

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5773	(112-Y)PM	ROCK ISLAND	7	1

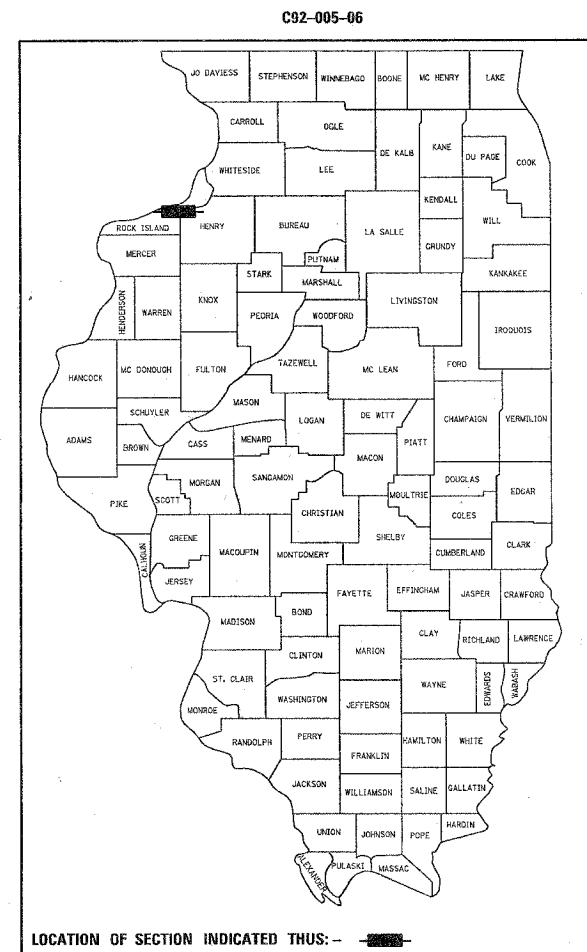
1. COVER SHEET
2. SUMMARY OF QUANTITIES
3. PAVEMENT MARKING SCHEDULE OF QUANTITIES
4. GENERAL NOTES
5. SIGNAL PLAN AT 42ND AVE. & KENNEDY DR.
- 6.-7. DISTRICT STANDARD 41.1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED HIGHWAY PLANS

FAU ROUTE 5773 (AVE OF CITIES)
SECTION (112Y-1)PM
PROJECT HS-5773(011)
ROCK ISLAND COUNTY

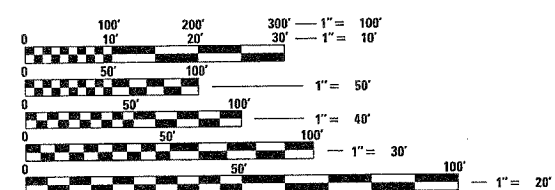
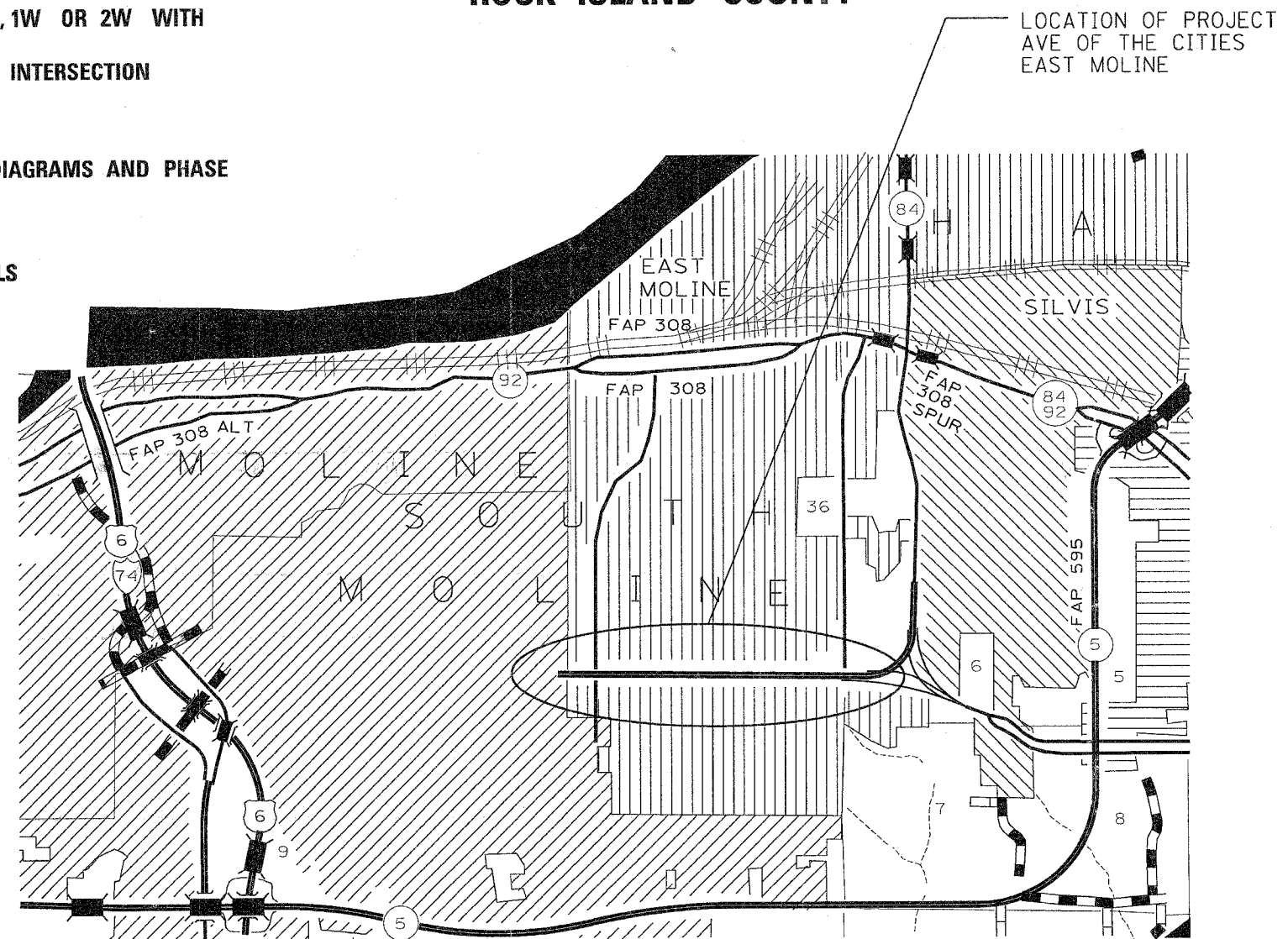
STANDARDS

- 701101-01 OFF ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701426-02 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701501-03 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701601-04 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 702001-05 TRAFFIC CONTROL DEVICES
- 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 878001-03 CONCRETE FOUNDATION DETAILS
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS



LOCATION OF SECTION INDICATED THIS: - [black bar] -

D92-136-05



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123

CONTRACT NO. 64B71

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED Oct. 27 2005
Gregory R. Mountain
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9, 2005
Mike Hene
 ENGINEER OF DESIGN AND ENVIRONMENT

December 9, 2005
Eric Hene
 DEPUTY DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS**

SUMMARY OF QUANTITIES

URBAN
90% FED
10% STATE
SFTY-1D

CONTRACT NO. 64B71				
F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5773	112-YPM	ROCK ISLAND	7	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAY CODE	ITEM	UNIT	TOTAL QTY
X0325211	LED SIGNAL FACE RETROFIT, OPTICALLY PROGRAMMED, 1-FACE, 5-SECTION	EACH	2
67100100	MOBILIATION	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
78300100	PAVEMENT MARKING REMOVAL	SQ FT	9059
81012700	CONDUIT IN TRENCH, 2 1/2" DIA, PVC	FOOT	40
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	40
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL No 14 5C	FOOT	270
87502480	TRAFFIC SIGNAL POST GALVANIZED, 14 FT	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
X8801300	SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, 3 SECTION, BRACKET MOUNTED	EACH	1
X7800500	POLYUREA PAVEMENT MARKING - LETTERS AND SYMBOLS SPECIAL	SQ FT	928
X7800510	POLYUREA PAVEMENT MARKING SPECIAL - LINE 4"	FOOT	7273
X7800530	POLYUREA PAVEMENT MARKING SPECIAL - LINE 6"	FOOT	528
X7800540	POLYUREA PAVEMENT MARKING SPECIAL - LINE 8"	FOOT	6234
X7800550	POLYUREA PAVEMENT MARKING SPECIAL - LINE 12"	FOOT	1366
X7800580	POLYUREA PAVEMENT MARKING SPECIAL - LINE 24"	FOOT	790

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
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F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5773	(112-Y)PM	ROCK ISLAND	7	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LOCATION	PAVEMENT MARKING SUMMATION OF QUANTITIES						
	LETTERS & SYMBOLS SQ FT	4" LINE FOOT	6" LINE FOOT	8" LINE FOOT	12" LINE FOOT	24" LINE FOOT	MARKING REMOVAL SQ FT
42ND AVE @ KENNEDY DR 10 - LEFT TURN ARROWS 5 - RIGHT TURN ARROWS SKIP DASHES ON KENNEDY - 75'	(W) 237	(W) 2749 (Y) 295		(W) 1270	(W) 105 (Y) 243	(W) 157	2896
42ND @ 7TH STREET 6 - LEFT TURN ARROWS 6 - RIGHT TURN ARROWS	(W) 187	(Y) 315		(W) 883	(Y) 20	(W) 325	1081
42ND AVE @ 11TH STREET (INCLUDING STOP BARS ON FRONTAGE ROADS) 6 - LEFT TURN ARROWS	(W) 187	(Y) 315		(W) 883			1550
42ND AVE @ ARCHER 14 - LEFT TURN ARROWS 6 - RIGHT TURN ARROWS	(W) 317	(W) 190 (Y) 3409	(W) 528	(W) 1683	(W) 230 (Y) 295	(W) 308	3337
EDGELINES AND CENTERLINES FROM THE WEST, EAST MOLINE CITY LIMIT TO THE CHEVRONS AT 19TH/COLONA SPLIT				(W) 1515	(W) 473		195
	928	7273	528	6234	1366	790	9059

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5773	(112-Y)PM	ROCK ISLAND	7	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. THE FOLLOWING EXISTING SIGNAL HEAD EQUIPMENT AT THE INTERSECTION OF 11TH STREET AND 42ND AVENUE SHALL BE REMOVED BY THE CONTRACTOR AND RETURNED TO CITY OF EAST MOLINE SALVAGE:

2 - EACH 5-SECTION SIGNAL HEADS

ANY OTHER EQUIPMENT SHALL BE RETAINED BY THE CONTRACTOR FOR SALVAGE. THE REMOVAL AND RETROFIT SHALL BE PAID FOR AS LED SIGNAL FACE RETROFIT, OPTICALLY PROGRAMMED, 1-FACE, 5-SECTION.

2. NO WORK SHALL BE ALLOWED UNTIL ALL COMPONENTS NECESSARY TO COMPLETE THE PAVEMENT MARKING AND SIGANL WORK HAVE ARRIVED ON THE JOB SITE.

3. EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ANY WORK IS STARTED.

4. ONLY THE RESIDENT ENGINEER SHALL HAVE THE AUTHORITY TO RELOCATE PAVEMENT MARKINGS.

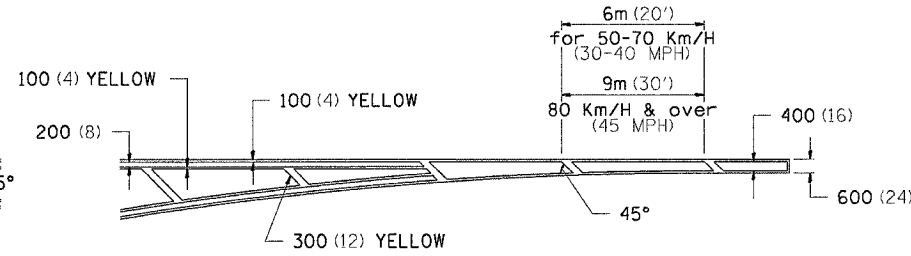
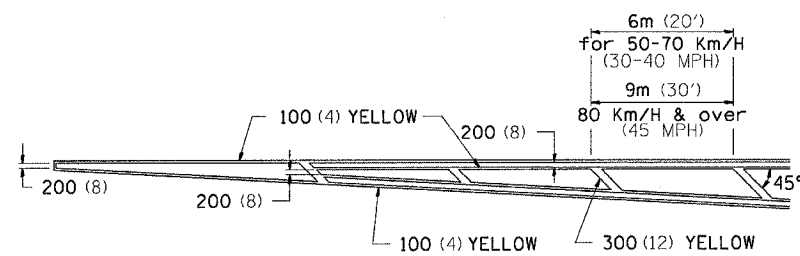
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NAME	DATE	
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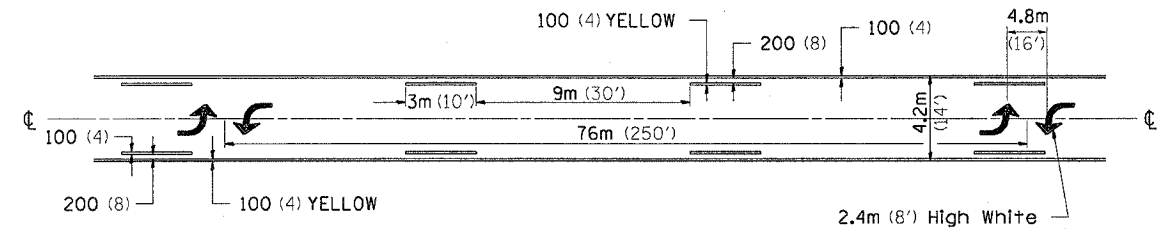
F. A. L. RILEY	COUNTY	TOTAL SHEETS	SHEET NO.
5773	(112-Y)PM	ROCK ISLAND	7 6
STA.		TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

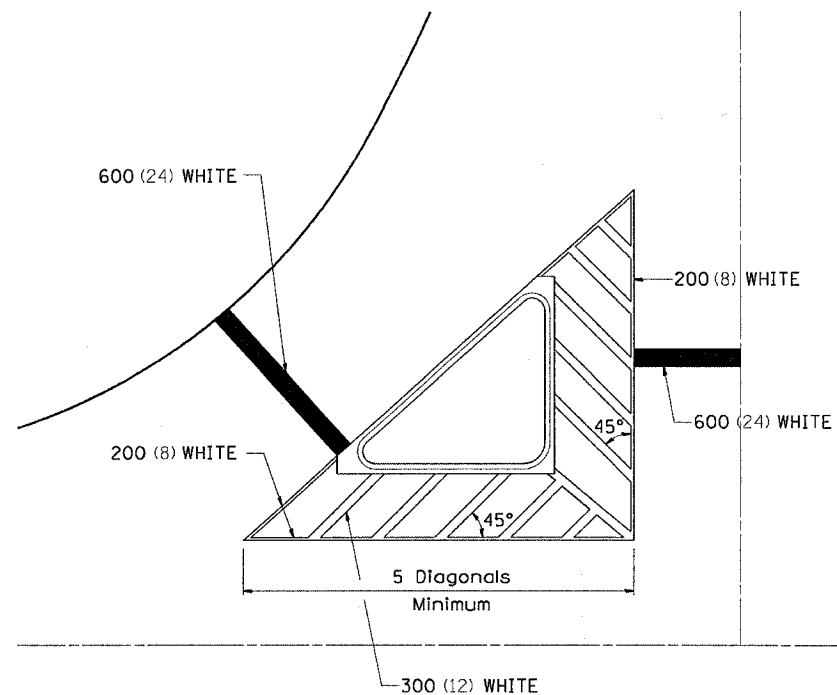
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



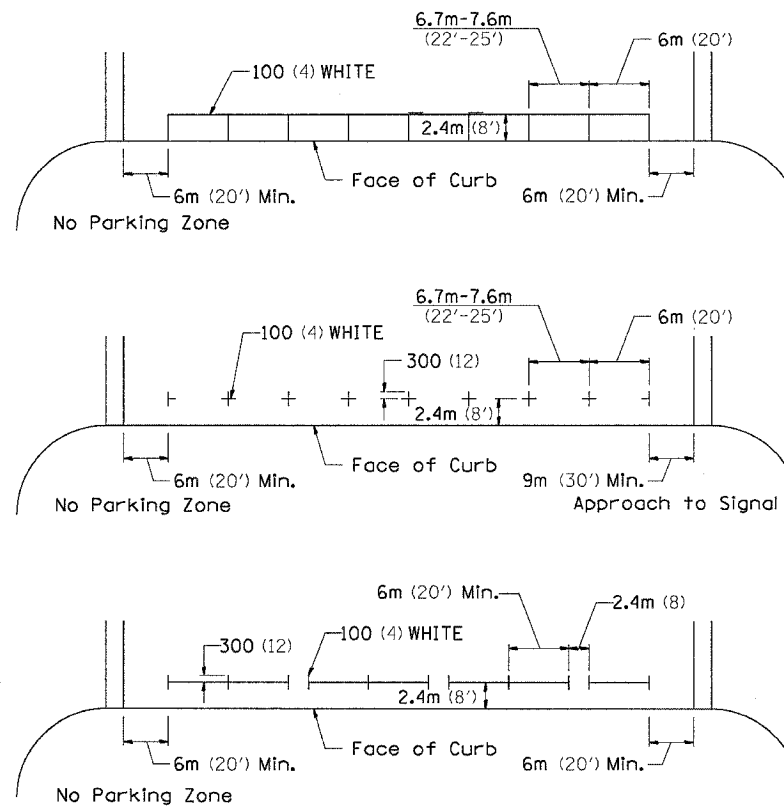
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH

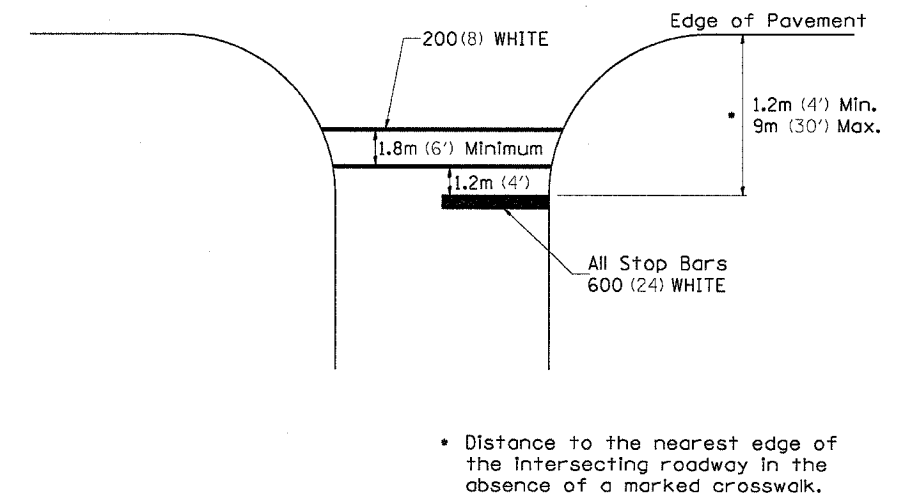


TYPICAL PARKING SPACING



•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STANDARD CROSSWALK MARKING
See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

CHECKED BY:

DRAWN BY:

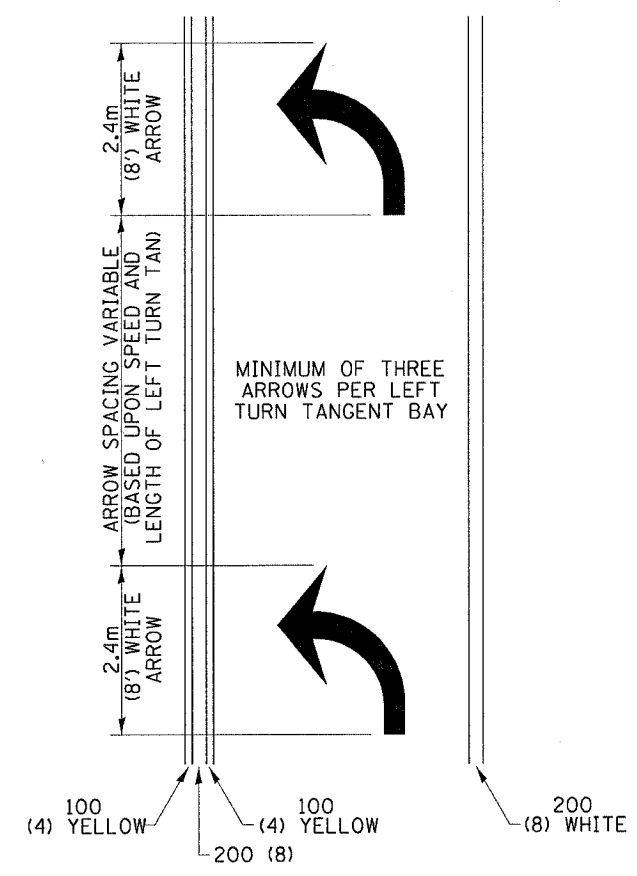
DESIGNED BY:

DATE TIME
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•••••
•••••
•••••

F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5773	(112-Y)PM	ROCK ISLAND	7	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

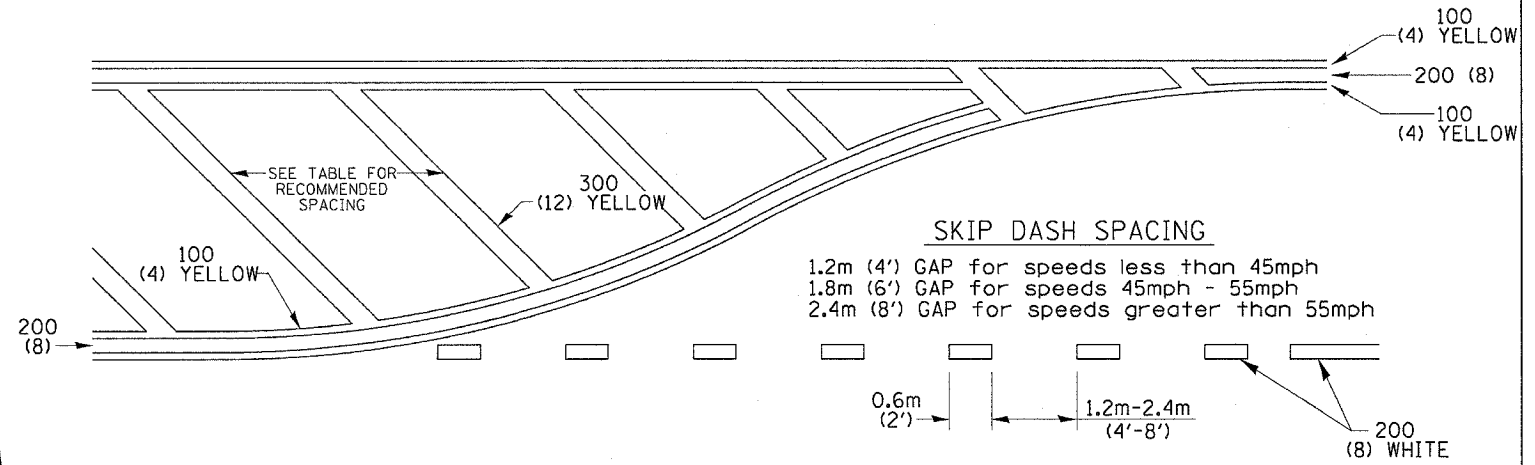
ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN MILLIMETER (INCHES) UNLESS OTHERWISE SHOWN.

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

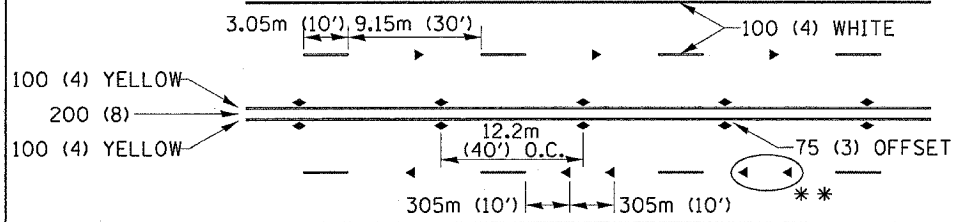
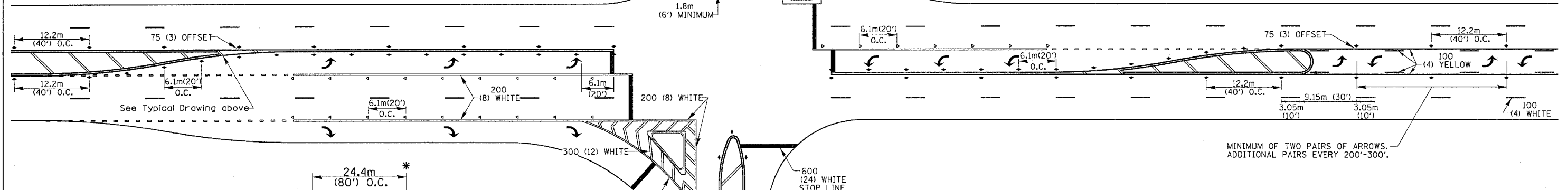
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H(30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H(30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H(45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.

CHECKED BY:

DRAWN BY:

DESIGNED BY:



- REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI-LANE / UNDIVIDED

SYMBOLS

See Typical Drawing above

12.2m (40') O.C.

6 at (40') O.C. APPROACH SIDE ONLY

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES

