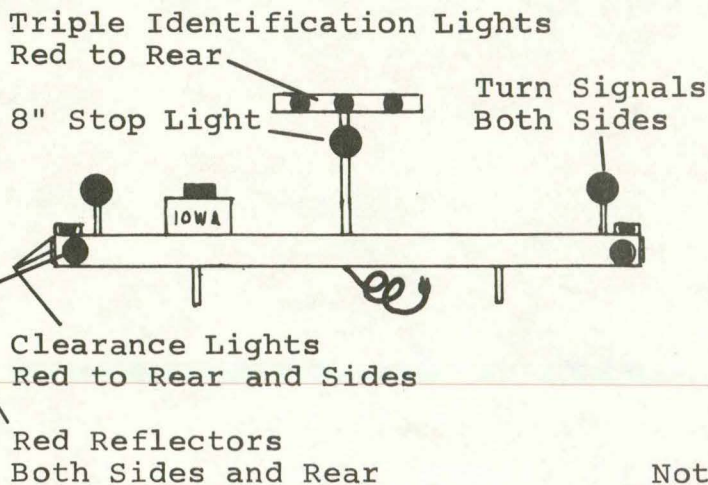
Lighting Chart  
PAVEMENT BURNER



FRONT VIEW



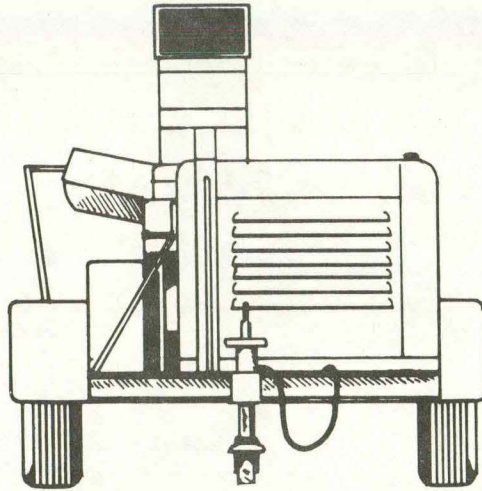
SIDE VIEW



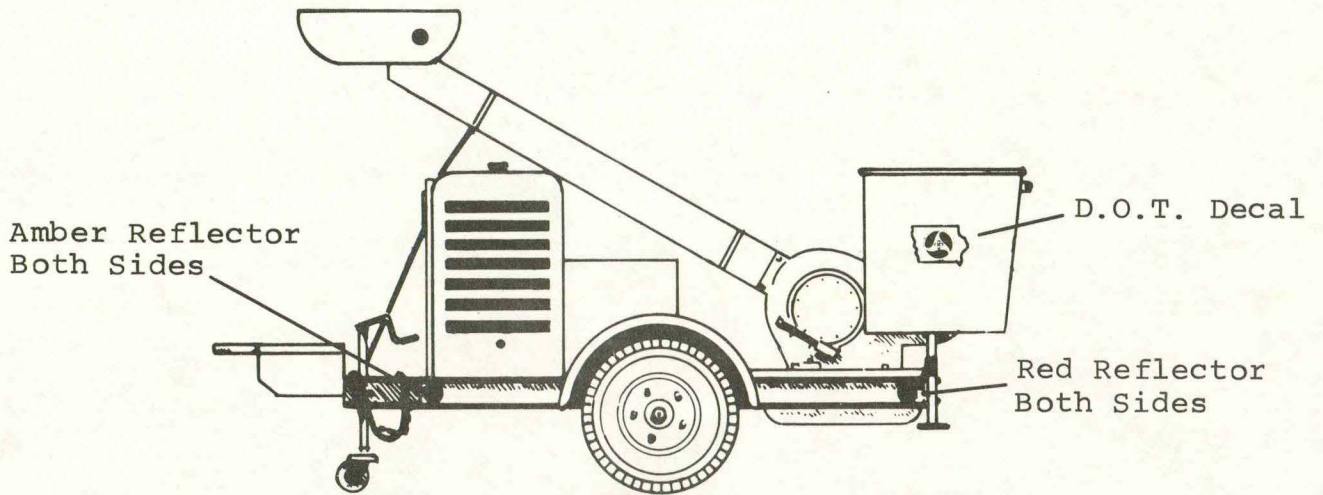
REAR VIEW

Note: Lighting assembly to be placed on back edge of burner hood. For transport only. (Remove when using burners)

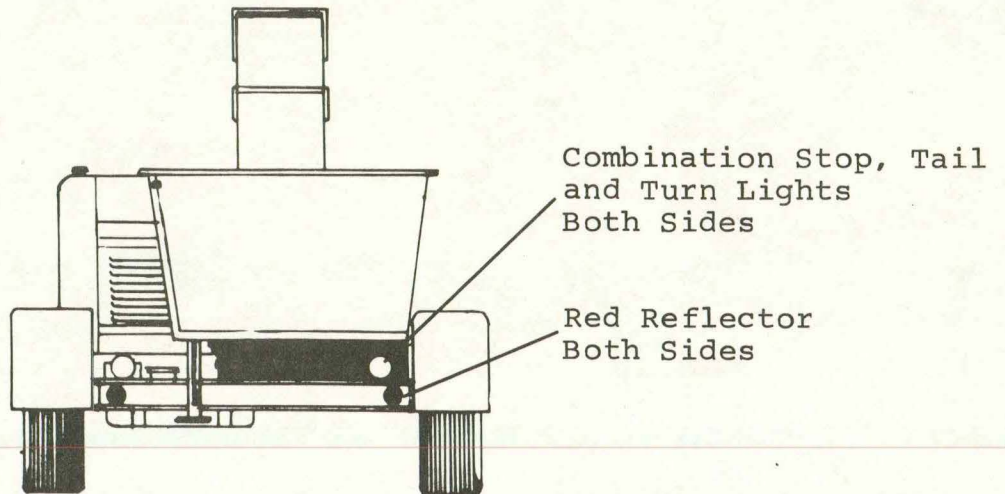
BRUSH CHIPPER



FRONT VIEW



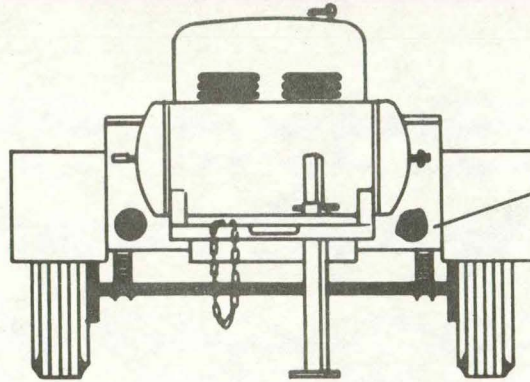
SIDE VIEW



REAR VIEW

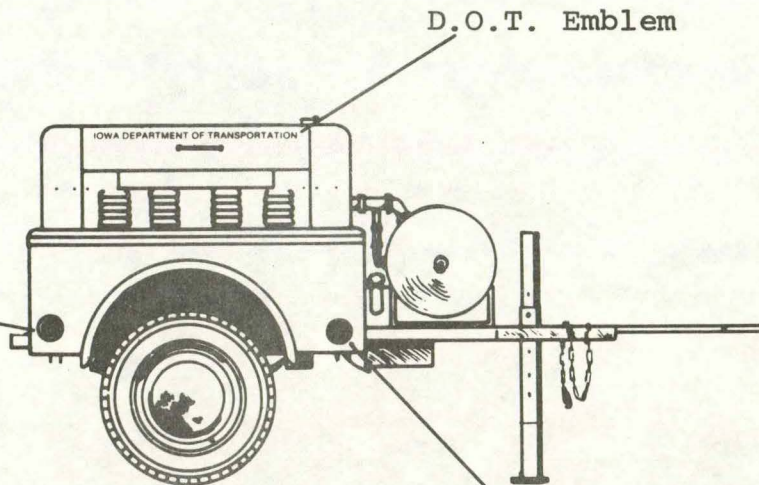
Lighting Chart

COMPRESSOR - TWO WHEEL - PULL TYPE



Amber Reflectors  
Both Sides

FRONT VIEW

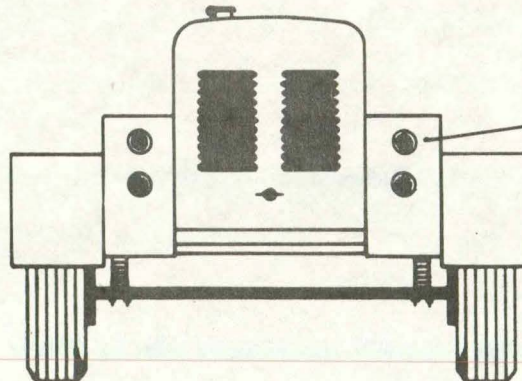


D.O.T. Emblem

Red Reflectors  
Both Sides

Amber Reflectors  
Both Sides

SIDE VIEW



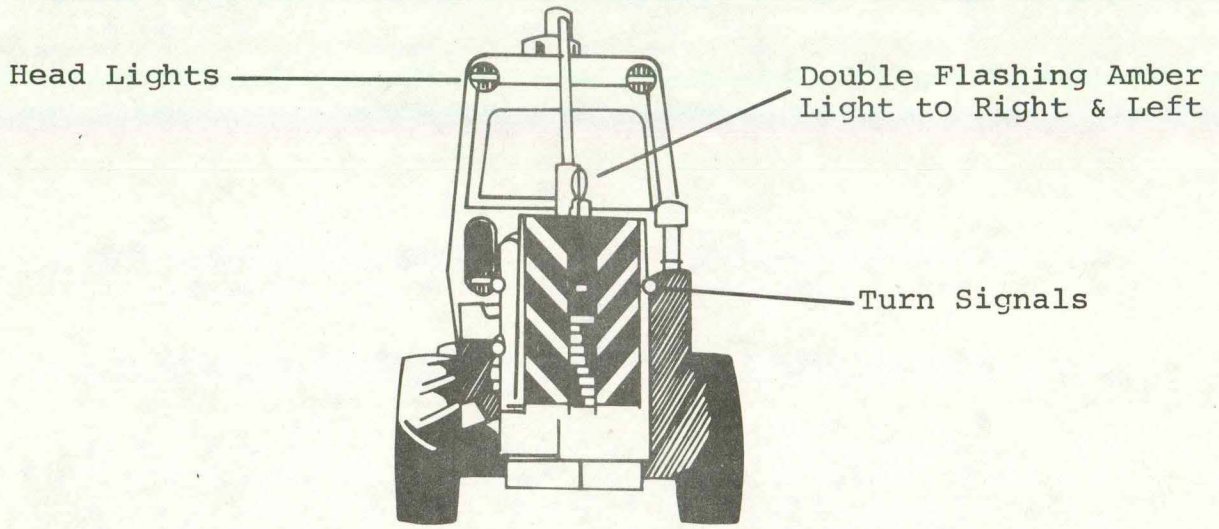
Combination Stop  
and Turn Lights  
Both Sides

REAR VIEW

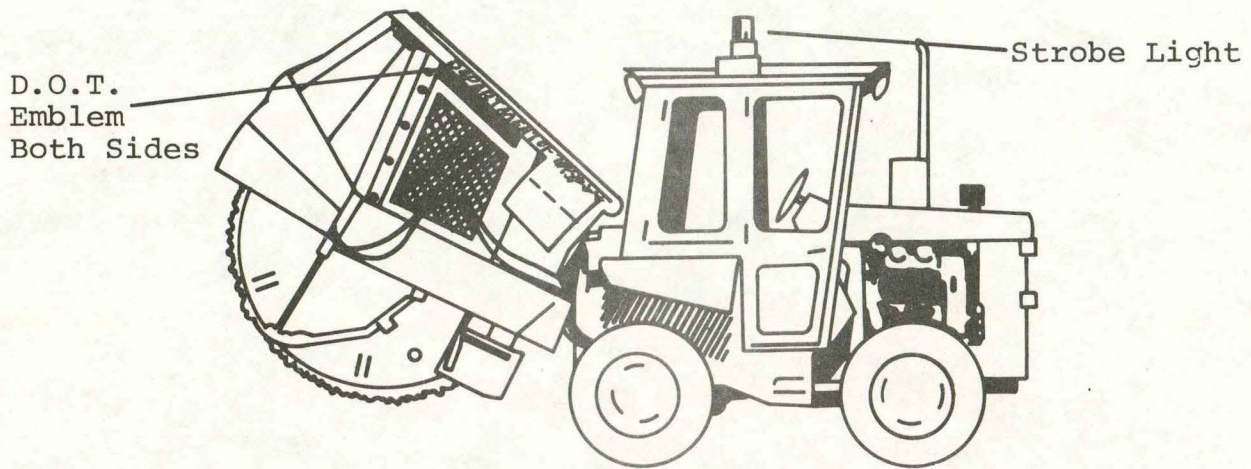
LIGHTING CHART

Revised: 9-1-80

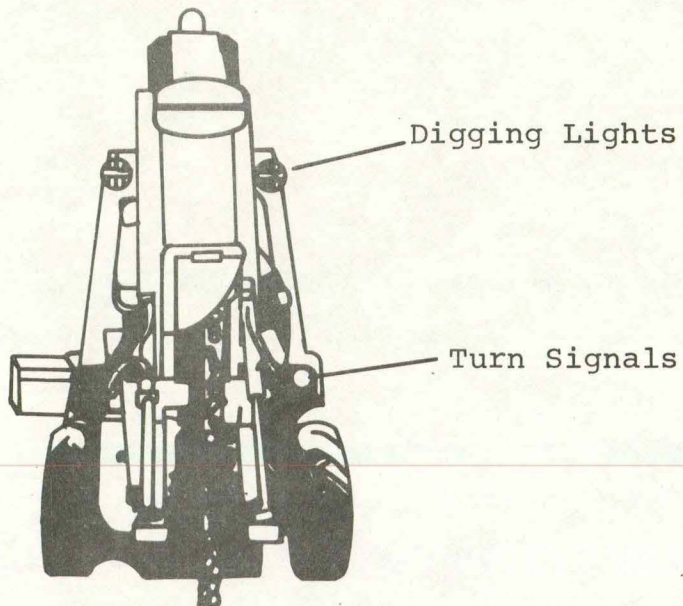
Cutter Concrete



FRONT VIEW



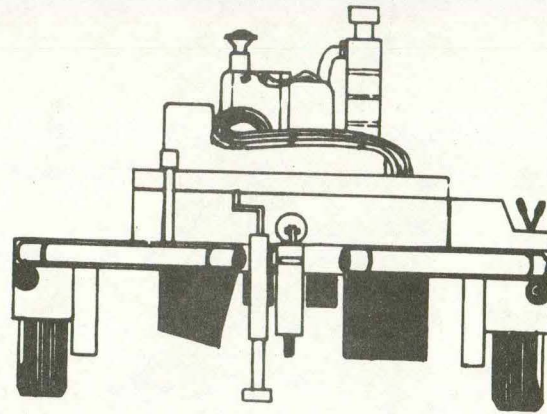
SIDE VIEW



REAR VIEW

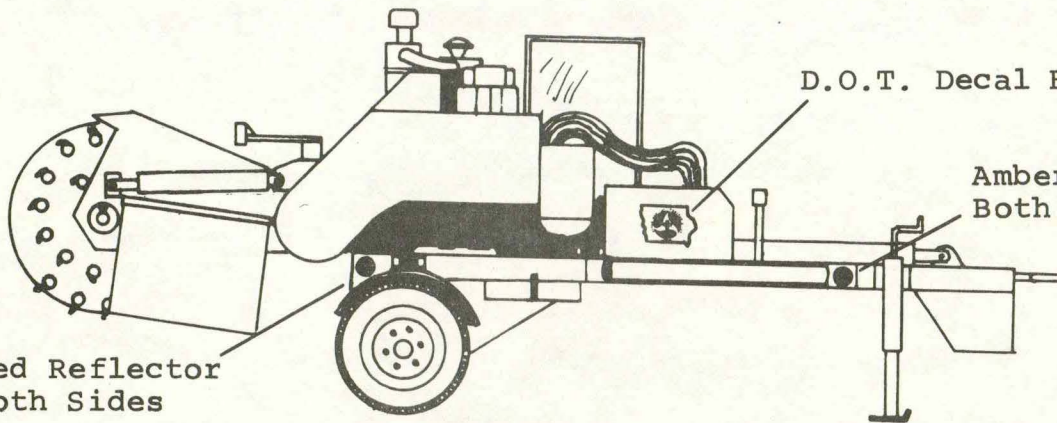
Lighting Chart

STUMP CUTTER



Amber Reflectors  
(Both Sides)

FRONT VIEW

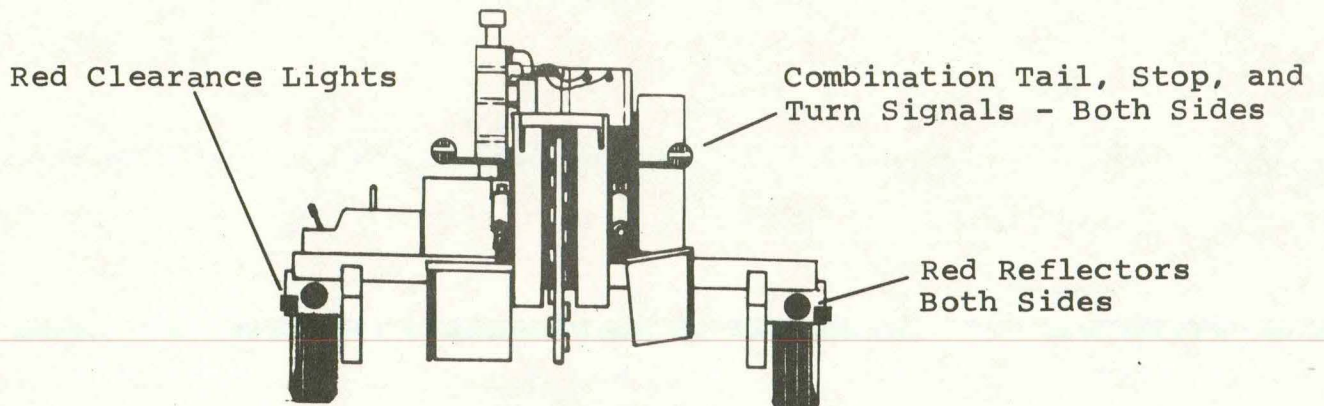


D.O.T. Decal Both Sides

Amber Reflector  
Both Sides

Red Reflector  
Both Sides

SIDE VIEW



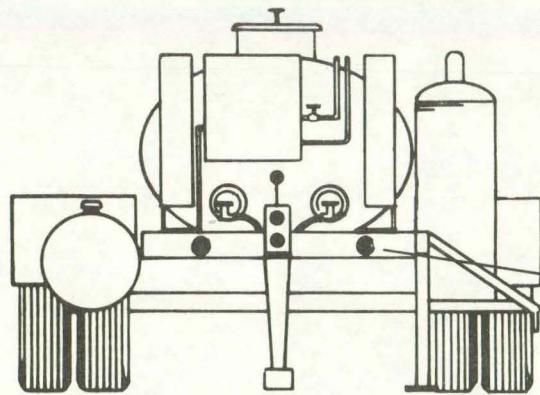
Red Clearance Lights

Combination Tail, Stop, and  
Turn Signals - Both Sides

Red Reflectors  
Both Sides

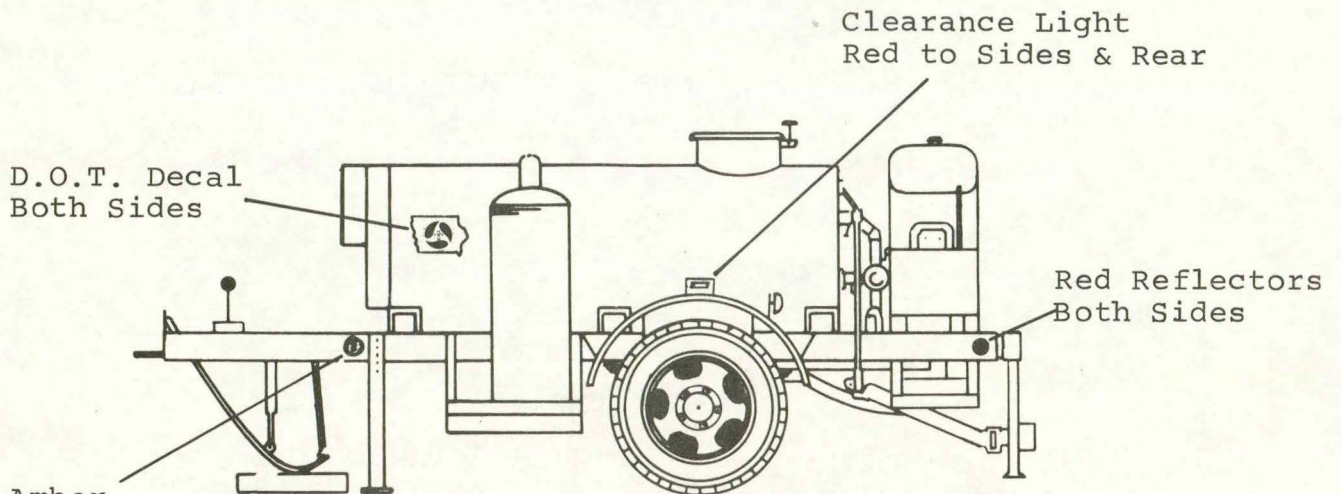
REAR VIEW

Lighting Chart  
DISTRIBUTOR PULL TYPE



Amber Reflectors  
Both Sides

FRONT VIEW



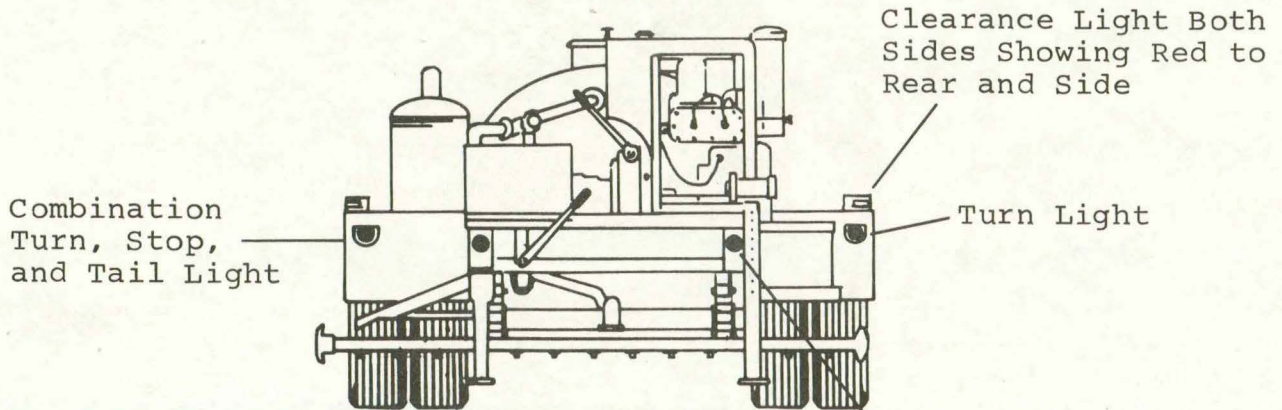
Clearance Light  
Red to Sides & Rear

D.O.T. Decal  
Both Sides

Red Reflectors  
Both Sides

Amber  
Reflector  
Both Sides

SIDE VIEW



Clearance Light Both  
Sides Showing Red to  
Rear and Side

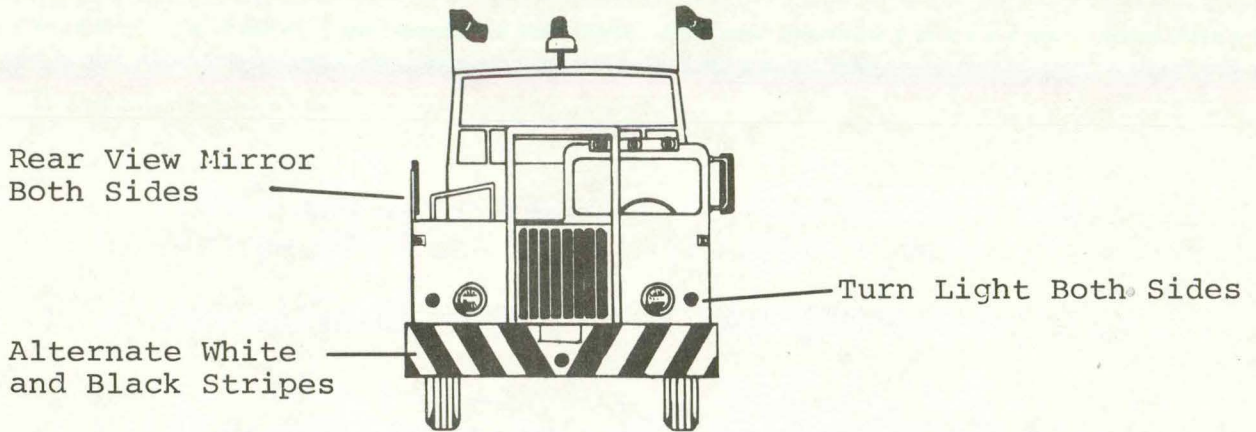
Combination  
Turn, Stop,  
and Tail Light

Turn Light

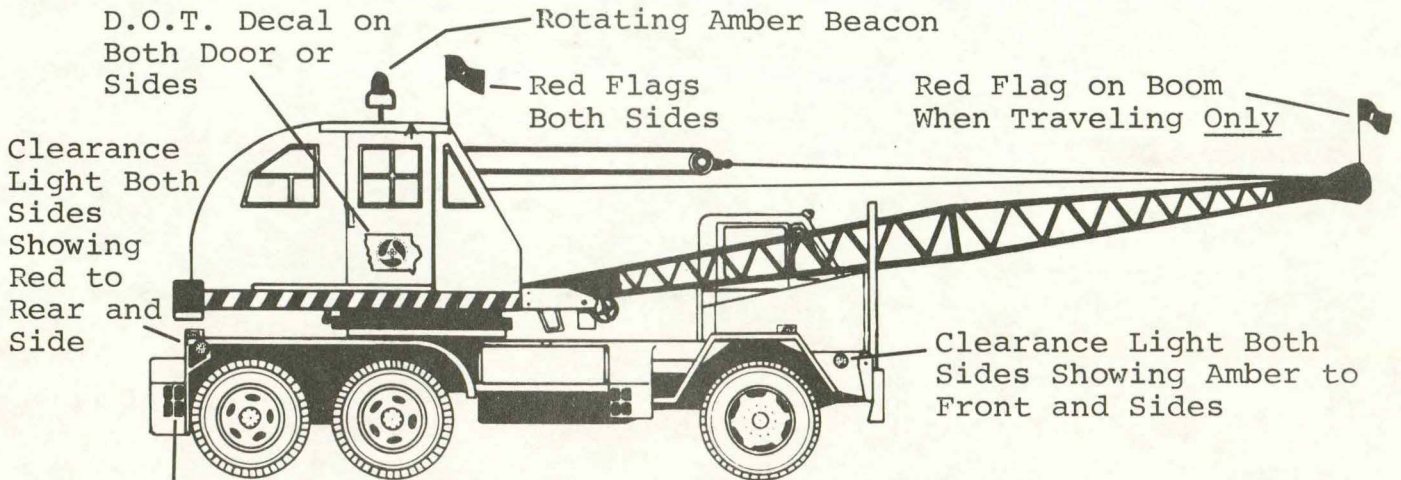
REAR VIEW

Red Reflector Both Sides

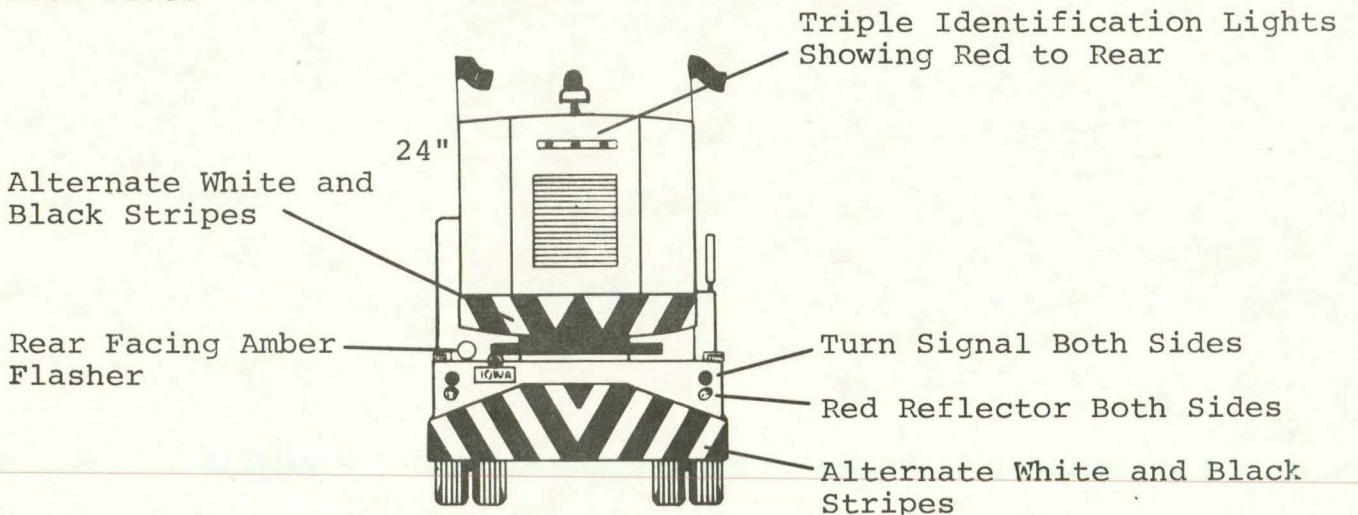
DRAGLINE CARRIER MOUNTED



FRONT VIEW



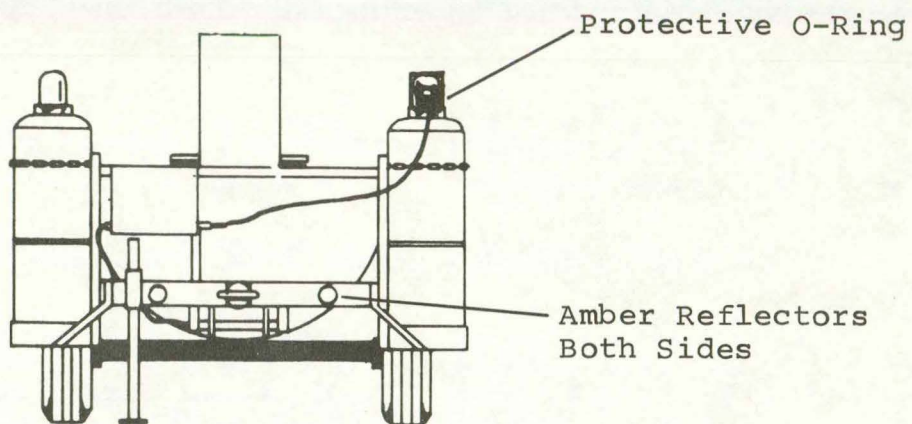
SIDE VIEW



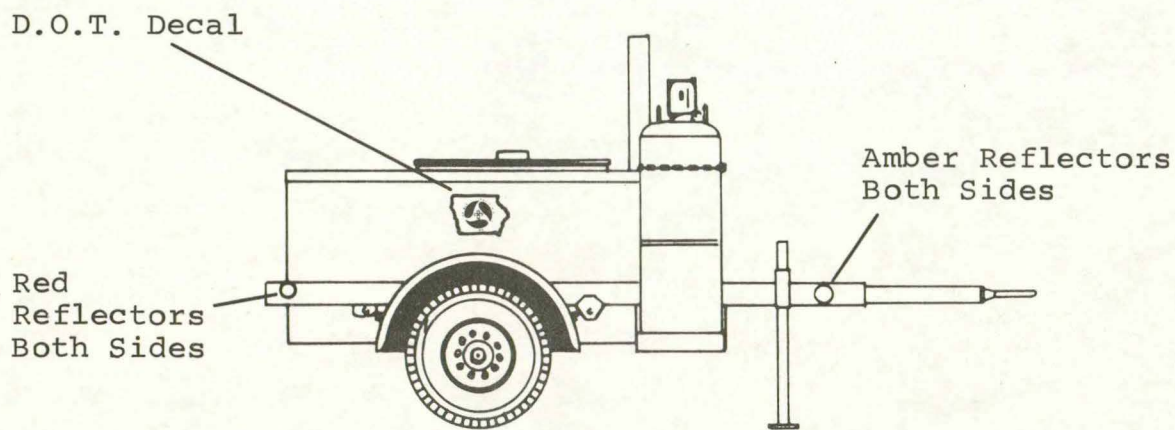
REAR VIEW

# Lighting Chart

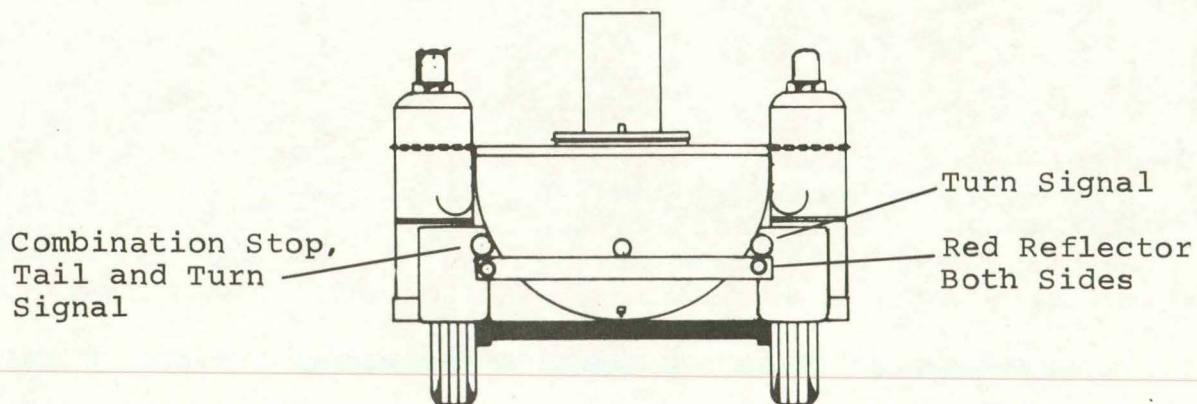
## TAR KETTLE



FRONT VIEW



SIDE VIEW

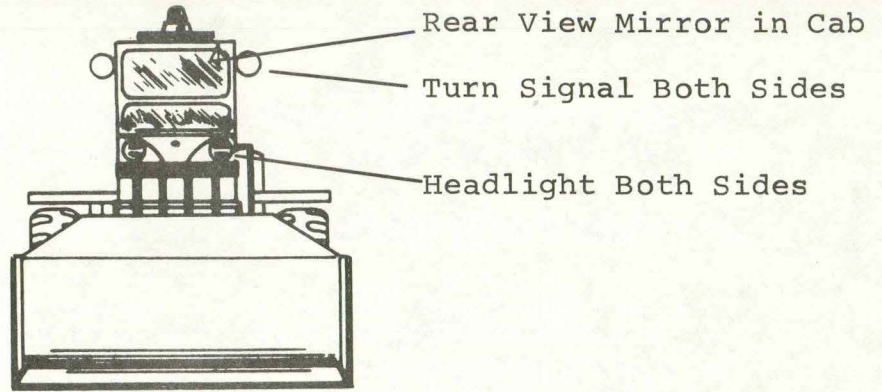


REAR VIEW

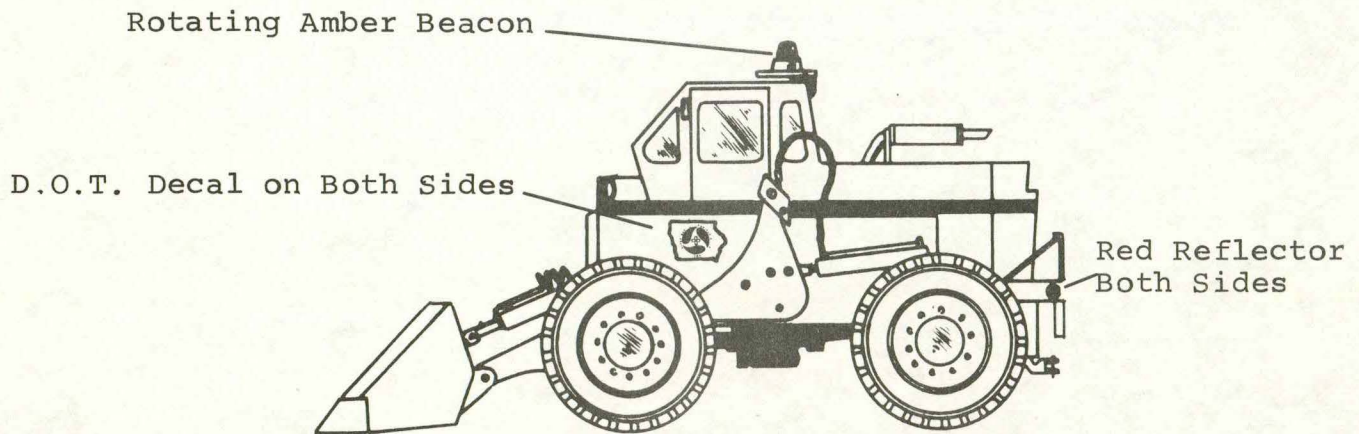


Lighting Chart

MEDIUM AND HEAVY DUTY LOADER



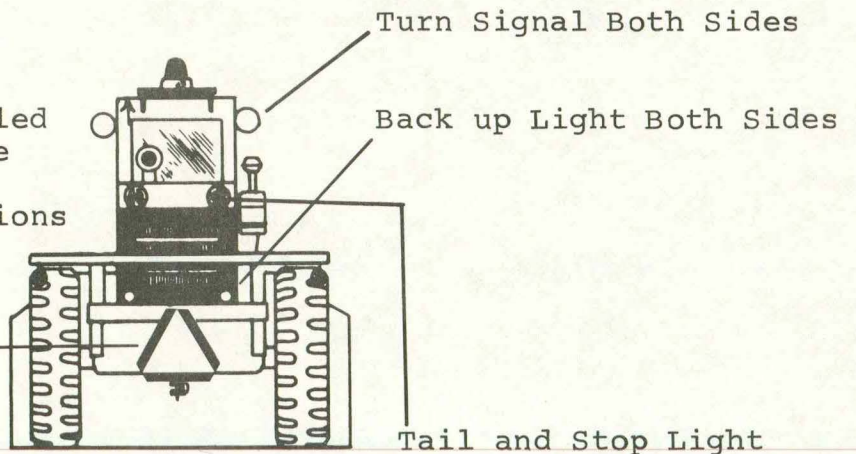
FRONT VIEW



SIDE VIEW

Note: Turn signals installed by Manufacturer on the side or near top of cab are as acceptable as in the locations shown above.

Slow Moving Vehicle Emblem



REAR VIEW

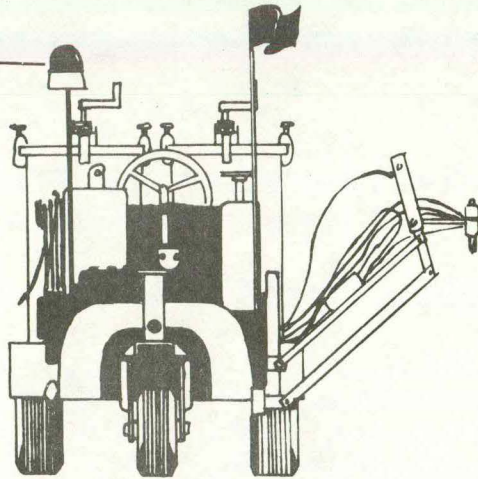
Lighting Chart

3 OR 4 WHEEL CURB PAINTING MACHINE

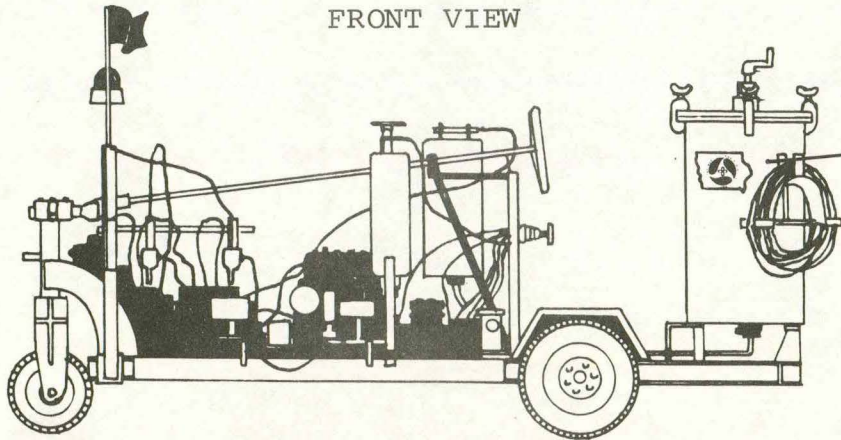
Rotating Amber  
Beacon, Brackets  
for Mounting on  
Either Side

Red Flag

10'

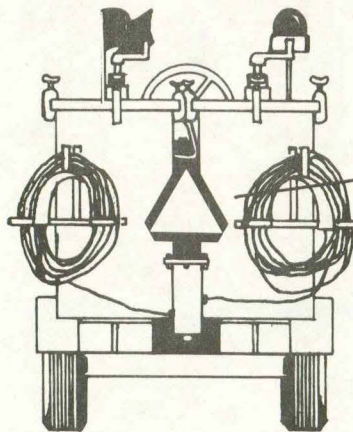


FRONT VIEW



D.O.T. Decal

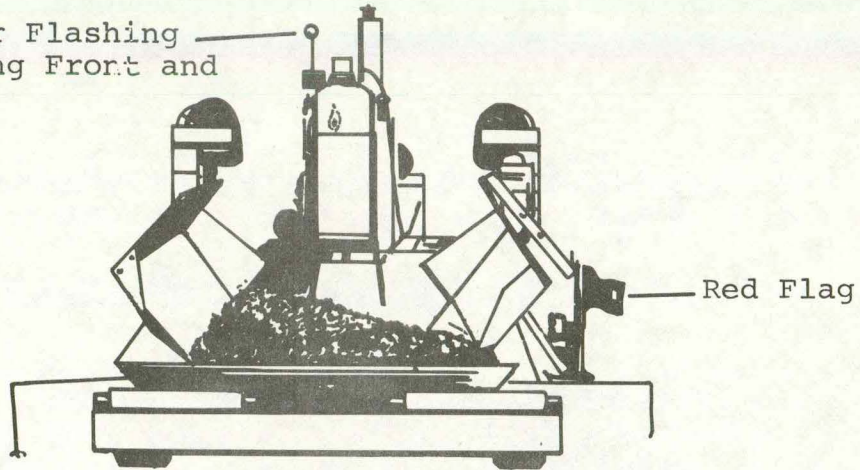
SIDE VIEW



Slow Moving Vehicle  
Emblem

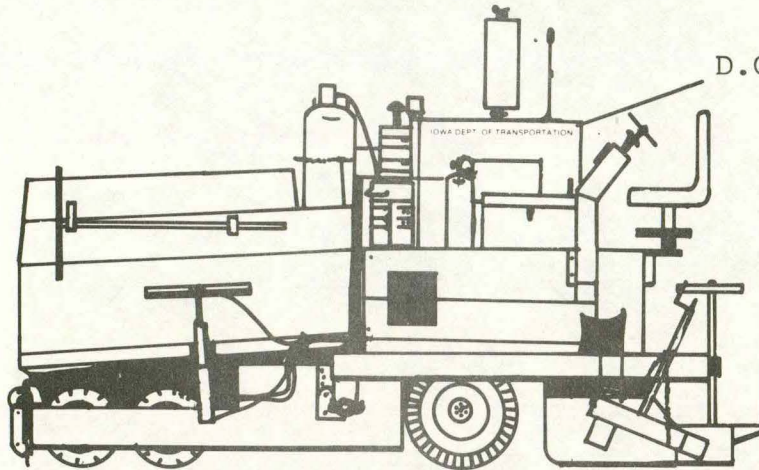
REAR VIEW

Double Amber Flashing  
Light Showing Front and  
Rear

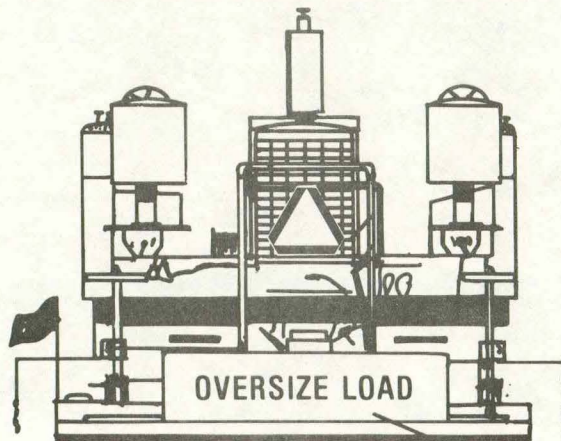


FRONT VIEW

D.O.T. Emblem



SIDE VIEW

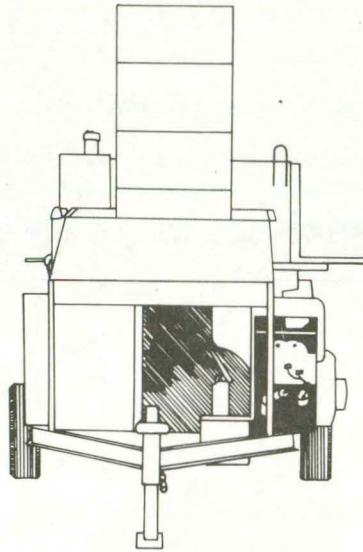


REAR VIEW

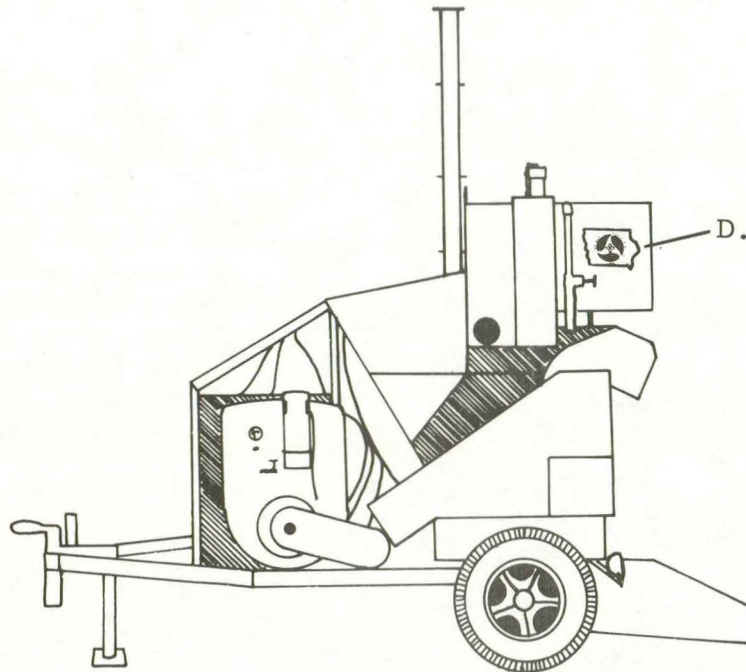
Oversize Load Sign

ASPHALT CEMENT MIXER

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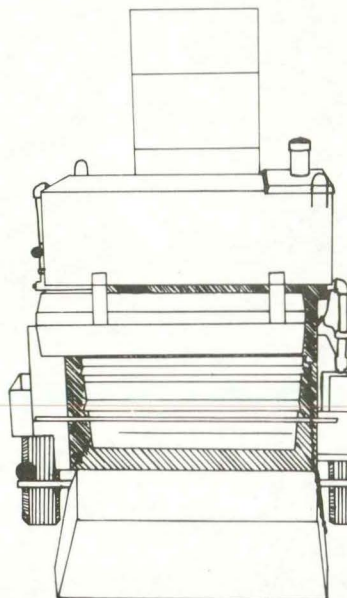


FRONT VIEW



D.O.T. Decal (Both Sides)

SIDE VIEW



Combination Stop, Tail  
and Turn Light (Both Sides)

REAR VIEW

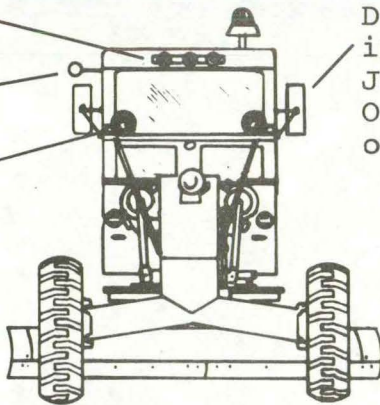
MOTOR GRADER

Triple Identification  
Lights showing Amber to  
Front

Wing Light (Optional)

Headlights

Delete Outside Mirrors and  
install inside mirror on  
John Deere (Only)  
Outside mirrors on all  
other makes

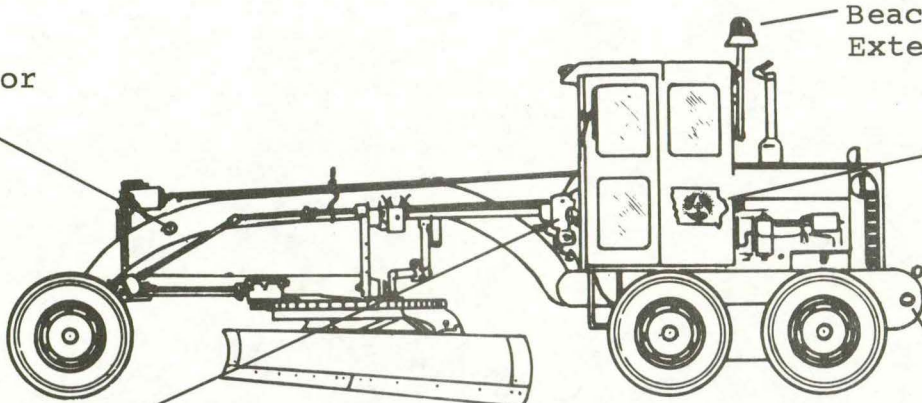


FRONT VIEW

Amber Reflector  
Both Sides

Rotary Amber  
Beacon on  
Extendable Staff

D.O.T. Decal  
Both Sides



SIDE VIEW

Red Reflector

White light  
both sides to light  
blade. Tip down to  
blade area. (Optional)

Triple Identification  
Lights Showing Red to Rear

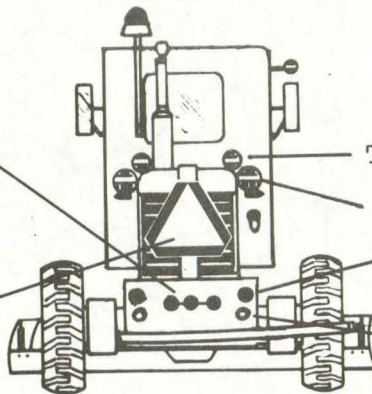
Turn Signals Front and Rear

Stop Lights Both Sides

Tail Light Both Sides

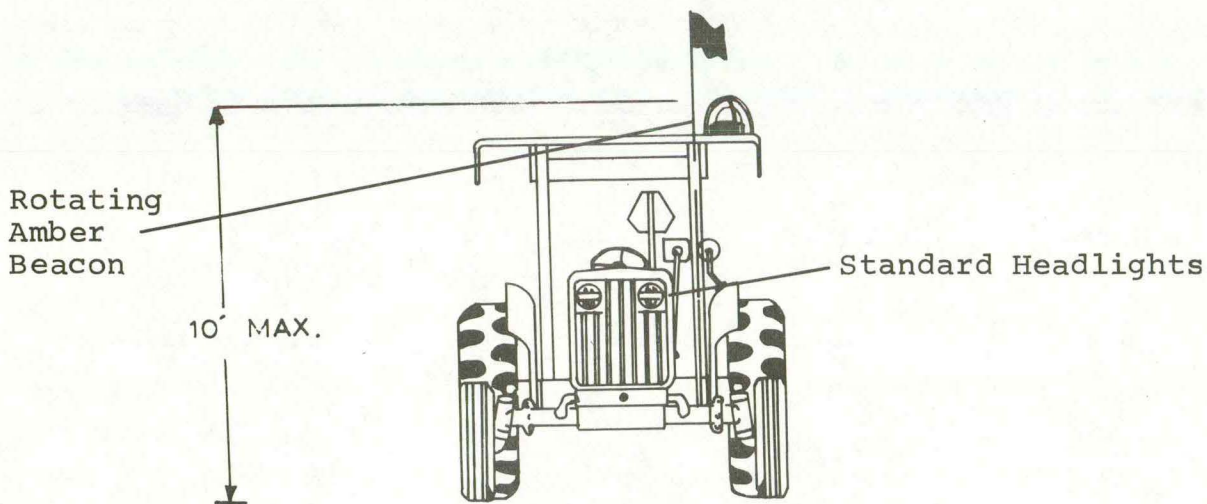
Slow Moving Vehicle  
Emblem

Red Reflector Both Sides

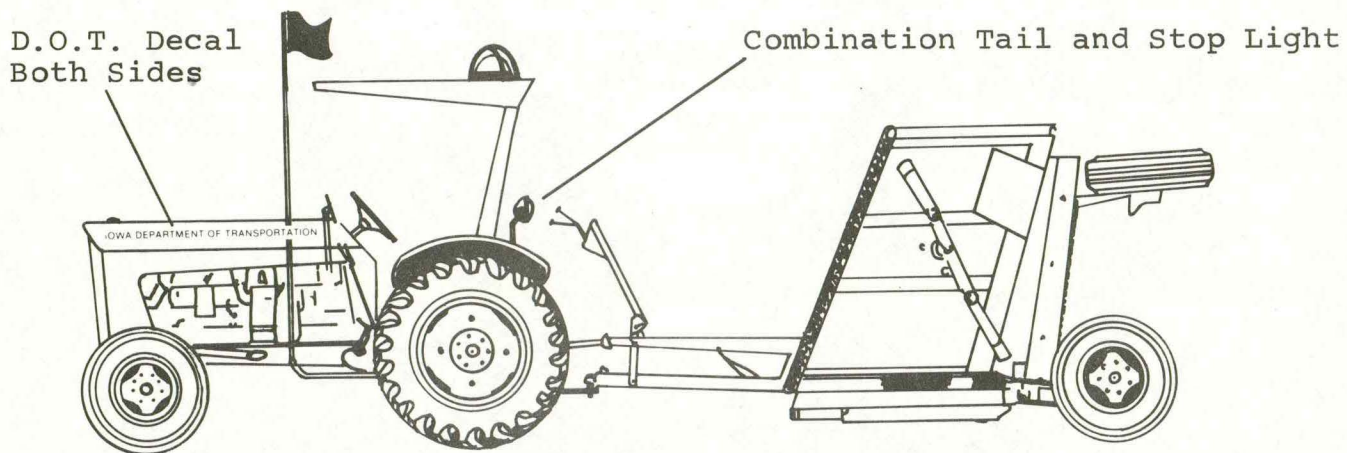


REAR VIEW

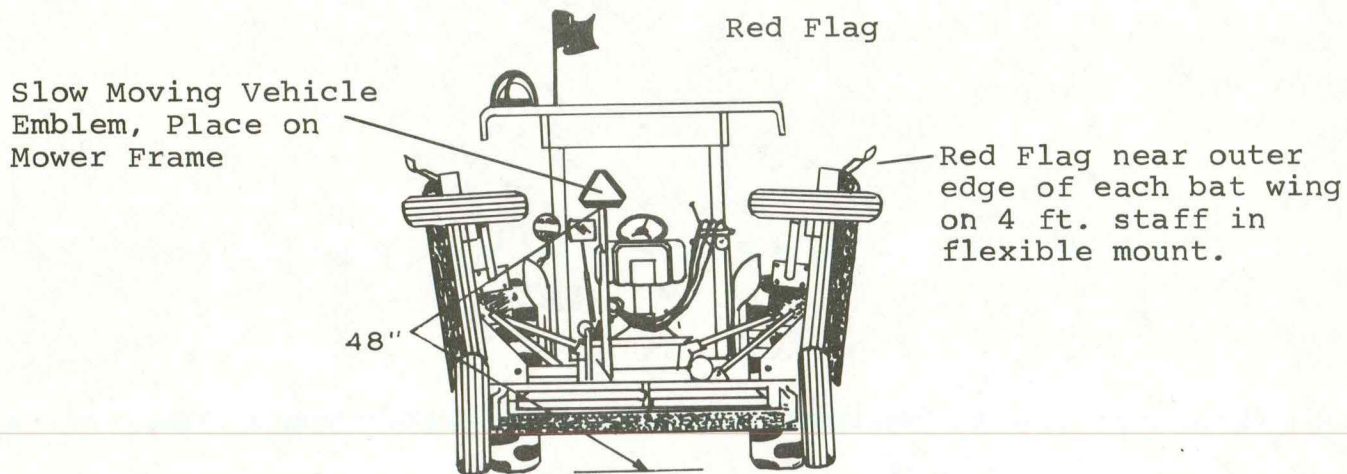
15 ft. GANG MOWER



FRONT VIEW



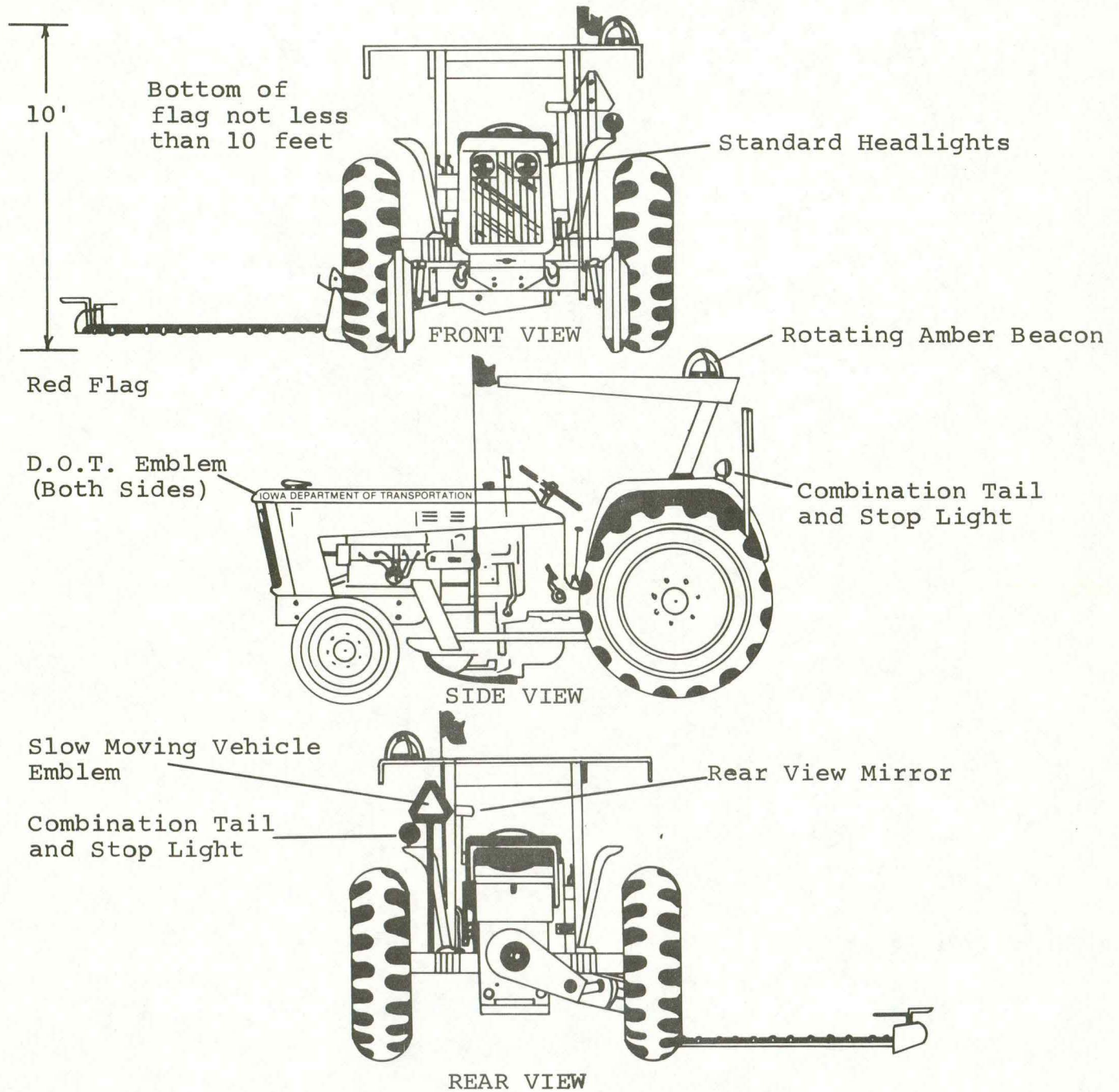
SIDE VIEW



REAR VIEW

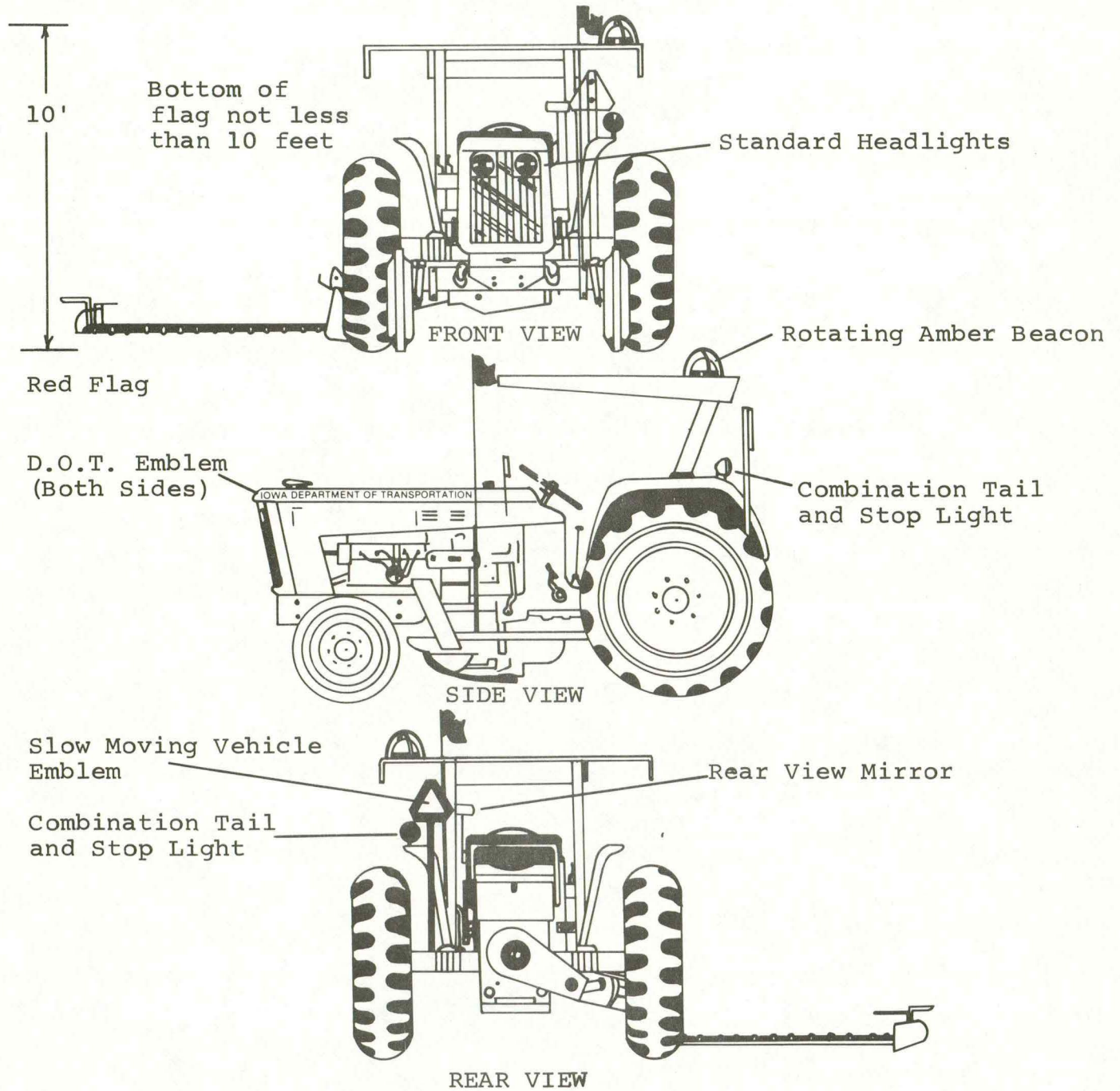
Note: Rear View Mirror to be placed for operator's best rear view.

MOWERS - SICKLE AND ROTARY



Note: Rear view mirror to be placed for operator's best rear view.

MOWERS - SICKLE AND ROTARY

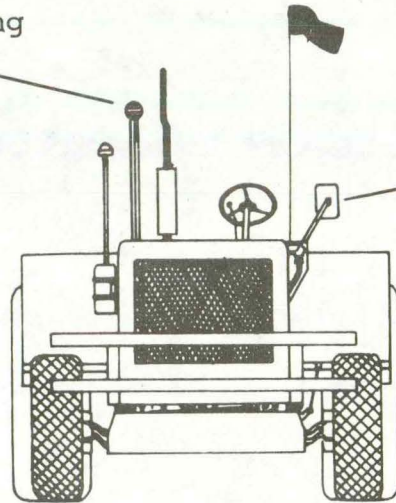


Note: Rear view mirror to be placed for operator's best rear view.



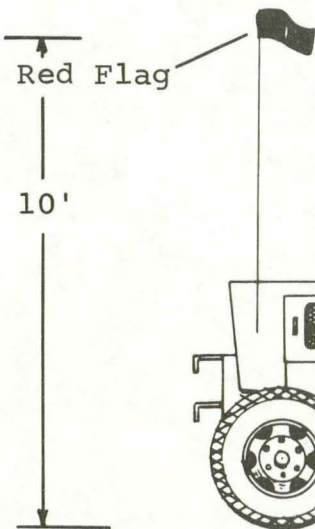
Lighting Chart  
PULVERIZER SELF-PROPELLED

Amber Flasher Showing  
Front and Rear  
Thin Model Lamp



Rear View Mirror

FRONT VIEW



Red Flag

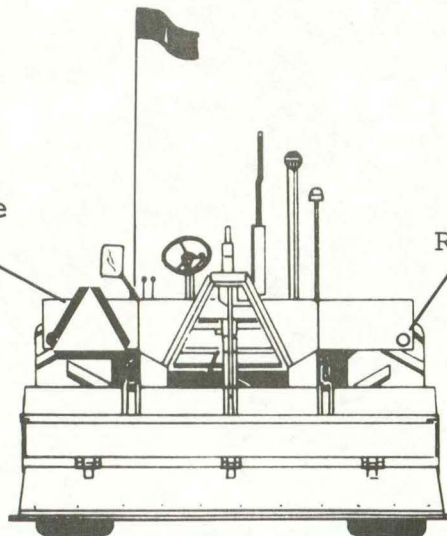
10'

D.O.T. Decal

Red Reflector Both Sides

SIDE VIEW

Slow Moving Vehicle  
Emblem



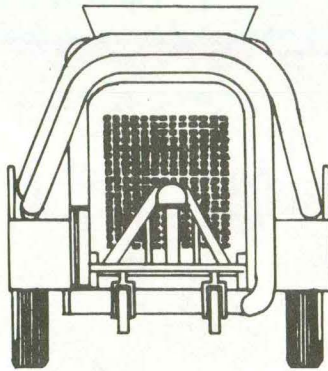
Red Reflector Both Sides

REAR VIEW

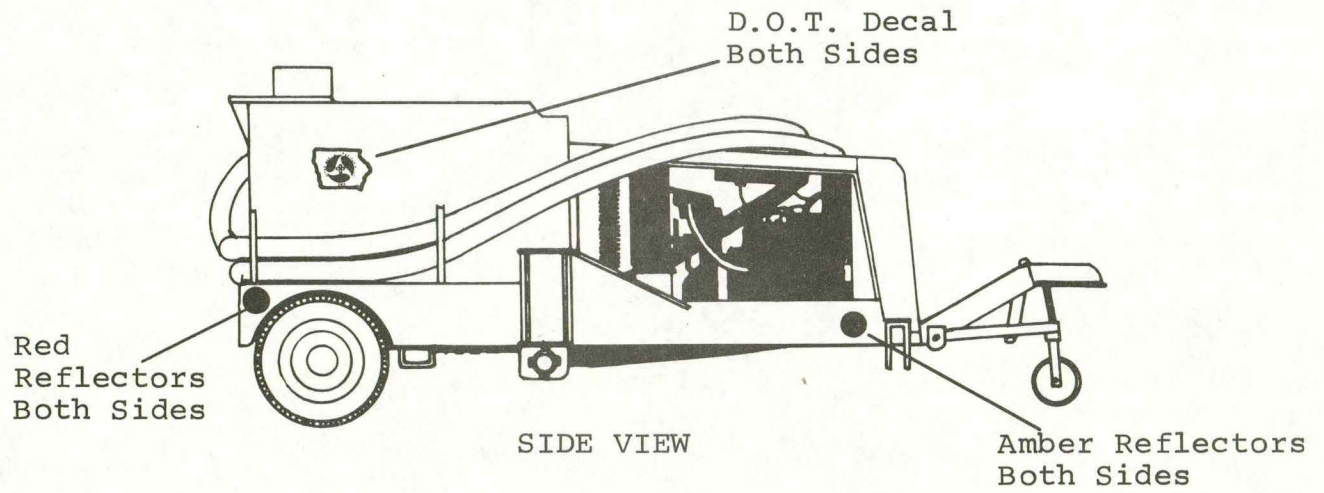
Note: Unit to work in  
signed work area only.  
Will not be roaded after  
dark.

Lighting Chart

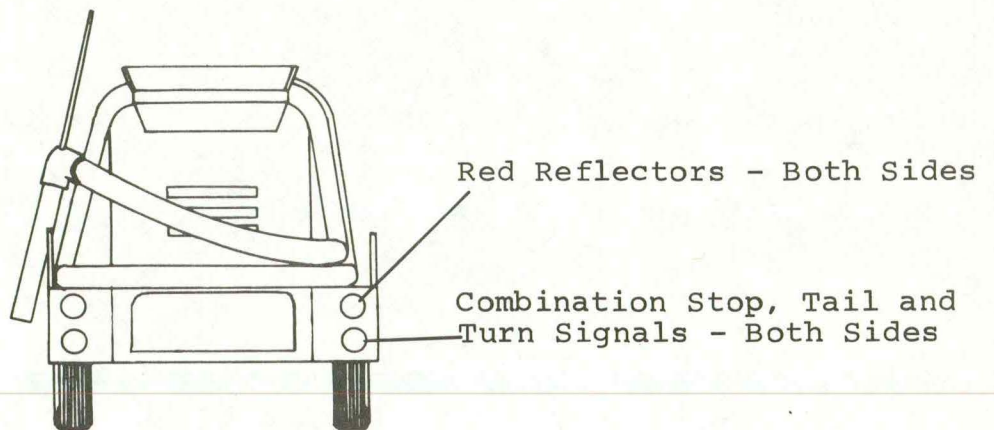
MUD PUMP



FRONT VIEW



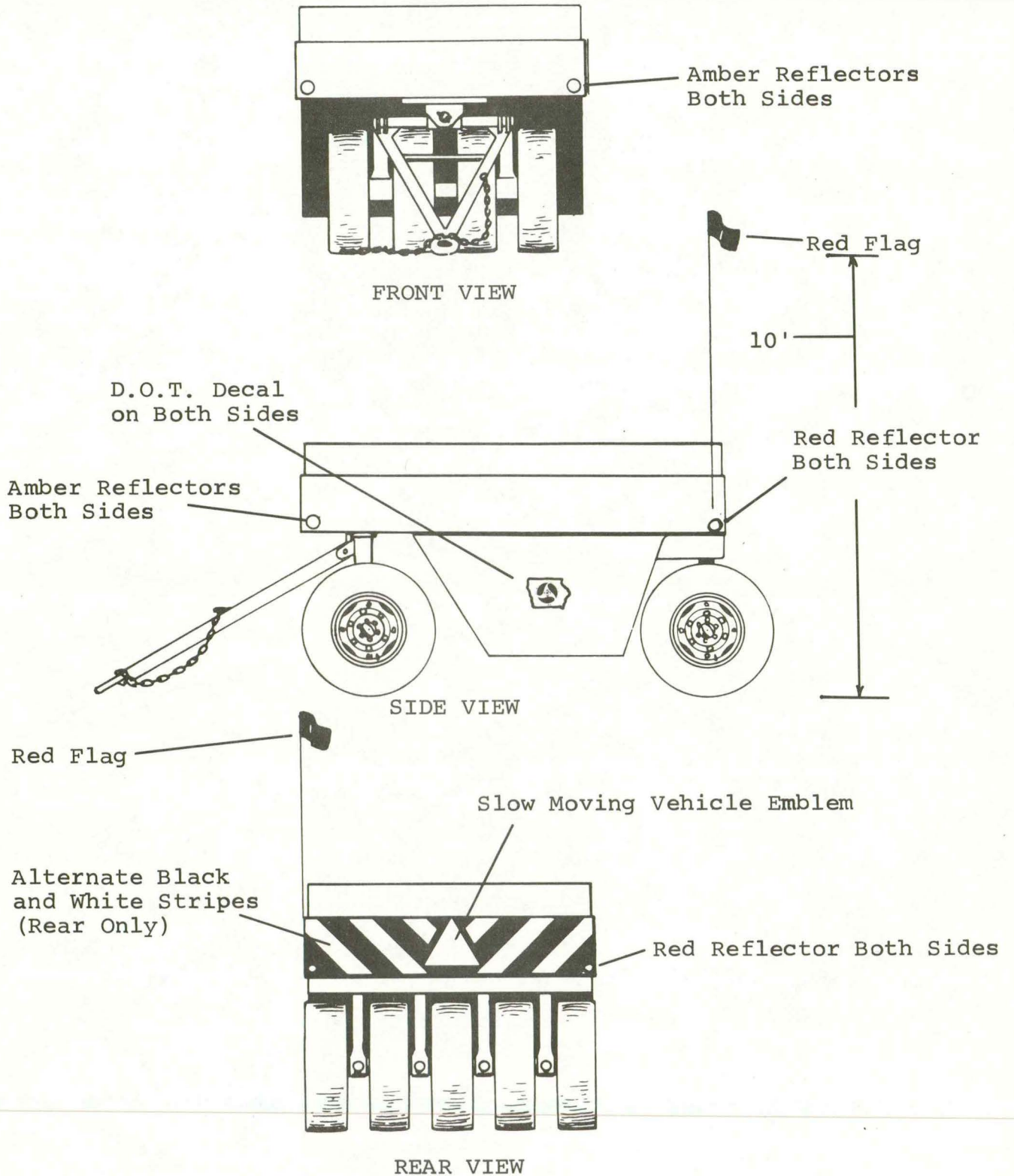
SIDE VIEW



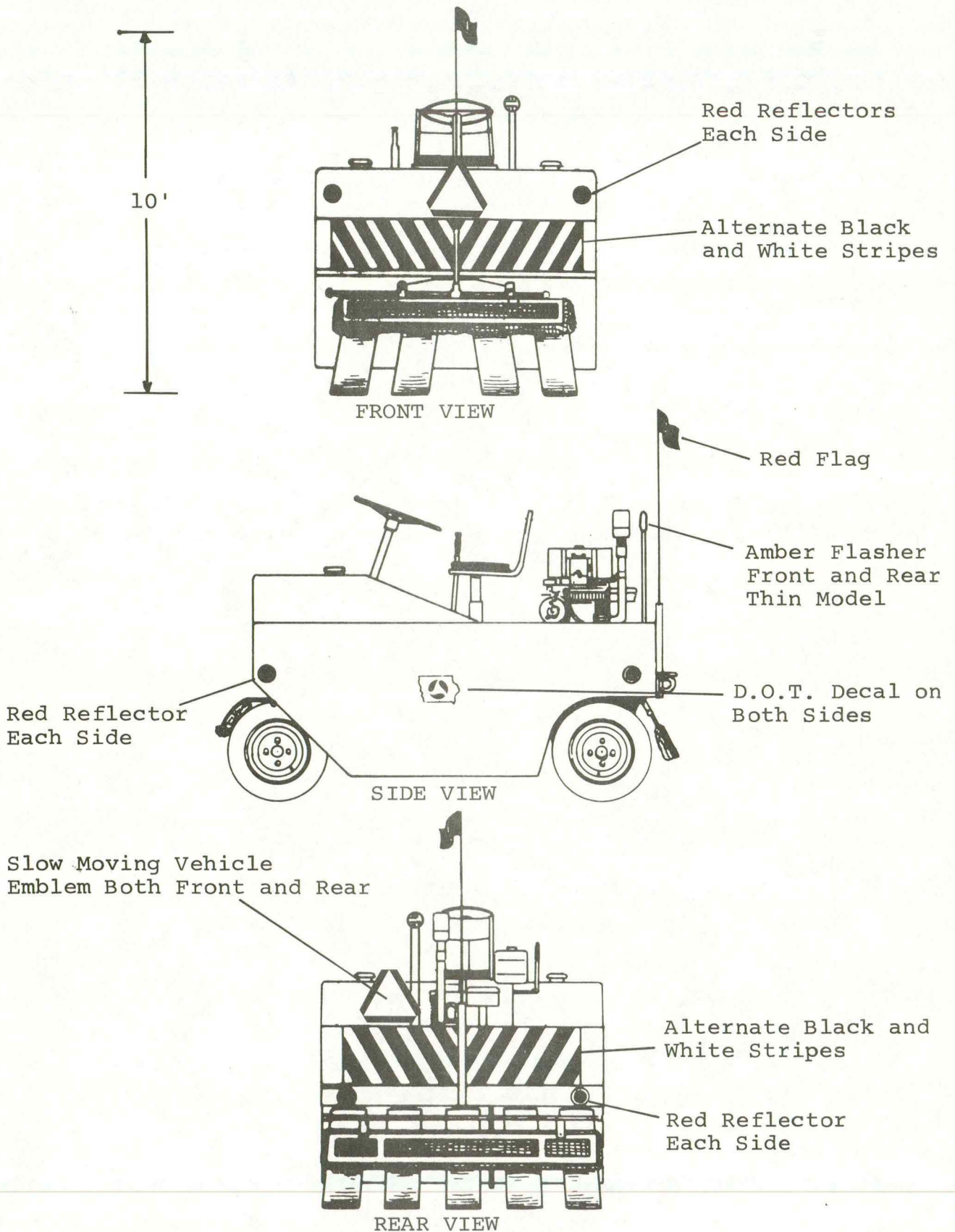
REAR VIEW

### Lighting Chart

ROLLER RUBBER - PULL TYPE



Note: No travel on highway  
after dark.

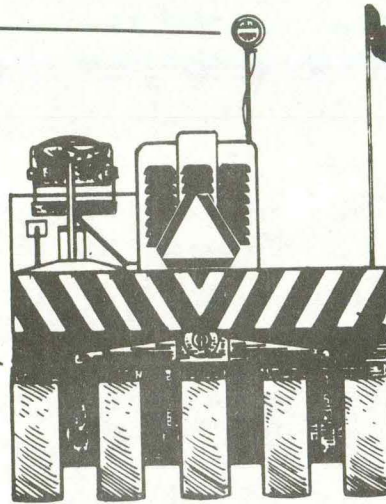


Note: Roller will be working on traveled way only in signed work area. No travel on highway after dark.

HEAVY DUTY SELF PROPELLED PNEUMATIC ROLLER

Amber Flasher  
Front and Rear  
Thin Model Lamp

Red Reflector



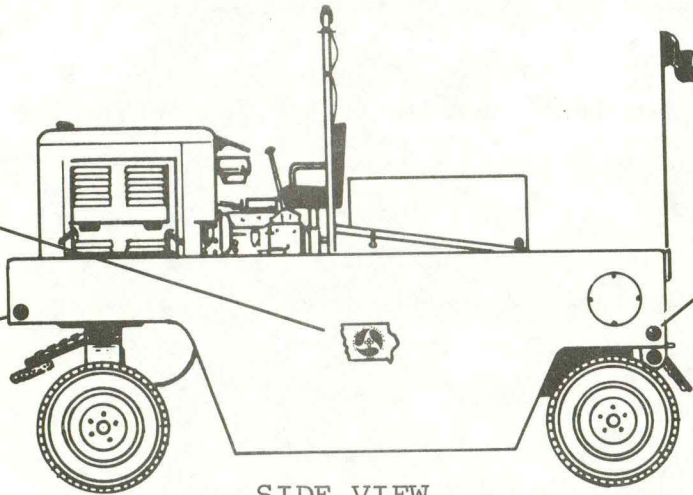
Red Reflector

Alternate  
Black & White Stripes

FRONT VIEW

D.O.T.  
Decal  
Both Sides

Red  
Reflector  
Both Sides



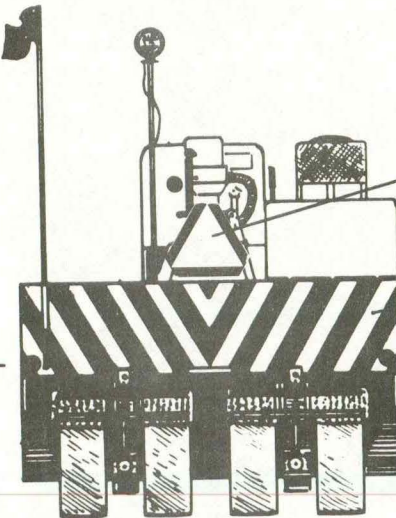
Red Reflector  
Both Sides

SIDE VIEW

Red Flag

10'

Red  
Reflector



Slow Moving Vehicle Emblem  
Both Front and Rear

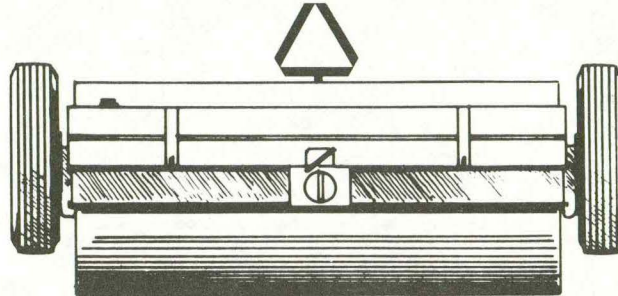
Alternate Black and White  
Stripes

Red Reflector

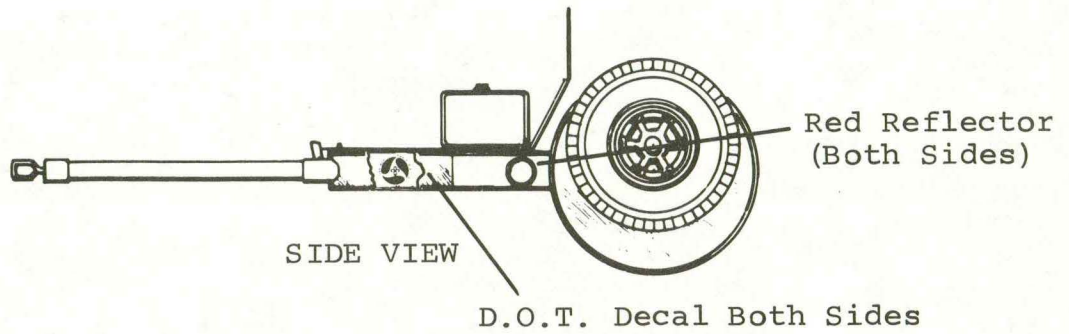
REAR VIEW

Lighting Chart

ROLLER - STEEL PULL TYPE

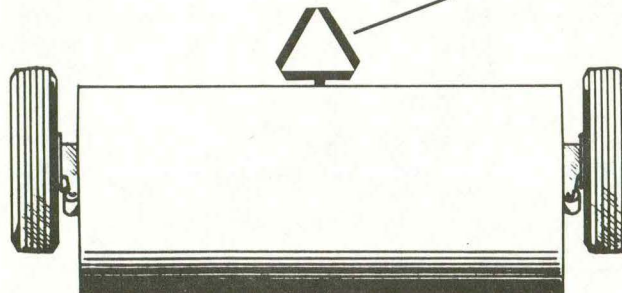


FRONT VIEW



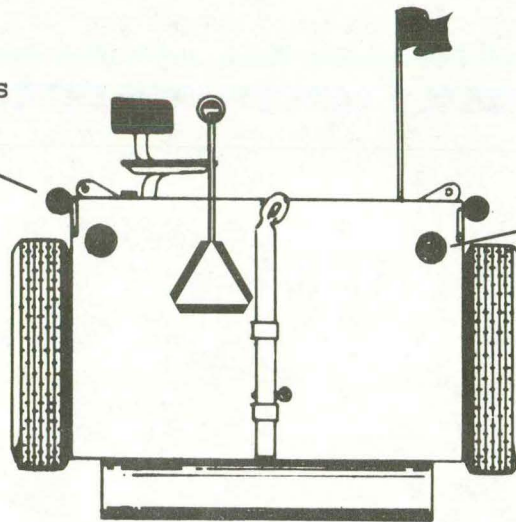
SIDE VIEW

Slow Moving Vehicle Emblem



REAR VIEW

Red Reflector  
 Face Rear  
 Place on Brackets  
 Both Sides

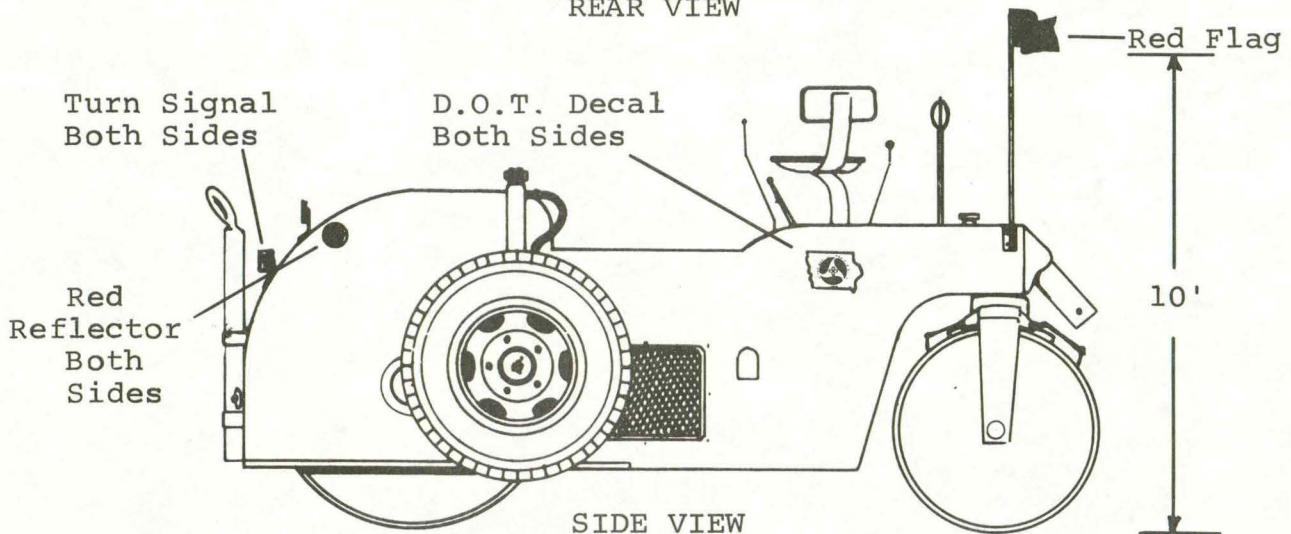


Turn signal both sides  
 Stop & Tail Lights  
 Remote from truck lights  
 for towing

REAR VIEW

Turn Signal  
 Both Sides  
 Red Reflector  
 Both  
 Sides

D.O.T. Decal  
 Both Sides



Red Flag

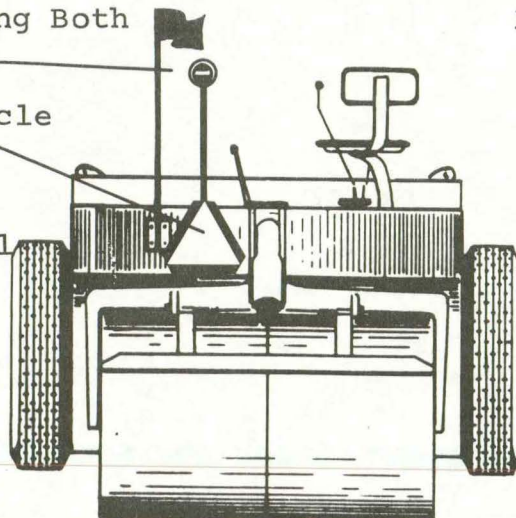
10'

SIDE VIEW

Amber Flasher  
 Thin Model Showing Both  
 Front & Rear

Slow Moving Vehicle  
 Emblem

Note: Roller will  
 be working on  
 traveled way  
 only in signed  
 work area. No  
 travel on  
 highway after  
 dark.



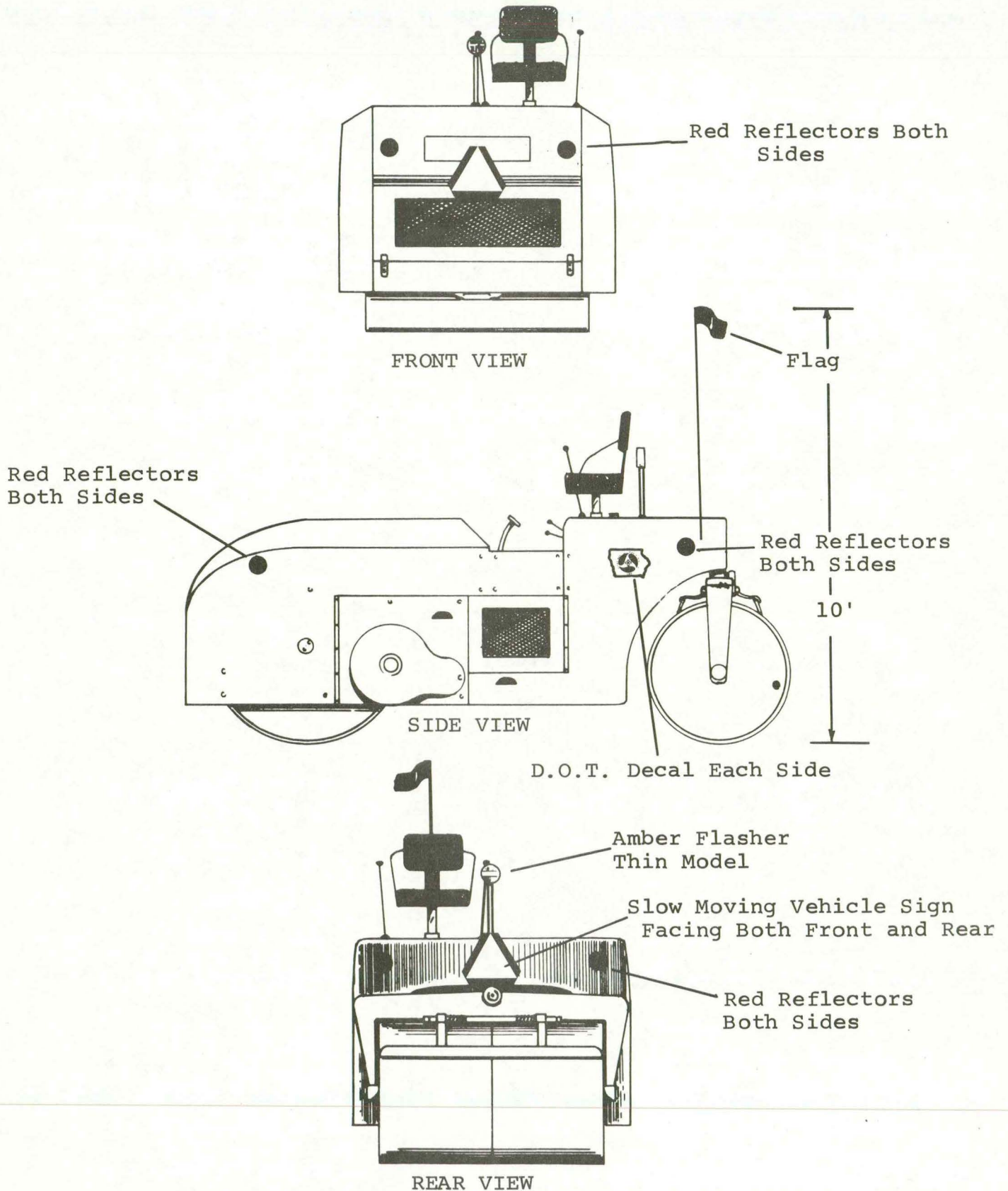
Mount amber flasher and  
 slow moving vehicle sign on  
 fold down staff. Slow moving  
 vehicle sign must be down  
 for transporting. Use Thin  
 Lamp for flasher. Slow moving  
 vehicle sign facing front  
 and rear.

Note: Reflectors not less  
 than 20" or more than 42"  
 above ground.

FRONT VIEW

### Lighting Chart

#### STEEL ROLLER SELF-PROPELLED 5 TO 8 TON



Note: Unit to work in signed work area and be transported from job to job on trailer.



MAINTENANCE DEPARTMENT LIGHTING CHART  
 ROTARY SNOW PLOW TRUCK

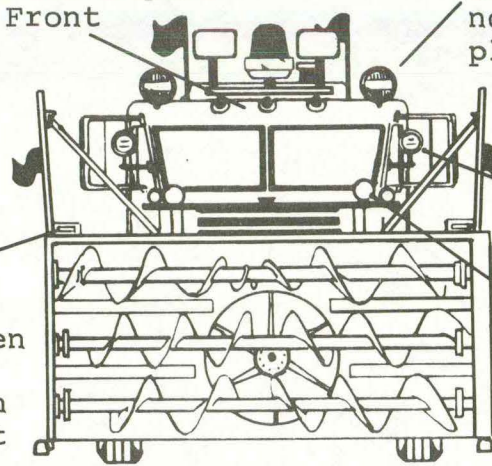
Triple Identification Lights  
 Showing Amber to Front

Head Lights on Top of Cab  
 not required but if now in  
 place do not remove.  
 Arrange switch for "off"  
 when other headlights are  
 on.

Amber clearance  
 light that folds  
 down (spring  
 mounted) behind  
 auger housing when  
 plowing but will  
 be in up position  
 when traveling at  
 night. One each  
 side showing amber  
 to front

Spot Light Both Sides,  
 Position on Side or Near  
 Top of Cab

Head Light and Turn Signal  
 on Frame Near Top of  
 Radiator Both Sides



FRONT VIEW

Rotary Amber Beacon on  
 Adjustable Height Staff

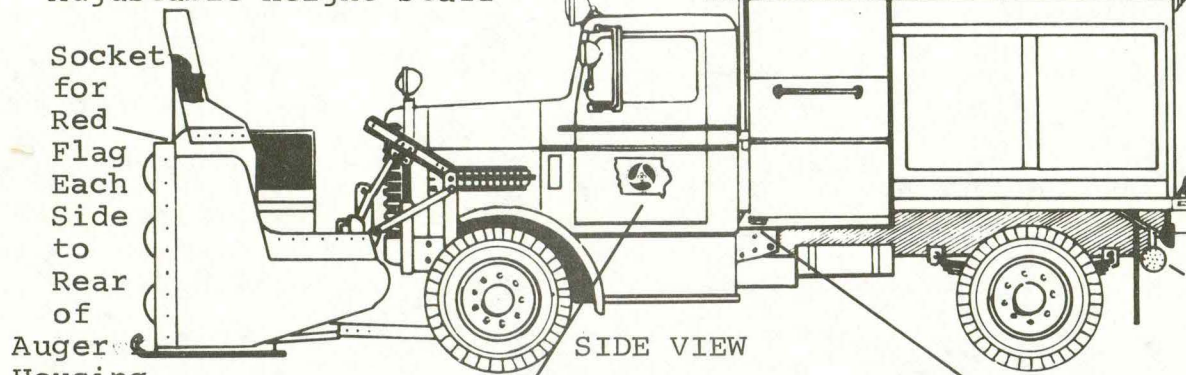
Socket  
 for  
 Red  
 Flag  
 Each  
 Side  
 to  
 Rear  
 of  
 Auger  
 Housing

Mirrors

Red Flag  
 Each Side

Clearance  
 Light Both  
 Sides Showing  
 Red to Rear  
 and Side

Red Reflector  
 Both Sides



SIDE VIEW

D.O.T. Decal on Both Doors

Clearance Light Both Sides  
 Showing Amber to Front and  
 Side

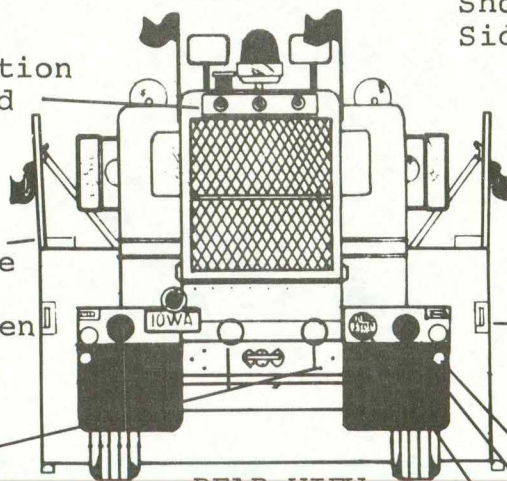
Triple Identification  
 Lights Showing Red  
 to Rear

Place Socket for  
 Flag Staff Behind  
 Auger Housing. Use  
 Flags for Day  
 Travel but not when  
 Blowing Snow

6" White Back up  
 Light Both Sides

Clearance Light Back of  
 Auger Housing Both Sides  
 Showing Red to Rear.

Red Reflector Both Sides



REAR VIEW

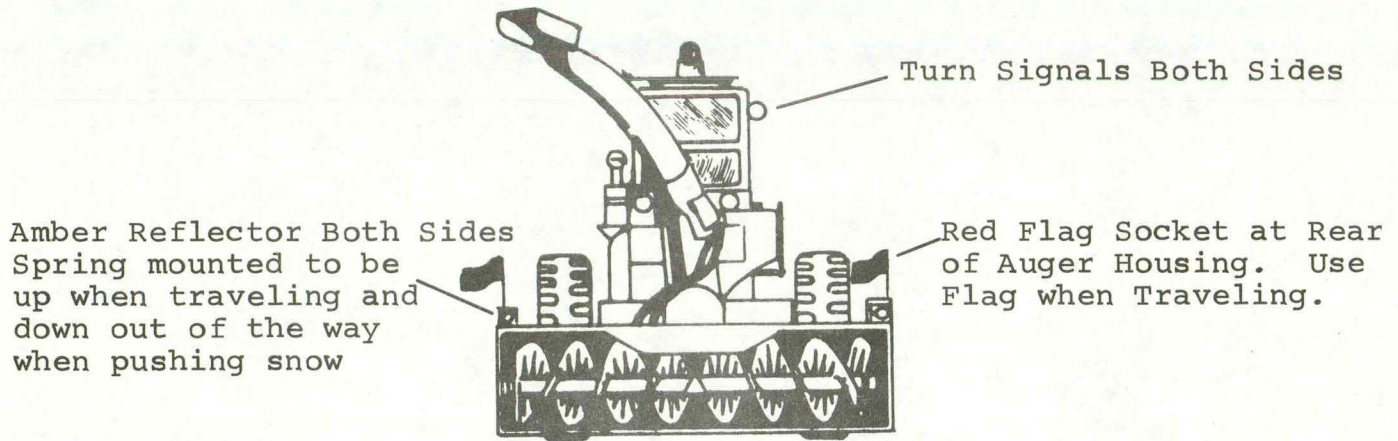
Turn Signal Both Sides

Stop Light - Both Sides

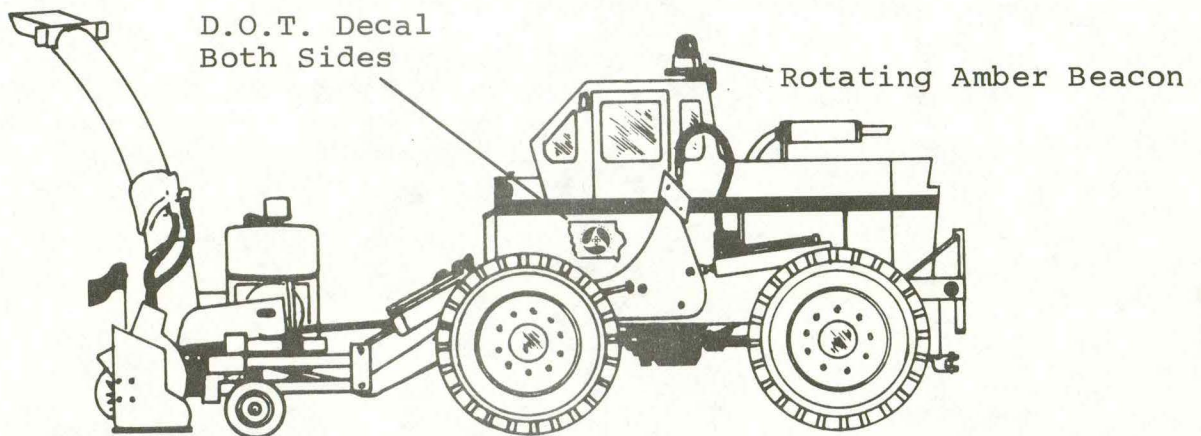
Note: (1) Install outlet plug in motor  
 panel of rear engine for trouble lamp.  
 (2) Install hazard warning light  
 control

### Lighting Chart

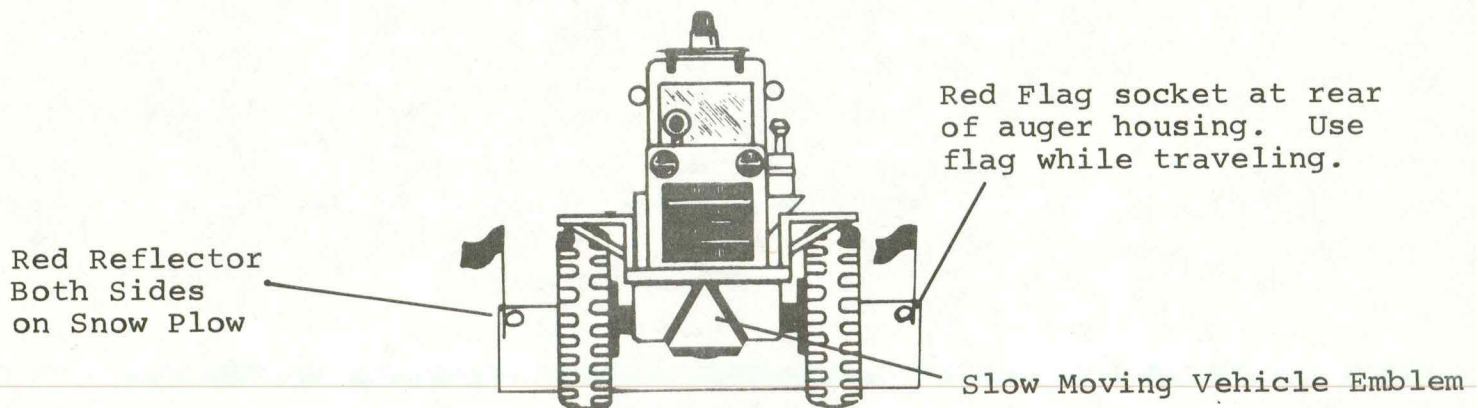
#### ROTARY SNOW PLOW on LOADER



FRONT VIEW



SIDE VIEW

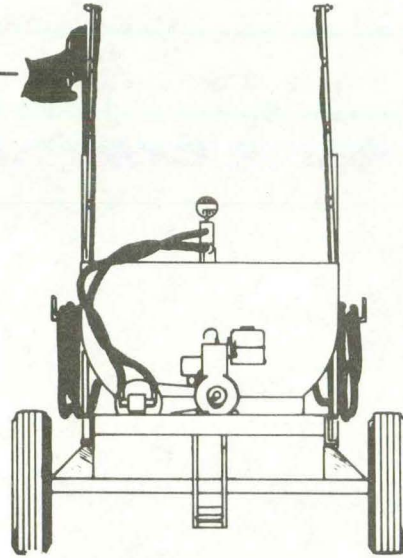


REAR VIEW

Lighting Chart

TRAIL TYPE WEED SPRAY

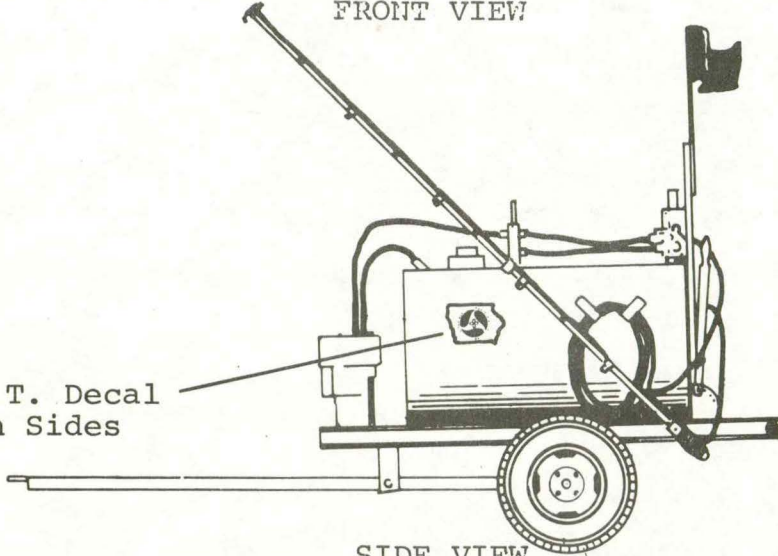
Red Flag



FRONT VIEW

D.O.T. Decal  
Both Sides

Red Reflectors  
Both Sides

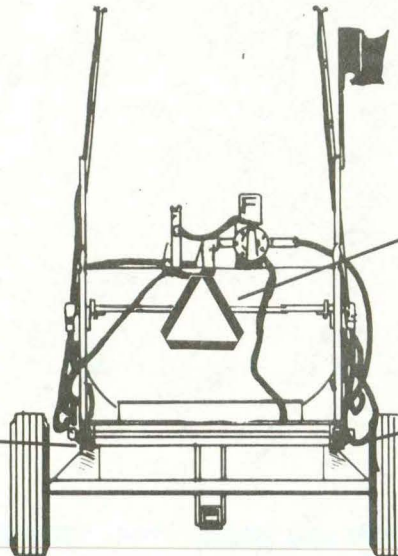


SIDE VIEW

Red Reflector

Slow Moving Vehicle Emblem

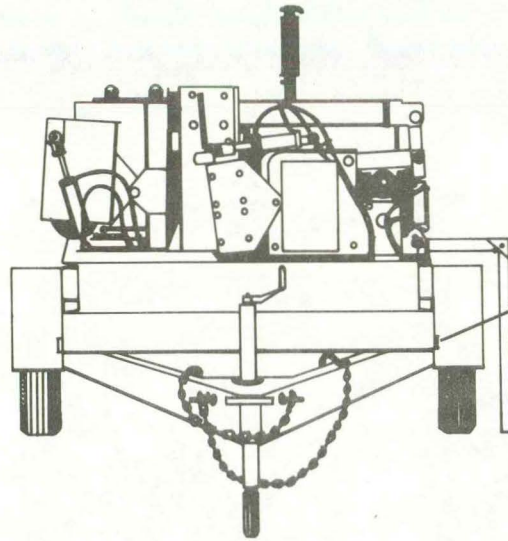
Red Reflector



REAR VIEW

Note: If this unit is towed on the road with a truck, turn, stop, and tail lights will be

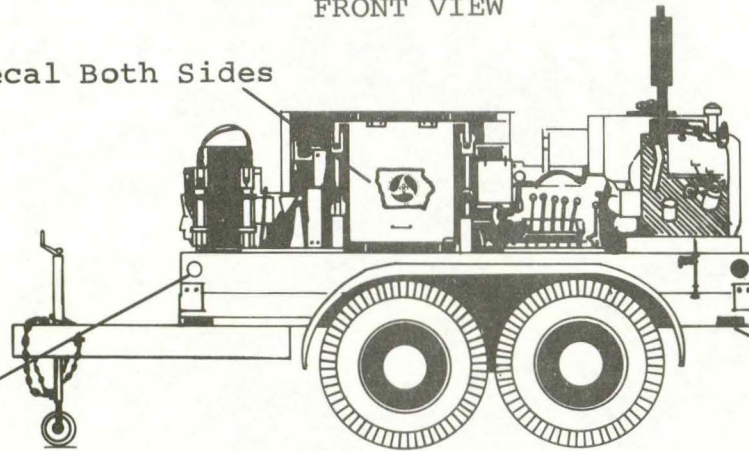
GUARD RAIL AND DELINEATOR POST STRAIGHTNER



Clearance light showing  
Amber to Front and Side  
(Both Sides)

FRONT VIEW

D.O.T. Decal Both Sides

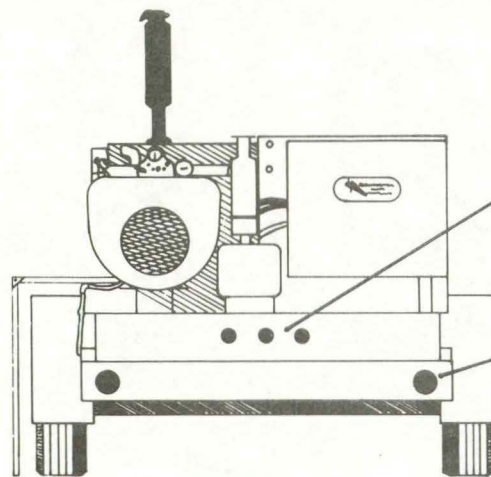


Amber  
Reflector  
(Both Sides)

Red Reflector  
(Both Sides)

Clearance light showing  
Red to Rear and Side  
(Both Sides)

SIDE VIEW



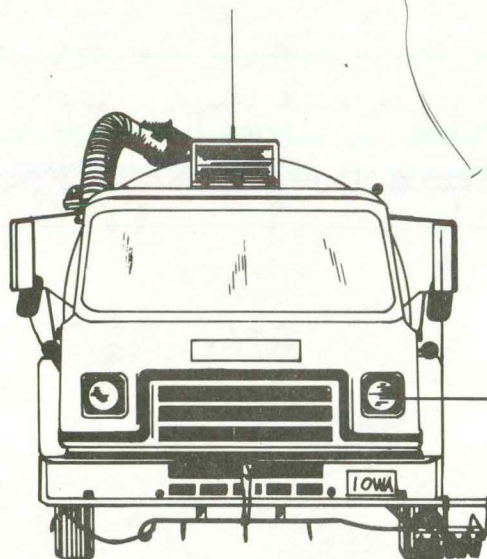
Triple Identification Lights  
Showing Red to Rear

Combination Stop, Tail  
and Turn Light (Both Sides)

REAR VIEW

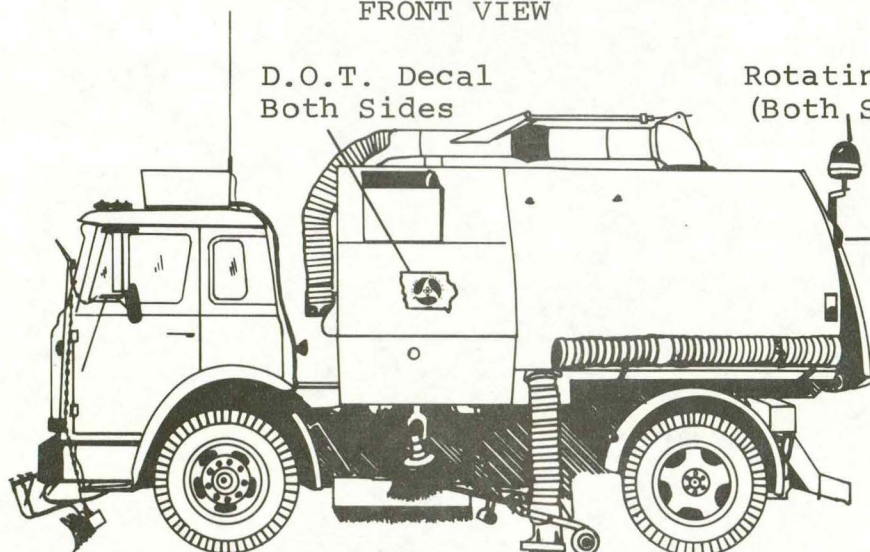
Lighting Chart

PICK-UP SWEEPER 4 WHEEL



Standard Chassis Lighting

FRONT VIEW

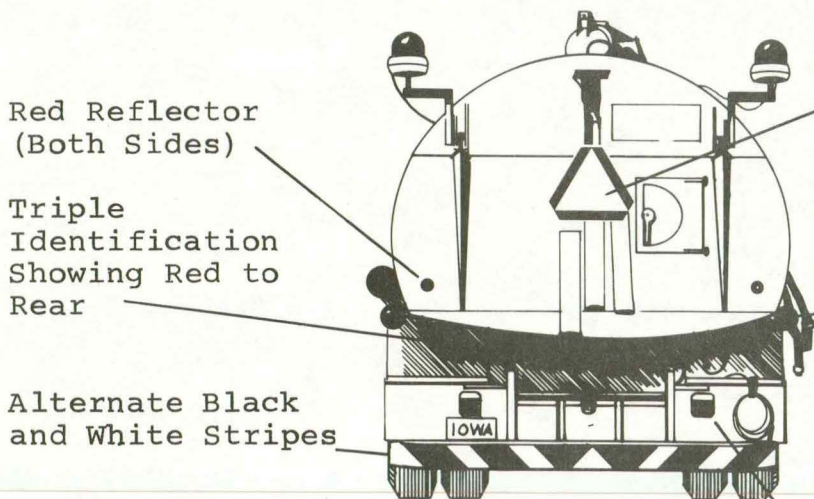


D.O.T. Decal  
Both Sides

Rotating Amber Beacon  
(Both Sides)

Clearance Light Red  
to Rear and Side  
(Both Sides)

SIDE VIEW



Red Reflector  
(Both Sides)

Triple  
Identification  
Showing Red to  
Rear

Alternate Black  
and White Stripes

Slow Moving Vehicle Emblem  
Note: Emblem is to be  
made obscure when traveling  
at highway speed.

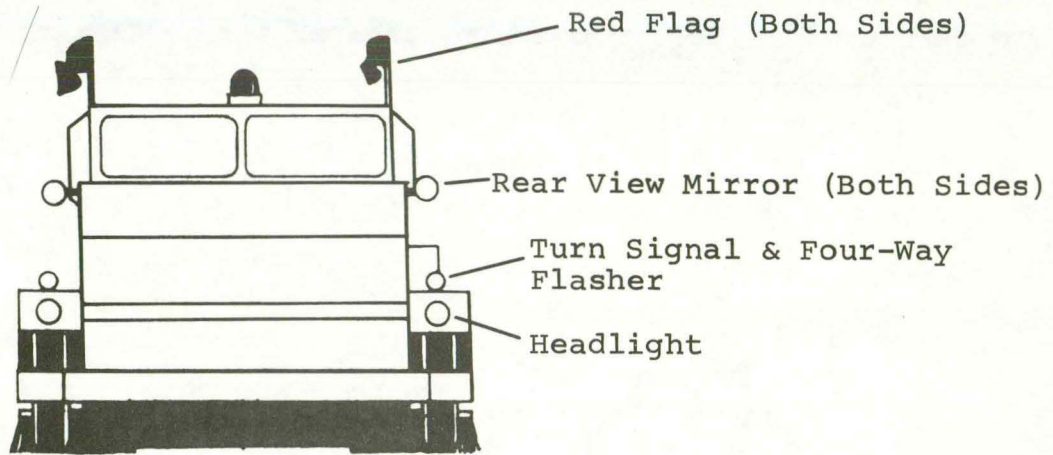
6" Amber Flasher Lights  
Both Sides caused to  
alternate flashes  
(Ping Pong)

REAR VIEW

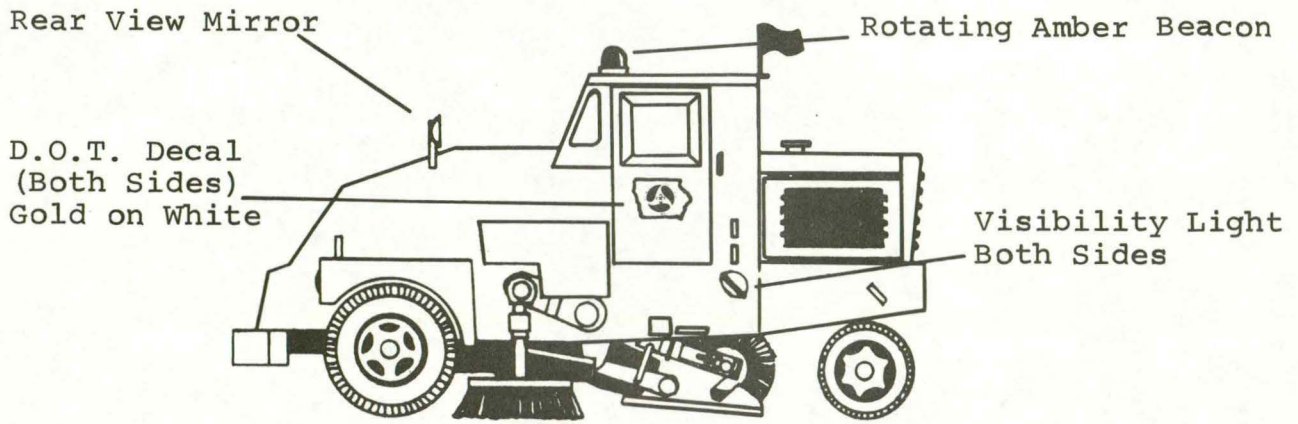
Combination Stop, Tail and  
Turn Light (Both Sides)

### Lighting Chart

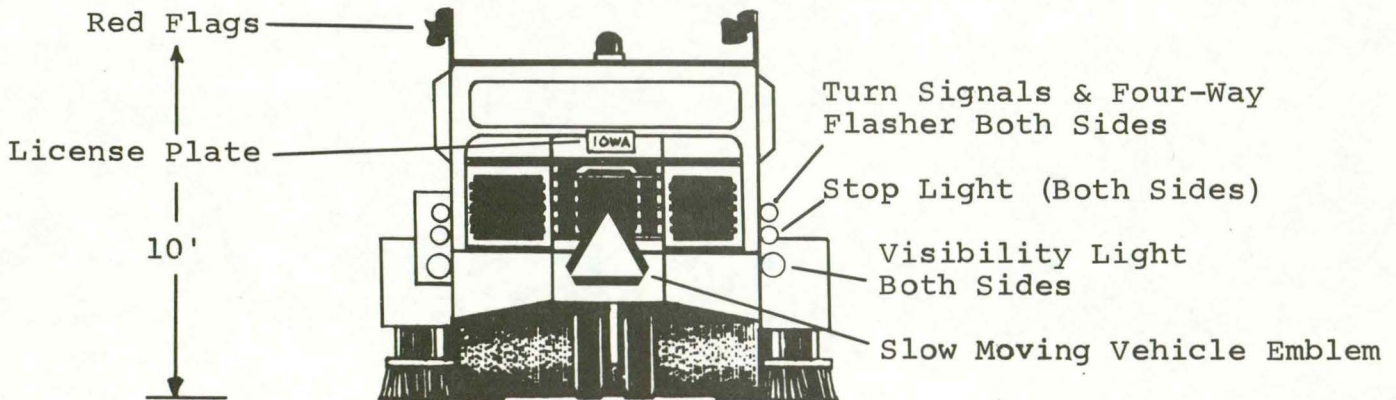
#### SELF PROPELLED PICKUP TYPE SWEEPER



FRONT VIEW



SIDE VIEW

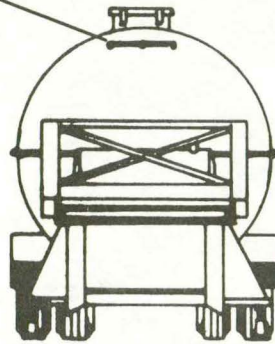


REAR VIEW

Note: Place red reflectors on each side of back end and on each side near back end. Place amber reflectors on each side of front and on each side near front end.

TANK (BITUMINOUS) 8000 GALLON - PULL TYPE

Triple Identification Lights  
Showing Amber to Front



Clearance Light Both Sides  
Showing Amber to Front  
and Side

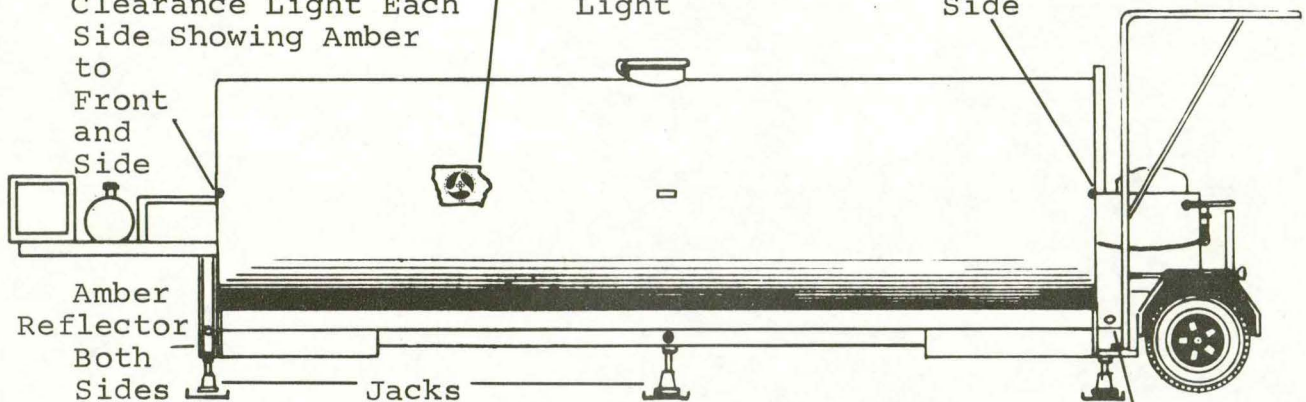
FRONT VIEW

D.O.T. Decal Both Sides

Clearance Light Each  
Side Showing Amber  
to  
Front  
and  
Side

Amber Clearance  
Light

Clearance Light Each Side  
Showing Red to Rear and  
Side



Amber  
Reflector  
Both  
Sides

Jacks

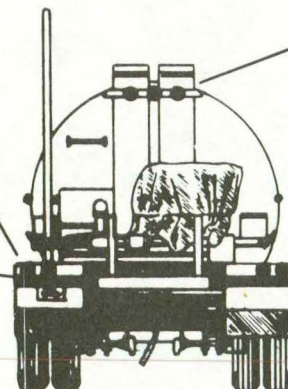
SIDE VIEW

Red Reflector  
Both Sides

Turn Signal  
Both Sides

Combination Stop &  
Tail Lights (Both  
Sides)

Triple Identification Lights  
Showing Red to Rear



Turn Signal Each Side

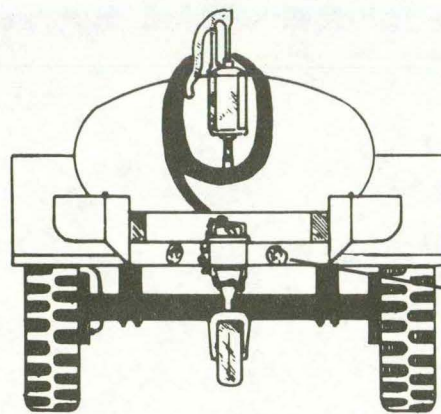
Red Reflector Both Sides

REAR VIEW

Note: Support tank on all jacks when used for storage of bitumen. Tank to be completely empty before moving. Reflectors to be not less than 20" or more than 42" above ground

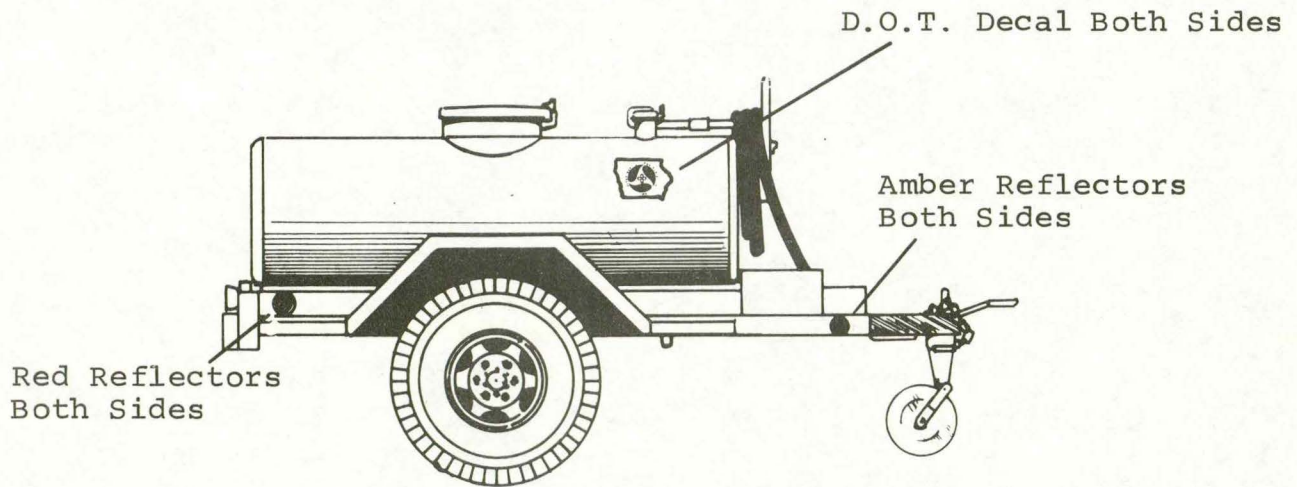
Lighting Chart

TWO WHEELED WATER TANK



Amber Reflectors  
Both Sides

FRONT VIEW

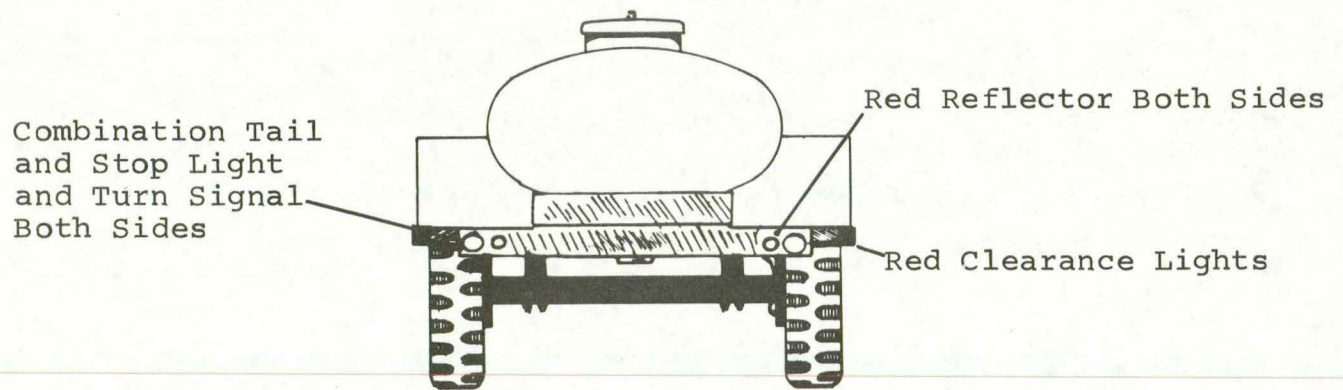


D.O.T. Decal Both Sides

Amber Reflectors  
Both Sides

Red Reflectors  
Both Sides

SIDE VIEW



Combination Tail  
and Stop Light  
and Turn Signal  
Both Sides

Red Reflector Both Sides

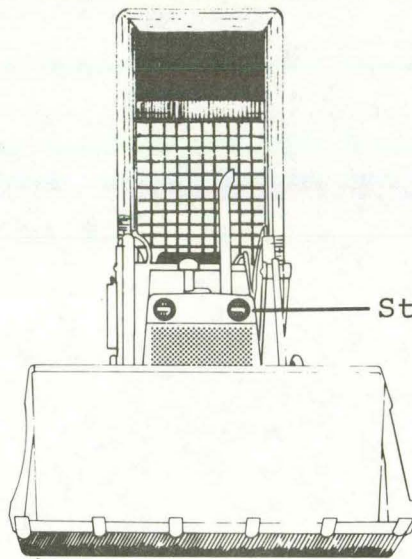
Red Clearance Lights

REAR VIEW



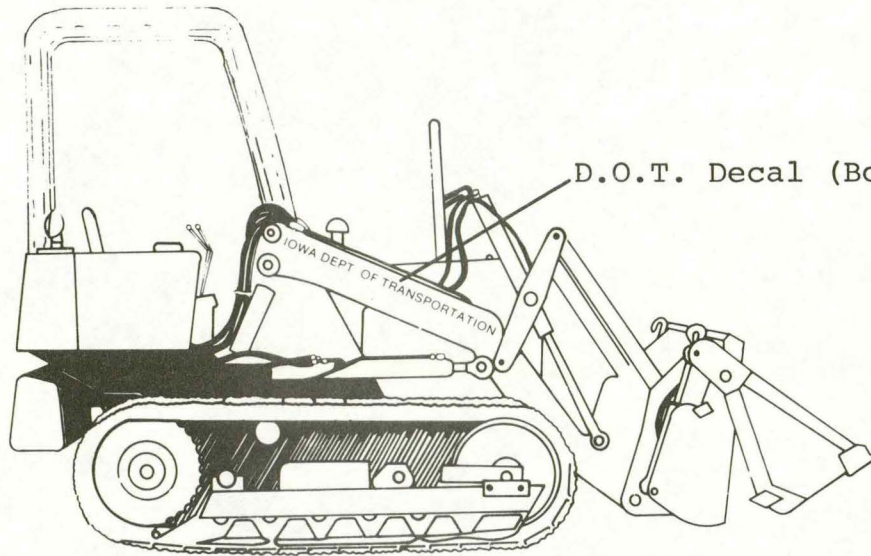
Lighting Chart  
MEDIUM DUTY CRAWLER TRACTOR WITH BUCKET

Page 37  
Revised: 9-1-80



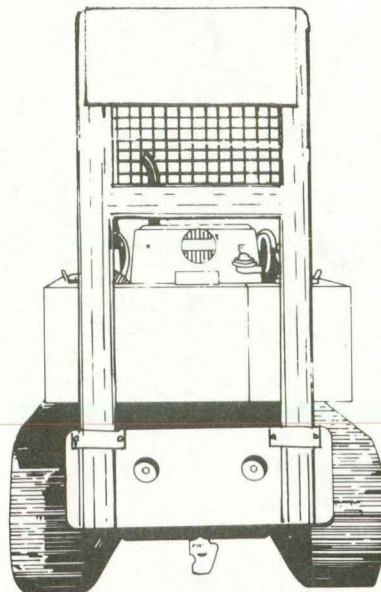
Standard Chassis Lighting

FRONT VIEW



D.O.T. Decal (Both Sides)

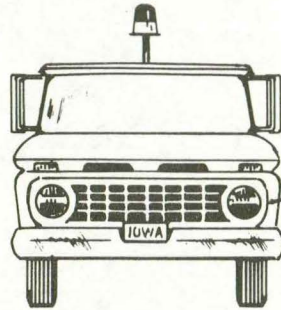
SIDE VIEW



REAR VIEW

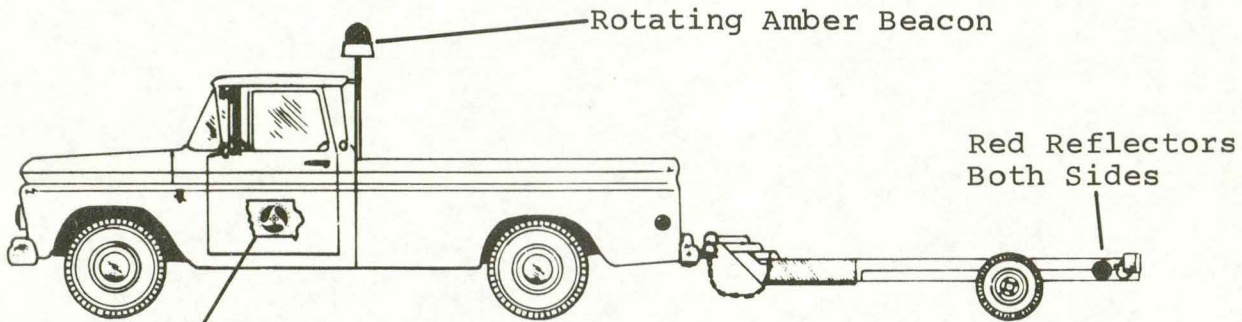
Lighting Chart

TRAILER FOR CURB PAINTING MACHINE



Standard Chassis Lighting

FRONT VIEW

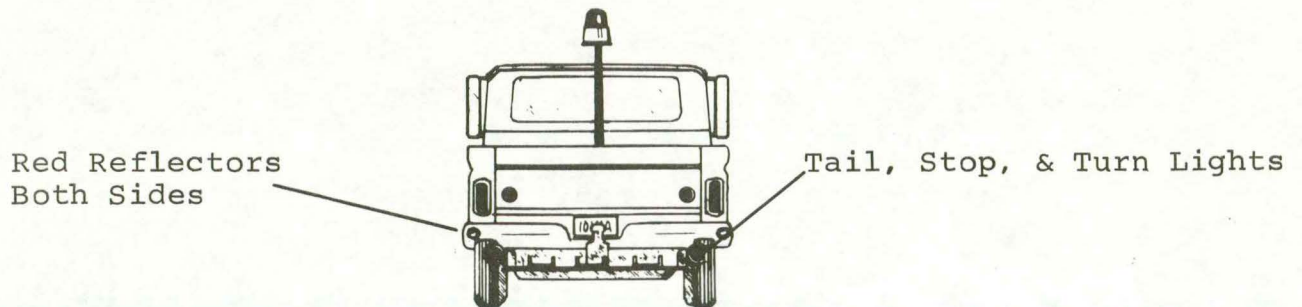


Rotating Amber Beacon

Red Reflectors  
Both Sides

D.O.T. Decal

SIDE VIEW

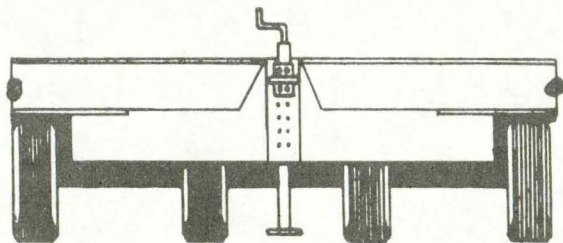


Red Reflectors  
Both Sides

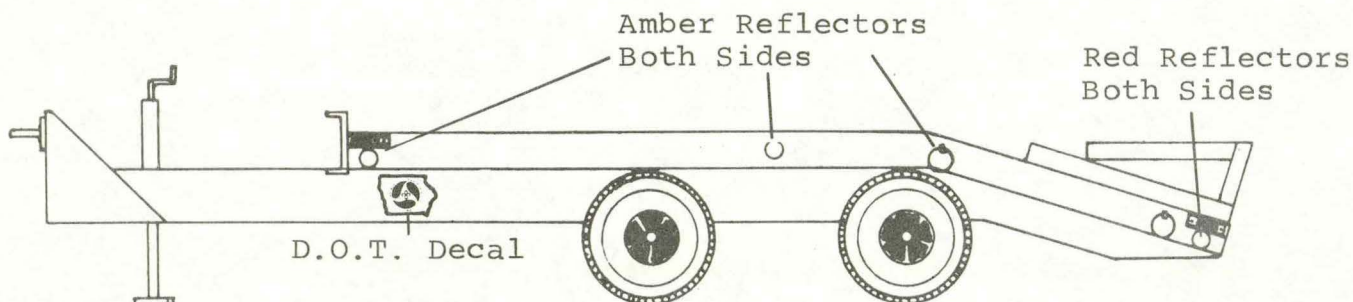
Tail, Stop, & Turn Lights

REAR VIEW

8-WHEEL LOW BOY TRAILER



FRONT VIEW

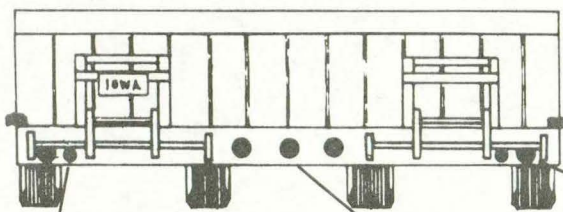


SIDE VIEW

Clearance light both sides at widest part of bed and as far forward as possible. Showing amber front and side set out on frame to outside of wheels.

Clearance light both sides showing red to rear and side and red reflector both sides. Set on frame out from bed to place clearance light to outside of wheels.

Combination Stop, Tail, and Turn Light Both Sides



REAR VIEW

Red reflectors Both Sides

Note: In order to obtain 20" minimum height for red reflectors on rear of this unit, it may be necessary to mount them on the fold-down loading ramps.

Triple identification lights showing red to rear

Lighting Chart  
LOW BOY SEMI TRAILER

Wide Load Sign  
Fold Down When not  
Needed

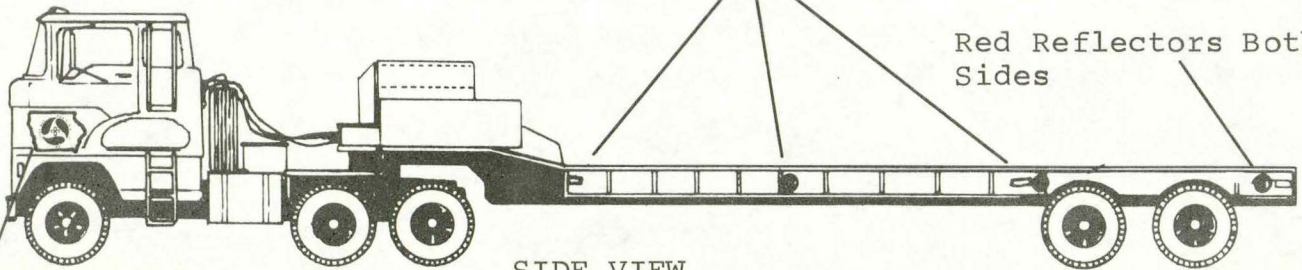


Standard Chassis Lighting

FRONT VIEW

At Least  
Two Amber Side Lights and  
Two Amber Reflectors on Each Side

Red Reflectors Both  
Sides

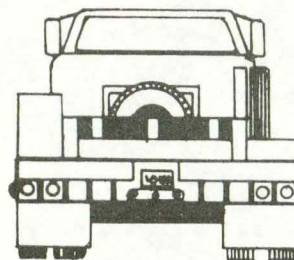


D.O.T. Decal on  
Both Doors

SIDE VIEW

Amber Clearance Light Showing  
to Front and Side to be placed  
at widest part of bed and as far  
front as possible. Also Amber  
Reflector to be placed near  
clearance light

Clearance light  
both sides  
showing Red to  
rear and side

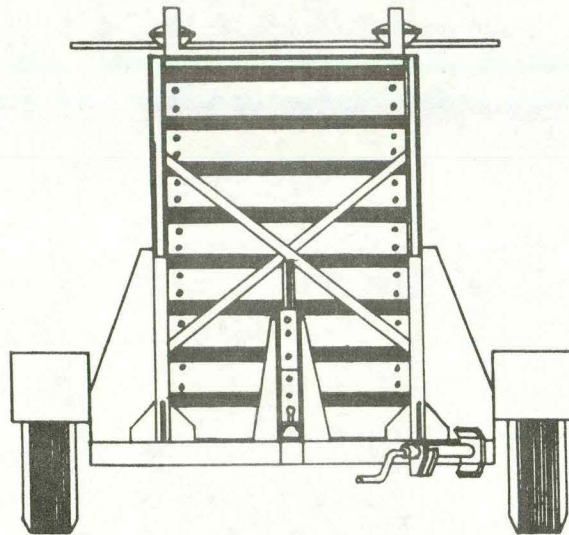


Red Reflector Both Sides

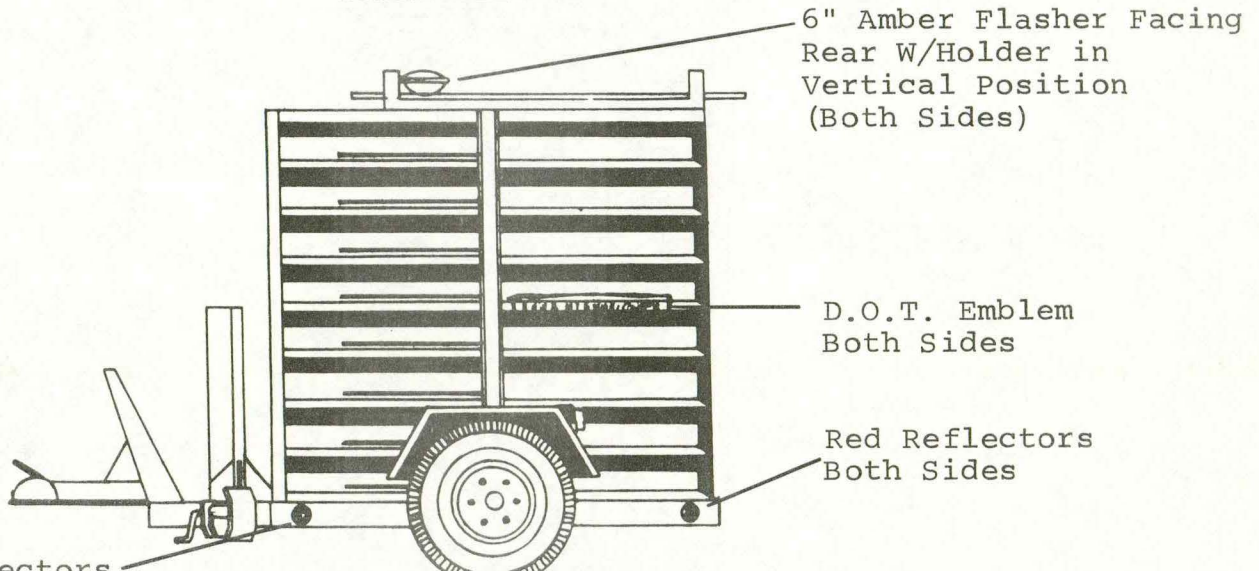
Clearance Light Both Sides  
Showing Red to Rear and  
Side

REAR VIEW

MULTI-SIGN TRAILER

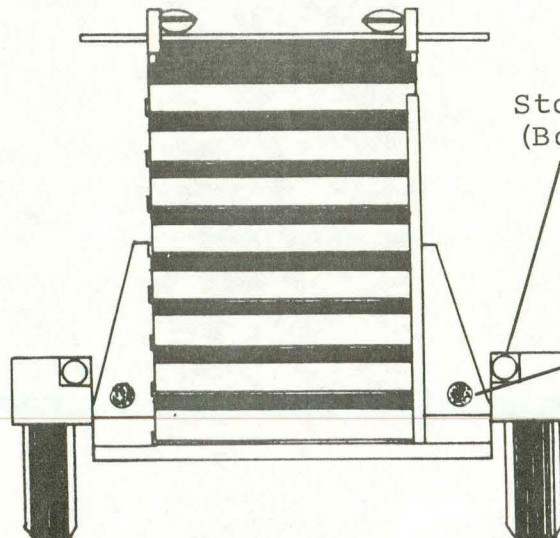


FRONT VIEW



Amber Reflectors  
Both Sides

SIDE VIEW

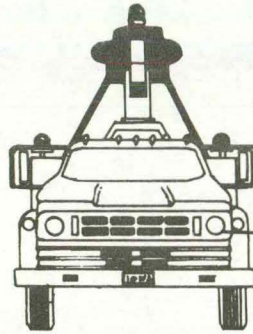


Stop, Tail, & Turn Lights  
(Both Sides)

Red Reflectors  
Both Sides

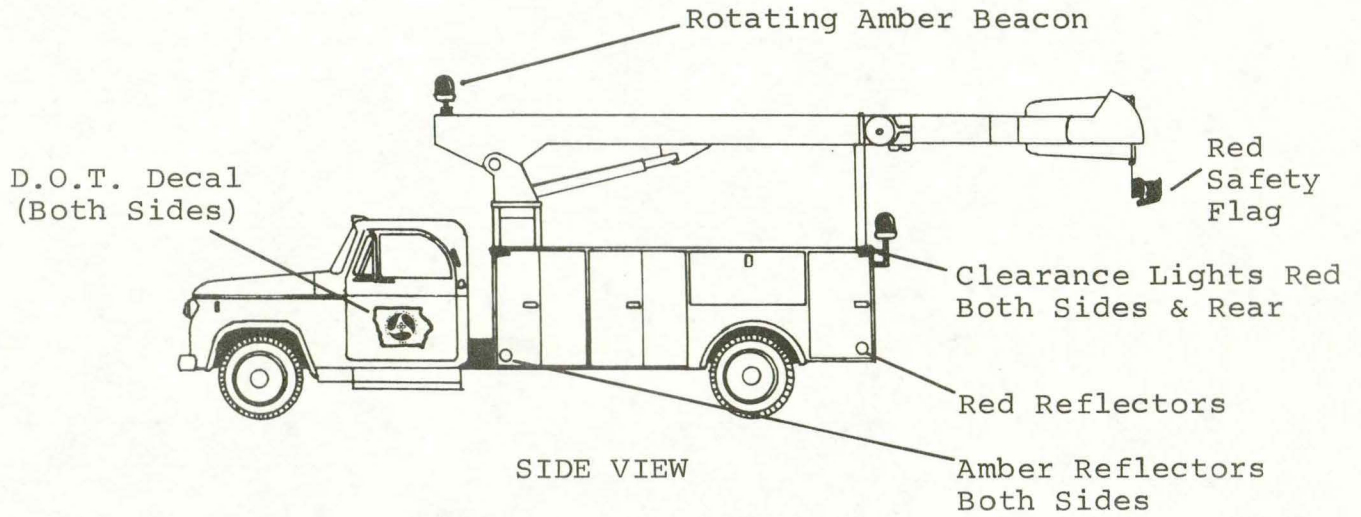
REAR VIEW

AERIAL BOOM TRUCK



Standard Chassis Lighting

FRONT VIEW



Rotating Amber Beacon

D.O.T. Decal  
(Both Sides)

Red  
Safety  
Flag

Clearance Lights Red  
Both Sides & Rear

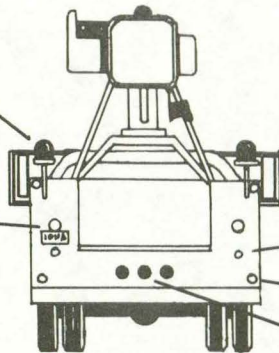
Red Reflectors

SIDE VIEW

Amber Reflectors  
Both Sides

Rotating Amber Beacon  
(Both Sides)

Combination  
Stop, Tail



Standard Turn Signals

Red Reflectors (Both Sides)

Triple Identification Red Lights

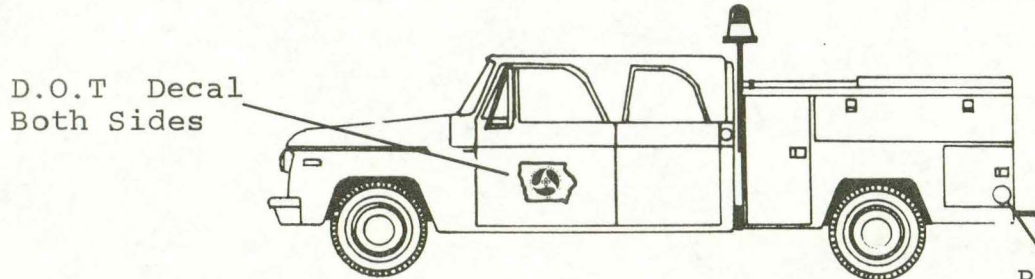
REAR VIEW

CREW CAB



Standard Lighting  
Throughout

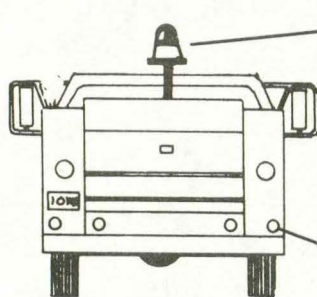
FRONT VIEW



D.O.T Decal  
Both Sides

Red Reflectors  
Both Sides

SIDE VIEW

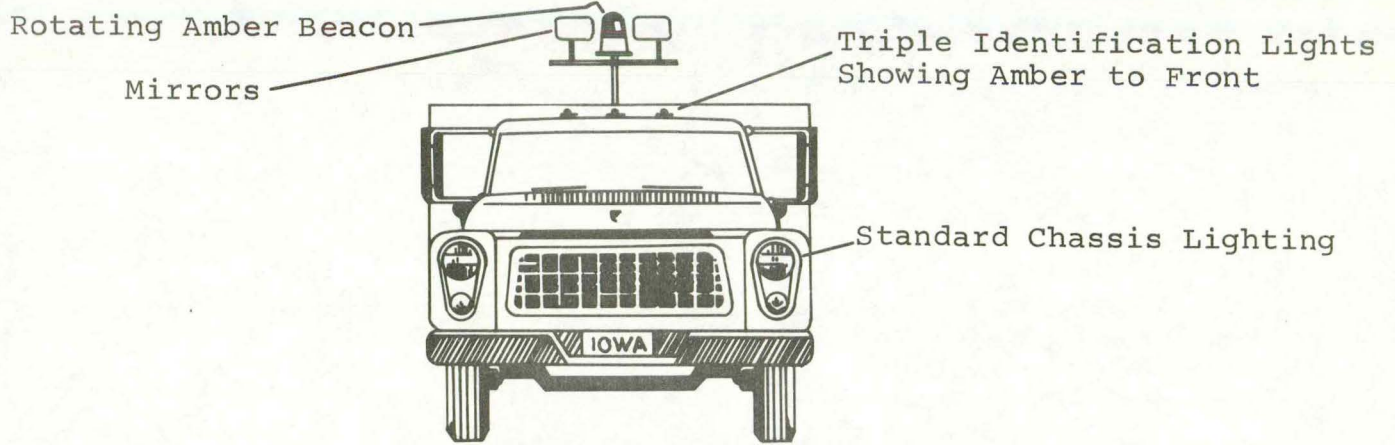


Rotating Amber Beacon

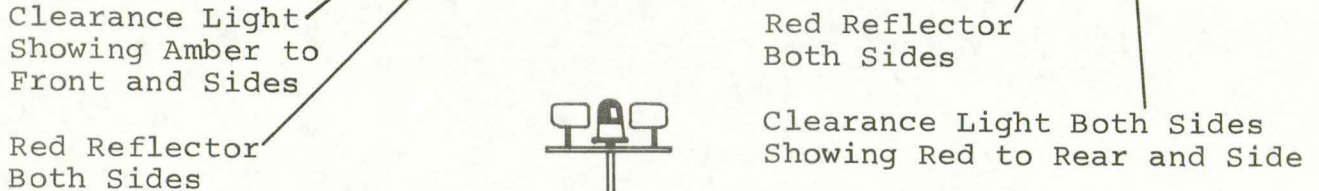
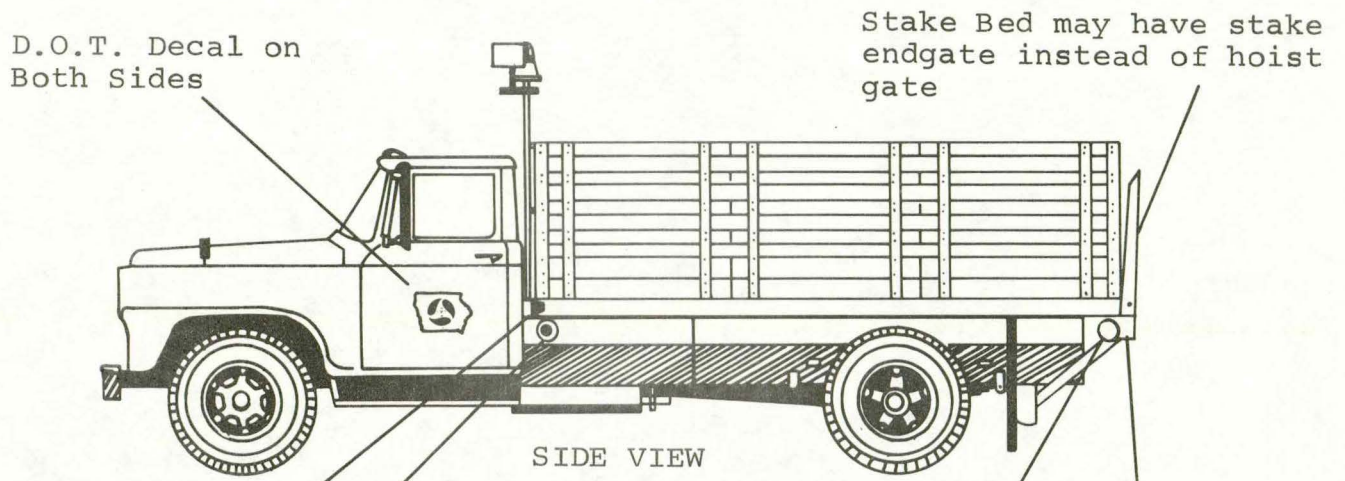
Red Reflectors Both Sides

REAR VIEW

TRUCK - STAKE OR FLAT BED  
CENTERLINE NURSE TRUCK



FRONT VIEW

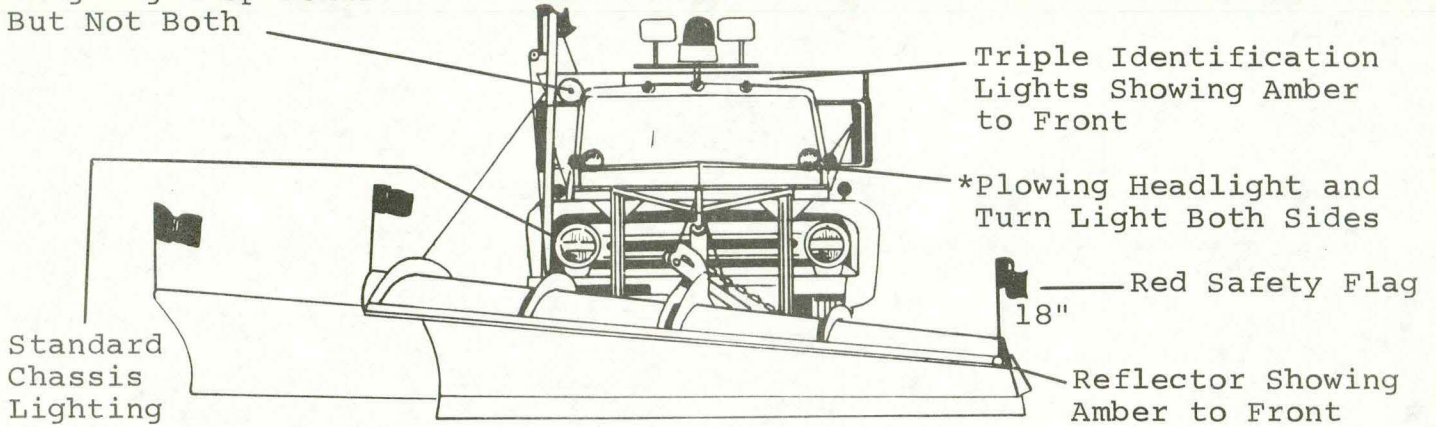


REAR VIEW



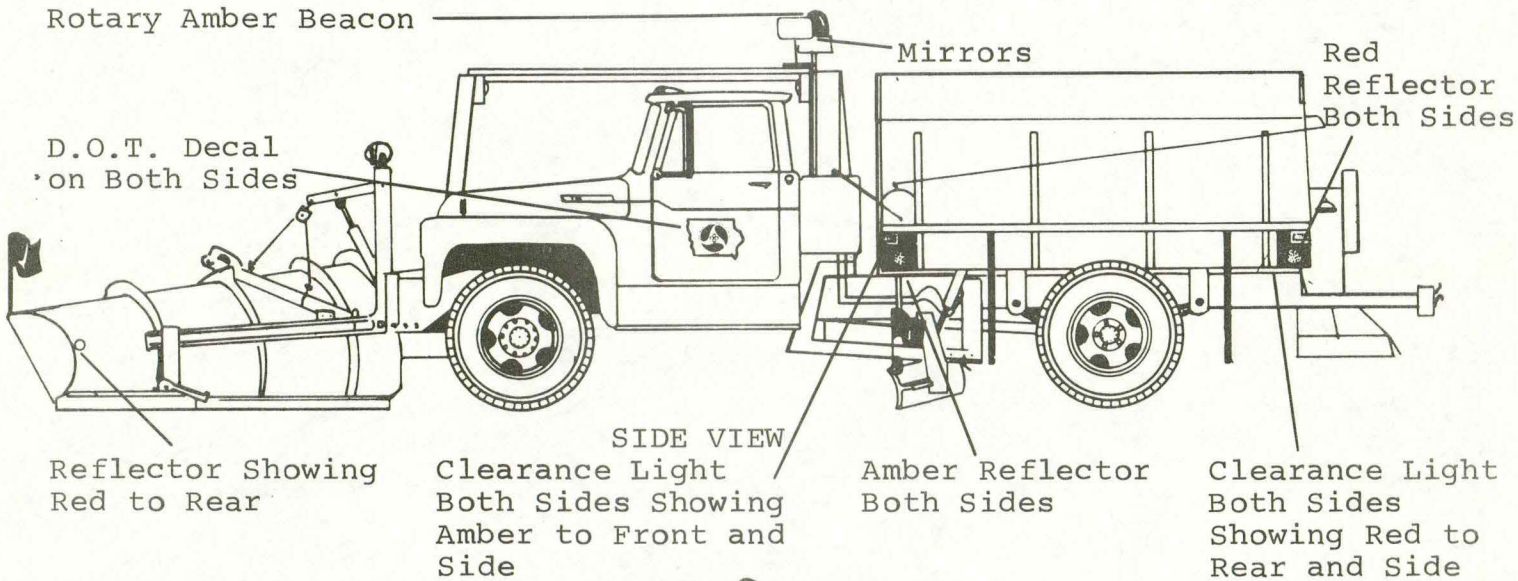
Lighting Chart  
 TANDEM, EXTRA HEAVY DUTY & HEAVY DUTY TRUCK  
 With SPREADER BOX, PLOW, WING

Spot Light or Fixed  
 Wing Light Optional  
 But Not Both



FRONT VIEW

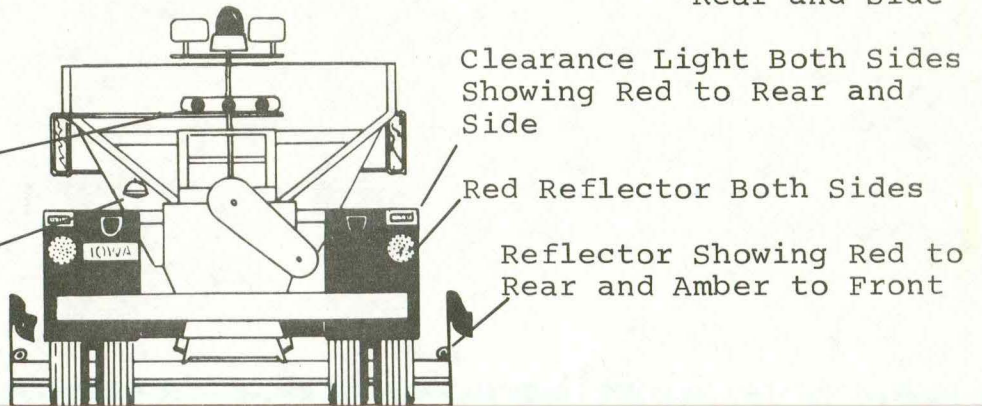
Rotary Amber Beacon



SIDE VIEW

Triple Identification  
 Lights Showing Red to  
 Rear

White Sanding Light  
 Left Side

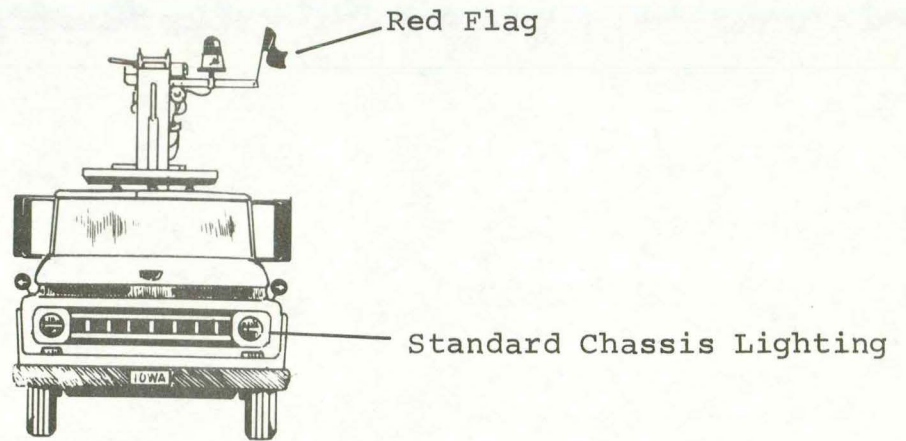


REAR VIEW

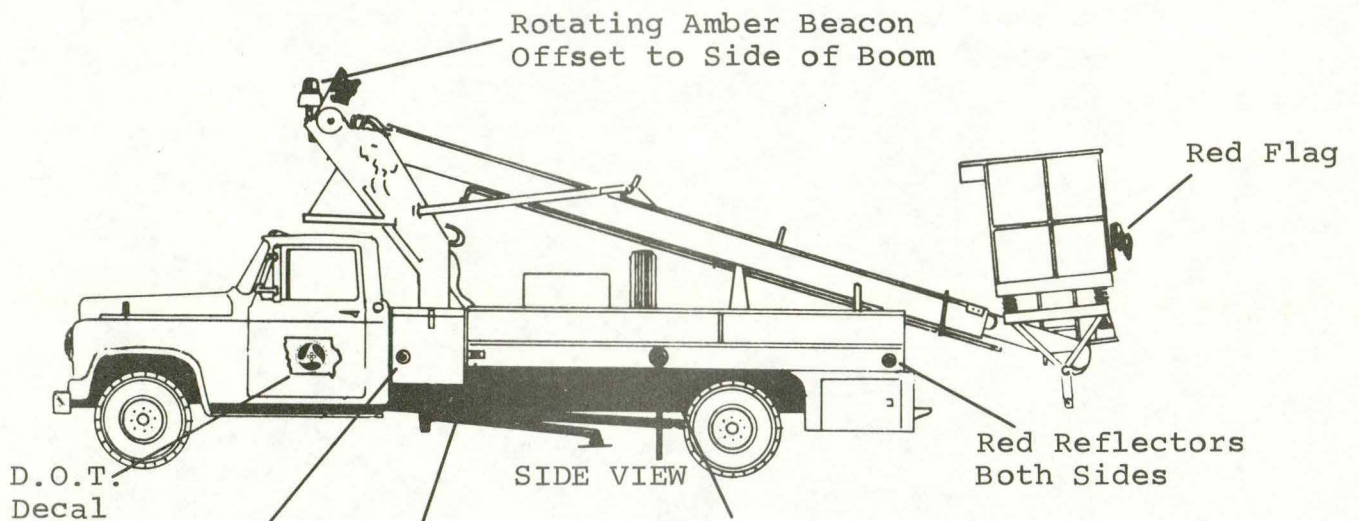
Note: Remote mounted turn signals only if regular signals are not visible with plow in raised position.

Lighting Chart

"CHERRY PICKER" HI-LIFT BOOM TRUCK



FRONT VIEW



SIDE VIEW

Amber Reflectors  
Front and Side

Amber Clearance Lights  
Front and Side

Rotating Amber Beacon  
Both Sides  
Mounted on under side  
of basket

Stop Lights  
Both Sides

Amber Reflectors  
Both Sides

Triple Identification Lights  
Red to Rear

Red Flags each side of basket  
while traveling only

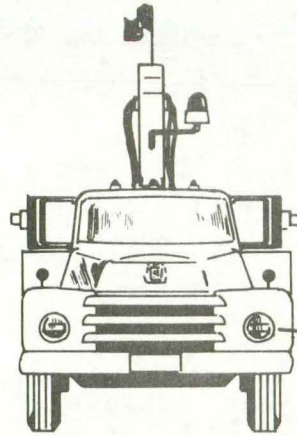
Red Clearance Side and  
Rear Both Sides

Standard Turn Signals  
Flashers Both Sides

Red Reflectors Both Sides

REAR VIEW

"SNOOPER" UNDER SPAN BOOM TRUCK

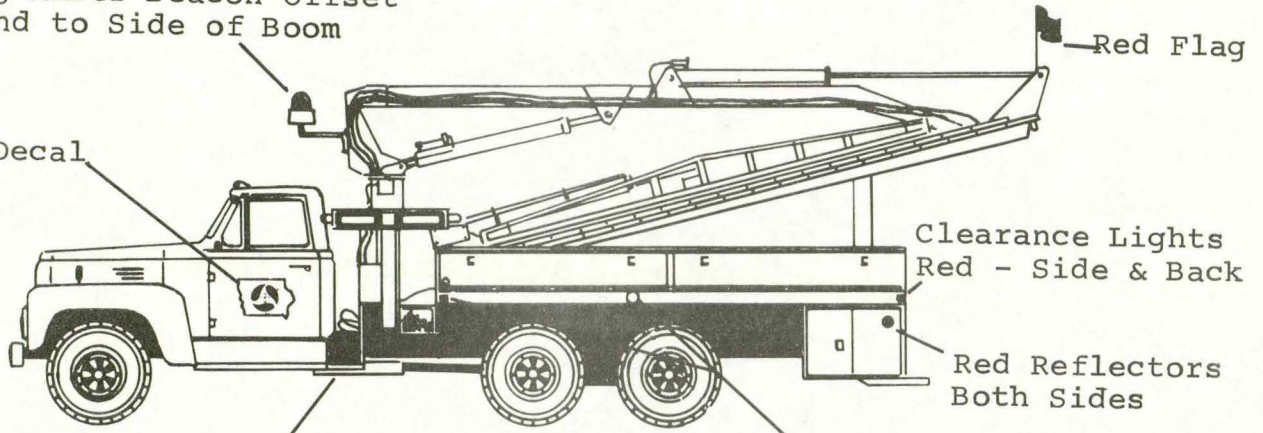


Standard Chassis Lighting

FRONT VIEW

Rotating Amber Beacon Offset  
Ahead and to Side of Boom

D.O.T. Decal



Red Flag

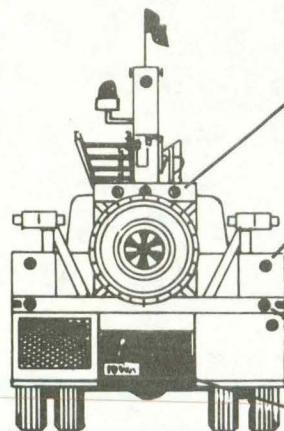
Clearance Lights  
Red - Side & Back

Red Reflectors  
Both Sides

Amber Clearance Lights  
Front & Side

SIDE VIEW

Amber Reflectors  
Both Sides



Triple Identification Light -  
Red to Rear

Amber Flashers Both Sides 6"

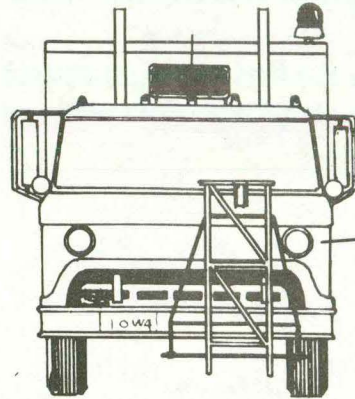
Red Reflectors Both Sides

Standard Turn Signals  
Both Sides

6" Stop Light

REAR VIEW

LINE MARKING TRUCK

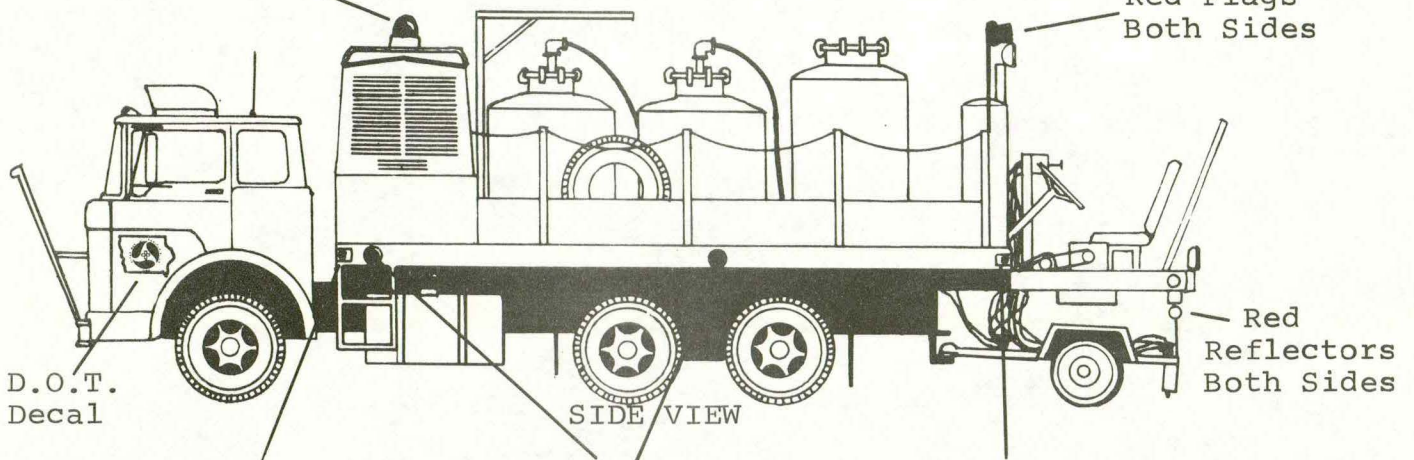


Standard Chassis Lighting

FRONT VIEW

Rotating Amber Beacon  
Mount to Height Visible from  
Rear of Unit

Red Flags  
Both Sides



D.O.T.  
Decal

SIDE VIEW

Red  
Reflectors  
Both Sides

Amber Clearance  
Lights Front & Side

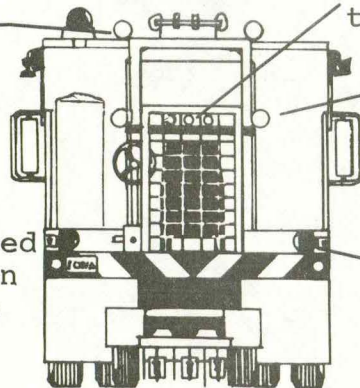
Amber Reflectors  
Both Sides

Red Clearance Lights to  
Side and Rear

6" Amber Flashers

Triple Identification Lights Showing  
to Rear. Mounted on Guard

8" Stop on 4 Way Flasher  
Both Sides



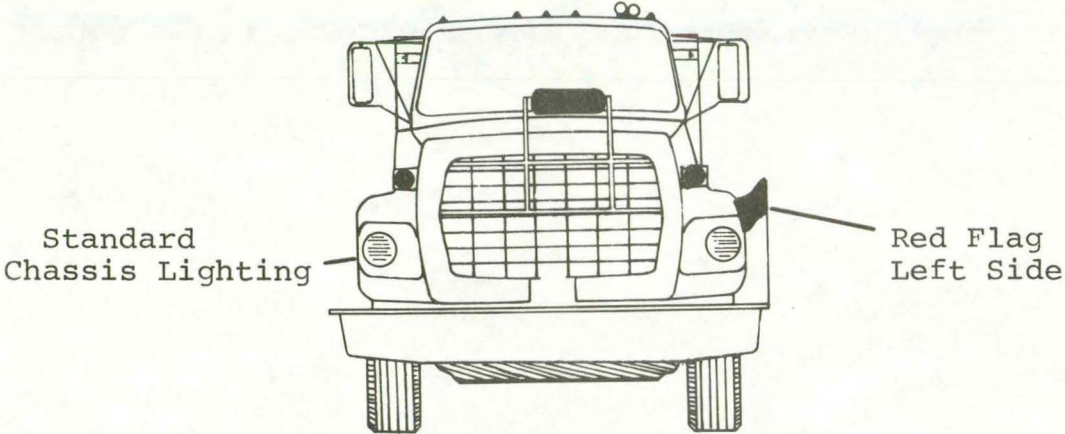
Note: Signs displayed  
may vary depending on  
current traffic line  
marking policy

Red Reflectors Both Sides

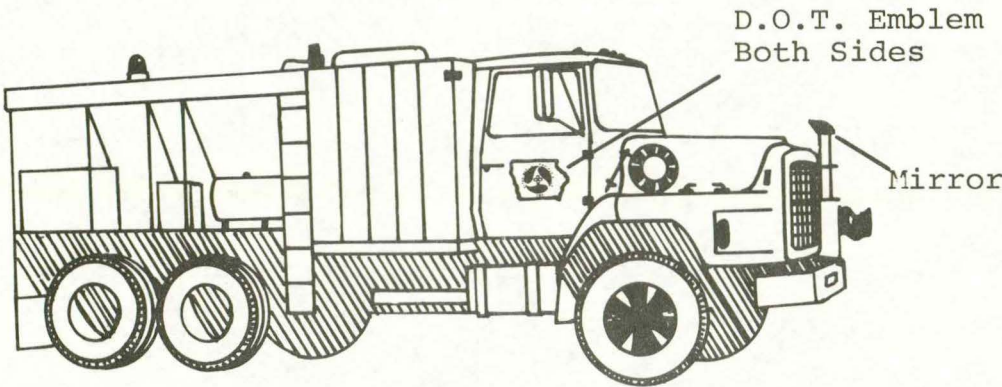
REAR VIEW

LIGHTING CHART  
Truck, Machine, Slurry

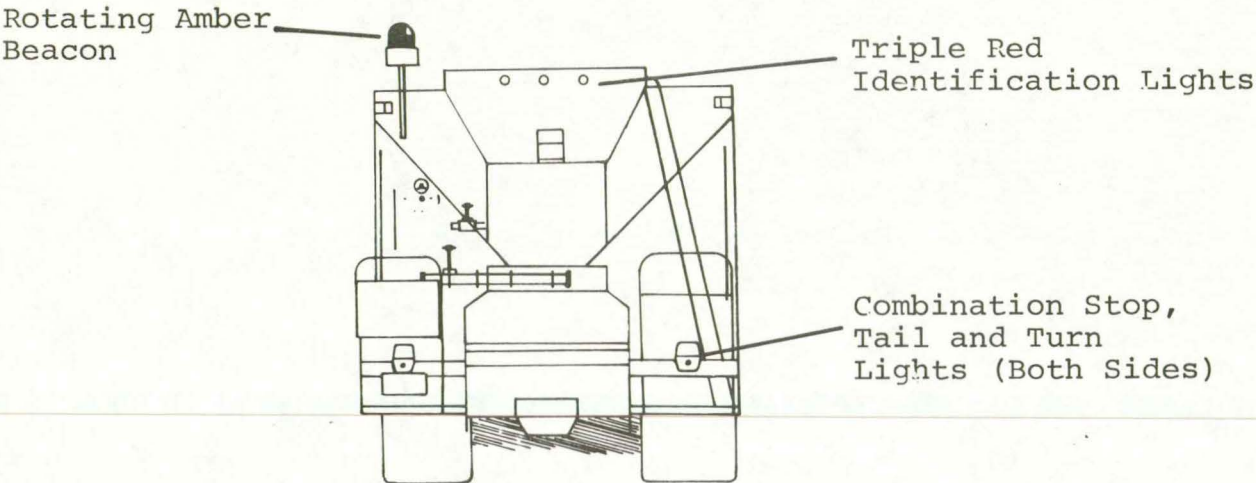
Revised: 9-1-80



FRONT VIEW

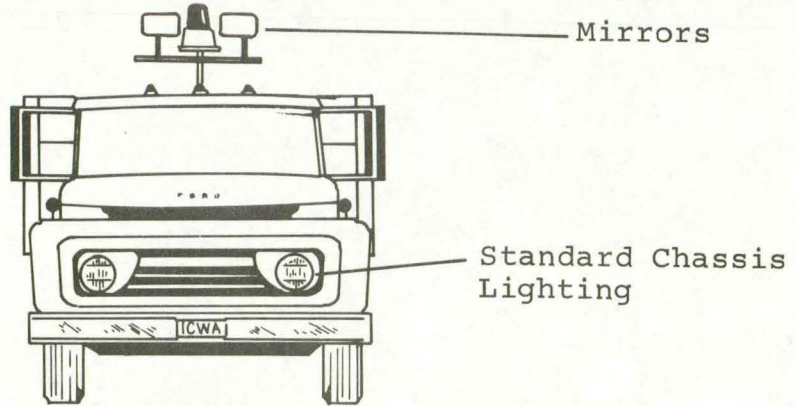


SIDE VIEW

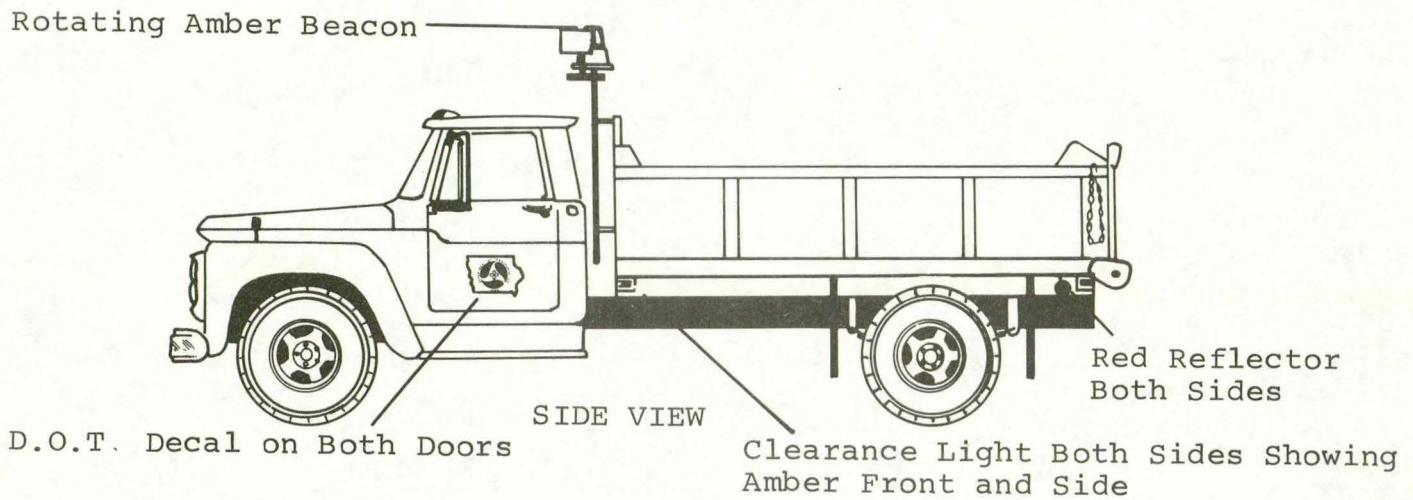


REAR VIEW

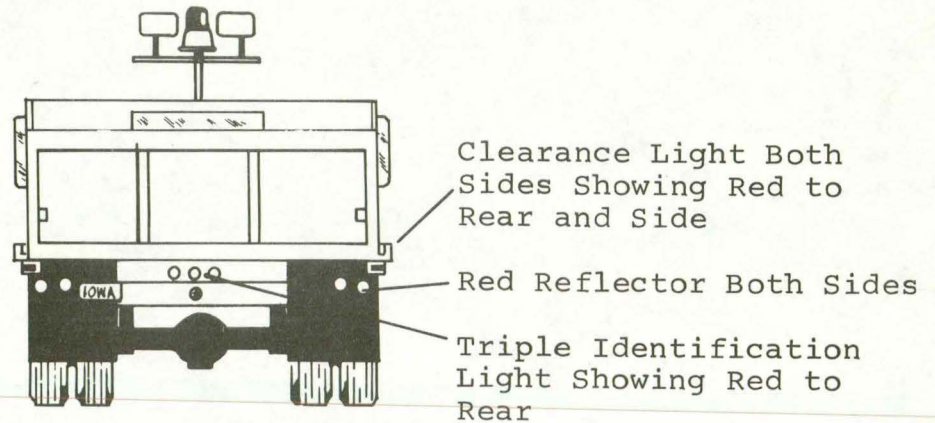
Lighting Chart  
MEDIUM DUTY TRUCK WITH DUMP BODY



FRONT VIEW

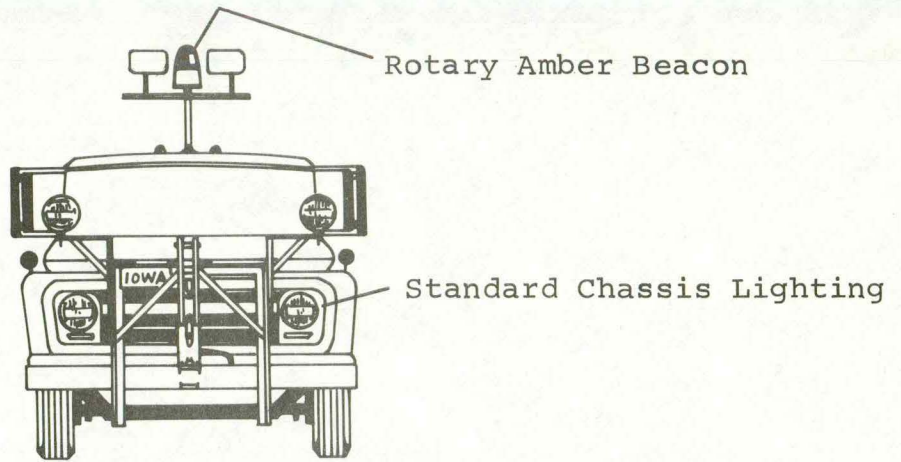


SIDE VIEW



REAR VIEW

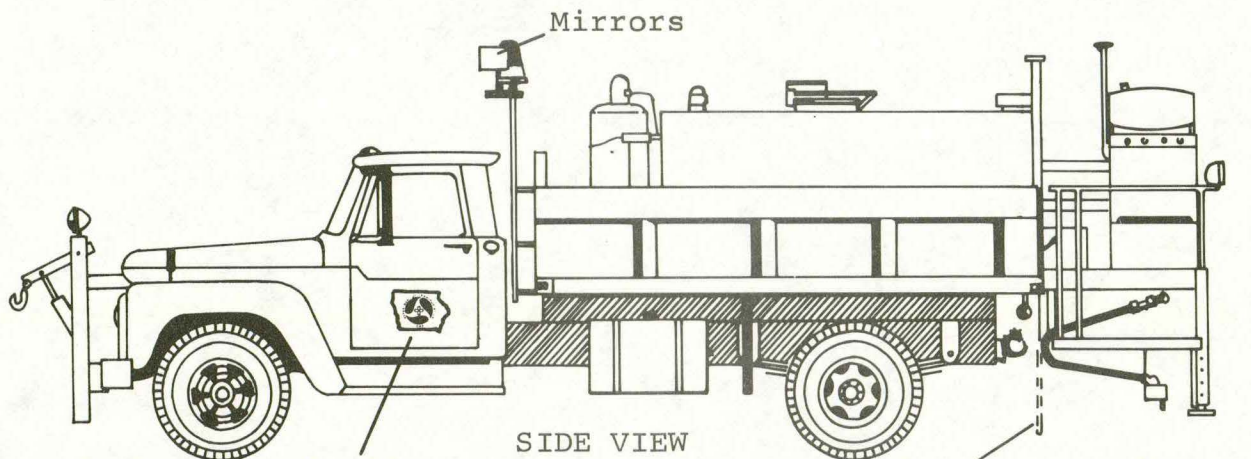
MEDIUM DUTY TRUCK WITH SLIP IN DISTRIBUTOR



Rotary Amber Beacon

Standard Chassis Lighting

FRONT VIEW



Mirrors

SIDE VIEW

D.O.T. Decal Both Sides

Curtain attached to distributor frame optional

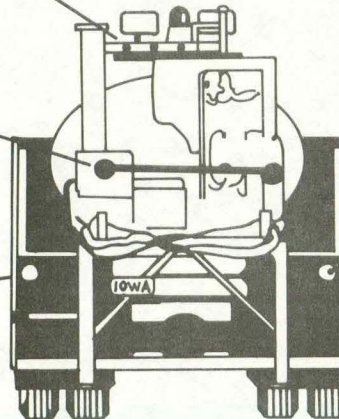
Triple Identification Lights Showing Red to Rear

Combination Tail, Stop, Turn Signal Both Sides

Clearance Light Showing Red to Rear if truck clearance light is obstructed by Distributor

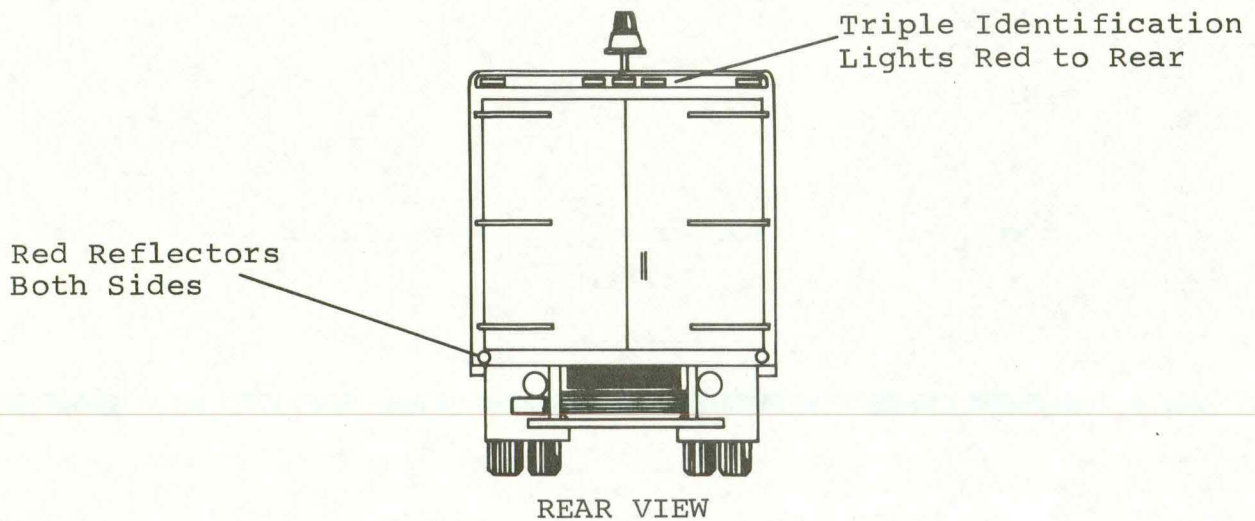
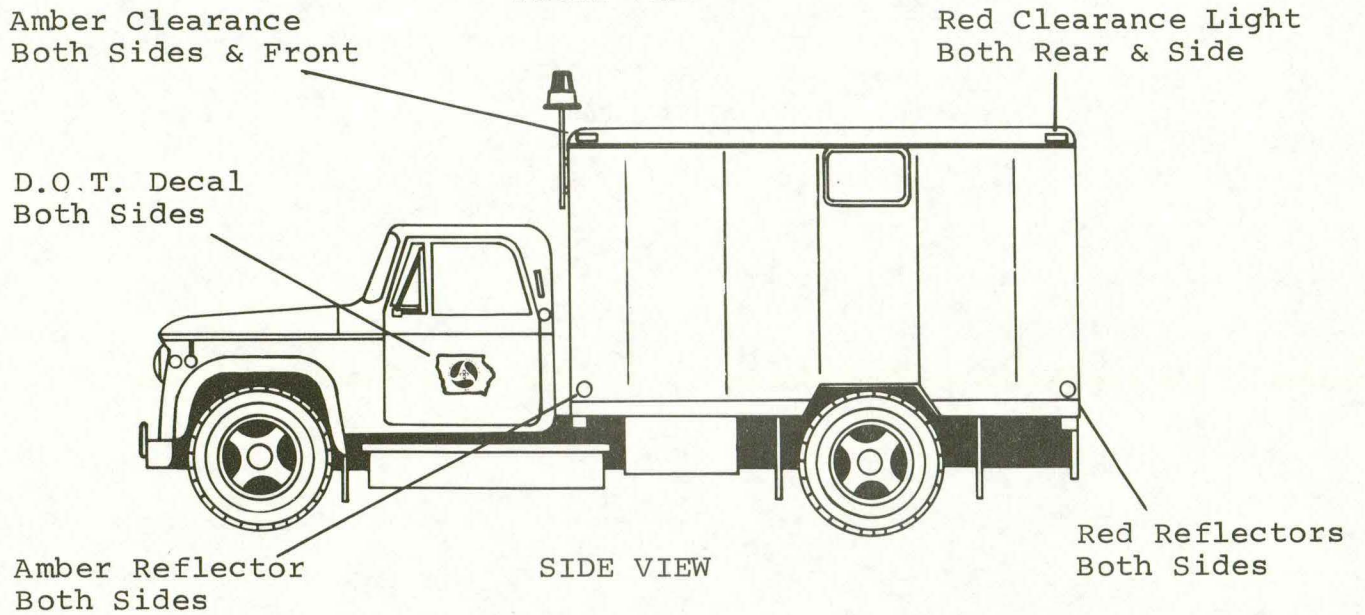
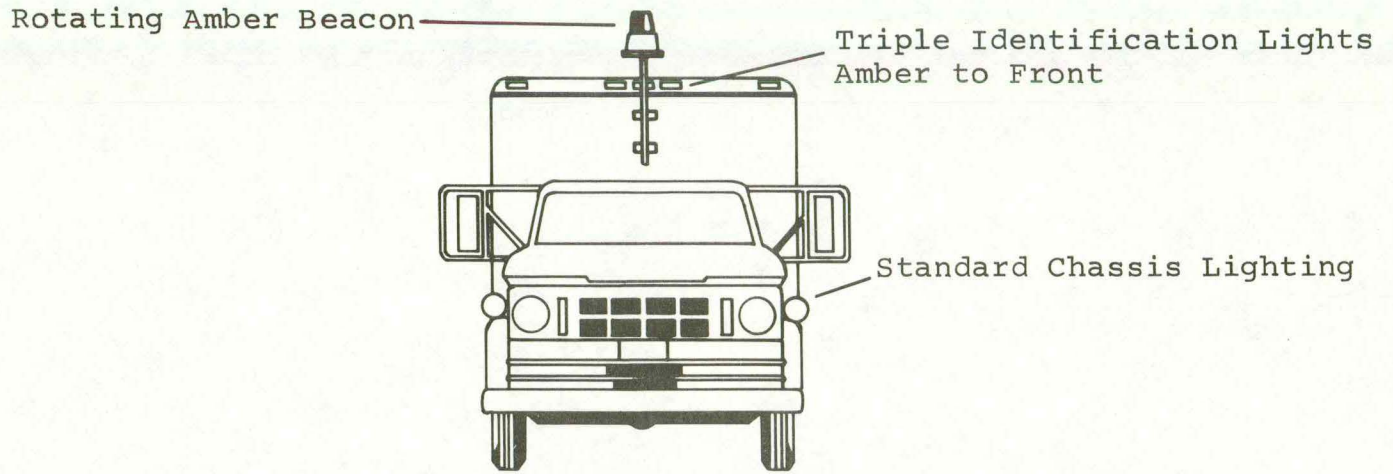
Red Reflector Both Sides

Note: Rotating beacon will be visible above distributor from rear



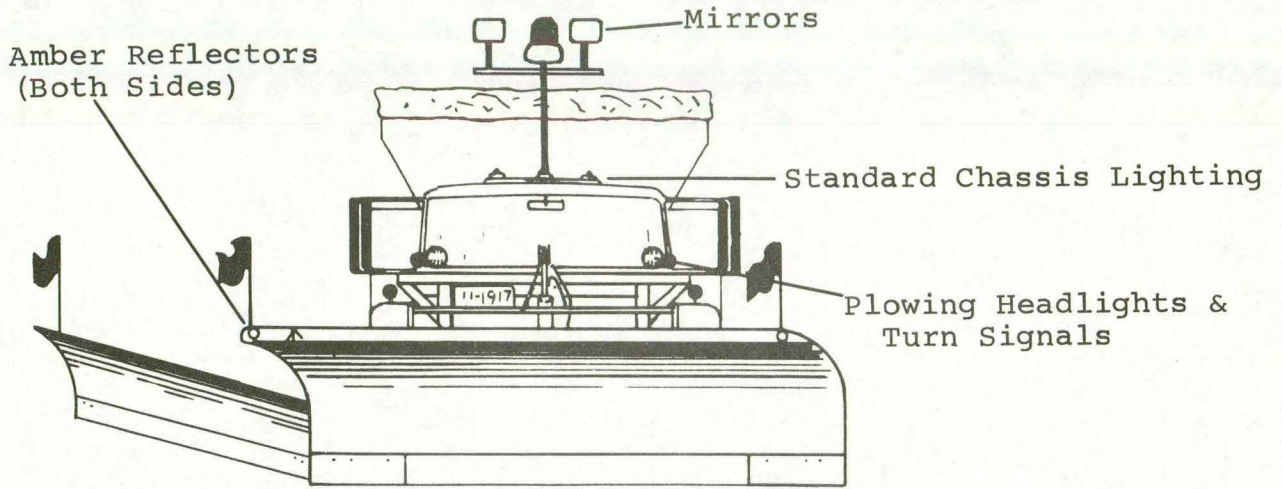
REAR VIEW

MEDIUM DUTY TRUCK WITH VAN BODY

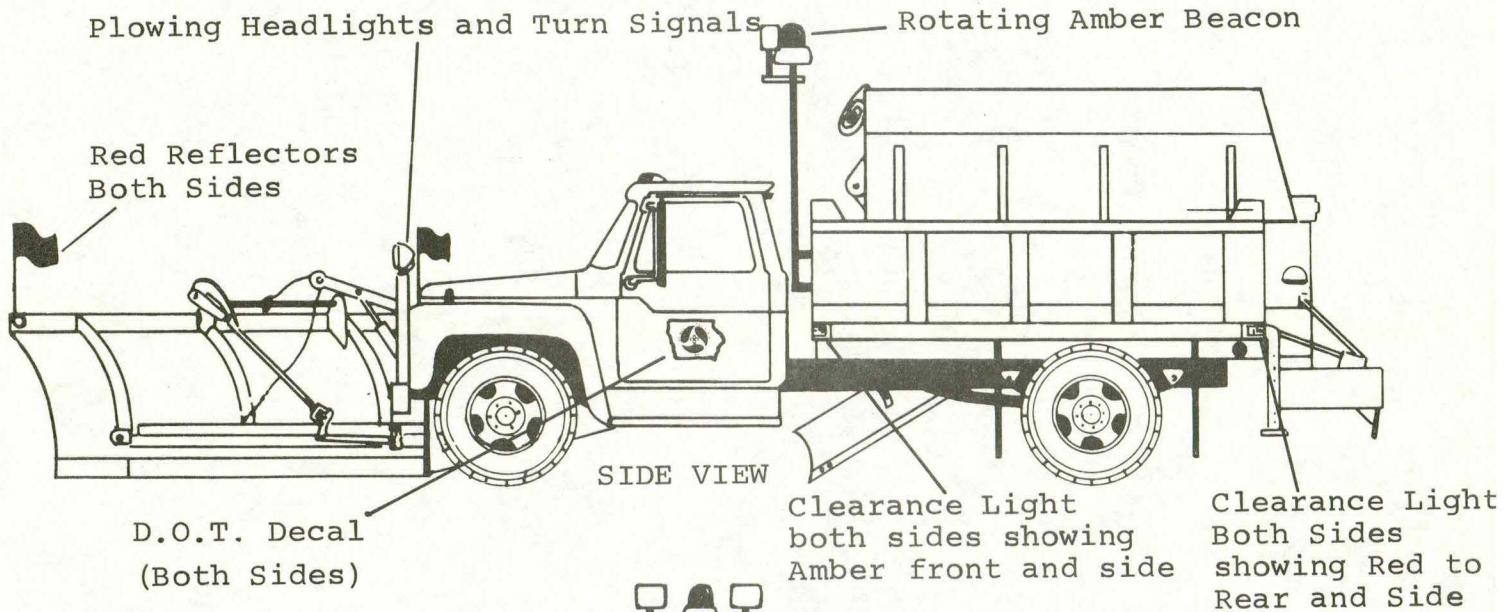




RIGHT OR LEFT HAND WING, REVERSIBLE PLOW AND HIGH SPEED PLOW



FRONT VIEW



SIDE VIEW

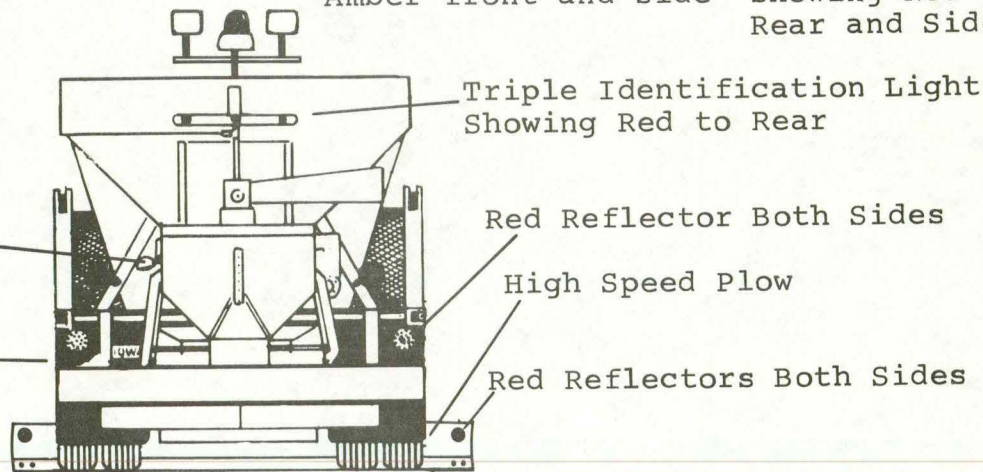
Amber Reflectors  
(Both Sides)

Red Reflectors  
Both Sides

D.O.T. Decal  
(Both Sides)

White sand lights  
Left Side

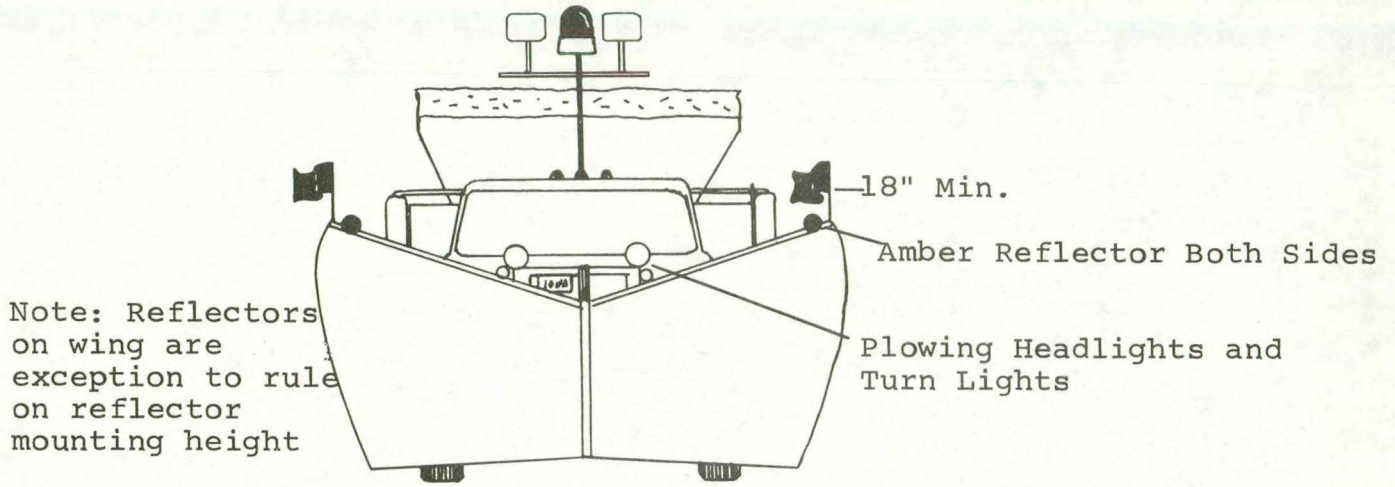
Stop, Tail and  
Turn Signals  
Both Sides



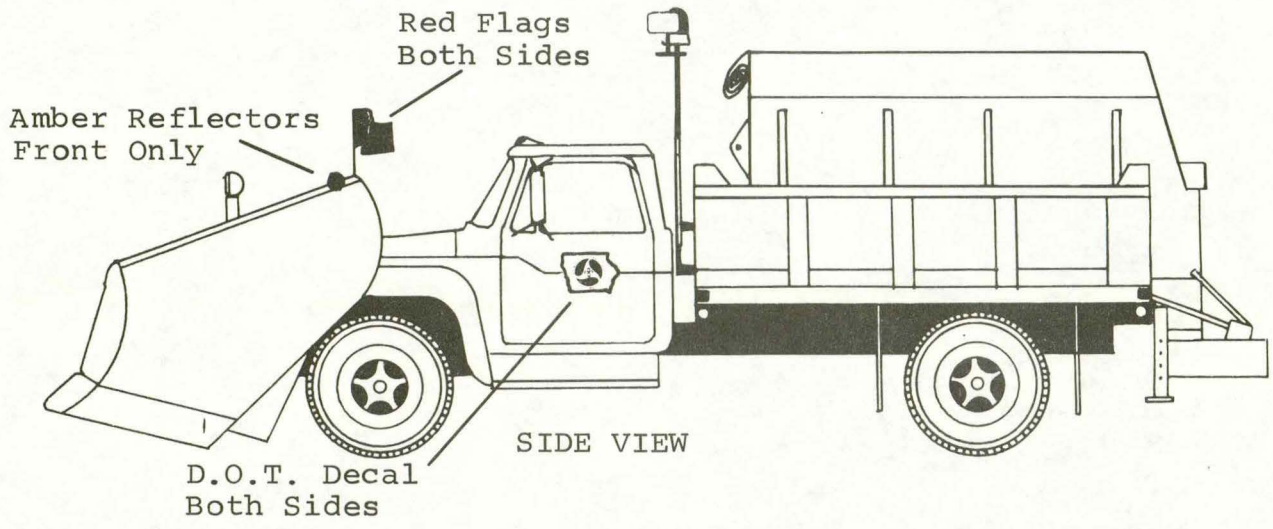
REAR VIEW

Lighting Chart

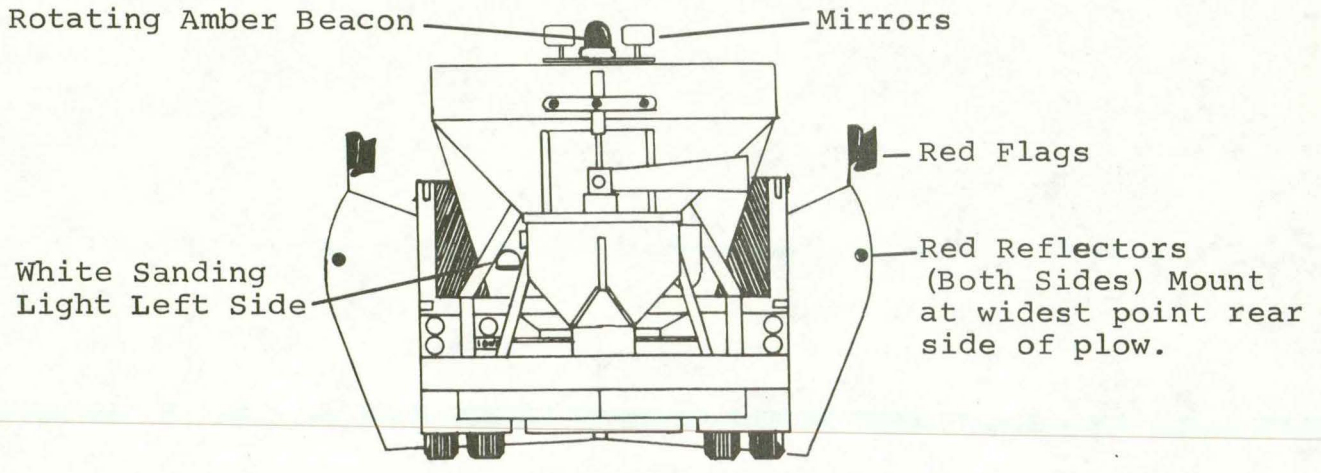
MEDIUM DUTY TRUCK WITH V SNOW PLOW



FRONT VIEW



SIDE VIEW



REAR VIEW

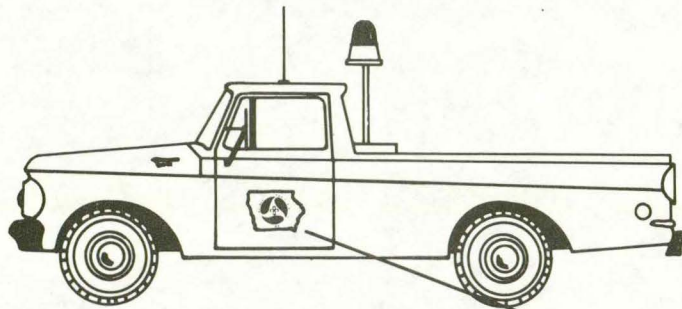
Lighting Chart

PICKUP TRUCK



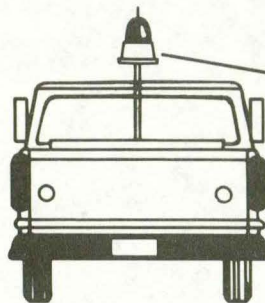
Standard Lighting Throughout

FRONT VIEW



D.O.T. Decal on Both Sides

SIDE VIEW



Rotating Amber Beacon

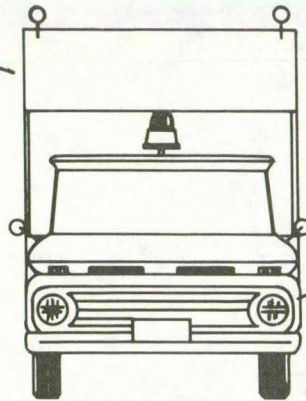
REAR VIEW

Note: If spotlight is needed request hand held, sealed beam type which plugs into cigarette lighter.

LINE MARKING PICKUP

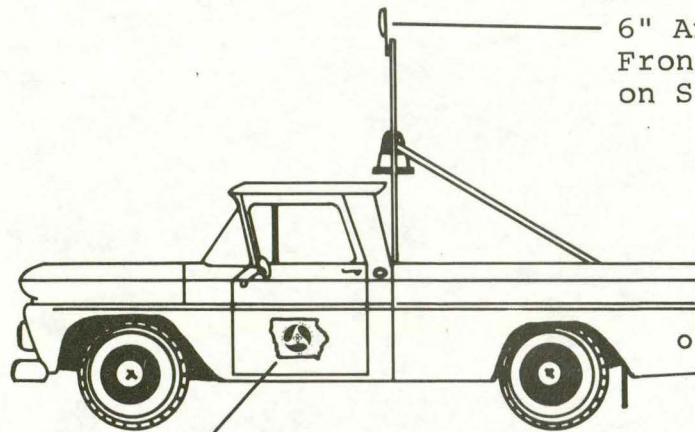
Fold Down Sign

Note: Sign displayed  
may vary depending on  
current traffic line  
marking policy



Standard Lighting  
Throughout

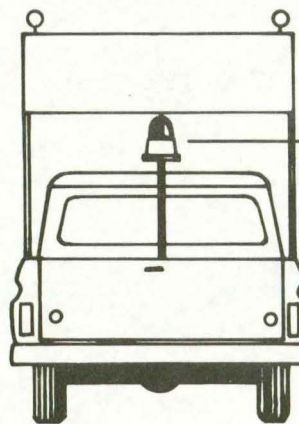
FRONT VIEW



6" Amber Flashers Facing  
Front or Rear Depending  
on Sign Position in Line

D.O.T. Decal on Both Doors

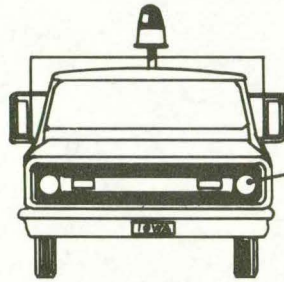
SIDE VIEW



Rotating Amber Beacon

REAR VIEW

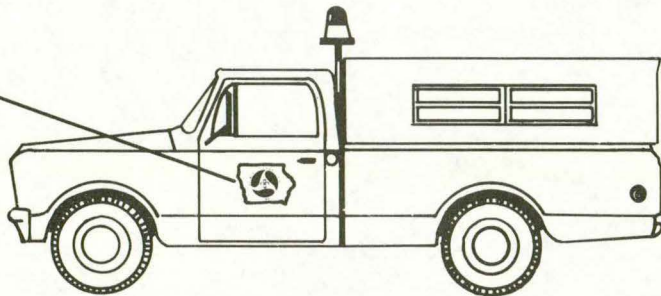
Lighting Chart  
PICKUP WITH TOPPER



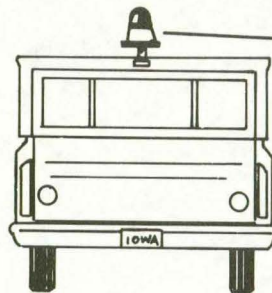
Standard Lighting  
Throughout

FRONT VIEW

D.O.T Decal  
Both Sides



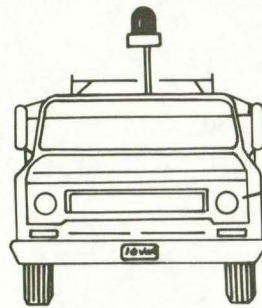
SIDE VIEW



Rotating Amber Beacon

REAR VIEW

3/4 & 1 TON PICKUP WITH FLAT OR STAKE BED

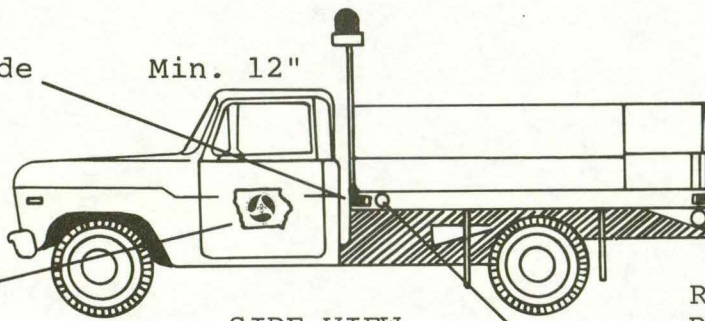


Standard Chassis Lighting

FRONT VIEW

Amber Clearance  
Both Front & Side

Min. 12"



Red Clearance  
Both Back & Side

D.O.T. Decal  
Both Sides

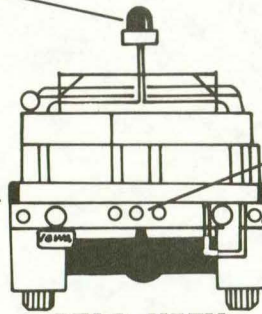
SIDE VIEW

Red Reflector  
Both Sides

Amber Reflector  
Both Sides  
(Optional)

\*Rotating Amber Beacon

Min. Mounting Height  
12 inches above cab



Triple Identification  
Lights Red to Rear

Red Clearance Lights  
Both Sides

Red Reflector Both Sides

REAR VIEW

\*Mounting bracket should be adjustable with minimum height as shown and capability of extension to clear any load or equipment on the truck bed.

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