

MUSCATINE POLICE DEPARTMENT FIREARMS TRAINING FACILITY



Thanks To:

- ❑ Muscatine City Council
- ❑ Muscatine Department of Public Works
- ❑ Muscatine Police Department
- ❑ Muscatine Parks and Recreation
- ❑ Muscatine Power & Water

MUSCATINE POLICE
DEPARTMENT RANGE CIRCA
2006



MUSCATINE POLICE
DEPARTMENT RANGE
SUMMER 2008



Summer 2010



United States Supreme Court

- ▣ Consistently ruled that agencies must train their officers with firearms and other force options.
- ▣ Static Shooting and qualifications are not considered training by US Supreme Court.

What Can Also Be Done???

- ▣ A Range to Train !
- ▣ Reactionary type training.
 - Favored by the Courts
- ▣ One location for long and short range training
- ▣ Additional training opportunities
- ▣ Existing building available classroom
 - Heat / AC / Shelter

What We Wish To Do!



PROPOSED FIVE YEAR PLAN

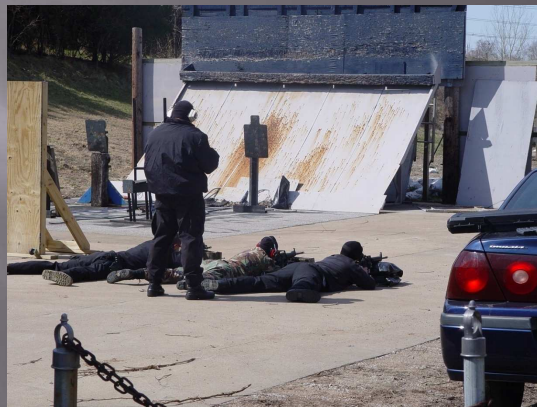
MPD Police Range 2011

- ▣ Year One
- ▣ 30' x 170' x 8" Millings Area = approx 126 cu yards
- ▣ Berm with 25' Wing
- ▣ Electrical run to target system
- ▣ Air line for target system replaced
- ▣ Move car port to new range location
- ▣ Construct new barricades for 25 yard line
- ▣ Build 10' x 25' x 4" concrete slab for targets
- ▣ 6" conduit construction to 50 yard line
- ▣ Seed berm

MPD FIVE YEAR PLAN

Year Two

- 30' x 75' x 4" concrete slab (~28 yards concrete)
- Lighting at target area, 25 and 50 yard line



Year Three

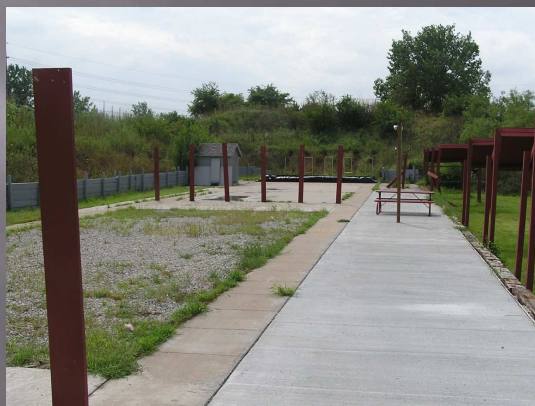
- ❖ Expand Side Berm ~ 20 to 40 Feet
- ❖ Concrete to 50 yard line (20' x30') Pad



MPD Five Year Plan

YEAR FOUR

- 60' x 50' gravel parking lot area
- Construct steel step system to lower range
- Construct divider beam/barrier to berm extension



MPD FIVE YEAR PLAN

Year Five



New target system



Electricity to side range area



MPD Range Projection



PROPOSED IMPROVEMENTS

- 6 Position range with 5 foot spacing
- Expansion to 10 positions in future
- Berm needs to be 50' long

- 2:1 Slope
- 6 foot top

1. Average Cross Section Width = $6 + .5(40 + 40)$	46ft
2. Average Centerline Length = $50 + .5(40 + 40)$	90ft
3. Average Height	20ft

Proposed Improvements Cont.

- ▣ Volume of Material 82,800 Cubic Feet
- ▣ Weight @ 145 #/C.F. 12,006,000 lbs / 6003 T

Cost Benefit Analysis

- ▣ Total Estimated Expenses >>> \$36,600.00
- ▣ Money on Hand >>>>>>>>> \$18,600.00
- ▣ Cost Difference >>>>>>>>> \$23,000.00
- ▣ Funding for the cost difference will be taken out of the Insurance Trust

Scheduled use for existing range



Tactical Training



Training Continued

• Functional Building

- Meetings
- Training
- Winter

Warmth



Look to the Future



The Future



Thank You !!!

