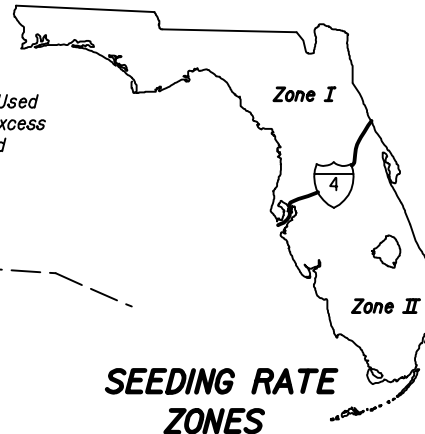
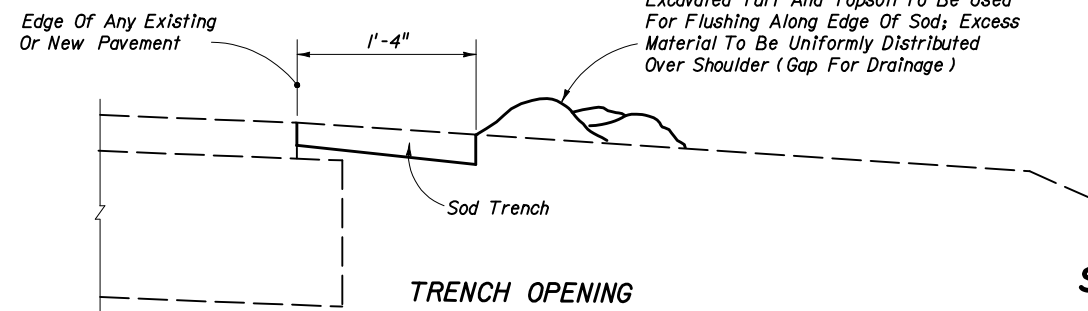


**CRITERIA FOR USING TREATMENT TYPE R-1**

- Project—
- is resurfacing, widening and resurfacing or construction of shoulder pavement
  - is rural or is urban without curb and gutter
  - has good existing soil and turf with no significant shoulder erosion (isolated areas of significant erosion will require additional special treatment. Where poor soil and/or turf conditions exist shoulder reworking, Type R-2, should be applied.)
  - resurfacing build-up is greater than 1 1/2" to less than 3"

**TYPE R-1**



**SEEDING RATE ZONES**

\*Emulsified Asphalt Mulch Or Latex Mulch May Be Deleted For Low Volume Roadways (ADT Less Than 1600) Or Where Shoulder Pavement Is Constructed.

**CRITERIA FOR USING TREATMENT TYPE R-2**

- Project—
- is resurfacing or construction of shoulder pavement
  - is rural or is urban without curb and gutter
  - has good existing soil and turf
  - resurfacing build-up is 3" or more

**TYPE R-2**

A SIMILAR TREATMENT MAY BE USED FOR PROJECTS THAT REQUIRE SHOULDER WIDENING. DETAILS ARE TO BE SHOWN IN THE PLANS.

**GENERAL NOTES**

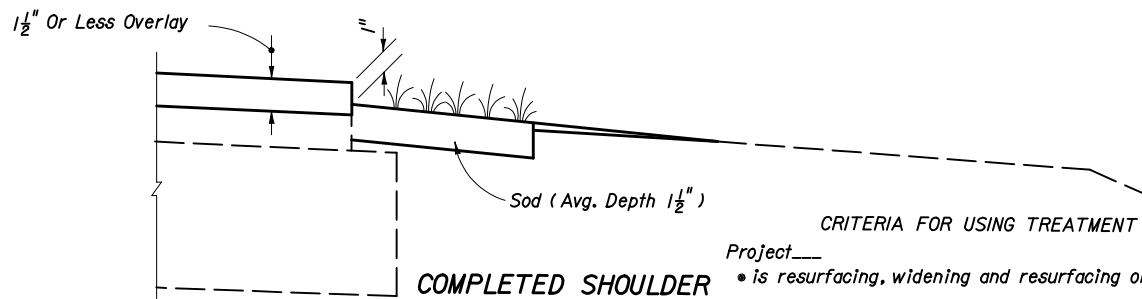
1. Special attention is to be directed to the construction of the required 1" drop-off at edge of pavement.
2. Fertilize entire unpaved shoulder and front slope to toe of slope or bottom of ditch.
3. Topsoil obtained from borrow pits or other sources may be used in lieu of excavated turf and topsoil when economically feasible. No additional payment will be made for substituting topsoil for excavated turf or topsoil.
4. Payment for excavation of turf and topsoil and for backfill of this material under Types R-1 and R-3, is to be included in the contract unit price for Sodding, SY.
5. Payment for reworking shoulders, shall include the cost for those seeding and mulching operations within the limits for reworking shoulders. Materials (Seed, Mulch, Fertilizer and Water) and Sodding shall be paid for as separate items. Reworking shoulders shall be paid for under the contract unit price for Reworking Shoulders, SY.

**SEEDING RATES (Lbs/Ac)**

TYPE OF SEED	ZONE I		ZONE II		ZONE I		ZONE II	
	COASTAL		INLAND		COASTAL		INLAND	
	Mar. to Nov.	Nov. to Mar.	Mar. to Oct.	Oct. to Mar.	Feb. to Dec.	Dec. to Feb.	Feb. to Dec.	Dec. to Feb.
<b>PERMANENT GRASSES</b>								
Unhulled Bermuda	20	20	20	20	20	20	20	20
Bahia Argentina Or Pensacola Bahia			80	80			80	80
<b>QUICK GROWING GRASS</b>								
Annual Rye Grass		20		20		20		20
<b>TOTAL POUNDS PER ACRE</b>	20	40	100	120	20	40	100	120

Note: The seeding rates shown in this table apply only when seed is spread by an approved mechanical spreader meeting the requirements of Section 570 and 577 of the Standard Specifications.

Wildflowers destroyed by shoulder reworking are to be reestablished under the seeding rates prescribed for permanent wildflower #2 Group shown by table on Index No. 104.



**CRITERIA FOR USING TREATMENT TYPE R-3**

- Project—
- is resurfacing, widening and resurfacing or construction of shldr. pavt.
  - is rural or is urban without curb and gutter
  - has good existing soil and turf with no significant shoulder erosion (isolated areas of significant erosion will require additional special treatment. Where poor soil and/or turf conditions exist shoulder reworking, Type R-2, should be applied.)
  - resurfacing build-up is 1 1/2" or less

**TYPE R-3**

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

**SHOULDER SODDING AND REWORKING ON EXISTING FACILITIES**

Names	Dates	Approved By			
Designed By	EGR 09/07/84	S. A. McHenry State Drainage Engineer	Revision	Sheet No.	Index No.
Drawn By	HSD 09/07/84		00	1 of 1	105
Checked By	EGR 09/07/84				