

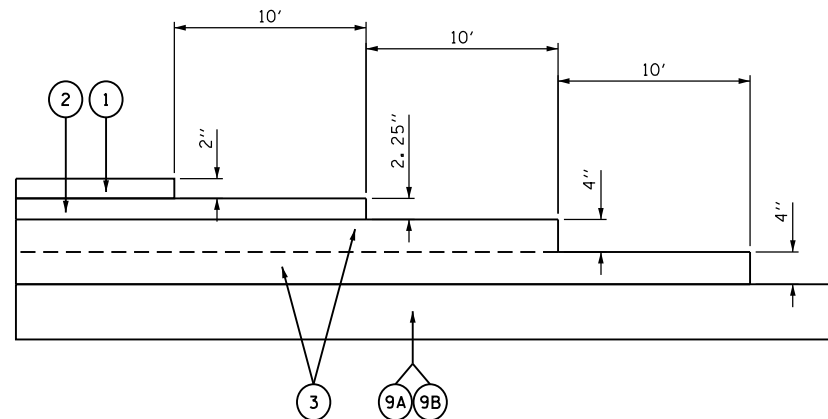
PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 2"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-12.5, N70 2.25"
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"
- ④ HOT-MIX ASPHALT WEDGE TO BE REMOVED PRIOR TRENCHING (INCLUDE IN COST OF PIPE UNDERDRAINS 4")
- \*\* ⑨A SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- \*\* ⑨B LIME MODIFIED SOIL 12"
- ⑩ EMBANKMENT
- ⑪ HOT-MIX ASPHALT SHOULDERS 8"
- ⑫ AGGREGATE SHOULDERS, TYPE B, 8"
- ⑫A AGGREGATE SHOULDERS, TYPE B, 6"
- ⑭ PIPE UNDERDRAIN 4" (SPECIAL) (STD 601201-D4) AT 1% SLOPE
- ⑮ 4" PERFORATED CORRUGATED POLYETHYLENE TUBING @ 0.40% MIN. SLOPE (SEE PROP. UNDERDRAIN PROFILE SHEETS) (PAID FOR AS "PIPE UNDERDRAINS 4")
- ⑮A 10" TRENCH FOR PIPE UNDERDRAINS (STD 601001)
- ⑮B FA-4 OR FM-4 SAND (INCLUDE IN COST OF PIPE UNDERDRAINS 4")
- ⑯ CONCRETE HEADWALL FOR PIPE DRAIN (PER STD 601101)
- ⑰ 4" TOPSOIL PLACEMENT
- \* ⑰ HMA PAVEMENT (FULL DEPTH), 12.25"

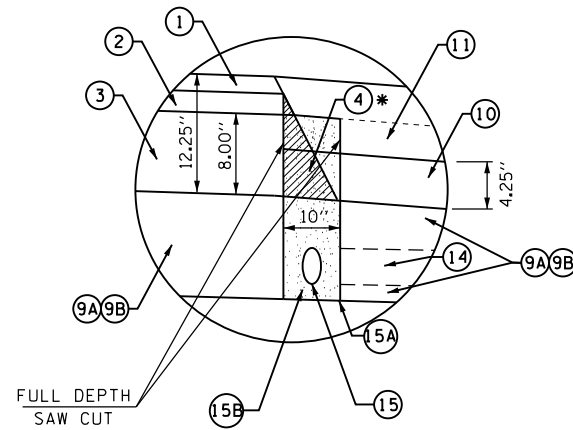
LEGEND NOTES:

ITEMS 1, 2, & 3 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA PAVEMENT (FULL-DEPTH), 12.25"

SUB-BASE GRANULAR MATERIAL IS REQUIRED AT VARIOUS LOCATIONS. SEE SCHEDULE. CONTRACTOR OPTION FOR SUBGRADE IMPROVEMENT METHOD AT ALL OTHER LOCATIONS.

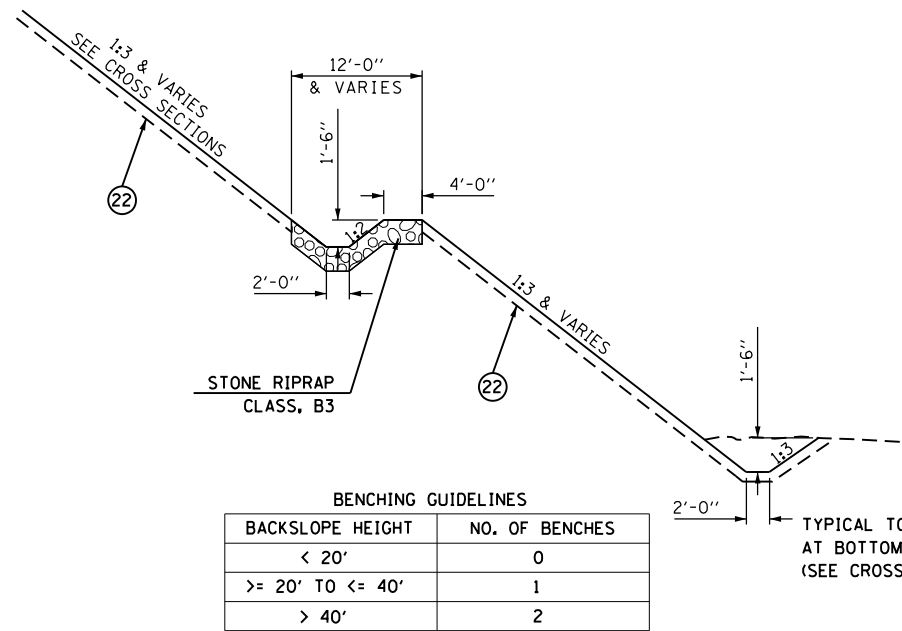


TYPICAL HOT-MIX ASPHALT CONSTRUCTION JOINT



US ROUTE 34 PIPE UNDERDRAIN DETAIL

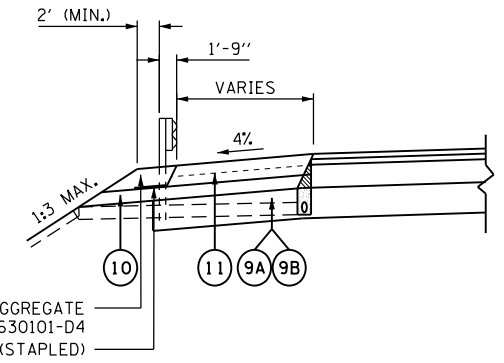
- \* CONSTRUCT ③ OVER ⑨A OR ⑨B  
CONSTRUCT ⑩ OVER ⑨A OR ⑨B .  
CONSTRUCT ⑪ TO TOP OF ③  
REMOVE HMA WEDGE ④ WITH FULL DEPTH SAW CUT  
INSTALL PIPE UNDERDRAIN ⑭ ⑮ ⑮A ⑮B ⑯  
CONSTRUCT ① ② AND ⑪
- \* 10" TRENCH FOR PIPE UNDERDRAIN (PER STANDARD 601001) TO BE INSTALLED WITH LASER - GUIDED TRENCHER
- \* EMBANKMENT TO SHALL BE PLACED ON TOP OF LIME MODIFIED SOIL AND COMPACTED PRIOR TO UNDERDRAIN INSTALLATION TO AVOID CONTAMINATION OF UNDERDRAIN TRENCH AND BACKFILL



BENCHING GUIDELINES	
BACKSLOPE HEIGHT	NO. OF BENCHES
< 20'	0
>= 20' TO <= 40'	1
> 40'	2

TYPICAL BENCH DITCH IN FORESLOPES

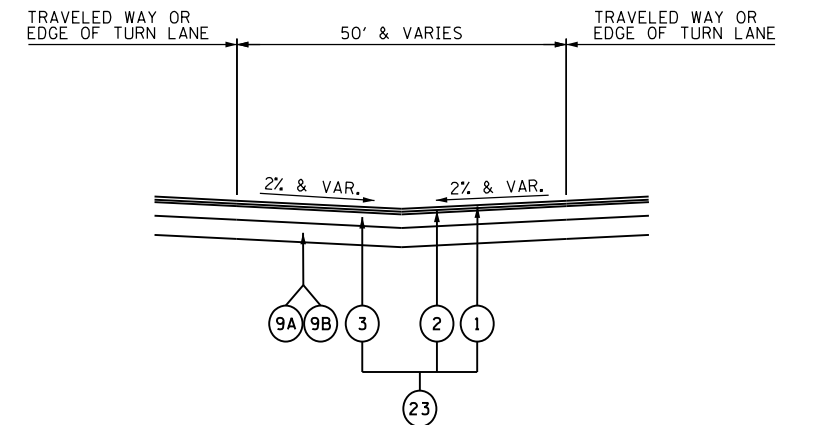
STA 742+00.00 TO STA 748+00.00 RT (US 34)



GAURDRAIL EROSION CONTROL AGGREGATE  
SEE STD 630101-D4  
GEOTEXTILE FABRIC (STAPLED)

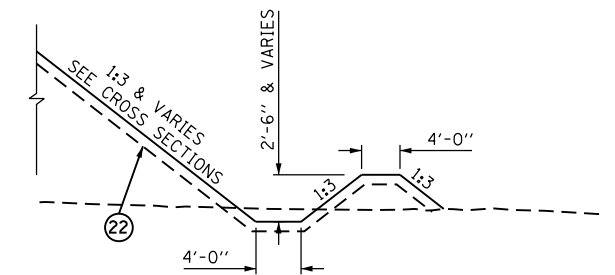
GUARDRAIL WITH EROSION CONTROL TREATMENT

SEE PLAN AND PROFILE SHEETS FOR GAURDRAIL LOCATIONS



U.S. ROUTE 34 MEDIAN OPENING

REFER TO INTERSECTION DETAILS FOR CROSSOVER SLOPES AND ELEVATIONS.



TOE OF SLOPE DITCH BERMS

SEE CROSS SECTIONS FOR EXACT LOCATIONS

FILE NAME = D468409-SHT-14-TYP-DETAIL1.dgn

USER NAME = zach1

DESIGNED - DBS

REVISED -

DRAWN - PSBA

REVISED -

PLOT SCALE = 100.0000' / 1" .

DATE - 10/2012

CHECKED - CSB

REVISED -

DATE - 10/2012

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
DETAILS

SCALE: N.A.

SHEET NO. 14 OF 18 SHEETS

STA.

TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2 ; 6-1	HENDERSON	976	94
CONTRACT NO. 68409				
ILLINOIS FED. AID PROJECT				