

BENCHING DETAIL

WHERE NEW FILLS ARE TO BE PLACED ON EXISTING SLOPES STEEPER THAN 3:1, THE EXISTING SLOPE SHOULD BE BENCHED IN ACCORDANCE WITH THE "BENCHING DETAIL" PRESENTED IN GDOT CONSTRUCTION DETAIL S-7.

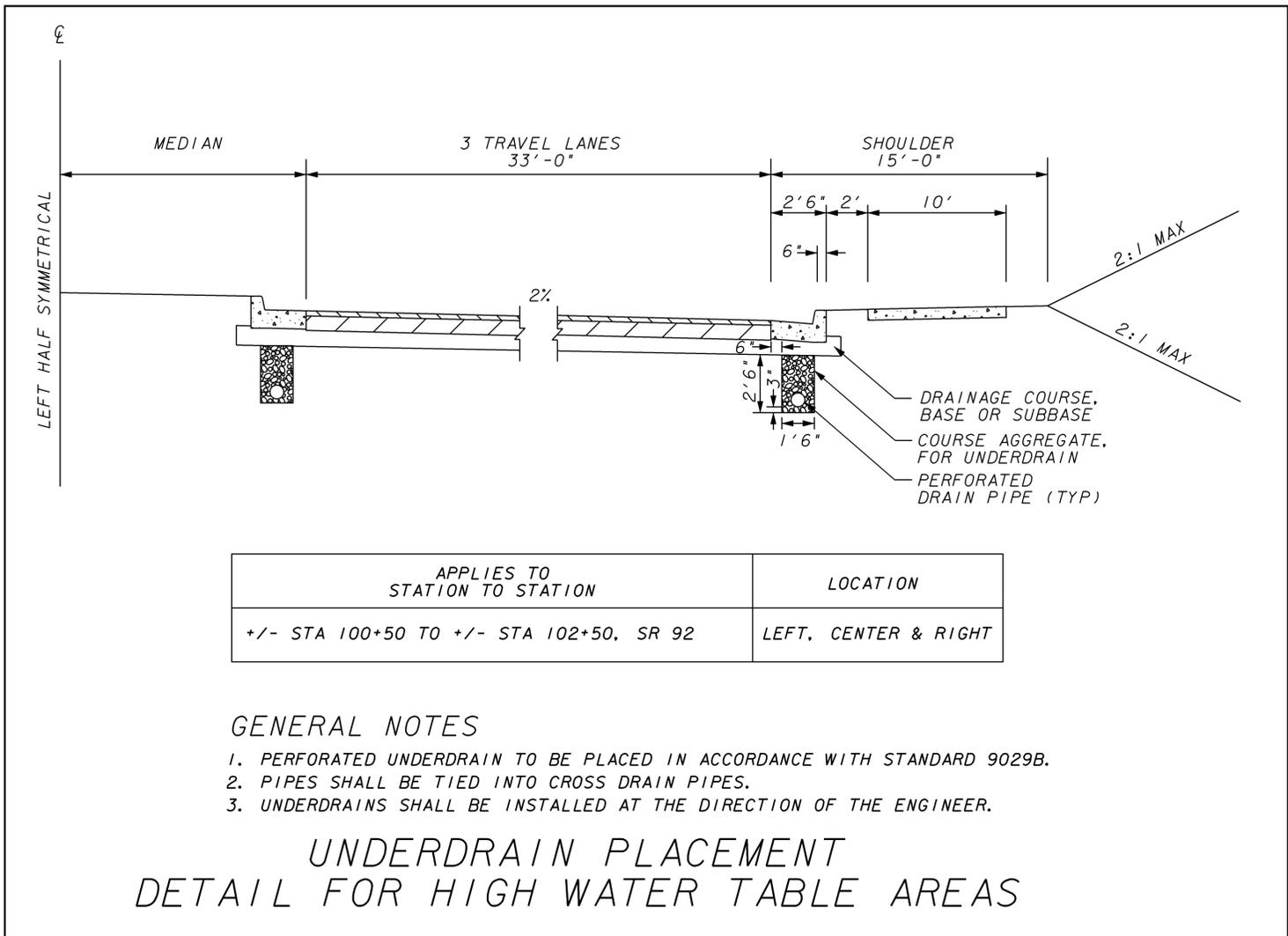
SOIL REMOVAL

IN SOME PARTS OF THE PROJECT ALIGNMENT, THE SOILS AT/NEAR THE PROPOSED GRADE WERE FOUND TO HAVE IN-PLACE MOISTURE CONTENTS FAR ABOVE THE CORRESPONDING OPTIMUM MOISTURE CONTENTS. THIS CONDITION HAS THE POTENTIAL TO CAUSE PUMPING PROBLEMS DURING SUBGRADE AND BASE CONSTRUCTION. IT IS RECOMMENDED THAT UPON COMPLETION OF ANY NECESSARY EXCAVATION IN THESE AREAS, 24 INCHES OF SUBGRADE SOILS FROM BENEATH THE PROPOSED PAVEMENT AND SHOULDERS BE REMOVED, AND EITHER DRIED OUT AND REPLACED, OR REPLACED WITH DRIER SOILS.

THE LOCATIONS WHERE HIGH IN-PLACE MOISTURE CONTENTS WILL LIKELY BE ENCOUNTERED ARE:

STATION TO STATION	LOCATION
56+00 to 61+50	LEFT & RIGHT
64+50 to 67+50	LEFT & RIGHT
72+00 to 75+50	RIGHT
73+00 to 75+00	LEFT
83+50 to 90+00	LEFT & RIGHT
101+00 to 102+00	LEFT & RIGHT
104+50 to 106+00	LEFT
123+50 to 125+50	LEFT
125+50 to 126+50	RIGHT
127+25 to 137+50	LEFT & RIGHT
144+50 to 145+50	RIGHT
146+50 to 148+50	LEFT & RIGHT
148+50 to 150+00	RIGHT
150+50 to 154+50	LEFT & RIGHT
160+50 to 166+50	LEFT & RIGHT
166+50 to 169+50	LEFT
172+50 to 175+50	LEFT & RIGHT
303+00 to 310+00	(FAIRBURN ROAD) LEFT & RIGHT
310+00 to 311+00	(FAIRBURN ROAD) LEFT
500+00 to 505+50	(HOSPITAL DRIVE) LEFT & RIGHT
601+00 to 610+00	(COOPER STREET) LEFT & RIGHT
827+00 to 828+50	(US 78/BANKHEAD HWY) RIGHT
1000+00 to 1002+00	(ELLIS STREET) LEFT & RIGHT
1003+50 to 1006+50	(ELLIS STREET) LEFT & RIGHT
1200+50 to 1205+50	(OLD DALLAS HWY) LEFT & RIGHT

THIS WORK SHOULD BE DONE UNDER THE DIRECTION OF THE ENGINEER, AND MAY BE ELIMINATED IF THE SUBGRADE SOILS ARE DRY AND STABLE AT THE TIME OF CONSTRUCTION.



GENERAL NOTES

1. PERFORATED UNDERDRAIN TO BE PLACED IN ACCORDANCE WITH STANDARD 9029B.
2. PIPES SHALL BE TIED INTO CROSS DRAIN PIPES.
3. UNDERDRAINS SHALL BE INSTALLED AT THE DIRECTION OF THE ENGINEER.

UNDERDRAIN PLACEMENT DETAIL FOR HIGH WATER TABLE AREAS

REVISION DATES	