# MCR The Keystone 11 Corridor

NMRA Mid-Central Region, Division 11



Serving Forest, Jefferson, Clearfield. Clarion. Venango, Elk, & Cameron, Counties

November/December, 1996

Volume 3, Issue 10



## November:

10 Division 11 Meeting Meeting starts at 2:00 pm Clarion Model Railroad Club 515C Main St. Rear entrance Clarion, PA

Nov. Dec.: 29, 30 7, 11-14, 18-21 Clarion Model Railroad Club train Exhibit Nov 29 10 a.m. - 9 p.m. Nov 30 10 a.m - 5 p.m. Dec 7, 14, 21 10 a.m. - 5 p.m. Dec 11-13, 18-20 6 p.m. - 9 p.m. Contact: Robert Hartle (CCP pg. 2) 515C Main St. Rear entrance

Clarion, PA

# Super's Report

irst of all, let us congratulate our former Newsletter Editor and Division 11 Member, Max Magliaro, for winning the November 1996 R.M.C.P. Dremel Kit Bashing Award and for again being published within the pages of R.M.C. Please check the article out and when you see Max, give him a pat on the back for a job again, well done.

Thanks also to Rich Steiner for assisting in setting up the Bellefonte trip and for volunteering to be Newsletter Editor for a few months beginning January 1997. Thanks also to Jeff Bowman for being our 1996 Editor. I think we can say to Jeff, well done, and we will miss that neat Internet stuff.

The October meeting was in Clearfield and our host, Jim Brown, was quite gracious in letting us operate the BT&E after the meeting. He did not even ask yours truly to leave the premises when mixed minerals East went south in one of his tunnels with guess who at the controls? Thanks Jim, I am happy you took it so well. At least the minerals were well mixed!

Discussion was held on several items foremost of which was the change to the point awards for Bring and Brag. Starting in 1997, points will be awarded for first, second and third place. See last month's "Keystone" for more information and a Bring Brag Report this issue.

Discussion, also was held, regarding recent correspondence from MCR President, Mike Brestel, relating to 100% NMRA membership within the Divisions and how the NMRA's liability insurance may not be available if a said Division is not 100% NMRA. In reviewing our member list, and from discussion at the meeting, I believe we need not worry too much since from what I can gather, we are at least 99% NMRA, and the 1% is being worked upon as we write

By: Superintendent Gary Lasher

with hopefully favorable results. The only foreseeable glitch is making certain that member arrives in Division11, which is being explored. I hope to do some small blurbs in the future on the benefits of belonging to the NMRA, but will not dwell on the subject here. I will get on my soapbox sometime in the future.

Our trusty Secretary could not be present, therefore, I jotted down some key points and here they are: Treasury: As of 8/96 our old balance was \$424.63. Took in \$70.00 and paid out \$12.80 for a balance of \$481.83. In 9/96 we started with \$481.83. took in \$510.00 and paid out \$244.20 which left us with a September balance of \$747.63.

We have one new member, Russell F. Hass, who I discovered is also a member of the Railroad Industry Sig., same as yours truly. We would like to welcome Russ aboard and look forward to any expertise he may wish to contribute.

Future meeting dates and sights are as follows:

Jan 97 at Bill Drummond's with the B&B as Passenger Equipment.

Feb 97 in DuBois with host, Bill Murray and the B&B RR Business Cars.

Mar 97 at Rich Steiner's with the B&B as your favorite diesel.

Sept 97 with a tentative trip over the Knox and Kane.

That's it. Next meeting at the Clarion Club on November 10. We only had 10 members present in Clearfield with a couple of guest, so let us strive for doubling that number in Clarion in November to celebrate National Model Railroad month.

Gary







Gary Lasher 849-5842 Superintendent 765-3205 Asst. Superintendent Jim Brown Chief Clerk Jack Campbell 849-8507 Newsletter Editor Rich Steiner

The KEYSTONE CORRIDOR is published 10 times per year by the NMRA MCR, Division 11. Any articles or Letters contributed to the newsletter should be mailed to:

> Rich Steiner RD2 Box 263 Clarion, PA 16214

Yearly Subscription Rate: \$10 Pike Ad: \$5 Send check or money order payable to "NMRA MCR Division 11" to Jim Brown - Treasurer (address under "County Contacts" below.



This is the current County Contact Person (CCP) list. Any member of Division 11 that receives this newsletter should get in touch with their CCP for the latest information on meetings or other division issues. You should also keep this list if you do not subscribe to the division newsletter so you can find out when and where subsequent meetings are to be held.

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## Greg Hoover Clarion Model RR Club Clarion, PA 16214 (814) 226-8782 (814) 226-0699 Club

#### Elk:

Alan Morean 110 Linwood St. Marys, PA 15857 (814) 781-6671 Jefferson:

Bill Drummond RD2 Box 146 Punxsutawney, PA 15676 (814) 938-6173

## Clearfield:

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## Forest & Venango:

Robert Hartle RD1 Box 70A Tionesta, PA 16353 (814) 744-9949

## Philipsburg:

Max Magliaro 924 E Presqueisle St. Philipsburg, PA 16866 (814) 342-0446

## **Diesel Production Statistics**

Diesel Locomotive Production Statistics and List of Diesel Builders Compiled and maintained by Andrew Toppan (elmer@wpi.edu) http://www.wpi.edu/~elmer/ Version 1.64 Last Updated 08/19/96 \*

General Electric

GE started out producing electrical components for locomotives built be other companies and at various points teamed up with other builders (notably Alco) to build locomotives. In 1960 they introduced the U25B to the domestic market, and now are the number one builder in North America. GE purchased the Alco/MLW shop in Montreal, using it primarily for -S7 rebuilds. It was later closed. GE also owned the ex E-L Hornell, NY shops for several years, using it for Alco rebuilds and two F7A overhauls. The shop was later sold to MK. GE sold to rights to build Alco engines and spare parts, as well as the right to market the engines for all non rail applications, to Fairbanks-Morse in 1994. GE retains exclusive rights to market Alco engines for rail applications

## Engines:

IR--Ingersoll-Rand, various sizes and HP ratings CB--Cooper-Bessemer, various sizes and HP rat-

ings

Cat--Caterpillar, various sizes and HP ratings 7FDL--main GE engine, ratings of 2500 HP to 4400 HP with 16 cyls...

1800 to 3200 HP with 16 cyls., 1800 HP with 8 cyls. used in all U series, -7, -S7, -8, -9 and most

9x10.5 inch cylinder, all turbocharged

HDL--new GE engine, ratings up to 6000 HP, used in later AC series

#### Shops:

Erie, PA Sayre, PA (ex LV)--railcar shop Montreal, Quebec (ex Alco/MLW plant, now closed)

(Continued on page 3)

Diesel Production Statistics (Continued from page 2)

Hornell, NY (ex E-L plant, closed and sold to MK)

\*B-B Switchers

'44 Ton'	?/40-?/56	348	Cat engine
'60 Ton'	?/24	1	IR engine
'60 Ton'	?/28-?/30	2	IR engine
'60 Ton	?/31	7	IR engine
'70 Ton'	?/46-?/58	238	CB engine
two buil	t as narrow ga	uge C-C	units
'95 Ton'	?/49-?/56	47	CB engine
'100 Ton'	?/28-?/30	11	IR engine
'dual power'	?/30	45	IR engine

variety of diesel-electric/battery and diesel-electric/battery/third rail units

'ERIE 925'	?/31	1	IR engine
'DEY-2'	?/36	5	CB engine
'Model Y'	2/36	5	IR engine
Center Cab'	?/33-?/35	7	IR engine
'enter Cab'	?/37-?/40	9	CB engine
Center Cab'	?/39-?/40	4	CB engine
'Center Cab'	?/41	2	CB engine
'128 Ton'	?/43-?/45	3	CB engine
SI 80	11/76-	5+	Still in produ

Still in production? SL80 8/74-39+ Still in production? SL110 SL144 12/75-29+Still in production?

\*B-B Roadswitchers (some rebuild)

UD18B ?/56 10 [all 7FDL engine] 163 UISB 3/73-10/76

9 (+24M 5/80

Alco 12-251 engine 2000 HP rebuild of C424s

[all 7FDL engine] 3313 8/68-6/77 465 B23-7 536 9/77-12/84

BO23-7 10/78-1/79 10 B23-7 with extra large cab

3/89-2/91 B23-S7

remanufactured U23B, some subcontracted to MK

'XP24' 4/59 2 early U25B, demo/test units

?/61-2/66 476 U25B U28B 1/66-12/66 148 291 U30B 12/66-3/75

THE MIOLA CENTRAL BAILBOAD CO.

Route of the Lobo Wolf"





HO Scale Point to Point Operation

Meets on Tuesday Évenings

R.D. 2 Box 263 Clarion, Pa 16214 CEO: Richard E. "Rich" Steiner

B30-7	12/77-5/81	199
B30-7A	6/80-2/82	58
B30-7 v	vith uprated B23-	-7 engine
B30-7A1	4/82-5/82	22
updated	B30-7A	
B30-7A(B)	6/82-10/83	120
cabless	B30-7A	
B32-8	1/84-?/89	49
B32-8WH	?/91-?/91	20
В32-8 г	nodified for passe	enger service
U33B	9/67-8/70	137
U36B	1/69-12/74	125
B36-7	11/80-9/85	222
B36-8	10/82	1
develop	mental unit, later	r rebuilt as B39-8E
B39-8	1/84	3
all dem	onstrators	
B39-8E	?/84-7/88	145
slightly	updated B39-8,	4 are rebuilds
B40-8	5/88-?/89	151
B40-8W	10/88-10/90	84

first unit was rebuilt from a B39-8E (ex B36-8)

\*C-C Roadswitchers(some rebuild)

U23C 3/68-?/?? U25C 9/63-12/65 113 U28C 12/65-12/66 61 ??/65-??/66 U28CG 10 U28C with steam generator U30C 1/67-9/76 600

C30-7 9/76-2/85 1137

C30-7A 5/84-6/84 50 C30-7 with uprated B23-7 engine

C30-S7 5/89-10/90 11

> remanufactured U30/33/36C, C30/36-7, some subcon tracted to MK

many others built with GE kits by FNM.

10/91 M630M

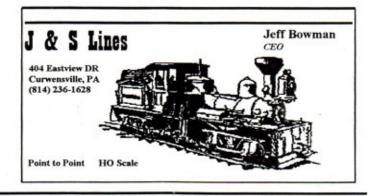
remanufactured M630, -S7 electronics, 16-251 engine

C30-S7N 8/90-3/91 100

identical to C30-S7 but all new, not rebuilt

C30-S7NMP 8/94-9/94

(Continued on page 4)



#### The Keystone Corridor

E50C

5/68

2

	Statistics (Continued		
	N with micropro	10	
C32-8	9/84	10	
	est units	275	
U33C	1/68-1/75	375	
U34CH	11/70-1/73	32	
	nodified for pass		vice
U36C	10/71-4/75	218	
U36CG	4/74-5/74	20	
	with steam genera		
C36-7	6/78-12/85	169	
C36-8	?/82	1	
test uni			
C39-8	3/83-1986?	136	
C39-8E	1986?-12/87	25	
C40-8	12/87-?/92	581	
C40-9	?/95-?/95	125	
C40-8W	?/89-?/94	758	
C40-9W	?/96-	240+	
C41-8W	8/93-?/94	164	
C44-8W	1993	3	
C44-9W	11/93-	608+	
C44-9LW	1995	4	
AC4400CW	/ ?/93-	1052+	
AC trac	ction version of C	244-9W	
AC4400CW	7(U) ?/95-	71+	
U50C	9/69	40	
AC6000CW	/ ?/95-	171+	[all HDL engine]
*B+B-B+B Roa	dswitchers		
U50	9/63-8/65	26	[all 7FDL engine]
*B-B Electrics			
'Boxcab'	6/14-11/16	6	
'Center Cab	' 7/50	3	
E25B	5/76-2/79	7	
uprated	, electric version	of U23B	
*C-C Electrics			
E33	?/56-?/57	10	
3300 H	P electric roadsw	itcher	
E44	12/60-7/63	66	
	5000 HP electri	ic roadsw	vitcher

similar to E44 E60C 12/72-10/76 cowl body 6000 HP electric E60CP 12/74-11/75 E60C with dual cabs and a steam generator E60CH 10/74-8/75 19 E60C with dual cabs and an HEP set E60C-2 8/82-1/83 41 updated dual cab E60C \*2-D+D-2 electrics 'Little Joe' ?/49-?/49 15 electrics built for USSR, 15 sold in the US. \*B-B Full Body Passenger and/or Freight Units 'UM20A' 2/54 2 [all CB engine] experimental units 'UM20B' ?/54 experimental units, cabless P32AC-DM ?/95-?/95 22 [all 7FDL engine] AC traction diesel-electric/third rail units B40-8P ?/93-?/94 44 B42-8P 1996? 98+ \*C-C Full Body Freight and/or Passenger Units 'WP&Y' 2/54-2/56 11 custom narrow gauge units U30CG 11/67 U30C with steam generator and cowl body P30CH 8/75-1/76 25 U30C with HEP set and cowl body 3/90-?/94 C40-8M Cowl body version of C40-8 \*Various Steam Turbines and Gas Turbines (GT) 'Steam Turbine' ?/39 experimental steam turbine, 2+C-C+2 '101' 2/48 developmental gas turbine, B+B-B+B '4500 HP GT' 2/52

(Continued on page 5)





modified version of #101, above

Diesel Production Statistics (Continued from page 4)

'4500 HP GT' ?/54

modified version of 10 units listed above

'10000 HP GT' ?/58-?/61 30

larger version of above units, C-C+C-C

#### \*Industrials

GE has built thousands of small industrial units in dozens of configurations and with several different engines.

American Locomotive Company (ALCo)

American Locomotive Company was one of the steam locomotive builders in the country, and gradually switched over to diesels. The name of the company was changed to Alco in 1956. Alco's name and assets were acquired by Worthington in 1964, and Worthington merged with Studebaker Studebaker-Worthington in 1967. Alco quit building locomotives in 1969. Alco's longtime subsidiary Montreal Locomotive Works purchased the rights to Alco designs in 1969. MLW was sold to Bombardier Company in 1979. The Alco rights were eventually sold to GE, and Fairbanks-Morse now holds the rights to manufacture Alco engines and spare parts and to market Alco engines for all non-rail applications. GE retains the rights to market Alco engines for rail applications.

#### Engines:

IR--Ingersoll-Rand, 10x12 inch cylinder, 14.75x16 inch cylinder

M&S--McIntosh & Seymour

531-12.5x13 inch cylinder, 600-900 HP 539-12.5x13 inch cylinder, 660-1000 HP 14x18 inch cylinder, 900 HP

241--1500 HP (12 cylinder)

244--1500 HP (12 cyl.) to 2250 HP (16 cyl.)

251--800 HP (6 cyl.) to 3600 HP (16 cyl.)

241,244,251 are 9x10.5 inch turbocharged engines

## Shops:

Schenectady, NY--some facilities remain in existence. Montreal, Quebec--MLW shop, secondary construction shop later used by Worthington/MLW, then

Bombardier/MLW, then GE. Shop is now closed.

\*B-B Switchers

5 / Ion'	?/31-?/35	7	M&S engine
'60 Ton'	?/24-?/28	26	IR engine
'60 Ton'	5/31	1	M&S engine
'100 Ton'	?/25-?/28	7	IR engine
'NYC 1525'	?/28	1	IR engine
41	1		

diese	l-electric/battery/tl	hird rail	unit
'0900'	?/31	1	[all 531 engine]
HH600	?/31-?/39	7	
HH900	?/37-?/39	21	
HH660	?/39-?/40	43	[all 539 engine]
HH1000	?/39-?/40	34	
SI	4/40-6/50	540	
S2	4/40-6/50	1502	
S3	3/50-?/57	292	
S4	8/50-1/61	797	
S5	6/54	7	[all 251 engine]
S6	5/55-12/60	126	
SSB9	222	2	

cow-calf version of S6

\*B-B Light Roadswitchers/Transfer Units

T6	3/58-12/59	57	
	12/64-1/69		
RS1	3/41-3/60	417	[all 539 engine]
RS2	10/46-5/50	383	[all 244 engine]
RSC2	10/46-4/50	70	
AlA	-A1A version of R	S2	
RS3	5/50-8/56	1370	
RSC3	11/50-6/52	19	
AlA	-A1A version of R	S3	
C415	4/66-12/68	26	[all 251 engine]

\*B-B Roadswitchers

RS11	2/56-4/64	426
RS27	12/59-10/62	27
RS32	6/61-6/62	35
RS36	2/62-8/63	40
C420	6/63-8/68	131
C424	4/63-5/67	190

(Continued on page 6)

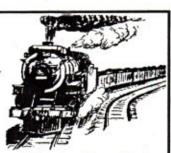
## OIL CREEK BELT

HO Model RR DuBois, Pa 15801

Route of the Red Journals



Wm. J. Murray, Trustee (In Chapter 99 Receivership)



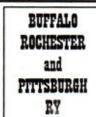
Mahoning Steam Coal To The Lake Ports

## BR&P Railway Co.

RD2 Box 146 Punxsutawney, PA 15767 Butler to Salamanca 1st & 2nd main subdivisions



Agent: W.R. Drummond



SAFETY AND SERVICE

HO Onboard

## Diesel Production Statistics (Continued from page 5)

C425	10/64-12/66	91
C430	7/66-2/68	16

## \*C-C Light Roadswitchers

MRS1	3/53-10/53	83	244 engine
custom	variable gauge	units,	1000 HP (GE sub-
contrac	t)		

DL535E	4/69-12/71	10	251 engine
custom	narrow gauge un	its	

RSDI	11/42-5/46	150	539 engine
RSD4	3/51-8/52	36	[all 244 engine]

C-C version of RS3 3/52-3/56

KSDS	3/32-3/30	204	
impr	oved RSD4		
DODO			

RSD7	1/54-1/56	17
		525555

RSD12	4/56-3/63	161	[all 251 engine]
DCD15	215/ /1/0	07	

K2D12	2/56-6/60	8/
C628	12/63-12/68	181
C630	7/65-7/69	133

C630 7/65-7/69 12/67-11/68 34 C636

3 9/64 DH643

diesel-hydraulic unit using two 12 cylinder engines, 4300 HP

## \*B+B-B+B Roadswitchers

00.00		
C855	6/64	2

two C628s on one frame, a total design failure

C855B 6/64

## cabless version of C855

## \*B-B Full Body Passenger/Freight Units

_	D I un Doc	ij i assemgenni reng	om cmis	
	'Black Ma	ria A' ?/45	2	[all 241 engine]
	exper	imental units		
	'Black Ma	ria B' ?/45	1	
	cable	ss version of abov	e	
	FAl	1/46-10/50	433	[all 244 engine]
	FB1	1/46-10/50	249	
	FA2	10/50-6/56	395	
	FB2	10/50-6/56	227	
	*A1A-A1A	Passenger Units		
	DL109	1/40-4/45	74	[all 539 engine]
	DL110	2/41-8/42	4	
	cable	ss version of DL1	09	
	PAI	9/46-6/50	170	[all 244 engine]
	PB1	9/46-8/49	40	
	PA2	4/50-5/52	28	

PA/PB3 mechanically identical to PA/PB2

2

49

5

## \*2-D-2 Passenger and/or Freight Units

8/50-9/50

4/52-6/53

4/52-12/53

PB2

PA3

PB3

'NYC 1500'	?/28	1	M&S engine
'NYC 1550'	?/28	1	IR engine



## BT&E

**OPERATES** SUNDAY

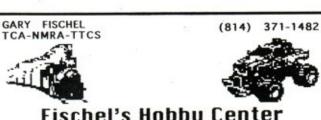


N SCALE FREIGHT AND PASSENGER SERVICE

CEO JAMES BROWN 307 POPLAR AVE CLEARFIELD, PA 16830

(814)-765-3205

"OUR SERVICE IS BETTER THAN EVER"



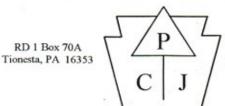
## Fischel's Hobby Center

517 LIBERTY BLVD., DUBOIS, PA 15801

N, HO, LGB, BRASS, LIONEL TRAINS, RC CARS, RC PLANES
PLASTIC MODELS, ROCKETS, WOOD BOAT MODELS
DIE CAST CARS, DOLLHOUSES, BALSA
GAMES, AIRBRUSHES, X-ACTO & DREMEL

"YOUR BETTER HOBBY SHOP"

# PINE CITY JUNCTION RAILROAD



HO Onboard

Point to Point Operation

Robert Hartle - Superintendent

## Bring & Brag

t the October 13th meeting of our division, five entries were offered in the Bring and Brag competition. The category this time was "Your latest project" and some truly outstanding work was presented. I was particularly impressed with the ingenuity and skill demonstrated in widely varying projects; each of us could find something to challenge or intrigue us... and that is the true value of Bring & Brag.

Our first place winner, with 7 votes, was Gary Lasher; his C&NW Gondola was created by splicing a couple of Atheam gons together, adding scratchbuilt ends, repainting appropriately, decaling with Herald King decals and then weathering the resulting car, which is to be used for hauling crushed auto bodies. A neat project, well executed.

The 2nd place honor went to Harold Fye (4 votes) for his Atheam RDC car Ernst gear kit, not yet quite complete, but far enough along to be appreciated. In addition a new E&C 65 foot gondola was shown.

Jim Brown showed an ingenious N-scale Hybrid F7A (PRR); it features a TRIX Frame modified to accept a Kato motor, a LIFE LIKE body shell, and worm gears and bushings from the source of all good things, the SCRAP BOX. Jim says this engine still requires shaft couplings and permanent motor mounts.

Alan Morean showed his Atheam Hustler pulling 3 really neat scratchbuilt log cars and a scratchbuilt disconnect log car. This was a very good looking, impressive project. Nice work, Alan.

Don MacIsaac's two Armour reefers started life as standard Mantua refrigerator cars with the typical Mantua metal underframes. Both cars were stripped, repainted and re-decaled with distinctive billboard advertising schemes (Champ Decals) to represent two different Armour products. Frames were modified to carry Atheam trucks with Drummond-style anti-rock, and to permit the frame mounting of Kaydee

SUMMERVILLE, PA

N. BESSEMER YARD OFFICE

By: Don MacIsaac

couplers.

In conclusion, I would like to say that I believe that seeing works-in-progress is very helpful to us all, and I hope that more modelers will share their efforts in future months, even if a project is not complete to the very last grab iron.

The category for November is CABOOSES. Some fellows are already salivating over entries they have recently completed, so get busy and hatch a caboose of your own for next month's get together. This is a sufficiently popular category to generate at least ten or twelve entries, I think! We discussed and voted on a revised scoring system for next year's BRING & BRAG competition. In 1997, we will continue to vote for just one favorite apiece. However, models which place 2nd and 3rd will given additional point recognition, according to the following scale:

Highest number of popular votes earns 5 points 2nd highest number of popular voters earns 4 points

3rd highest number of popular votes eams 3 points

All other entries which fall in the specified category for the month earn 2 points.

Any entry not in the specified category earns 1 point.

A special ruling covers the potential case where an entry not in the specified category comes in first, second, or third in the popular vote. In this eventuality, one point will be deducted from the usual place score; i.e., first would then be awarded only 4 points, 2nd only 3 points, and 3rd only 2 points.

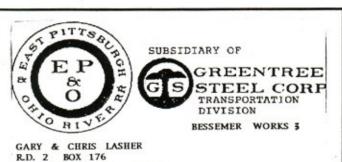
This plan seems fairer on the face of it, and we'll have ample opportunity as 1997 wears on to evaluate it. Keep on modeling!.... we need more members to contribute!.... your scoring possibilities have just been enhanced for the newyear. See you in December; bring a caboose.

Don M.

## Current Bring & Brag Point Standings as of 10/96

Don MacIsaac	22
Steve Clark	20
Alan Morean	19
Rich Steiner	18
Jim Brown	16
Gary Lasher	13
Jack Campbell	11
Bryan Hartle	9
Harold Fye	8
Bill Drummond	6
Ed Stevenson	5
Jeff Bowman	4
Bob Sharland	4
Nick D'Amore	4
Brad Esposito	3
Chris Lasher	3
Bob Hartle	2
Al Crawford	2
Al Crate	2





(814) 856-2381

## **Metro Hobbies**

202 Depot St. St. Marys, PA 15857 (814)834-9833

HO,N,O,O-27 trains, Lionel dealer Sale Table Every Day! Club discounts, special orders Trading available Hrs 9/7-5/15: Mon-Sat 10-5PM, Fri 10-8PM Hrs 5/16-9/6: Mon-Fri 10-5PM, Sat 10-8PM Appointments for weeknights welcome NMRA MCR Div. 11 c/o Jeff Bowman 404 Eastview DR Curwensville PA 16833



Mailing Address Goes Here

The Keystone Corridor

# Map to November meeting at Clarion Model Railroad Club

