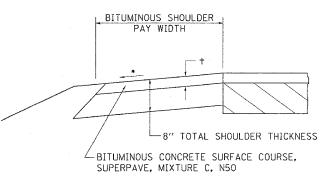
BITUMINOUS SHOULDER



t = SEE TYPICAL SECTIONS FOR THICKNESS

DATE NAME SCALE ENCE

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

GENERAL NOTES

THE BITUMINOUS SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, AND SQUARE YARD FOR BITUMINOUS SHOULDERS SUPERPAVE OF THE THICKNESS SPECIFIED.

USE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, WHEN RESURFACING EXISTING BITUMINOUS SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C. N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE BITUMINOUS SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

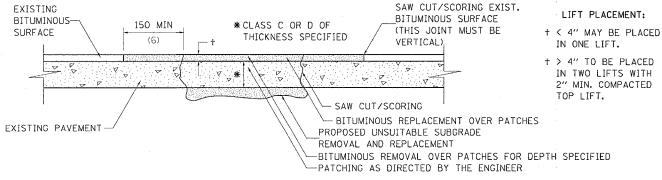
BITUMINOUS SHOULDER

23.4a

REVISED 5-30-03

PAVEMENT PATCHING FOR **BITUMINOUS SURFACED PAVEMENT**

CONTRACT NO. 64A10 SECTION COUNTY TOTAL SHEET NO. 595 (2R) M&TS HENRY STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



SEQUENCE OF CONSTRUCTION:

- 1. REMOVE THE EXISTING BITUMINOUS SURFACE.
- 2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE BITUMINOUS SURFACE.
- 3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
- 4. REPLACE BITUMINOUS SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF BITUMINOUS SURFACE REMOVAL.

GENERAL NOTES:

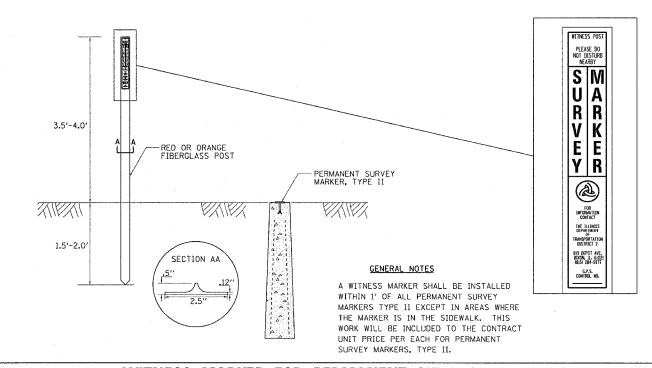
- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
- 2. FOR BASIS OF PAYMENT: SEE SPECIAL PROVISION "PATCHING WITH BITUMINOUS OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT 32.4

REVISED 6-21-0

WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II



SHALL BE USED TROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. LIGHT WEIGHT MANHOLE CASTING \$9 (3 ½) TOTAL WEIGHT 73 KG. (160 LBS.)

150 (6) CLASS SI CONCRETE INLET SPECIAL NO. 5 SLAB NO. 15(NO. 5) REINFORCEMENT BARS IN TOP ONLY AT 200(8) CTS. SLOPE TOP SLAB TO MATCH

1.8m (6'-0") TOP OF CURB 25 (1) PREFORMED EXPANSION JOINT FILLER 113(4 1/2) OPENING * --- 32 (1 1/4) DOWELL BAR 40 (1_1/2)CL STEPS AT 300 (12) TO 400 (16) CTS. - 1.8m (6'-0'') FLOW OF GUTTER * THE WALL ADJUSTMENTS SHALL BE —150 (6) MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS. 150(6) CLASS SI CONCRETE FLOOR ∠SAND CUSHION ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) -NO. 15(NO. 4) BARS UNLESS OTHERWISE NOTED. AT 300 (12) CTS FRONT VIEW NOTES STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.) SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN THE INLET SHALL BE CAST IN PLACE OR SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE

EXCEPT AS NOTED HEREON INLET SPECIAL NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CLEEN STORE (F. 1957) CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

CURB & GUTTER COAB & GUITER
150 (6)
POUR ADJUSTMENT 113 (4 1/2) OPENING -WITH GUTTER -FACE OF INLET - OPTIONAL CONSTRUCTION JOINT SEC. A-A-BACK OF CURB - GUTTEF EDGE OF-TOP VIEW (** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

150 (6) CLASS SI CONCRETE SLAB NO. 15 (NO. 5) REINFORCEMENT BARS IN TOP ONLY

SEE SHEET 79.4d

INLET SPECIAL NO. 5

79.4b

WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II