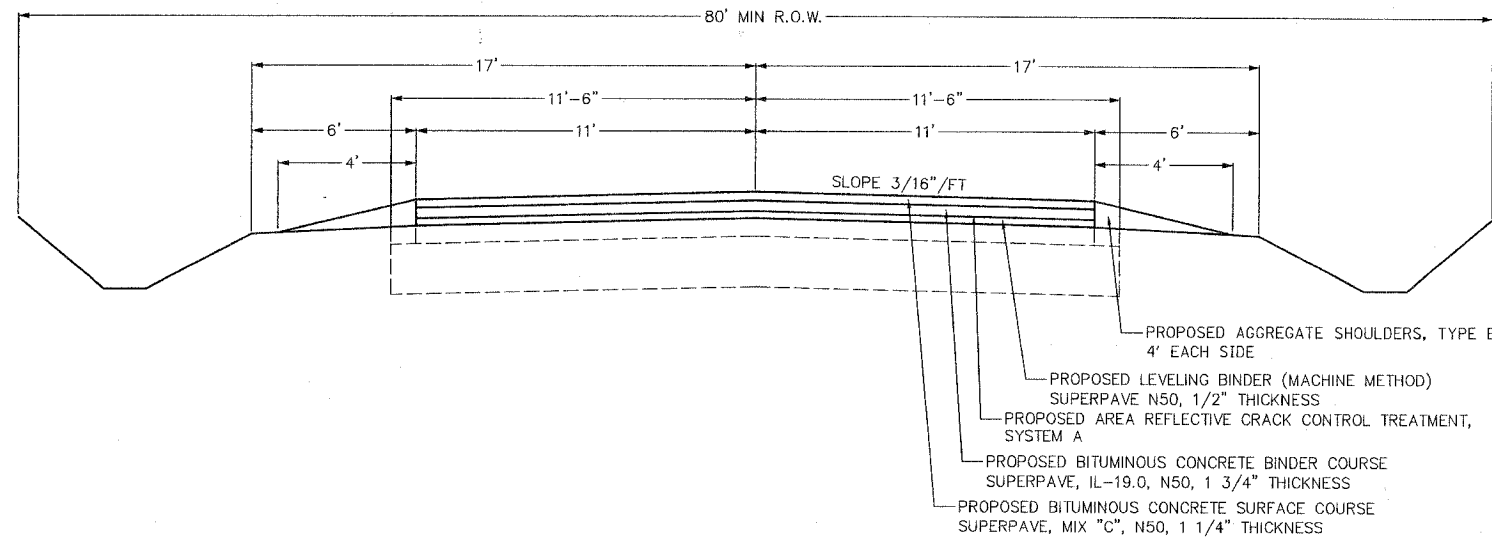


CO HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	05-00047-09-RS	McLEAN	4	2

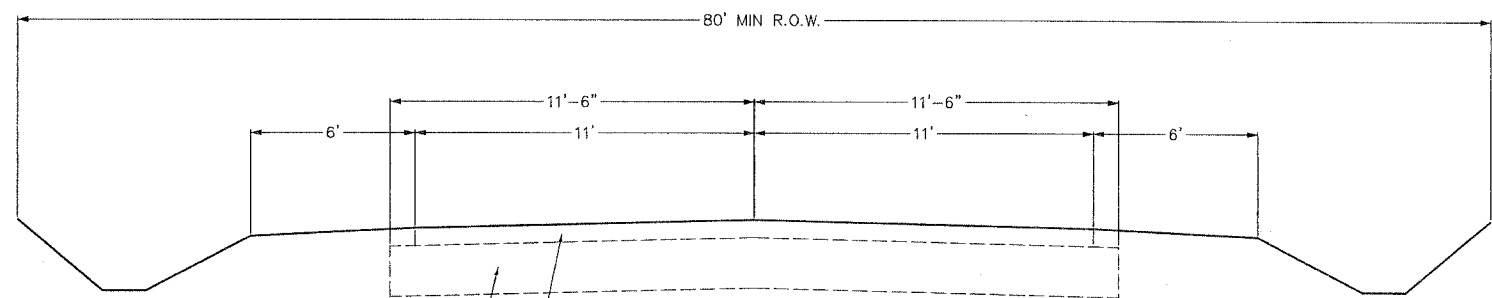
PROPOSED TYPICAL CROSS SECTION

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



EXISTING TYPICAL CROSS SECTION

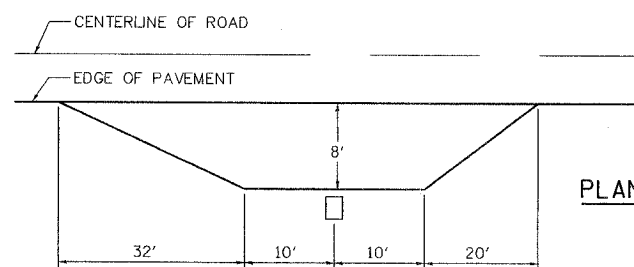
SEC. 05-00047-09-RS  
STANFORD-MCLEAN RD (CH 59)



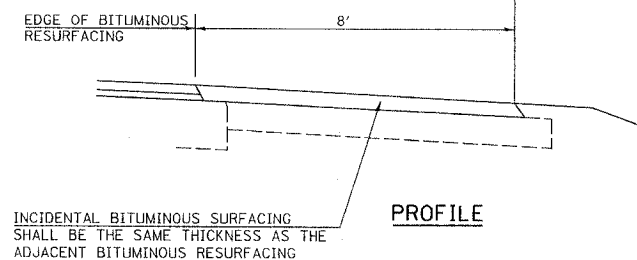
EXISTING BITUMINOUS BINDER & SURFACE COURSES 5 1/2" TOTAL THICKNESS  
WITH AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A

TYPICAL MAIL BOX TURNOUT

7 @ 41 SQ YD EACH



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



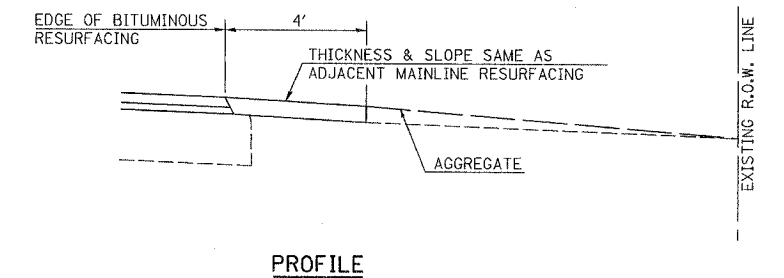
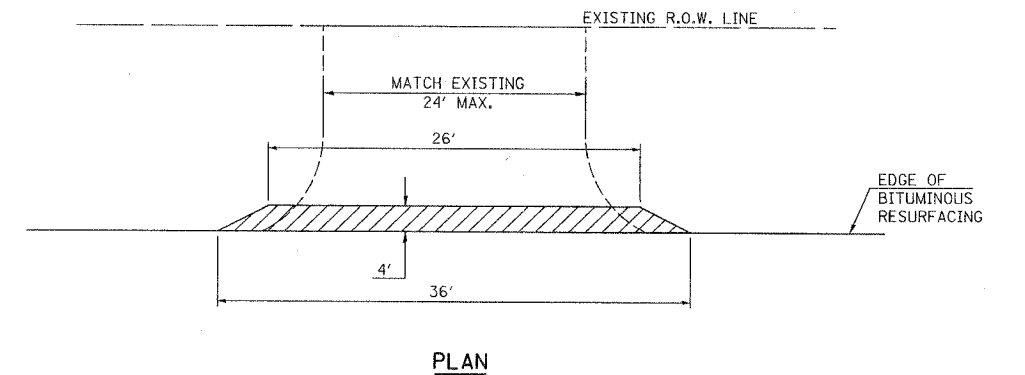
STRUCTURAL DESIGN DATA 73,280#

CLASS III ROAD DESIGN PERIOD 20 YEARS  
STRUCTURAL DESIGN TRAFFIC: 780 YEAR: 2016  
PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:  
P.C. 88% S.U. 7% M.U. 5%  
P.C. 695 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

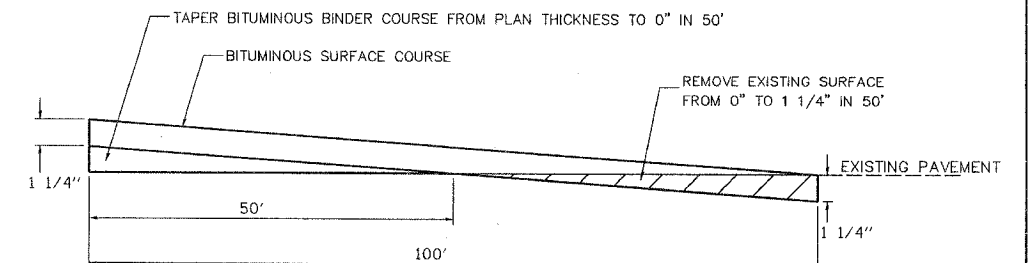
TYPICAL FIELD ENTRANCE

26 @ 13.8 SQ YDS EACH



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.