

SARPY COUNTY
SURVEYOR - ENGINEER

PERMIT TO OCCUPY OR USE
COUNTY ROAD RIGHT - OF - WAY
FOR MISCELLANEOUS PURPOSES

DATE: _____

Application is hereby made to the Sarpy County Surveyor - Engineer by:

NAME & ADDRESS ZIP

PHONE

CONTRACTOR

OWN FORCES, FOREMAN

DESCRIBE TYPE OF WORK APPLICANT WISHES TO PERFORM

DESCRIPTION ON COUNTY RIGHT -OF - WAY

All detailed information such as locations, elevations, cuts, fills, distances and dimensions shall be shown on applicant's plan and specifications as submitted to Sarpy County.

SARPY COUNTY
GENERAL RULES & REGULATIONS

Forty - eight (48) hours notification is required prior to any work within Sarpy County right - of - way. (Telephone 339-4606) The construction will comply with the State of Nebraska Department of Roads Standard Specifications for Highway Construction.

No open cuts of hard - surfaced roads will be allowed except by express written permission from the Sarpy County Engineer. If an open cut has been allowed, on concrete roadways, the applicant is to replace panel(s) as per attached standard drawings. If an open cut has been allowed on asphalt roadways, the applicant shall make an opening 1'-0" larger on all sides. Depth of replacement surfacing shall be 2" greater than the existing surface thickness. It is the responsibility of the applicate to whom the permit was issued to replace the surfacing material. Surfacing material will be as follows: Concrete shall be 47B Standard Mix, Ashpalt shall be 5/8" Omaha Standard Mix.

Backfill of open trenches shall be placed in layers not exceeding eight (8) inches uncompacted thickness and each layer mechanically compacted at optimum moisture content (18%) to a density at least 95% or equal to that of the existing undisturbed ground which will prevent excessive settlement or shrinkage. Compaction tests shall be required with tests results given to Sarpy County for their records. Photo's shall also be submitted showing before, during and after construction.

No backfilling shall take place in freezing weather except with the permission of the Sarpy County Surveyor - Engineer; and, no backfill shall be made with frozen materials.

All disturbed areas shall be left in a condition as near to original as possible (grading, rock replacement, seeding or sod). All Applicants shall be required to maintain said area for a 6 month period following the completion of work. At any time within the 6 month time period the contractor will be notified by the Sarpy County Highway Department if any re-compaction in the construction area or road material (i.e. rock , gravel, etc.) is to be repaired or replaced.

SARPY COUNTY
GENERAL RULES & REGULATIONS

Installation of lines under the traveled portion of existing hard - surfaced highways must be accomplished by jacking, tunneling or dry boring from the toe of the fill slope to the toe of the opposite fill slope as per attached drawings. The diameter of the hole shall not exceed the diameter of casing or pipe by more than 1 ½ inches on pipes with an inside diameter of 12 inches or less, or 2 inches on pipes with an inside diameter greater than 12 inches. Voids outside pipe or casings which exceed these limitations shall be pressure grouted. This shall include all abandoned or misaligned holes. Any deviations from a dry - boring method must be approved by the appropriate governmental subdivision.

Trenching across gravel roads will not be permitted without the approval of Surveyor - Engineer and only provided it is accomplished in increments of one - half of the roadway at a time. At least one - half of the traveled way of the highway shall be kept open and free of obstructions at all times.

The applicant is responsible for all barricading. The barricades shall conform to the barricading standards, specifications, methods and materials as per Part IV of the Manual on Uniform Traffic Control Devices.

Horizontal Clearance for Ground - Mounted Facilities:

Rural Areas - Poles, anchors, hydrants or any other above ground facility shall be located as close to the right - of - way line as possible.

All rigid poles shall be located at least 15 feet from the edge of the traveled way. Hydrants shall have a minimum offset of six (6) feet.

Urban Areas - Cities, towns and urban areas where curb sections exist, hydrants and rigid poles may be located back of sidewalk or a minimum of six (6) feet.

Manholes - All manholes shall be placed outside of the traveled way where possible. Manholes placed outside of the traveled way shall not protrude above the surrounding ground.



ROAD CLOSINGS - The closing of a road will not be permitted without approval of the Sarpy County Surveyor - Engineer.

Any exceptions to above criteria must be reviewed and approved by the Sarpy County Surveyor - Engineer.

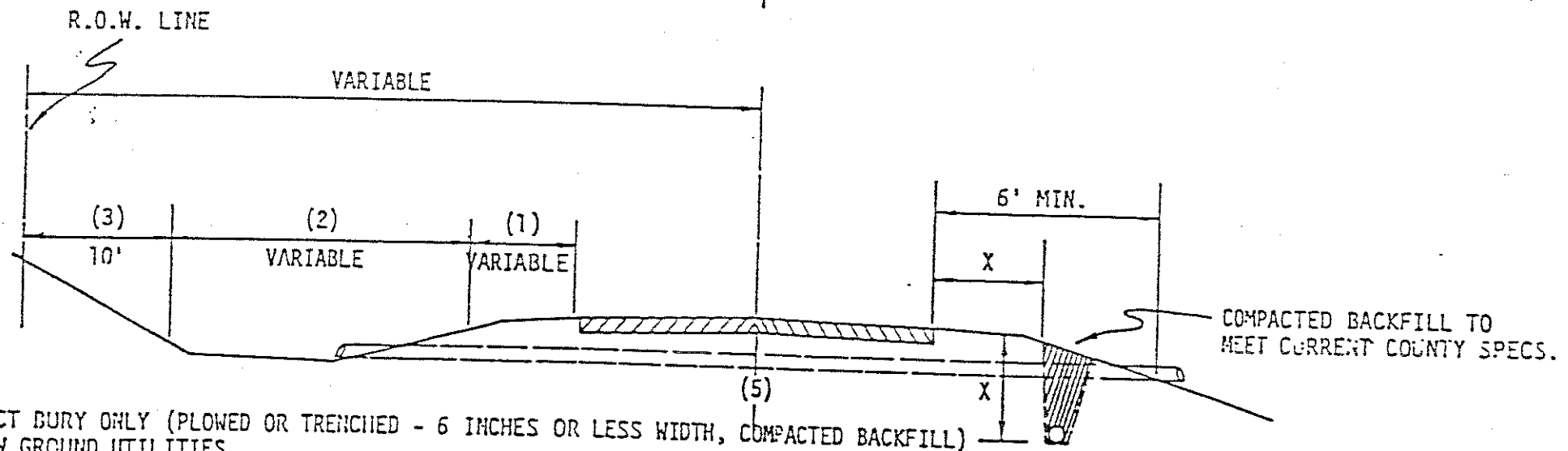
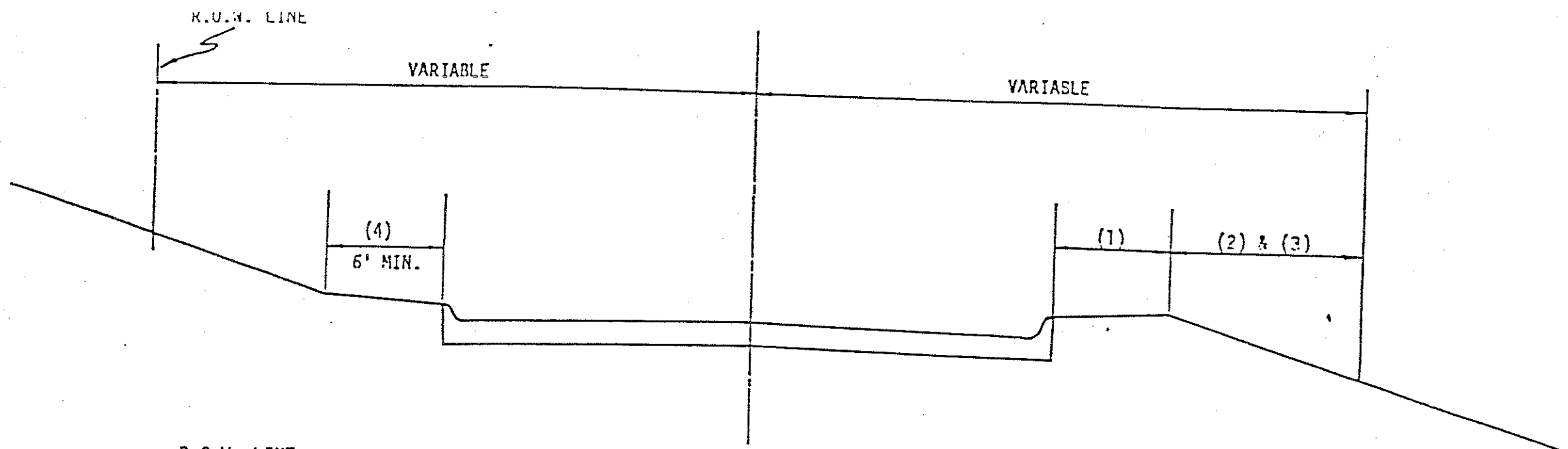
I (We) agree to perform the work in accordance with the permit and attached drawings and to maintain area of construction for a period of 6 Months as set forth in the above permit. This permit may be canceled at any time by the applicant prior to construction of the work. Notify Sarpy County 48 hrs. Prior to any work within the Sarpy County Right - of - way.

_____	_____
Start Date (Approx.)	NAME
_____	_____
Working Days	TITLE

The above permit is hereby approved - subject to general rules and regulations of Sarpy County's Policy for Accommodating Utility Companies, Contractors, Plumbers, Tree Trimmers and any other person, firm, corporation or any agency on Sarpy County Highway right - of - way; also subject to such regulations as the Sarpy County Surveyor Engineer may deem necessary. A copy of this permit will be made available to the Contractor for the job site.

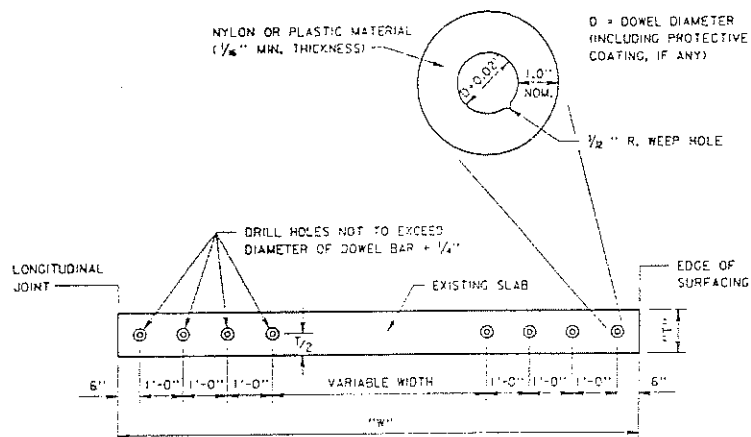
	_____
COUNTY ENGINEER	DATE
	_____
ENGINEERING MANAGER	DATE

15100 South 84th Street, R.R. 21
Papillion, NE 68046 Phone: 339-4606

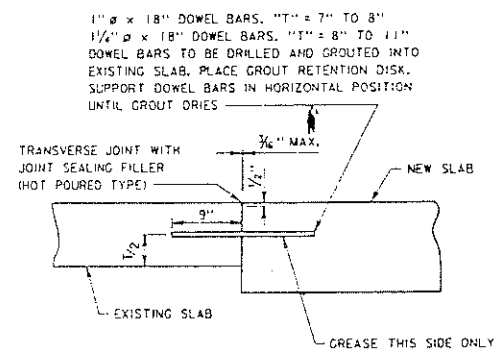


- (1) DIRECT BURY ONLY (PLOWED OR TRENCHED - 6 INCHES OR LESS WIDTH, COMPACTED BACKFILL)
- (2) BELOW GROUND UTILITIES.
- (3) ABOVE GROUND UTILITIES (BELOW GROUND UTILITIES IF CONDITIONS WARRANT).
- (4) POLES AND HYDRANTS SHALL BE PLACED BACK OF SIDEWALK OR 6 FEET FROM BACK OF CURB, WHICHEVER IS FURTHER.
- (5) JACK, TUNNEL OR BORE FROM TOE OF SLOPE TO TOE OF SLOPE (MINIMUM - 6 FOOT BACK OF SLAB).

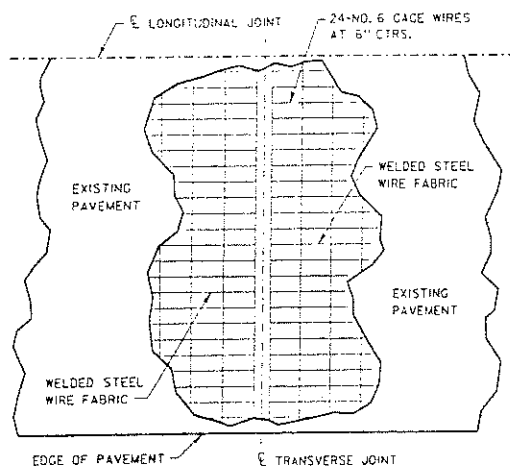
SARPY COUNTY SURVEYOR-ENGINEER	RONALD
POLICY FOR ACCOMMODATING ON COUNTY ROW	



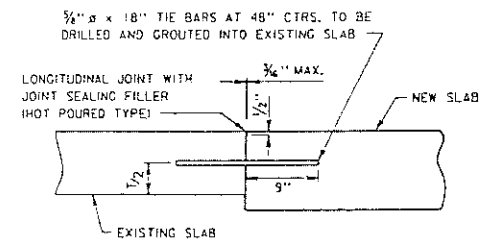
GROUT RETENTION DISK



DETAILS OF DOWEL BAR



DETAIL OF EXISTING WIRE MESH REINFORCED CONCRETE PAVEMENT



TIE BARS ARE TO BE INSTALLED WHERE NEW CONCRETE PAVEMENT IS PLACED ADJACENT TO EXISTING CONCRETE PAVEMENT

DETAILS OF TIE BAR

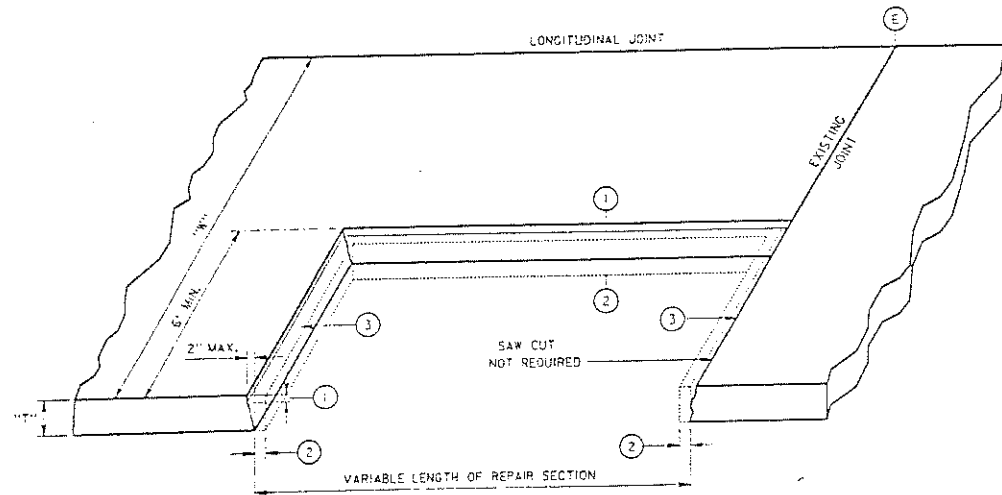
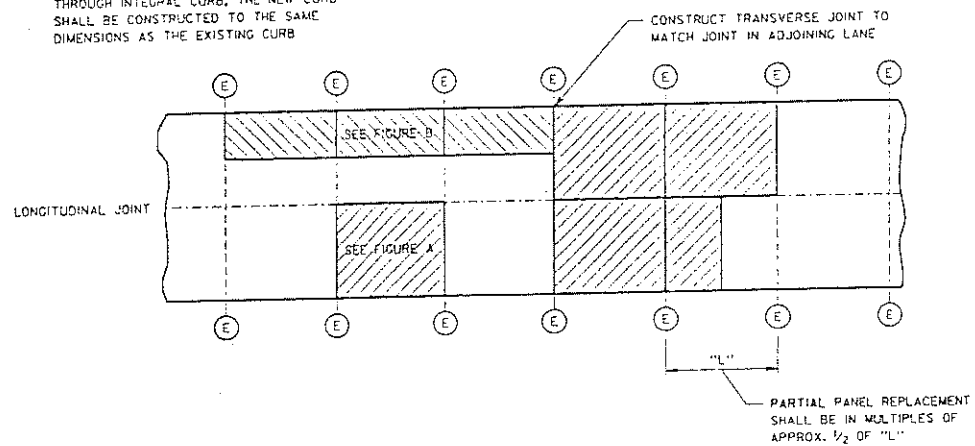


FIGURE B

NOTE:
IF PAVEMENT PATCHING SHOULD EXTEND THROUGH INTEGRAL CURB, THE NEW CURB SHALL BE CONSTRUCTED TO THE SAME DIMENSIONS AS THE EXISTING CURB



NON-REINFORCED CONCRETE PAVEMENT REPAIR

OPTION 1

- ① 2" DIAMOND SAW CUT
- ② APPROX. 4" WHEEL CUTTER SAW CUT 2" OR LESS INBOARD FROM DIAMOND SAW CUT ON EACH SIDE OF SECTION TO BE REMOVED. (MAY NOT BE REQUIRED AT EXISTING JOINT)
- ③ DOWEL BARS NOT REQUIRED

OPTION 2

- ① FULL DEPTH DIAMOND SAW CUT
- ② NOT APPLICABLE
- ③ INSTALL DOWEL BARS AT TRANSVERSE JOINTS IF FULL DEPTH DIAMOND SAW CUT USED

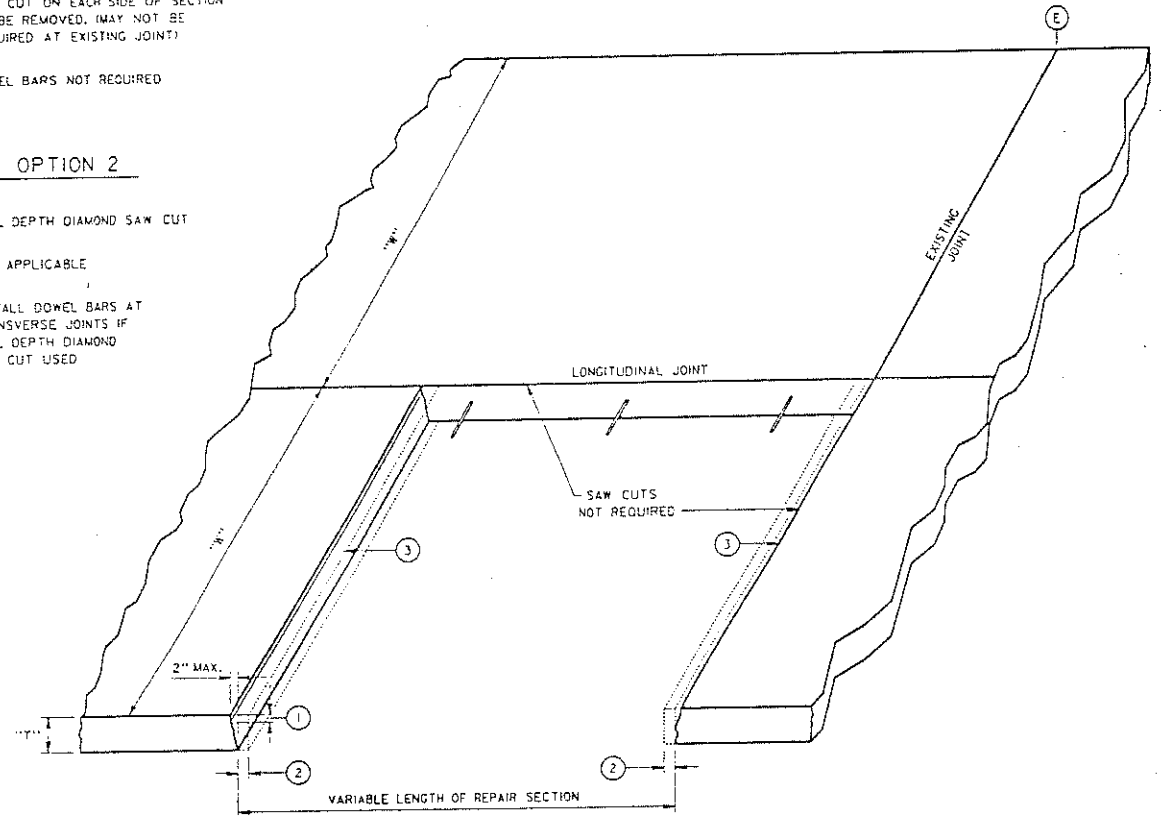


FIGURE A

LEGEND

- "W" WIDTH OF PANEL
- "L" LENGTH OF PANEL
- "T" THICKNESS OF CONCRETE
- (E) EXISTING TRANSVERSE JOINT
- [Hatched pattern] CONCRETE REMOVAL (PARTIAL LANE WIDTH)
- [Diagonal hatched pattern] CONCRETE REMOVAL (FULL LANE WIDTH)

NOTE:
FOR PAVEMENT REPAIR LOCATIONS, SEE SHEET 2-5

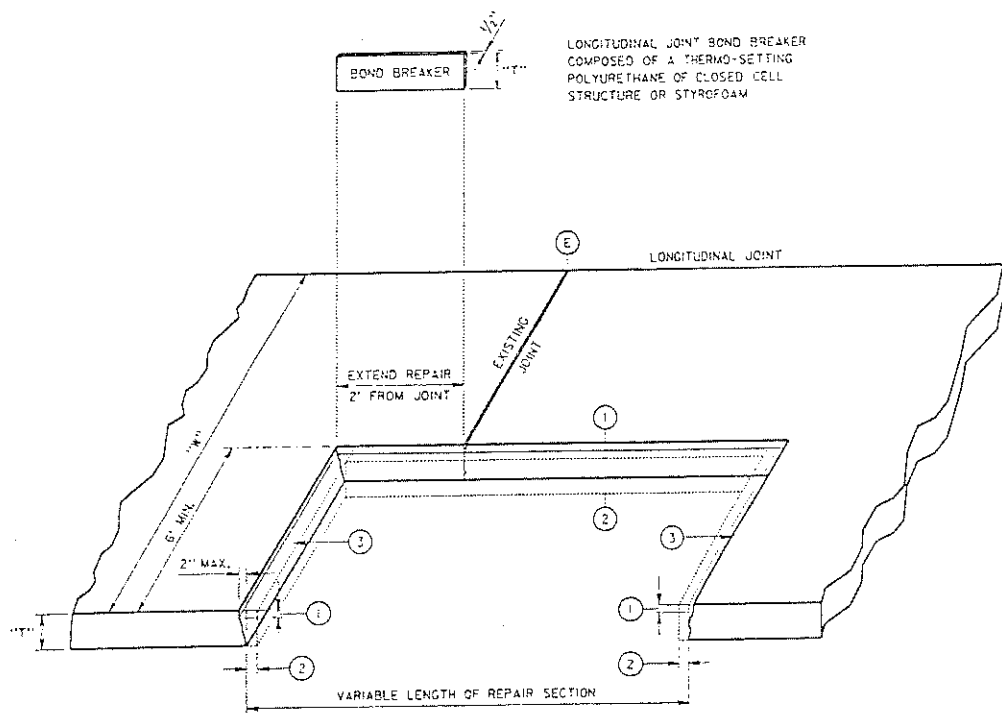
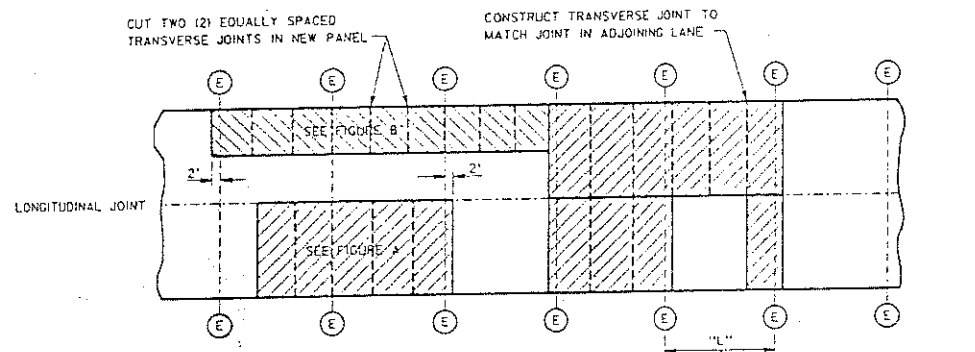


FIGURE B



NOTE:
IF PAVEMENT PATCHING SHOULD EXTEND THROUGH INTEGRAL CURB, THE NEW CURB SHALL BE CONSTRUCTED TO THE SAME DIMENSIONS AS THE EXISTING CURB

PARTIAL PANEL REPLACEMENT SHALL BE IN MULTIPLES OF APPROX. 1/3 OF "L"

REINFORCED CONCRETE PAVEMENT REPAIR

OPTION 1

- ① 2" DIAMOND SAW CUT
- ② APPROX. 4" WHEEL CUTTER SAW CUT 2" OR LESS INBOARD FROM DIAMOND SAW CUT ON EACH SIDE OF SECTION TO BE REMOVED
- ③ DOWEL BARS NOT REQUIRED

OPTION 2

- ① FULL DEPTH DIAMOND SAW CUT
- ② NOT APPLICABLE
- ③ INSTALL DOWEL BARS AT BOTH TRANSVERSE JOINTS

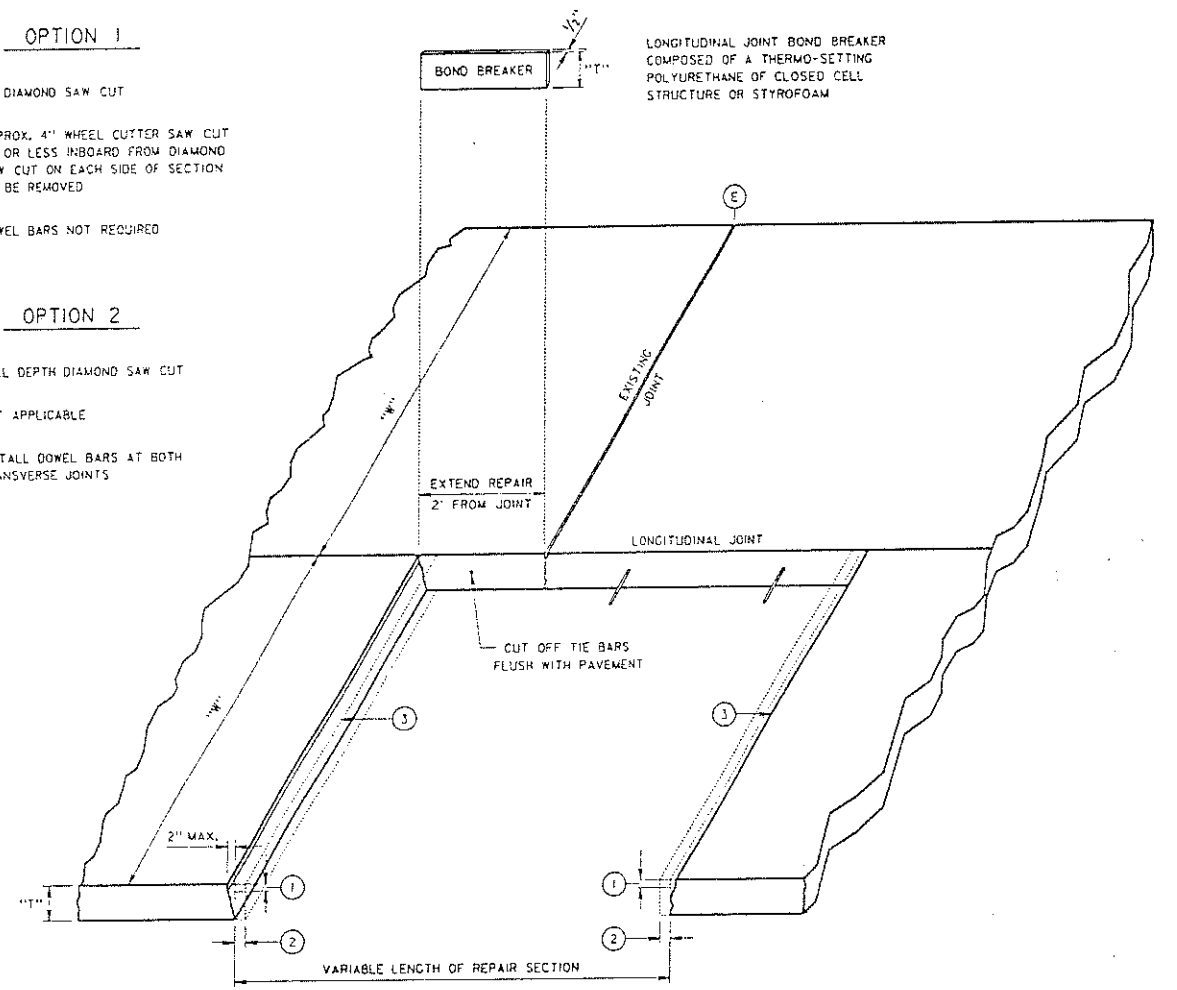
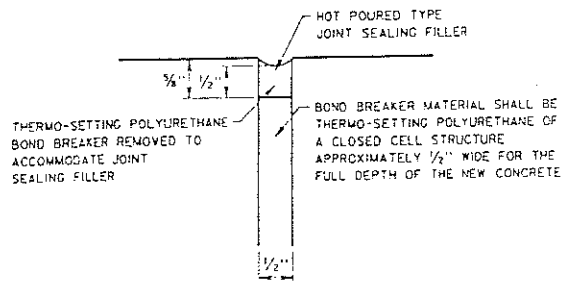


FIGURE A

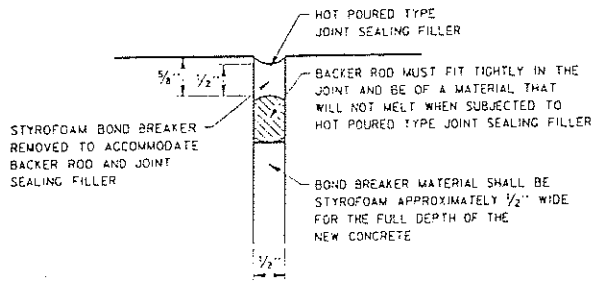
LEGEND

- "W" WIDTH OF PANEL
- "L" LENGTH OF PANEL
- "T" THICKNESS OF CONCRETE
- E EXISTING TRANSVERSE JOINT
- [Hatched Box] CONCRETE REMOVAL (PARTIAL LANE WIDTH)
- [Hatched Box] CONCRETE REMOVAL (FULL LANE WIDTH)

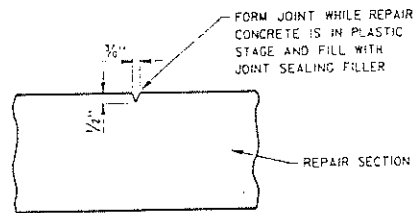
NOTE:
FOR PAVEMENT REPAIR LOCATIONS, SEE SHEET 2-5



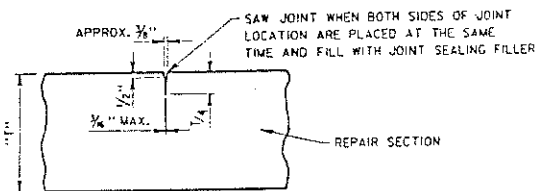
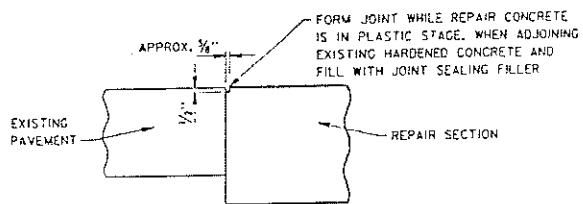
DETAIL OF THERMO-SETTING POLYURETHANE BOND BREAKER AT LONGITUDINAL JOINT



DETAIL OF STYROFOAM BOND BREAKER AND BACKER ROD AT LONGITUDINAL JOINT



DETAIL OF TOOLED LONGITUDINAL JOINT



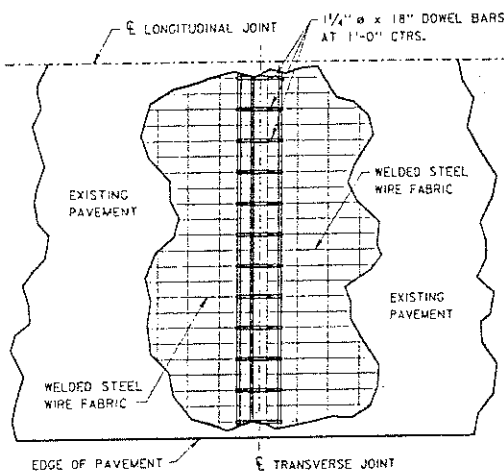
DETAILS OF TRANSVERSE JOINTS

OPTION 1

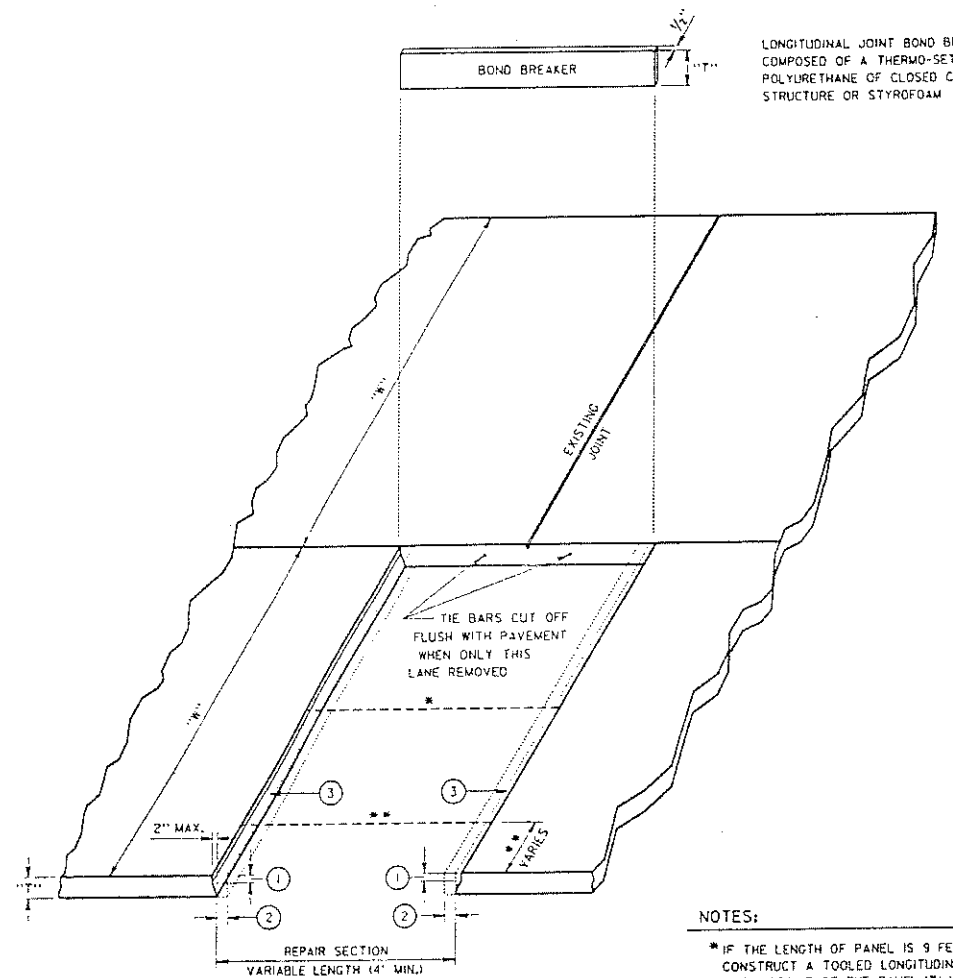
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- ② APPROX. 4" WHEEL CUTTER SAW CUT 2" OR LESS INBOARD FROM DIAMOND SAW CUT ON EACH SIDE OF SECTION TO BE REMOVED
- ③ DOWEL BARS NOT REQUIRED

OPTION 2

- ① FULL DEPTH DIAMOND SAW CUT
- ② NOT APPLICABLE
- ③ INSTALL DOWEL BARS AT BOTH TRANSVERSE JOINTS



DETAIL OF EXISTING REINFORCED CONCRETE PAVEMENT



CONCRETE PAVEMENT JOINT REPAIR
JOINT REPAIR MAY BE EITHER HALF OR FULL HIGHWAY WIDTH

LONGITUDINAL JOINT BOND BREAKER COMPOSED OF A THERMO-SETTING POLYURETHANE OF CLOSED CELL STRUCTURE OR STYROFOAM

NOTES:

* IF THE LENGTH OF PANEL IS 9 FEET OR LESS, CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE PANEL (W/2).

OR

** IF THE WIDTH OF PANEL ("W") WAS PREVIOUSLY WIDENED, CONSTRUCT A TOOLED LONGITUDINAL JOINT TO MATCH THE LONGITUDINAL JOINTS OF THE ADJOINING PANELS.

IF THE PAVEMENT PATCHING SHOULD EXTEND THROUGH INTEGRAL CURB, THE NEW CURB SHALL BE CONSTRUCTED TO THE SAME DIMENSIONS AS THE EXISTING CURB.

LEGEND

- "W" WIDTH OF PANEL
- "L" LENGTH OF PANEL
- "T" THICKNESS OF CONCRETE

NOTE:
FOR JOINT REPAIR LOCATIONS, SEE SHEET 2-5