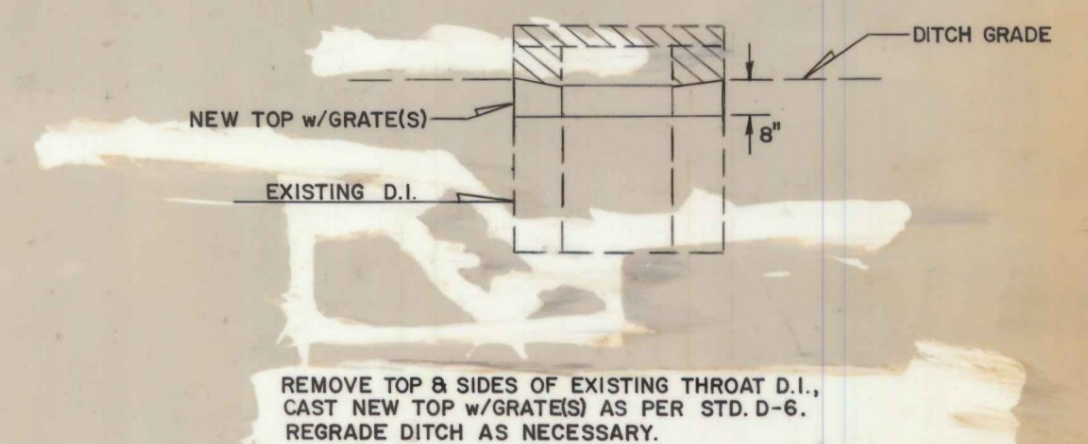
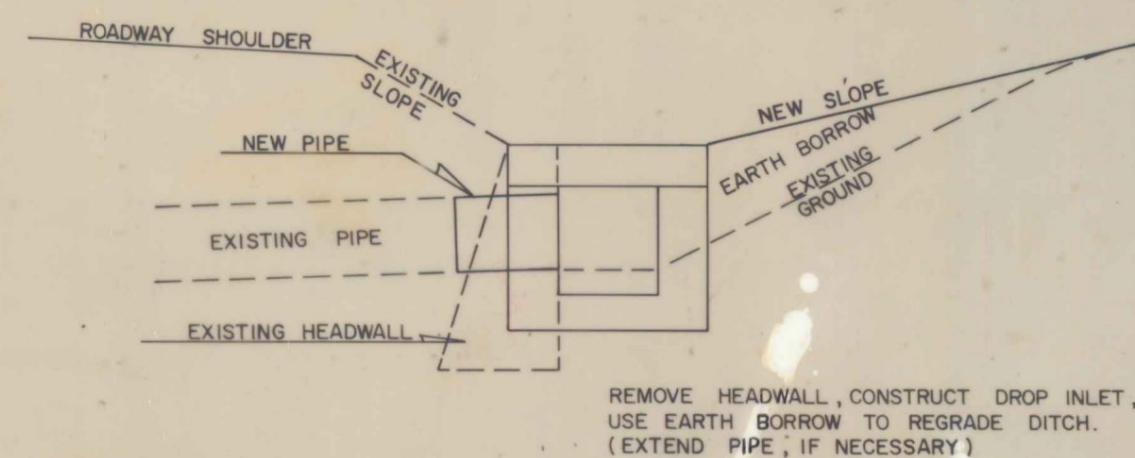
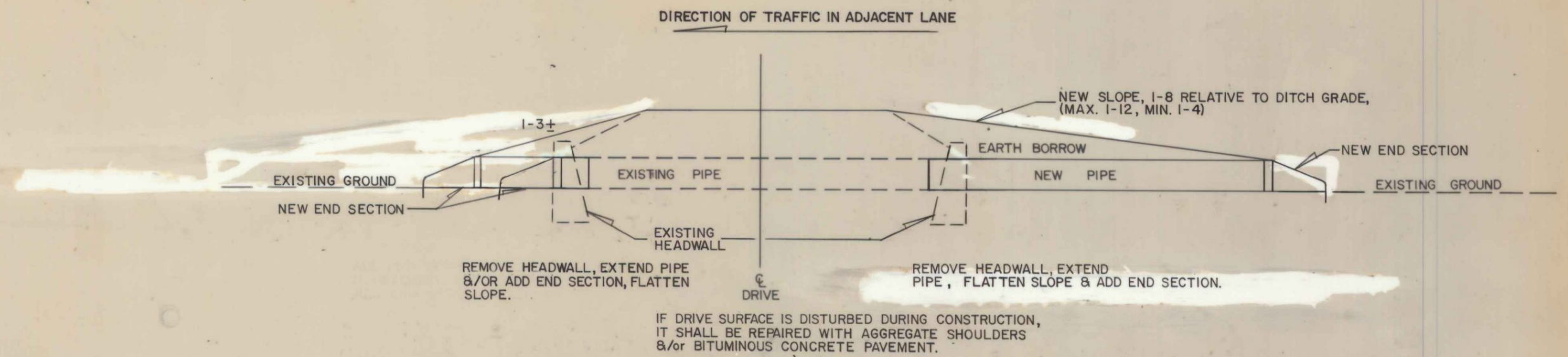
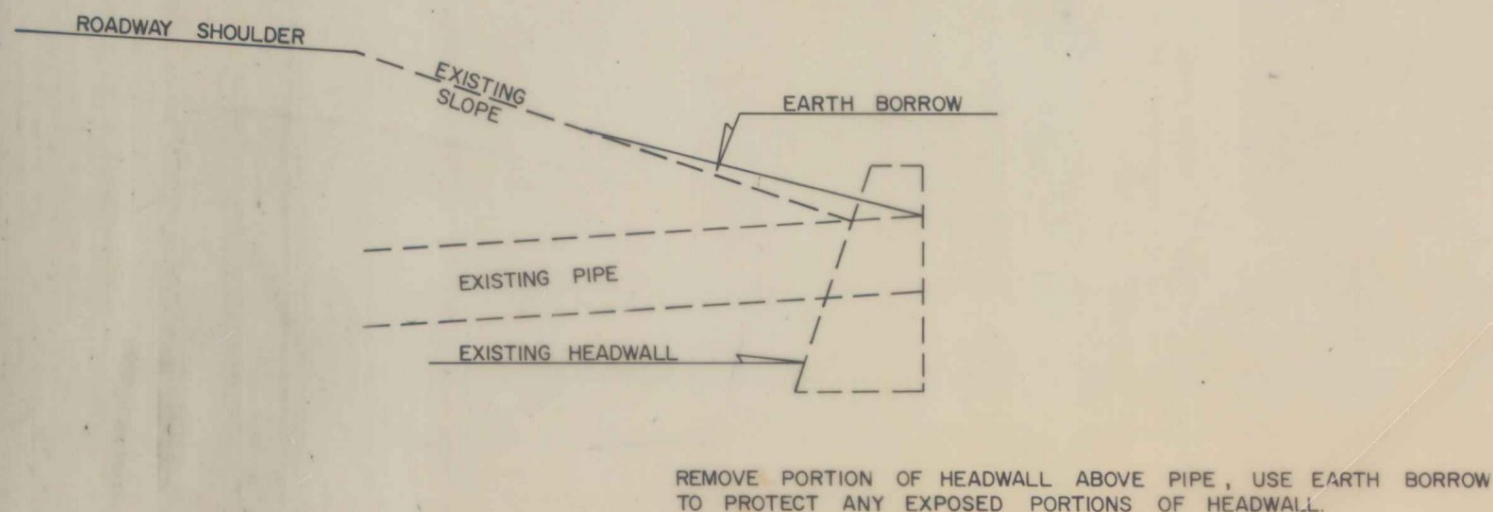
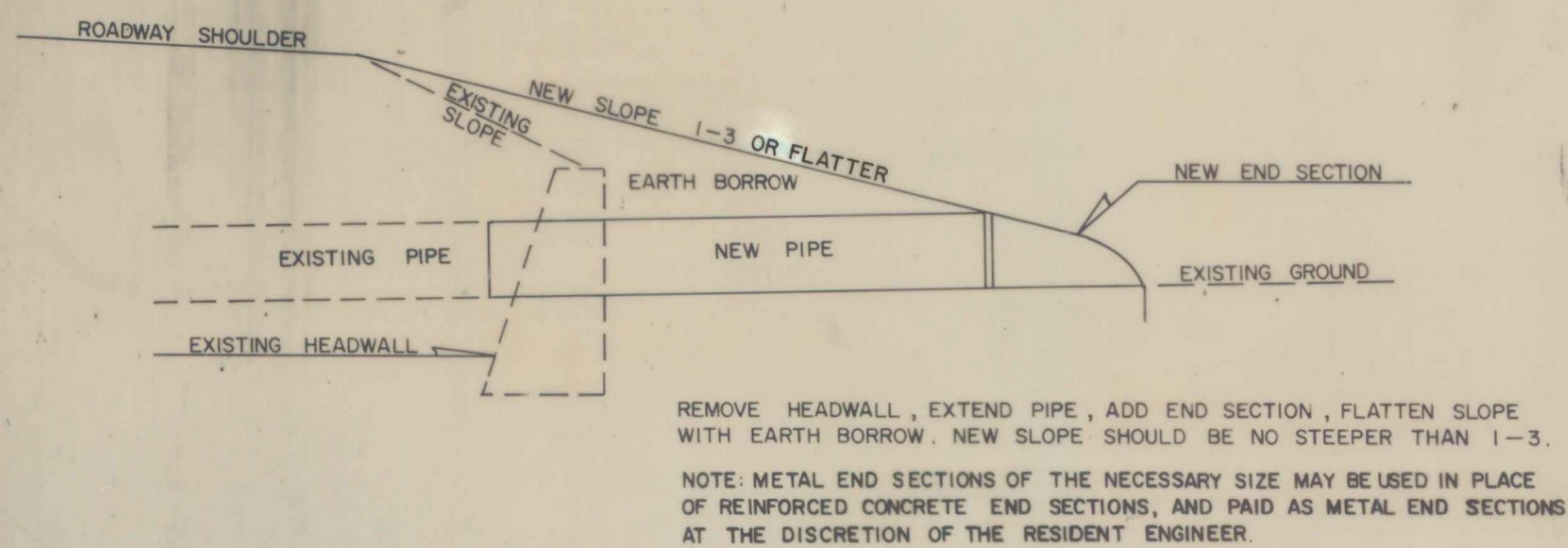
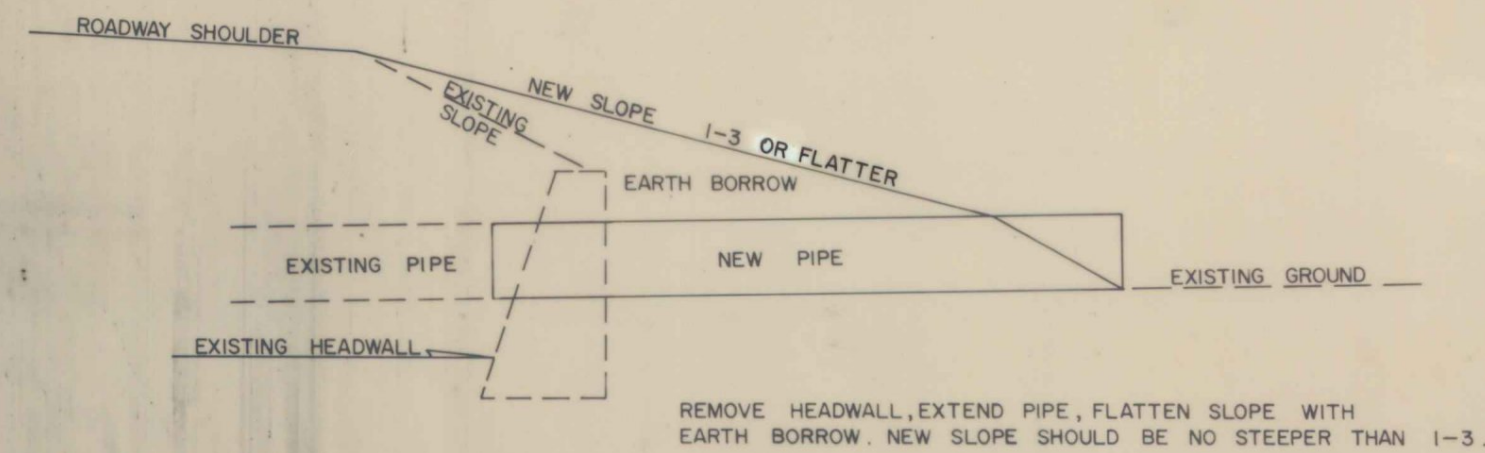


DRAINAGE DETAILS



NOTE: ALL AREAS WHERE DISTURBED TO BE SEEDED WITH APPROPRIATE FORMULA, COST TO BE SUBSIDIARY TO OTHER ITEMS ON THIS PROJECT.

ALL EXISTING MARKER POSTS WITH A DIAMETER GREATER THAN 5 1/2" AND WITHIN 10' OF THE EDGE OF PAVEMENT ARE TO BE REPLACED w/NEW WOOD MARKER POSTS. (REMOVAL OF EXISTING SUBSIDIARY TO THIS ITEM.)

SEEDING FORMULA, RURAL AREAS

% WT	LBS/A	NAME	% PUR	GERM %
3.33	2	CROWN VETCH	97	75
50.00	30	CREeping RED FESCUE	98	85
8.33	5	TIMOTHY	99	88
16.67	10	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	85
8.34	5	ALFALFA (VAR. SARANAC)	99	85
8.33	5	BIRDSFOOT TREFOIL (VAR. EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40 % BY WEIGHT AND SHALL BE FREE FROM ALL NOXIOUS WEED SEED.

HAY MULCH TO BE PLACED ON ALL EARTH SLOPES AT THE RATE OF TWO TONS PER ACRE.

FERTILIZER SHALL BE MIXED AS FOLLOWS:

NITROGEN	10 %
PHOSPHORUS	20 %
POTASH	10 %

FERTILIZER SHALL BE DELIVERED IN BAGS OF NOT TO EXCEED 100 LBS. EACH AND IS TO BE APPLIED AT THE RATE OF 500 LBS. PER ACRE.

AGRICULTURAL LIMESTONE TO BE APPLIED TO ALL EARTH SLOPES AT THE RATE OF TWO TONS PER ACRE OR AS DIRECTED BY THE ENGINEER.

SEEDING FORMULA, URBAN AREAS

% WT	LBS/A	NAME	% PUR	GERM %
37.50	30	CREeping RED FESCUE (VAR. PENNLAWN)	98	85
31.25	25	KENTUCKY BLUEGRASS (COMMON)	85	75
31.25	25	PERENNIAL RYE GRASS (VAR. PENNFINE)	95	90
100.00	80			