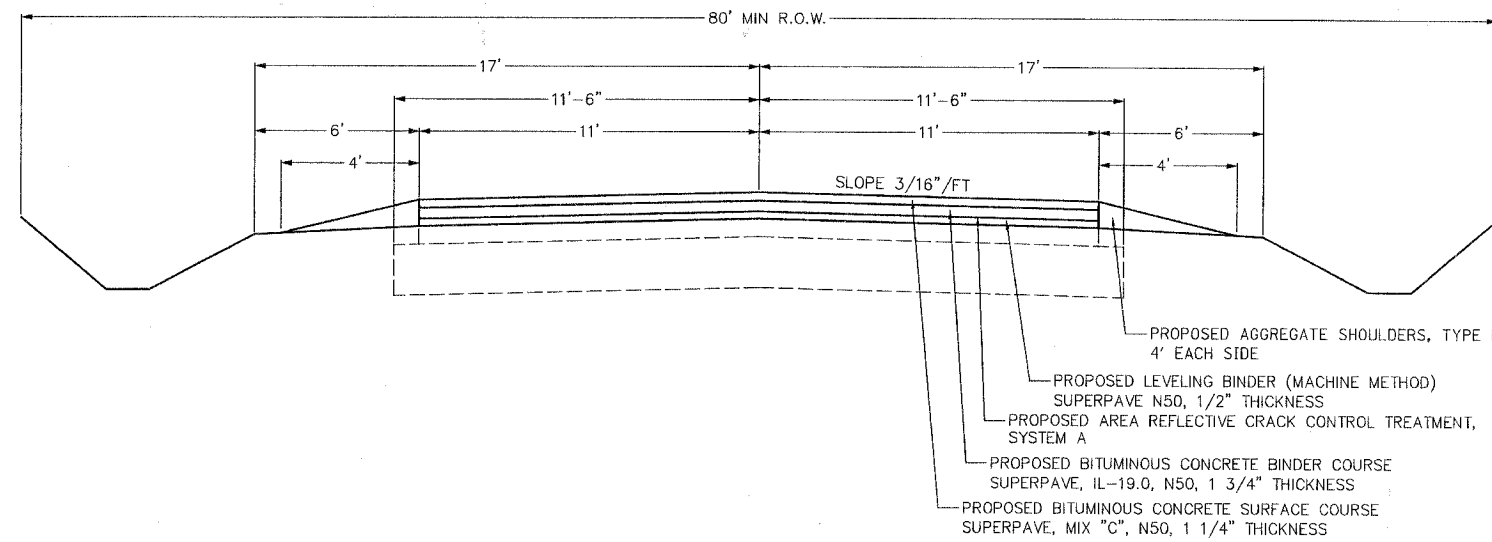


CO HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	05-00047-09-RS	McLEAN	4	2

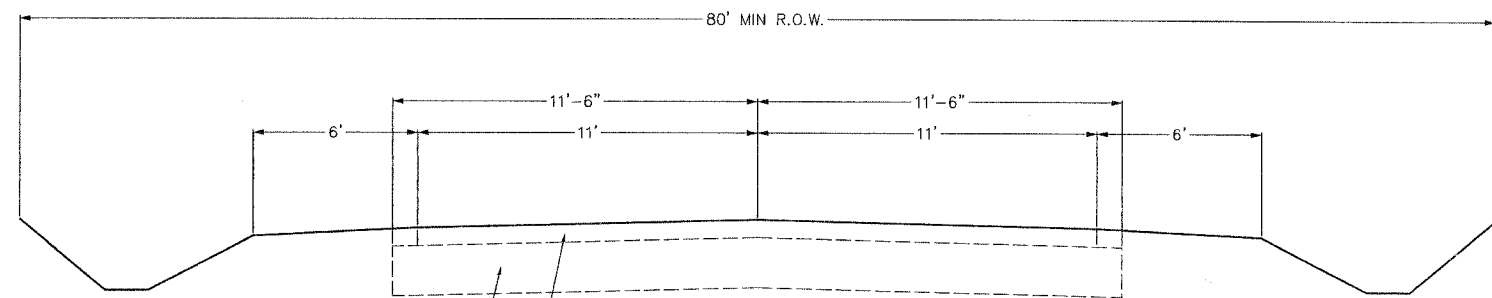
PROPOSED TYPICAL CROSS SECTION

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



EXISTING TYPICAL CROSS SECTION

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



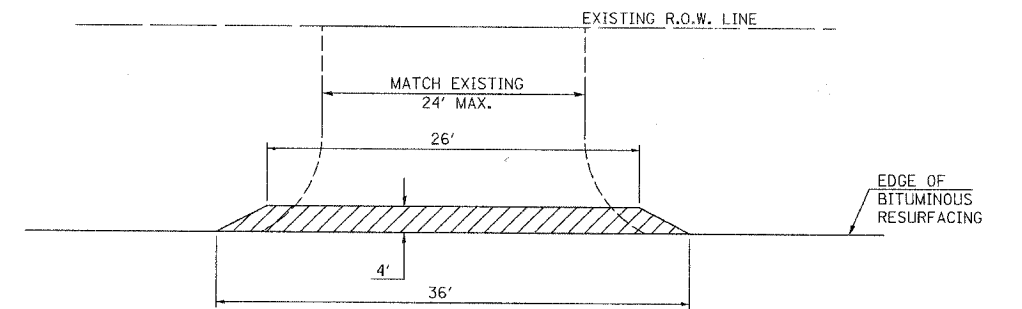
STRUCTURAL DESIGN DATA 73,280#

CLASS III ROAD DESIGN PERIOD 20 YEARS
STRUCTURAL DESIGN TRAFFIC: 780 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= 1.85
SUBBASE: EXISTING AGGREGATE BASE COURSE 9" @ 0.10 a3= 0.90

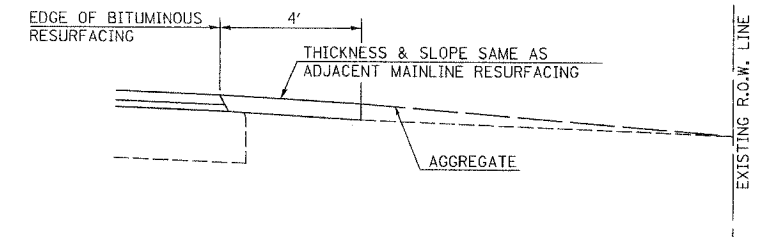
PROPOSED (Dt) TOTAL= 3.95

TYPICAL FIELD ENTRANCE

26 @ 13.8 SQ YDS EACH



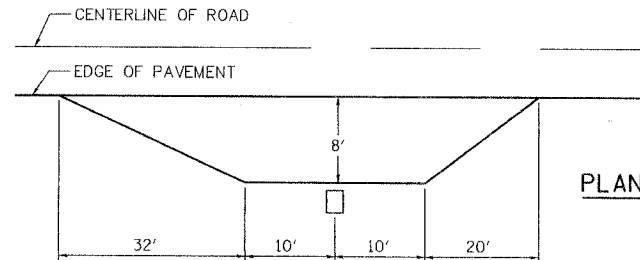
PLAN



PROFILE

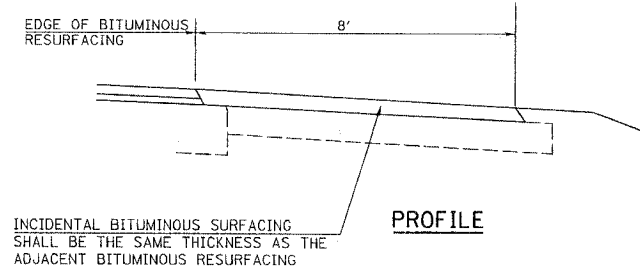
TYPICAL MAIL BOX TURNOUT

7 @ 41 SQ YD EACH



PLAN

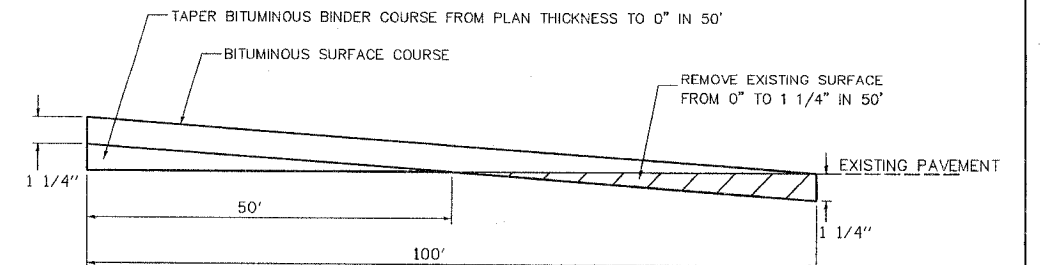
NOTE: MULTIPLE MAILBOX CLUSTERS TO BE EXTENDED 2' FOR EACH ADDITIONAL MAILBOX



PROFILE

TYPICAL BITUMINOUS SURFACE REMOVAL-BUTT JOINT

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



EXISTING AGGREGATE BASE COURSE 9"

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

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.

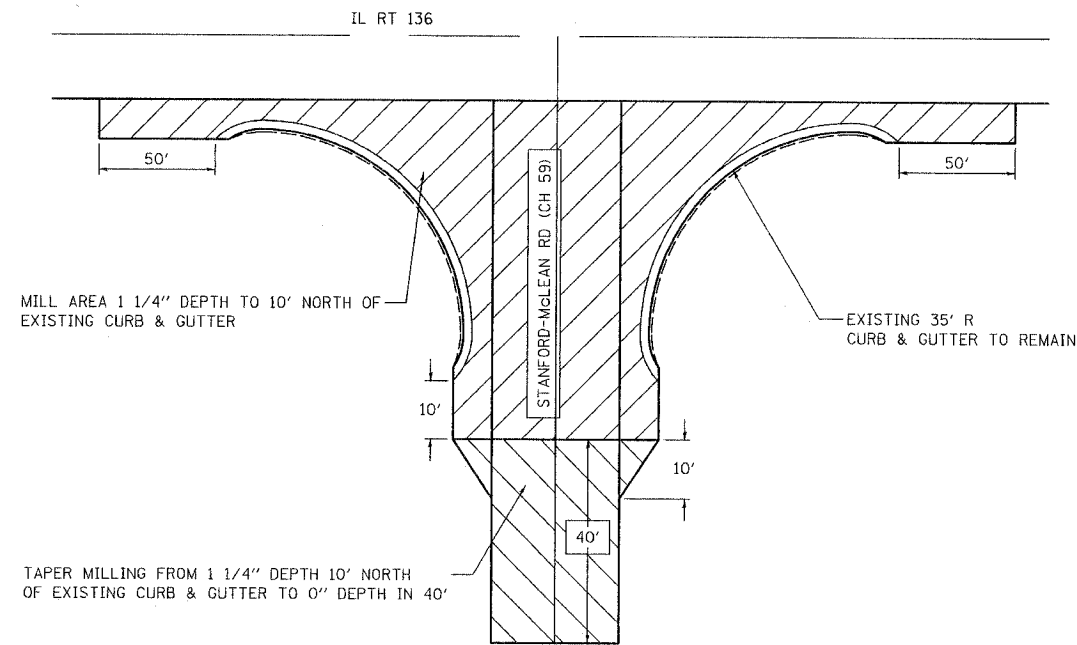
ALL SIDE ROAD RETURNS, PRIVATE ENTRANCES & MAILBOX TURNOUTS ARE TO BE CONSTRUCTED AND PAID FROM INCIDENTAL BITUMINOUS SURFACING.

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.

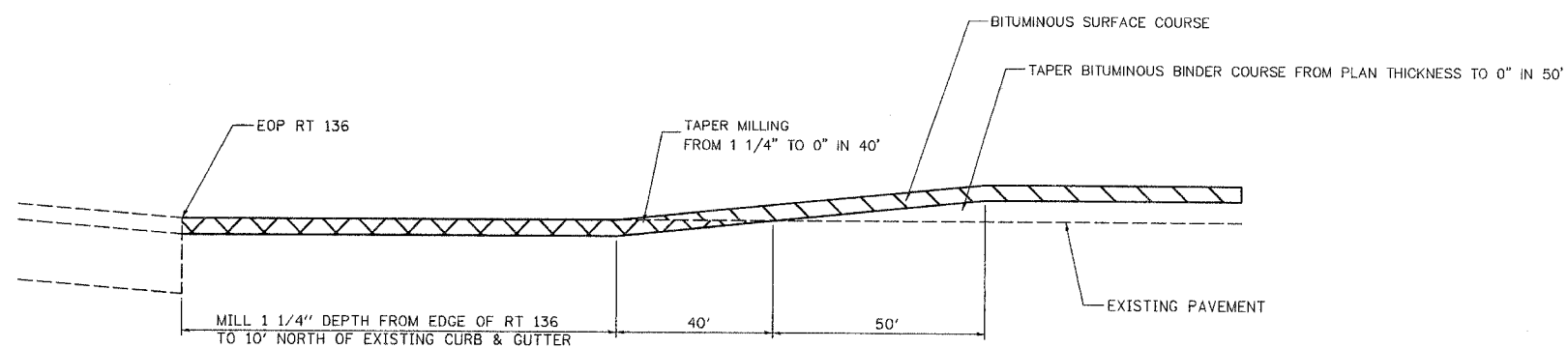
CO HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	05-00047-09-RS	MCLEAN	4	3

SPECIAL INTERSECTION

1 @ STA: 502+07.20 (IL RT 136)
 184.1 SQ YDS BINDER & SURFACE IN RADII
 406.5 SQ YDS TOTAL MILLING



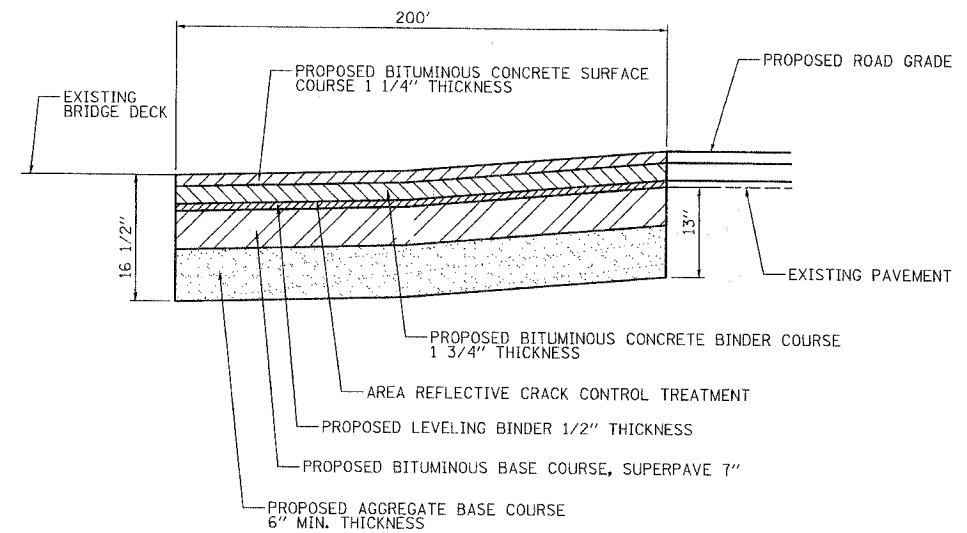
PLAN



PROFILE

BRIDGE APPROACH RECONSTRUCTION DETAIL

STA: 397+18.35 & 398+81.65



PROFILE

BRIDGE APPROACH RECONSTRUCTION NOTES:

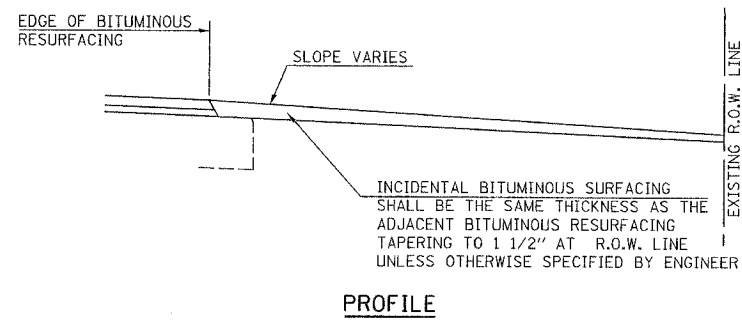
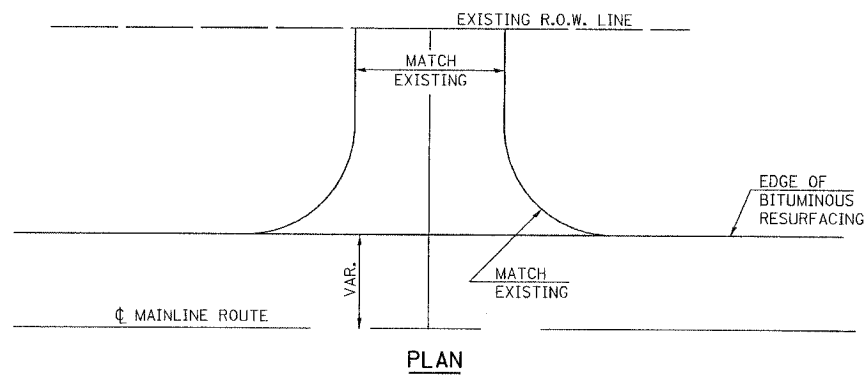
EARTH EXCAVATION QUANTITY EQUALS 218.5 CU YDS (EACH END OF BRIDGE).

AGGREGATE BASE COURSE, TYPE B TO BE PLACED AT A THICKNESS OF 6" MIN. 533.3 SQ YDS (EACH END OF BRIDGE).

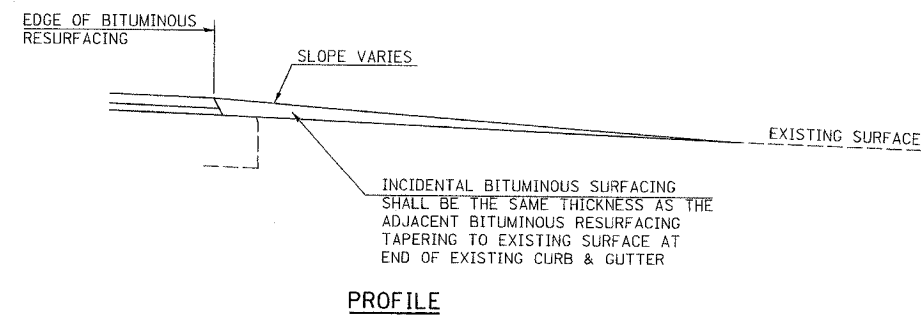
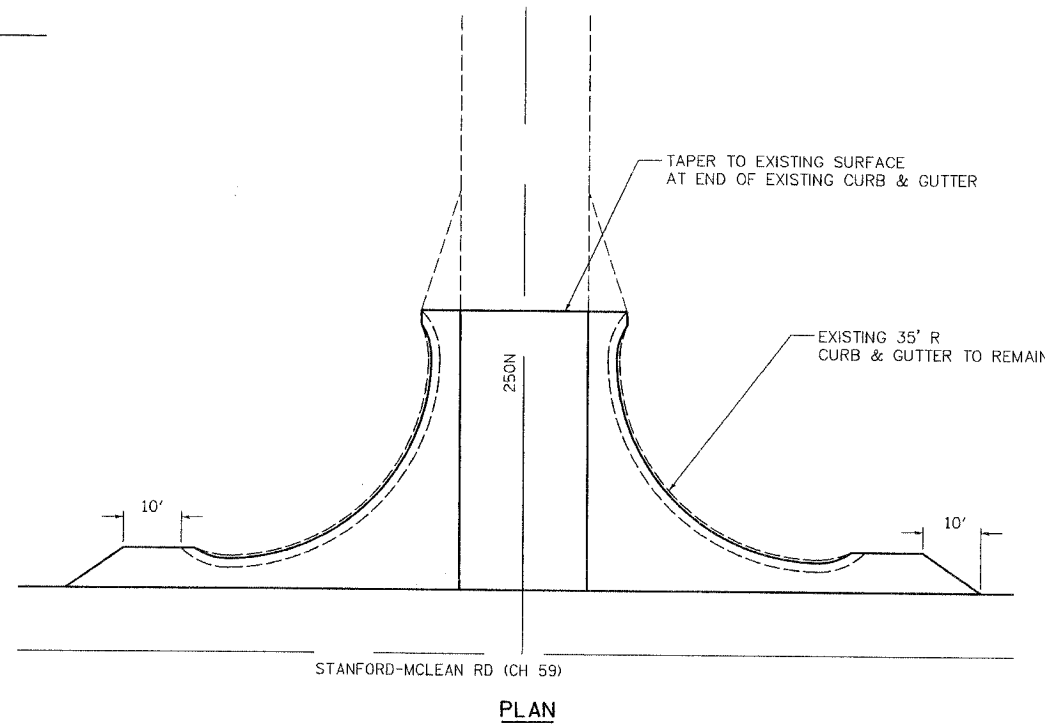
BITUMINOUS BASE COURSE, SUPERPAVE 7" QUANTITY EQUALS 533.3 SQ YDS (EACH END OF BRIDGE).

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

TYPICAL PRIVATE ENTRANCE
8 @ 65.8 SQ YDS EACH



SPECIAL SDRD RETURN
1 @ 250N
281.9 SQ YDS TOTAL
INCIDENTAL BITUMINOUS SURFACING



SPECIAL SDRD RETURN
1 @ CH 44 (MCLEAN RD)
404.1 SQ YDS TOTAL
INCIDENTAL BITUMINOUS SURFACING

