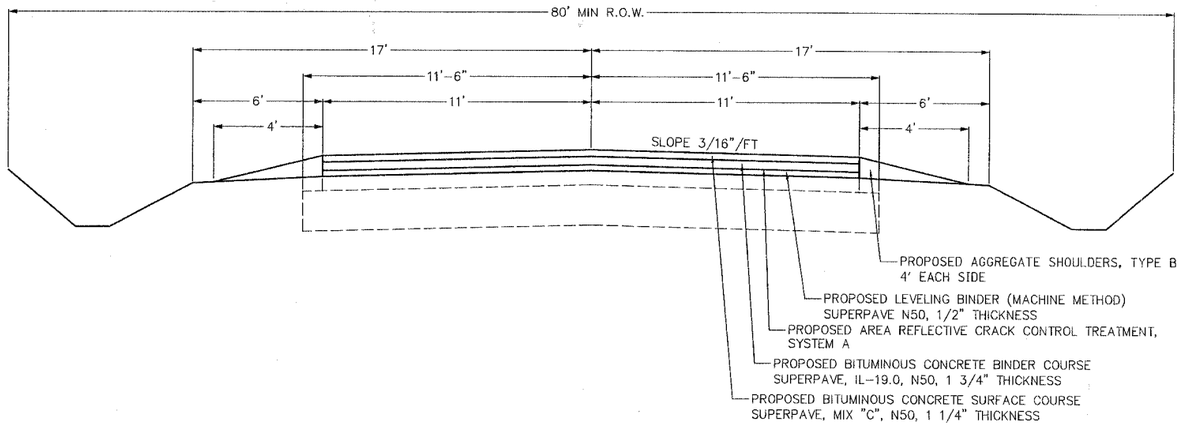
CONTRACT NO. 91357

CO HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	05-00047-09-RS	McLEAN	4	2

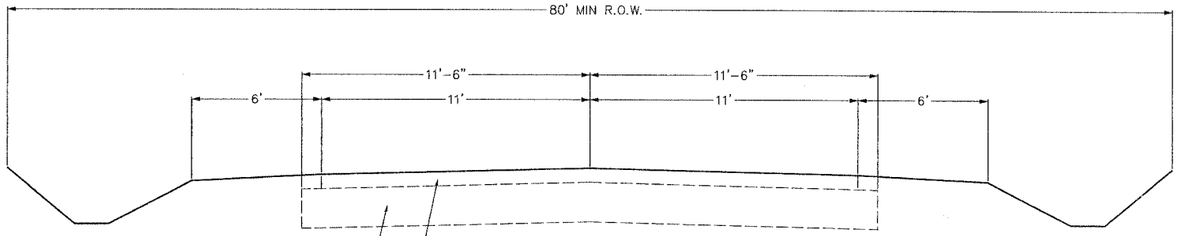
PROPOSED TYPICAL CROSS SECTION

SEC. 05-00047-09-RS
STANFORD-MCLEAN RD (CH 59)



EXISTING TYPICAL CROSS SECTION

SEC. 05-00047-09-RS
STANFORD-MCLEAN RD (CH 59)



STRUCTURAL DESIGN DATA 73,280#

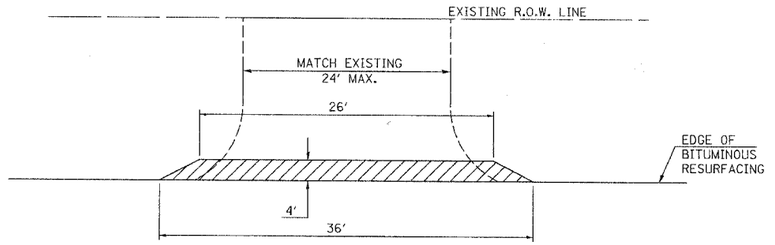
CLASS III ROAD DESIGN PERIOD 20 YEARS
STRUCTURAL DESIGN TRAFFIC: 790 YEAR: 2016
PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:
P.C. 88% S.U. 7% M.U. 5%
P.C. 895 S.U. 55 M.U. 40
MINIMUM SOIL SUPPORT: IBR= 3.0
TRAFFIC FACTOR (T.F.)= 0.172
STRUCTURAL NUMBER (Dt): 3.3
PAVEMENT STRUCTURE MATERIALS:

SURFACE: PROPOSED BITUMINOUS SURFACE COURSE	3.5"	@ 0.40	a1= 1.40
BASE: EXISTING BITUMINOUS CONCRETE	5.5"	@ 0.30	a2= 1.65
SUBBASE: EXISTING AGGREGATE BASE COURSE	9"	@ 0.10	a3= 0.90

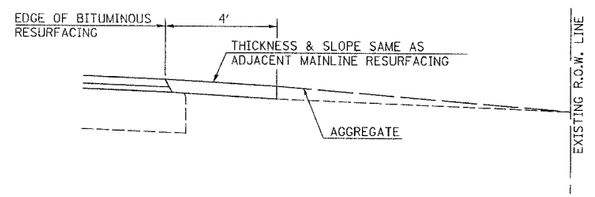
PROPOSED (Dt) TOTAL= 3.95

TYPICAL FIELD ENTRANCE

26 @ 13.8 SQ YDS EACH



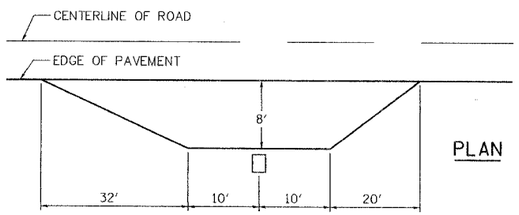
PLAN



PROFILE

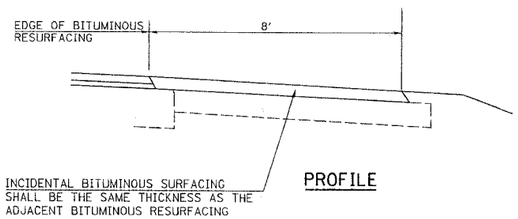
TYPICAL MAIL BOX TURNOUT

7 @ 41 SQ YD EACH



PLAN

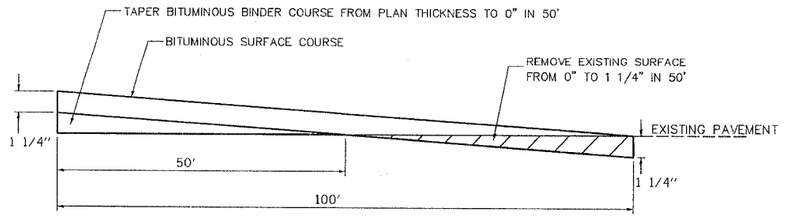
NOTE: MULTIPLE MAILBOX CLUSTERS TO BE EXTENDED 2' FOR EACH ADDITIONAL MAILBOX



PROFILE

TYPICAL BITUMINOUS SURFACE REMOVAL-BUTT JOINT

1 @ 122.2 SQ YDS STA: 361+94.72 (BEGINNING STATION)



GENERAL NOTES:

ALL TEMPORARY & PERMANENT PAVEMENT STRIPPING WILL BE DONE BY OTHERS.

ALL FIELD ENTRANCES SHALL BE CONSTRUCTED WITH THE EXTENDABLE SCREED WIDENERS AND PAID FROM BITUMINOUS BINDER AND SURFACE COURSES.

ALL SPECIAL INTERSECTION RADII TO BE CONSTRUCTED FROM AND PAID FROM BITUMINOUS BINDER AND SURFACE COURSES.

ALL SIDE ROAD RETURNS, PRIVATE ENTRANCES & MAILBOX TURNOUTS ARE TO BE CONSTRUCTED AND PAID FROM INCIDENTAL BITUMINOUS SURFACING.

AGGREGATE SHOULDERS SHALL BE PLACED ALONG ALL SIDE ROAD RETURN RADII AND PRIVATE ENTRANCE RADII AND SHALL BE PLACED ALONG AND BEHIND ALL FIELD ENTRANCES , GUARDRAIL AND GUARDRAIL RUNOUTS, PRIVATE ENTRANCES AND MAILBOX TURNOUTS UNLESS SPECIFIED BY THE RESIDENT ENGINEER.