

THE CONTRACTOR MUST COMPLY WITH THE REQUIREMENTS OF THE GSA WHEN ACCESSING ANY OF THE RAILROAD PROPERTY OR WORKING ON, OVER, OR BENEATH ANY OF THE RAILROAD PROPERTIES.

NOTES:

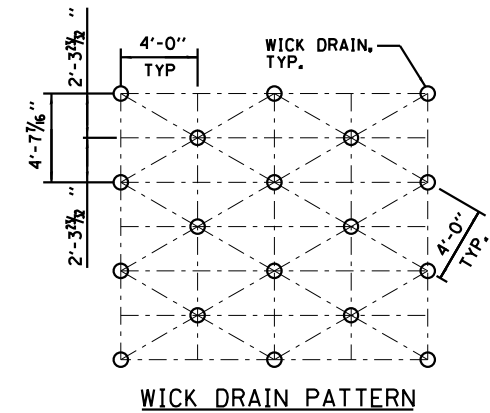
- 1.) WITHIN THE LIMITS SHOWN IN THE PLANS, CONSTRUCT A TWO-FOOT-THICK LAYER OF SAND DRAINAGE BLANKET ON TOP OF THE ONE-FOOT-THICK LAYER OF GRANULAR EMBANKMENT. SPECIAL OR AT THE ELEVATION REQUIRED TO FACILITATE DRAINAGE TO AN ADJACENT PIPE UNDERDRAIN, WHICHEVER ELEVATION IS HIGHER. CONSTRUCT EMBANKMENT AS NEEDED TO RAISE THE ELEVATION OF THE SAND DRAINAGE BLANKET. PROVIDE A MINIMUM 9-FOOT-WIDE BARRIER OF EMBANKMENT BETWEEN THE LIMITS OF THE SAND DRAINAGE BLANKET AND THE FACE OF THE FORESLOPE.
- 2.) IN PLAN, INSTALL THE WICK DRAINS A MINIMUM 10 FEET INSIDE THE LIMITS OF THE SAND DRAINAGE BLANKET. THE WICK DRAINS SHALL BE INSTALLED TO THE TIP ELEVATION SHOWN IN THE "WICK DRAIN TIP ELEVATIONS" TABLE, AND THE TOP CUTOFF SHALL BE ACCORDING TO THE SPECIAL PROVISIONS.
- 3.) PIPE UNDERDRAINS USED TO OUTLET THE SAND DRAINAGE BLANKET SHALL BE EMBEDDED AT LEAST THREE FEET INSIDE THE LIMITS OF THE SAND DRAINAGE BLANKET, SHALL BE CAPPED AT THE UPSTREAM END, AND SHALL HAVE A CONCRETE HEADWALL FOR PIPE DRAINS AT THE EMBANKMENT FORESLOPE. THE COST OF THE CAP SHALL BE INCLUDED IN THE UNDERDRAIN ITEMS. THE HEADWALLS SHALL BE PAID FOR SEPARATELY.
- 4.) THE CONTRACTOR SHALL INSTALL SETTLEMENT PLATFORMS AT THE LOCATIONS AS SHOWN IN THE PLANS AND NOTED BELOW. THE WORK SHALL BE DONE ACCORDING TO THE SPECIAL PROVISIONS AND SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR FURNISHED EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 5.) NO PILE DRIVING AT THE ABUTMENTS OF STRUCTURES 082-0314 & 082-0315 WILL BE ALLOWED UNTIL THE EMBANKMENT HAS REACHED 90% CONSOLIDATION. SEE THE SPECIAL PROVISION FOR "SETTLEMENT PLATFORMS" FOR REQUIRED SETTLEMENT TIMES.

SETTLEMENT PLATFORM LOCATIONS		
STATION	OFFSET	DAYS REQUIRED FOR 90% CONSOLIDATION
641+00	0'	56
645+00	0'	84
646+50	34' RT	84
647+50	34' LT	84

PIPE UNDERDRAIN OUTLET ELEVATIONS		
STATION	INVERT ELEVATION	
	LT	RT
640+00	398.00	417.00
641+00	398.00	417.50
642+00	398.00	
643+00	398.50	418.00
644+00	407.00	
645+50	407.50	410.00
646+00	411.00	410.50
648+00	410.50	

WICK DRAIN TIP ELEVATIONS			
STATION	TO	STATION	TIP ELEVATION
639+00		642+50	390.00
642+50		648+00	395.00

LEGEND
 LIMITS OF SAND DRAINAGE BLANKET



USER NAME = *USER*	DESIGNED - JJO	REVISED - 02/06/13
PLOT SCALE = *SCALE*	DRAWN - JJO	REVISED - 03/15/13
PLOT DATE = *DATE*	CHECKED - PJM	REVISED -
	DATE - 12/10/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GROUND IMPROVEMENT PLAN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2HVB, 520-1-2HVB-1	ST. CLAIR	237	35A
CONTRACT NO. 76848				
ILLINOIS FED. AID PROJECT				