FED RD DIVISION	STATE	FED AID PROJECT	FISCAL YEAR
2	OHIO	I-1103 (15)	

152
176

LAKE COUNTY
LAK-1-26.51
ASHTABULA COUNTY
ATB-1-0.00

Shed
1 Sty. Fr. Res.
Le Fever Rd.
Stone Slope Protection From Toe of Slope To Face of Abutment
Small Woods
20+00 Le Fever Rd.
123+59.21 SR1
B-2 8'-0"L
B-4 7'-L
B-1 10'-0"R
B-5 12'-0"R
B-3 12'-0"R
N 0°-29'-56" W
2°-46'-00"
Critical Vert. Clearance
End Appr. Slab Sta. 18+67.20
Begin Appr. Slab Sta. 21+32.80
17 18 19 21 22 23
8:1 6:1 4:1 2:1

NOTE:
Continue side ditch to S-27 drainage structure at Sta. 124+77.

PLAN

6'-0 8'-0 8'-0 8'-0 6'-0
℄ Survey & Constr.
1"/ft. 3/16"/ft. Profile Grade 6"
3:1 10' and under
2:1 over 10'
T-32 - 135#
4" I-22
5" B-119
T-30 Bit. Prime Coat Sec. M-5.7
RT-2 or 3 or Sec. M-5.2
RC-1 or 2 @ 0.35 gal./sq. yd.

TYPICAL SECTION THRU APPROACH PAVEMENT

Sta. 18+67.20 Elev. 830.68
Sta. 19+18.41 Elev. 831.18
Sta. 20+00 Elev. 831.39
PVI Sta 20+50.720 VC Elev. 838.70
Sta. 20+81.58 Elev. 830.83
Sta. 21+30.55 Elev. 830.12
Bridge Limits 265.60
+3.4%
-5.00%
El. 819.752
El. 819.25
2 Normal
14'-0" clear
14'-0"
15'-1 3/8" clearance
1
2
(Normal)
El. 804.00
El. 797.00
El. 800.00
Stone Slope Protection
Stone Slope Protection
850 840 830 820 810 800 790

SECTION ALONG ℄

BenchMark: R.R. Spike in 18" Maple. Sta. 123+56 204' Lt. Elev. 804.71

NOTES
Foundation Soundings - Foundation design and foundation quantities are based on a study of soil sampling soundings made at the site. This sounding information may be inspected at the Interstate Projects Office in Columbus or in the Division office, but the State assumes no responsibility for the accuracy thereof.

1955 TRAFFIC - 110 VPD with under 30 combination trucks.

PROPOSED STRUCTURE

Type: Continuous Steel Beam with Reinforced Concrete Deck and Substructure.
Span: 48'-11 3/8", 81'-7 7/8", 81'-7 7/8", 48'-11 3/8" ℄ Brg.
Roadway: 24'-0 ℄/℄ Safety Curbs.
Load Frequency: C.F.=30(51)
Skew: 2°46' R.F.
Wearing Surface: 1/2" Monolithic Conc.
Approach Slabs: 25'-0 Long
Alignment: Tangent
Safety Curb: 2'-0 each side.

CHARLES L. BARBER AND ASSOCIATES
HARRY BALKE ENGINEERS
TOLEDO, OHIO

SITE PLAN

BRIDGE No. ATB-1-0233
SR1 UNDER LEFEVER RD.
ASHTABULA CO. SR1 STA. 123+59.21
SCALE: 1" = 20'-0

PRESENT TOPOGRAPHY		PROPOSED WORK			
SURVEYED	DRAWN	DESIGNED	DRAWN	CHECKED	REVIEWED
VAL	WAD	RGE	DKM	DKM	ACA