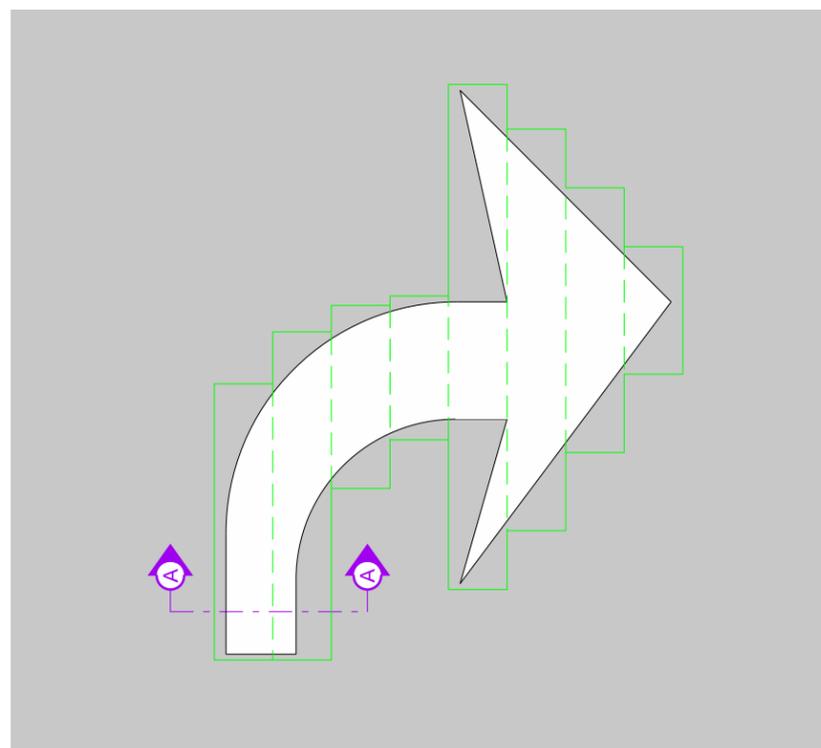


Option 1 shall be used unless specified otherwise by project documents or engineer. If option 2 or 3 is used no additional reimbursement will be given.

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

Refer to PM-111 for details of painted symbols.

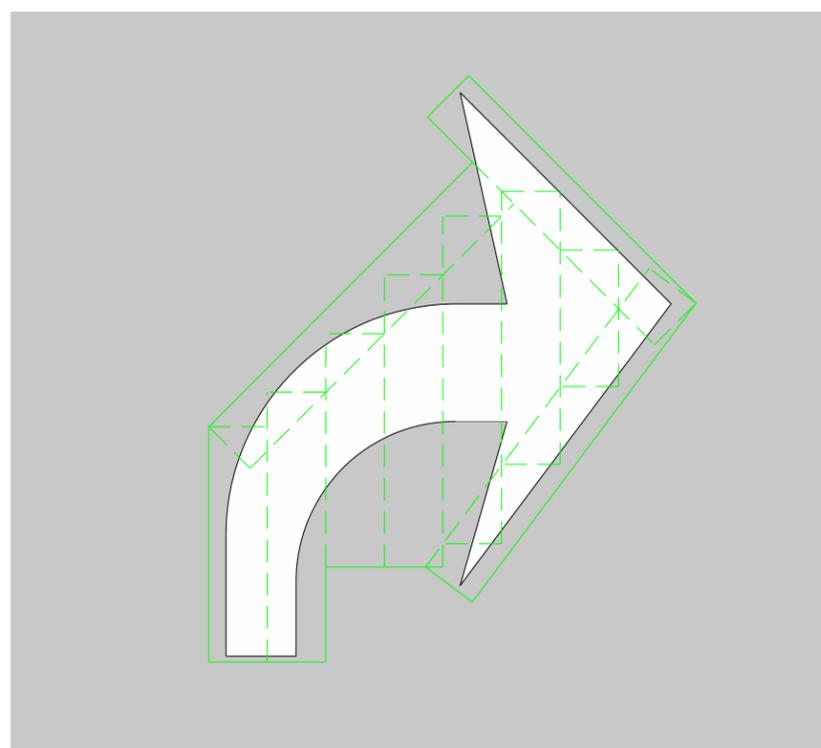
Layouts and areas are based on a ten (10) inch grooving head.



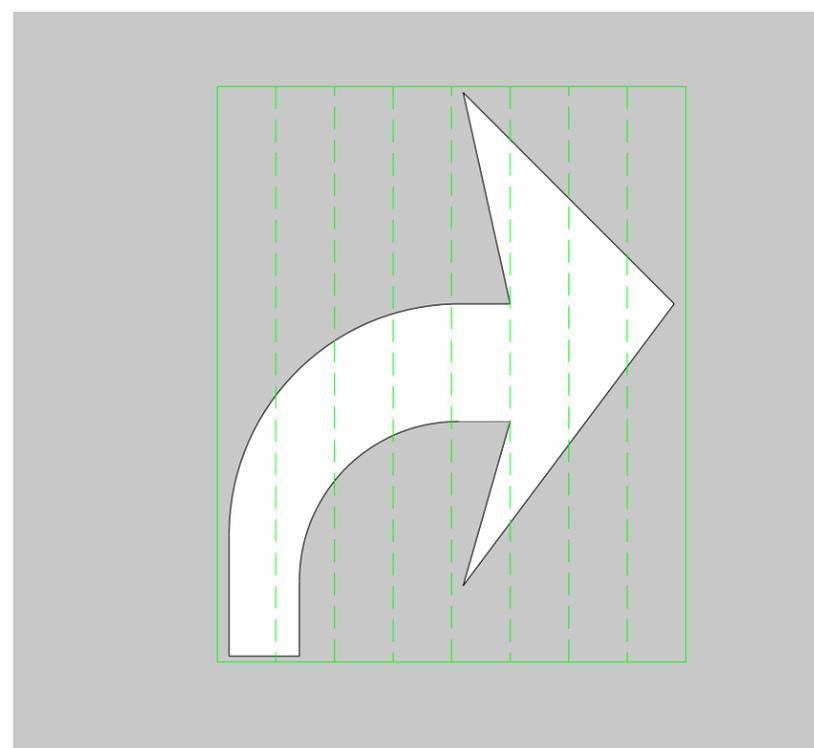
PLAN
Option 1



CROSS-SECTION/PROFILE
SECTION A-A



PLAN
Option 2



PLAN
Option 3

 Boundary of grooving

Possible Contract Item:
Grooves Cut for Symbols
and Legends

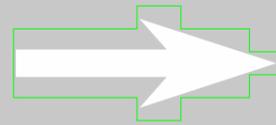
Possible Tabulation:
108-29

| | | |
|---|----------|---------------|
|  | REVISION | |
| | NEW | 4-16-24 |
| STANDARD ROAD PLAN | | PM-116 |
| REVISIONS: NEW | | SHEET 1 of 3 |

APPROVED BY DESIGN METHODS ENGINEER

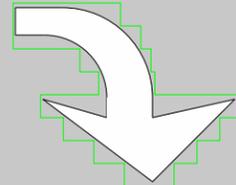
**GROOVING FOR
SYMBOLS AND LEGENDS**

STAW STRAIGHT ARROW



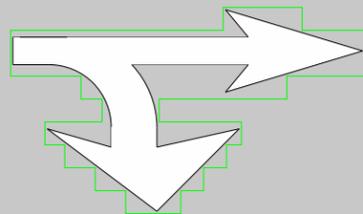
Area = 25.0 sqft

RTAW LTAW TURN ARROW



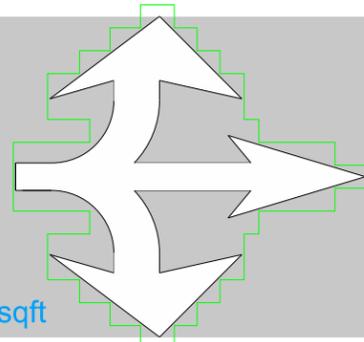
Area = 26.3 sqft

CSRW CSLW COMBINED STRAIGHT AND TURN ARROW



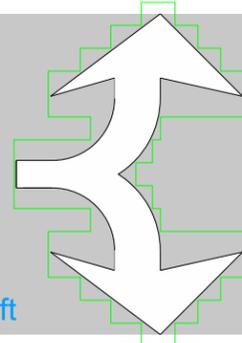
Area = 47.7 sqft

CSTW COMBINED STRAIGHT, RIGHT AND LEFT TURN ARROW



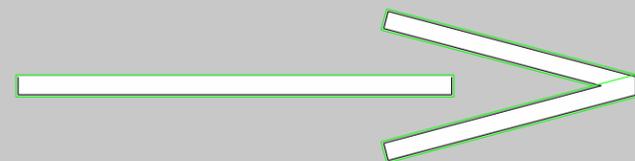
Area = 80.3 sqft

CRLW COMBINED RIGHT AND LEFT TURN ARROW



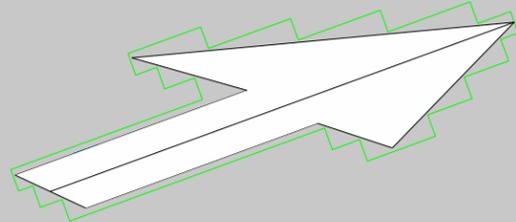
Area = 56.1 sqft

FERW FREEWAY, EXPRESSWAY AND RAMP ARROW



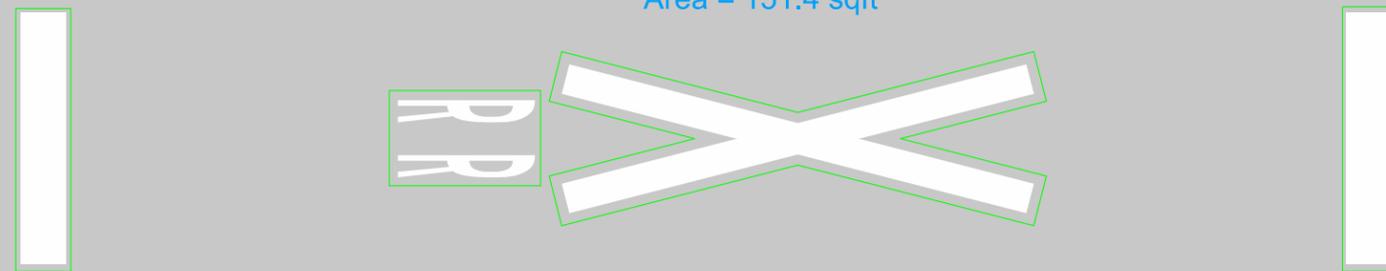
Area = 29.8 sqft

RLRW LLRW REDUCTION ARROW



Area = 63.8 sqft

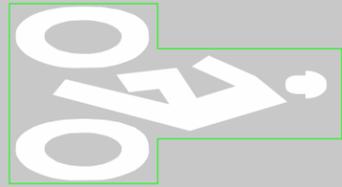
RRCW RAILROAD CROSSING SYMBOL (White)



Area = 151.4 sqft

| | | |
|---|----------|---------------|
| | REVISION | |
| | NEW | 4-16-24 |
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| APPROVED BY DESIGN METHODS ENGINEER | | |
| GROOVING FOR SYMBOLS AND LEGENDS | | |

BLSW BIKE LANE SYMBOL (White)



Area = 14.8 sqft

WCSW WHEELCHAIR SYMBOL (White)



Area = 47.7 sqft

WPSB WHEELCHAIR PARKING SYMBOL (Blue)



Area = 17 sqft

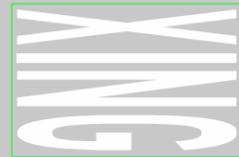
② When placed across one lane, use the smaller dimensions shown. When placed across two lanes, use the larger dimensions shown.

SCLW SCHOOL WORD MARKING (White) ②



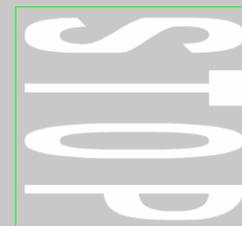
Area = 78.4 sqft
or
Area = 211.2 sqft

XNGW XING WORD MARKING (White)



Area = 47.6 sqft

STPW STOP WORD MARKING (White)



Area = 68.0 sqft

AHDW AHEAD WORD MARKING (White)



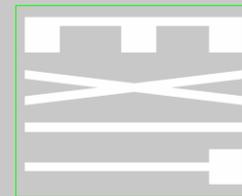
Area = 88.4 sqft

ONLW ONLY WORD MARKING (White)



Area = 49.3 sqft

XITW EXIT WORD MARKING (White)



Area = 54.4 sqft

BIKW BIKE WORD MARKING (White)



Area = 12.7 sqft

LANW LANE WORD MARKING (White)



Area = 12.7 sqft

SLSW SHARED LANE SYMBOL (White)



Area = 39.5 sqft

| | | |
|---|----------|---------------|
| IOWA DOT | REVISION | |
| | NEW | 4-16-24 |
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| REVISIONS: NEW | | SHEET 3 of 3 |
| APPROVED BY DESIGN METHODS ENGINEER | | |
| GROOVING FOR SYMBOLS AND LEGENDS | | |