

QUANTITY CALCULATIONS
MADE BY R.S.W. DATE 7-19-72
CHECKED BY E.R.A. DATE 7-25-72

SLM 19.63, 15"
SEE SHEET 112

old CFN 184801973
new CFN 1885410
SLM 19.73, 30"
SEE SHEET 116

old CFN 184801974
new CFN 1885409
SLM 19.73, 30"
SEE SHEET 141

CFN 1974718
SLM 19.82, 24"
SEE SHEET 143

SLM 19.82, 48"
SEE SHEET 104
REPLACED IN 2001
UNDER CUY-480-19.22

SLM 19.63, 54"
SEE SHEET 102
REPLACED IN 2001
UNDER CUY-480-19.22

SLM 19.68, 48"
SEE SHEET 103
REPLACED IN 2001
UNDER CUY-480-19.22

SLM 19.73, 48"
SEE SHEET 103
REPLACED IN 2001
UNDER CUY-480-19.22

SLM 19.77, 12"
SEE SHEET 222

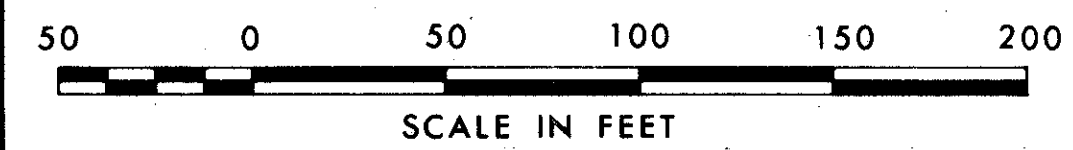
SLM 19.82, 18"
SEE SHEET 225
SEE ROW SHEET
40 FOR UPSTREAM
CHANNEL EASEMENT

SLM 19.85, 12"
SEE SHEET 226

SLM 19.59, 15"
SEE SHEET 111

SLM 19.64, 12"
SEE SHEET 111

SCALE 1" = 50'
HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK



DRAINAGE LEGEND

- Proposed Drainage Ditch
- Proposed Storm and Sanitary Sewers
- Proposed Underdrains
- Existing Storm Sewers
- Existing Sanitary Sewers
- Existing Water Mains
- Proposed Storm Manhole
- Proposed Sanitary Manhole
- Proposed Paved Shoulder Inlet
- Proposed Ditch Catch Basin
- Proposed Pavement Catch Basin
- Existing Storm and Sanitary Manholes
- Existing Storm Inlets
- Jute Matting
- Rock Channel Protection
- Sod

EROSION CONTROL					
Ref. No.	Station	Side	660 Sodding		
	From	To	Sq Yds		
	Participation Limit			I	
G-11	1062+35	1063+85	Rt.	159	
G-12	1065+00	1067+75	Rt.	275	
G-13	1069+60	1072+15	Rt.	255	
G-14	1065+00	1068+25	Lt.	325	
G-15	1061+70	1061+80	Lt.	6	
TOTALS				1011	