

A M E N D E D

POLICY NO. 11

BOARD OF COUNTY ROAD COMMISSIONERS

OF THE

COUNTY OF ST. CLAIR

SUBJECT: Permit Requirements and Insurance - Open Cutting County Roads

AMENDED: April 17, 1990

Legal Citation:

Permits: M.C.L. 247.322 (Act 200 of 1967 as amended)
Fees & Insurance: Act 212, 1980 as amended

"Motion made by Commissioner Robinson, supported by Commissioner Wnuk to accept the recommended revisions to insurance requirements for obtaining Road Commission Permits and that these changes become requirements and be placed in the Road Commission Policy Book.

Motion carried 3-0."



Walter Street, Chairman



John D. Perry, Managing Director

Originally adopted: November 13, 1979

SPECIFICATIONS FOR OPEN CUTTING
COUNTY ROADS

In order to protect the public welfare and interest in the highways of St. Clair County, certain safeguard provisions must be instituted by the St. Clair County Road Commission with respect to utilities installed within county highway right-of-way. Such provisions are applicable in general to all such utility projects.

In so far as the responsibility of the St. Clair County Road Commission is concerned, these provisions shall include the following minimum requirements:

PERMITS

All work performed with the county highway right-of-way shall be in accordance with the requirements of the St. Clair County Road Commission as applicable and shall be performed under permits issued by the St. Clair County Road Commission to construct within the right-of-way. Administration and/or inspection fees shall be in accordance with the Road Commission schedule.

INSURANCE

Save harmless the Road Commission for any and all loss, damage or claim for damages, including costs and attorney fees arising from same, arising out of the construction, placement, operation, use and/or placed by the permittee within the right-of-way. Further, permittee shall furnish on a continuing basis, proof of insurance coverage or a protective liability policy naming the commission as insured for the term of the permit for \$1,000,000.00 personal injury and \$1,000,000.00 property damage for such liability exposure. It is agreed and understood by the permittee that the only liability assumed by the issuer of this permit shall be that liability arising out of its sole negligence.

The permittee shall also furnish proof of insurance coverage for worker's Compensation and Employer's Liability.

BONDS

To defray any costs incurred by the St. Clair County Road Commission under the conditions as set forth in the permit and application including costs incurred in restoring road surfaces, ditches and drainage structures and to safeguard traffic, the contractor is required to have bonds on file with the Road Commission.

Right-of-Way (oil lines, sewer lines, water lines)
\$10,000.00 (per mile)

Concrete or Asphalt Roads (per crossing)
\$ 3,000.00 Surety Bond
\$ 1,500.00 Cash Deposit or Letter of Credit

Gravel Roads (per crossing)
\$ 1,000.00 Surety Bond
\$ 1,000.00 Cash Deposit or Letter of Credit

The cash deposit or any balance thereof shall not be returned to the contractor for a period of two (2) years to insure necessary corrections as outlined under "PROTECTION AND RESTORATION OF PROPERTY" of these specifications.

INSPECTION

The St. Clair County Road Commission requires that full time inspection by a Road Commission employee be made during the placing of the granular backfill and placing of the permanent surface.

The contractor shall notify the Road Commission twenty-four (24) hours (working days) in advance of placing granular backfill and permanent surface.

All charges for these inspections shall be paid by the contractor.

Cash deposits for inspections other than a crossing will be based on the size of area to be replaced and determined at the time the application for permit is filed with the Road Commission.

Upon satisfactory completion of work, any balance of the cash deposit shall be returned to the contractor.

SAFETY PRECAUTIONS

Protection of the work, including property and persons within the county highway right-of-way, shall be in accordance with the current edition of the Michigan Manual of Uniform Traffic Control Devices unless specifically waived in writing by the St. Clair County Road Commission. This item includes but is not limited to the provision and responsibility for the barricades and lighting necessary to provide for public safety. When excavating within road right-of-way, the contractor shall notify Miss Dig in compliance with Michigan Statutes.

PROTECTION AND RESTORATION OF PROPERTY

The contractor shall be responsible, within the road right-of-way, for any and all conditions due to improper workmanship, material or any cause attributable to contractor operations as evidenced by

trench settlement, other conspicuous defects or damage to the roadway, or any causes which create the surface to vary from the tests required under sections "CONCRETE PAVEMENT" and "ASPHALT PAVEMENT" of these specifications for a period of two (2) years after date of completion and acceptance of the work by the St. Clair County Road Commission, unless such two (2) year period is specifically waived by the execution of a performance agreement by and between the contractor and the St. Clair County Road Commission in which case the terms of the agreement shall apply. Any trench settlement or other defects or damage resulting from the contractor's work within the roadway will be forthwith corrected by the contractor upon receipt of the complaint attesting thereto from the St. Clair County Road Commission. All corrections not made within ten (10) days of receipt of complaint shall be made by the Road Commission and all charges deducted from the contractor's cash deposit.

Transverse trenches within the outside edge of shoulder to outside edge of shoulder shall be backfilled with porous material approved by the St. Clair County Road Commission. Backfill compaction shall be a minimum of 95% maximum density based on Modified Proctor Method.

Backfill under all shoulders shall be brought to an elevation that will allow for the placement of a minimum of four inches (4") of Michigan Department of Transportation 23A aggregate thoroughly compacted with power equipment and stabilized with flake or liquid chloride in quantities designated by the St. Clair County Road Commission (usually 10# of flake or 20 gallons of 38% solution per ton of gravel).

Trenches parallel to the road, the inside edges of which fall between the outside shoulder point and fifteen feet (15') from the edge of hard surfacing in ditch sections may be backfilled with excavated material placed in layers not more than twelve inches (12") in depth, loose measure and compacted to 95% of maximum density. Backfilling of trench shall not fall more than two hundred feet (200') behind laying operation unless otherwise authorized by the St. Clair County Road Commission.

Construction trenches or other excavation which cross or parallel the public highway resulting in excavation or damage to the existing gravel road shall be backfilled with approved porous material as specified heretofore; however, the backfill shall be constructed to an elevation to allow the placing of six inches (6") of compacted 22A aggregate (St. Clair County Road Commission designation) thoroughly compacted with power equipment and maintained until all settlement has taken place. Said gravel shall be stabilized with calcium chloride flakes or liquid calcium chloride (38%) solution at the rate to two (2) gallons per ton of gravel.

CONCRETE PAVEMENT (Standard Plan #1)

Damaged area shall be removed by sawing deep enough to allow a straight cut parallel with longitudinal and transverse construction or contraction joints. The saw cuts shall be a minimum of three feet (3') on each side of the excavated area and shall not be nearer than five feet (5') to a transverse joint or to the center of the pavement or to the edge of surfacing; no replacement shall be less than eight feet (8') in width and if the damaged surfacing is nearer than five feet (5') to a joint or centerline of a pavement, the removal and replacement shall be extended to said joint or centerline.

After the sub-base has been compacted and approved, the surfacing shall be replaced with material conforming to the St. Clair County Road Commission specifications for fast set concrete. The finished pavement surface will be tested using a ten foot (10') straight edge at selected locations. The variation of the surface from the testing edge of the straight edge between any two (2) contacts with the surface shall at no point exceed one-half inch (1/2").

At no time shall the excavated area be left with an earth or aggregate surface but shall have a temporary surface such as asphalt premix or cold patch placed immediately. Permanent surface shall be placed within thirty (30) days of completion of sub-base, weather permitting. Permanent patches not placed within thirty (30) days may be placed by the Road Commission and all charges deducted from the contractor's cash deposit.

ASPHALT PAVEMENT (Standard Plan #2)

Existing asphalt pavement shall be removed by saw cutting a minimum of three feet (3') each side of the excavated area.

After approval of the sub-base, an aggregate base shall be placed consisting of six inches (6") of 22A aggregate material, thoroughly compacted with proper compaction equipment. When the aggregate base has been compacted, two inches (2") of Michigan Department of Transportation Bituminous Mixture No. 1100, 20A shall be placed. After final rolling, the surface will be tested using a ten foot (10') straight edge at selected locations.

The variation of the surface from the testing edge of the straight edge between any two contacts with the surface shall at no point exceed one-half inch (1/2").

At no time shall the excavating area be left with an earth or aggregate surface and a temporary surface such as asphalt premix or cold patch shall be placed immediately. Permanent surface shall be placed within thirty (30) days of completion of sub-base, weather permitting. Permanent patches not placed within thirty (30) days

may be placed by the Road Commission and all charges deducted from the contractor's cash deposit.

ASPHALT PAVEMENT (Standard Plan #1)

Asphalt pavement (full depth) shall be replaced in kind under the procedures as outlined under "CONCRETE PAVEMENT" of these specifications.

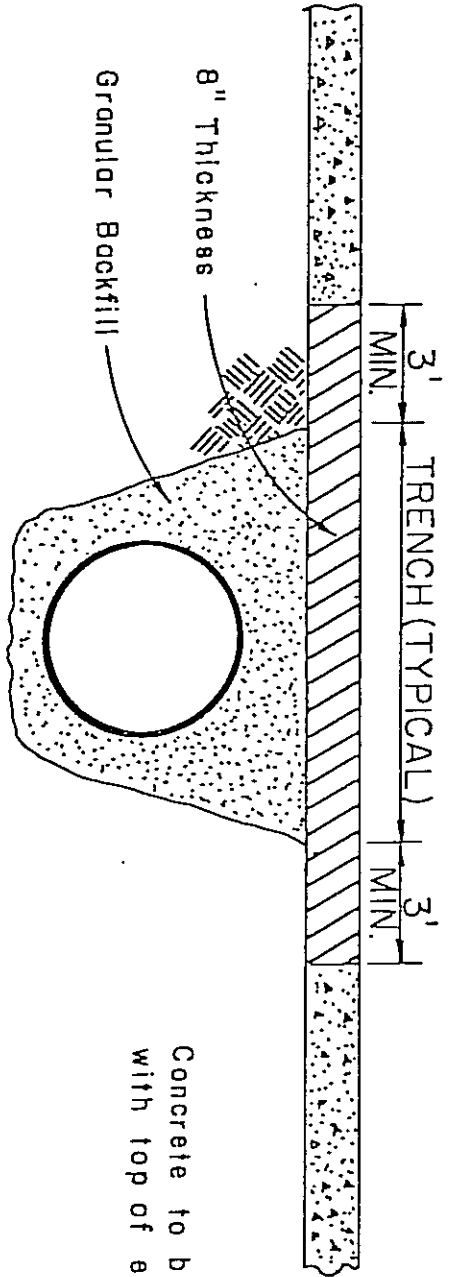
SURFACED TREATED PAVEMENT (Seal Coat)

Surfaced treated pavements are to be replaced the same as Asphalt Pavement (Aggregate Base) except where the area is of sufficient size that it can be replaced in kind.

TEMPORARY SURFACE (Pre-mix or Cold Patch)

Temporary surfaces shall be maintained at all times by the contractor. All corrections not made within twenty-four (24) hours of notification by the Road Commission will be made by the Road Commission and all charges will be deducted from the contractor's cash deposit.

Adopted at the meeting of the Board of County Road Commissioners of the County of St. Clair held on February 25, 1986.

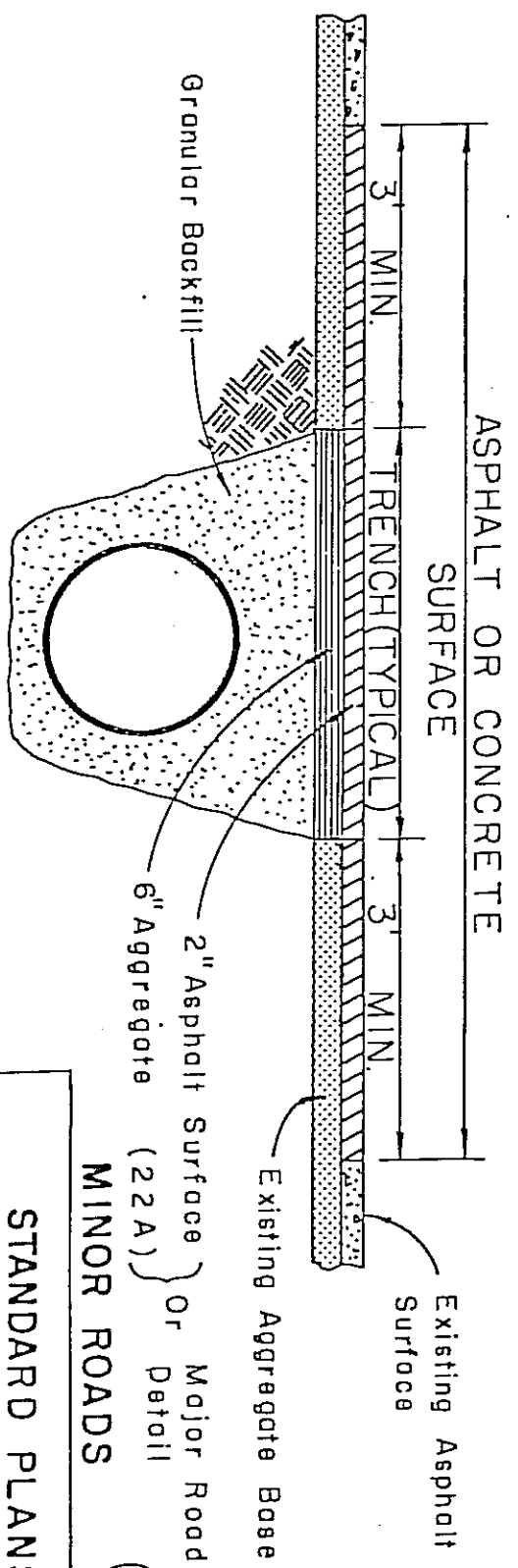


Concrete to be poured even with top of existing surface.

FULL DEPTH ASPHALT OR CONCRETE PAVEMENT

MAJOR ROADS

1



2" Asphalt Surface (22A) or 6" Aggregate } Major Road Detail
MINOR ROADS

2

STANDARD PLANS FOR

ASPHALT SURFACE AGGREGATE BASE

1/29/85

OPEN CUTTING COUNTY ROAD
ST. CLAIR COUNTY ROAD COMMISSION