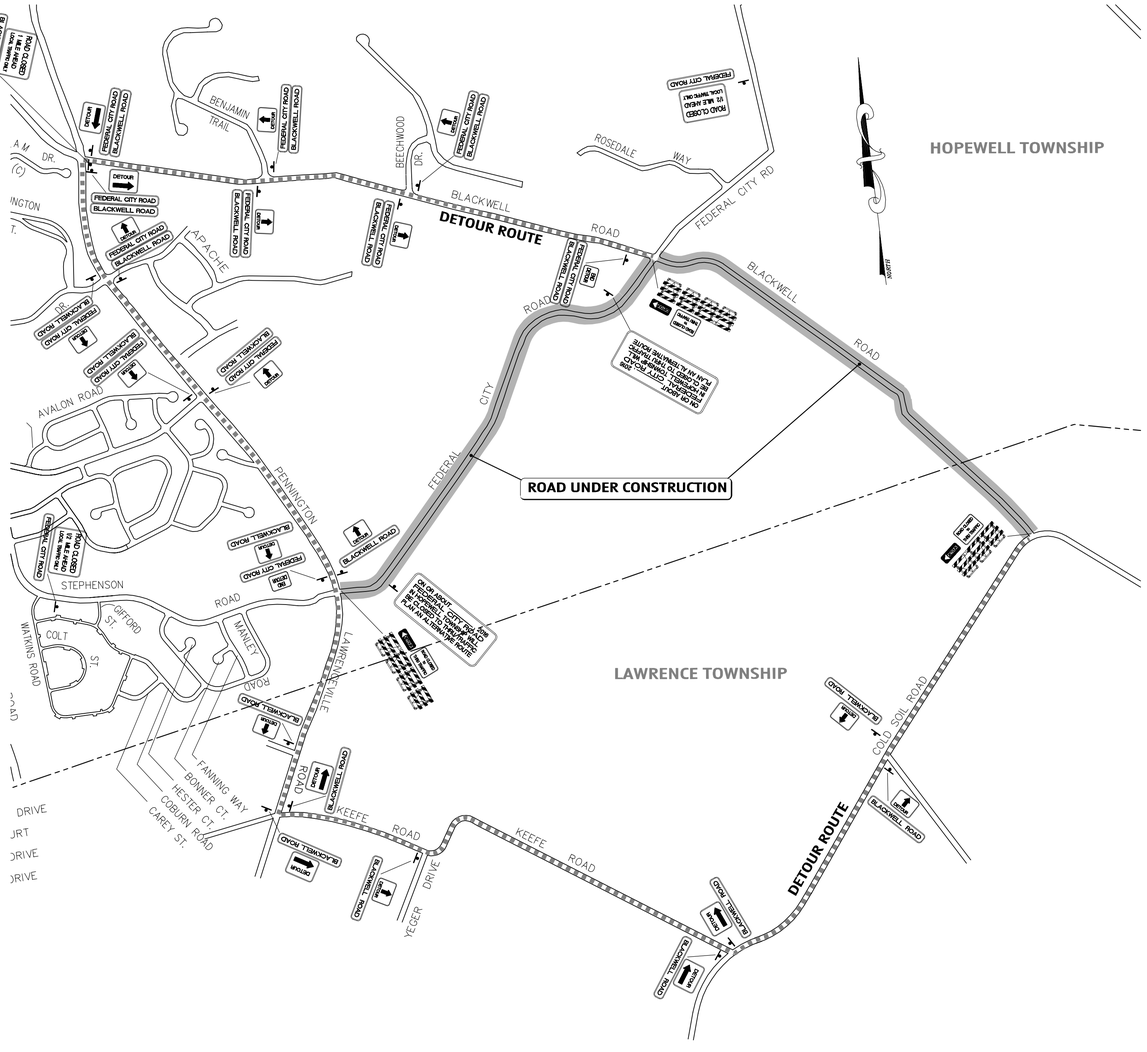


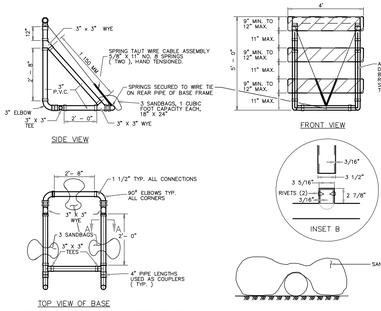
DETOUR PLAN

SCALE : 1"=800'

NOTE:
CONTRACTOR TO PROVIDE A SAFE PASSABLE ROUTE AT ALL TIMES FOR LOCAL RESIDENTS, EMERGENCY VEHICLES, SCHOOL BUSES, GARBAGE TRUCKS & MAIL TRUCKS.

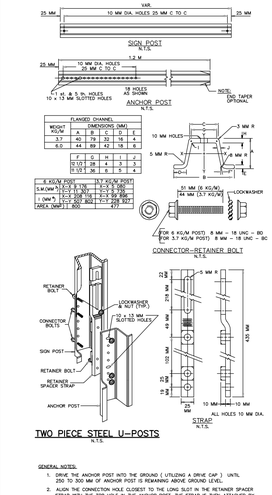
SIGN

SIGN	
DETOUR M4-10R 48" X 18"	TO BE MOUNTED ON BREAKAWAY BARRICADE TYPE III OR SIGN POST
DETOUR M4-10L 48" X 18"	TO BE MOUNTED ON BREAKAWAY BARRICADE TYPE III OR SIGN POST
DETOUR M4-9R 30" X 24"	TO BE MOUNTED ON BREAKAWAY SIGN POST
ROAD CLOSED TO THRU TRAFFIC R11-4 60" X 30"	TO BE MOUNTED ON BREAKAWAY BARRICADE TYPE III
DETOUR M4-9 30" X 24"	TO BE MOUNTED ON BREAKAWAY SIGN POST
TYPE III BARRICADE	
FEDERAL CITY ROAD ORANGE 36" X 12"	TO BE MOUNTED ON BREAKAWAY SIGN POST
DETOUR M4-9L 30" X 24"	TO BE MOUNTED ON BREAKAWAY SIGN POST
END DETOUR M4-8 24" X 18"	TO BE MOUNTED ON BREAKAWAY SIGN POST
TWO BREAKAWAY SIGN POSTS FOR ALL SIGNS 48" & LARGER	
ROAD CLOSED 1/2 MILE AHEAD LOCAL TRAFFIC ONLY R11-3a 60" X 30"	TO BE MOUNTED ON TWO BREAKAWAY SIGN POSTS
ROAD CLOSED 1 MILE AHEAD LOCAL TRAFFIC ONLY R11-3a 60" X 30"	TO BE MOUNTED ON TWO BREAKAWAY SIGN POSTS
BLACK 4" LETTERS ON OR ABOUT _____, 2017 FEDERAL CITY ROAD IN HOPEWELL TOWNSHIP WILL BE CLOSED TO THRU TRAFFIC PLAN AN ALTERNATIVE ROUTE ORANGE 48" X 36"	TO BE MOUNTED ON TWO BREAKAWAY SIGN POSTS
BLACKWELL ROAD ORANGE 36" X 12"	TO BE MOUNTED ON BREAKAWAY SIGN POST



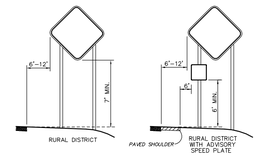
BREAKAWAY BARRICADES

N.T.S.



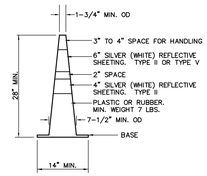
GENERAL NOTES:

1. DRIVE THE ANCHOR POST INTO THE GROUND (UTILIZING A DRIVE CAP) UNTIL 250 TO 300 MM OF ANCHOR POST IS REMAINING ABOVE GROUND LEVEL.
2. ALIGN THE CONNECTION HOLE CLOSEST TO THE LONG SLOT IN THE RETAINER SPACER STRAP WITH THE TOP HOLE IN THE ANCHOR POST. THE STRAP IS THEN ATTACHED BY A BOLT AND NUT. THIS CONNECTION SHALL BE MADE AT THE BOTTOM HOLE IN THE STRAP AND THE HOLE (T ALIGNED WITH IN THE ANCHOR POST.
3. ROTATE THE STRAP 90 DEGREES TO THE LEFT AND DRIVE THE ANCHOR POST INTO THE GROUND UNTIL ONLY 100 MM REMAINS ABOVE GROUND LEVEL. THIS 100 MM MUST BE ADHERED TO FOR SAFETY REASONS TO ENHANCE THE BREAKAWAY FEATURES OF THE SIGN IN ACCORDANCE WITH CURRENT FEDERAL AND STATE SAFETY STANDARDS. EXCAVATE AS REQUIRED TO TIGHTEN BOLTS.
4. ROTATE THE STRAP BACK TO VERTICAL POSITION.
5. PLACE THE SIGN POST AGAINST THE ANCHOR POST AND THE STRAP ALIGN THE APPROPRIATE HOLES IN THE SIGN POST WITH THE HOLES IN THE FREE LOWER END OF THE STRAP. INSERT TWO (2) CONNECTOR BOLTS THROUGH THE COMMON HOLES IN THE SIGN POST, STRAP AND ANCHOR POST.
6. COMPLETE THE CONSTRUCTION BY ATTACHING THE STRAP TO THE SIGN POST WITH A BOLT AND NUT. THIS CONNECTION SHALL BE MADE AT THE BOTTOM OF THE LONG SLOT IN THE STRAP.
7. TWO PIECE STEEL U-POST IS A PATENTED DEVICE. THE PATENT NO. IS 4126403.



SIGN PLACEMENT

TRAFFIC CONES SHALL BE PREDOMINANTLY ORANGE IN COLOR.



BASES MAY BE OF BREAKAWAY BALLASTED TYPE.

MINOR MANUFACTURER'S VARIATIONS MAY BE ACCEPTABLE UPON APPROVAL OF THE ENGINEER.

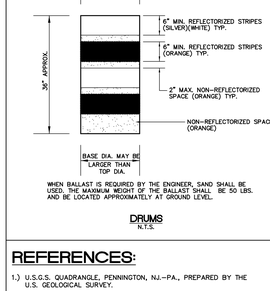
TRAFFIC CONES

N.T.S.

DRUMS SHALL BE MADE OF ORANGE PLASTIC WITH A MINIMUM OF FOUR ALTERNATE ORANGE AND SILVER (WHITE) REFLECTORIZED STRIPES . IF THERE ARE NON-REFLECTORIZED SPACES BETWEEN STRIPES, THEY SHALL BE NO MORE THAN 2" WIDE . STRIPES SHALL BE REFLECTIVE SHEETING , TYPE IIIB. THE TOP OF THE DRUM SHALL NOT BE OPEN.

DRUMS SHALL BE CONSTRUCTED TO INHIBIT ROLLING IF KNOCKED OVER.

THE REFLECTORIZED AREA OF THE DRUMS SHALL BE ROUND EXCEPT THAT OTHER SHAPES, WHICH PROVIDE THE SAME VISIBILITY AS AN 18" DIAMETER ROUND DRUM REGARDLESS OF ORIENTATION, MAY BE USED IF APPROVED BY THE BUREAU OF MATERIALS.



WHEN BALLAST IS REQUIRED BY THE ENGINEER, SAND SHALL BE USED. THE MAXIMUM WEIGHT OF THE BALLAST SHALL BE 50 LBS. AND BE LOCATED APPROXIMATELY AT GROUND LEVEL.

DRUMS

N.T.S.

REFERENCES:

1.) U.S.G.S. QUADRANGLE, PENNINGTON, NJ.-PA., PREPARED BY THE U.S. GEOLOGICAL SURVEY.

2.) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

NOTES:

1.) THE CONTRACTOR IS TO INSPECT ALL DETOUR SIGNS EACH DAY TO ASSURE THAT THEY ARE PROPERLY LOCATED AND FUNCTIONING.

2.) ADDITIONAL BARRICADES, LIGHTS AND SIGNS MAY BE REQUIRED AND SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER.

3.) ALL SIGNS TO BE CONSTRUCTED OF ALUMINUM WITH HIGH INTENSITY REFLECTIVE COATINGS.

4.) ALL SIGN POSTS SHALL BE BREAKAWAY.

5.) THIS PLAN IS NOT VALID UNLESS EMBOSSED WITH THE SEAL OF THE UNDERSIGNED PROFESSIONAL(S).

2007 N.J.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS AMENDED OR SUPPLEMENTED SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT

NEW JERSEY ONE CALL 811 Know what's below. Call before you dig. or 1-800-272-1000
TO LOCATE UNDERGROUND UTILITIES
IF YOU'RE GOING TO DIG, BLAST OR DRILL THREE (3) WORKING DAYS NOTICE
REMEMBER
IT'S THE LAW!
Dig Safely.

NEW JERSEY ONE CALL
UNA LLAMADA
LLAME ANTES DE EXCAVAR
811
OR
1-800-272-1000
PARA LOCALIZAR LAS UTILIDADES SUBTERRANEAS SI USTED VA A EXCAVAR, ESTALLAR O TALADRAR, DE AVISO TRES (3) DIAS DE TRABAJO EN ANTICIPACION
RECUERDE
ES LA LEY!
EXCAVE CON SEGURIDAD
Dig Safely.

			DATE: JAN. 19, 2017
			SCALE: AS NOTED
			DESIGNED BY: H.J.S.
			DRAWN BY: R.R.F.
FOR BLACKWELL ROAD DETOUR	HJS	6/20/17	CHECKED BY: H.J.S.
REVISIONS	AUTH.	DATE	JOB NO. 7074

BY: _____ DATE 01/19/17
HERBERT J. SEEBURGER, JR. N.J. PROFESSIONAL ENGINEER NO. 24GE04748700

Van Cleef ENGINEERING ASSOCIATES
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Municipal Engineering
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PHONE (609) 689-1100 FAX (609) 689-1120
OFFICES THROUGHOUT N.J. EASTERN PA. AND DE
NJ LLC CERT. No. 24GA28132300

CONTRACT 17-02
DETOUR PLAN
FOR
FEDERAL CITY ROAD AND BLACKWELL ROAD
SITUATE IN
HOPEWELL TOWNSHIP, MERCER COUNTY, NEW JERSEY

3
11

FILE No. SCANNED MAPS FOLDER