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"
* * (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"
(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")
(16) CONCRETE HEADWALL FOR PIPE DRAIN (PER STD 601101)
(22) 4" TOPSOIL PLACEMENT
* (23) HMA PAVEMENT (FULL DEPTH), 12.25"

LEGEND NOTES:

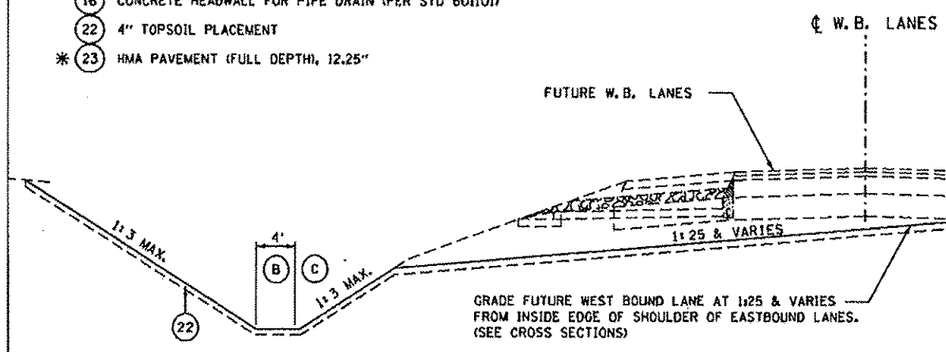
* ITEMS 1, 2, & 3 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA PAVEMENT (FULL-DEPTH), 12.25"

(1) * * SUB-BASE GRANULAR MATERAIL IS REQUIRED AT SELECTED LOCATIONS. SEE SCHEDULE. ~~CONTRACTOR OPTION FOR SUBGRADE IMPROVEMENT METHOD AT ALL OTHER LOCATIONS.~~

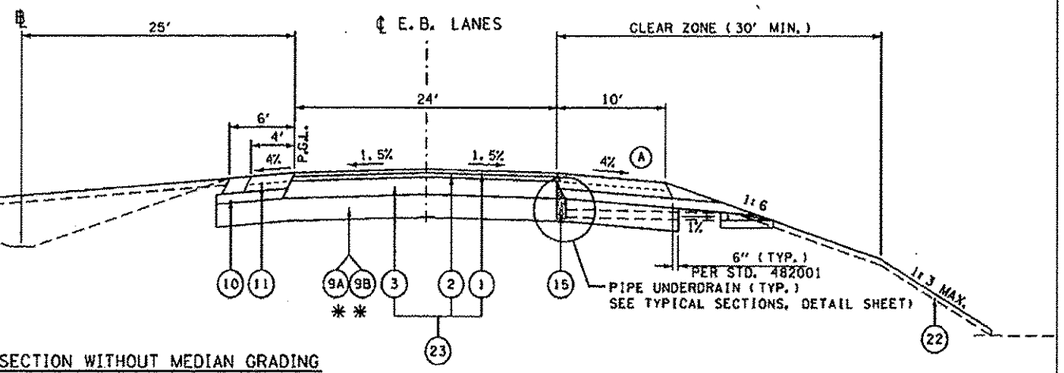
NOTES:

(A) CONSTRUCT HMA AND AGGREGATE SHOULDER UP TO TOP OF HMA BINDER COURSE 8" PRIOR TO PLACING 2.25" BINDER AND 2" SURFACE COURSES.
(B) STANDARD OUTER DITCH DEPTH IS 5.00 FT. BELOW OUTSIDE EDGE OF PAVEMENT.
(C) CONTINUE 1:6 FORESLOPE WHEN DITCH DEPTH IS 7.00 FT. OR LESS BELOW OUTSIDE EDGE OF PAVEMENT. USE 1:3 FORESLOPE OUTSIDE CLEAR ZONE (30') WHEN DITCH DEPTH IS GREATER THAN 7.00 FT.

CUT SECTION



FILL SECTION



US ROUTE 34 TANGENT SECTION WITHOUT MEDIAN GRADING

STA 516+00.00 TO STA 527+00.00
STA 809+63.87 TO STA 821+00.00

SPECIAL NOTES: UNSUITABLE AND RESTRICTED USE MATERIAL

EXPECTED LOCATIONS OF UNSUITABLE AND RESTRICTED USE MATERIALS ARE NOTED ON THE PLAN & PROFILE AND/OR CROSS SECTION SHEETS.

UNSUITABLE MATERIAL SHALL BE REMOVED ENTIRELY, OR TO 3-FT BELOW THE BOTTOM OF THE IMPROVED SUBGRADE (WHICHEVER IS LESS), AND TO A WIDTH OF 2-FT OUTSIDE THE SHOULDER.

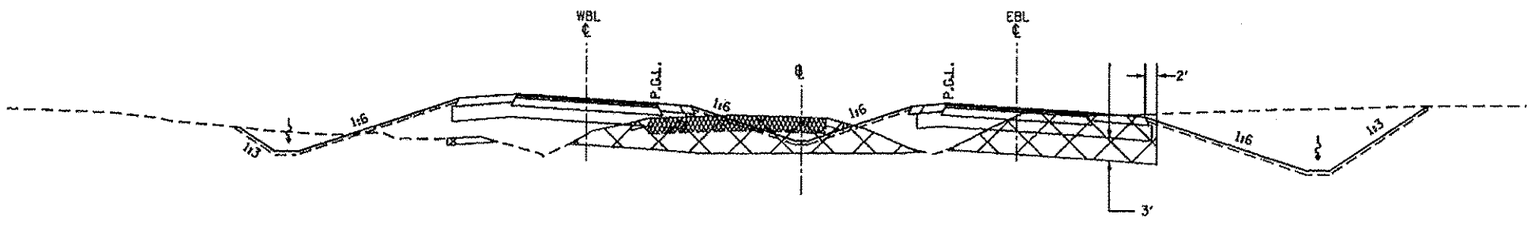
UNSUITABLE SOILS SHALL BE DISPOSED OUTSIDE EMBANKMENT IN ACCORDANCE WITH SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

RESTRICTED USE SOILS SHOULD BE RESTRICTED TO THE INTERIOR OF EMBANKMENTS AND COVERED WITH A MINIMUM OF 3-FT OF UNRESTRICTED SOILS OR BLENDED WITH UNRESTRICTED USE SOILS TO THE SATISFACTION OF THE ENGINEER.

SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.

CROSS SECTION LEGEND

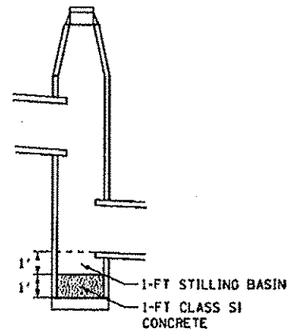
UNSUITABLE SOIL
ROCK FILL FOUNDATION
PAVEMENT REMOVAL
RIPRAP
SAND DRAINAGE BLANKET



UNSUITABLE AND RESTRICTED USE MATERIAL

SPECIAL NOTES: DROP MANHOLE

THE BOTTOM OF ALL DROP MANHOLES SHALL BE FILLED WITH 1-FT CLASS SI CONCRETE. SEE SCHEDULE OF QUANTITIES FOR LOCATIONS. ALL LABOR AND MATERIAL REQUIRED TO PROVIDE DROP MANHOLE CONNECTIONS SHALL BE INCLUDED IN THE COST OF THE MANHOLE OF THE SIZE AND TYPE SPECIFIED.



DROP MANHOLE

1 REVISED 1-8-13

FILE NAME = 0468409-SHT-15-TYP-DETAIL2.dgn	USER NAME = zachl	DESIGNED - DBS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PSBA	REVISED -			313	7-2; 6-1	HENDERSON	976	95
	PLOT SCALE = 100.0000 ' / in.	CHECKED - CSB	REVISED -					CONTRACT NO. 68409		
	PLOT DATE = 10/16/2012	DATE - 10/2012	REVISED -		SCALE: N.A. SHEET NO. 15 OF 18 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		