

Migrating Prairie Cathedral

Original Pattern by

Launa Strickland

Orange Blossom Quilt Design Studio, LLC

For the

All Iowa Shop Hop 2020

72" X 84"

Fabric Requirements:

Fabric	Required Amount
Black [Solid]	2 1/2 yards
Black and White Iowa Toile (52000-1 Cream)	1 3/4 yards
Black w/Quilt Blocks (52001-2 Black)	1/2 yard
Low Volume Prints & Solids (40215B-5 Cream) (50332-1 Brown) (50331-1 Brown) (39717A-3 Black) (42595A-20 Black) (42491A-3 Black) (29269A-3 Black) (40171-54 Camel) (40171-29 Copper) (25029S Ivory) (31835S Linen White)	Fat Quarter each
Collectible Quiltshop Squares	One from each shop 93 Total possible
Regional Shop Hop Blocks on point	One for each region 6 Total possible
State Shop Hop Block (Black)	One for state 1 Total possible
Binding	5/8 yard
Backing	5 3/8 yards (45" WIDE) 2 3/8 yards (108" WIDE)
Batting	80" X 92"



Website: Orangeblossomquilt.com



Cutting Instructions:

Fabric		Cut	Subcut
Black (Solid)	A	8 - 2 1/2" X WOF	N/A
	B	3 - 3 1/8" X WOF	28 - 3 1/8" squares
	C	4 - 5 1/2" X WOF	24 - 5 1/2" squares
	D	1 - 2 1/2" X WOF	2 - 2 1/2" H X 8 1/2" W
	E	8 - 2 1/2" X WOF	N/A
Black w/Quilt Block [52001-2 Black]		1 - 12 1/2" X WOF	
	F		1 - 8 1/2" W X 12 1/2" H
	G		1 - 32 1/2" W X 12 1/2" H
Iowa Toile (52000-1 Cream)		1 - 42 1/2" X WOF	
	H		1 - 8 1/2" W X 42 1/2" H
	I		1 - 32 1/2" W X 42 1/2" H
		1 - 18 1/2" X WOF	
	J		1 - 8 1/2" W X 18 1/2" H
	K		1 - 32 1/2" W X 18 1/2" H
Low Volume Prints 8 Total - Cut of Each			
	L	1 to 2 - 2 1/2" X 18" Strip	
	M	1 - 5 1/2" X 18" Strip	1 - 5 1/2" squares
Collectible Quiltshop Squares (93 Total)	N	approx. 5" square each	Fussy Cut to 4 1/2" square
Regional Blocks [On point] (6 Total)	O	approx. 7" square each	Fussy Cut to 6 1/2" square
State Block [Black] (1 Total)	P	approx. 9" square each	Fussy Cut to 8 1/2" square

Sewing Instructions:

1. If you did not trim down the Collectible Quilt Shop squares, Regional Block squares, and the State Block square when you were cutting, trim all these blocks down now. If you have less than the total numbers, here is where you make changes. If you do not have all 93 shop blocks, you will replace them with flying geese units. You need two flying geese units for each missing block. If you don't have all the Regional Blocks, you will not have as many cathedral windows on the patch strip. If you did not earn or win a State Block you will need to change the horizontal black print band.

So record the changes you need to make to these items her before you begin!!! You will be referred back here as you work.

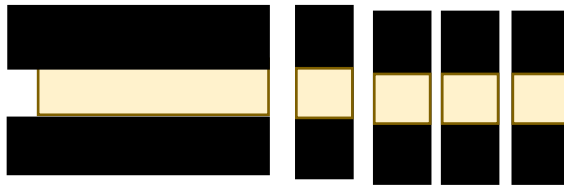
<p>I have _____ Quilt shop Blocks so I need to make _____ additional flying geese.</p> <p>I have _____ Regional Blocks so I need to leave off _____ cathedral window blocks.</p> <p>I have _____ State Block so I need to CHANGE / NOT CHANGE the Black horizontal band.</p>
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2. First, let's make the 9-patch units in the Vertical column.

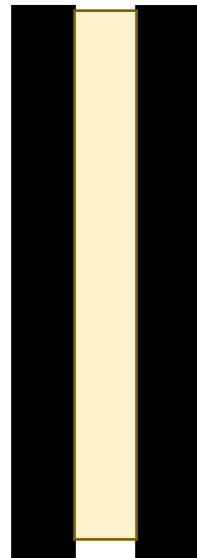
- A. From each of the 8 print fat quarters cut 2 vertical strip 2 ½” wide X 18” tall. This is stripin the cutting instructions. You will also need the solid black strip A for the strip sets B.
- B. Sew one L strip to one A strip. There will be enough room at the bottom to sew a second one as well. Sew a second L strip to the same A strip. Press the seams open or toward the black your preference. Repeat this with 5 more A strips and 10 more L strips. You will have a total of six strip sets.
- C. Cut the strip sets in half so they are about 20” long or so making them ½ strip sets you should have 12. You will need 7 of these.



- D. Sew an additional L strip to the opposite side of the A strip in your strip set. Use a variety of prints. Try to make the start and stop of the prints parallel. You can eyeball this because you will be trimming it later. But try to keep them as close to level as possible. Press these seams open or toward the black (Just be consistent. You will make 7 of these sets. They will be L strip, A strip, L strip.

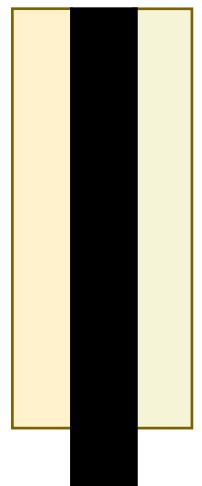
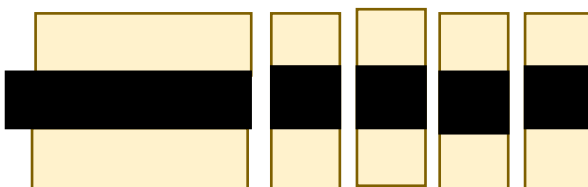


- E. Sub cut these strip sets into the segments you need. Cut 7 – 2 ½” segments from each strip set made in Step D. You will have 49 - 2 ½” X 6 ½” rectangles to use in your 24 9-patch units.

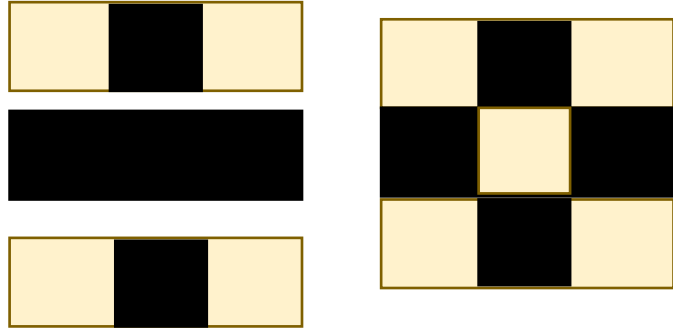


You will need 48 of them.

- F. The strip sets you had left over from Step C. you will sew a 2 ½” X ½ WOF strip to the L strip side of those strip sets. You will need 4 total strip sets. You will have one extra. Press these seams open or toward the black. The layout for this strip set is A strip, L strip, A strip.
- G. Sub cut these strips sets into the segments you need. Cut 7 – 2 ½” segments from each strip set made in Step F. You will have 28- 2 ½” X 6 ½” rectangles to use in your 24 9-patch units. You will need 24 of them.

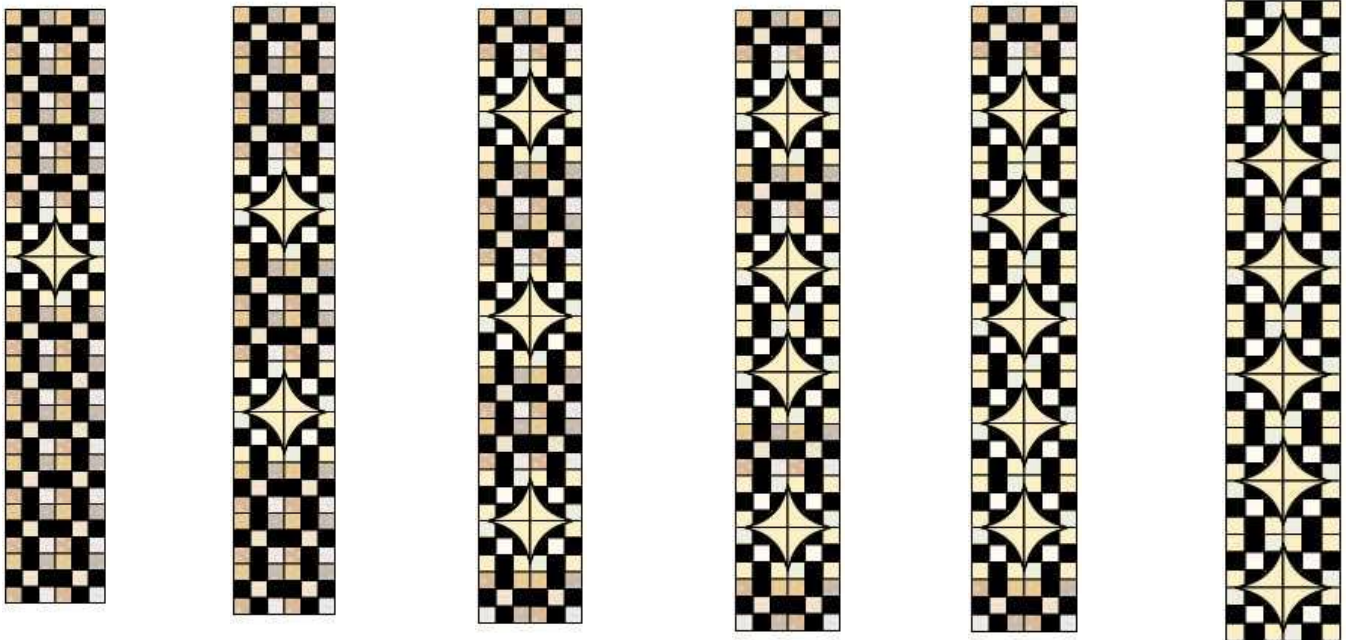


H. Construct the 9-patch unit using two segments you made in Step E and one segment you made in Step G. Press your seams. The block should measure 6 1/2" square. Make 24 blocks.



3. Assemble the Vertical Cathedral Window Column.

A. First look at how many Regional Blocks you have. Your answer should be in Step One. There are 6 you can have total but if you have less you can lay them out along the column to accommodate 1 to 6 on the column. Decide which layout you want based on the number of regional blocks you have.



Layouts for each number are pictured here.

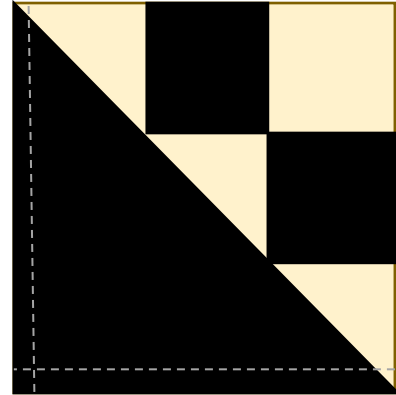
B. Once you determine how many of the regional blocks you need you will need 4 C squares for each Regional Block you have.



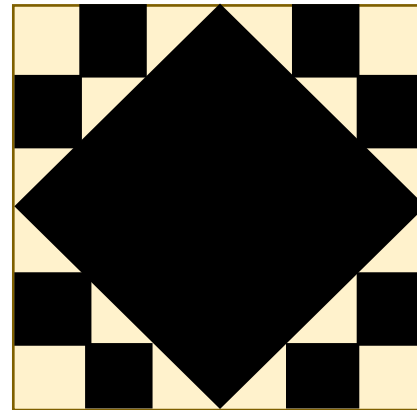
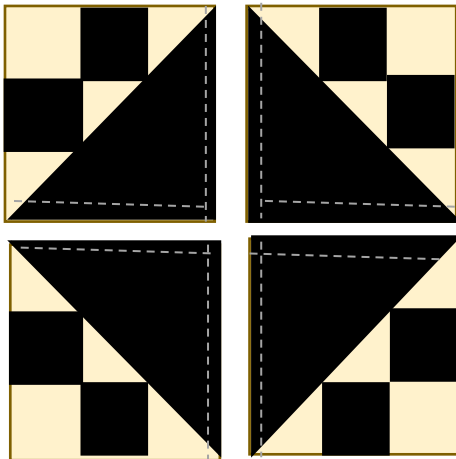
C. Fold all of the C squares you need in half diagonally with right sides facing out and press into a triangle. Use some starch or best press for best results.

D. These triangles will be layered on top of the 9-patch units. Sew using 1/8" seam the folded triangle to the corner of the appropriate 9-patch. This is to keep all the layers in place as you join the four corners to form the block.

Note the orientation of the 9-patch and the folded triangle before joining them.



E. Once the triangles are stay-stitched in place on the top of the 9-patch units. Using a 1/4" seam allowance, sew the 9-patch units together in pairs. Once you have the two pairs joined and



the seams pressed. Join the two pairs to form the cathedral window base unit. Pressing seams open is advised for this part the layers make pressing to one side very thick. You will need one cathedral window base unit for each regional block you have. Repeat this process to match the number of regional blocks you have.



- F. Using a little basting glue, lay the regional block on top of the cathedral window base block. The folded edge of the black fabric can be pulled because it is the bias. So pull the folded edge over the raw edge of the regional block in a smile shape and stitch down through all layers to hold it in place. Do not sew over the names of the towns within the region. Also use a black thread in the top of your machine. Shorten your stitch length. Sew slowly and as close to the fold of the smile as possible.
- G. Now that all the layers are secured you can cut away the underlying layers up to the regional block carefully. This will reduce bulk in your quilt top. Please consult your long arm quilter to determine if this is necessary. If not you can leave the layers but this area will be thick if you do.

H. Complete the vertical column. Depending on the number of regional blocks you are using follow the layout instructed here [Refer to the diagram on page 5 and 13 for a visual image]:

For the one regional block column: you will sew 4 pairs of plain 9-patch units together. Then one cathedral window. Then finish with 6 pairs of the plain 9-patch units.



For the two regional block column: you will sew 3 pairs of the plain 9-patch units together. Then one cathedral window. Then 2 pairs of the plain 9-patch units. Then the second cathedral window. Then finish with 3 pairs of the plain 9-patch units.

For the three regional block column: you will sew 1 pair of the plain 9-patch units. The one cathedral window, Then 2 pairs of the plain 9-patch units. Then the second cathedral window. Then 2 pairs of the plain 9-patch units. Then the third cathedral window. Then finish with 1 pair of the plain 9-patch units.

For the four regional block column: you will sew 1 pair of the plain 9-patch units. Then one cathedral window. Then 1 pair of the plain 9-patch units. Then both the second and third

cathedral window. Then 1 pair of the plain 9-patch units. Then the fourth cathedral window. Then finish with 1 pair of the plain 9-patch units.

For the five regional block column: you will sew 1 pair of the plain 9-patch units. Then all five of the cathedral windows. Then finish with 1 pair of the plain 9-patch units.

For the six regional block column: you will sew all 6 of the cathedral windows together.

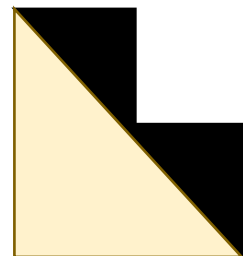
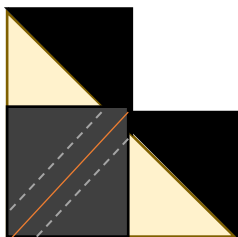
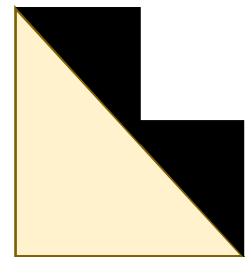
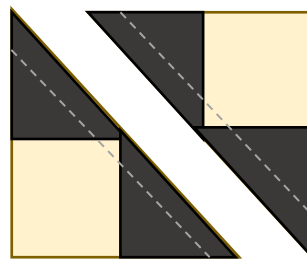
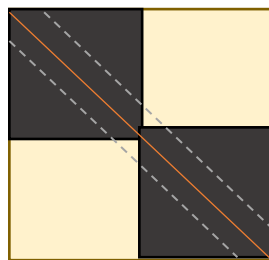
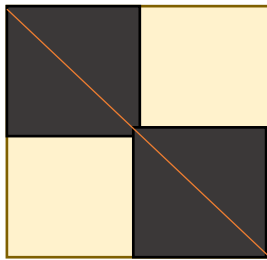
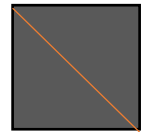
4. Construct the flying geese units.

A. Determine how many flying geese units you will need. If you have all 93 shop blocks you will need 26 flying geese. For each missing shop block you will need to add 2 flying geese units to this number to have the appropriate number of flying geese to complete the quilt. Look back at your answers for Step 1 to determine if you will need additional flying geese.

B. You will be using a method to make four flying geese units at one time. You will need 7 M squares and 28 B squares.

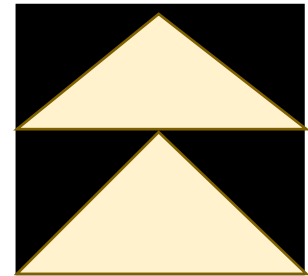
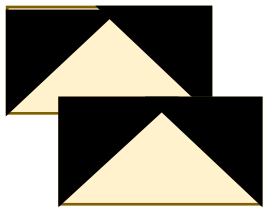
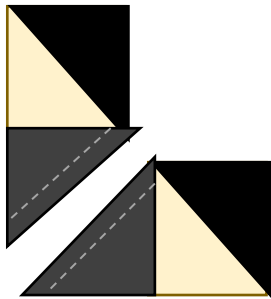
C. Mark the diagonal on the back of all of the B squares.

D. Layer two B squares on to the M square in opposing corners so the diagonal line runs through the M square in one direction. Make sure you



have right sides together. Sew $\frac{1}{4}$ " away on both sides of the drawn diagonal line. Cut apart on the drawn diagonal line. Press the unit toward the black wing triangles.

- E. Now layer another B square onto the half unit from Step D with the diagonal line running between the black triangle wings. Make sure the pieces are right sides together. Sew $\frac{1}{4}$ " away from the drawn line on the B square on both sides of the line. Cut on the drawn line. Press toward the black triangle wings. Repeat with the second unit from Step D and another B square. You will have 4 untrimmed flying geese units.
- F. Using a Flying Geese Bloc-Loc ruler trim down the units to measure exactly $4\frac{1}{2}$ " W X $2\frac{1}{2}$ " H.
- G. Repeat this process 6 more time to make a total of 28 flying geese units. You will use 26 of these if you have all the quilt shop squares.
- H. You will need to make more if you are missing blocks. You will need 4 B squares and 1 M square for every two quilt shop blocks you are missing. If you are missing an odd number of blocks (1,3,5,7,etc.); round down and not up because you have 2 extra flying geese you can use from the original 7 M squares and 28 B squares you already made in Step G.
- I. Sew two flying geese together to form a $4\frac{1}{2}$ " square. Make sure both flying geese are facing the same direction.



5. Sew the Quilt Shop Block and Flying Geese borders.
 - A. Make sure all the 93 N (Quilt Shop) squares are fussy cut to $4\frac{1}{2}$ " with the motif centered in the square.
 - B. You will make 4 vertical rows and 2 horizontal rows. [See diagram at the end for reference]

Vertical rows. Each Vertical Row consists of 18 squares.

3 vertical rows are 16 quilt shop squares and 2 double flying geese units and 1 vertical row is 15 quilt squares and 3 double flying geese units.

2 vertical rows should have the geese flying up and the other 2 vertical rows should have the geese flying down.

Horizontal rows. Each Horizontal Row consists of 17 squares.

Each horizontal row has 15 quilt shop squares and 2 double flying geese units.

One row should have the geese flying to the left and the other row should have the geese flying to the right.

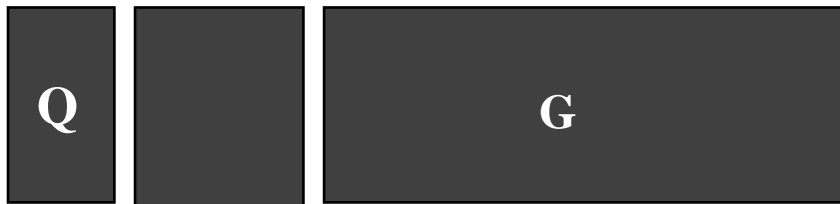
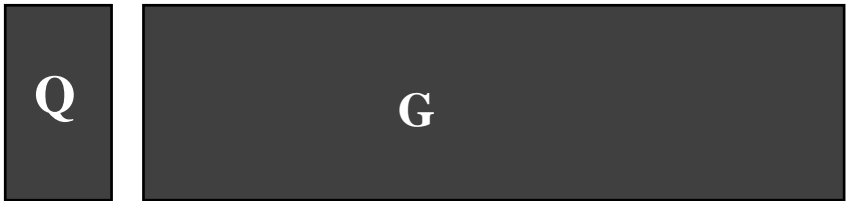
6. Create the Horizontal State Block Band

If you do not have a State square. Skip this step. You already have the right pieces. Move on to Step 7.

If you have a State square:

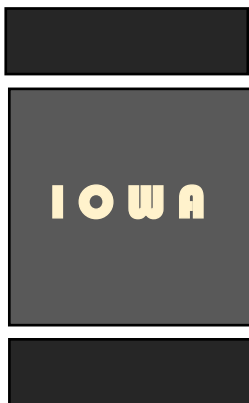
A. Square up the state square. If it's the black state square be careful NOT to iron. The decal will stick to your iron's sole. Fussy Cut the P [State] square to 8 1/2" centering the motif in the square.

B. Take rectangle G and make a cut 6 1/2" from the left end. We will now call this cut piece Section Q.



C. Then from the remaining G rectangle make another cut 8 1/2" from the left end.

D. From the 8 1/2" cut you just made make 2 horizontal cuts. 2 1/2" H X 8 1/2" W. We will now call these two pieces Section R.



E. Sew one Section R to the top of the State block. Sew the second Section R block to the bottom of the state block. Press your seams.

F. Sew Section Q to the left of the State block. Press the seam.

- G. Sew the remainder of Section G to the right of the State block. Press the seam. The resulting piece should measure 12 ½” H x 32 ½” W. This entire unit will now be referred to as Section G.



NOTE: If you want a block here and do NOT have a state block you can substitute any 8” block pattern in this spot.

7. Assemble the quilt top.
- You will make vertical rows to assemble this quilt top. You will work left to right.
- Make Column A. Sew the H rectangle to the top of the F rectangle. Press the seam. Then sew the J rectangle to the bottom of the F rectangle. Press the seam open. This is the first component of Column A.
 - Sew Column A from Step A between two of the vertical rows from Step 5B. Sew one row with the geese flying up on the left side of Column A and sew one row with the geese flying down on the right side of Column A. Press the seams. This entire piece will now be called Column A.
 - Make Column B. Sew the I rectangle to the top of Section G from Step 6G. . Press the seam. Then sew the K rectangle to the bottom of Section G. Press the seam open. This is the first component of Column B.
 - Sew Column B from Step C between the remaining two vertical rows from Step 5B. Sew the remaining row with the geese flying up to the left side of Column B and sew the remaining and final vertical row with the geese flying down to the right side of Column B. Press the seams. This entire piece will now be called Column B.
 - Sew Column A to the left of the Cathedral Window Column you constructed in Step 3. Sew Column B to the right of the Cathedral Window Column. Press your seams.
 - Sew the horizontal row from Step 5B with the geese flying to the right to the top of the quilt top. Sew the horizontal row from Step 5B with the geese flying to the left to the bottom of the quilt top. Press your seams.
 - Sew all 8 of your E strips together.
 - Then subcut into two lengths the width of your quilt top. Measure the top edge, through the center, and the bottom edge and take the average of the three. Cut two horizontal outer

border pieces from the length of E strips. This measurement should be approximately $68 \frac{1}{2}$ " Long each. Sew these borders to the top and bottom of your quilt top. Press your seams.

- I. From the remaining length of E strip cut two lengths the length of your quilt top. Measure the left side, through the vertical center and the right side; then take the average of the three measurements. Cut two vertical border pieces from the remaining E strip. This measurements should be approximately $80 \frac{1}{2}$ " Long each. Sew these borders to the right and left sides of your quilt top. Press your seams.

Your quilt top is now complete and ready to be quilted. It should measure approximately $72 \frac{1}{2}$ " W X $84 \frac{1}{2}$ " L.

You will need 8 binding strips to bind this quilt. If you cut your strips at $2 \frac{1}{2}$ " you will need $\frac{5}{8}$ to $\frac{2}{3}$ of a yard for the binding. I used the solid black.

If you use 108" wide backing you will need $2 \frac{3}{8}$ yards. If you use regular 45" wide quilter's cotton for the backing you will need $5 \frac{1}{4}$ yards cut in 2 – $2 \frac{5}{8}$ yard pieces. You will sew them together with one vertical seam to form the backing. Backing seam allowance should be $\frac{1}{2}$ " deep and not include the selvage. You should always press the backing seams open.

Make sure your batting has at least 80" X 92" for this quilt top.

Quilt your quilt as desired and then bind the edge. Don't forget a label on the back. Your All Iowa Shop Hop quilt for 2020 is complete.

