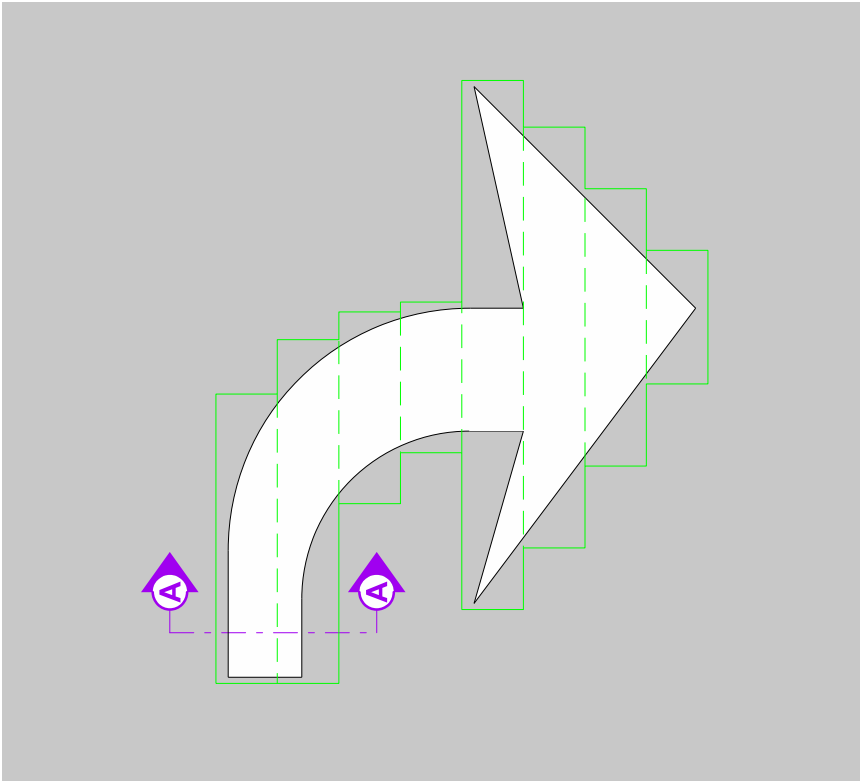
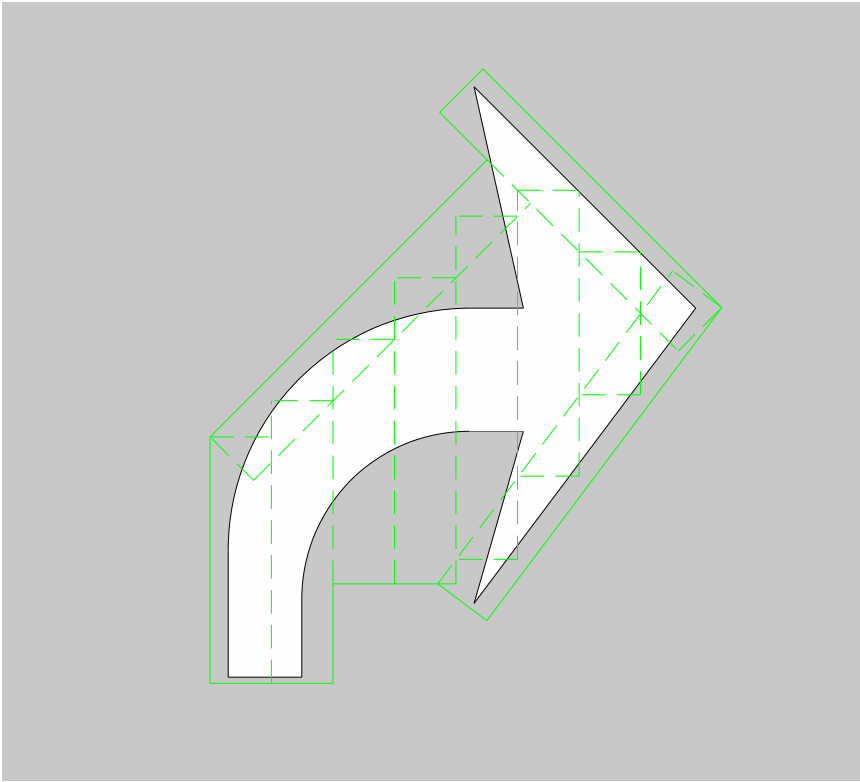
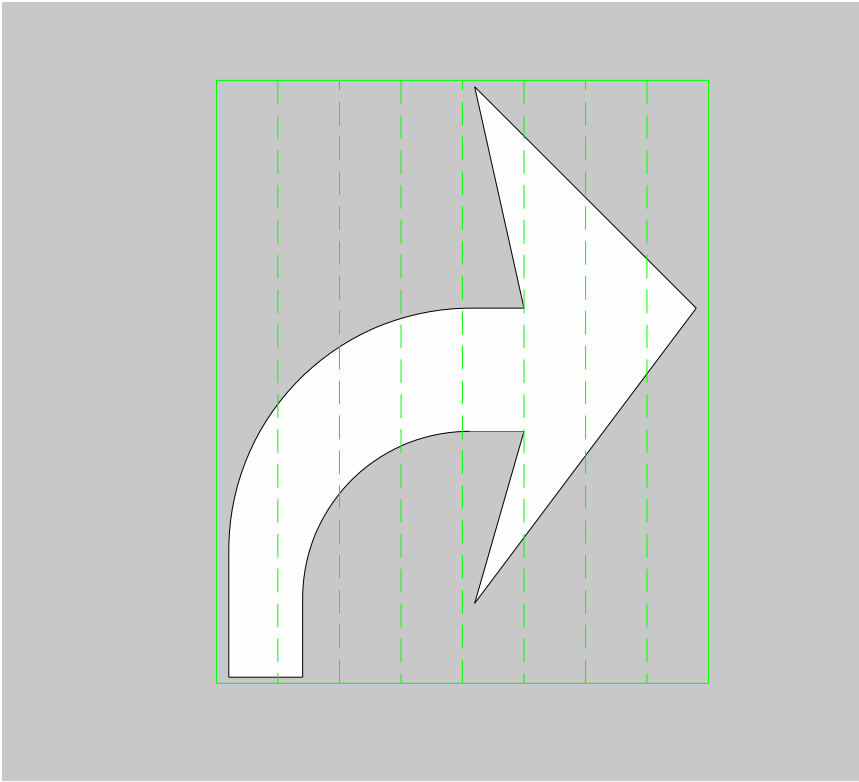




PLAN
Option 1



PLAN
Option 2



PLAN
Option 3



CROSS-SECTION/PROFILE
SECTION A-A

Option 1 shall be used unless specified otherwise by project documents or engineer. If option 2 or 3 is used no additional reimbursement will be given.

A minimum one (1) inch margin shall be place all the way around painted symbol.

Refer to PM-111 for details of painted symbols.

Layouts and areas are based on a ten (10) inch grooving head.

 Boundary of grooving

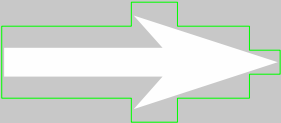
Possible Contract Item:
Grooves Cut for Symbols
and Legends

Possible Tabulation:
108-29

 IOWA DOT	REVISION	
	NEW	4-16-24
STANDARD ROAD PLAN	PM-116	
	SHEET 1 of 3	
REVISIONS: NEW		
		
APPROVED BY DESIGN METHODS ENGINEER		
GROOVING FOR SYMBOLS AND LEGENDS		

STAW

STRAIGHT ARROW

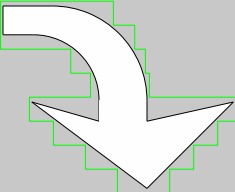


Area = 25.0 sqft

RTAW

LTAW

TURN ARROW

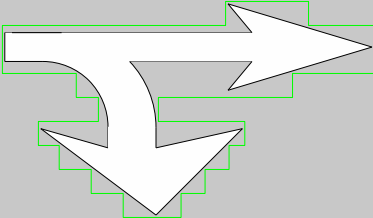


Area = 26.3 sqft

CSRW

CSLW

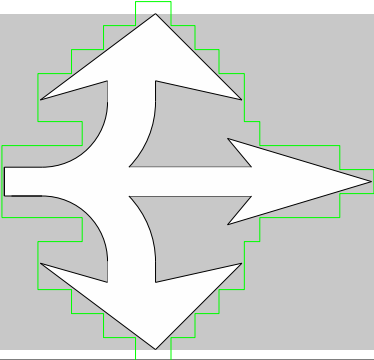
COMBINED STRAIGHT AND TURN ARROW



Area = 47.7 sqft

CSTW

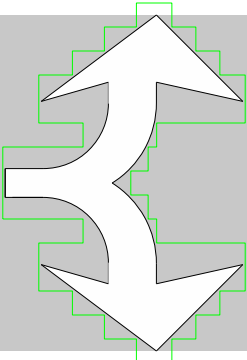
COMBINED STRAIGHT, RIGHT AND LEFT TURN ARROW



Area = 80.3 sqft

CRLW

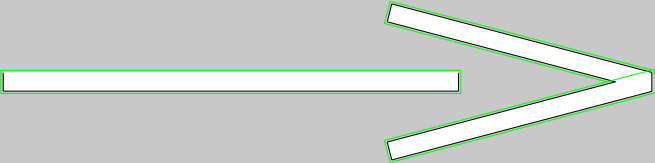
COMBINED RIGHT AND LEFT TURN ARROW



Area = 56.1 sqft

FERW

FREEWAY, EXPRESSWAY AND RAMP ARROW

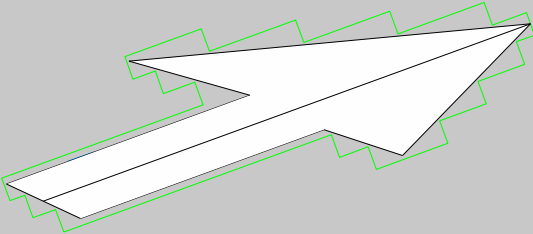


Area = 29.8 sqft

RLRW

LLRW

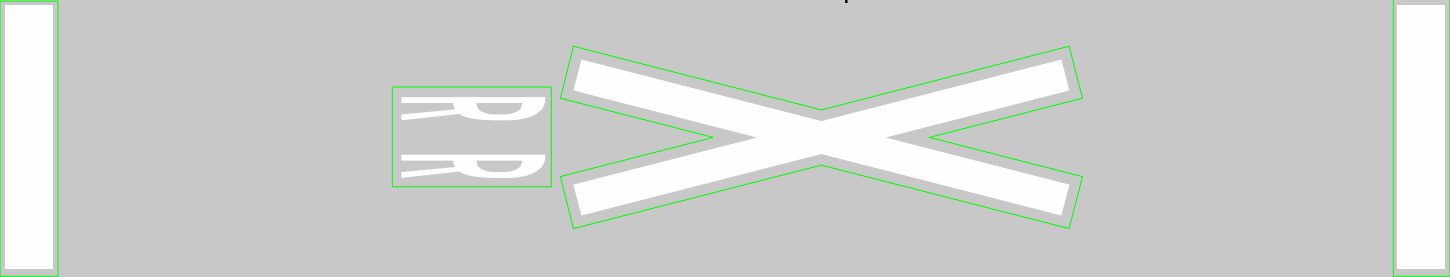
REDUCTION ARROW



Area = 63.8 sqft

RRCW

RAILROAD CROSSING SYMBOL (White)



Area = 151.4 sqft

IOWA | DOT

STANDARD ROAD PLAN

REVISIONS: NEW

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SHEET 2 of 3

GROOVING FOR SYMBOLS AND LEGENDS

BLSW

BIKE LANE SYMBOL (White)

A white bicycle symbol on a gray background, enclosed in a green rectangular border.

Area = 14.8 sqft

WCSW

WHEELCHAIR SYMBOL (White)

A white wheelchair symbol on a gray background, enclosed in a green rectangular border.

Area = 47.7 sqft

WPSB

WHEELCHAIR PARKING SYMBOL (Blue)

A white wheelchair symbol on a black square background, which is centered within a larger gray square, all enclosed in a green rectangular border.

Area = 17 sqft

① When placed across one lane, use the smaller dimensions shown. When placed across two lanes, use the larger dimensions shown.

SCLW

SCHOOL WORD MARKING (White)

The word "SCHOOL" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 78.4 sqft
or
Area = 211.2 sqft

XNGW

XING WORD MARKING (White)

The word "XING" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 47.6 sqft

STPW

STOP WORD MARKING (White)

The word "STOP" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 68.0 sqft

AHDW

AHEAD WORD MARKING (White)

The word "AHEAD" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 88.4 sqft

ONLW

ONLY WORD MARKING (White)

The word "ONLY" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 49.3 sqft

XITW

EXIT WORD MARKING (White)

The word "EXIT" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 54.4 sqft

BIKW

BIKE WORD MARKING (White)

The word "BIKE" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 12.7 sqft

LANW

LANE WORD MARKING (White)

The word "LANE" in white, oriented vertically, on a gray background, enclosed in a green rectangular border.

Area = 12.7 sqft

SLSW

SHARED LANE SYMBOL (White)

A white bicycle symbol followed by a white arrow pointing right, on a gray background, enclosed in a green rectangular border.

Area = 39.5 sqft

IOWA | DOT

STANDARD ROAD PLAN

REVISIONS: NEW

APPROVED BY DESIGN METHODS ENGINEER

GROOVING FOR SYMBOLS AND LEGENDS

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