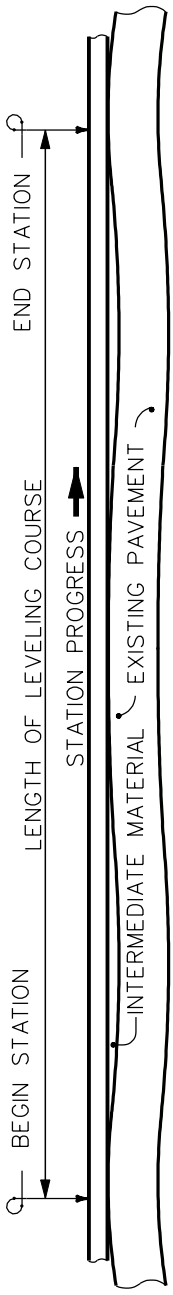
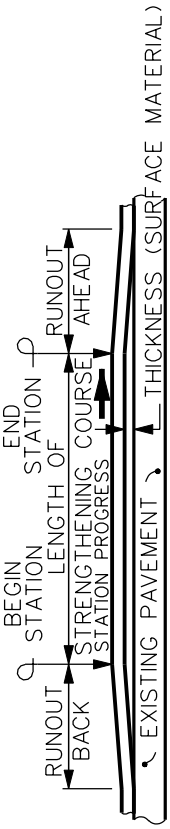
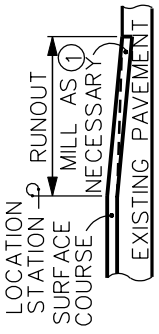


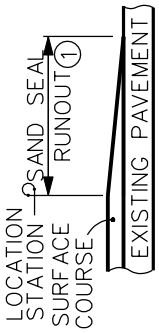
TYPICAL LEVELING COURSE



TYPICAL STRENGTHENING COURSE



SURFACE NOTCH RUNOUT

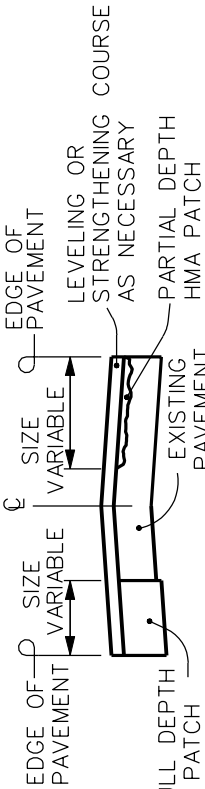


SURFACE RUNOUT (WHEN MILLING IS NOT POSSIBLE)

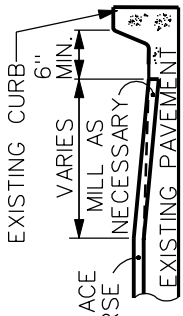
NORMAL FILLET SIZES	
TYPE OF ACCESS	Ⓕ MIN. - FT
RESIDENTIAL ENTRANCE	12
FARM ENTRANCE	18
COMMERCIAL ENTRANCE	24
NON-PAVED ROAD	30
PAVED ROAD	VARIABLE *

* SEE LAYOUT DRAWING FOR DETAILS OF CONSTRUCTION OF SPECIAL AREAS.

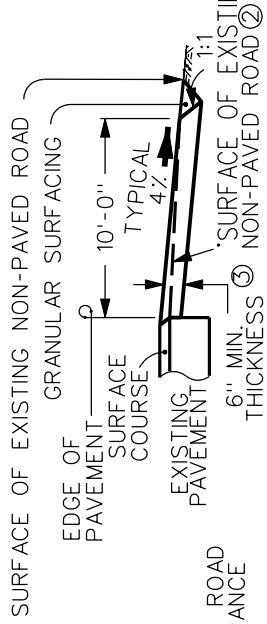
SEE SHEET 2 FOR GENERAL NOTES.



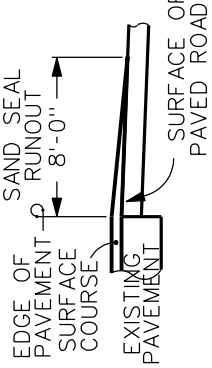
TYPICAL SECTION
FULL DEPTH AND PARTIAL DEPTH PATCHES



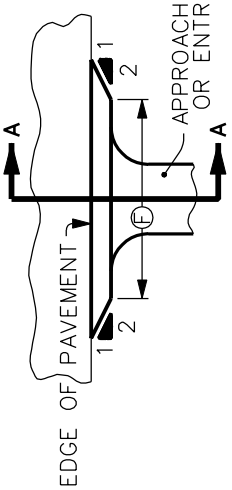
GUTTER LINE EDGE NOTCH



(FULL THICKNESS FILLET)
SECTION A-A



(WEDGE SHAPED FILLET)
SECTION A-A



TYPICAL PLAN FOR FILLET AT
ENTRANCE OR INTERSECTING ROAD

REV.	DATE	BY
2	10/19/04	

DATE: 01-01-98

DETAILS FOR HMA RESURFACING
(SINGLE COURSE)

FIGURE: 7020.5A

SHEET 1 OF 2

GENERAL NOTES:

REFER TO TYPICAL CROSS SECTIONS OF THE PROJECT FOR DETAIL DATA AS TO EXACT COURSE DIMENSIONS AND OTHER CONSTRUCTION REQUIREMENTS.

SAND SEAL RUNOUTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IOWA DOT 2303.17.

WEDGE SHAPED FILLETS OF HMA SHALL BE CONSTRUCTED AT ALL PAVED ENTRANCES AND PAVED INTERSECTING ROADS. FULL THICKNESS FILLETS SHALL BE CONSTRUCTED AT ALL NON-PAVED RESIDENTIAL AND COMERCIAL ENTRANCES AND NON-PAVED PUBLIC ROADS.

FILLET SIZES AS LISTED IN THE TABLE ARE RECOMMENDED AND SHALL BE USED FOR DESIGN AND ESTIMATING PURPOSES. THE ENGINEER SHALL ESTABLISH THE LENGTH AND WIDTH OF EACH INDIVIDUAL FILLET TO ACCOMMODATE CONDITIONS AT THE SITE.

1. UNLESS OTHERWISE NOTED, FULL RUNOUT FOR HMA RESURFACING SHALL BE AT THE RATE OF 25 FEET OF LENGTH FOR EACH 1 INCH OF RESURFACING THICKNESS. WHEN USING SURFACE NOTCH RUNOUT, MILL OUT EXISTING PAVEMENT TO THE DEPTH OF NEW RESURFACING OR MINIMUM OF 1.5 INCHES. PLACE SUBGRADE PAPER, BURLAP, OR SIMILAR MATERIAL OVER ADJACENT SURFACE IN AREAS OF RUNOUT WEDGES TO FACILITATE REMOVAL OF WEDGES WHERE SUBSEQUENT FUTURE RESURFACING IS ANTICIPATED. TEMPORARY RUNOUT SHALL BE AT THE RATE OF 5 FEET OF LENGTH FOR EACH INCH OF RESURFACING THICKNESS.
2. SPECIAL SHAPING OF EXISTING SURFACE PRIOR TO PLACEMENT OF FILLET MAY BE REQUIRED. BY THE ENGINEER AND SHALL BE CONSIDERED INCIDENTAL TO OTHER WORK ON THE PROJECT.
3. FOR EXISTING FILLETS AT NON-PAVED ROADS AND ENTRANCES, A WEDGE SHAPED FILLET MATCHING THE THICKNESS OF THE RESURFACING SHOULD BE CONSTRUCTED.

REV.	DATE	BY		
2	10/19/04		DETAILS FOR HMA RESURFACING (SINGLE COURSE)	FIGURE: 7020.5A
DATE: 01-01-98				SHEET 2 OF 2