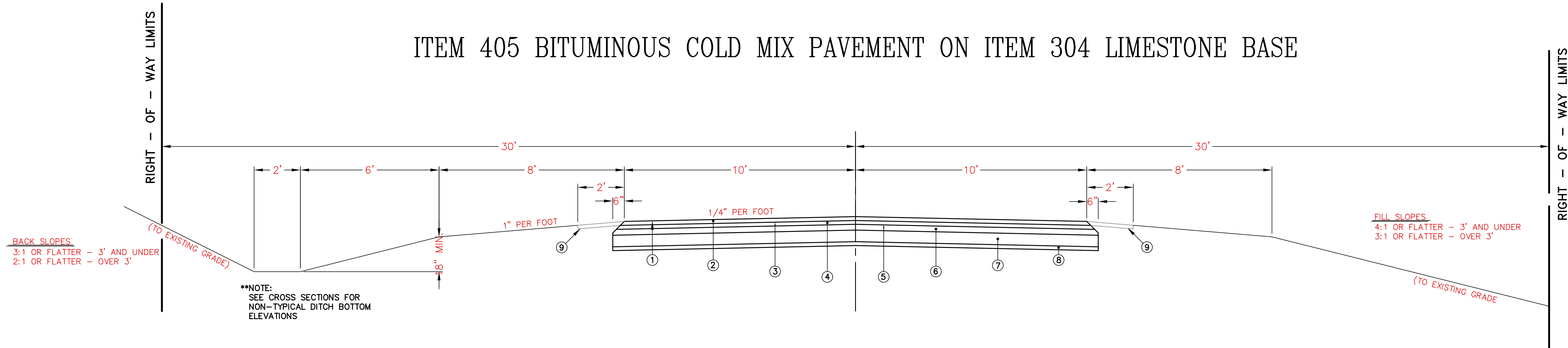
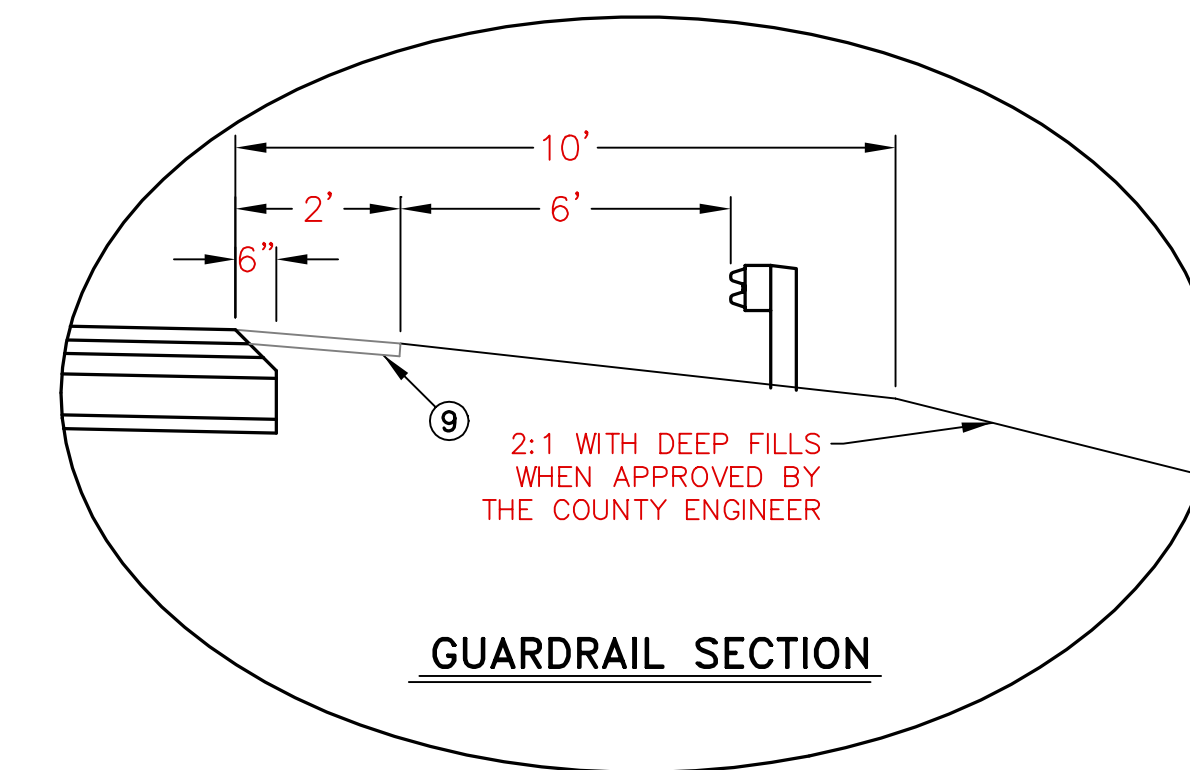


ITEM 405 BITUMINOUS COLD MIX PAVEMENT ON ITEM 304 LIMESTONE BASE



No.	MATERIAL
①	ITEM 409 SEAL COAT WITH No. 8 LIMESTONE COVER.
②	2" - 405 BITUMINOUS COLD MIX WITH CMS-2 (SECOND YEAR) * ITEM 408 PRIME COAT AS NEEDED PRIOR TO PAVING.
③	ITEM 409 SEAL COAT WITH NO. 8 LIMESTONE COVER.
④	2" - 405 BITUMINOUS COLD MIX WITH CMS-2 (FIRST YEAR)
⑤	ITEM 408 PRIME COAT WITH NO. 8 LIMESTONE COVER.
⑥	3" - No. 304 LIMESTONE BASE AGGREGATE @ 4,000 LBS. PER CUBIC YARD.
⑦	6" - No. 1 & No. 2 LIMESTONE MIX BASE AGGREGATE @ 2,700 LBS. PER CUBIC YARD.
⑧	2" - No. 304 LIMESTONE BASE AGGREGATE @ 4,000 LBS. PER CUBIC YARD.
⑨	No. 411 LIMESTONE BERM, 2 FEET WIDE, THICKNESS VARIABLE. TO BE INSTALLED AFTER SECOND YEAR PAVING IS COMPLETED.
⑩	PERFORATED 4" UNDERDRAIN (SEE UNDERDRAIN DETAIL)



MEDINA COUNTY 405 BITUMINOUS COLD MIX

MATERIALS-PLANT MIXES:

A. AGGREGATES:

MOTORPAVE MIX SHALL USE CLEAN No. 67 CRUSHED AGGREGATE APPLIED AT 140 lbs. PER SQUARE YARD PER 2" LIFT. AGGREGATE WILL CONFORM TO ODOT 703 SPECIFICATIONS. THE USE OF RECYCLED AGGREGATES OR PAVEMENT GRINDINGS IN ANY MIX IS PROHIBITED. CHOKE SHALL BE No. 8 CRUSHED LIMESTONE APPLIED AT A RATE OF 12 lbs. PER SQUARE YARD.

B. BITUMINOUS MATERIAL:

MOTORPAVE MIX SHALL USE CMS-2 LIQUID MIXED AT A RATE OF 16 GALLONS PER TON OF AAGGREGATE. MATERIAL SHALL MEET APPLICABLE REQUIREMENTS OF ODOT 702 SPECIFICATIONS.

C. MIXING PLANT:

MATERIALS SHALL BE MIXED AND SPREAD WITH A SELF-PROPELLED TRAVELING PLANT MEETING ALL SPECIFICATIONS OF ODOT 405.04.

ALL PAVING SHALL BE DONE UNDER APPLICABLE SPECIFICATIONS OF ODOT 405. PREVIOUS EXPERIENCE HAS SHOWN THAT PROPER PROPORTIONING WILL ACHIEVE A YIELD OF APPROXIMATELY 2,500 lbs. PER CUBIC YARD.

D. PRIME COAT, ITEM 408:

CONSISTING OF MC-70 BITUMINOUS MATERIAL APPLIED AT 0.5 GALLONS PER SQUARE YARD PRIOR TO MOTORPAVING. COVER OF NO. 8 LIMESTONE AGGREGATE APPLIED AT 23 POUNDS PER SQUARE YARD (WHEN NEEDED).

E. SEAL COAT, ITEM 409:

CONSISTING OF MC-3000 BITUMINOUS MATERIAL APPLIED AT 0.5 GALLONS PER SQUARE YARD (OR RS-2 EMULSION AT 0.6 PER SQUARE YARD). COVER OF NO. 8 LIMESTONE AGGREGATE APPLIED AT 23 POUNDS PER SQUARE YARD.

TESTING AND SAMPLING:

THE MEDINA COUNTY ENGINEER WILL REQUIRE AT LEAST TWO (2) SETS OF BITUMINOUS LIQUID AND ONE (1) SAMPLE OF AGGREGATE PER DAY OF PAVING. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO COLLECT THESE SAMPLES AS DIRECTED BY THE COUNTY ENGINEER'S REPRESENTATIVE. THESE SAMPLES WILL BE TESTED BY AN INDEPENDENT TESTING LABORATORY SELECTED BY THE MEDINA COUNTY ENGINEER.

LIMESTONE AGGREGATE BASE:

A. NO. 304 LIMESTONE TO BE INSTALLED IN ACCORDANCE WITH ODOT ITEM 304 AND ITEM 703.04 SPECIFICATIONS. YIELD SHOULD BE 4,000 LBS. PER CUBIC YARD.

B. NO. 1 AND NO. 2 LIMESTONE MIX TO BE INSTALLED IN ACCORDANCE WITH ODOT ITEM 304 AND ITEM 703.01 SPECIFICATIONS. YIELD SHOULD BE 2,700 LBS. PER CUBIC YARD.

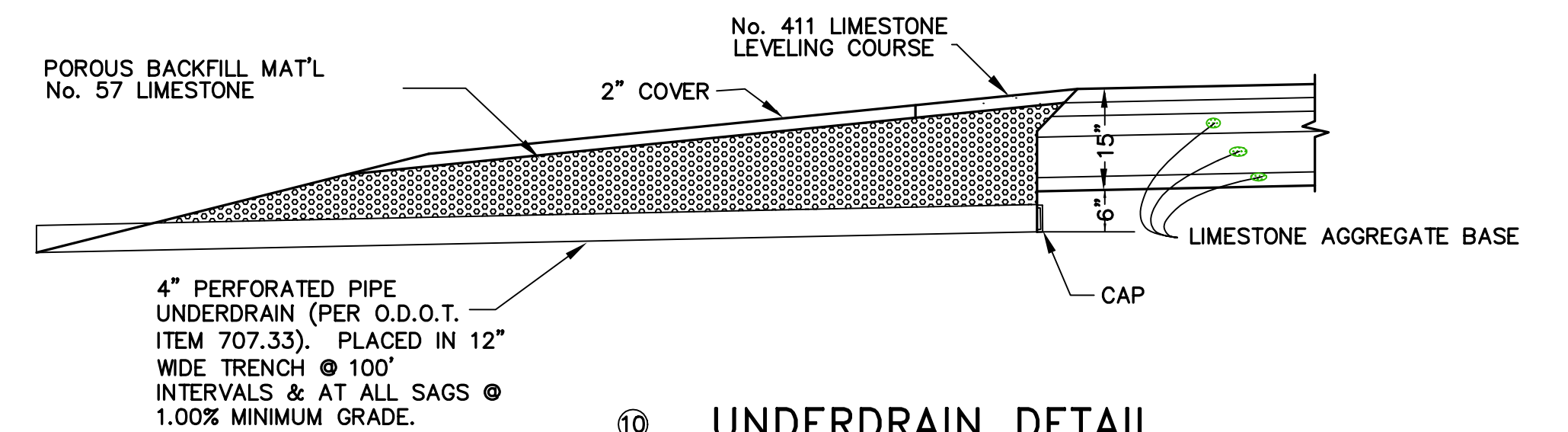
C. NO. 411 LIMESTONE BERM (2 FEET WIDE) SHALL BE PLACED ALONG ALL PAVEMENT EDGES AFTER SECOND YEAR ASPHALT LIFT. THICKNESS AS NEEDED TO BRING EDGE EVEN TO FINISH PAVEMENT GRADE.

UNDERDRAINS:

PIPE UNDERDRAINS SHALL BE INSTALLED AT 100' INTERVALS AND AT ALL SAGS ACCORDING TO THE DETAIL ON THIS SHEET. UNDERDRAINS SHALL BE CONSTRUCTED USING PERFORATED 4" CORRUGATED POLYETHYLENE SMOOTH-LINED PLASTIC PIPE (PER O.D.O.T. ITEM 707.33). BACKFILL MATERIAL SHALL BE No. 57 LIMESTONE AGGREGATE.

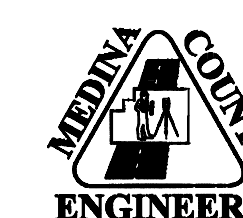
MONUMENT PINS:

WHERE INDICATED ON THE PLANS, CONTRACTOR SHALL PROVIDE FOR MONUMENTATION OF THE RIGHT-OF-WAY CENTERLINE. THREE (3") INCH DIAMETER CORE HOLES SHOULD BE MADE THROUGH THE COMPLETED ASPHALT PAVEMENT. SURVEYORS SHOULD THEN SET 3/4" DIAMETER BY 30" LONG IRON PINS. HOLES SHOULD THEN BE FILLED FULL WITH SURFACE OF STREET TO THE FULL DEPTH OF PAVEMENT WITH NON-SHRINK GROUTING MATERIAL.



OFFICE OF THE
MEDINA COUNTY
ENGINEER
MICHAEL J. SALAY, P.E., P.S.

MEDINA COUNTY ENGINEERING CENTER
791 W. SMITH ROAD
P.O. BOX 825
MEDINA, OHIO 44258-0825
Ph. (330) 723-9561



PROJECT:

TYPICAL PAVEMENT SECTION
RURAL RESIDENTIAL

THE DESIGN ENGINEER WHOSE STAMP OR SIGNATURE IS AFFIXED TO THIS SET OF PLANS CERTIFIES UNDER THE PENALTY OF PERJURY THAT THE INFORMATION ON THIS SHEET HAS NOT BEEN MODIFIED FROM ITS ORIGINAL FORM UNLESS EXPRESSLY APPROVED BY THE MEDINA COUNTY ENGINEER'S OFFICE.

DRAWN BY: A. CONRAD		DATE: 1/8/01		
CHECKED BY: H. GERSPACHER		SCALE: AS NOTED		
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