PROJECT DESCRIPTION

Improvement of 1.33 miles of S.R. 615 by removal of existing pavement and realigning profile and horizontal alignments along with widening of pavement and replacement of existing structure over I-90 and adding new interchange ramps.

PROJECT DATA

Total Area (Right-of-Way) - - - - - - - - - 81.53 acres
Area to undergo Excavation, Filling or Grading - 37.48 acres
Runoff Coefficient for Pre Construction Site - - 0.50
Runoff Coefficient for Post Constructionn Site - 0.55
Soil Data - - - - - - - - - - - - - - - - - See Soil Profile
Immediate Receiving Waters - - - - - - - Newell Creek (North of I-90)
and East Branch of the Chagrin River (North of I-90)
Subsequnt Receiving Water - - - - - - - - Chagrin River

BEGIN PROJECT STA. 11+75

BEGIN WORK STA. 9+00

CENTER STREET (S.R. 615)

CHILLICOTHE ROAD

WORK LIMITS

PROPOSED DITCH

PROPOSED STORM

To East Branch of Chagrin River

CITY OF MENTOR CORP. LIMITS
VILLAGE OF KIRTLAND HILLS CORP. LIMITS

I.R. 90

RAMP C

RAMP B

RAMP A

RAMP D

To Newell Creek

STRUCTURE No. LAK-90-0945

FF

STA AHEAD: 101+74.57
STA BACK: 101+67.55

MATCH LINE - STA. 49+00

LEGEND

- FF — FILTER FABRIC FENCE
- MANHOLE
- CATCH BASIN
- STORM SEWER
- DITCH
- SEDIMENT BASIN

USGS QUADRANT NO 41081-F3-TF-024
MENTOR, OHIO
LONGITUDE : 81°-20'-25" *
LATITUDE : 41°-38'-46" *

* LONGITUDE AND LATITUDE TO APPROXIMATE C/L-C/L OF LAK-IR 90 AND LAK-SR 615

TEMPORARY EROSION CONTROL

LOCATION	SIDE	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	CU. YD.	
AT ALL CATCH BASINS		1020	120				877
AT ALL DITCH CHECKS							877
STA. 37+00 TO STA. 39+00	LT	200					877
STA. 37+00 TO STA. 43+00	RT	600					877
STA. 41+00 TO STA. 49+00	LT	800					877
STA. 11+50 TO STA. 14+00	RT			25	50	720	877
STA. 18+50 TO STA. 20+00	RT			15	30		877
STA. 24+00 TO STA. 28+00	LT & RT			80	160		877
STA. 32+00 TO STA. 43+00	LT & RT			220	440		877
STA. 44+00 TO STA. 46+00	LT			20	40		877
TOTALS		1600	1020	120	360		

SCALE IN FEET: 200 100 0 200

STORM WATER POLLUTION PREVENTION PLAN
STA. 3+50 TO STA. 49+00

LAK-IR90/SR615-9.26/1.51

57
393

COPYRIGHT - DATE: 07-03-01 14:00 , CT CONSULTANTS, INC. H:\CT\97125\SDSK\7125swp1.DWG