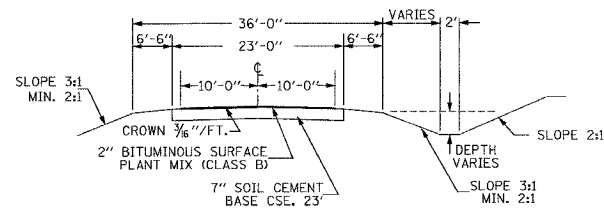


F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1816	06-0099-00-RS	WHITE	4	2
FED. ROAD DIST. NO. 9		ILLINOIS	NORRIS CITY RESERVOIR	
LEC JOB # H051013WH				

TYPICAL CROSS SECTION

EXISTING

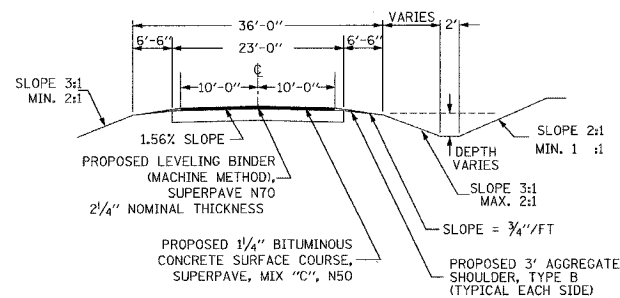
STA. 0+00 TO STA. 65+52



TYPICAL CROSS SECTION

PROPOSED

STA. 0+00 TO STA. 65+52



GENERAL NOTES:

THIS SECTION CONSISTS OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL, LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70, AND BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, AGGREGATE SHOULDERS, AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE PROJECT, ALL IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTIONS 33-0 AND SHALL REMAIN IN PLACE. ALL STATIONS REFERRED TO IN THE PLANS AND PROPOSAL ARE REFERENCED TO THE ABOVE MENTIONED SECTIONS.

MAXIMUM PERCENT OF GRADE	+6.48 %
MINIMUM STOPPING SIGHT DISTANCE	525 FT
DESIGN SPEED	50 MPH
CURRENT ADT	770 VPD
DESIGN ADT (20 YEAR)	1040 VPD

THE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 SHALL BE PLACED IN ONE LIFT WITH A MINIMUM THICKNESS OF 1/4".

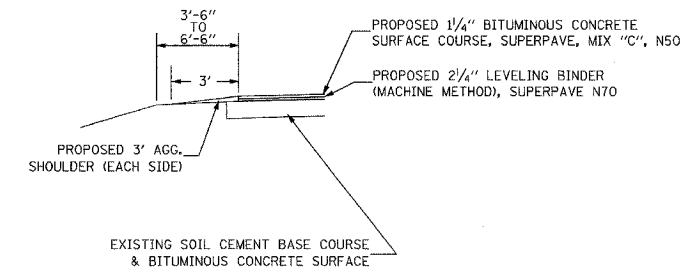
THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 ALLOWS 142.5 TON FOR THE INTERSECTIONS, SIDEROADS, AND TAPERS; 114.2 TON FOR THE ENTRANCES; 51.4 TON FOR THE MAILBOX TURNOUTS, AND 2044.0 TON FOR THE 1/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50.

A BITUMINOUS TAPER OF 0" TO 3-1/2" SHALL BE CONSTRUCTED FROM STATION 0+00 TO STATION 0+70 AND 3-1/2" TO 0" FROM STATION 132+06 TO STATION 132+56.

THE FOLLOWING RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

AGGREGATE SHOULDERS TY. B	1.8 T / CU YD
BITUMINOUS CONCRETE	0.0560 T / SQ YD • INCH
AGGREGATE PRIME COAT	0.001 T / SQ YD
BITUMINOUS MATERIAL (PRIME COAT)	0.05 GAL / SQ YD

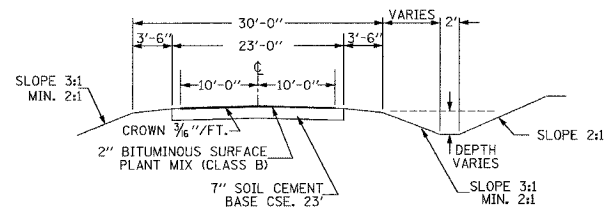
AGGREGATE SHOULDER DETAIL



TYPICAL CROSS SECTION

EXISTING

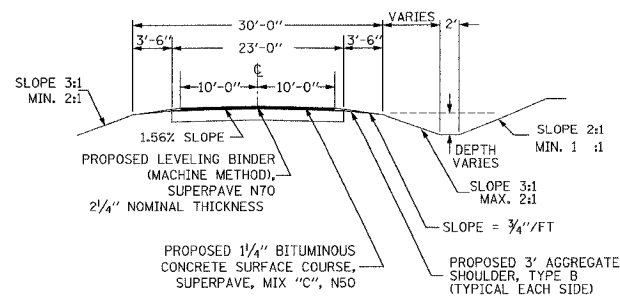
STA. 65+52 TO STA. 132+56



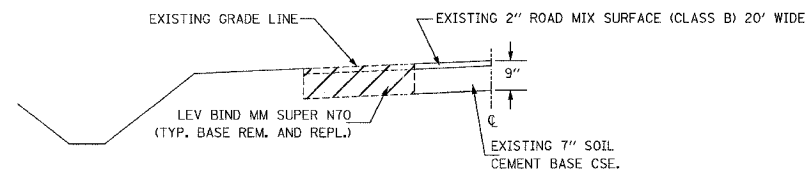
TYPICAL CROSS SECTION

PROPOSED

STA. 65+52 TO STA. 132+56

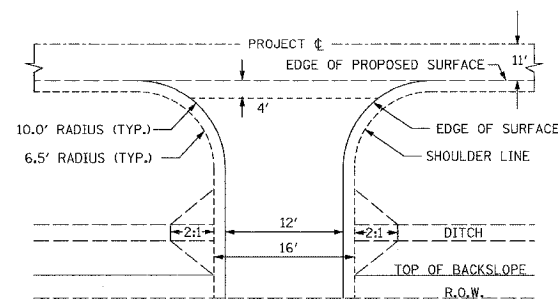


DETAIL OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL



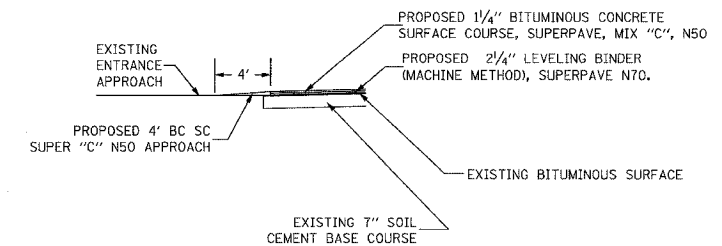
NOTE: IN THE TYPICAL DETAIL ABOVE THE DISTANCE FROM THE CENTERLINE LEFT OR RIGHT AND THE WIDTH OF PAVEMENT REMOVAL AND REPLACEMENT VARIES. SEE SCHEDULE OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL FOR PROPOSED LOCATIONS.

DETAIL OF PRIVATE AND FIELD ENTRANCES



NOTE: THE 4' AREA FROM THE EDGE OF SURFACE, AS SHOWN ABOVE, SHALL BE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 FOR THE PRIVATE ENTRANCES AND THE FIELD ENTRANCES. THIS QUANTITY IS INCLUDED IN THE QUANTITY FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50.

PRIVATE & FIELD ENTRANCE APPROACH DETAIL

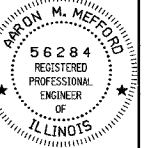


323 W. 3RD ST.
P.O. BOX 160
MT. CARMEL, IL
62863
PHONE:
(618)-262-8651
FAX:
(618)-263-3327

405 W. STATE ST.
SUITE 1
PRINCETON, IN
47670
PHONE:
(812)-386-7611
FAX:
(812)-385-2812



PROFESSIONAL
DESIGN FIRM
LAND SURVEY &
PROFESSIONAL
ENGINEERING
CORPORATION
184-00087
(62-032435)(35-002769)



AARON M. MEFFORD
(NAME)
Aaron M. Mefford
(SIGNATURE)
5-9-07
(DATE)
11-30-07
(EXPIRES)