

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
887	01-00069-00-RS	WABASH	4	2
FED. ROAD DIST. NO. 7		ILLINOIS	LANCASTER NORTH	
JOB NO. RS-807(108)		CONTRACT # 95527		

SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM	CODE NUMBER
600.00	FOOT	GRADING AND SHAPING DITCHES	21400100
1078.00	GAL	BITUMINOUS MATERIALS (PRIME COAT)	40600100
1842.00	TON	LEVELING BINDER (MACHINE METHOD) N70	40600635
1720.00	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	40603310
17913.50	SO YD	AREA REFLECTIVE CRACK CONTROL TREATMENT	44300100
745.00	TON	AGGREGATE SHOULDERS, TYPE B	48101200
44.00	FOOT	PIPE CULVERTS, CLASS C, TYPE 2 24"	542C1069
94.00	FOOT	PIPE CULVERTS, CLASS C, TYPE 2 30"	542C1075
60.00	FOOT	PIPE CULVERTS, CLASS C, TYPE 2 36"	542C1081
141.00	FOOT	PIPE CULVERTS, CLASS C, TYPE 2 48"	542C1093
2.00	EACH	METAL END SECTIONS 24"	54215559
4.00	EACH	METAL END SECTIONS 30"	54215565
2.00	EACH	METAL END SECTIONS 36"	54215571
4.00	EACH	METAL END SECTIONS 48"	54215583
367.40	CU YD	CONTROLLED LOW-STRENGTH MATERIAL	59300100
1.00	L SUM	MOBILIZATION	67100100
1.00	L SUM	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	70100460
1.00	L SUM	TRAFFIC CONTROL AND PROTECTION STANDARD 701336	70100600
3203.00	FOOT	SHORT-TERM PAVEMENT MARKING	70300100
21580.00	FOOT	PAINT PAVEMENT MARKING-LINE 4"	78001110 *
100.00	EACH	RAISED REFLECTIVE PAVEMENT MARKER	78100100 *
801.00	FOOT	SHORT-TERM PAVEMENT MARKING REMOVAL	XX003140
76.00	TON	PAVEMENT REMOVAL AND REPLACEMENT (SPECIAL)	XX127400

* SPECIALTY ITEMS

323 W. 3RD ST.
P.O. BOX 180
MT. CARMEL, IL
62863
PHONE:
(618)-262-8651
FAX:
(618)-263-3327

405 W. STATE ST.
SUITE 1
FRINGETON, IN
47670
PHONE:
(812)-389-7611
FAX:
(812)-385-2812



PROFESSIONAL
DESIGN FIRM
LAND SURVEY &
PROFESSIONAL
ENGINEERING
CORPORATION
184-00887
(62-032435)(35-002769)



AARON M. MEFFORD
NAME
SIGNATURE
9-28-07
DATE
11-30-09
EXPIRES

GENERAL NOTES:

THIS SECTION CONSISTS OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL, LEVELING BINDER (MACHINE METHOD), N70, AND HOT-MIX ASPHALT SURFACE COURSE, 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, 2007.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTIONS 30-G AND 30-O, 83-00030-00-RS 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	3.56 %
MINIMUM STOPPING SIGHT DISTANCE	525 FT
DESIGN SPEED	50 MPH
CURRENT ADT	700 VPD
DESIGN ADT (20 YEAR)	900 VPD

THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 SHALL BE PLACED IN ONE LIFT WITH A MINIMUM THICKNESS OF 1 1/2".

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 ALLOWS 89.0 TON FOR THE INTERSECTIONS, SIDEROADS, AND TAPERS; 119.3 TON FOR THE ENTRANCES; 25.8 TON FOR THE MAILBOX TURNOUTS; AND 1485.5 TON FOR THE 1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

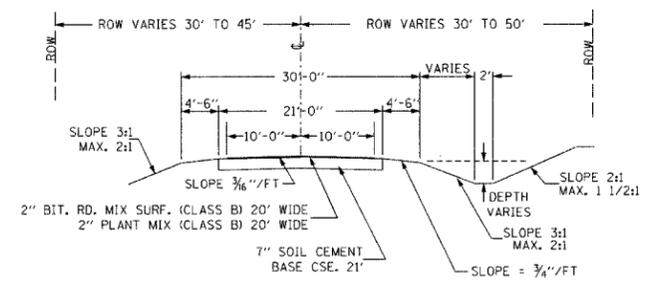
A HOT-MIX ASPHALT TAPER OF 0" TO 3" SHALL BE CONSTRUCTED FROM STATION 155+94.95 TO STATION 156+19.95 AND 3" TO 0" FROM STATION 235+77.8 TO STATION 236+02.8.

THE FOLLOWING RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

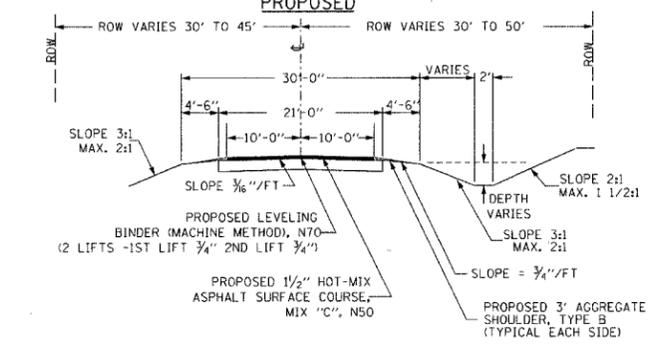
AGGREGATE SHOULDERS TY. B	1.8 T / CU YD
HOT-MIX ASPHALT	0.0560 T / SQ YD + INCH
AGGREGATE PRIME COAT	0.001 T / SQ YD
BITUMINOUS MATERIAL (PRIME COAT)	0.05 GAL / SQ YD

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR GRADING AND SHAPING DITCHES ALLOWS 50 FOOT AT EACH END OF ALL PIPES TO BE REPLACED AT STATIONS SHOWN IN SCHEDULE OF AIR PIPE CULVERTS, CLASS C.

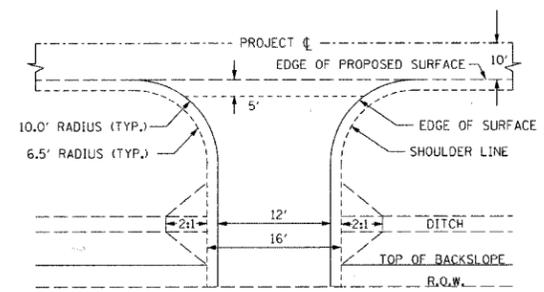
TYPICAL CROSS SECTION EXISTING



TYPICAL CROSS SECTION PROPOSED

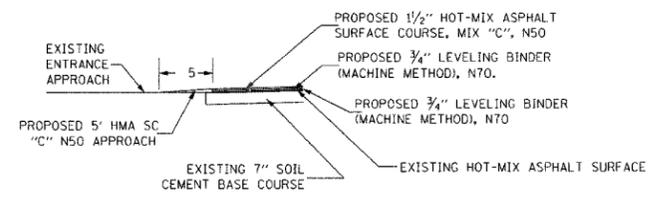


DETAIL OF PRIVATE AND FIELD ENTRANCES

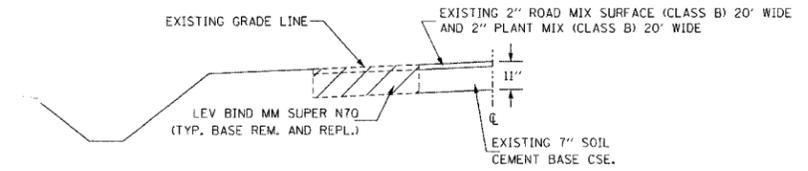


NOTE: THE 5' AREA FROM THE EDGE OF SURFACE, AS SHOWN ABOVE, SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 FOR THE PRIVATE ENTRANCES AND THE FIELD ENTRANCES. THIS QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

PRIVATE & FIELD ENTRANCE APPROACH DETAIL

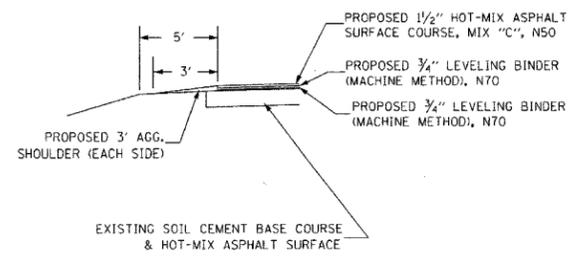


DETAIL OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL



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.

AGGREGATE SHOULDER DETAIL



UTILITIES

- MT. CARMEL PULIC UTILITY
316 MARKET STREET
MT. CARMEL, IL 62863
618-262-5151
- NORRIS ELECTRIC COOP.
RT. 130 SOUTH
NEWTON, IL 62448
618-299-6101
- RURAL WABASH WATER DISTRICT
P.O. BOX 55
LANCASTER, IL 62855
618-665-3311
- VERIZON TELEPHONE CO.
225 EAST CHESTNUT
ONLEY, IL 62450
618-395-6181
- J.U.L.I.E.
800-892-0123