

Conduit

- 8-20.3(5)
- 9-29.1

Ream Pipe



Threading GRS Conduit



Threading on a Tri-pod





New Thread Cut Not Square



Galvicon New Threads

10 12:40PM



SS 8-20.3(5)
Page 648

New Threads
/Copper Coat

3-Piece Coupling

Together

Apart





Fixed Coupler
Section



Fixed Coupler Section

Slip Couple Section





Copper Coat All Threads



Screw It Together



Cutting 3 Inch Pipe Ready to Thread



Threading Larger Pipe



Large Threader

1" & 2" Long Sweep 90s



11 Degree Bend



28 1:48 PM



Conduit Spacers

Conduit on Bridge





Conduit in Bridge Rail



**Conduit and Bridge Ell on Side
of Bridge**



**Conduit on Bridge, Deflection
Fittings, L.B.s**



Surface Mount With SS Banding



Conduit Bodies



Conduit Fittings



17 1:31 PM



14 1:10 PM





ONE CP8-TB
Half Lb.

KOPR-SHIELD®
Conductive
Anti-Corrosion
Surface
Compound

*Reg. TM of JET-LUBE, INC.
Thomas & Betts Corporation
Bridgewater, N.J. 08807
Made in U.S.A.
Printed in U.S.A.
R107201 H

Thomas & Betts

Colloidal Copper

Expansion Fitting With Ground Strap





Expansion at Bridge End

PVC Expansion Fitting



FEB 24 2005



**PVC Expansion Fitting Poured
Into Rail**



Deflection Fittings

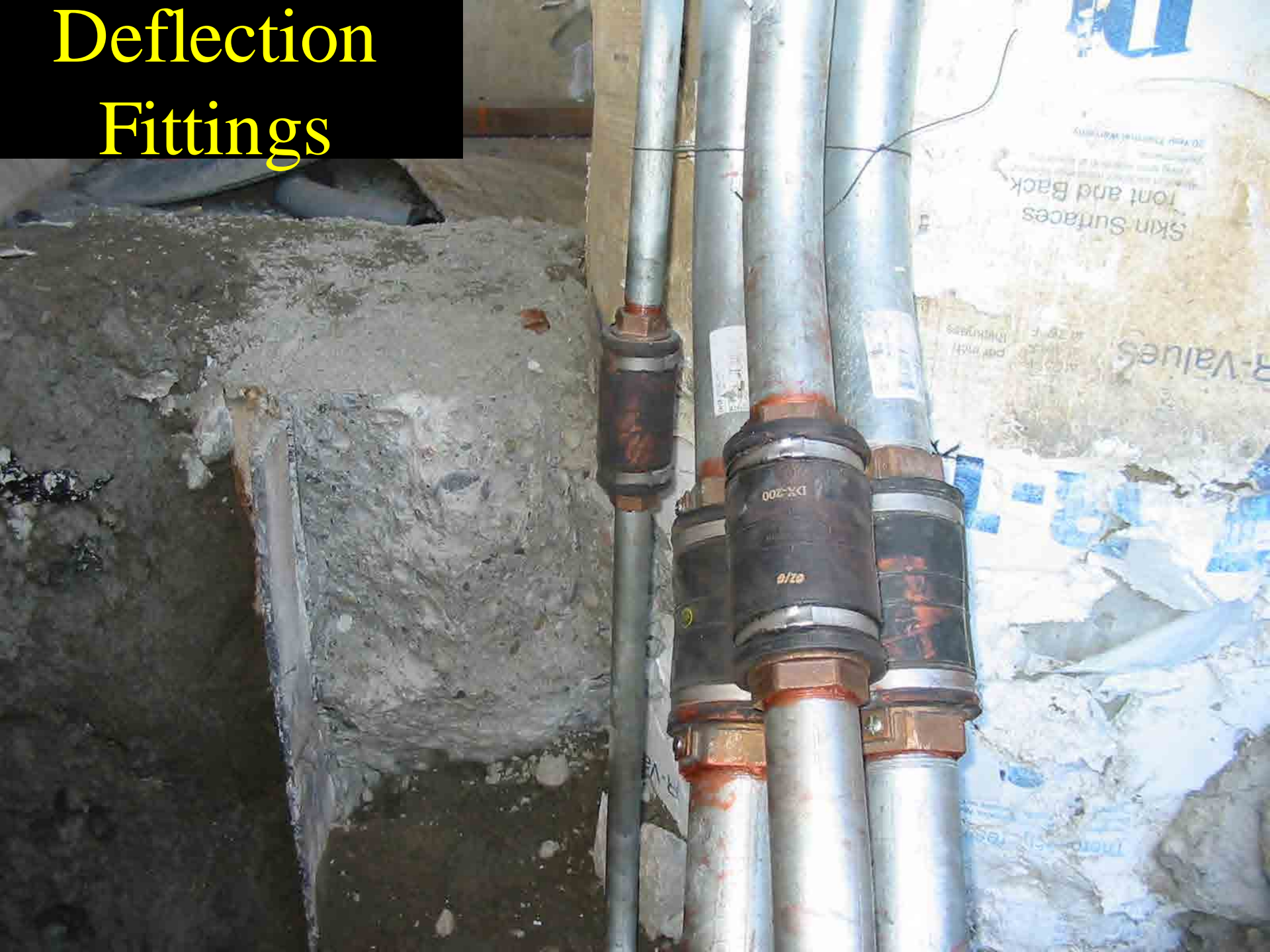


Steel placed over PVC to prevent damage while installing G. Rail end.



PVC Exiting Barrier End

Deflection Fittings



Deflection Fitting





What Is Wrong With This Picture

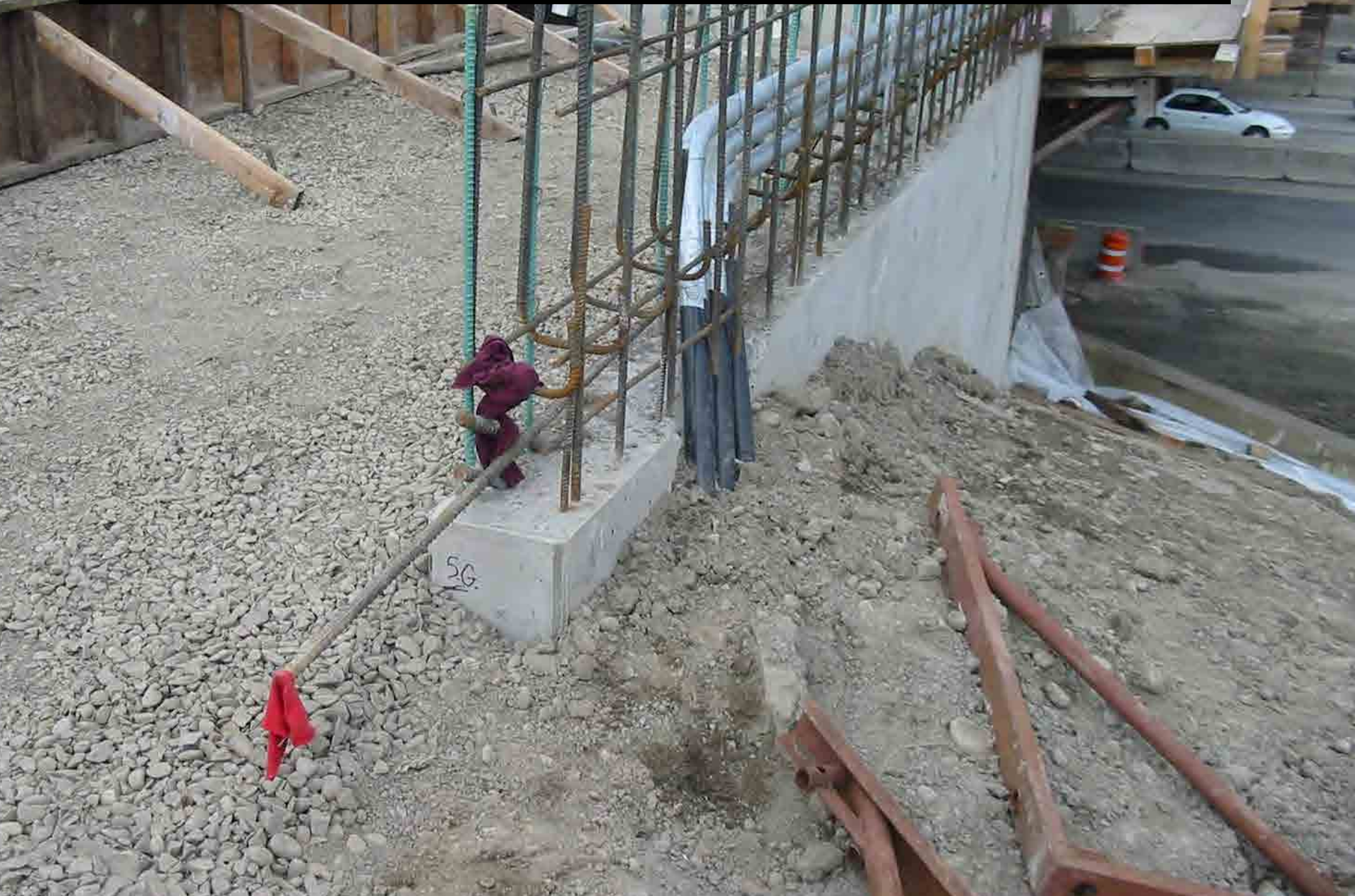
PH

Corrosion Resistant Tape

NW Special Provision
9-29.1



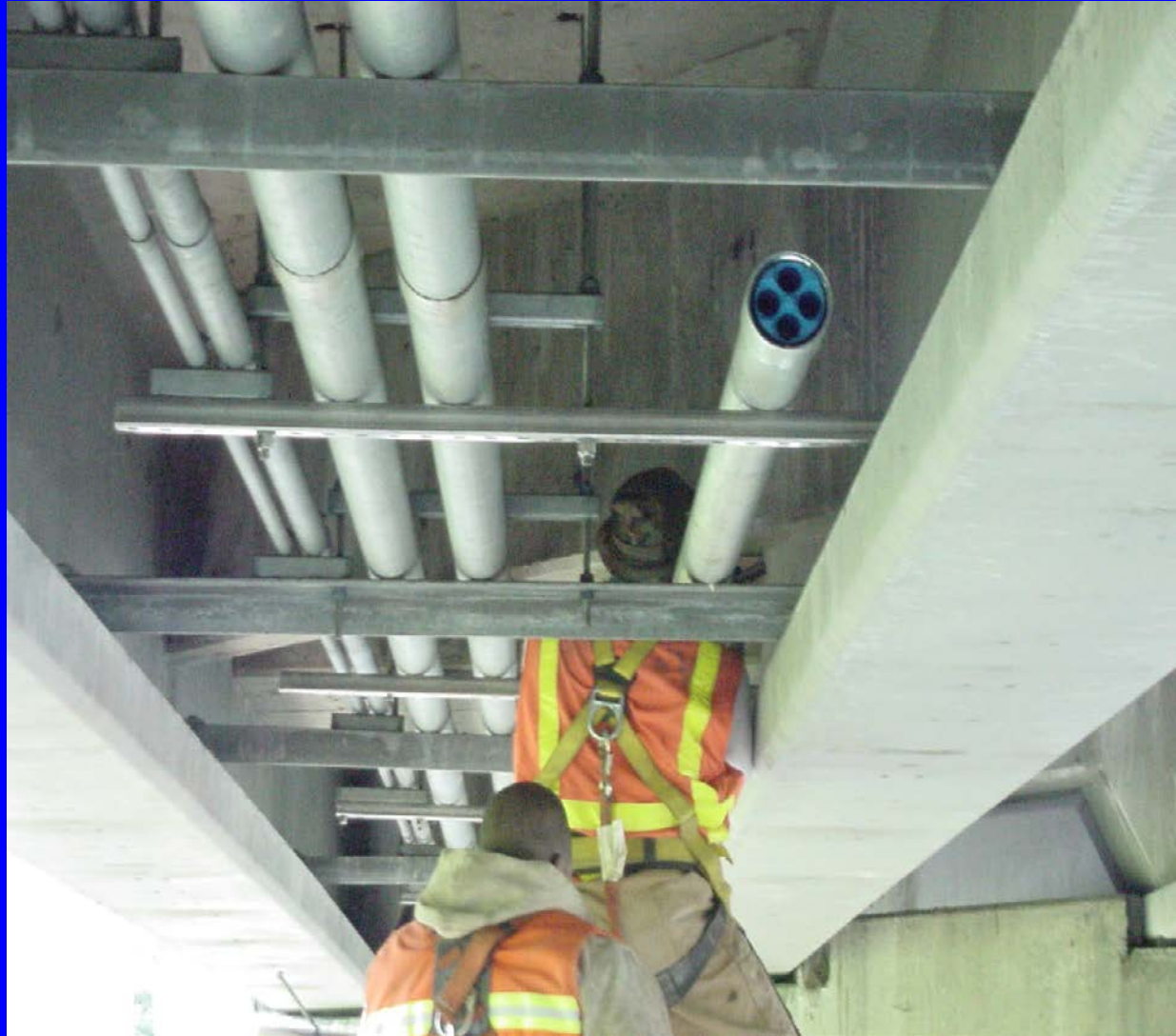
Corrosion Tape



Mounted Under Bridge



Suspended Under a Bridge



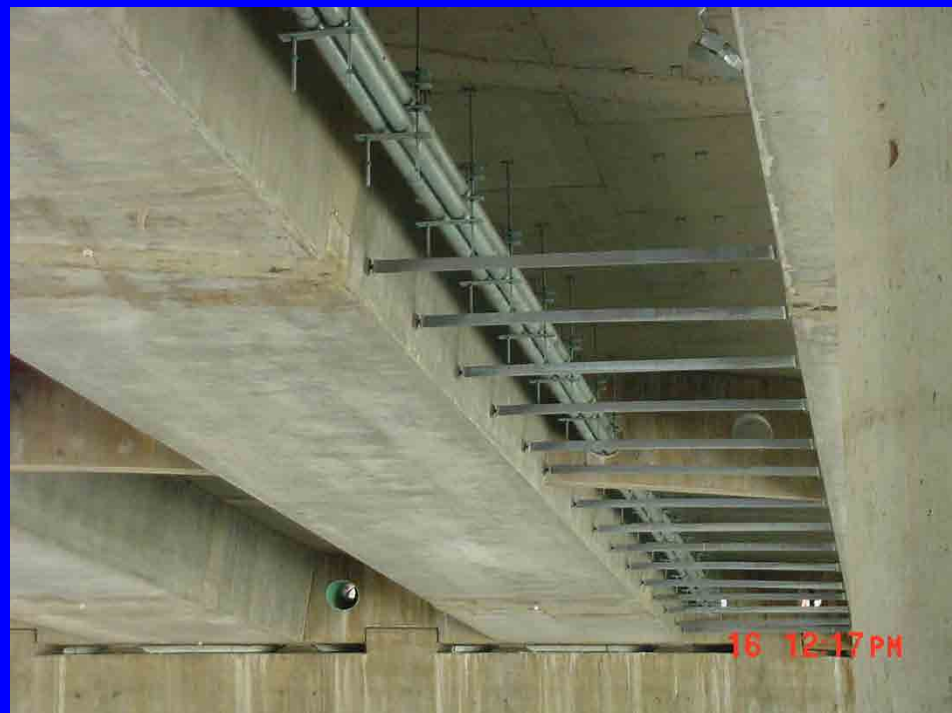


16 12:18 PM

4 Inch Steel on Hangers



16 12:18 PM



16 12:17 PM

Conduit in the Trench





Schedule 80 PVC Road Crossing



Road Crossing Without Sand



Conduit Placed in Foundation



Cap or Duct Seal Conduits



17 10:17 AM



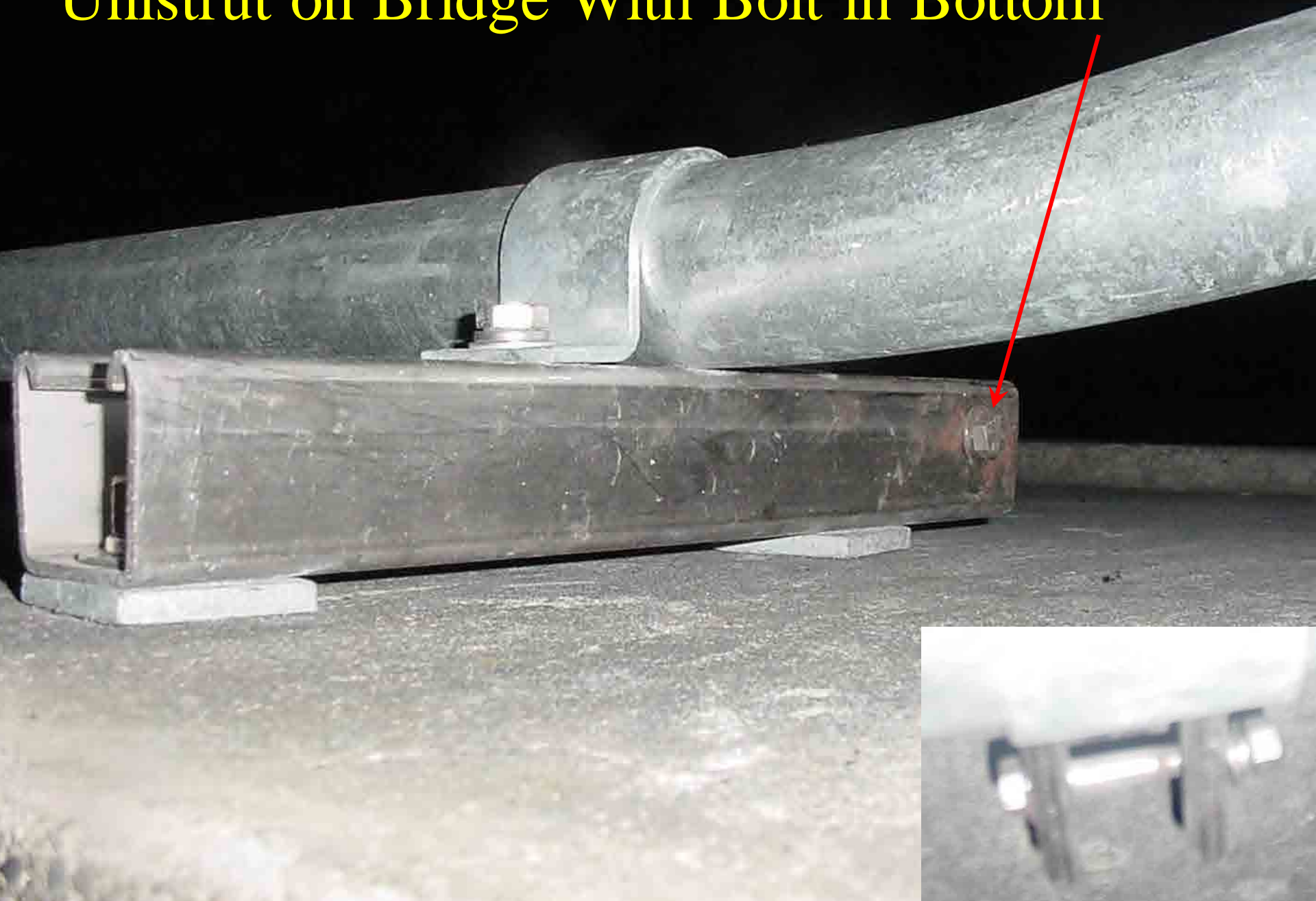
Innerduct Plugs



Innerduct Nipple



Unistrut on Bridge With Bolt in Bottom





CONDUIT 1/2" HDPE GRUNDING UNDERGROUND CONTROL NO. 2221

1/2" x 3/4" UNISTRUT

CONDUIT 1/2" HDPE GRUNDING UNDERGROUND CONTROL NO. 2221

Conduit on Unistrut



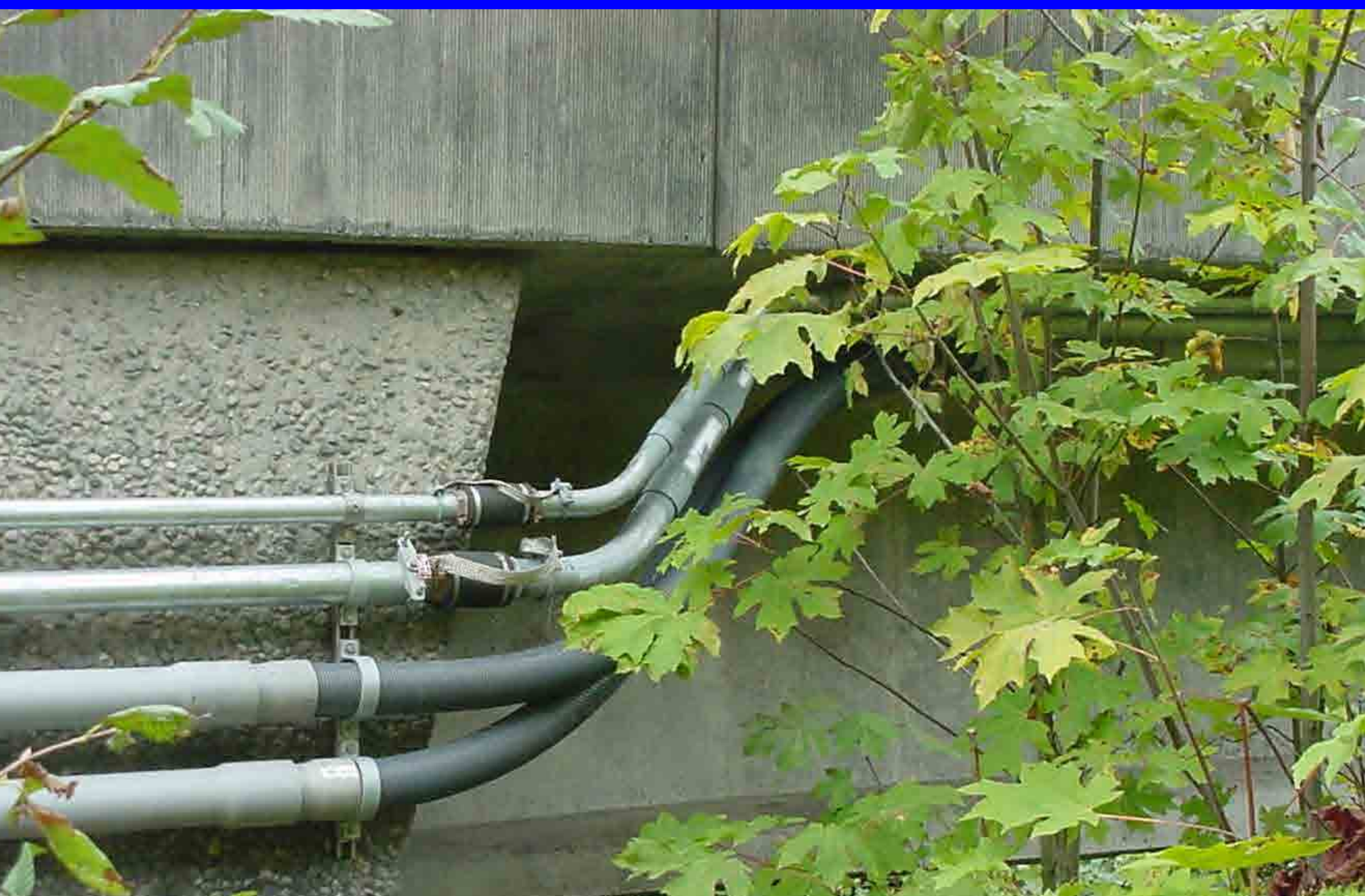
Conduit
on
Unistrut



SS Two Hole Strap



Four-inch Flexible Innerduct



Conduit Placement



Conduit Being Slid Into Barrier Steel



Barrier Box (With Flex to the Box)



Slip Form Barrier

Slip Forming Both Front and Back





Fractured Fin Back Form



One Box in Rail With Offsets

Minimal Bends Are Better



PVC in Cast in Place Bridge Rail



FEB 24 2005

FEB 24 2005

Directional Boring Machine





Directional Boring “Drill Heads”



Reamer

12 11:37 AM

Pick Your Spot and Drill



Vacuum Trailer Picks up Bentonite Slurry





Locator Finds Drilling Head Location

Locator

- Headed down 7 degrees
- Spade at 11 o clock
- 134 inches deep





Boring Head Comes Out

Universal Joint Attached to Conduit Ready to Pull It Back



Conduit Being Pulled Back





**Multiple Conduits in
Same Bore**



**Connect 4 HDPE
Conduits**

1 - Three Inch
3 - Two Inch
HDPE Conduits



Space can be a Challenge 11:28 AM



SR 18 from Military Rd. Bridge



A Tough Bore



Pulling Back With Reamer





HDPE Schedule 80

...LIC CONDUIT UNDERGROUND (HIGH DENSITY POLYETHYLENE) -- 4" IPS - SCHEDULE 80 - 7 -- C

HDPE to PVC Coupling



24 8:57 AM



24 8:58 AM

HDPE to PVC Coupling



Hole Hog (Mole) Pushing Conduit



Innerduct in Trench, CDF, Ribbon



Safety




For Safety Sake Tie Off



23 11:53 AM

Always Assure Safety

24 12:14 PM



Neutral
Wire
Touching
Pole

24 12:14PM

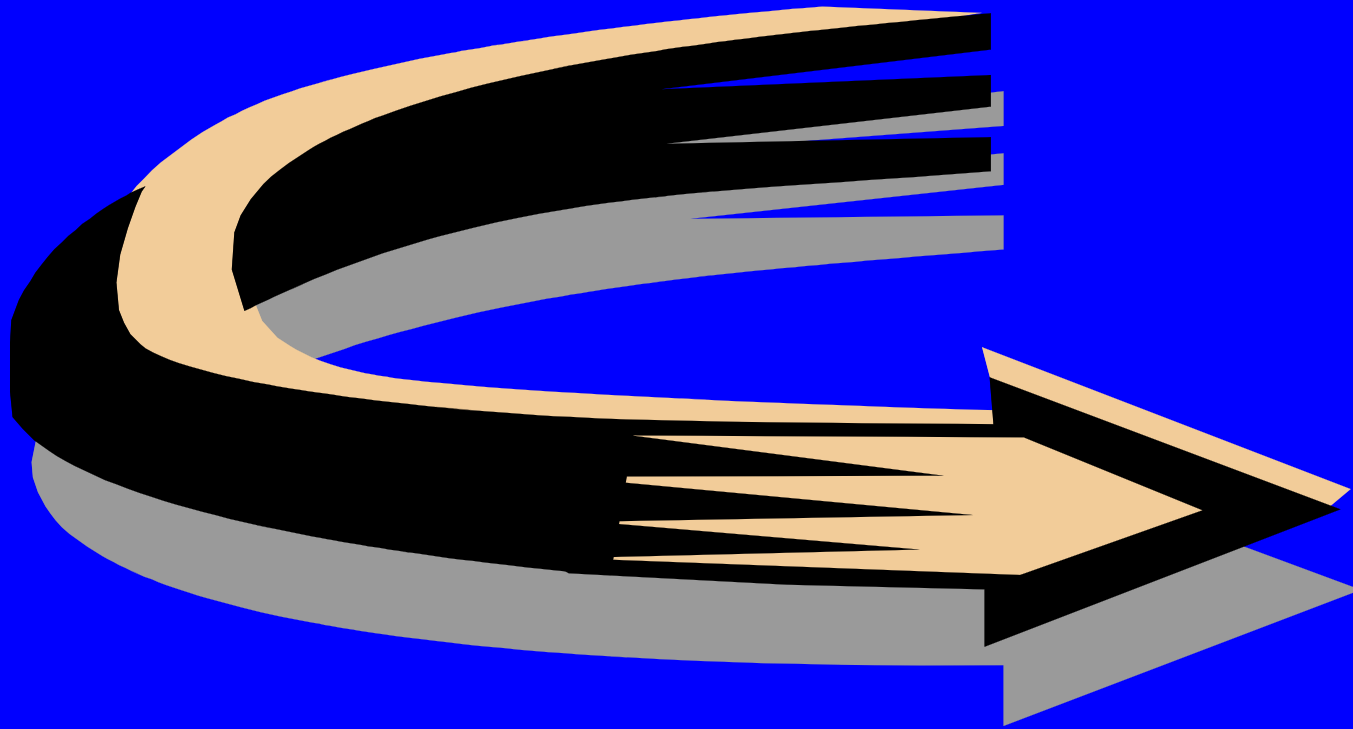
Why Women Make Better Drivers



Safety First

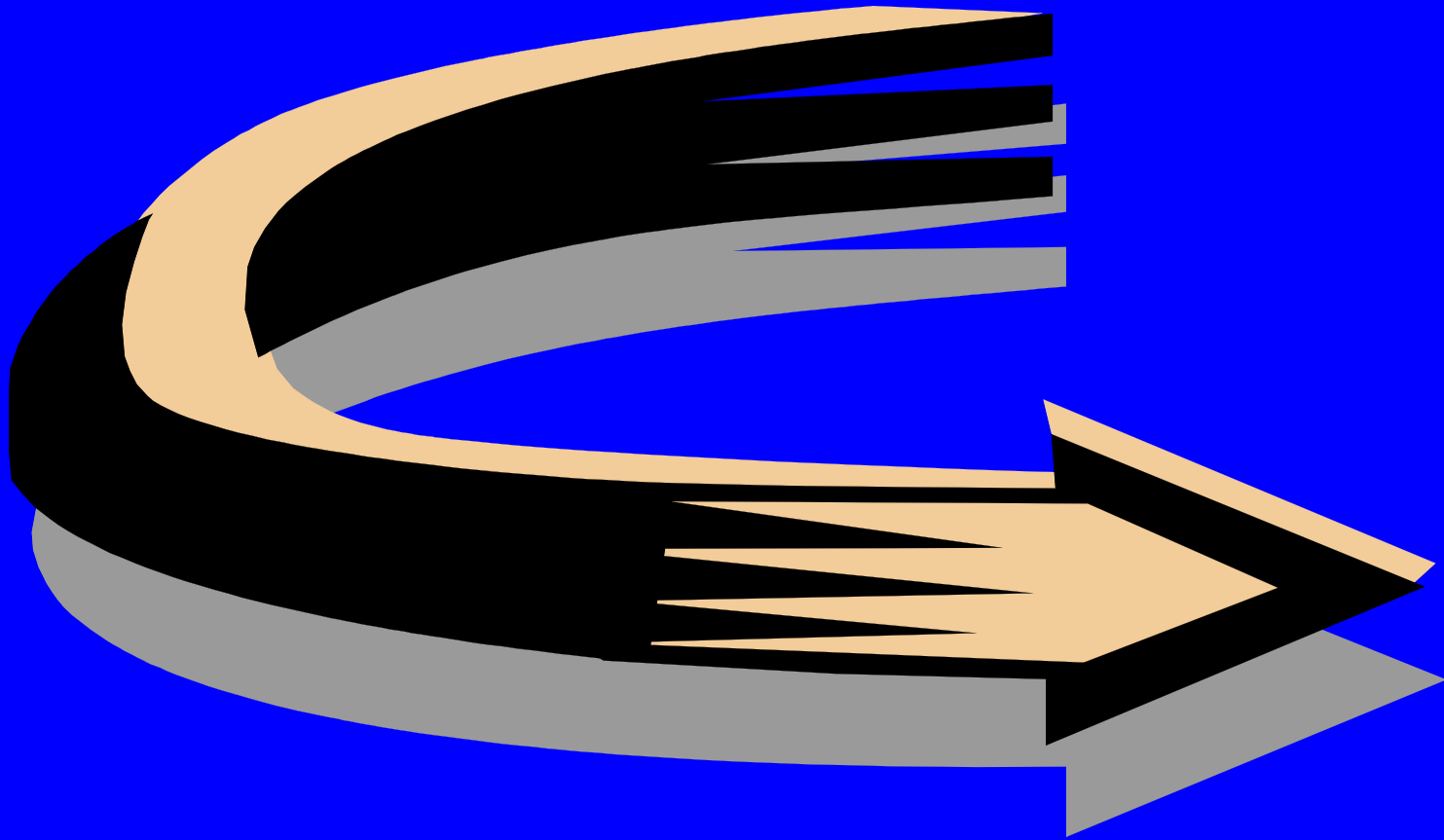
Winners of the Contest

The Fourth Place Winner Is:



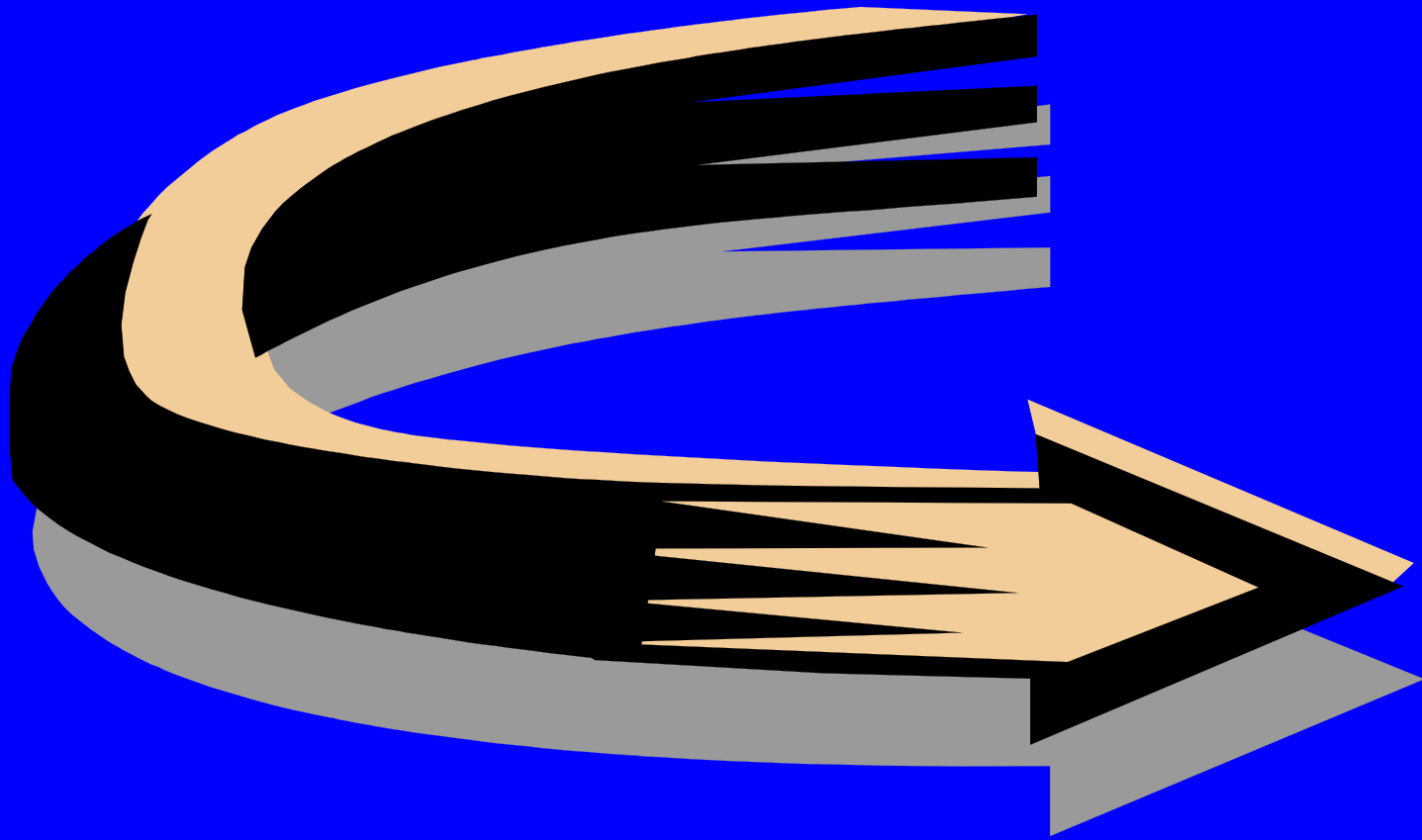


And In Third Place





Second Place Is a Winner in Itself





Now For Our Grand Prize
Winner



