



NOTES:

1. MAXIMUM CENTERLINE ROAD GRADE SHALL BE 12%.
2. CENTERLINE ROAD GRADE WITHIN 100' OF INTERSECTIONS SHALL BE A MINIMUM OF -2% FOR 20 FEET AND A MAXIMUM OF 6% FOR 80 FEET MEASURED FROM THE EDGE OF PAVEMENT.
3. MINIMUM LONGITUDINAL DITCH SLOPE SHALL BE 0.5%. DITCHING IN STEEP TERRAIN SHALL BE INSTALLED ON THE UPHILL SIDE OF ROADWAY ONLY OR AS APPROVED BY THE ENGINEER.
4. ALL CULVERTS MUST BE AT LEAST 18" IN DIAMETER AND INSTALLED WITH HEADWALLS (SEE STD 104B).
5. RIGHT OF WAY AND ROADWAY PRISM SHALL BE CLEARED IN ACCORDANCE WITH SECTION 02201 - CLEARING AND GRUBBING.
6. EXCAVATION AND EMBANKMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 02202 - EXCAVATION AND EMBANKMENT.
7. ALL CUT AND FILL SLOPES SHALL BE TOPSOILED IN ACCORDANCE WITH SECTION 02709 - TOPSOIL, AS APPROVED BY THE ENGINEER.
8. ALL CUT AND FILL SLOPES SHALL BE SEEDING IN ACCORDANCE WITH SECTION 02710 - SEEDING AND THE MANUAL OF STORMWATER BEST MANAGEMENT PRACTICES AS APPROVED BY THE ENGINEER.
9. ALL ORGANIC SOILS SHALL BE REMOVED TO A MINIMUM DEPTH OF 5' FROM TOP OF SUBGRADE AND REPLACED WITH NFS MATERIAL WITHIN THE ROADWAY PRISM AS APPROVED BY THE ENGINEER.
10. THE ROADWAY PRISM SHALL BE WIDENED BY 2' WHEN GUARDRAIL IS REQUIRED. (SEE STD. 102B)
11. ROAD PRISM SHALL CONSIST OF 18" SHOT ROCK, 9" 2" MINUS ROCK AND 3" D-1.
12. IF DRAINAGE REQUIRES DITCHES DEEPER THAN 3', STORM DRAIN PIPE AND NECESSARY CATCH BASINS SHALL BE INSTALLED AS APPROVED BY THE ENGINEER.
13. FILTER FABRIC SHALL BE USED AS APPROVED AND/OR REQUIRED BY THE ENGINEER.
14. STORMWATER RUNOFF FROM PRIVATE PROPERTY SHALL BE DIRECTED INTO AN APPROVED DRAINAGE WAY PRIOR TO ENTERING THE ROADWAY PRISM AS APPROVED BY THE ENGINEER.

SCALE: NTS	DATE: 12/3/95	CITY AND BOROUGH OF JUNEAU, ALASKA	
DRAWN BY: DRW/STAFF	CHECKED BY: JB/STAFF	GRAVEL SURFACE ROADWAY SECTION OUTSIDE URBAN SERVICE BOUNDARY	
APPROVED BY: 	REVISED: 8/14/2011	STANDARD 101	