

HOPEWELL TOWNSHIP
APPLICATION FOR STREET OPENING PERMIT No: _____

Applicant Name: _____
Applicant Address: _____
Phone No. _____ email _____ fax _____
Contact Name _____ Phone _____ emai _____
Purpose of Opening _____

Location of Opening: _____
(Attach Map or Sketch)

Total linear feet of street which opening is requested: _____

Date when opening is to be refilled and temporarily resurfaced (Temporary surface must be filled free Of depression): _____

Estimated date when final resurfacing is to be completed: _____

Public Liability and Property Damage Insurance to be set by Township:

Public Liability \$ _____

Property Damage \$ _____

Deposit or Bond required by the Township: _____

The person(s) or company requesting this permit agrees to perform all work in accordance with Ordinance No. 97-8, all Township regulations, State laws, Federal laws , instructions and directions of the Township Engineer and agrees to assume all liability in connection therewith.

Applicant Date

Certification

The holder of Permit No. _____ has faithfully complied with all the requirements in accordance with Ordinance No. 97-8, its supplements and amendments, in the performance of the work described in the application filed preliminary to the issuance of this permit, and that the street where such work was done has been properly repaired and is now opened to public travel.

Date _____ By: _____ Title _____

This Permit is void (30) thirty days after its issuance, unless otherwise extended.

THIS APPLICATION MUST BE RETURNED TO THE TOWNSHIP MANAGER TO OBTAIN ELIGIBLE REFUND HELD IN DEPOSIT

§ 133-5. Calculation of deposit

The Township, upon receipt of the properly completed application shall compute the amount of deposit or bond to be deposited by the applicant with the Township of Hopewell to reimburse said Township for any cost of work and materials furnished for the backfilling or refilling of the opening or excavation and the restoring of the surface or replacing the pavement over any such opening or excavation, together with any expenditure for labor, material and/or inspection subsequently necessitated in the maintenance, repairing or resurfacing of any such opening in the street for a period of one (1) year from date of completion so as to leave any such street in as good a condition as it was before such excavation or opening. The amount calculated for deposit or bond shall include the estimated cost of inspection and any other cost that may be directly charged to the opening or excavation of the street. The total amount calculated shall be increased by twenty-five percent (25%) to determine the amount of deposit or bond.

§ 133-6. Regulations

- A. The permittee shall take every necessary and reasonable precaution to keep the street in a safe and passable condition at all times by providing and maintaining any necessary guards, barricades, lights, signs, or other such devices in accordance with PennDOT Publication 203 - Work Zone Traffic Control, latest revision.
- B. No opening in any street shall extend beyond the center line of the street before being refilled and the surface of the street restored to a condition safe and convenient for travel by vehicles or pedestrians.
- C. No more than one hundred (100) feet measured longitudinally shall be opened in any street at any one (1) time.
- D. No tunnelling shall be allowed without express approval of the Township and permission therefor endorsed on the permit.
- E. Excavated or other material shall be placed or stored on the side of the operation farthest from the pavement, unless otherwise designated by the Township and in such

manner that there will be no interference with the flow of water and/or traffic.

- F. Where a pipe drain, pipe culvert or other structure or facility is encountered, it shall be replaced, restored, strengthened or protected by the permittee.
- G. All openings and excavations shall be backfilled promptly with suitable materials and thoroughly compacted in layers according to Township specifications and as the Township Engineer shall direct.
- H. Temporary surfacing, consisting of not less than two (2) inches of bituminous cold patch material, shall be installed in all excavations within the paved portion of any street as soon as possible following the completion of the backfilling procedure. In no case shall the placement of bituminous cold patch material be delayed more than one (1) business day following the completion of the backfilling procedure.

Temporary surfacing shall be maintained for a period of at least two (2) weeks free of depressions and mounds. After that length of time, and as soon as conditions permit, the temporary surfacing shall be removed and immediately replaced with the final surfacing. The final surfacing shall be completed in the presence of the Hopewell Township Engineer and in accordance with the applicable Standard Restoration Details or as otherwise directed by the Hopewell Township Engineer or other authorized agent of Hopewell Township.

- I. All restored surfaces must be at least twelve (12) inches wider on each side than the excavated trench and shall be restored in strict accordance with the applicable Standard Restoration Details and/or specifications and directions of the Township Engineer.
- J. In no case shall any opening or excavation made by a permittee be considered in the charge or care of the Township or of any officer or person employed by the Township and no officer or employee of the Township is authorized in any way to take or assume any responsibility over any such opening or excavation, except in the exercise of police power where and when it is necessary to protect life and property.
- K. The permittee shall provide and maintain all necessary shoring and/or bracing of openings so as to protect

persons, roadways, utilities, and adjacent land and buildings from damage resulting from shifting or subsidence of the adjacent land.

- L. No refilling of such excavation or opening shall be accomplished unless or until the Hopewell Township Engineer or other authorized agent of Hopewell Township shall be present.
- M. Hopewell Township shall provide notice to all persons owning property abutting on any street within Hopewell Township about to be paved or otherwise improved, and to all public utility companies and municipal authorities operating within Hopewell Township, and all such persons, public utility companies, and municipal authorities shall make all connections and any repairs thereto which would necessitate excavation of the street within thirty (30) days from the giving of such notice, unless such time is extended in writing by Hopewell Township. The repair and restoration of any street which has been paved or otherwise improved within five (5) years of opening or excavation shall be made in strict accordance with the applicable Standard Restoration Details and/or specifications and directions of the Hopewell Township Engineer.

§ 133-7. Return of deposit

After one (1) year, the permanent restoration of the opened or excavated street shall be inspected by the Township or other authorized employee of the Township who, if restoration shall be satisfactory and up to the Township specification, shall certify that such work is accepted by the Township. Upon certification of acceptance of the work, the permittee shall be refunded his deposit less all costs incurred by the Township.

§ 133-8. Inspections

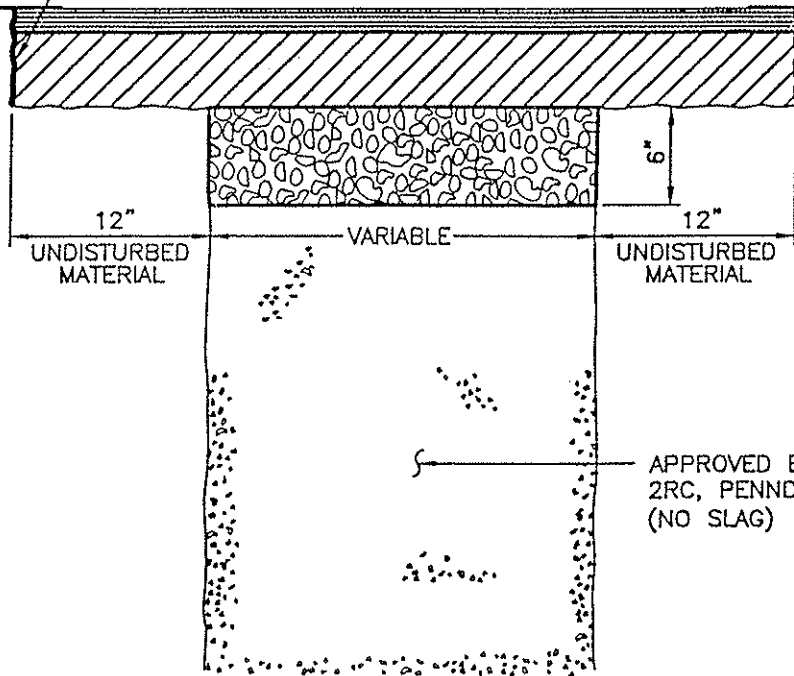
The Township Engineer or any other authorized employee of the Township shall have the right to observe and inspect all work done under a street opening permit and shall see that all terms and conditions of this Article are enforced and shall have the power and is hereby directed to prosecute every person violating any of the provisions contained herein. Such supervision and inspection shall

(APPLICABLE ONLY TO ROADS NOT RESURFACED
IN THE LAST FIVE (5) YEARS.)

SEAL WITH AC-20,
6" WIDTH ON ALL
SIDES.

SEAL JOINTS IN ACCORDANCE WITH PENNDOT
SECT. 401.3(j)3, 6" BOTH SIDES OF JOINT
WITH E-6 OR E-8 EMULSIFIED ASPHALT OR
HOT BITUMINOUS MATERIAL.

EXIST. BITUMINOUS
SURFACE




SAWCUT EDGES,
PAINT JOINT WITH THIN
COAT OF E-6 OR E-8
EMULSIFIED ASPHALT.


APPROVED EXCAVATED MATERIAL OR
2RC, PENNDOT SECT. 703.3 AS DIRECTED
(NO SLAG)

NOTE:

1. ALL BACKFILL SHALL BE COMPACTED IN 6" LAYERS,
MECHANICALLY TAMPED.
2. TEMPORARY BITUMINOUS COLD PATCH SHALL BE USED IN ALL
AREAS WHERE EXISTING FLEXIBLE-BASE PAVEMENT HAS BEEN
REMOVED.

 1 1/2" ID-2 BITUMINOUS WEARING COURSE,
PENNDOT SECT. 420

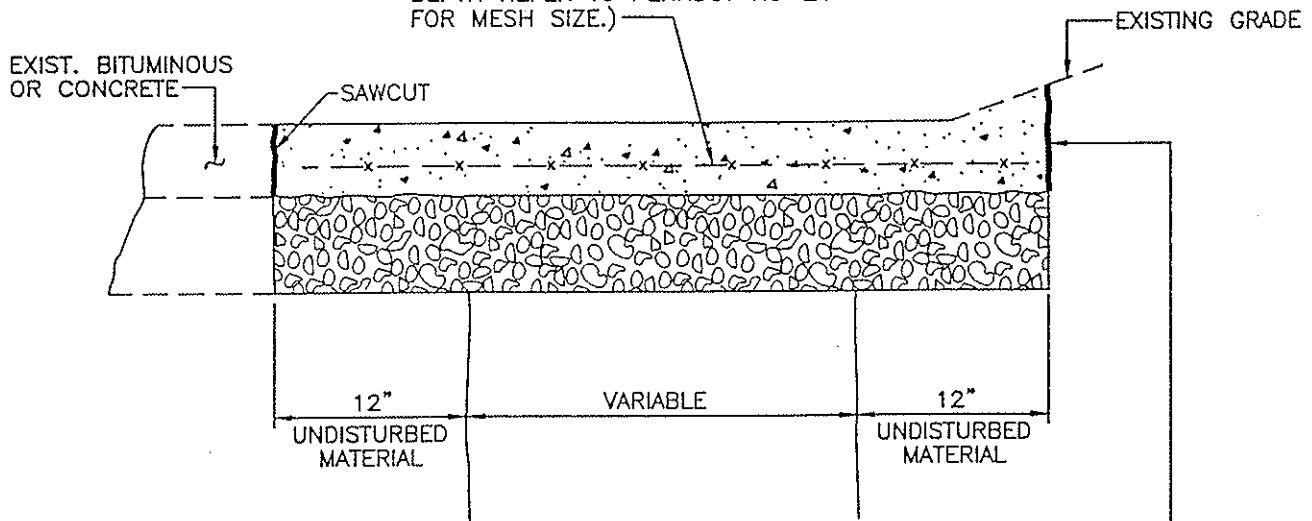
 5" BITUMINOUS CONCRETE BASE COURSE,
PENNDOT SECT. 305

 6" No. 2A SUBBASE,
PENNDOT SECT. 350

STANDARD TRENCH DETAIL
AND PAVEMENT REPLACEMENT FOR
BITUMINOUS PARKING AREAS, DRIVEWAYS,
BERMS, AND TOWNSHIP ROADS

NIRA Consulting Engineers, Inc.

6"x6" - W1.4 x W1.4 W.W.F.
 (IF EXIST. CONCRETE IS OVER 8" IN
 DEPTH REFER TO PENNDOT RC-21
 FOR MESH SIZE.)



SAWCUT AND FORM TO MATCH EXISTING CONCRETE
 SHOULDER OR DRIVEWAY. USE 1/2" PREMOLDED
 EXPANSION JOINT FILLER WHERE CONCRETE BUTTS TO
 CONCRETE. WHERE CONCRETE BUTTS TO ASPHALT,
 PAINT ASPHALT JOINT WITH A THIN COAT OF E-6
 OR E-8 EMULSIFIED ASPHALT.

NOTE:

TEMPORARY BITUMINOUS COLD PATCH SHALL BE USED IN ALL
 AREAS WHERE EXISTING RIGID-BASE PAVEMENT HAS BEEN
 REMOVED.



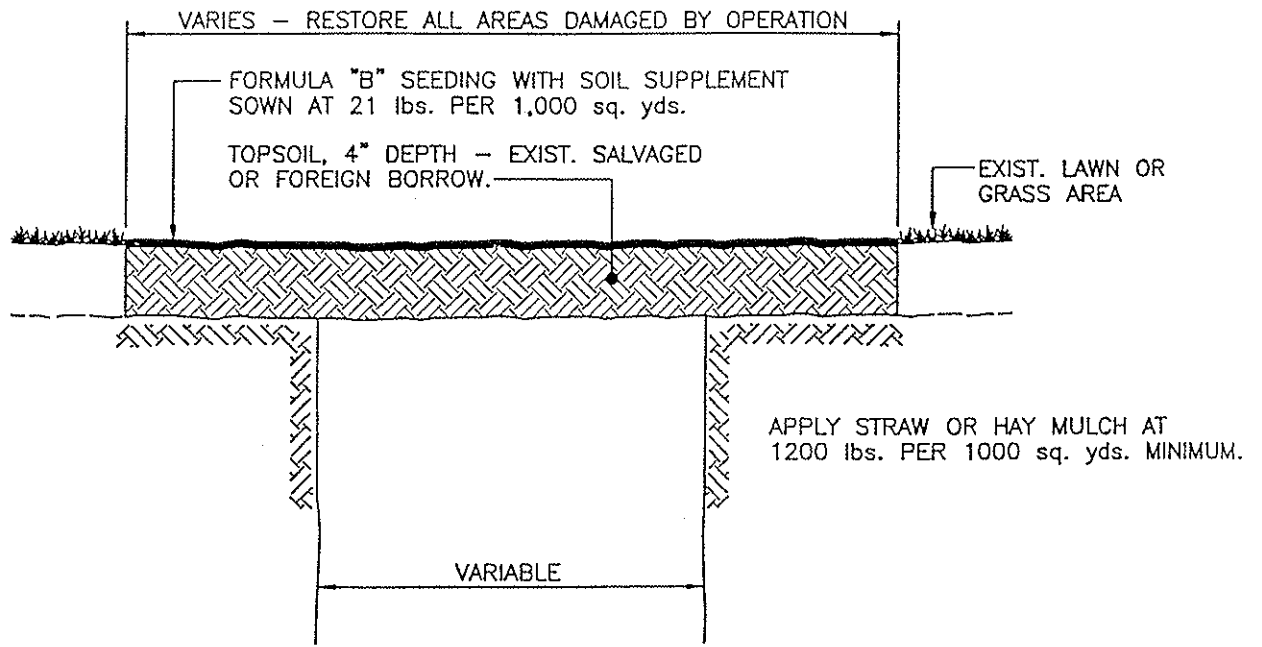
CLASS AA CEMENT CONCRETE,
 DEPTH TO MATCH EXISTING.



6" No. 2A COARSE AGGREGATE,
 PENNDOT SECT. 350

CONCRETE PAVEMENT,
 CONCRETE SHOULDER, AND
 DRIVEWAY RESTORATION DETAIL

NIRA Consulting Engineers, Inc.

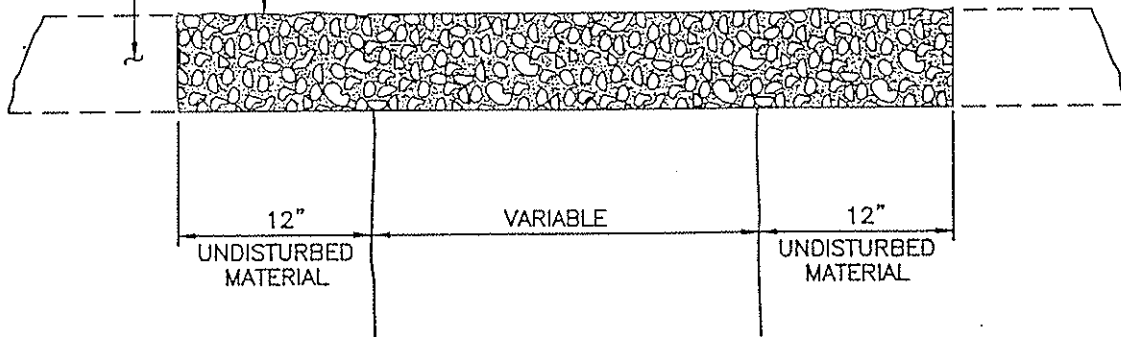


LAWN AND GRASS AREA
RESTORATION DETAIL

NIRA Consulting Engineers, Inc.

EXISTING
SLAG DRIVEWAY

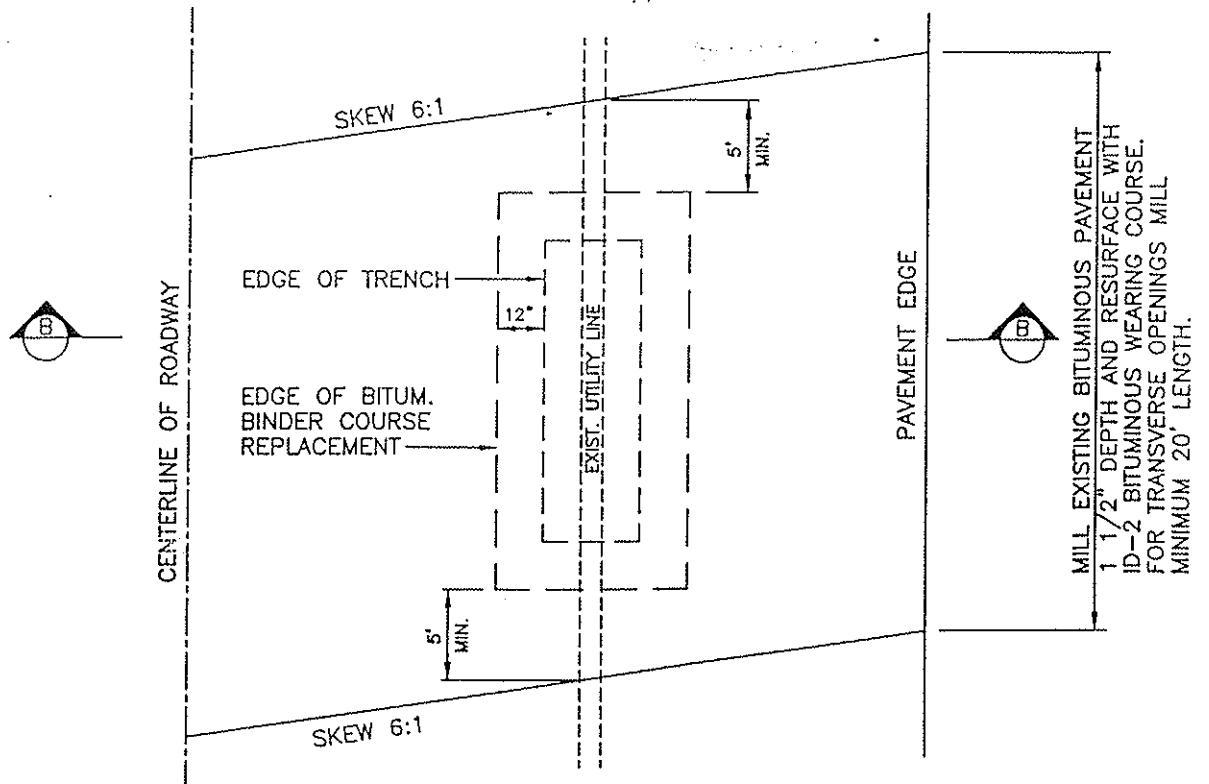
TYPE 'A' No. 57 COARSE AGGREGATE
PENNDOT SECT. 703.2 (NO SLAG)
OR LIMESTONE CHIPS TO MATCH EXIST.,
CHOKE AND ROLL, 4" MIN. DEPTH.



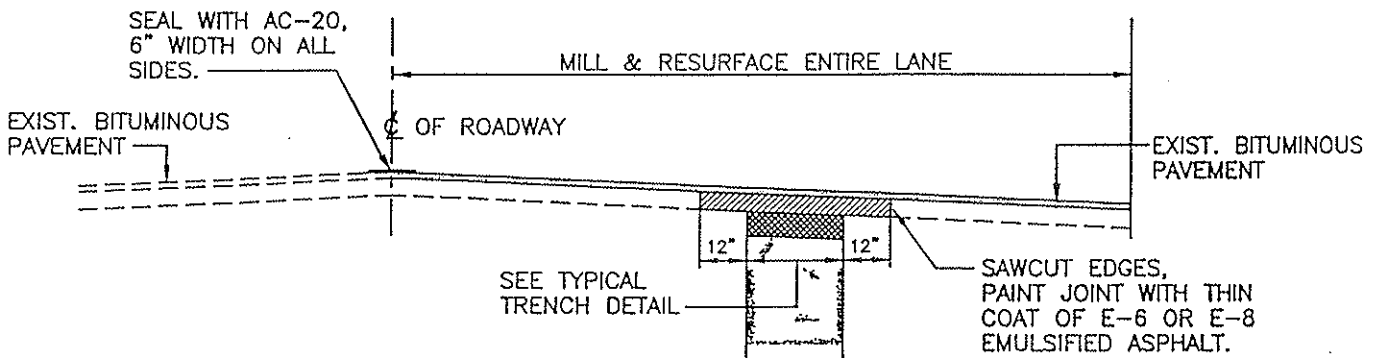
SLAG DRIVEWAY
RESTORATION DETAIL

NIRA Consulting Engineers, Inc.

(APPLICABLE ONLY TO ROADS RESURFACED IN THE LAST FIVE (5) YEARS.)



PLAN - PAVEMENT RESTORATION DETAIL 'B'





SECTION B-B

NOTE:

1. 2" MINIMUM BITUMINOUS COLD PATCH (TEMPORARY SURFACE) REQUIRED IN TRENCH AREA PRIOR TO FINAL SURFACING.
2. IF UTILITY OPENING EXTENDS INTO OR INVOLVES BOTH LANES THE ENTIRE CARTWAY SHALL BE MILLED AND RESURFACED.
3. THE MINIMUM LENGTH OF THE MILLED AND RESURFACED AREA SHALL BE 20 FEET.

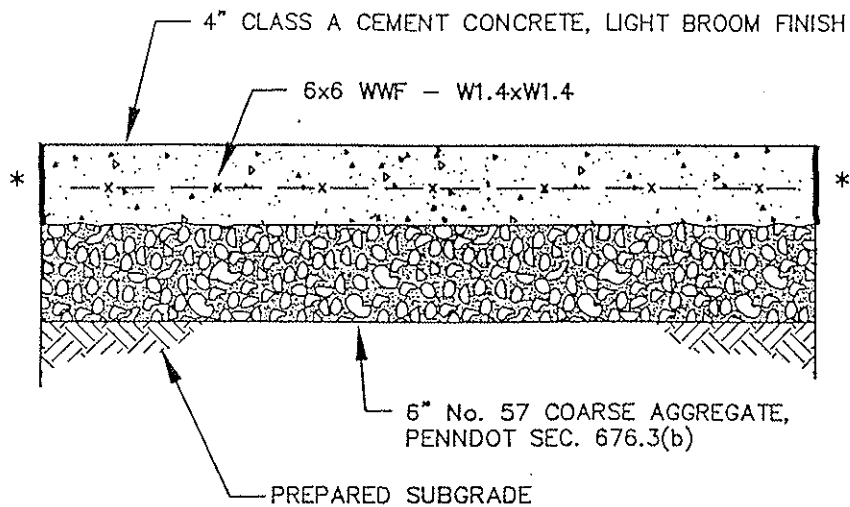
 1 1/2" ID-2 BITUMINOUS WEARING COURSE, PENNDOT SECT. 420

 5" BITUMINOUS CONCRETE BASE COURSE, PENNDOT SECT. 305

 6" No. 2A SUBBASE, PENNDOT SECT. 350

STANDARD BITUMINOUS
PAVEMENT REPLACEMENT DETAIL

NIRA Consulting Engineers, Inc.



NOTES:

1. FORM OUTSIDE EDGES AND JOINTS WITH 1/4" RADIUS EDGING TOOL.
2. FORM TRANSVERSE DUMMY JOINTS @ 5 FOOT INTERVALS, APPROX. 1/8" WIDE AND AT LEAST 1 INCH DEEP.
- *3. WHEN BUTTING INTO EXISTING BITUMINOUS, SAWCUT BITUMINOUS AND PAINT BITUMINOUS WITH A THIN COAT OF E-6 OR E-8 EMULSIFIED ASPHALT.
- *4. WHEN BUTTING INTO EXISTING CONCRETE, SAWCUT CONCRETE AND USE 1/2" PREMOLDED EXPANSION FILLER FULL DEPTH OF SIDEWALK.

TYPICAL CONCRETE SIDEWALK
REPLACEMENT DETAIL

NIRA Consulting Engineers, Inc.