

FED. RD. DIV.	STATE	PROJECT	TYPE FUND
2	Ohio	S 522 (I)	Post War

MUSKINGUM COUNTY
COUNTY ROAD No. 55

TYPICAL SECTION

TYPE T-32

SUPERELEVATED SECTION
Designed For Min Speed 35 MPH

CUT SECTION

FILL SECTION

16' PAVEMENT SUPERELEVATIONS			
P.I. STA.	DEGREE	EXIST. SUPER.	PRO. SUPER.
0+68.5	13°	-0.20'	0.05'
17+59.5	30°	0.40'	0.65'
24+69.3	16°	0.50'	0.75'
35+28.7	5°	0.10'	0.35'
44+85.6	3°	-0.10'	0.15'
51+61.0	3°	0.20'	0.20'
59+91.0	7°	0.20'	0.45'
65+11.4	13°	0.30'	0.55'
68+00.3	23°	0.80'	1.05'
72+77.6	4°	-0.40'	0.10'
79+49.6	6°	0.10'	0.35'
82+01.9	2°	0.10'	0.10'
87+30.4	14°	0.60'	0.85'
96+85.9	13°	0.60'	0.85'
102+81.6	2°	0.10'	0.10'
111+59.9	9°	0.80'	1.05'
122+48.5	11°	0.90'	1.15'
127+98.8	8°	0.90'	0.90'
135+31.4	12°	1.10'	1.35'
150+88.6	24°	1.00'	1.25'
153+53.3	6°	0.20'	0.45'
157+43.6	10°	0.50'	0.75'
165+15.6	15°	0.80'	1.05'
171+91.9	4°	0.20'	0.45'
178+52.5	5°	1.00'	1.00'
184+70.6	8°	0.70'	0.95'
191+41.4	18°	0.80'	1.05'

20' Minn. R/W to C Pav't.

20' Min. R/W to C Pav't.

PAVEMENT CALCULATIONS

Begin Project 0+00
End Project 192+05
Total Length Project 19205 ft.
19205 X 16.5 = 316883 sq. ft.
316883/9 = 35209 sq. yd.

BITUMINOUS TACK COAT

35209 sq. yd. @ .2 gal. Sec. M-5.5 MS-2 (SS-M-205.5) 7042 gal.

ROAD MIX SURFACE COURSE

35209 sq. yd. @ 0.9 gal. Sec. M-5.5 MS-2 (SS-M-205.5) 37300 gal. $\frac{7}{8}$
35209 sq. yd. @ 0.0375 cu. yd. No. 46 Aggregate 1545 cu. yd. *

BITUMINOUS SEAL COAT

35209 sq. yd. @ 0.00375 cu. yd. No. 6 Aggregate 132 cu. yd. (choke)
35209 sq. yd. @ 0.0075 cu. yd. No. 6 Aggregate 264 cu. yd.
35209 sq. yd. @ 0.4 gal. Sec. M-5.5 RS-2 (SS-M-205.5) 14084 gal.

* Includes 5612 gal. for curve superelevation

* Includes 225 cu. yd. for curve superelevation

MEASURED THICKNESS OF EXISTING TRAFFIC BOUND-BITUMINOUS PAVEMENT			
Station	7' Left	C	7' Right
0+00	9"	12"	10"
10+00	6 1/2"	8"	7"
20+00	8 1/2"	9"	9"
30+00	9 1/2"	10"	7"
40+00	8"	9"	8"
50+00	7"	9"	8"
60+00	7"	8"	8"
70+00	8"	10"	8"
80+00	7 1/2"	8 1/2"	7 1/2"
90+00	7"	8"	7"
100+00	8"	9"	8"
110+00	9"	9"	9"
120+00	8 1/2"	9 1/2"	9 1/2"
130+00	8"	10"	9"
140+00	10"	10"	10"
150+00	12"	12"	12"
160+00	12"	12"	12"
170+00	12"	12"	12"
180+00	12"	12"	12"
190+00	12"	12"	12"
200+00	12"	12"	12"
Average	9.7"	10.5"	9.8"
Average Bituminous Thickness 1.9"			

- Existing 6" minimum Traffic Bound Base with Bituminous Surface.
- T-30 Tack Coat using 0.2 gal. Sec. M-5.5 MS-2 (SS-M-205.5) per sq. yd.
- T-32 Bituminous Surface Course
 - Road Mix using 0.0375 cu. yd. No. 46 Aggregate and 0.9 gal. Sec. M-5.5 MS-2 (SS-M-205.5) per sq. yd. METHOD "C"
 - Choke using 0.00375 cu. yd. Aggregate
 - Seal using 0.4 gal. Sec. M-5.5 RS-2 (SS-M-205.5) and covered with 0.0075 cu. yd. No. 6 Aggregate.
 - Method "C" Sec. T-32.10 to be used in construction.

GENERAL NOTES

- The above Typical Section represents the roadway as previously graded by the County. Same variations from above dimensions will be found due to routine maintenance operations.
- County forces will erect warning signs at curves over 18° and where the non-passing sight distance is less than 240 feet.
- Driveways to be constructed by County Forces.
- Detours to be maintained by County Forces.
- Berms will be completed in accordance with the Typical Section shown, by County Forces concurrently with the pavement construction or before acceptance of project.
- All culverts or drainage structures will be extended where required for full roadway width, by County Forces.

GENERAL SUMMARY

ITEM	PAVEMENT	TOTAL	UNIT
T30	Bituminous Tack Coat Sec. M-5.5 MS-2 (SS-M-205.5)	7042	gal.
T32	Road Mix No. 46 Aggregate	1545	cu. yds.
T32	Road Mix Bituminous Material Sec. M-5.5 MS-2 (SS-M-205.5)	37300	gal.
T32	Seal Coat Bituminous Material Sec. M-5.5 RS-2 (SS-M-205.5)	14084	gal.
T32	Choke & Seal No. 6 Aggregate	396	cu. yds.