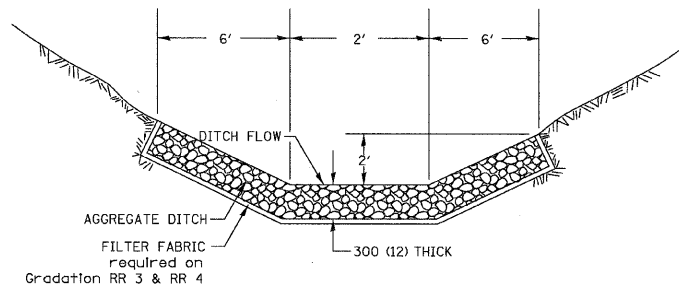


AGGREGATE DITCH FOR FLEXIBLE DITCH LINING

DESIGNER NOTES

- 1) Class A3 or A4 can be used for ditch lining. Use A4 for velocities greater than 3.66 m/s (12 fps). A3 may be used as an alternate to turf reinforcement.
- 2) Include pay item for FILTER FABRIC. Note the specification book does not require fabric on A3 but include it when using this standard.
- 3) Example: Class A4 means A quality and gradation RR 4. See Article 1005.01 for size.
- 4) Remember to fill in the dimensions on the ditch section above.
- 5) Add the class A3 or A4 to the note on the bottom right.
- 6) Use Pay Item 28300470 Aggregate Ditch 12" or MX283010 Aggregate Ditch, 300 mm
•See Section 283.03



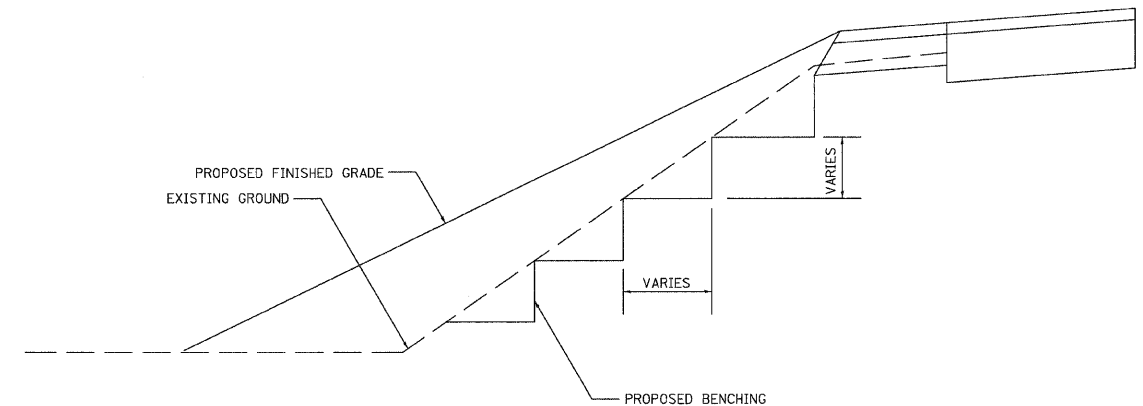
CLASS A4 WILL BE REQUIRED ON THIS PROJECT AT THE LOCATION SHOWN ON THE PLANS. THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 283. AGGREGATE DITCH WILL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE METERS (SQUARE YARD) OF ACTUAL SURFACE AREA. AGGREGATE DITCH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE METER (SQUARE YARD) FOR AGGREGATE DITCH, 300 mm (12").

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

REVISED - 11-01-07

AGGREGATE DITCH FOR FLEXIBLE DITCH LINING 214

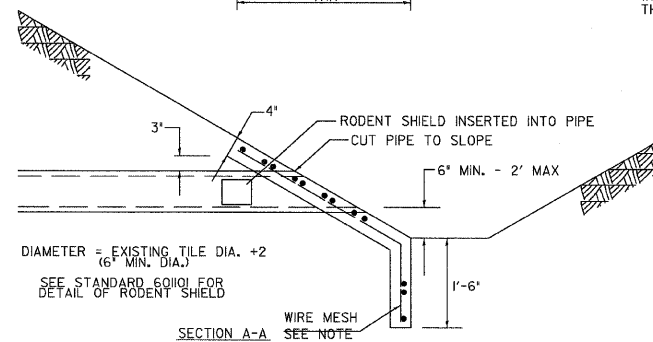
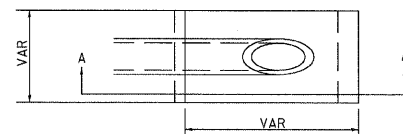
TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 504

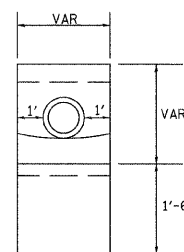
SLOPED HEADWALL TYPE 1 FOR FIELD TILE OUTLETS



REVISED - 10-21-08

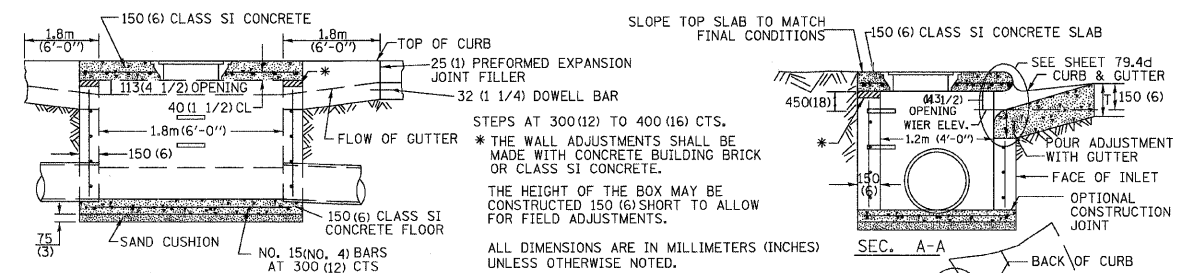
NOTES

1. ANY STORM SEWER OR FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR SLOPED HEADWALL TYPE 1. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ. FT.

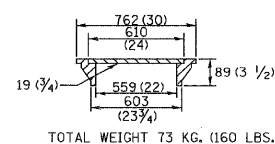


SLOPED HEADWALL TYPE 1 FOR FIELD TILE OUTLETS 284

INLET SPECIAL NO. 3



SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL #3 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4a LIGHT WEIGHT MANHOLE CASTING



NOTES

- STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.).
- THE INLET SHALL BE CAST IN PLACE OR PRECAST.
- EXCEPT AS NOTED HEREON INLET SPECIAL NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, 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.

** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

REVISED - 11-01-07

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REVISED - ---

REVISED - ---

REGION 2 / DISTRICT 2 STANDARD

LOCAL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1020	05-00010-00-PV	HENRY	136	135
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 85428	

PLOT DATE = DATE

INLET SPECIAL NO. 3

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