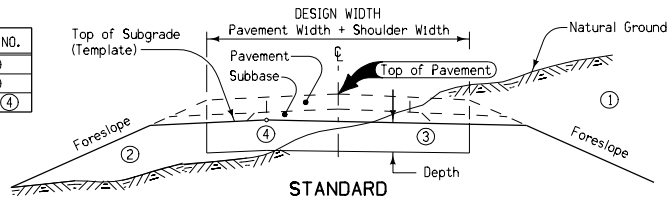


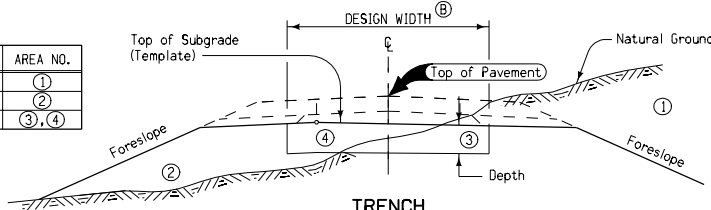
TYPE OF WORK	AREA NO.
Excavation	①
Embankment	②
Subgrade Treatment	③, ④



**STANDARD  
SUBGRADE TREATMENT**

AREA NO.	TYPE OF ADJUSTMENTS TO TEMPLATE QUANTITY
①	None
②	None
③	+ Cut
④	- Fill

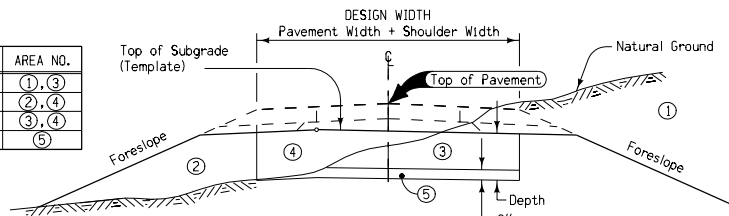
TYPE OF WORK	AREA NO.
Excavation	①
Embankment	②
Subgrade Treatment	③, ④



**TRENCH  
SUBGRADE TREATMENT**

AREA NO.	TYPE OF ADJUSTMENTS TO TEMPLATE QUANTITY
①	None
②	None
③	+ Cut
④	- Fill

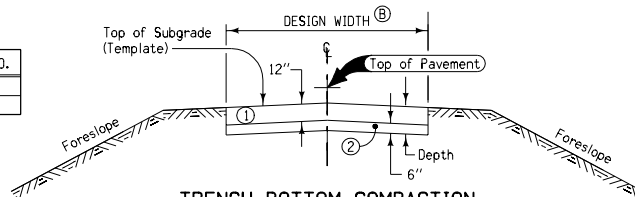
TYPE OF WORK	AREA NO.
Excavation	①, ③
Embankment	②, ④
M & D Embankment	③, ④
Scarify with M & D Embank.	⑤



**MOISTURE CONTROL OR  
MOISTURE AND DENSITY CONTROL**

AREA NO.	TYPE OF ADJUSTMENTS TO TEMPLATE QUANTITY
①	None
②	None
③	+ Cut + Fill
④	None
⑤	None

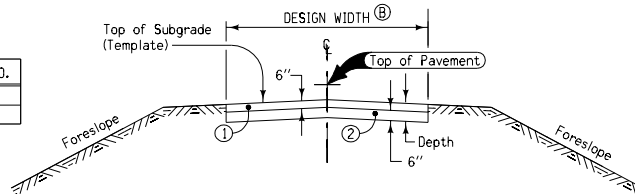
TYPE OF WORK	AREA NO.
Excavation	①
Scarify	②



**TRENCH BOTTOM COMPACTION  
(Existing Roadways)**

AREA NO.	TYPE OF ADJUSTMENTS TO TEMPLATE QUANTITY
①	+ Cut + Fill
②	None

TYPE OF WORK	AREA NO.
Excavation	①
Scarify	②



**SPECIAL COMPACTION  
(Existing Roadway)**

AREA NO.	TYPE OF ADJUSTMENTS TO TEMPLATE QUANTITY
①	None
②	None

ⓑ Design width equals pavement width plus 3.0 feet on each side.

The pay quantity for Subgrade Treatment shall be in either tons or cubic yards. The volume shall be based on specified depth, the treatment type, and shall include the quantity allowed for shrinkage.

The pay quantity for "Compaction with Moisture and Density Control" or "Compaction with Moisture Control" shall be the absolute volume for the specified depth and subgrade width.

Contract Items:

- Compaction with Moisture and Density Control
- Compaction with Moisture Control
- Compacting Trench Bottom
- Special Compaction of Subgrade

Tabulations:

- 103-1
- 103-3
- 103-6

 Iowa Department of Transportation  
Highway Division

**STANDARD ROAD PLAN RL-2A**

REVISION: Add note B to drawings 2 and 4.

REVISION NO. 10

REVISION DATE 10-18-05

APPROVED BY DESIGN METHODS ENGINEER

10-18-05

*William J. Allen*  
APPROVED BY DESIGN METHODS ENGINEER

DETAILS OF EMBANKMENT  
SUBGRADE TREATMENT, MOISTURE  
DENSITY CONTROL & SPECIAL COMPACTION