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Highway 430 Realignment, Deep Cove		
Project NO. R.062334.001		2014-02-10

PART 1 - GENERAL

<u>1.1 Definitions</u>	.1	Topsoil: material capable of supporting good vegetative growth and suitable for use in top dressing, landscaping and seeding.
	.2	Waste material: material unsuitable for use in embankment or surplus to requirements.
	.3	Excavated rock material: excavated rock material obtained from areas on site required for construction of embankments or for other portions of work.
	.4	Embankment: excavated rock and granular materials as shown on the Project Drawings.
	.5	Pavement structure: combination of layers of unbound or stabilized granular sub-base, base, and asphalt or concrete surfacing.
	.6	Subgrade elevation: elevation immediately below pavement structure.
<u>1.2 Traffic Provisions</u>	.1	Provide and maintain roadways, walkways and detours, for vehicular and pedestrian traffic and access to fire hydrants, alarms and emergency telephones.

PART 2 - PRODUCTS

<u>2.1 Materials</u>	.1	Embankment materials to approval of Departmental Representative.
	.2	Material used for embankment not to contain organic matter, frozen lumps, weeds, sod, roots, logs, stumps, boulders larger than 200 mm or any other unsuitable material.
	.3	Excavated Rock material: as specified in Sections 31 05 17 and 31 23 10.
	.4	Rip Rap: to Section 31 37 00.
	.5	Geotextile: to Section 31 23 10.

PART 3 - EXECUTION

<u>3.1 Compaction Equipment</u>	.1	Compaction equipment must be capable of obtaining required densities in materials on project.
<u>3.2 Water Distributors</u>	1	Apply water with equipment capable of uniform distribution.
<u>3.3 Embankments</u>	.1	Remove topsoil and rootmat.
	.2	Remove existing pavement in accordance with Section 32 01 16.
	.3	Do not place material which is frozen nor place material on frozen surfaces.
	.4	Maintain a crowned surface during construction to ensure ready runoff of surface water. Do not place material in free standing water.
<u>3.4 Excavations</u>	.1	Remove topsoil and rootmat as specified in Section 31 11 00.
	.2	Excavate fill or bedrock to subgrade level.
<u>3.5 Subgrade Compaction</u>	.1	After grading has been completed, scarify and mix subgrade surface to required depth of subgrade compaction.
	.2	Remove unsuitable materials found during work. Replace with material approved by Departmental Representative
	.3	Bring moisture content of soil to level required to achieve specified compaction. Add water or aerate as required.
<u>3.6 Finishing and Tolerances</u>	.1	Shape and compact surfaces to within 30 mm of design elevations but not uniformly high or low.
	.2	Do scarifying, grading, compacting or other methods of work as necessary to provide thoroughly compacted roadbed shaped to grades and cross

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sections as indicated or as directed by
Departmental Representative.

- .3 Finish edges and slopes of common material to neat condition, true to line and grade.
 - .1 Remove isolated boulders exposed in cut slopes and fill resulting cavities.
 - .2 Hand finish slopes that cannot be finished satisfactorily by machine.

- 3.7 Maintenance
 - .1 Maintain finished surfaces in condition conforming to this section until acceptance.