

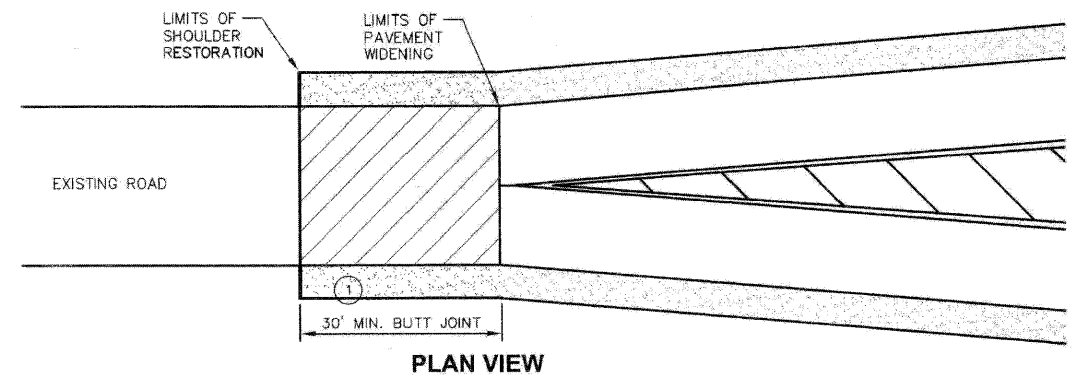
NOTES:

1. OPEN CUTTING OF COUNTY HIGHWAY PAVEMENTS TO BE AT DISCRETION OF MCDOT.
2. WHEN BACKFILLING, TRENCH BACKFILL MATERIAL MUST HAVE SUFFICIENT MOISTURE CONTENT TO OBTAIN THE REQUIRED COMPACTION (REFER TO IDOT STANDARD SPECIFICATIONS).
3. BACKFILLING OF PIPE OR CULVERTS SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF THE PIPE TO ENSURE PIPE IS NOT DEFORMED OR DISPLACED FROM UNEQUAL LOADING / SIDE PRESSURES.
4. TRENCH WIDTH SHALL BE WIDE ENOUGH TO ALLOW FOR PLACEMENT OF THE PIPE AND REQUIRED COMPACTION EQUIPMENT.

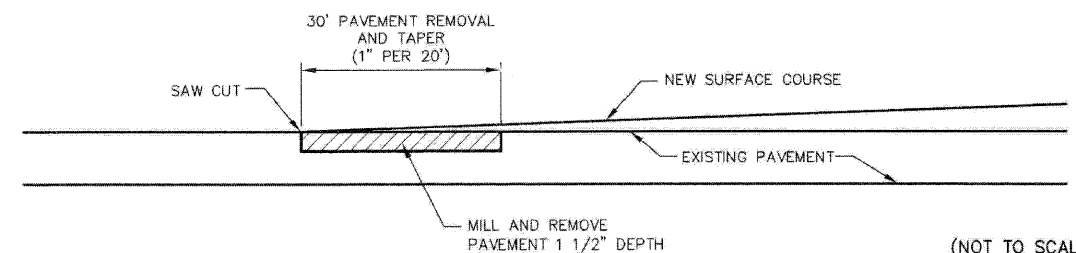
(NOT TO SCALE)

McHenry County
Division of Transportation
PERMIT PROCEDURES DETAIL NO. PPD15
PIPE TRENCH DETAIL
EMERGENCY REPAIRS OR MCDOT PERMITTED
WORK WITHIN COUNTY HIGHWAY R.O.W.

REV. 10/09/01 INT. RELEASE



PLAN VIEW



PROFILE DETAIL

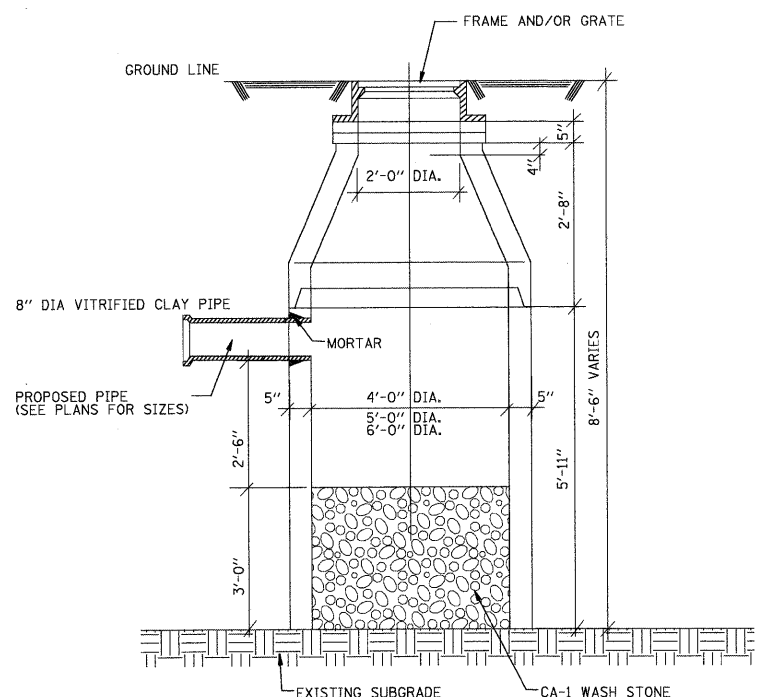
NOTES:

1. BUTT JOINT SHALL BE LOCATED BEYOND THE NEW WIDENING.

(NOT TO SCALE)

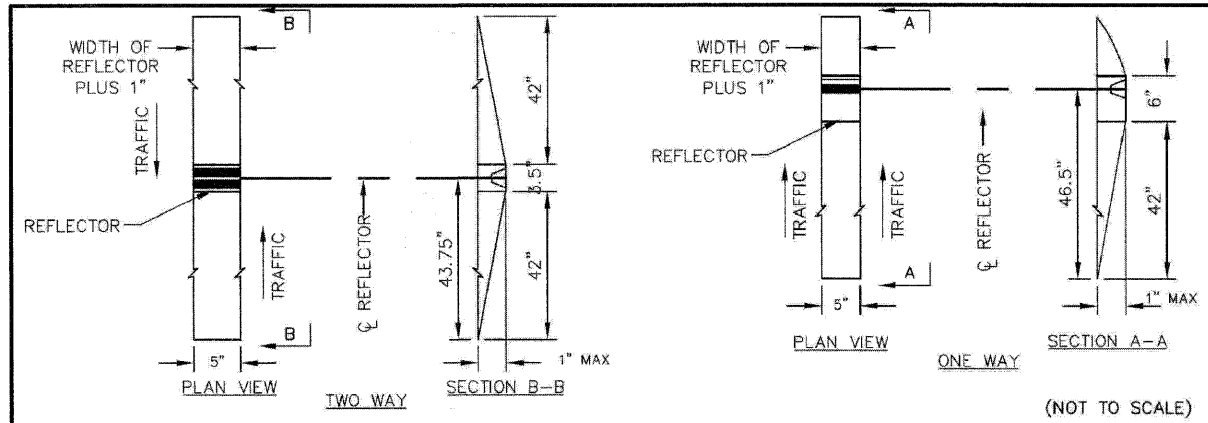
McHenry County
Division of Transportation
PERMIT PROCEDURES DETAIL NO. PPD9
TYPICAL BUTT JOINT DETAIL

REV. 10/09/01 INT. RELEASE



NOTE
 DRY WELL WILL HAVE AN OPEN BOTTOM WITH
 3' OF CA-1 GRADE STONE

CATCH BASIN, TYPE A (DRY WELL)



RECESSED REFLECTIVE PAVEMENT MARKERS

GENERAL CONDITIONS

IT IS THE INTENT OF THESE SPECIFICATIONS TO DESCRIBE THE LABOR AND MATERIALS REQUIRED FOR THE REFLECTORIZED PAVEMENT MARKERS OF SPECIFIC COUNTY ROADS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND ROADS, PART III, MARKINGS ON THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ALL WORK SHALL COMPLY WITH SECTION 781 OF THE STANDARD SPECIFICATIONS.

INSTALLATION

THE RECESSED REFLECTIVE PAVEMENT MARKERS SHALL BE CONSTRUCTED BY REMOVING A 5" X 24" AREA OF THE BITUMINOUS PAVEMENT AT A DEPTH OF 3/4". THIS DEPRESSED AREA SHALL BE TAPERED VERTICALLY FROM THE FULL DEPTH OF 3/4 INCHES TO 0 INCHES IN 30 INCHES AT BOTH ENDS FOR THE TWO-WAY MARKERS AND AT THE APPROACH END ONLY FOR THE ONE-WAY MARKERS. THE DEPRESSED AREA SHALL BE ORIENTATED LENGTHWISE AND LONGITUDINALLY WITH RESPECT TO THE ROADWAY.

A 3M 290 SERIES PAVEMENT MARKER OR APPROVED EQUIVALENT SHALL BE PLACED AND CEMENTED WITH EPOXY IN THE CENTER OF THE 3/4" DEEP DEPRESSED AREA.

THE RECESSED AREA SHALL BE CLEANED FREE OF ALL LOOSE MATERIAL BY MEANS OF SAND BLASTING AND ALSO FREE OF MOISTURE BEFORE THE PLACEMENT OF THE PAVEMENT MARKER. ALL EXCESS MATERIAL RESULTING FROM THE CONSTRUCTION OF THE RECESSED AREA SHALL BE COMPLETELY REMOVED FROM THE SURFACE OF THE ROADWAY BY MEANS OF VACUUM SWEEPER TRUCK.

INSTALLATION NOTES:

1. SAWCUT (IN DIMENSION SHOWN).
2. SAWCUT AREAS TO BE DRY AND FREE OF MATERIAL THAT ADVERSELY AFFECTS THE ADHESIVE BOND.
3. INSTALL THE REFLECTOR WITH AN APPROVED TWO-COMPONENT EPOXY ADHESIVE, EPOXY SHOULD NOT OBSCURE OR BLOCK THE LENS.
4. INSTALL TOP OF REFLECTOR 1/2" TO 1/4" INCH BELOW THE PAVEMENT SURFACE.
5. REFLECTOR SHALL BE 3M SERIES.

GENERAL NOTES:

1. INSTALLATION SHALL CONFORM IN IDOT HIGHWAY STANDARDS 781001-02 (OR LATEST) FOR MARKER PLACEMENTS.
2. IDOT STANDARD 781001-02 SHALL BE MODIFIED TO REFLECT IN RECESSED PAVEMENT MARKERS INSTEAD OF RAISED PAVEMENT MARKERS.

McHenry County
Division of Transportation
PERMIT PROCEDURES DETAIL NO. PPD14
RECESSED REFLECTIVE PAVEMENT
MARKING APPLICATION

REV. 10/09/01 INT. RELEASE

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| DESIGNED - RJD | REVISIONS - |
| DRAWN - ARA | REVISIONS - |
| CHECKED - GAB | REVISIONS - |
| DATE - 5-28-09 | REVISIONS - |

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| CHECKED - GAB | REVISIONS - |
| DATE - 5-28-09 | REVISIONS - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
VIRGINIA ROAD

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--|----------------|---------|--------------|-----------|
| 0121 | 09-00362-00-PV | MCHENRY | 54 | 34 |
| CONTRACT NO. 63195 | | | | |
| FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: M-9003(255) | | | | |